

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072522AR\
 Data File : FD043337.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jul 2022 20:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 26 03:21:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 17:39:38 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...	7.618	2870832	20.296 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
6) S 2-Fluorobiphenyl (SURR)	8.480	1944028	20.449 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.90%
11) S ortho-Terphenyl (SURR)	11.527	3404484	20.087 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.411	3174675	20.242 ug/ml
2) T Naphthalene (C11.7)	5.952	3290731	20.352 ug/ml
3) T 2-Methylnaphthalene (...)	7.006	2973906	20.310 ug/ml
5) T Acenaphthylene (C15.06)	8.283	3280461	20.207 ug/ml
7) T Acenaphthene (C15.5)	8.580	3267774	20.212 ug/ml
8) T Fluorene (C16.55)	9.361	3202316	20.436 ug/ml
9) T Phenanthrene (C19.36)	10.759	3181136	20.298 ug/ml
10) T Anthracene (C19.43)	10.833	3112330	20.208 ug/ml
12) T Fluoranthene (C21.85)	12.571	3179168	20.072 ug/ml
13) T Pyrene (C20.8)	12.868	3128915	19.909 ug/ml
14) T Benzo[a]anthracene (C...	14.742	2960708	20.068 ug/ml
15) T Chrysene (C27.41)	14.784	3090251	19.776 ug/ml
16) T benzo[b]fluoranthene ...	16.294	2966910	19.834 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	2962127	19.740 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	2812659	19.899 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	2313236	19.573 ug/ml
20) T Dibenz[a,h]anthracene...	18.075	2830999	19.959 ug/ml
21) T Benzo[g,h,i]perylene ...	18.288	2556337	19.657 ug/ml

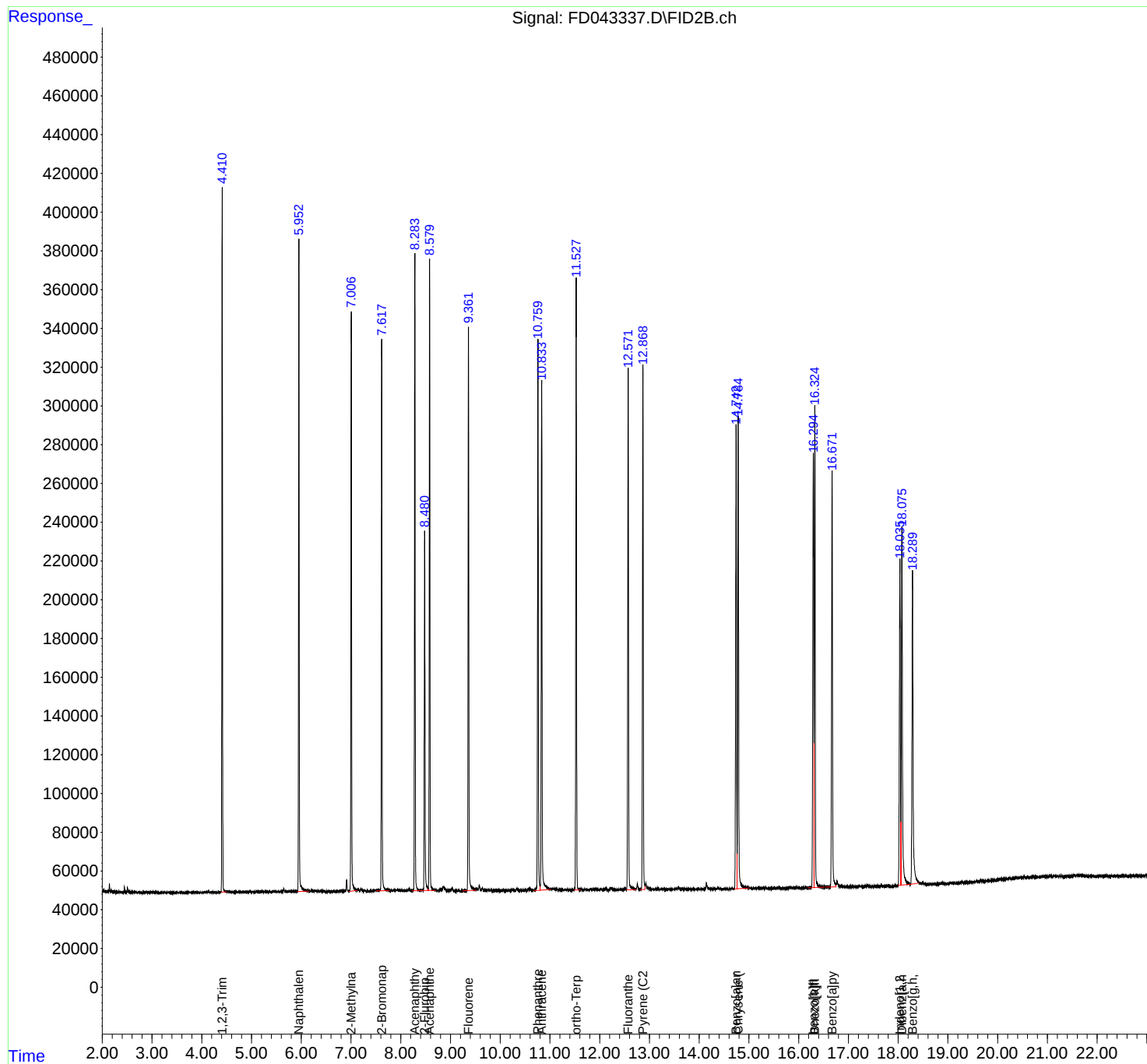
(f)=RT Delta > 1/2 Window

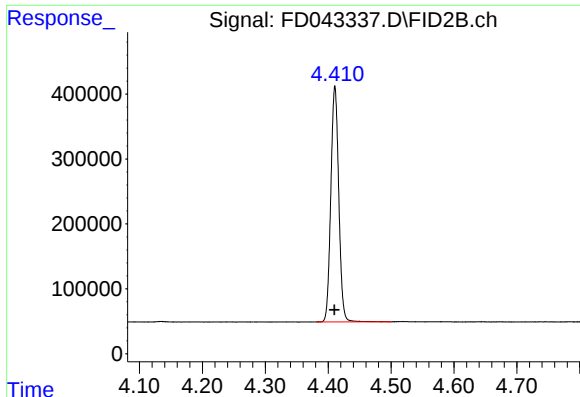
(m)=manual int.

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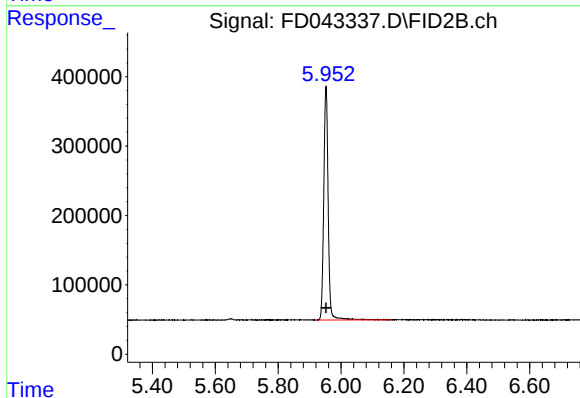
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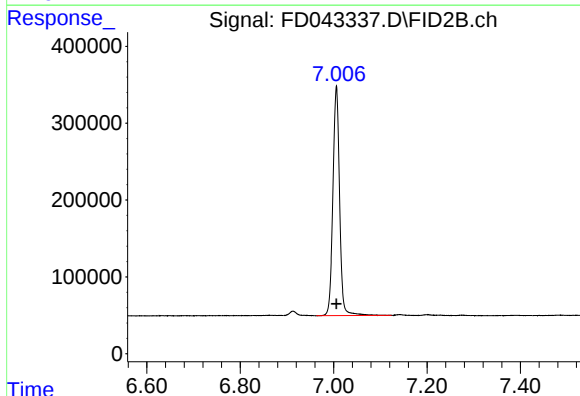
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 3174675
Conc: 20.24 ug/ml



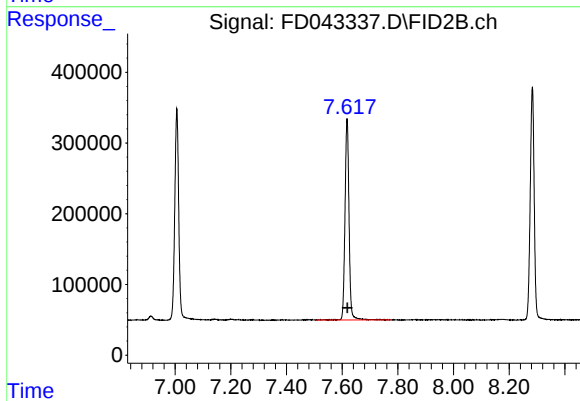
#2 Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 3290731
Conc: 20.35 ug/ml



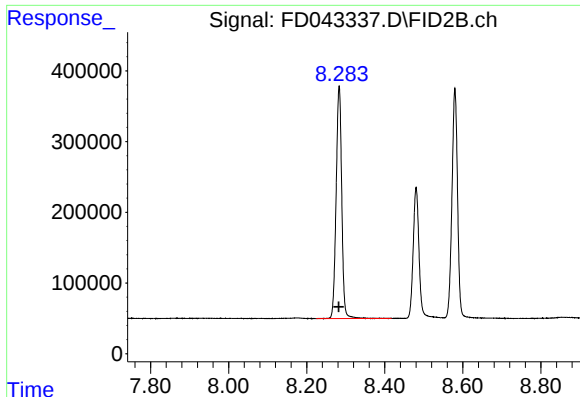
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2973906
Conc: 20.31 ug/ml



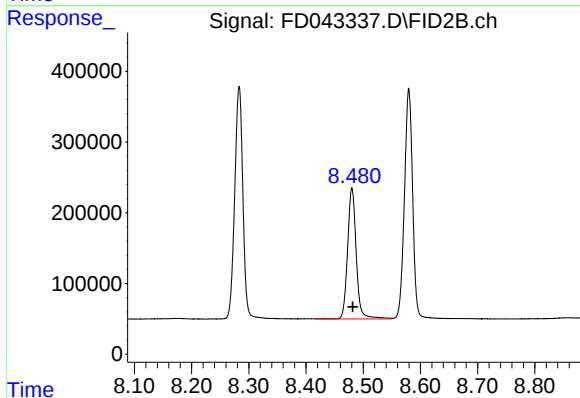
#4 2-Bromonaphthalene (SURR)

R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 2870832
Conc: 20.30 ug/ml



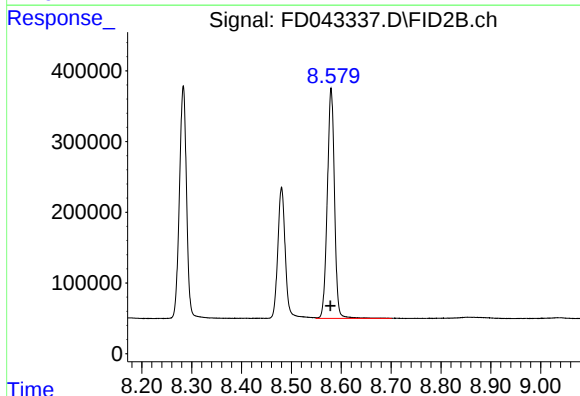
#5 Acenaphthylene (C15.06)

R.T.: 8.283 min
Delta R.T.: 0.000 min
Response: 3280461
Conc: 20.21 ug/ml



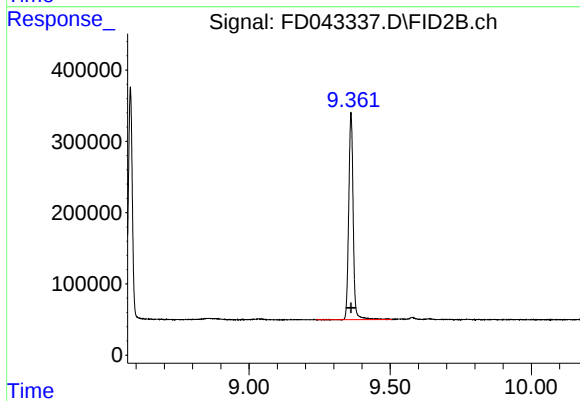
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.480 min
Delta R.T.: -0.001 min
Response: 1944028
Conc: 20.45 ug/ml



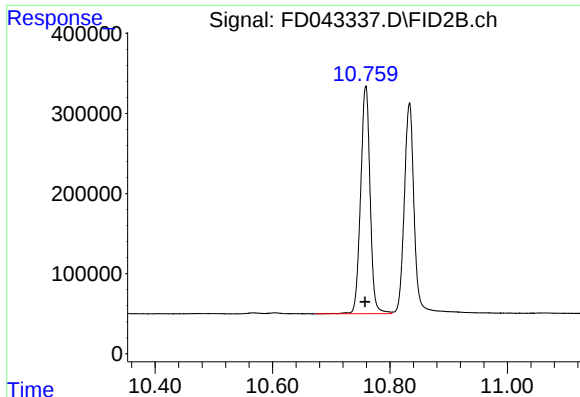
#7 Acenaphthene (C15.5)

R.T.: 8.580 min
Delta R.T.: 0.002 min
Response: 3267774
Conc: 20.21 ug/ml



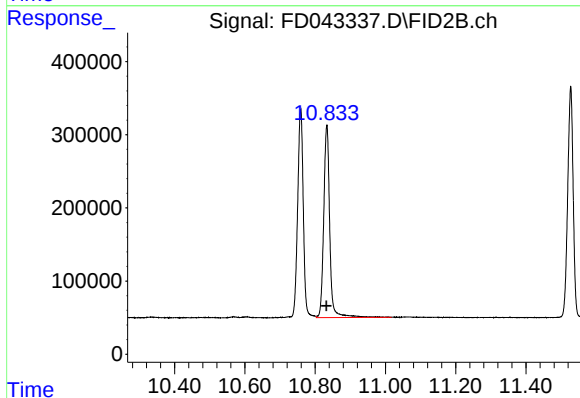
#8 Fluorene (C16.55)

R.T.: 9.361 min
Delta R.T.: 0.000 min
Response: 3202316
Conc: 20.44 ug/ml



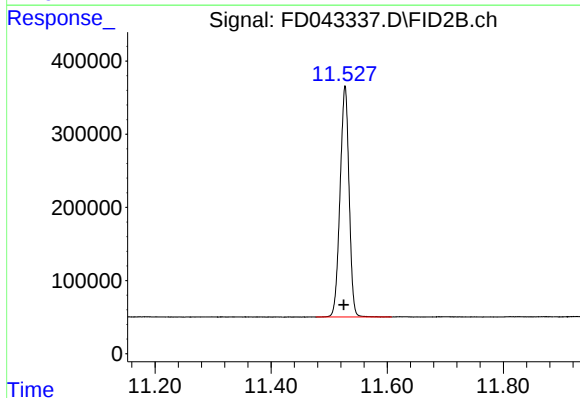
#9 Phenanthrene (C19.36)

R.T.: 10.759 min
Delta R.T.: 0.001 min
Response: 3181136
Conc: 20.30 ug/ml



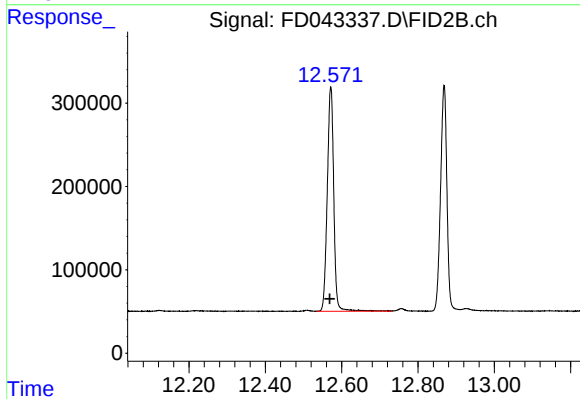
#10 Anthracene (C19.43)

R.T.: 10.833 min
Delta R.T.: 0.000 min
Response: 3112330
Conc: 20.21 ug/ml



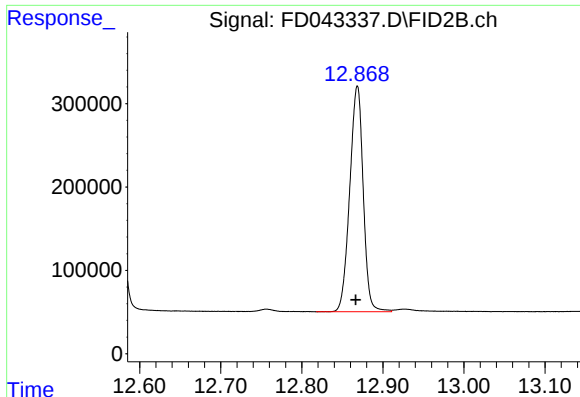
#11 ortho-Terphenyl (SURR)

R.T.: 11.527 min
Delta R.T.: 0.002 min
Response: 3404484
Conc: 20.09 ug/ml



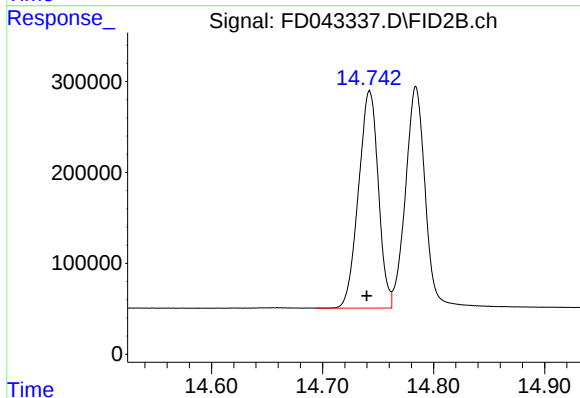
#12 Fluoranthene (C21.85)

R.T.: 12.571 min
Delta R.T.: 0.002 min
Response: 3179168
Conc: 20.07 ug/ml



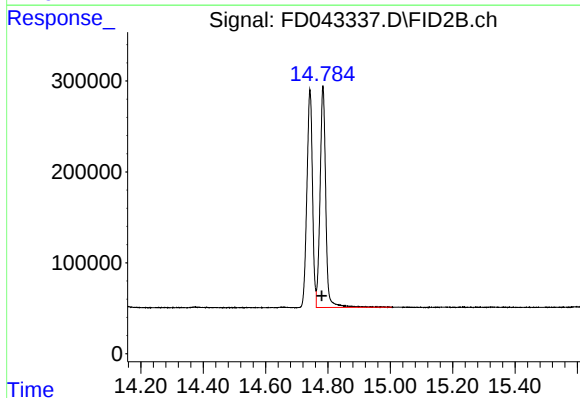
#13 Pyrene (C20.8)

R.T.: 12.868 min
Delta R.T.: 0.002 min
Response: 3128915
Conc: 19.91 ug/ml



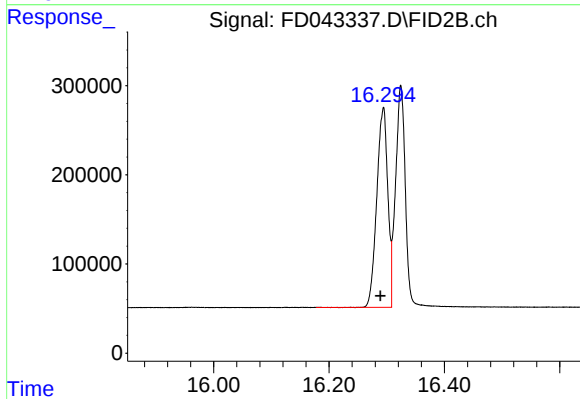
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.742 min
Delta R.T.: 0.003 min
Response: 2960708
Conc: 20.07 ug/ml



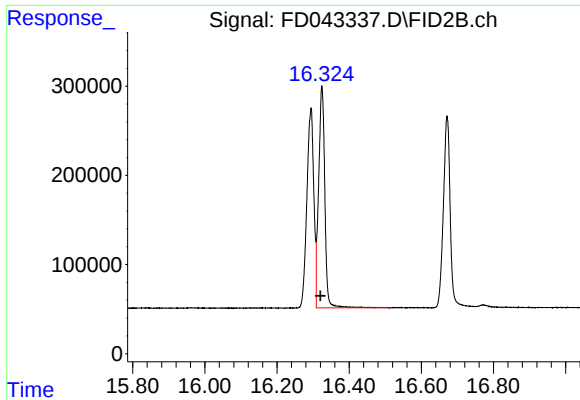
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.004 min
Response: 3090251
Conc: 19.78 ug/ml



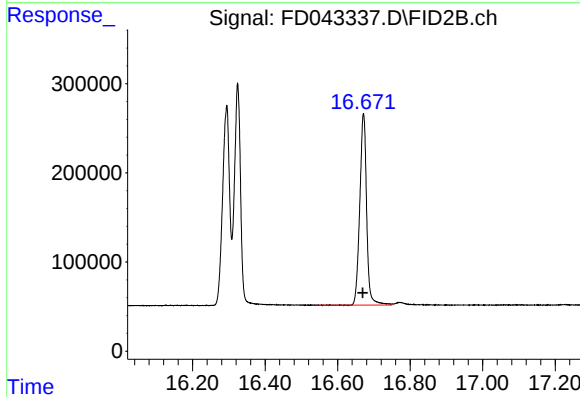
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.294 min
Delta R.T.: 0.005 min
Response: 2966910
Conc: 19.83 ug/ml



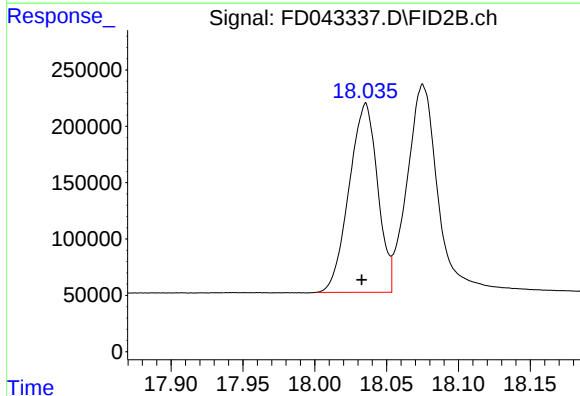
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.324 min
Delta R.T.: 0.005 min
Response: 2962127
Conc: 19.74 ug/ml



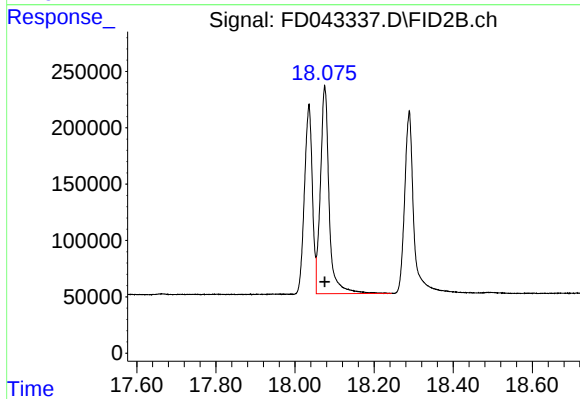
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: 0.002 min
Response: 2812659
Conc: 19.90 ug/ml



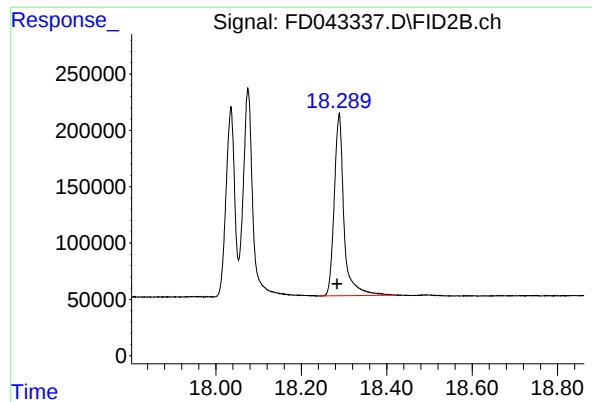
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: 0.002 min
Response: 2313236
Conc: 19.57 ug/ml



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

R.T.: 18.075 min
Delta R.T.: 0.000 min
Response: 2830999
Conc: 19.96 ug/ml



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

R.T.: 18.288 min
Delta R.T.: 0.004 min
Response: 2556337
Conc: 19.66 ug/ml