

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071122AR\
 Data File : FD043216.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jul 2022 15:15
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 12 02:44:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.625	2958920	19.163 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
6) S 2-Fluorobiphenyl (SURR)	8.488	1903434	18.046 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.09%
11) S ortho-Terphenyl (SURR)	11.532	3443135	18.944 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.422	3365216	20.037 ug/ml
2) T Naphthalene (C11.7)	5.961	3408558	19.470 ug/ml
3) T 2-Methylnaphthalene (...)	7.014	3071281	19.095 ug/ml
5) T Acenaphthylene (C15.06)	8.291	3256939	18.323 ug/ml
7) T Acenaphthene (C15.5)	8.587	3354598	19.157 ug/ml
8) T Flouorene (C16.55)	9.368	3170601	18.291 ug/ml
9) T Phenanthrene (C19.36)	10.765	3029707	17.665 ug/ml
10) T Anthracene (C19.43)	10.839	2825160	16.629 ug/ml
12) T Fluoranthene (C21.85)	12.577	2913190	17.370 ug/ml
14) T Benzo[a]anthracene (C...	14.790	2782113	17.915 ug/ml
15) T Chrysene (C27.41)	14.790	2782113	17.627 ug/ml
16) T benzo[b]fluoranthene ...	16.330	2677931	17.568 ug/ml
17) T Bnezo[k]fluoranthene ...	16.330	2677931	18.297 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.676	2480465	17.342 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.079	2223300	17.767 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	2223300	16.538 ug/ml
21) T Benzo[g,h,i]perylene ...	18.292	2115068	16.216 ug/ml

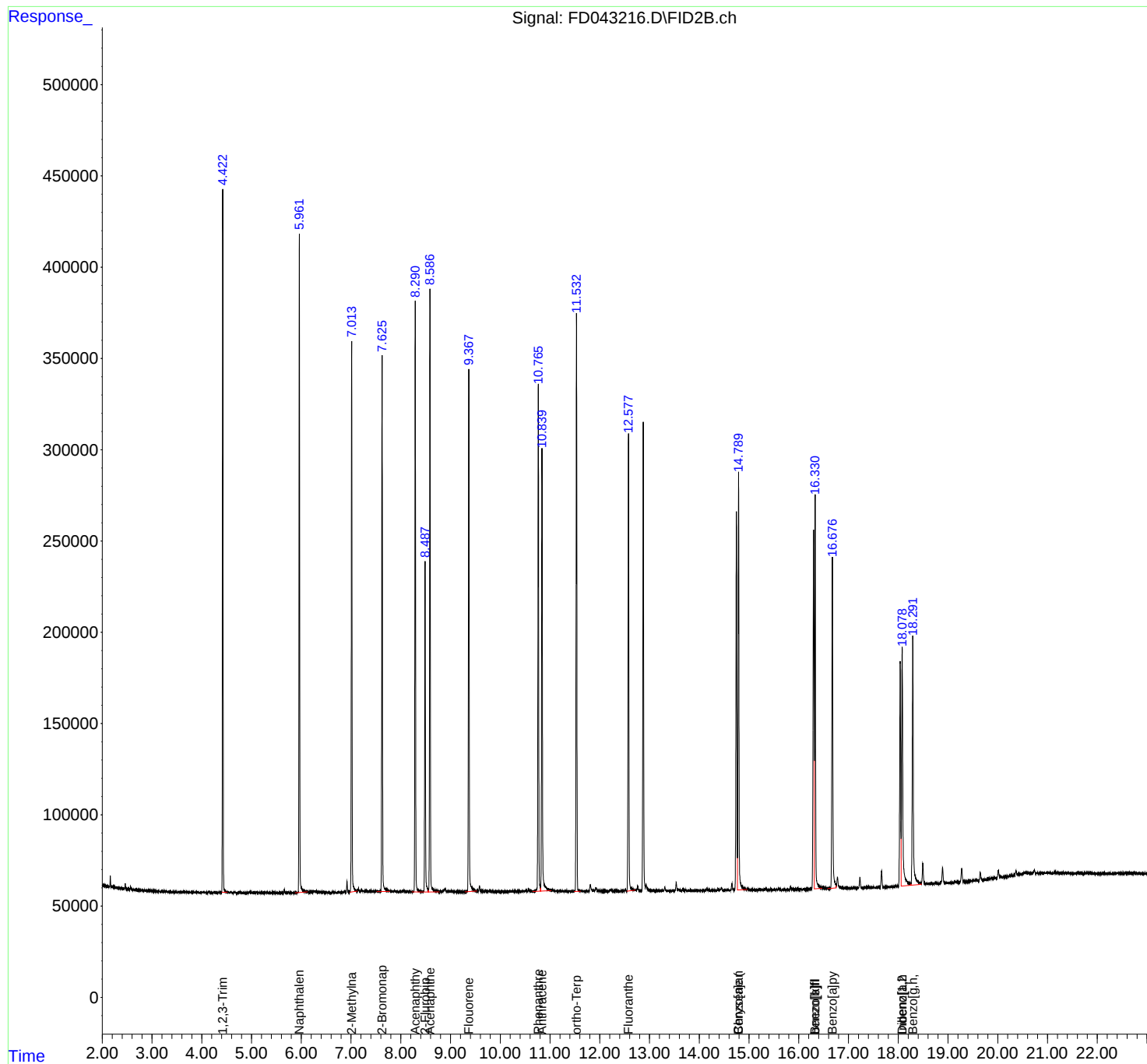
(f)=RT Delta > 1/2 Window

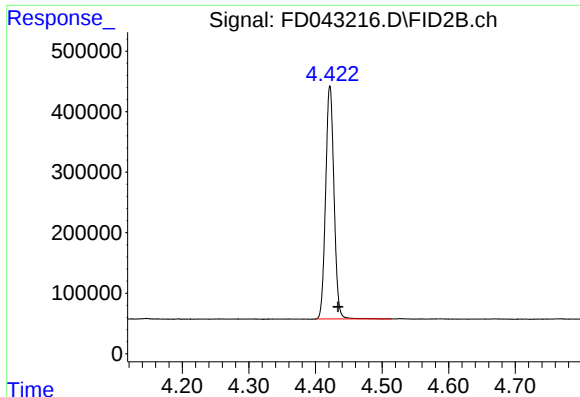
(m)=manual int.

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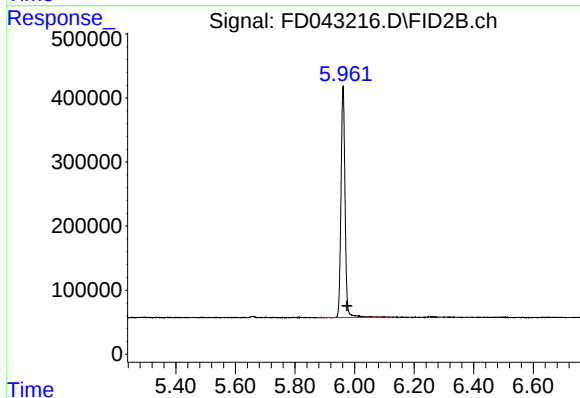
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





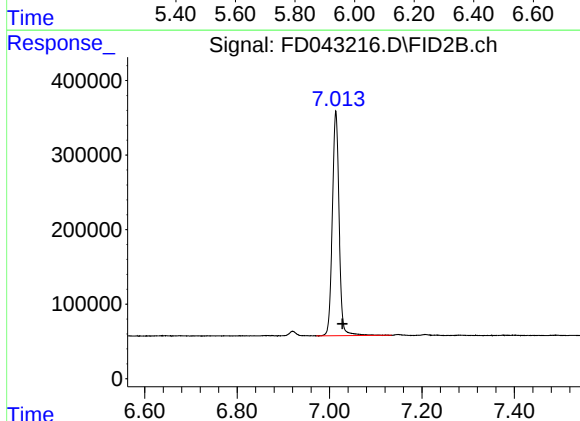
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.422 min
Delta R.T.: -0.012 min
Response: 3365216
Conc: 20.04 ug/ml



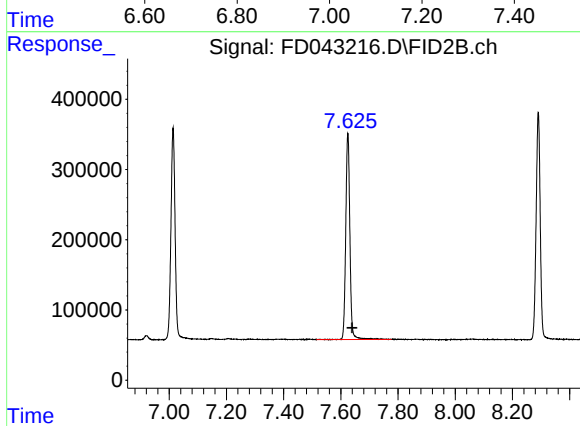
#2 Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.014 min
Response: 3408558
Conc: 19.47 ug/ml



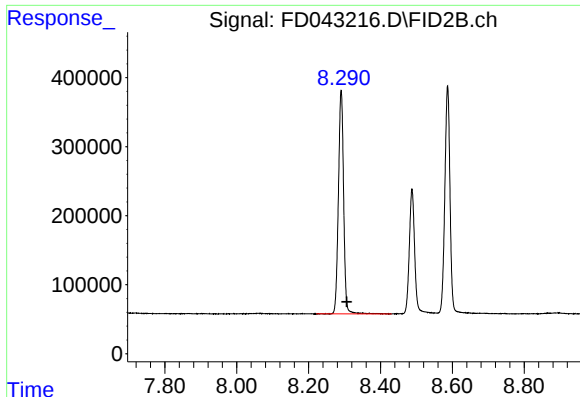
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: -0.014 min
Response: 3071281
Conc: 19.09 ug/ml



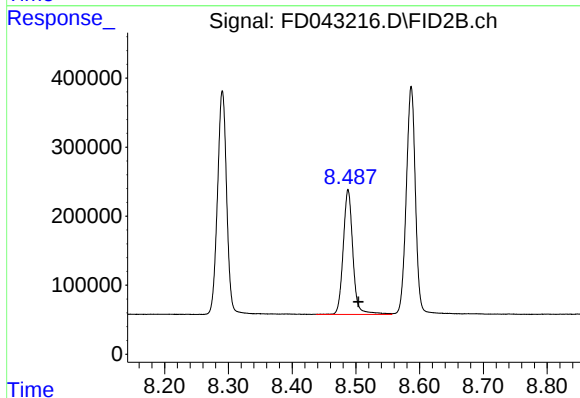
#4 2-Bromonaphthalene (SURR)

R.T.: 7.625 min
Delta R.T.: -0.015 min
Response: 2958920
Conc: 19.16 ug/ml



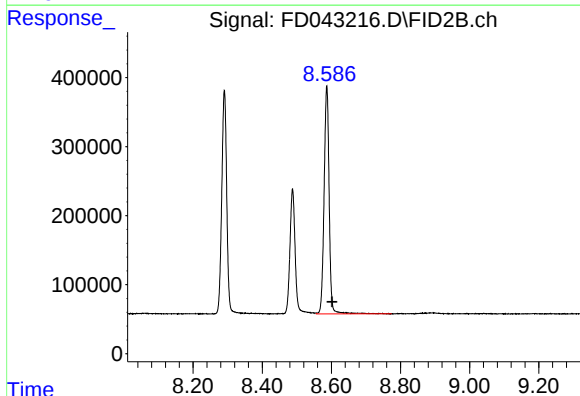
#5 Acenaphthylene (C15.06)

R.T.: 8.291 min
Delta R.T.: -0.015 min
Response: 3256939
Conc: 18.32 ug/ml



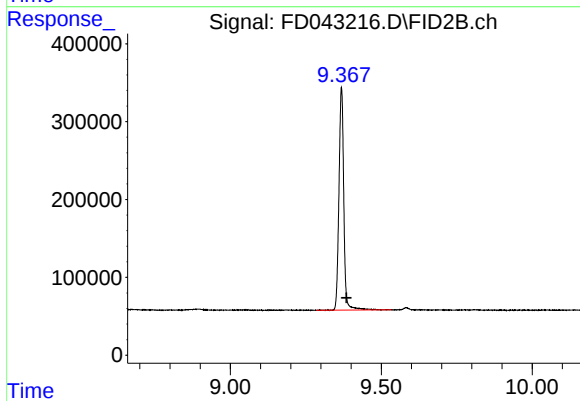
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.488 min
Delta R.T.: -0.016 min
Response: 1903434
Conc: 18.05 ug/ml



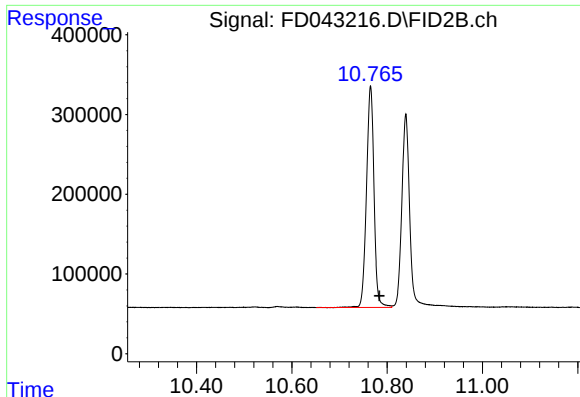
#7 Acenaphthene (C15.5)

R.T.: 8.587 min
Delta R.T.: -0.015 min
Response: 3354598
Conc: 19.16 ug/ml



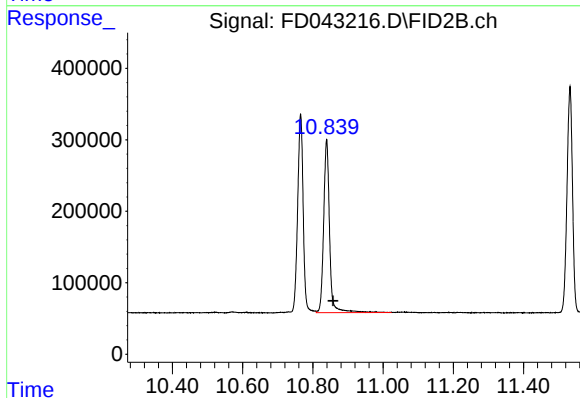
#8 Fluorene (C16.55)

R.T.: 9.368 min
Delta R.T.: -0.016 min
Response: 3170601
Conc: 18.29 ug/ml



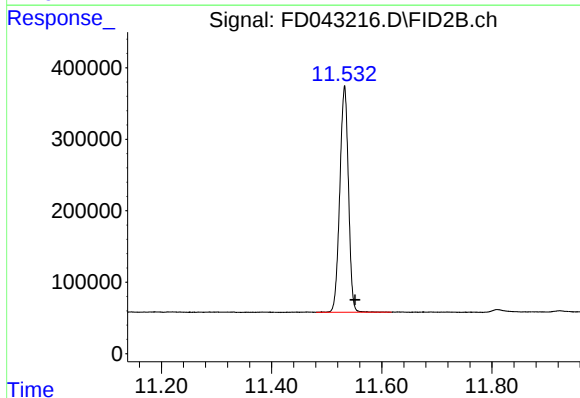
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: -0.019 min
Response: 3029707
Conc: 17.66 ug/ml



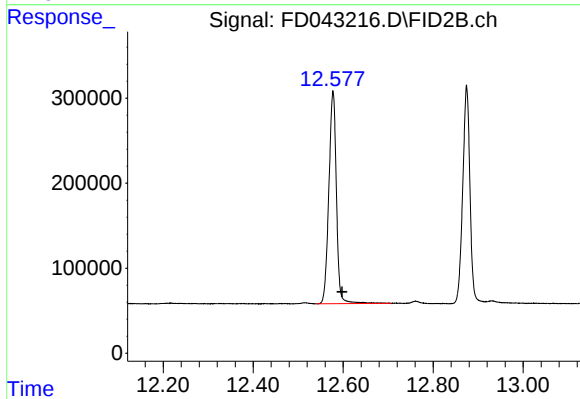
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: -0.019 min
Response: 2825160
Conc: 16.63 ug/ml



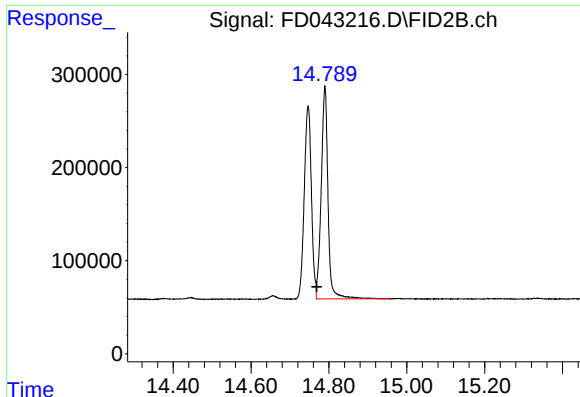
#11 ortho-Terphenyl (SURR)

R.T.: 11.532 min
Delta R.T.: -0.019 min
Response: 3443135
Conc: 18.94 ug/ml



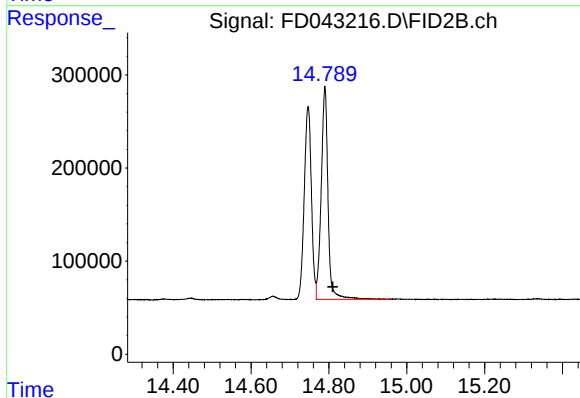
#12 Fluoranthene (C21.85)

R.T.: 12.577 min
Delta R.T.: -0.020 min
Response: 2913190
Conc: 17.37 ug/ml



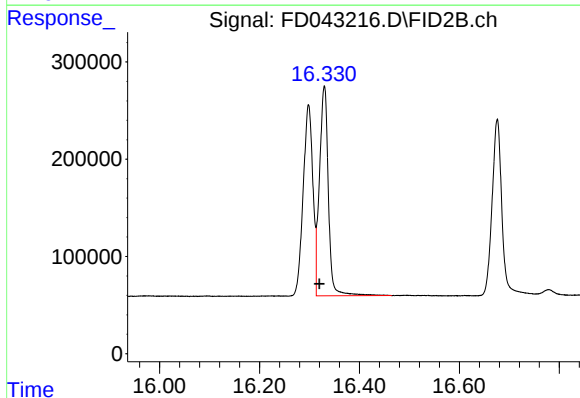
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.790 min
Delta R.T.: 0.021 min
Response: 2782113
Conc: 17.91 ug/ml



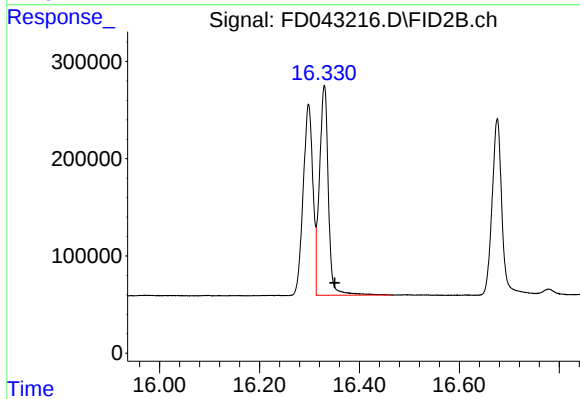
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: -0.020 min
Response: 2782113
Conc: 17.63 ug/ml



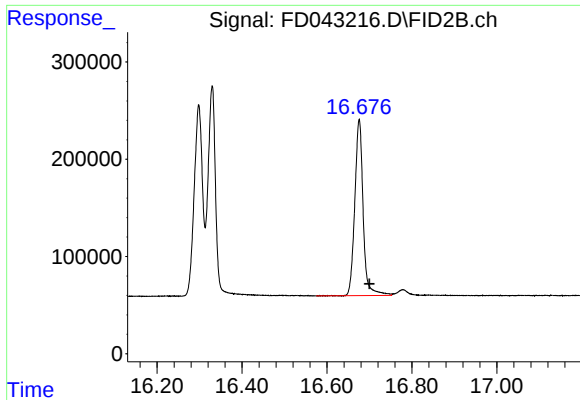
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.330 min
Delta R.T.: 0.010 min
Response: 2677931
Conc: 17.57 ug/ml



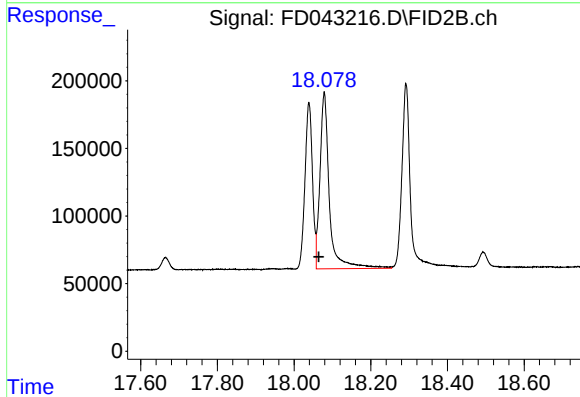
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.330 min
Delta R.T.: -0.021 min
Response: 2677931
Conc: 18.30 ug/ml



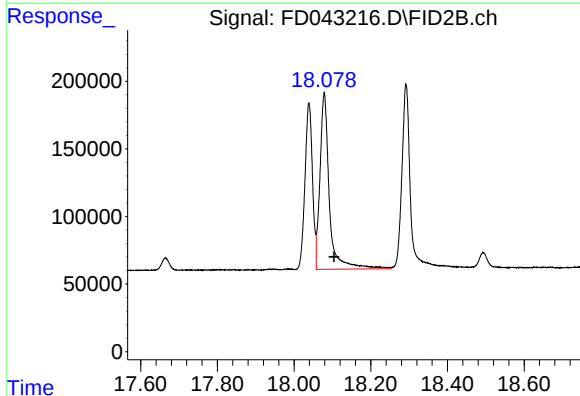
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: -0.024 min
Response: 2480465
Conc: 17.34 ug/ml



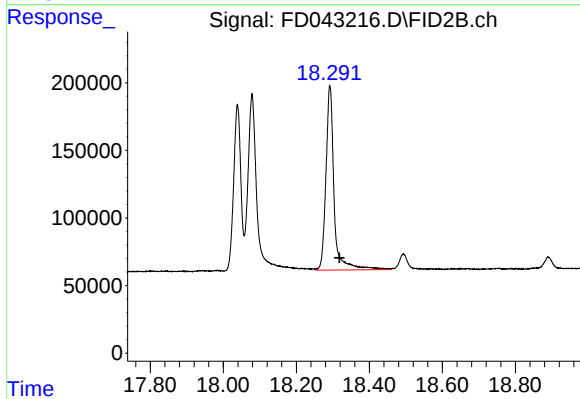
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.079 min
Delta R.T.: 0.015 min
Response: 2223300
Conc: 17.77 ug/ml



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

R.T.: 18.079 min
Delta R.T.: -0.026 min
Response: 2223300
Conc: 16.54 ug/ml



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

R.T.: 18.292 min
Delta R.T.: -0.026 min
Response: 2115068
Conc: 16.22 ug/ml