

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020724AR\
 Data File : FD047183.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2024 12:23
 Operator : YP/AJ
 Sample : PB158856BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 02:13:06 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	8016389	52.117 ug/ml
Spiked Amount 50.000		Recovery =	104.23%
6) S 2-Fluorobiphenyl (SURR)	8.322	4613759	45.161 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.32%
11) S ortho-Terphenyl (SURR)	11.360	8952520	50.247 ug/ml
Spiked Amount 50.000		Recovery =	100.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	6002438	38.530 ug/ml
2) T Naphthalene (C11.7)	5.809	7060801	42.149 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	7343740	43.318 ug/ml
5) T Acenaphthylene (C15.06)	8.126	7826015	50.483 ug/ml
7) T Acenaphthene (C15.5)	8.422	7665757	46.420 ug/ml
8) T Flouorene (C16.55)	9.200	8086501	50.669 ug/ml
9) T Phenanthrene (C19.36)	10.589	8311750	52.508 ug/ml
10) T Anthracene (C19.43)	10.665	7958640	51.917 ug/ml
12) T Fluoranthene (C21.85)	12.393	8762989	54.927 ug/ml
13) T Pyrene (C20.8)	12.687	8780508	56.804 ug/ml
14) T Benzo[a]anthracene (C...	14.553	8302401	59.139 ug/ml
15) T Chrysene (C27.41)	14.597	8373338	54.063 ug/ml
16) T benzo[b]fluoranthene ...	16.096	8105907	55.881 ug/ml
17) T Bnezo[k]fluoranthene ...	16.132	8065390	54.712 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	7639044	53.439 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	7887394	61.201 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	7471303	52.702 ug/ml
21) T Benzo[g,h,i]perylene ...	18.086	7078047	51.583 ug/ml

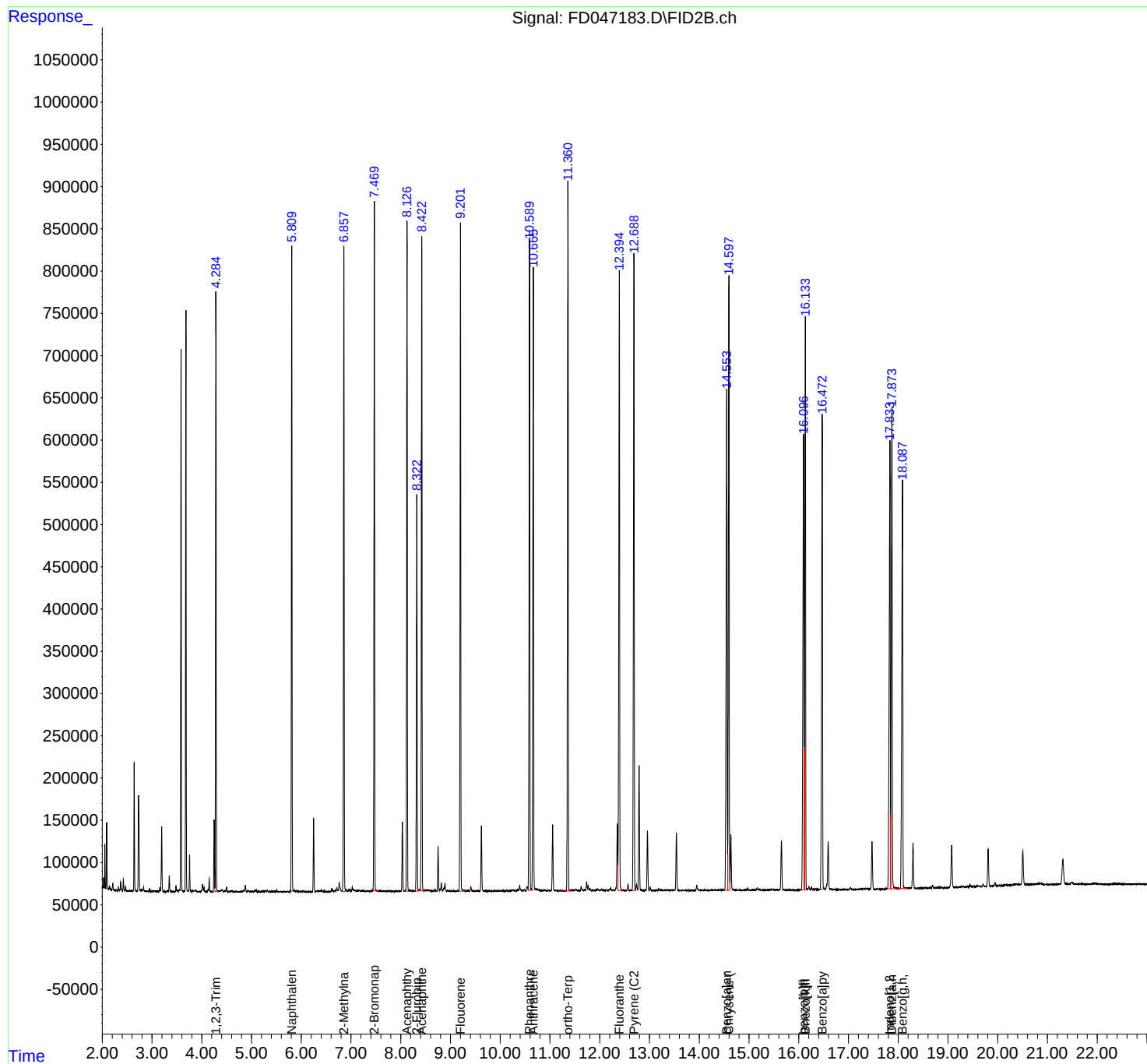
(f)=RT Delta > 1/2 Window

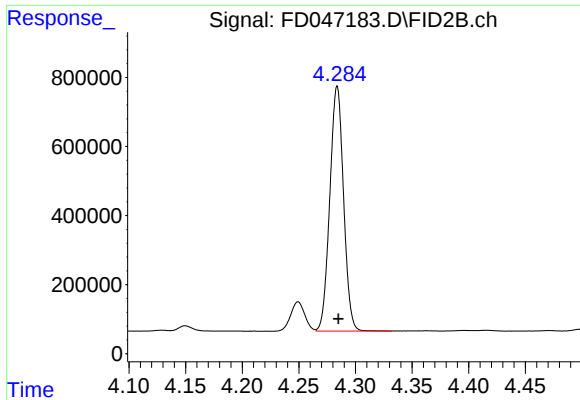
(m)=manual int.

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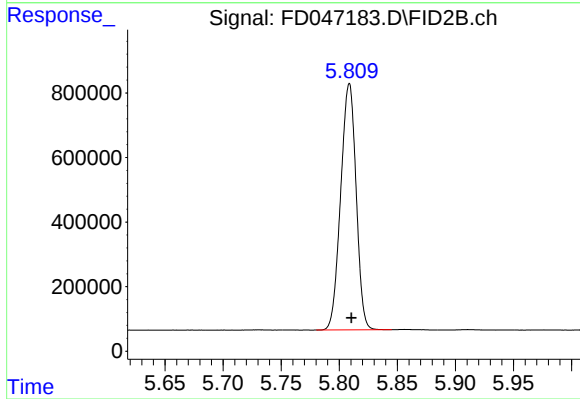
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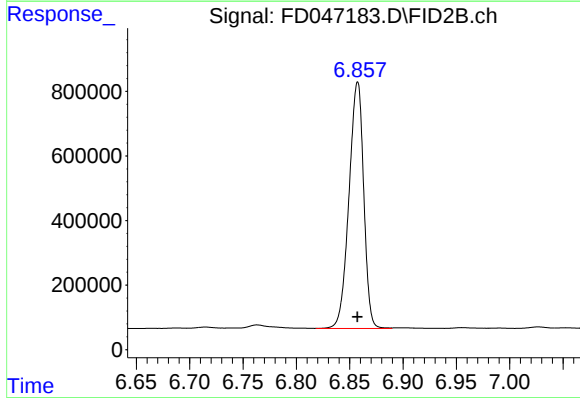
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: -0.001 min
Response: 6002438
Conc: 38.53 ug/ml



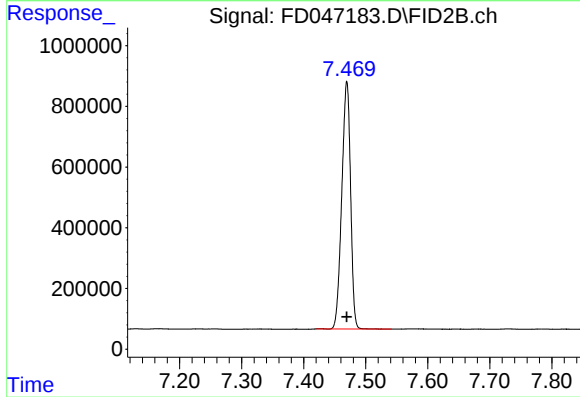
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 7060801
Conc: 42.15 ug/ml



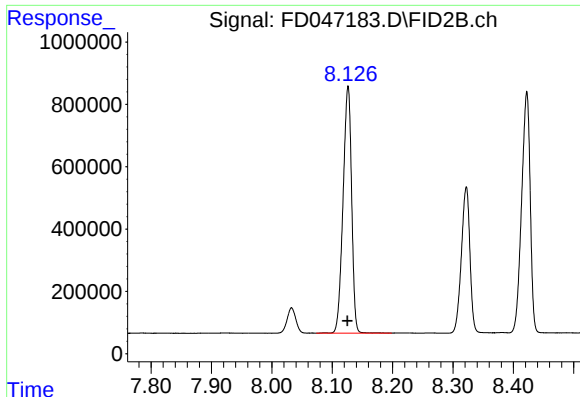
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 7343740
Conc: 43.32 ug/ml



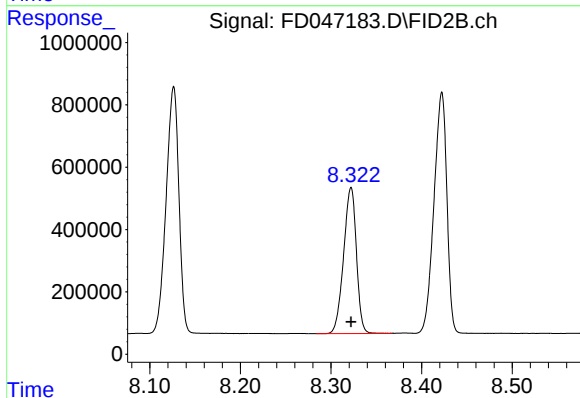
#4 2-Bromonaphthalene (SURR)

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 8016389
Conc: 52.12 ug/ml



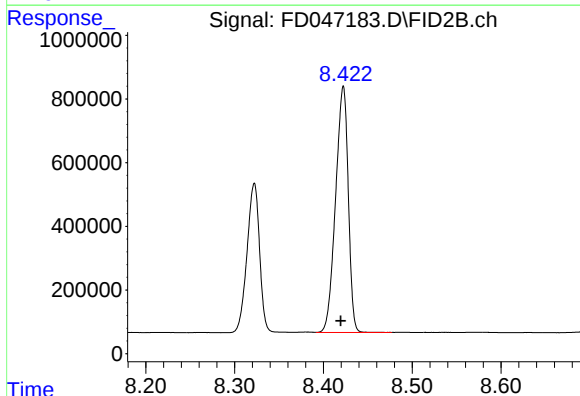
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: 0.001 min
Response: 7826015
Conc: 50.48 ug/ml



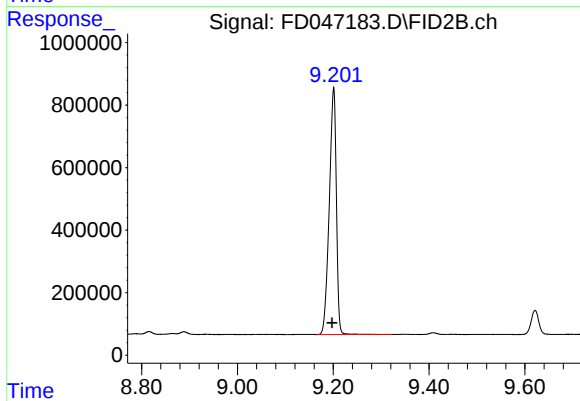
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min
Delta R.T.: 0.000 min
Response: 4613759
Conc: 45.16 ug/ml



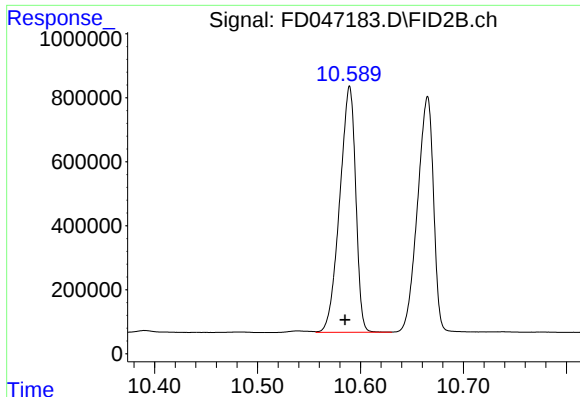
#7 Acenaphthene (C15.5)

R.T.: 8.422 min
Delta R.T.: 0.003 min
Response: 7665757
Conc: 46.42 ug/ml



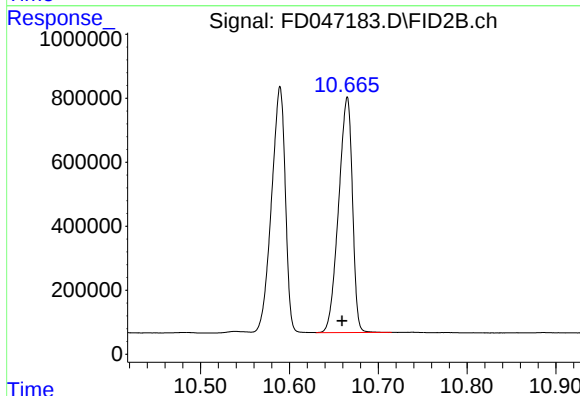
#8 Flouorene (C16.55)

R.T.: 9.200 min
Delta R.T.: 0.003 min
Response: 8086501
Conc: 50.67 ug/ml



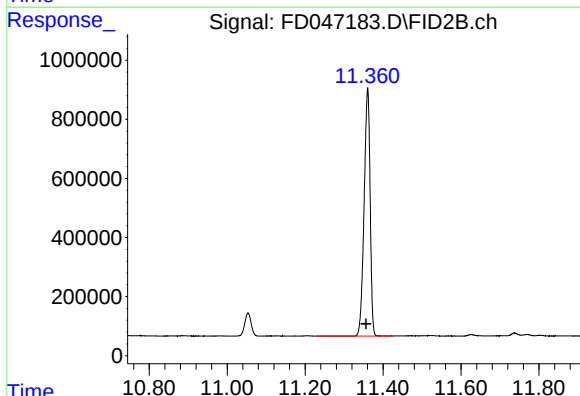
#9 Phenanthrene (C19.36)

R.T.: 10.589 min
Delta R.T.: 0.004 min
Response: 8311750
Conc: 52.51 ug/ml



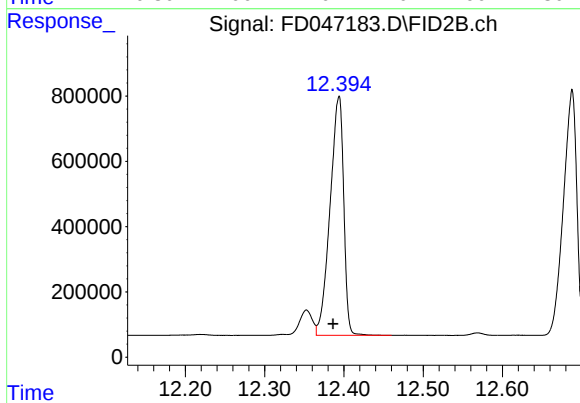
#10 Anthracene (C19.43)

R.T.: 10.665 min
Delta R.T.: 0.005 min
Response: 7958640
Conc: 51.92 ug/ml



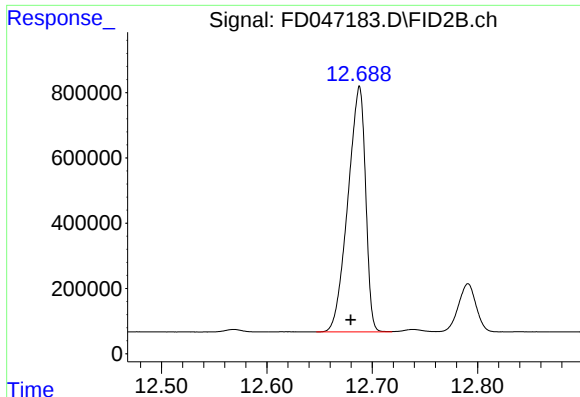
#11 ortho-Terphenyl (SURR)

R.T.: 11.360 min
Delta R.T.: 0.004 min
Response: 8952520
Conc: 50.25 ug/ml



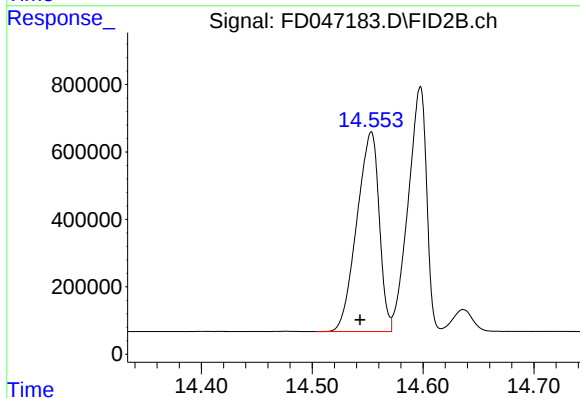
#12 Fluoranthene (C21.85)

R.T.: 12.393 min
Delta R.T.: 0.007 min
Response: 8762989
Conc: 54.93 ug/ml



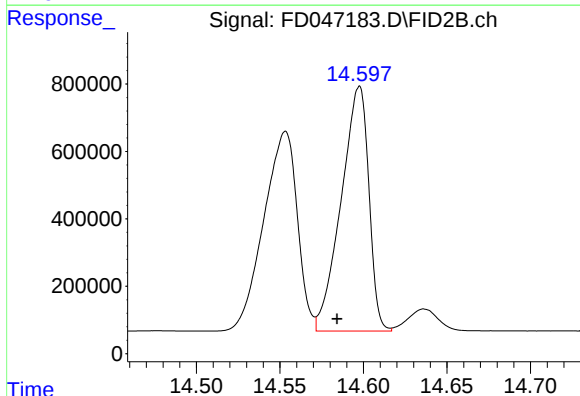
#13 Pyrene (C20.8)

R.T.: 12.687 min
Delta R.T.: 0.008 min
Response: 8780508
Conc: 56.80 ug/ml



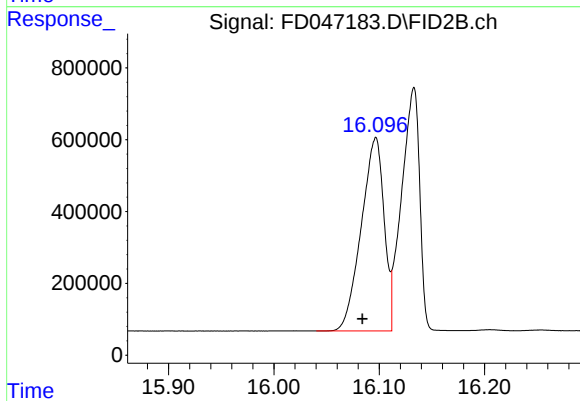
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.010 min
Response: 8302401
Conc: 59.14 ug/ml



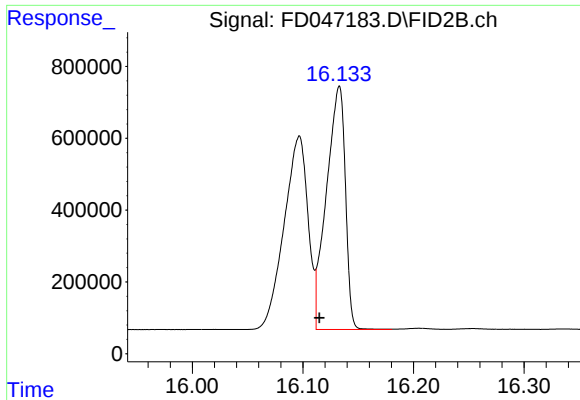
#15 Chrysene (C27.41)

R.T.: 14.597 min
Delta R.T.: 0.013 min
Response: 8373338
Conc: 54.06 ug/ml



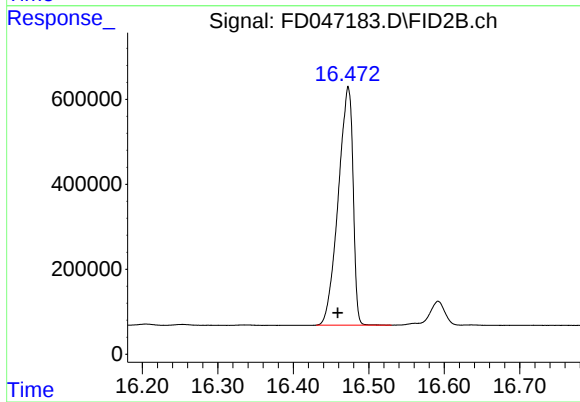
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.096 min
Delta R.T.: 0.012 min
Response: 8105907
Conc: 55.88 ug/ml



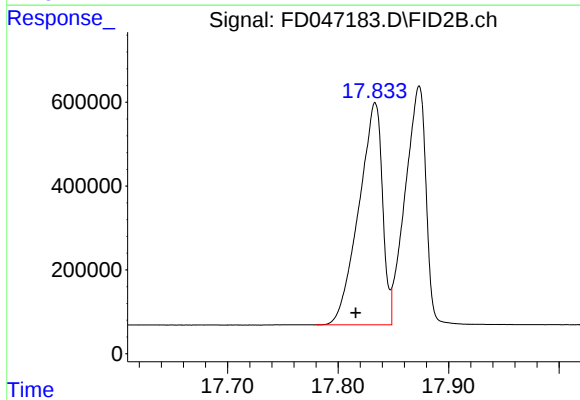
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.132 min
Delta R.T.: 0.017 min
Response: 8065390
Conc: 54.71 ug/ml



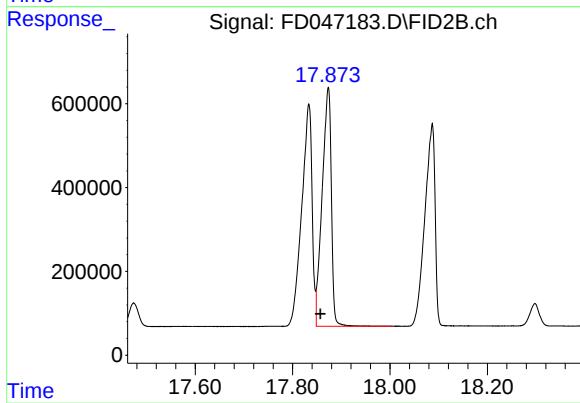
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: 0.013 min
Response: 7639044
Conc: 53.44 ug/ml



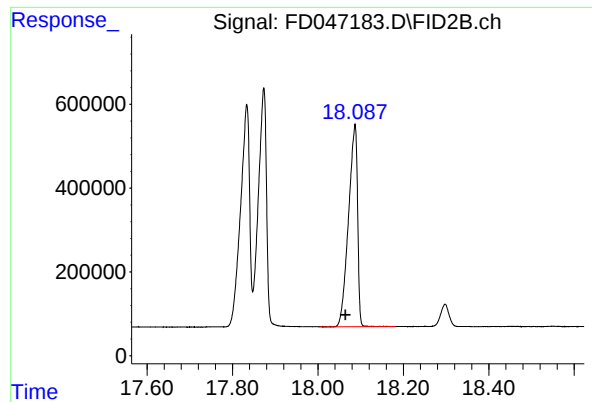
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: 0.017 min
Response: 7887394
Conc: 61.20 ug/ml



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

R.T.: 17.873 min
Delta R.T.: 0.016 min
Response: 7471303
Conc: 52.70 ug/ml



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

R.T.: 18.086 min
Delta R.T.: 0.021 min
Response: 7078047
Conc: 51.58 ug/ml