

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040422AR\
 Data File : FD041843.D
 Signal(s) : FID2B.CH
 Acq On : 04 Apr 2022 13:49
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 05 02:23:32 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...	7.342	3617979	22.392 ug/ml
Spiked Amount 50.000		Recovery =	44.78%
6) S 2-Fluorobiphenyl (SURR)	8.193	2141977	20.577 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.15%
11) S ortho-Terphenyl (SURR)	11.221	4299350	24.511 ug/ml
Spiked Amount 50.000		Recovery =	49.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.160	3973849	22.674 ug/ml
2) T Naphthalene (C11.7)	5.684	4076107	22.349 ug/ml
3) T 2-Methylnaphthalene (...)	6.730	3641482	20.119 ug/ml
5) T Acenaphthylene (C15.06)	7.993	4079177	22.818 ug/ml
7) T Acenaphthene (C15.5)	8.286	4387088	22.951 ug/ml
8) T Flouorene (C16.55)	9.064	3902434	22.789 ug/ml
9) T Phenanthrene (C19.36)	10.451	3781450	23.017 ug/ml
10) T Anthracene (C19.43)	10.528	3424737	21.415 ug/ml
12) T Fluoranthene (C21.85)	12.254	3776589	22.478 ug/ml
13) T Pyrene (C20.8)	12.547	3549727	21.173 ug/ml
14) T Benzo[a]anthracene (C...	14.418	2975054	20.501 ug/ml
15) T Chrysene (C27.41)	14.459	3813395	23.157 ug/ml
16) T benzo[b]fluoranthene ...	15.966	3355559	24.586 ug/ml
17) T Bnezo[k]fluoranthene ...	15.996	3601965	24.409 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.344	3245807	24.685 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.708	2760072	22.018 ug/ml
20) T Dibenz[a,h]anthracene...	17.747	3482196	24.635 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.956	3318257	25.629 ug/mlm

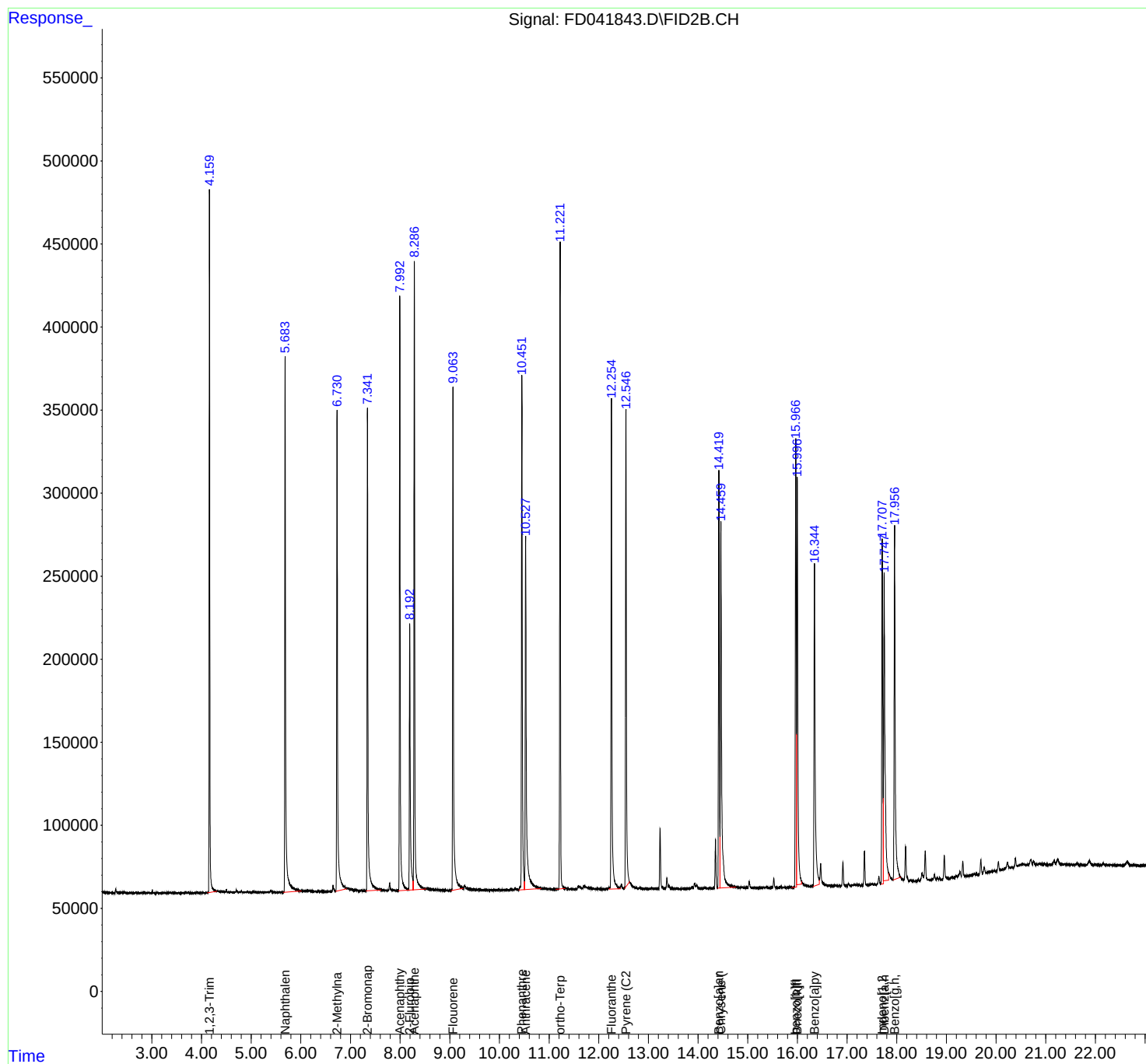
(f)=RT Delta > 1/2 Window

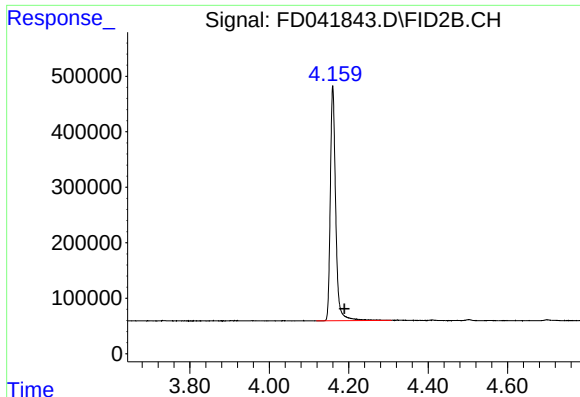
(m)=manual int.

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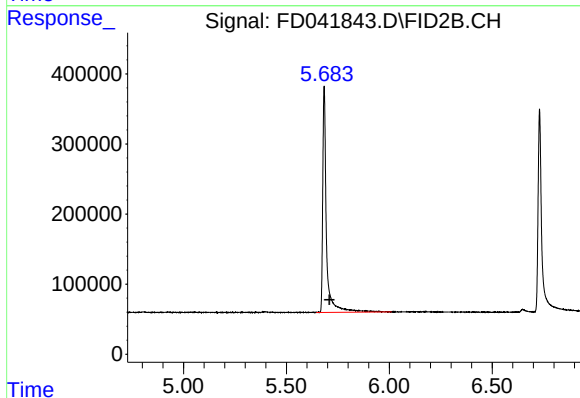
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Signal Info : 20M x 0.18mm x 0.18µm





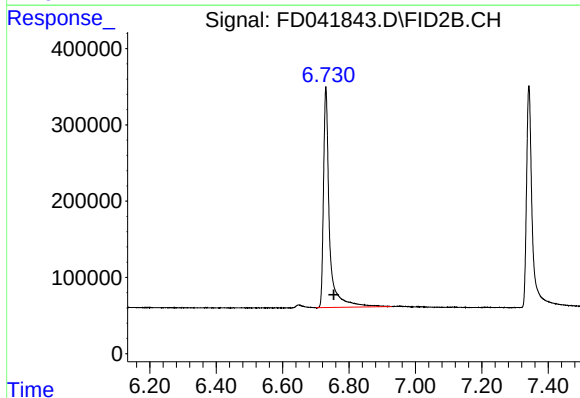
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.160 min
Delta R.T.: -0.029 min
Response: 3973849
Conc: 22.67 ug/ml



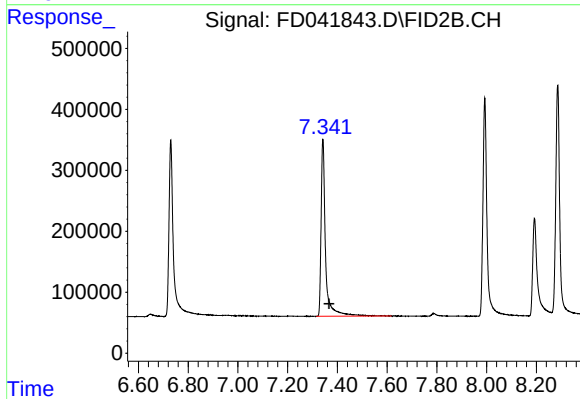
#2 Naphthalene (C11.7)

R.T.: 5.684 min
Delta R.T.: -0.025 min
Response: 4076107
Conc: 22.35 ug/ml



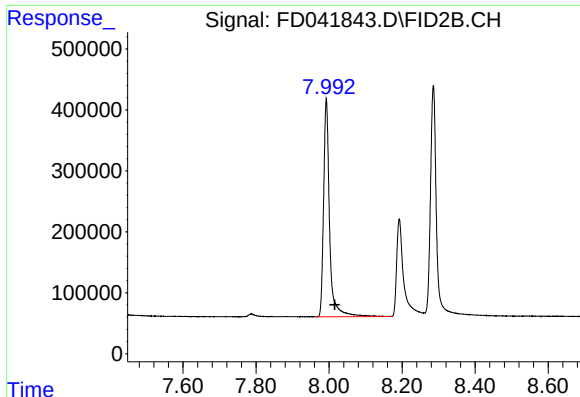
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.730 min
Delta R.T.: -0.024 min
Response: 3641482
Conc: 20.12 ug/ml



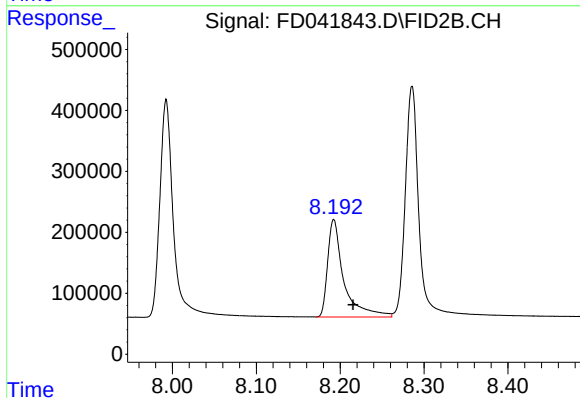
#4 2-Bromonaphthalene (SURR)

R.T.: 7.342 min
Delta R.T.: -0.024 min
Response: 3617979
Conc: 22.39 ug/ml



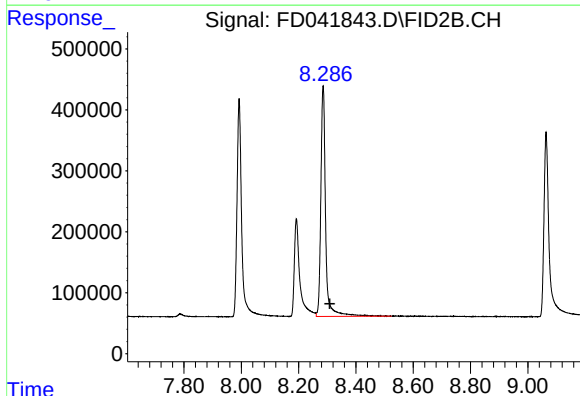
#5 Acenaphthylene (C15.06)

R.T.: 7.993 min
Delta R.T.: -0.023 min
Response: 4079177
Conc: 22.82 ug/ml



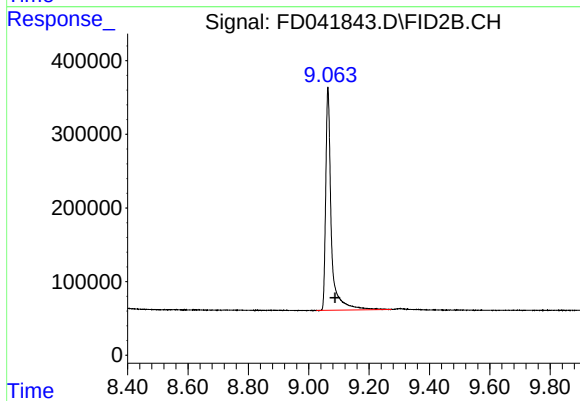
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.193 min
Delta R.T.: -0.023 min
Response: 2141977
Conc: 20.58 ug/ml



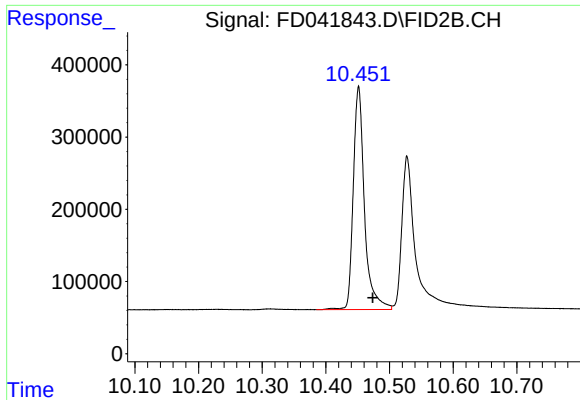
#7 Acenaphthene (C15.5)

R.T.: 8.286 min
Delta R.T.: -0.023 min
Response: 4387088
Conc: 22.95 ug/ml



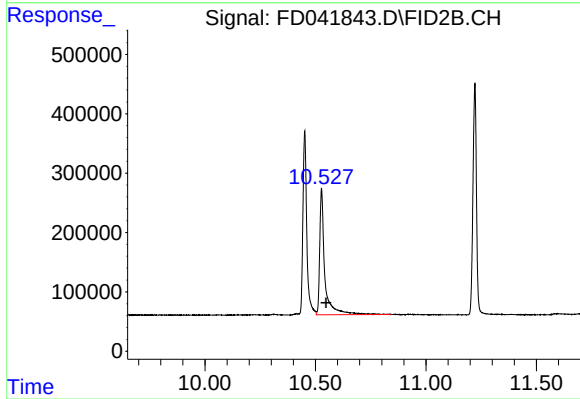
#8 Fluorene (C16.55)

R.T.: 9.064 min
Delta R.T.: -0.024 min
Response: 3902434
Conc: 22.79 ug/ml



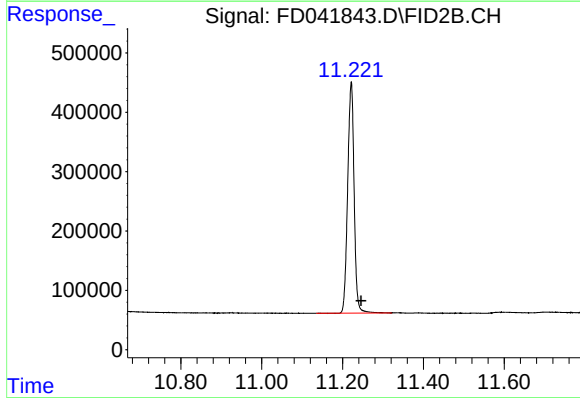
#9 Phenanthrene (C19.36)

R.T.: 10.451 min
Delta R.T.: -0.022 min
Response: 3781450
Conc: 23.02 ug/ml



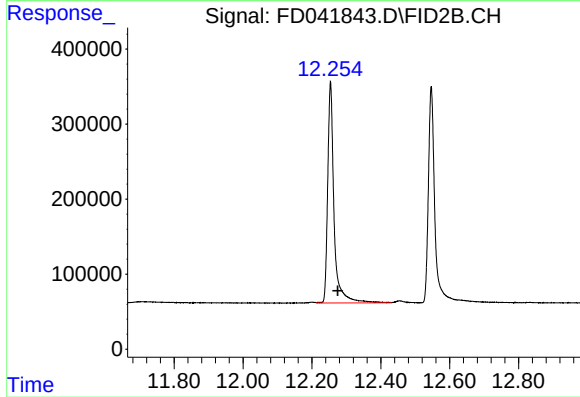
#10 Anthracene (C19.43)

R.T.: 10.528 min
Delta R.T.: -0.021 min
Response: 3424737
Conc: 21.42 ug/ml



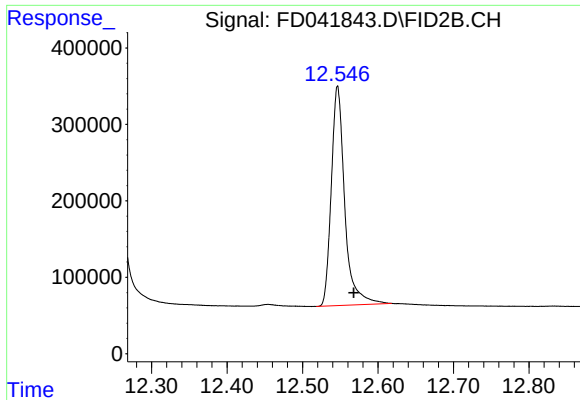
#11 ortho-Terphenyl (SURR)

R.T.: 11.221 min
Delta R.T.: -0.025 min
Response: 4299350
Conc: 24.51 ug/ml



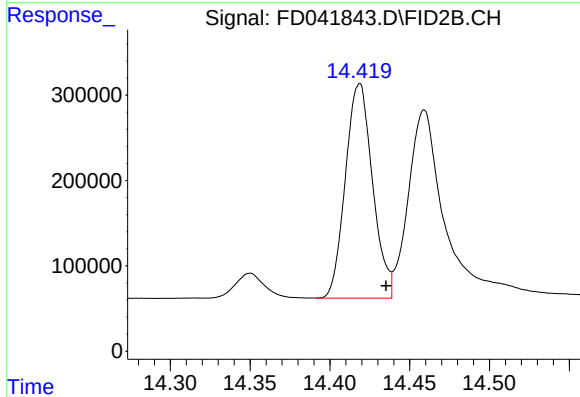
#12 Fluoranthene (C21.85)

R.T.: 12.254 min
Delta R.T.: -0.021 min
Response: 3776589
Conc: 22.48 ug/ml



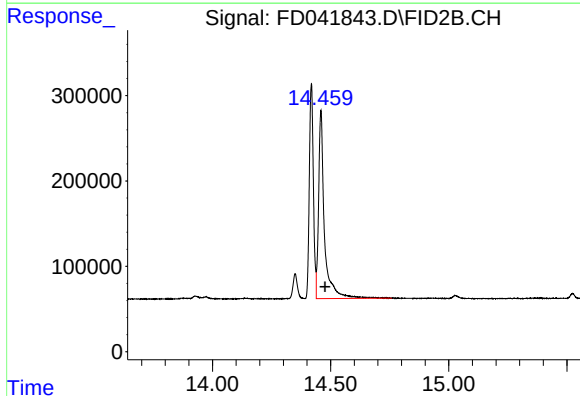
#13 Pyrene (C20.8)

R.T.: 12.547 min
Delta R.T.: -0.021 min
Response: 3549727
Conc: 21.17 ug/ml



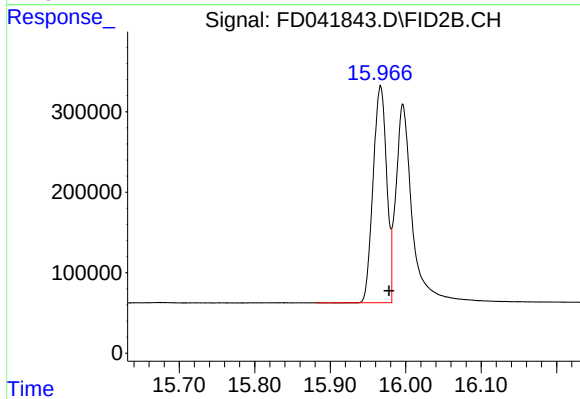
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.418 min
Delta R.T.: -0.017 min
Response: 2975054
Conc: 20.50 ug/ml



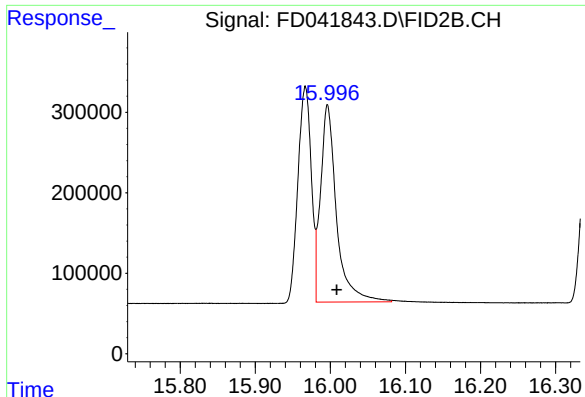
#15 Chrysene (C27.41)

R.T.: 14.459 min
Delta R.T.: -0.017 min
Response: 3813395
Conc: 23.16 ug/ml



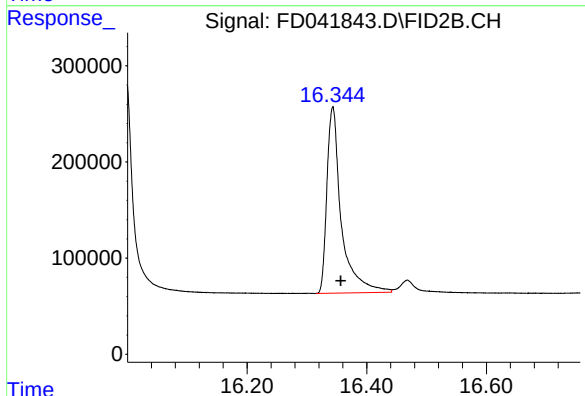
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.966 min
Delta R.T.: -0.012 min
Response: 3355559
Conc: 24.59 ug/ml



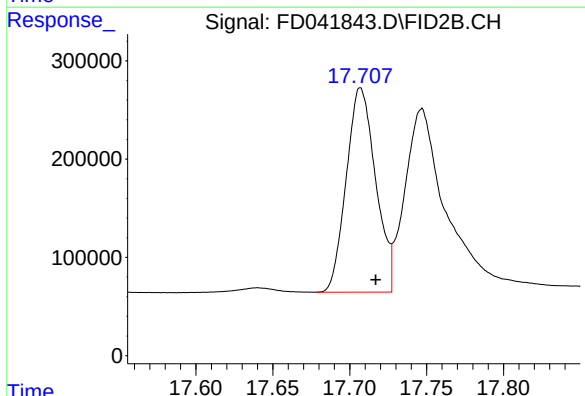
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.996 min
Delta R.T.: -0.013 min
Response: 3601965
Conc: 24.41 ug/ml m



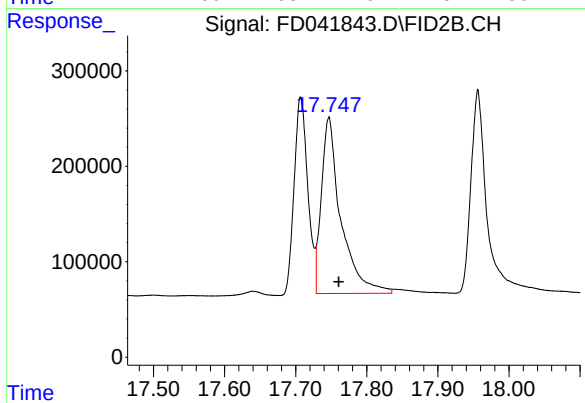
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.344 min
Delta R.T.: -0.013 min
Response: 3245807
Conc: 24.68 ug/ml m



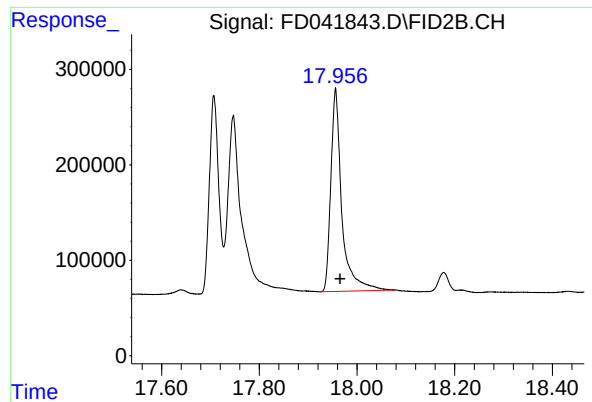
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.708 min
Delta R.T.: -0.009 min
Response: 2760072
Conc: 22.02 ug/ml



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

R.T.: 17.747 min
Delta R.T.: -0.014 min
Response: 3482196
Conc: 24.63 ug/ml m



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

R.T.: 17.956 min
Delta R.T.: -0.009 min
Response: 3318257
Conc: 25.63 ug/ml m