

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010824AR\
 Data File : FD047114.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jan 2024 14:34
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 15:10:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:10:31 2024
 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...	7.471	822003	5.382 ug/ml
Spiked Amount 50.000		Recovery =	10.76%
6) S 2-Fluorobiphenyl (SURR)	8.324	527458	5.191 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.38%
11) S ortho-Terphenyl (SURR)	11.356	950800	5.389 ug/ml
Spiked Amount 50.000		Recovery =	10.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	809508	5.238 ug/ml
2) T Naphthalene (C11.7)	5.812	886199	5.341 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	892920	5.320 ug/ml
5) T Acenaphthylene (C15.06)	8.126	815769	5.309 ug/ml
7) T Acenaphthene (C15.5)	8.420	880067	5.377 ug/ml
8) T Fluorene (C16.55)	9.199	801047	5.068 ug/ml
9) T Phenanthrene (C19.36)	10.586	828660	5.269 ug/ml
10) T Anthracene (C19.43)	10.661	826501	5.437 ug/ml
12) T Fluoranthene (C21.85)	12.387	836569	5.295 ug/ml
13) T Pyrene (C20.8)	12.681	797179	5.213 ug/ml
14) T Benzo[a]anthracene (C...	14.544	704292	5.048 ug/ml
15) T Chrysene (C27.41)	14.583	840709	5.489 ug/ml
16) T benzo[b]fluoranthene ...	16.083	735851	5.113 ug/ml
17) T Bnezo[k]fluoranthene ...	16.114	784566	5.389 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	738830	5.211 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	589979	4.562 ug/ml
20) T Dibenz[a,h]anthracene...	17.864	746138	5.360 ug/ml
21) T Benzo[g,h,i]perylene ...	18.065	698876	5.141 ug/ml

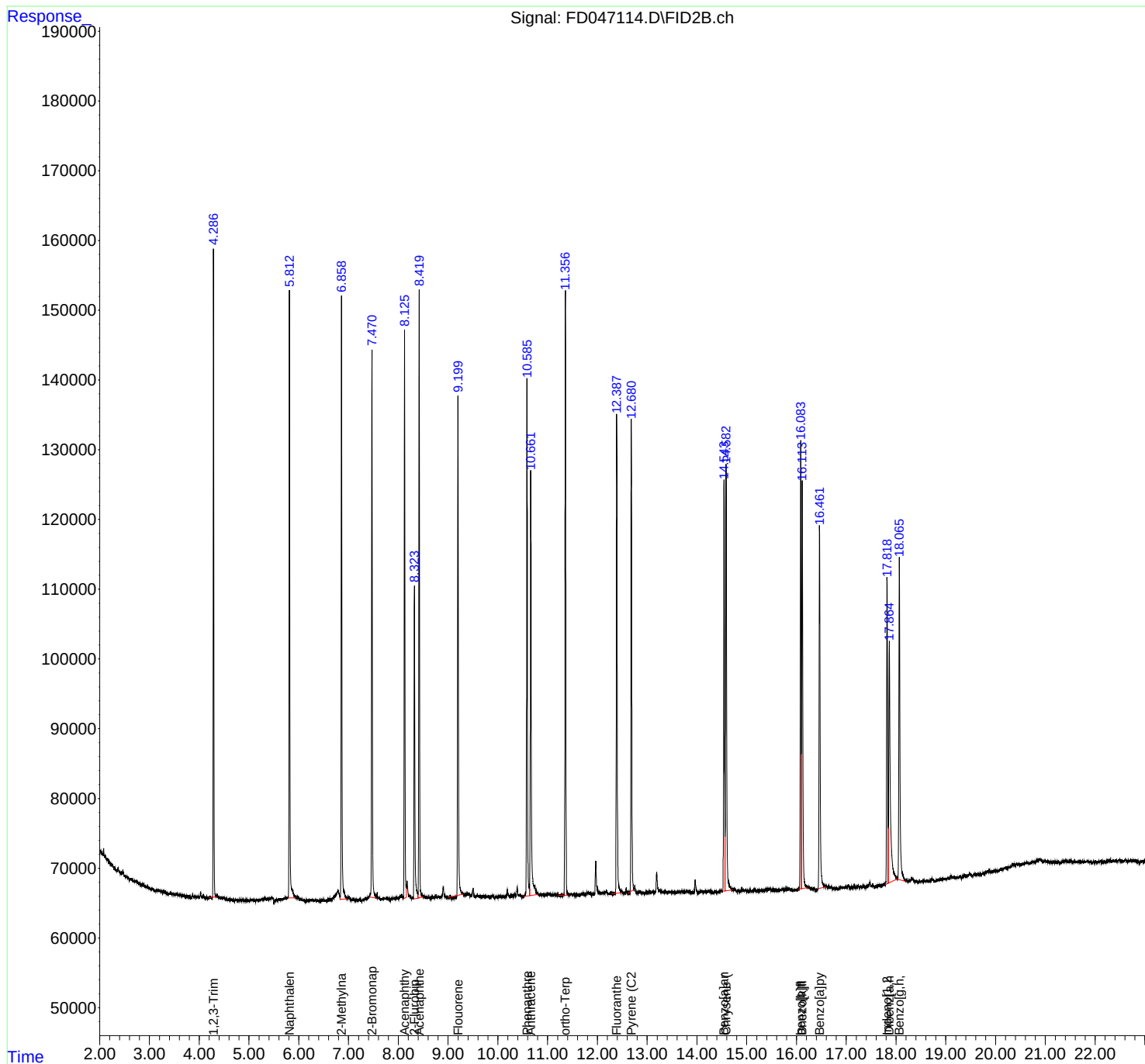
(f)=RT Delta > 1/2 Window

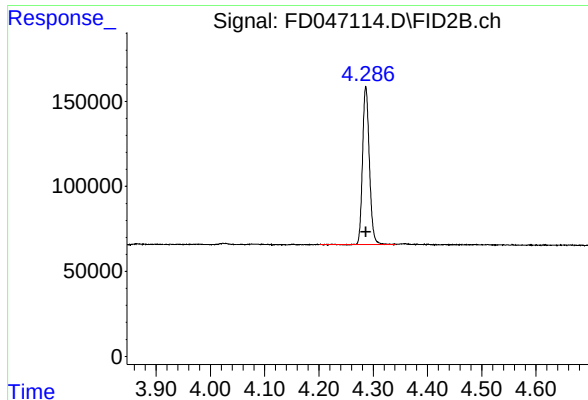
(m)=manual int.

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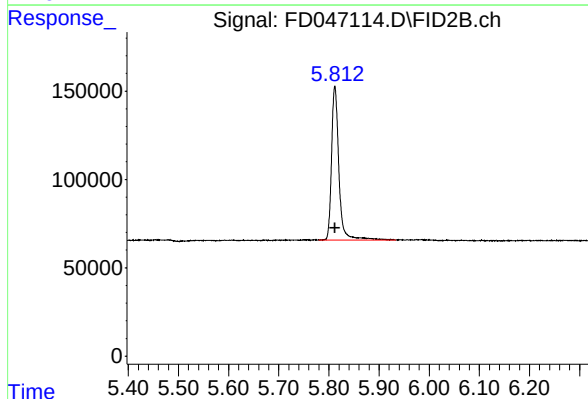
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





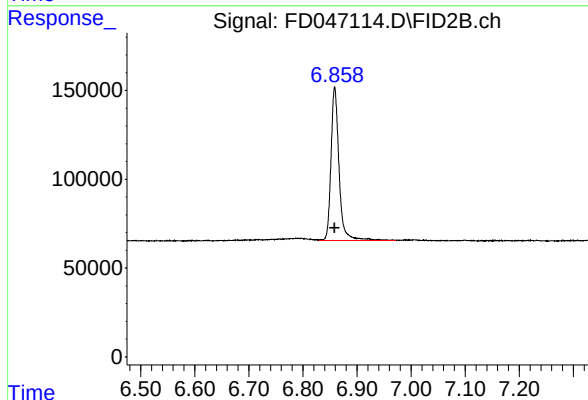
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.287 min
Delta R.T.: 0.000 min
Response: 809508
Conc: 5.24 ug/ml



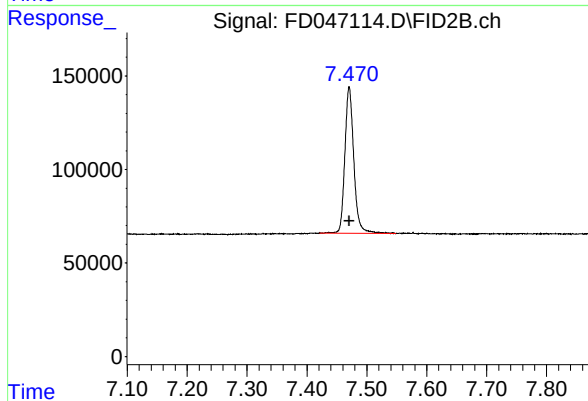
#2 Naphthalene (C11.7)

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 886199
Conc: 5.34 ug/ml



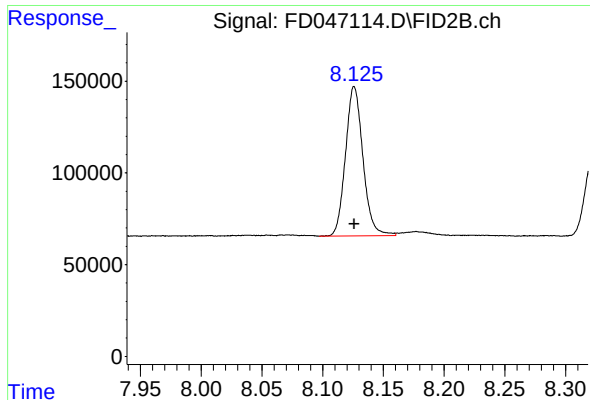
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 892920
Conc: 5.32 ug/ml



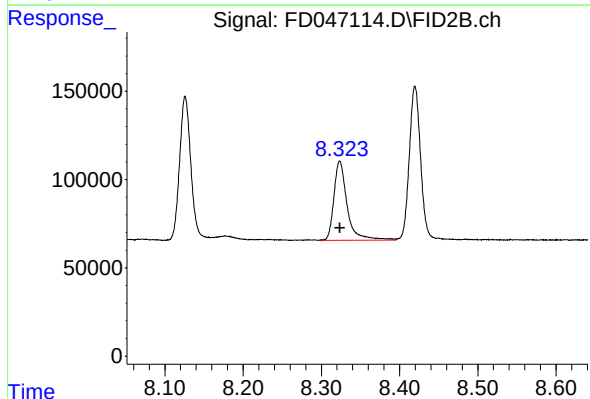
#4 2-Bromonaphthalene (SURR)

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 822003
Conc: 5.38 ug/ml



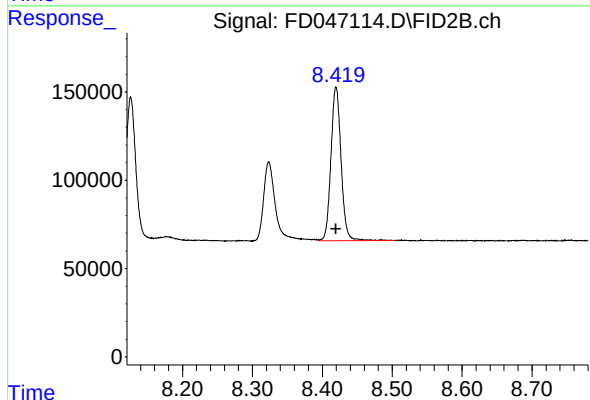
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 815769
Conc: 5.31 ug/ml



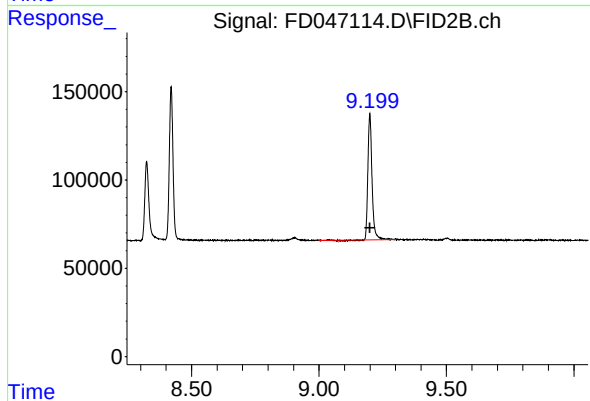
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 527458
Conc: 5.19 ug/ml



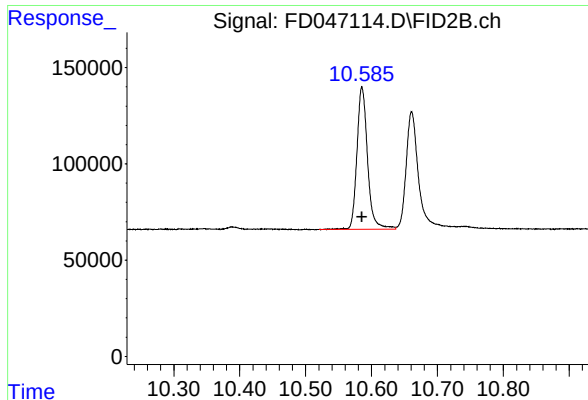
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 880067
Conc: 5.38 ug/ml



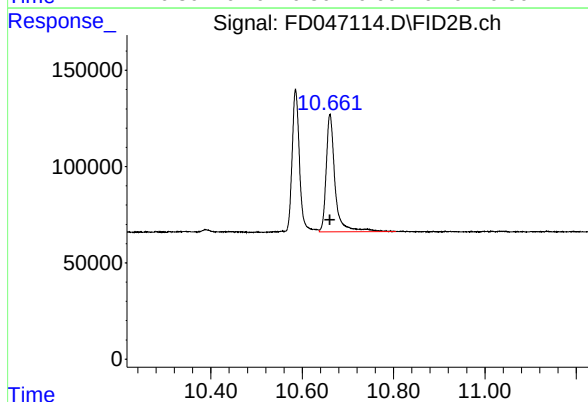
#8 Flouorene (C16.55)

R.T.: 9.199 min
Delta R.T.: 0.000 min
Response: 801047
Conc: 5.07 ug/ml



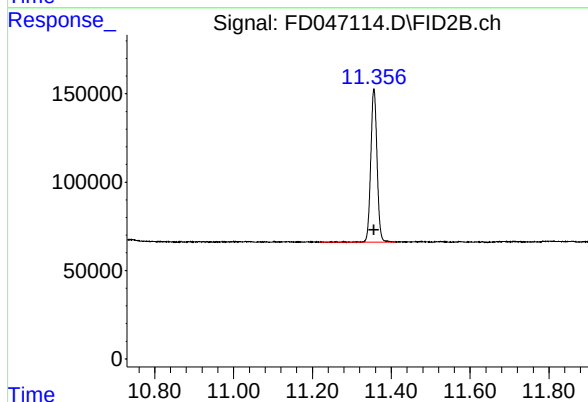
#9 Phenanthrene (C19.36)

R.T.: 10.586 min
Delta R.T.: 0.000 min
Response: 828660
Conc: 5.27 ug/ml



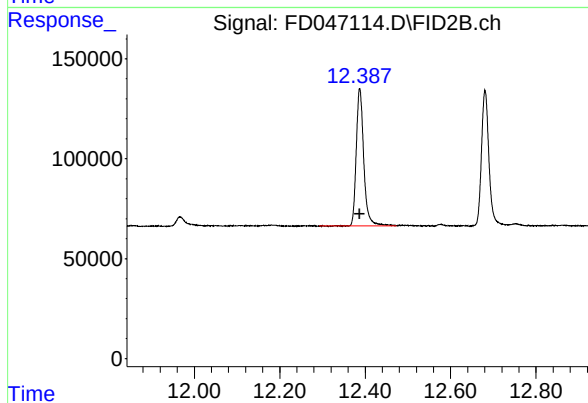
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.000 min
Response: 826501
Conc: 5.44 ug/ml



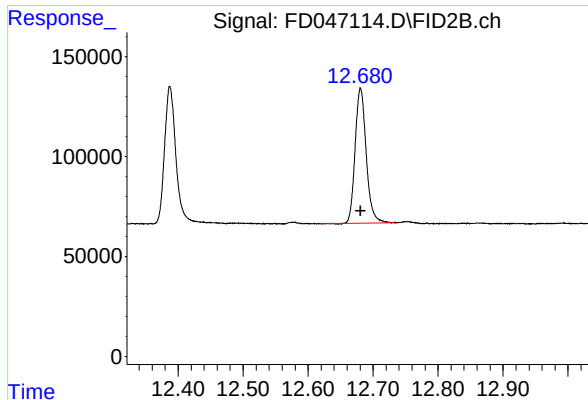
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 950800
Conc: 5.39 ug/ml



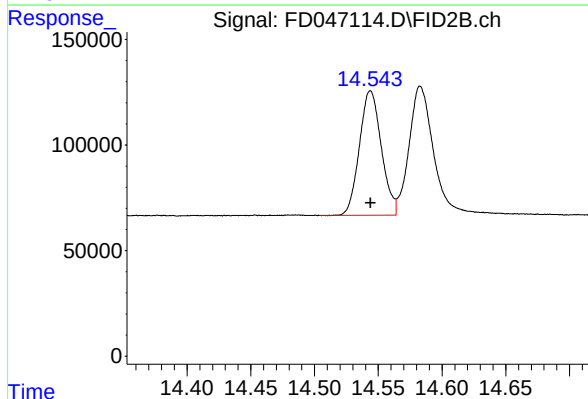
#12 Fluoranthene (C21.85)

R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 836569
Conc: 5.29 ug/ml



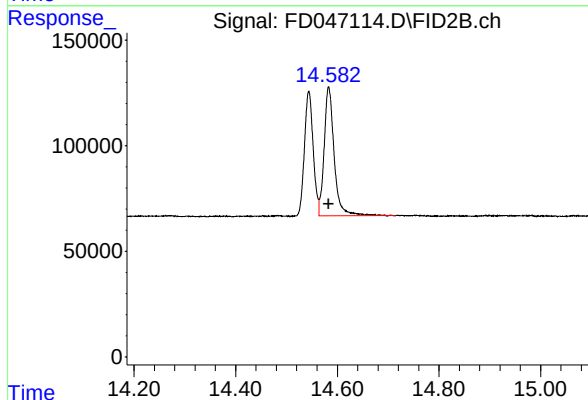
#13 Pyrene (C20.8)

R.T.: 12.681 min
Delta R.T.: 0.000 min
Response: 797179
Conc: 5.21 ug/ml



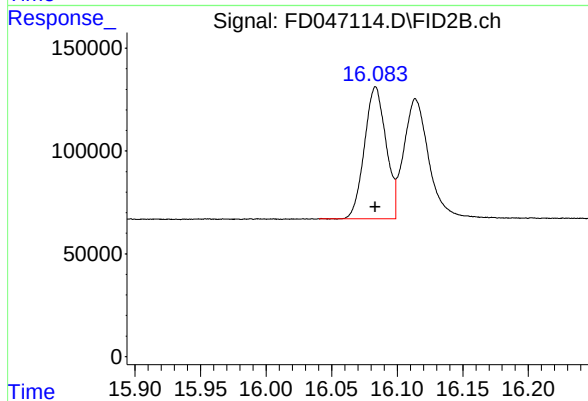
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 704292
Conc: 5.05 ug/ml



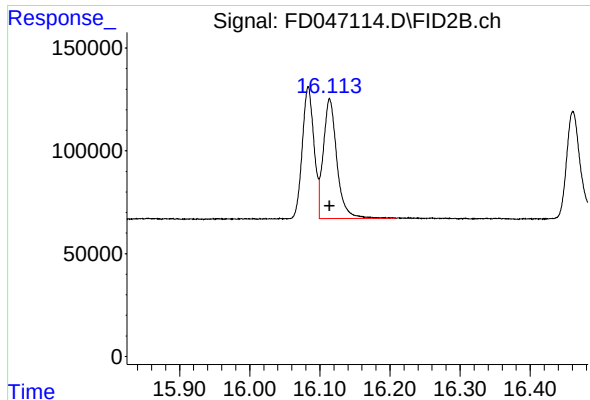
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: 0.000 min
Response: 840709
Conc: 5.49 ug/ml



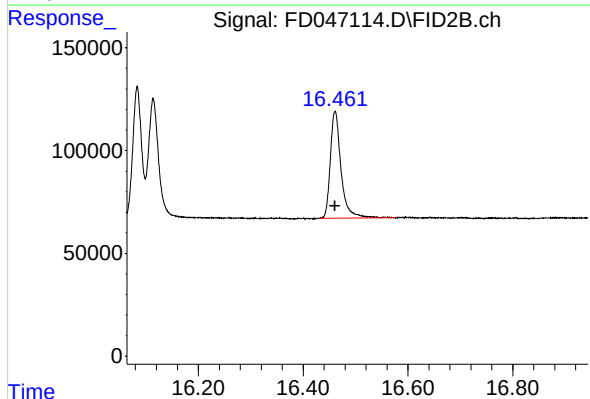
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.083 min
Delta R.T.: 0.000 min
Response: 735851
Conc: 5.11 ug/ml



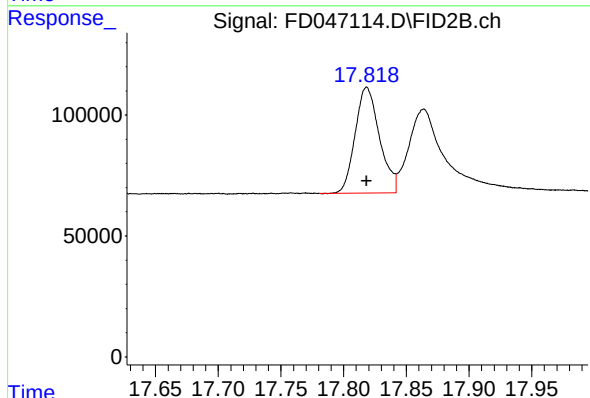
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.114 min
Delta R.T.: 0.000 min
Response: 784566
Conc: 5.39 ug/ml



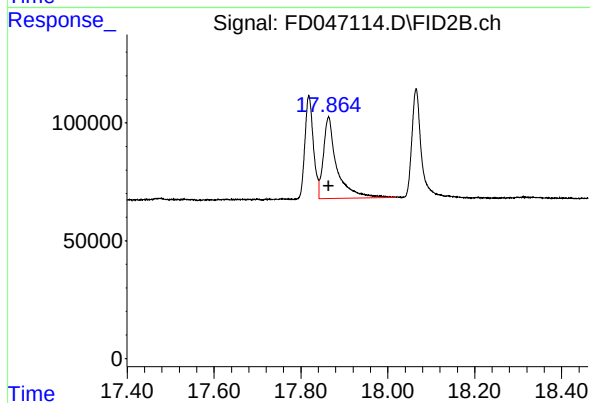
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: 0.000 min
Response: 738830
Conc: 5.21 ug/ml



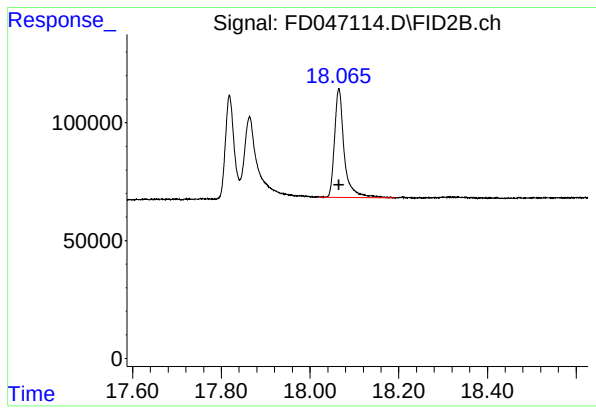
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.000 min
Response: 589979
Conc: 4.56 ug/ml



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

R.T.: 17.864 min
Delta R.T.: 0.000 min
Response: 746138
Conc: 5.36 ug/ml



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

R.T.: 18.065 min
Delta R.T.: 0.000 min
Response: 698876
Conc: 5.14 ug/ml