

Data Path : P:\HPCHEM1\FID_D\Data\FD042518AR\
 Data File : FD023288.D
 Signal(s) : FID2B.CH
 Acq On : 25 Apr 2018 17:50
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 26 01:53:29 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 24 21:25:16 2018
 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...	7.275	2563965	19.249 ug/ml
Spiked Amount 50.000		Recovery =	38.50%
6) S 2-Fluorobiphenyl (SURR)	8.136	1469403	21.163 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.33%
11) S ortho-Terphenyl (SURR)	11.145	2871538	20.661 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.089	2750726	19.969 ug/ml
2) T Naphthalene (C11.7)	5.618	2740489	20.321 ug/ml
3) T 2-Methylnaphthalene (...)	6.665	2691297	20.093 ug/ml
5) T Acenaphthylene (C15.06)	7.928	2818534	19.598 ug/ml
7) T Acenaphthene (C15.5)	8.218	3089747	18.547 ug/ml
8) T Fluorene (C16.55)	9.001	2785276	19.695 ug/ml
9) T Phenanthrene (C19.36)	10.390	2819625	21.297 ug/ml
10) T Anthracene (C19.43)	10.468	2853136	20.397 ug/ml
12) T Fluoranthene (C21.85)	12.197	3068420	22.085 ug/ml
13) T Pyrene (C20.8)	12.489	3154103	22.193 ug/ml
14) T Benzo[a]anthracene (C...	14.366	2945385	23.348 ug/ml
15) T Chrysene (C27.41)	14.407	3254236	20.901 ug/ml
16) T benzo[b]fluoranthene ...	15.921	3010168	22.197 ug/ml
17) T Bnezo[k]fluoranthene ...	15.953	3426496	21.019 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.305	3089370	21.555 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.683	2662935	20.584 ug/ml
20) T Dibenz[a,h]anthracene...	17.709	3609199	21.763 ug/ml
21) T Benzo[g,h,i]perylene ...	17.932	3099491	20.984 ug/ml

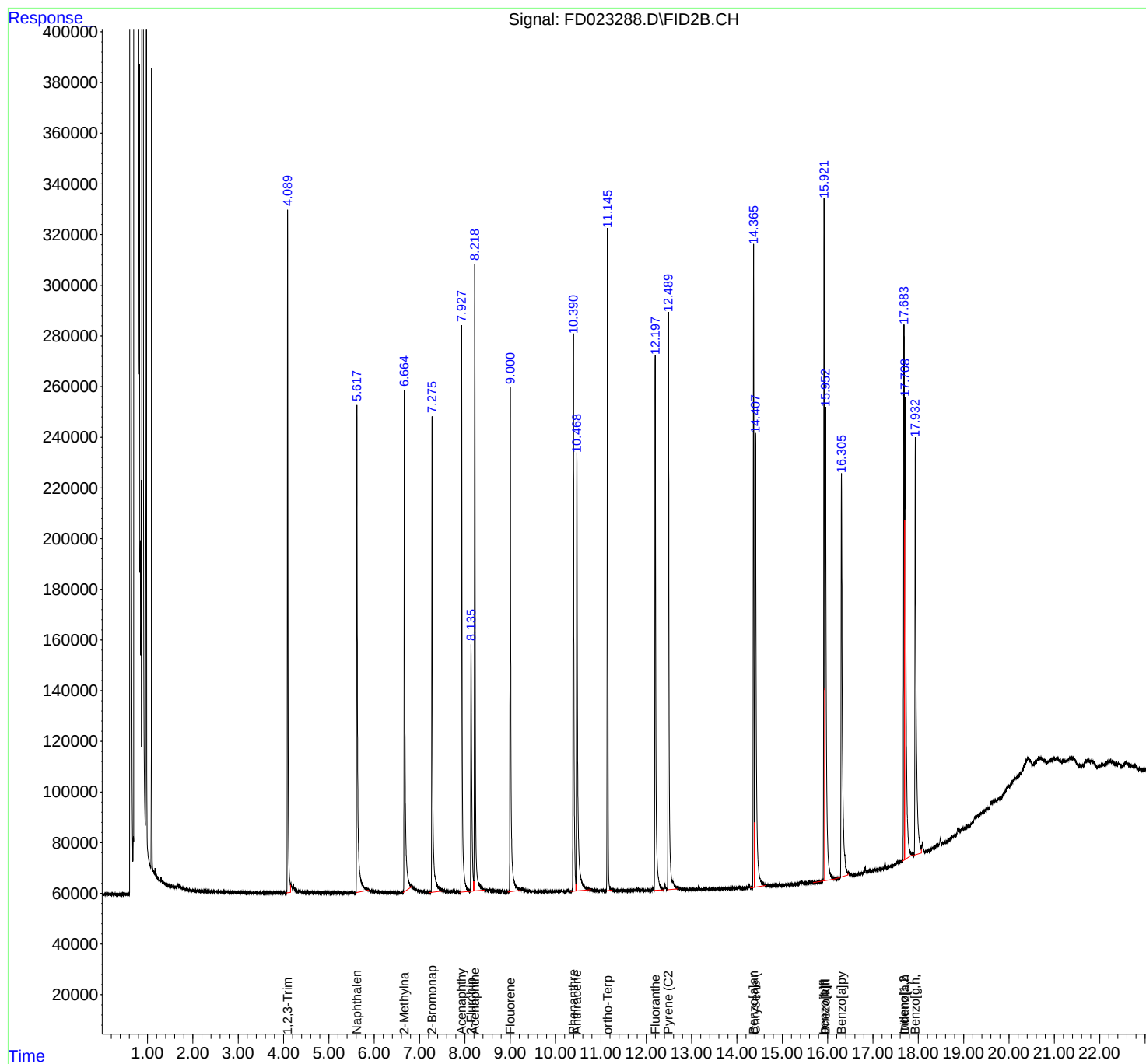
(f)=RT Delta > 1/2 Window

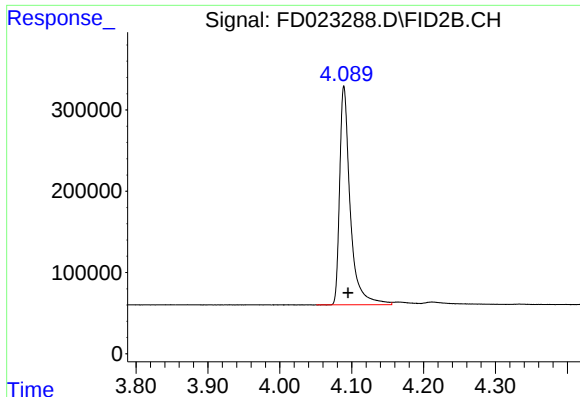
(m)=manual int.

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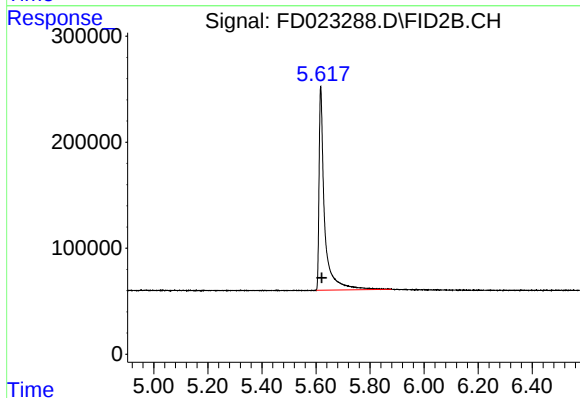
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





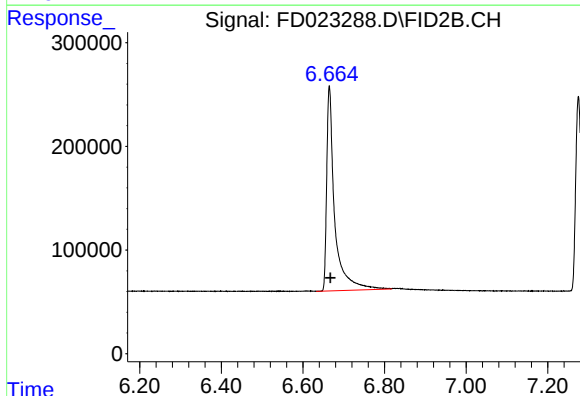
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.089 min
Delta R.T.: -0.005 min
Response: 2750726
Conc: 19.97 ug/ml



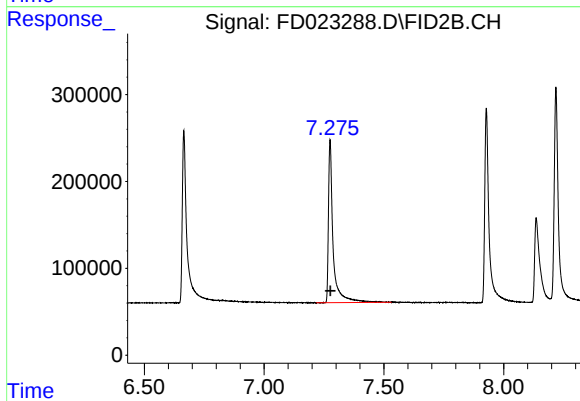
#2 Naphthalene (C11.7)

R.T.: 5.618 min
Delta R.T.: -0.004 min
Response: 2740489
Conc: 20.32 ug/ml



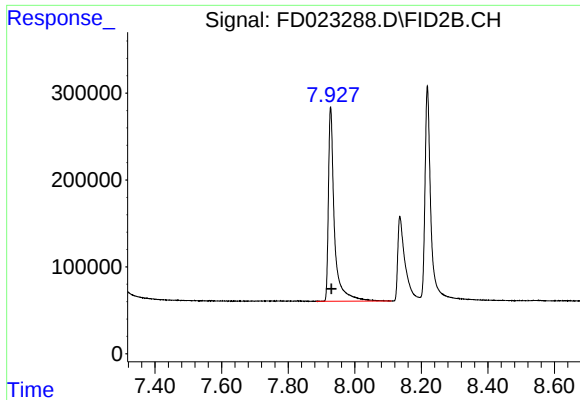
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.665 min
Delta R.T.: -0.003 min
Response: 2691297
Conc: 20.09 ug/ml



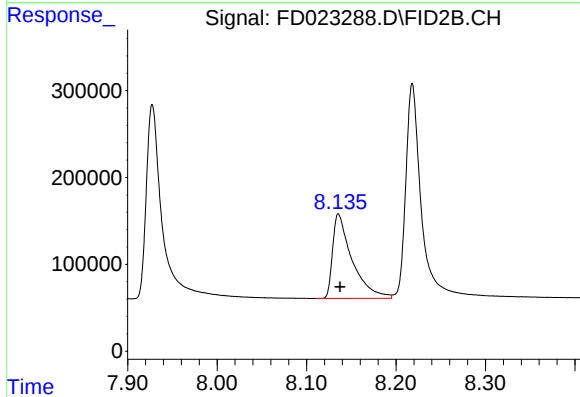
#4 2-Bromonaphthalene (SURR)

R.T.: 7.275 min
Delta R.T.: -0.002 min
Response: 2563965
Conc: 19.25 ug/ml



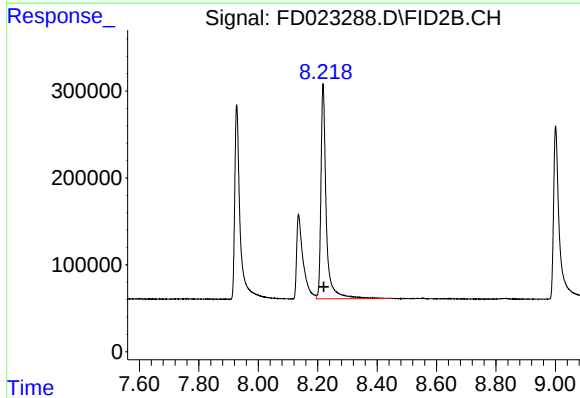
#5 Acenaphthylene (C15.06)

R.T.: 7.928 min
Delta R.T.: -0.002 min
Response: 2818534
Conc: 19.60 ug/ml



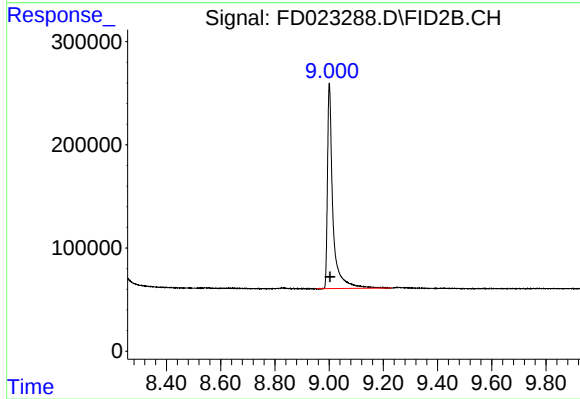
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.136 min
Delta R.T.: -0.002 min
Response: 1469403
Conc: 21.16 ug/ml



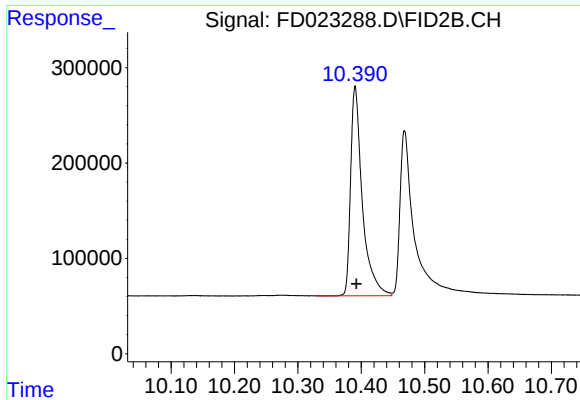
#7 Acenaphthene (C15.5)

R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 3089747
Conc: 18.55 ug/ml



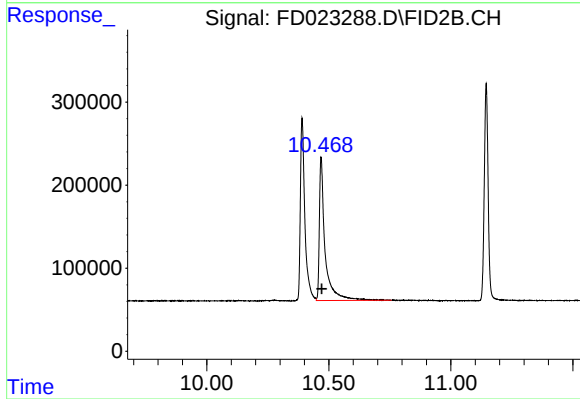
#8 Fluorene (C16.55)

R.T.: 9.001 min
Delta R.T.: -0.003 min
Response: 2785276
Conc: 19.70 ug/ml



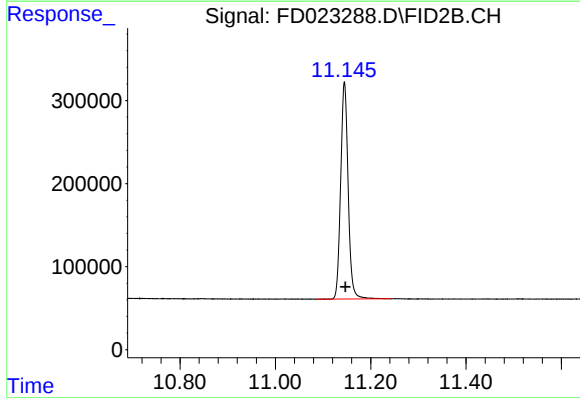
#9 Phenanthrene (C19.36)

R.T.: 10.390 min
Delta R.T.: -0.002 min
Response: 2819625
Conc: 21.30 ug/ml



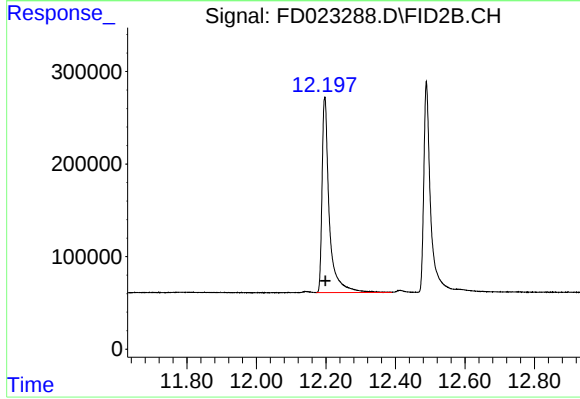
#10 Anthracene (C19.43)

R.T.: 10.468 min
Delta R.T.: -0.002 min
Response: 2853136
Conc: 20.40 ug/ml



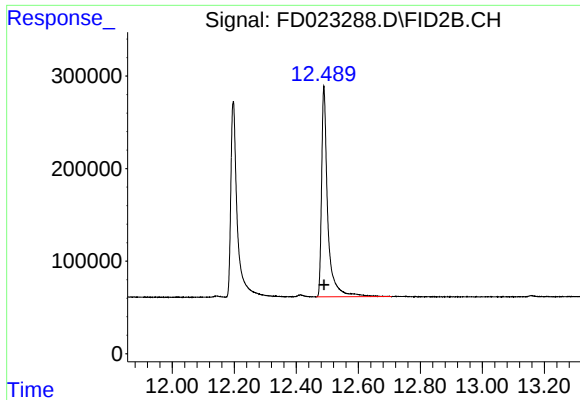
#11 ortho-Terphenyl (SURR)

R.T.: 11.145 min
Delta R.T.: -0.002 min
Response: 2871538
Conc: 20.66 ug/ml



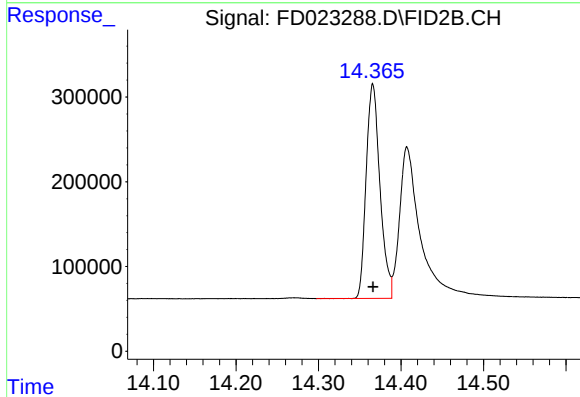
#12 Fluoranthene (C21.85)

R.T.: 12.197 min
Delta R.T.: -0.002 min
Response: 3068420
Conc: 22.09 ug/ml



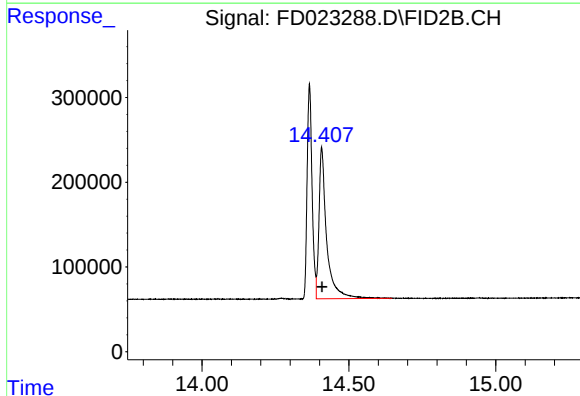
#13 Pyrene (C20.8)

R.T.: 12.489 min
Delta R.T.: 0.000 min
Response: 3154103
Conc: 22.19 ug/ml



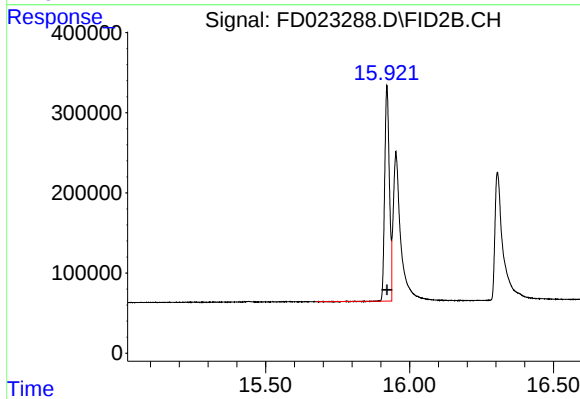
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.366 min
Delta R.T.: 0.000 min
Response: 2945385
Conc: 23.35 ug/ml



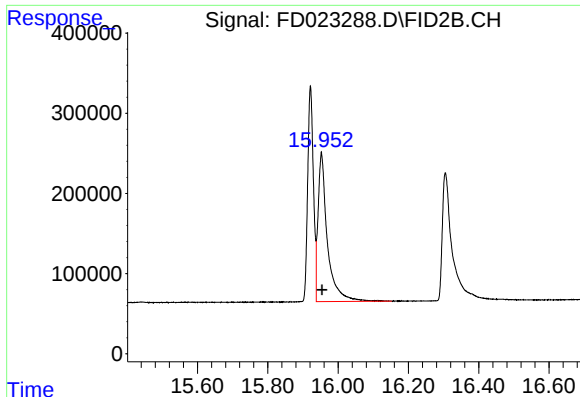
#15 Chrysene (C27.41)

R.T.: 14.407 min
Delta R.T.: -0.001 min
Response: 3254236
Conc: 20.90 ug/ml



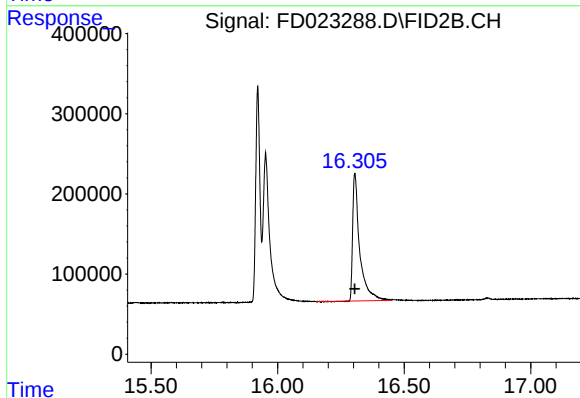
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.921 min
Delta R.T.: 0.000 min
Response: 3010168
Conc: 22.20 ug/ml



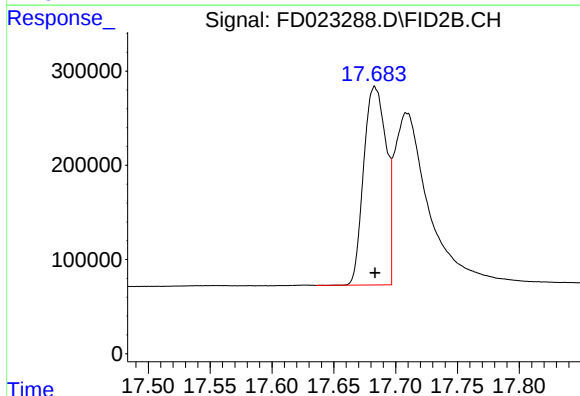
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.953 min
Delta R.T.: -0.002 min
Response: 3426496
Conc: 21.02 ug/ml



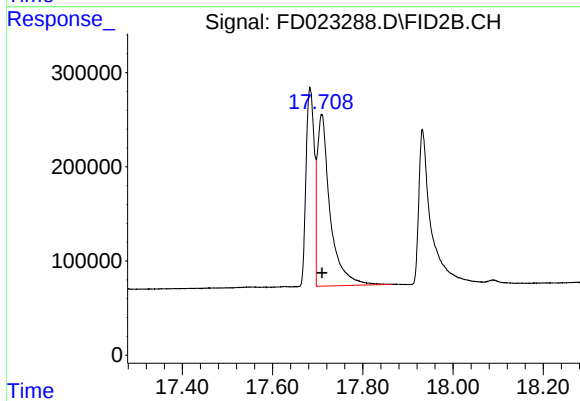
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.305 min
Delta R.T.: 0.000 min
Response: 3089370
Conc: 21.55 ug/ml



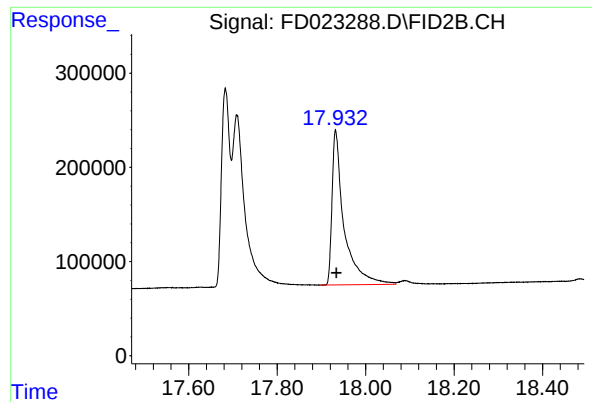
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.683 min
Delta R.T.: 0.000 min
Response: 2662935
Conc: 20.58 ug/ml



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

R.T.: 17.709 min
Delta R.T.: 0.000 min
Response: 3609199
Conc: 21.76 ug/ml



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

R.T.: 17.932 min
Delta R.T.: -0.002 min
Response: 3099491
Conc: 20.98 ug/ml