

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020724AR\
 Data File : FD047182.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2024 11:47
 Operator : YP/AJ
 Sample : PB158856BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 12:27:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 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...	7.469	7974066	51.841 ug/ml
Spiked Amount 50.000		Recovery =	103.68%
6) S 2-Fluorobiphenyl (SURR)	8.322	4588588	44.915 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.83%
11) S ortho-Terphenyl (SURR)	11.360	8930595	50.124 ug/ml
Spiked Amount 50.000		Recovery =	100.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.283	5978606	38.377 ug/ml
2) T Naphthalene (C11.7)	5.808	7030574	41.969 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	7306493	43.099 ug/ml
5) T Acenaphthylene (C15.06)	8.126	7754868	50.024 ug/ml
7) T Acenaphthene (C15.5)	8.421	7625689	46.178 ug/ml
8) T Flouorene (C16.55)	9.200	8023757	50.275 ug/ml
9) T Phenanthrene (C19.36)	10.589	8272555	52.260 ug/ml
10) T Anthracene (C19.43)	10.664	7929209	51.725 ug/ml
12) T Fluoranthene (C21.85)	12.394	8724545	54.686 ug/ml
13) T Pyrene (C20.8)	12.688	8746205	56.583 ug/ml
14) T Benzo[a]anthracene (C...	14.552	8271317	58.918 ug/ml
15) T Chrysene (C27.41)	14.597	8341342	53.857 ug/ml
16) T benzo[b]fluoranthene ...	16.095	8004715	55.183 ug/ml
17) T Bnezo[k]fluoranthene ...	16.132	8094264	54.908 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	7619784	53.304 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	7860178	60.990 ug/ml
20) T Dibenz[a,h]anthracene...	17.872	7389800	52.127 ug/ml
21) T Benzo[g,h,i]perylene ...	18.086	7060665	51.456 ug/ml

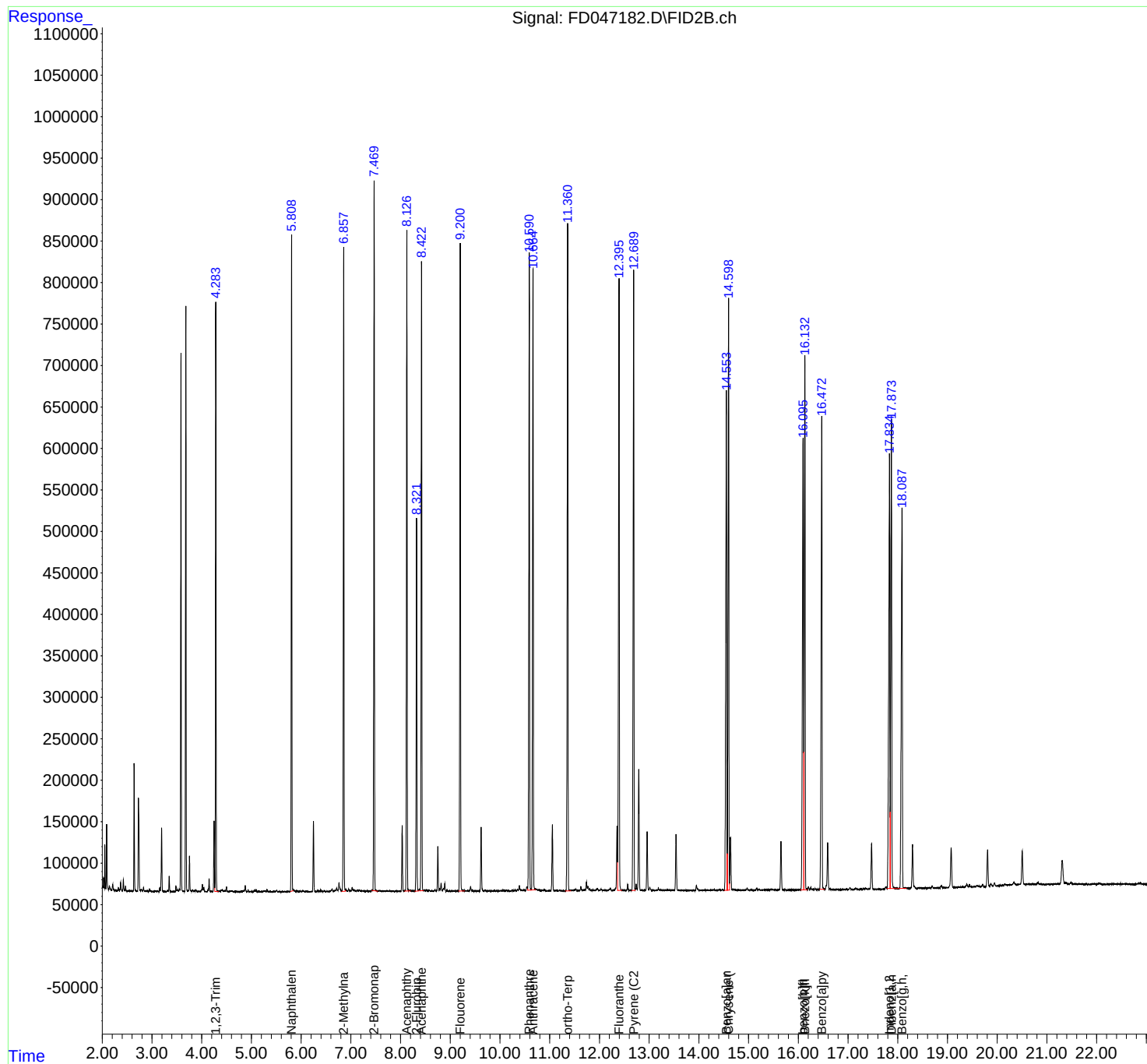
(f)=RT Delta > 1/2 Window

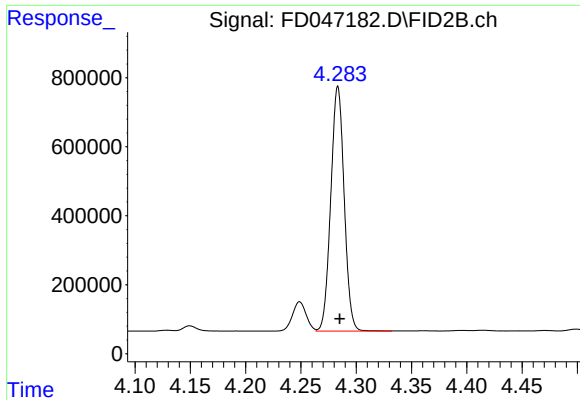
(m)=manual int.

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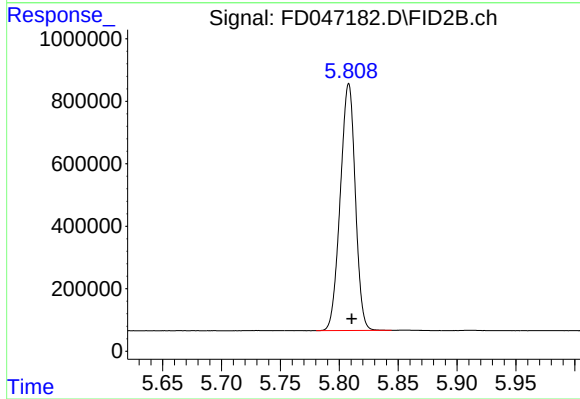
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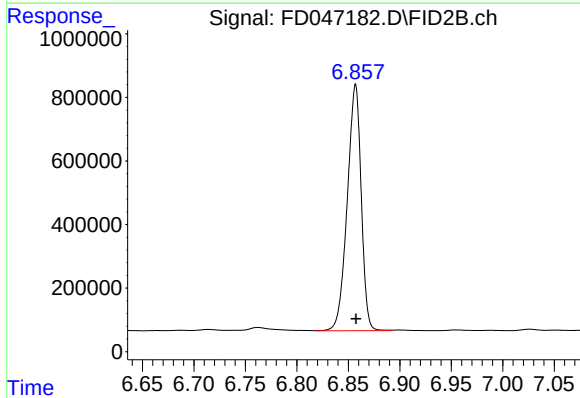
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.283 min
Delta R.T.: -0.002 min
Response: 5978606
Conc: 38.38 ug/ml



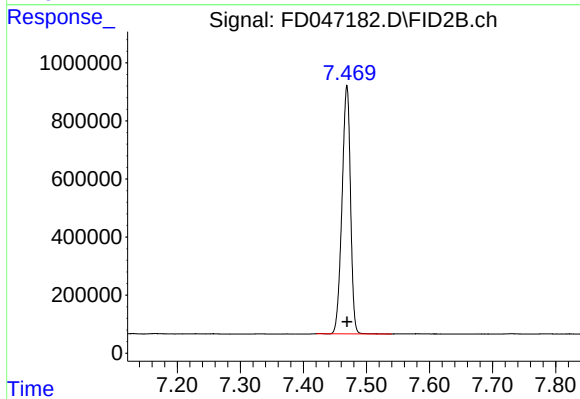
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 7030574
Conc: 41.97 ug/ml



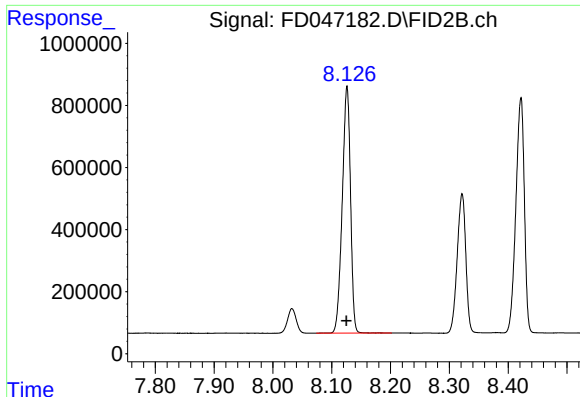
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 7306493
Conc: 43.10 ug/ml



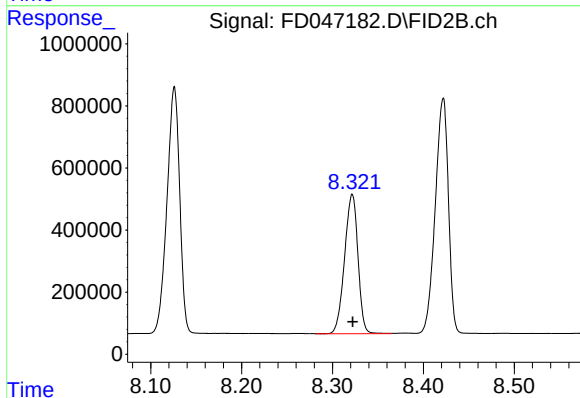
#4 2-Bromonaphthalene (SURR)

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 7974066
Conc: 51.84 ug/ml



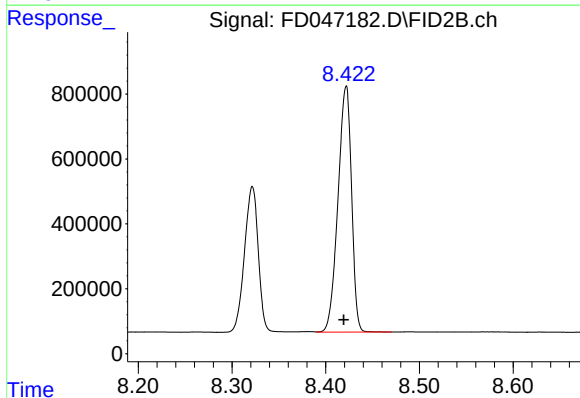
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 7754868
Conc: 50.02 ug/ml



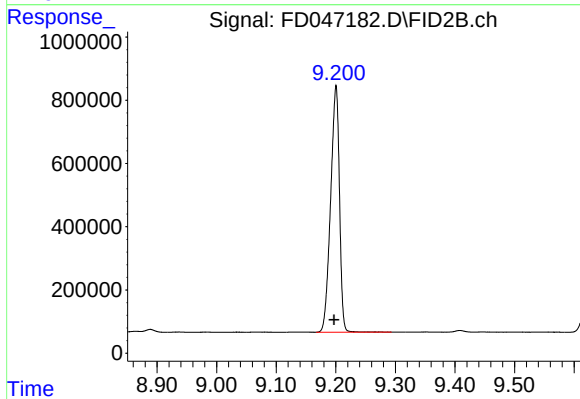
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 4588588
Conc: 44.91 ug/ml



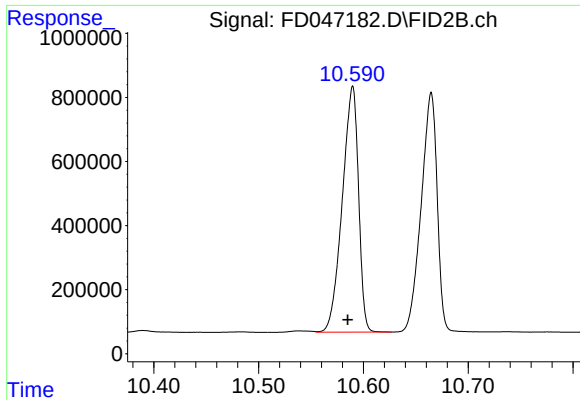
#7 Acenaphthene (C15.5)

R.T.: 8.421 min
Delta R.T.: 0.002 min
Response: 7625689
Conc: 46.18 ug/ml



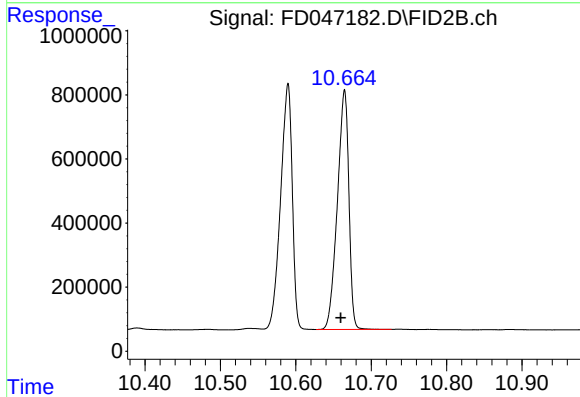
#8 Fluorene (C16.55)

R.T.: 9.200 min
Delta R.T.: 0.003 min
Response: 8023757
Conc: 50.28 ug/ml



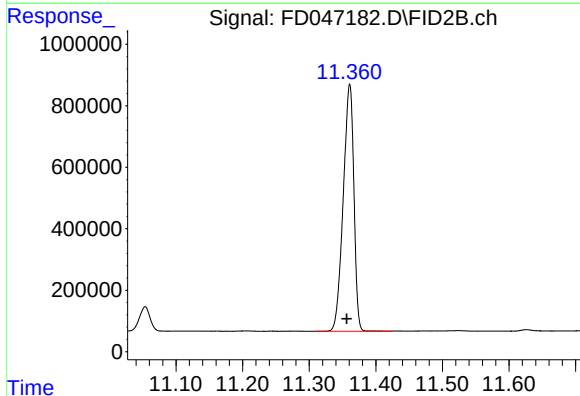
#9 Phenanthrene (C19.36)

R.T.: 10.589 min
Delta R.T.: 0.004 min
Response: 8272555
Conc: 52.26 ug/ml



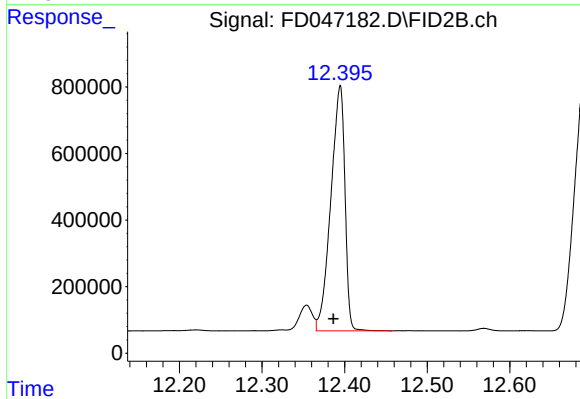
#10 Anthracene (C19.43)

R.T.: 10.664 min
Delta R.T.: 0.005 min
Response: 7929209
Conc: 51.72 ug/ml



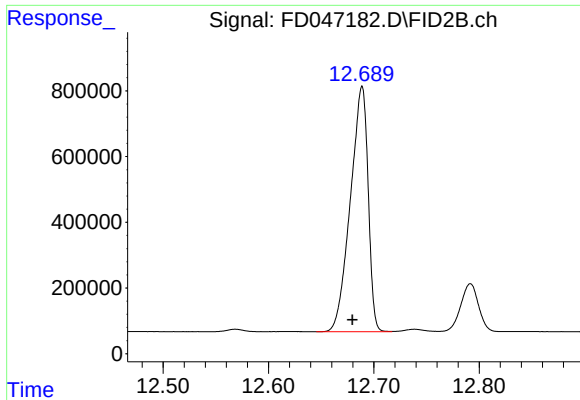
#11 ortho-Terphenyl (SURR)

R.T.: 11.360 min
Delta R.T.: 0.004 min
Response: 8930595
Conc: 50.12 ug/ml



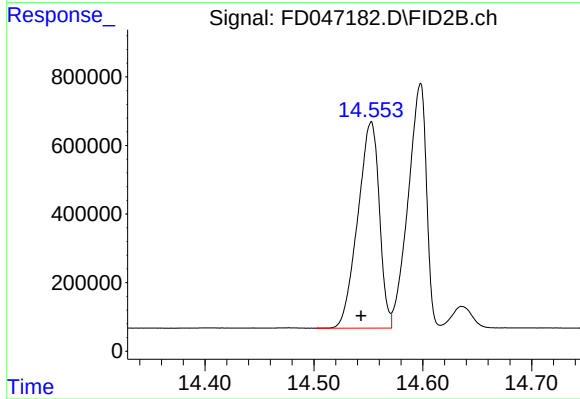
#12 Fluoranthene (C21.85)

R.T.: 12.394 min
Delta R.T.: 0.008 min
Response: 8724545
Conc: 54.69 ug/ml



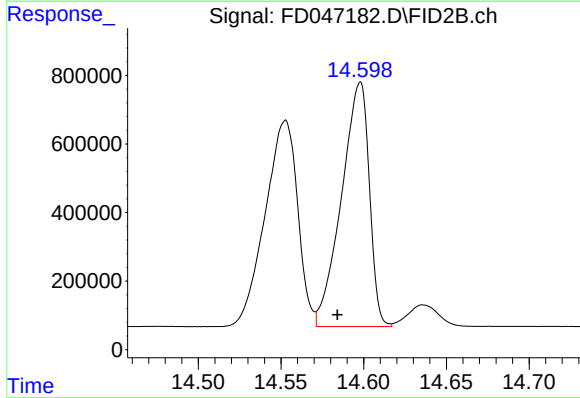
#13 Pyrene (C20.8)

R.T.: 12.688 min
Delta R.T.: 0.009 min
Response: 8746205
Conc: 56.58 ug/ml



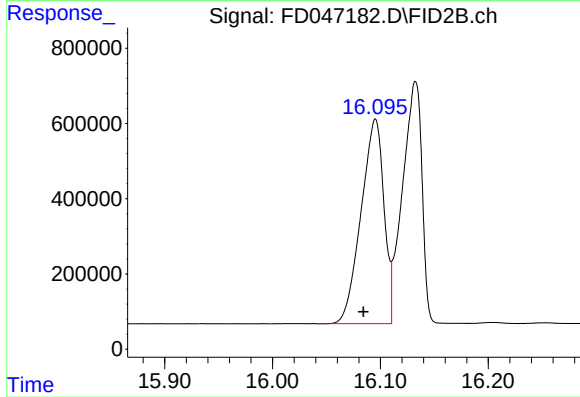
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: 0.009 min
Response: 8271317
Conc: 58.92 ug/ml



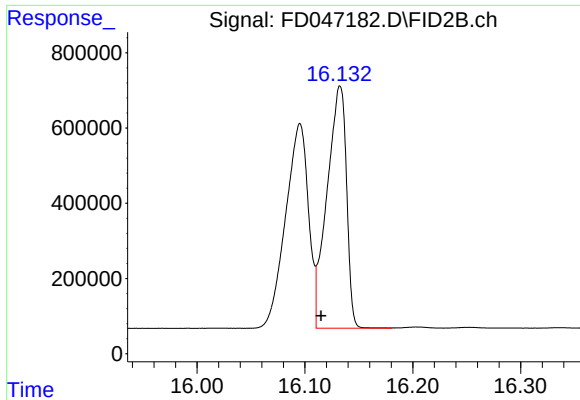
#15 Chrysene (C27.41)

R.T.: 14.597 min
Delta R.T.: 0.013 min
Response: 8341342
Conc: 53.86 ug/ml



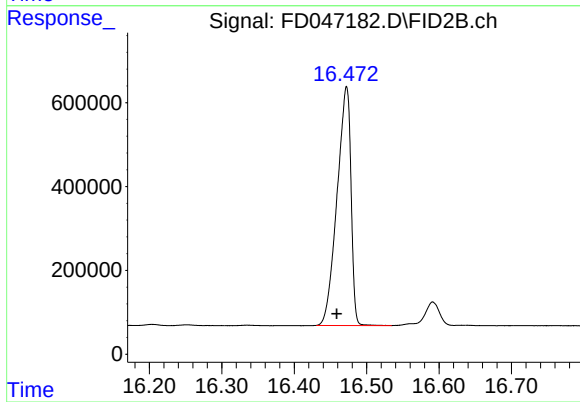
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.095 min
Delta R.T.: 0.011 min
Response: 8004715
Conc: 55.18 ug/ml



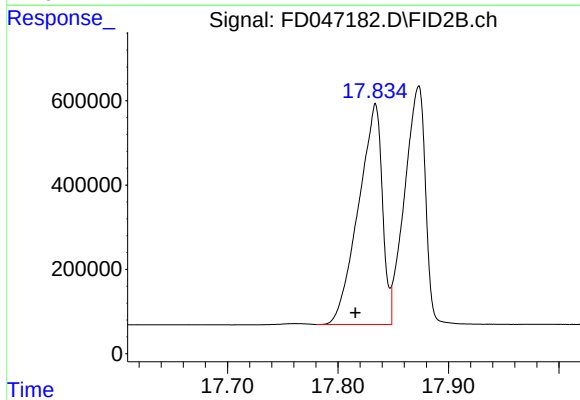
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.132 min
Delta R.T.: 0.017 min
Response: 8094264
Conc: 54.91 ug/ml



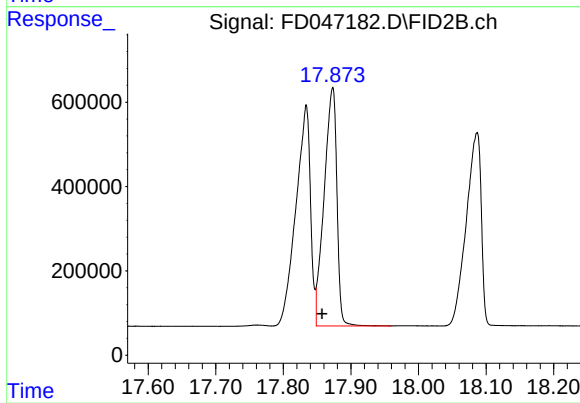
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: 0.013 min
Response: 7619784
Conc: 53.30 ug/ml



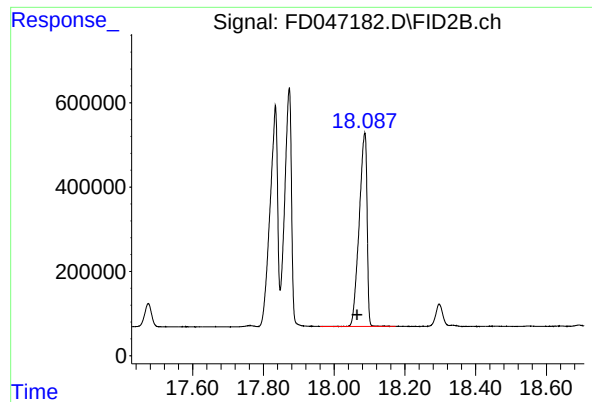
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: 0.017 min
Response: 7860178
Conc: 60.99 ug/ml



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

R.T.: 17.872 min
Delta R.T.: 0.015 min
Response: 7389800
Conc: 52.13 ug/ml



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

R.T.: 18.086 min
Delta R.T.: 0.021 min
Response: 7060665
Conc: 51.46 ug/ml