

Data Path : P:\HPCHEM1\FID_D\Data\FD032018AR\
 Data File : FD022592.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2018 15:13
 Operator : UA/AJ
 Sample : 50 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 06:56:06 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 06:52:26 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...	7.321	4402179	53.483 ug/ml
Spiked Amount 50.000		Recovery =	106.97%
6) S 2-Fluorobiphenyl (SURR)	8.180	2937445	55.877 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.75%
11) S ortho-Terphenyl (SURR)	11.207	5182026	51.065 ug/ml
Spiked Amount 50.000		Recovery =	102.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.129	4948543	54.718 ug/ml
2) T Naphthalene (C11.7)	5.659	4869566	55.628 ug/ml
3) T 2-Methylnaphthalene (...)	6.709	4849156	54.351 ug/ml
5) T Acenaphthylene (C15.06)	7.977	4983333	51.948 ug/ml
7) T Acenaphthene (C15.5)	8.272	5225744	50.612 ug/ml
8) T Fluorene (C16.55)	9.053	5112122	53.108 ug/ml
9) T Phenanthrene (C19.36)	10.446	5345762	52.630 ug/ml
10) T Anthracene (C19.43)	10.522	5334302	51.932 ug/ml
12) T Fluoranthene (C21.85)	12.256	5599013	51.687 ug/ml
13) T Pyrene (C20.8)	12.550	5582137	52.076 ug/ml
14) T Benzo[a]anthracene (C...	14.429	5384650	53.565 ug/ml
15) T Chrysene (C27.41)	14.472	5487438	49.961 ug/ml
16) T benzo[b]fluoranthene ...	15.988	5387698	53.556 ug/ml
17) T Bnezo[k]fluoranthene ...	16.020	5721444	49.741 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	5341081	51.842 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	3604899	55.226 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	5890917	47.511 ug/ml
21) T Benzo[g,h,i]perylene ...	17.997	4155741	50.374 ug/ml

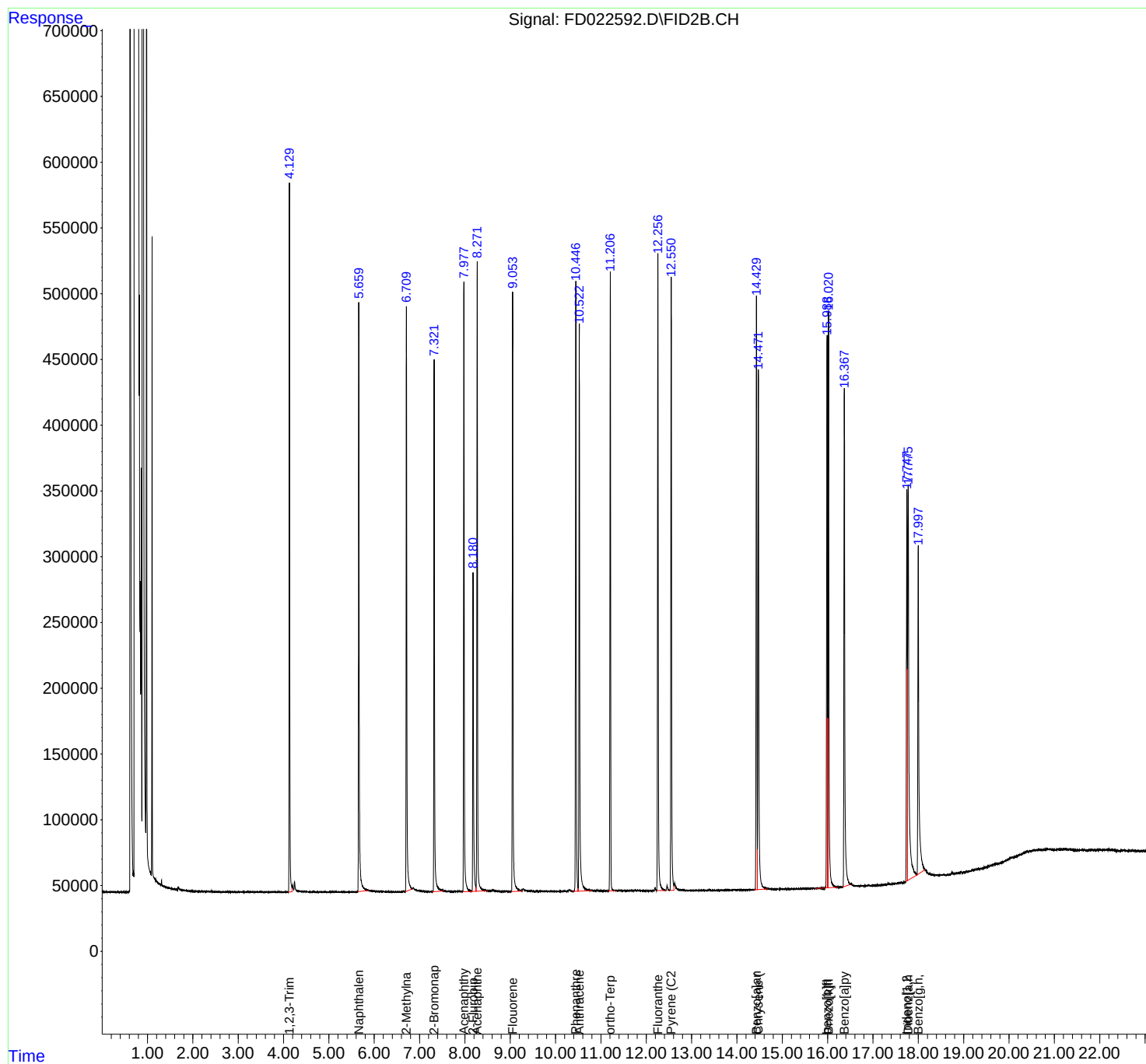
(f)=RT Delta > 1/2 Window

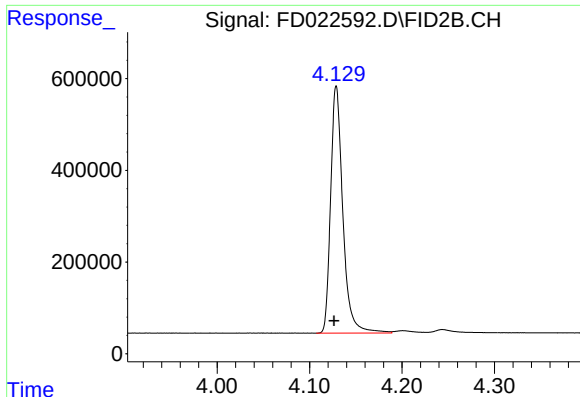
(m)=manual int.

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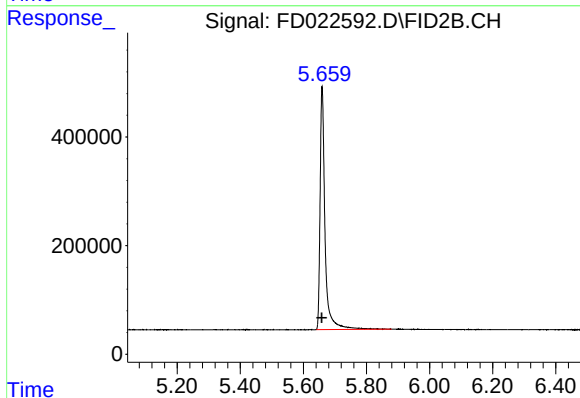
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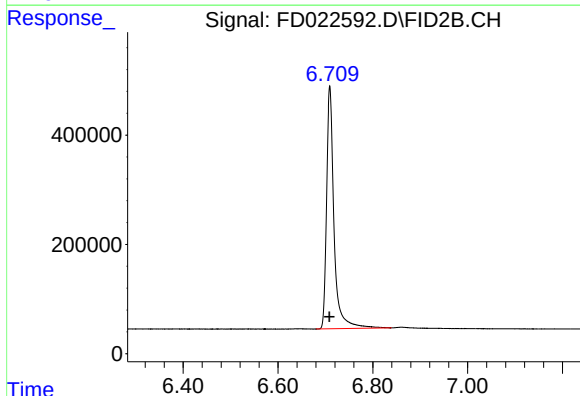
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.129 min
Delta R.T.: 0.002 min
Response: 4948543
Conc: 54.72 ug/ml



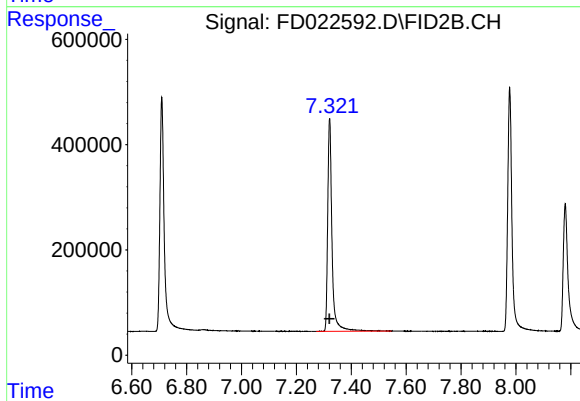
#2 Naphthalene (C11.7)

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 4869566
Conc: 55.63 ug/ml



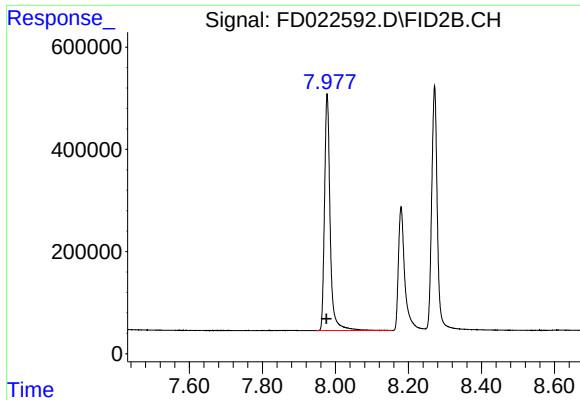
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.709 min
Delta R.T.: 0.001 min
Response: 4849156
Conc: 54.35 ug/ml



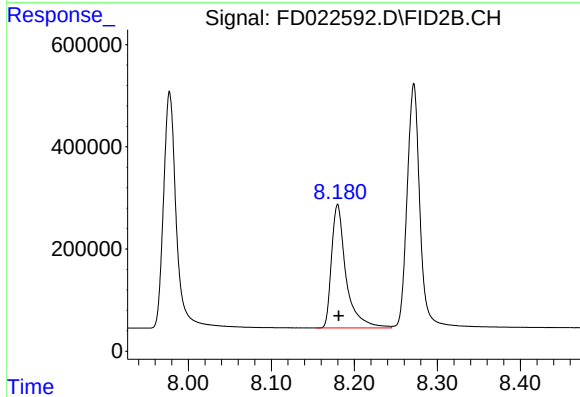
#4 2-Bromonaphthalene (SURR)

R.T.: 7.321 min
Delta R.T.: 0.001 min
Response: 4402179
Conc: 53.48 ug/ml



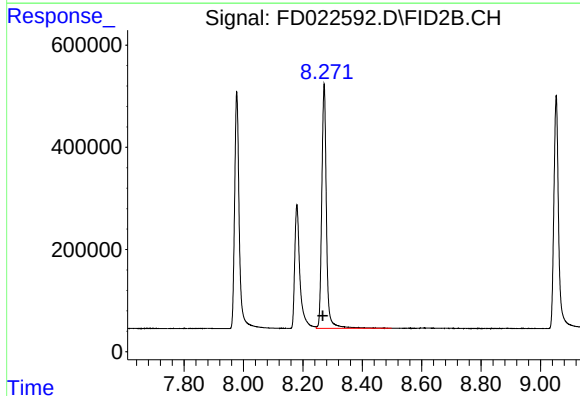
#5 Acenaphthylene (C15.06)

R.T.: 7.977 min
Delta R.T.: 0.002 min
Response: 4983333
Conc: 51.95 ug/ml



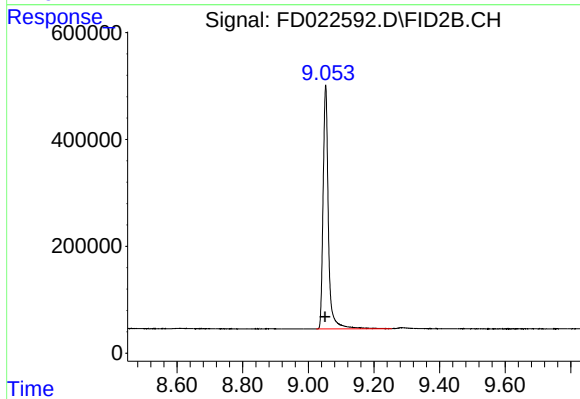
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.001 min
Response: 2937445
Conc: 55.88 ug/ml



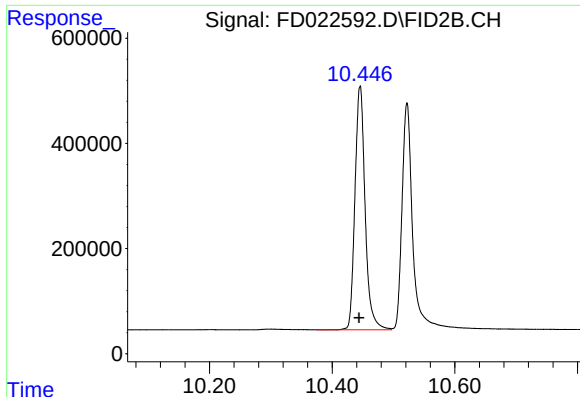
#7 Acenaphthene (C15.5)

R.T.: 8.272 min
Delta R.T.: 0.004 min
Response: 5225744
Conc: 50.61 ug/ml



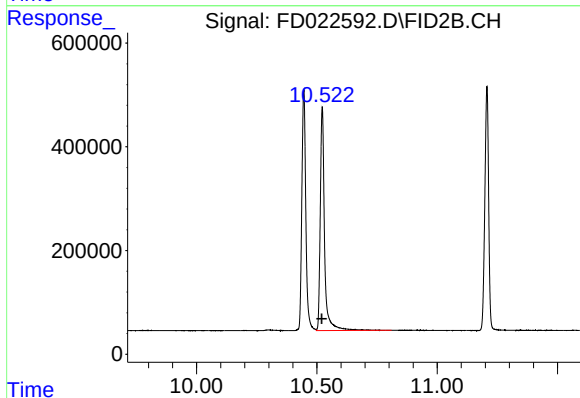
#8 Fluorene (C16.55)

R.T.: 9.053 min
Delta R.T.: 0.003 min
Response: 5112122
Conc: 53.11 ug/ml



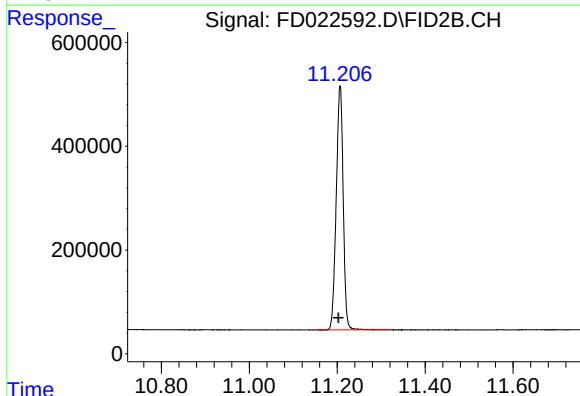
#9 Phenanthrene (C19.36)

R.T.: 10.446 min
Delta R.T.: 0.002 min
Response: 5345762
Conc: 52.63 ug/ml



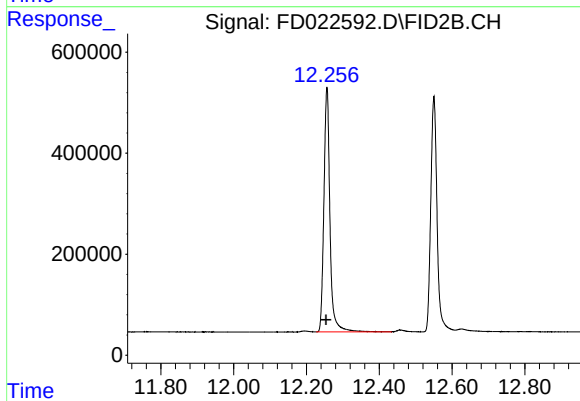
#10 Anthracene (C19.43)

R.T.: 10.522 min
Delta R.T.: 0.002 min
Response: 5334302
Conc: 51.93 ug/ml



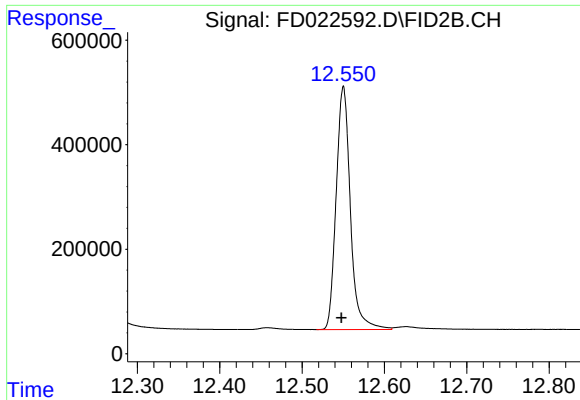
#11 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: 0.004 min
Response: 5182026
Conc: 51.06 ug/ml



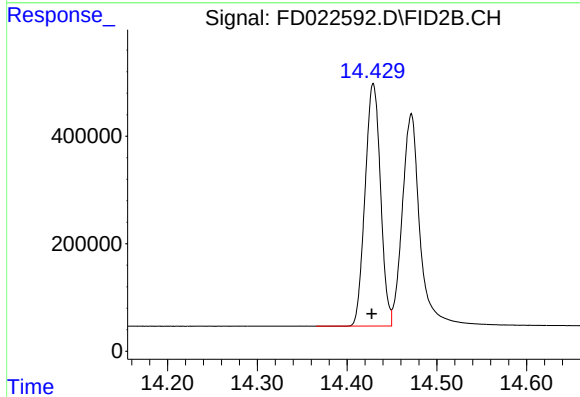
#12 Fluoranthene (C21.85)

R.T.: 12.256 min
Delta R.T.: 0.003 min
Response: 5599013
Conc: 51.69 ug/ml



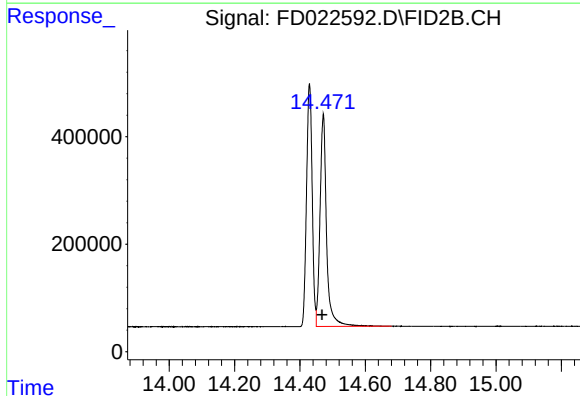
#13 Pyrene (C20.8)

R.T.: 12.550 min
Delta R.T.: 0.003 min
Response: 5582137
Conc: 52.08 ug/ml



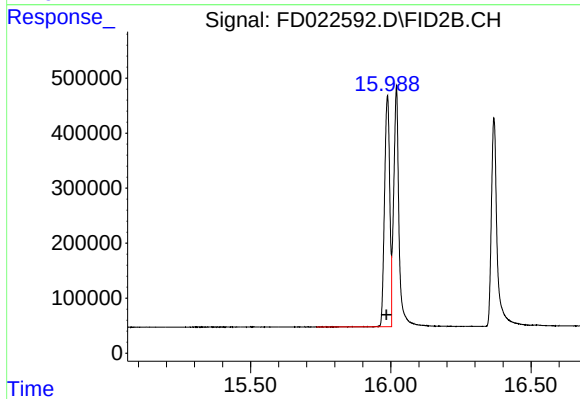
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.429 min
Delta R.T.: 0.002 min
Response: 5384650
Conc: 53.56 ug/ml



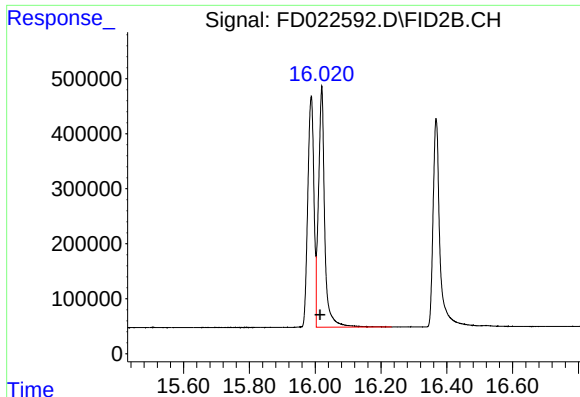
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: 0.004 min
Response: 5487438
Conc: 49.96 ug/ml



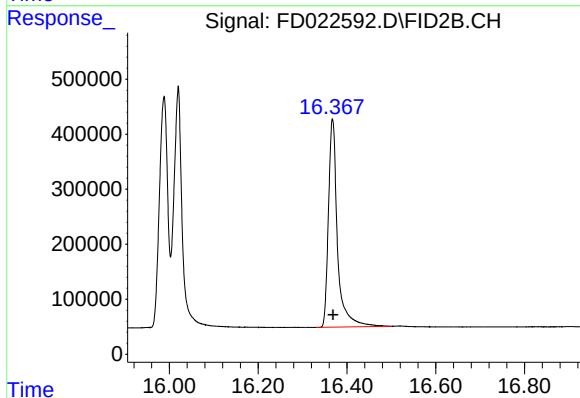
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.988 min
Delta R.T.: 0.004 min
Response: 5387698
Conc: 53.56 ug/ml



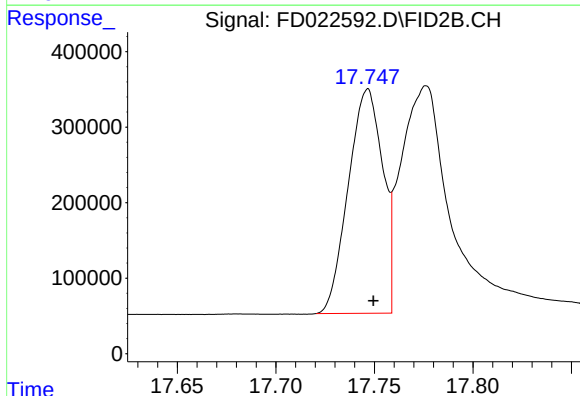
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.020 min
Delta R.T.: 0.006 min
Response: 5721444
Conc: 49.74 ug/ml



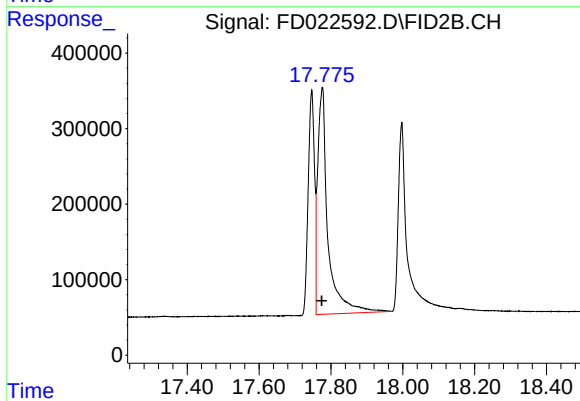
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: 0.000 min
Response: 5341081
Conc: 51.84 ug/ml



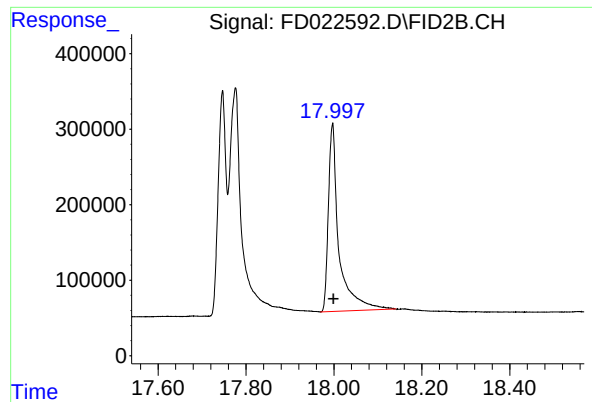
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: -0.003 min
Response: 3604899
Conc: 55.23 ug/ml



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

R.T.: 17.776 min
Delta R.T.: 0.001 min
Response: 5890917
Conc: 47.51 ug/ml



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

R.T.: 17.997 min
Delta R.T.: -0.002 min
Response: 4155741
Conc: 50.37 ug/ml