

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AR\
 Data File : FD047189.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2024 11:06
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 13:40:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:39:35 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...	7.470	7868996	52.422 ug/ml
Spiked Amount 50.000		Recovery =	104.84%
6) S 2-Fluorobiphenyl (SURR)	8.323	5317546	53.261 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.52%
11) S ortho-Terphenyl (SURR)	11.360	9048432	51.844 ug/ml
Spiked Amount 50.000		Recovery =	103.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	8149330	52.861 ug/ml
2) T Naphthalene (C11.7)	5.810	8622937	52.894 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	8739196	52.609 ug/ml
5) T Acenaphthylene (C15.06)	8.126	7973548	52.311 ug/ml
7) T Acenaphthene (C15.5)	8.423	8472410	52.376 ug/ml
8) T Fluorene (C16.55)	9.201	8306996	52.419 ug/ml
9) T Phenanthrene (C19.36)	10.589	8084983	52.299 ug/ml
10) T Anthracene (C19.43)	10.664	7626719	51.966 ug/ml
12) T Fluoranthene (C21.85)	12.392	8043020	52.012 ug/ml
13) T Pyrene (C20.8)	12.687	7796931	51.885 ug/ml
14) T Benzo[a]anthracene (C...	14.551	7075894	52.066 ug/ml
15) T Chrysene (C27.41)	14.596	7475430	50.999 ug/ml
16) T benzo[b]fluoranthene ...	16.094	7163438	51.550 ug/ml
17) T Bnezo[k]fluoranthene ...	16.130	7066145	50.266 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.470	6950551	50.788 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.829	6727314	52.439 ug/ml
20) T Dibenz[a,h]anthracene...	17.869	6696782	49.760 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	6773283	50.545 ug/ml

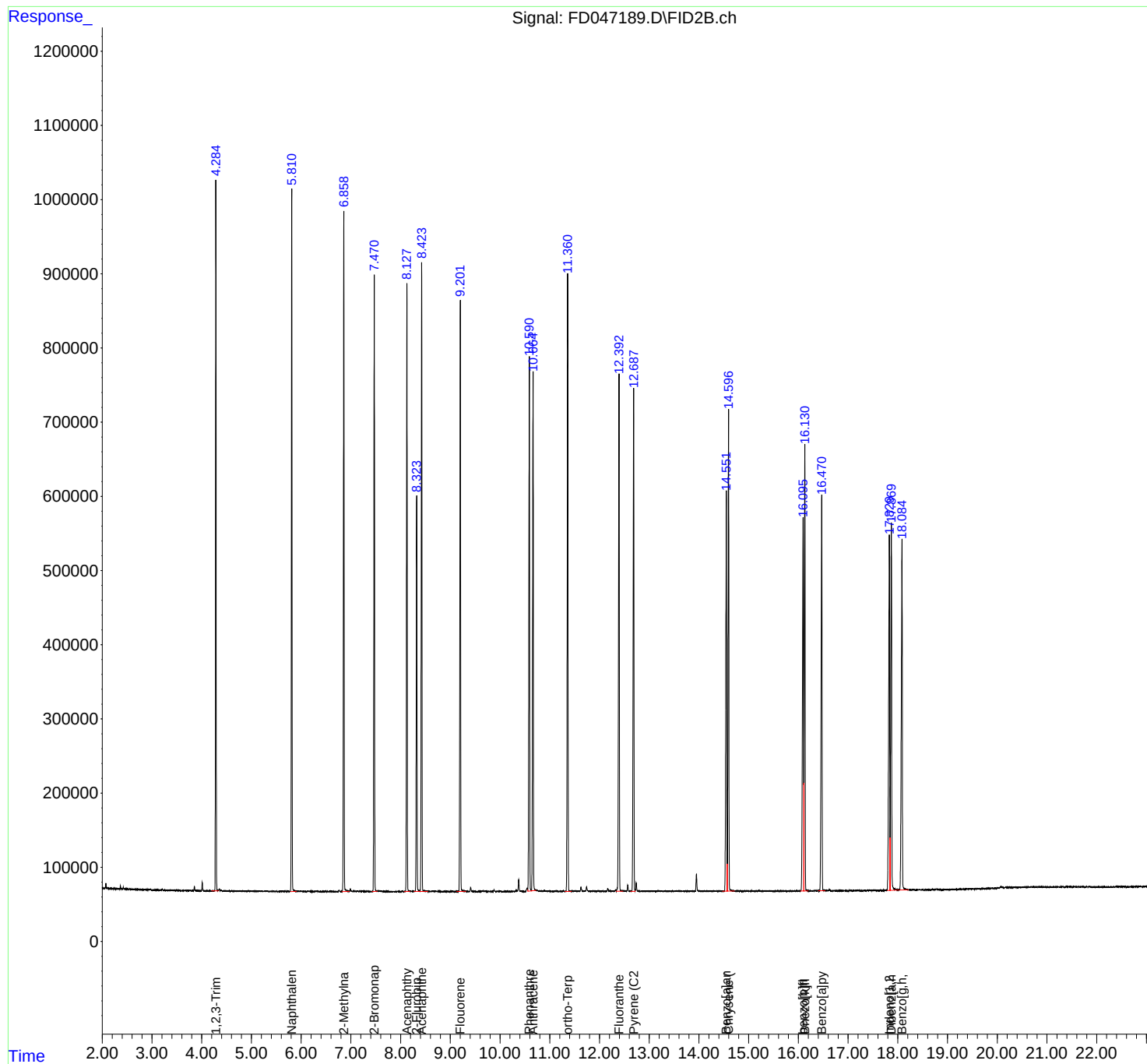
(f)=RT Delta > 1/2 Window

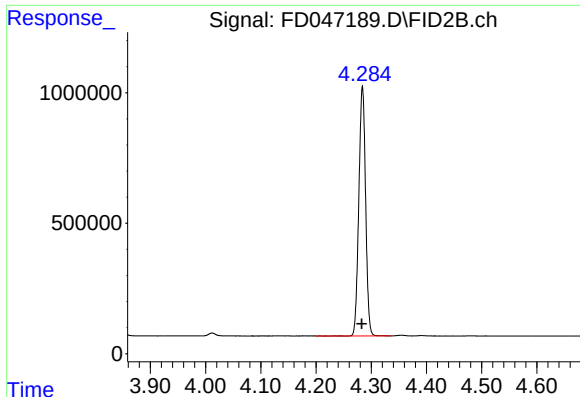
(m)=manual int.

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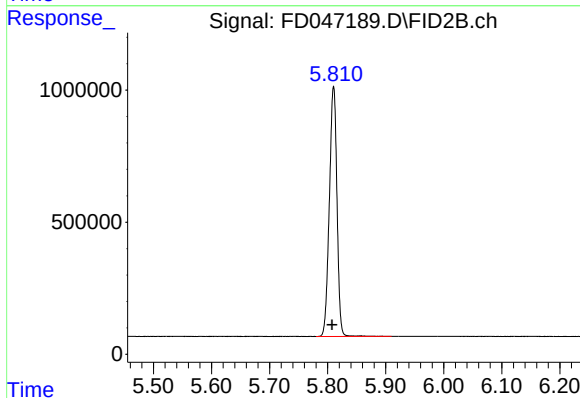
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Signal Info : 20M x 0.18mm x 0.18µm





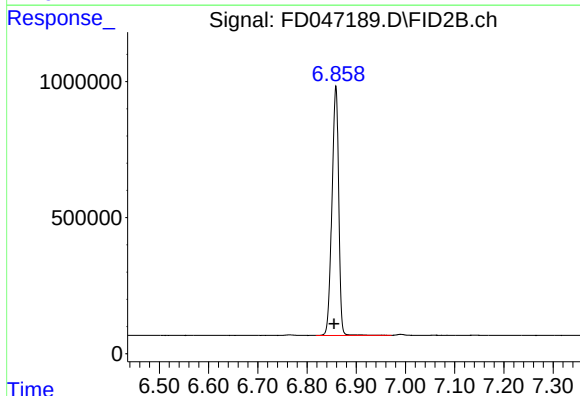
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: 0.001 min
Response: 8149330
Conc: 52.86 ug/ml



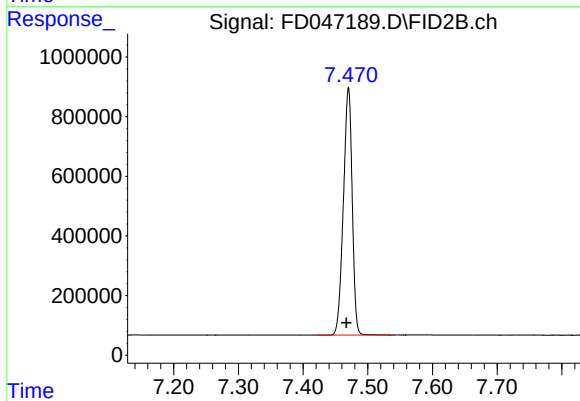
#2 Naphthalene (C11.7)

R.T.: 5.810 min
Delta R.T.: 0.002 min
Response: 8622937
Conc: 52.89 ug/ml



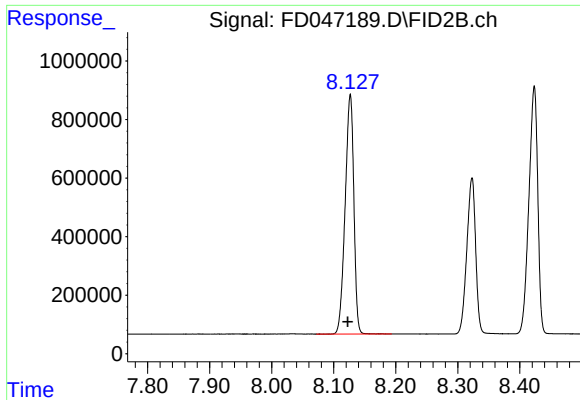
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: 0.003 min
Response: 8739196
Conc: 52.61 ug/ml



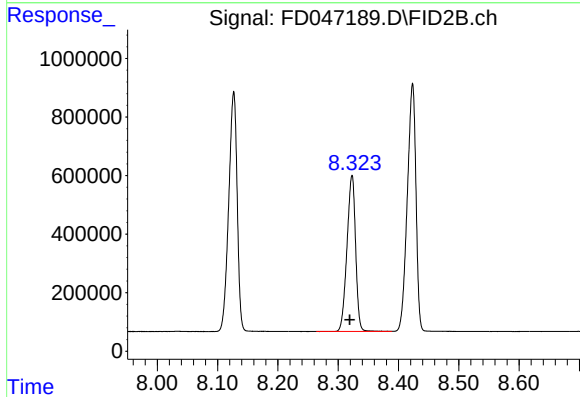
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: 0.003 min
Response: 7868996
Conc: 52.42 ug/ml



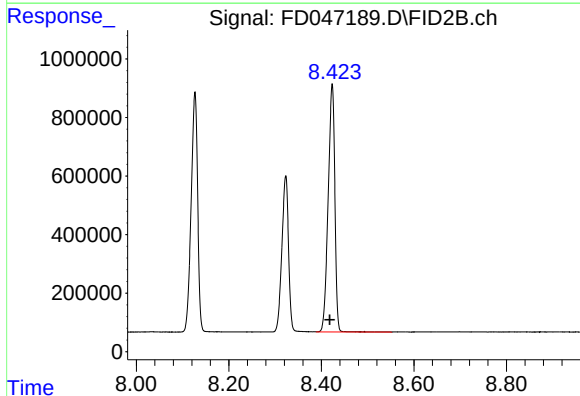
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.004 min
Response: 7973548
Conc: 52.31 ug/ml



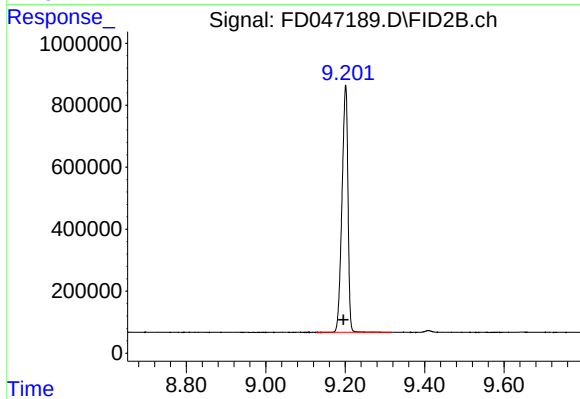
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.323 min
Delta R.T.: 0.003 min
Response: 5317546
Conc: 53.26 ug/ml



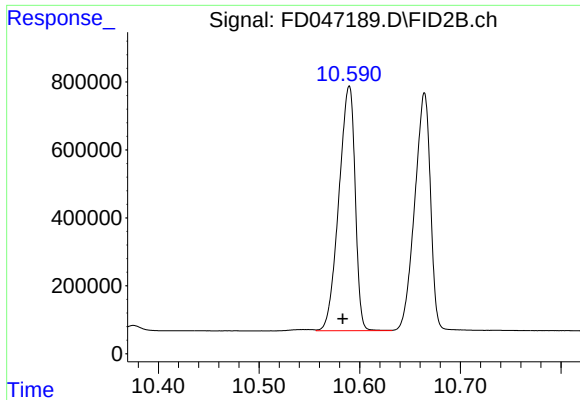
#7 Acenaphthene (C15.5)

R.T.: 8.423 min
Delta R.T.: 0.005 min
Response: 8472410
Conc: 52.38 ug/ml



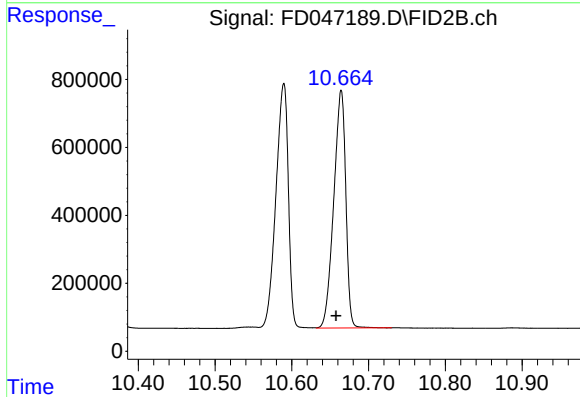
#8 Fluorene (C16.55)

R.T.: 9.201 min
Delta R.T.: 0.005 min
Response: 8306996
Conc: 52.42 ug/ml



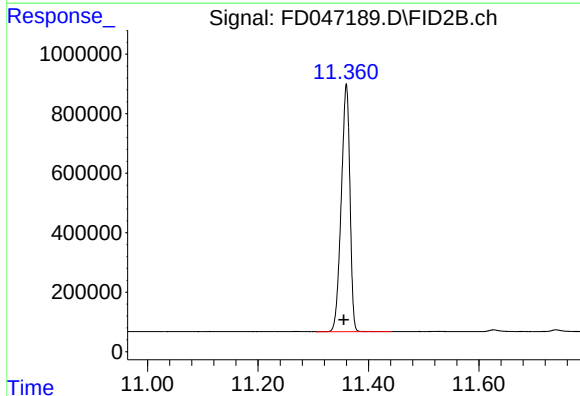
#9 Phenanthrene (C19.36)

R.T.: 10.589 min
Delta R.T.: 0.006 min
Response: 8084983
Conc: 52.30 ug/ml



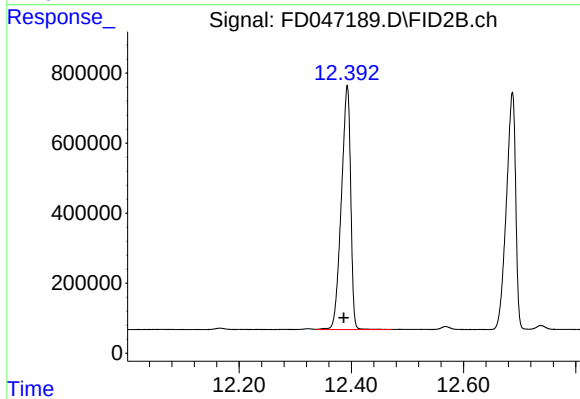
#10 Anthracene (C19.43)

R.T.: 10.664 min
Delta R.T.: 0.006 min
Response: 7626719
Conc: 51.97 ug/ml



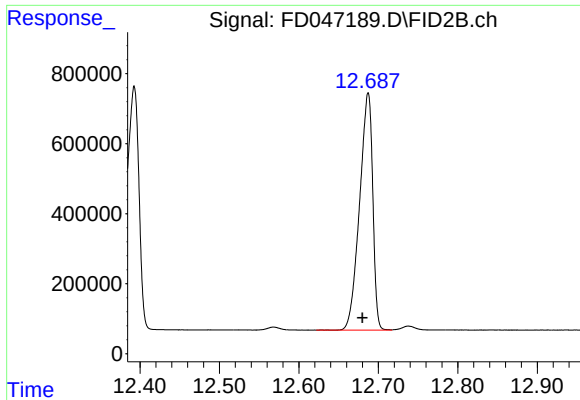
#11 ortho-Terphenyl (SURR)

R.T.: 11.360 min
Delta R.T.: 0.005 min
Response: 9048432
Conc: 51.84 ug/ml



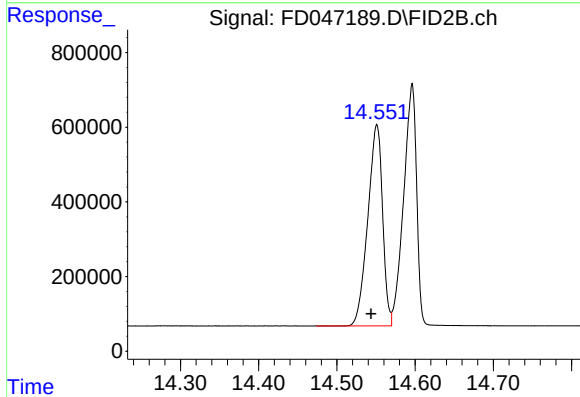
#12 Fluoranthene (C21.85)

R.T.: 12.392 min
Delta R.T.: 0.006 min
Response: 8043020
Conc: 52.01 ug/ml



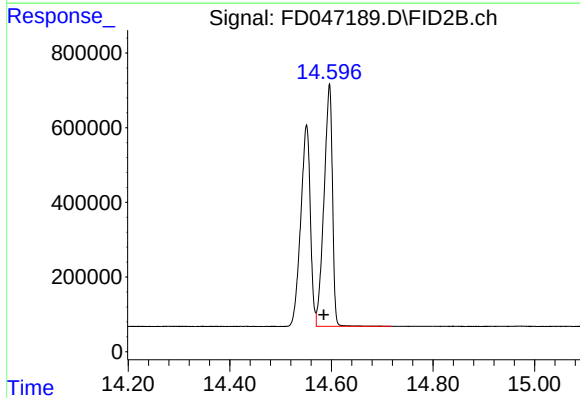
#13 Pyrene (C20.8)

R.T.: 12.687 min
Delta R.T.: 0.007 min
Response: 7796931
Conc: 51.89 ug/ml



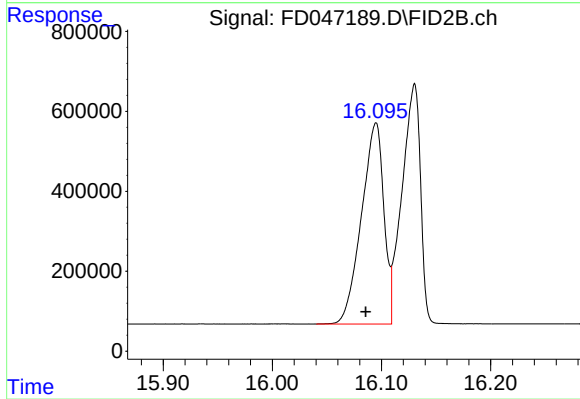
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: 0.007 min
Response: 7075894
Conc: 52.07 ug/ml



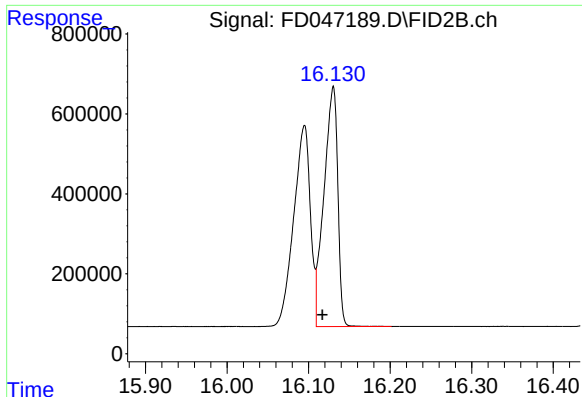
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: 0.011 min
Response: 7475430
Conc: 51.00 ug/ml



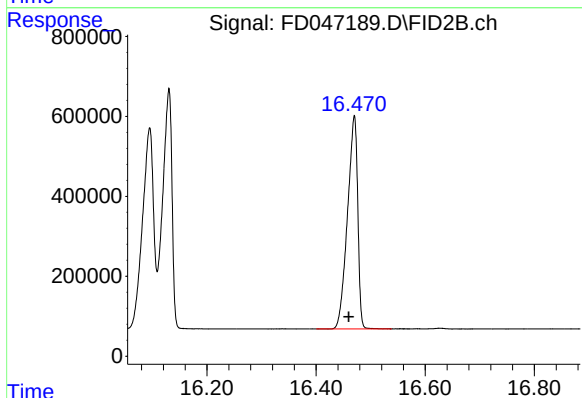
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.094 min
Delta R.T.: 0.009 min
Response: 7163438
Conc: 51.55 ug/ml



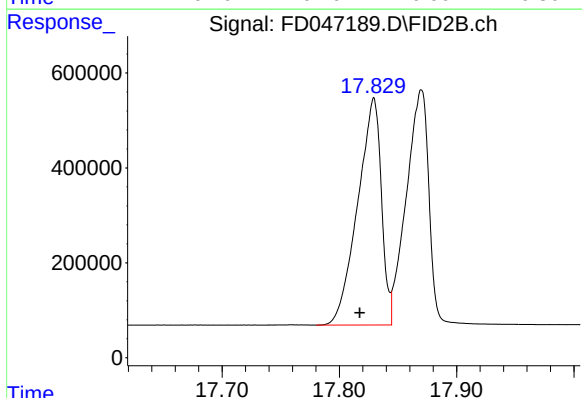
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.130 min
Delta R.T.: 0.013 min
Response: 7066145
Conc: 50.27 ug/ml



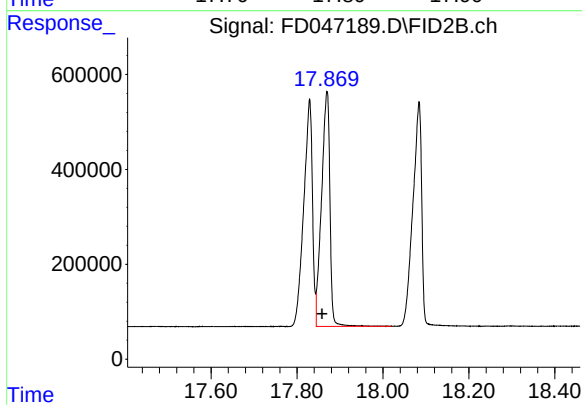
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.470 min
Delta R.T.: 0.010 min
Response: 6950551
Conc: 50.79 ug/ml



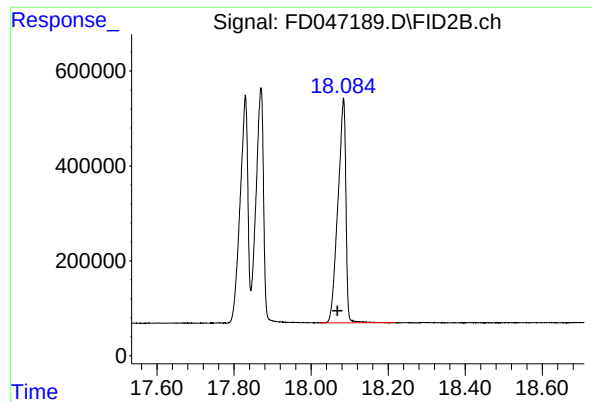
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.829 min
Delta R.T.: 0.012 min
Response: 6727314
Conc: 52.44 ug/ml



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

R.T.: 17.869 min
Delta R.T.: 0.011 min
Response: 6696782
Conc: 49.76 ug/ml



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

R.T.: 18.083 min
Delta R.T.: 0.015 min
Response: 6773283
Conc: 50.55 ug/ml