

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092023AR\
 Data File : FD046550.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2023 09:49
 Operator : YP/AJ
 Sample : 04434-01DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 14:07:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 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...	7.490	1794389	10.182 ug/ml
Spiked Amount 50.000		Recovery =	20.36%
6) S 2-Fluorobiphenyl (SURR)	8.344	992818	8.569 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.14%
11) S ortho-Terphenyl (SURR)	11.380	1035872	5.085 ug/ml
Spiked Amount 50.000		Recovery =	10.17%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.174	35281	0.200 ug/ml
7) T Acenaphthene (C15.5)	8.405	658933	3.507 ug/ml
8) T Fluorene (C16.55)	9.266	72509	0.402 ug/ml
9) T Phenanthrene (C19.36)	10.611	330167	1.878 ug/ml
10) T Anthracene (C19.43)	10.709	67729	0.441 ug/ml
12) T Fluoranthene (C21.85)	12.413	42783	0.251 ug/ml
13) T Pyrene (C20.8)	12.708	230367	1.404 ug/ml
14) T Benzo[a]anthracene (C...	14.561	4550953	32.592 ug/ml
15) T Chrysene (C27.41)	14.634	2343090	15.435 ug/ml
16) T benzo[b]fluoranthene ...	16.095	2638092	19.233 ug/ml
17) T Bnezo[k]fluoranthene ...	16.150	1997352	14.419 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.491	4696972	35.110 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.849	635829	5.072 ug/ml
20) T Dibenz[a,h]anthracene...	17.894	618847	4.651 ug/ml
21) T Benzo[g,h,i]perylene ...	18.119	717540	5.441 ug/ml

(f)=RT Delta > 1/2 Window

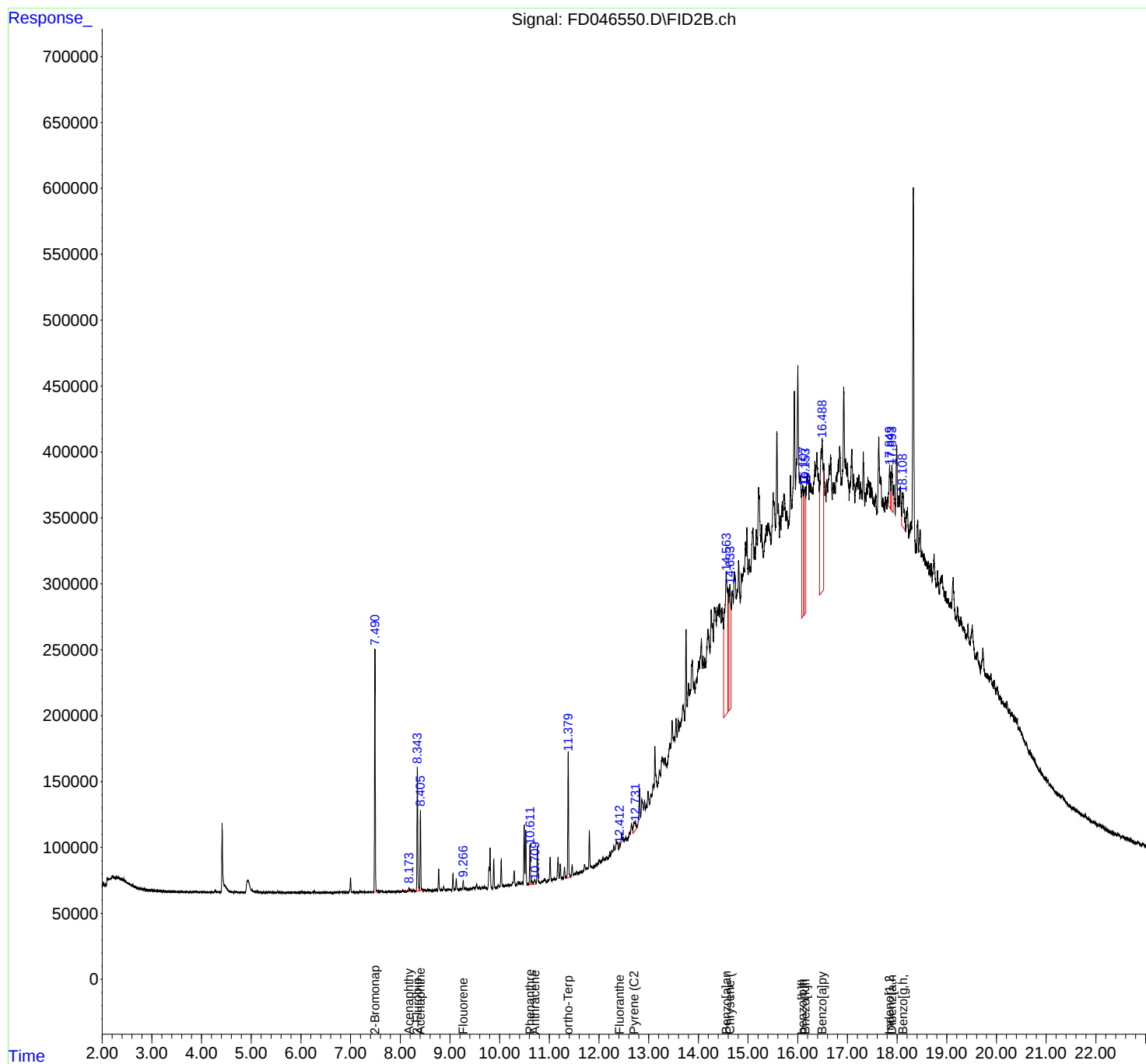
(m)=manual int.

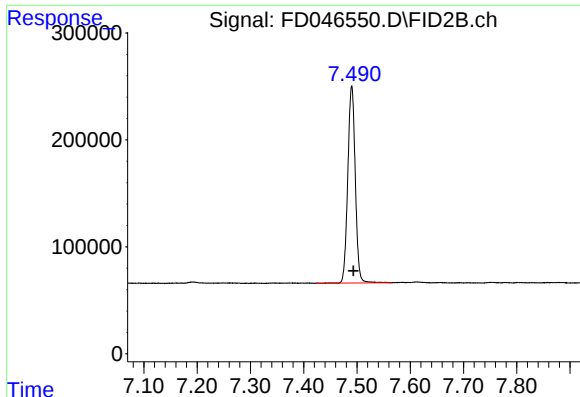
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

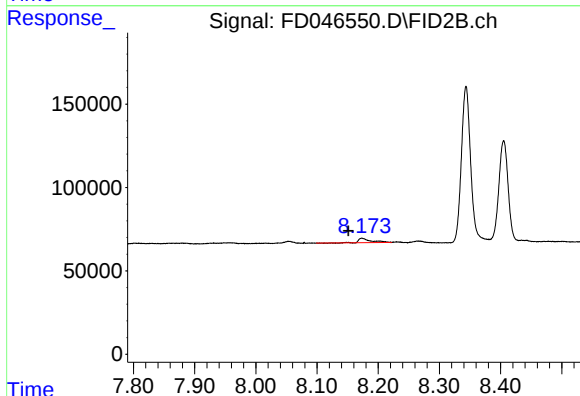




#4 2-Bromonaphthalene (SURR)

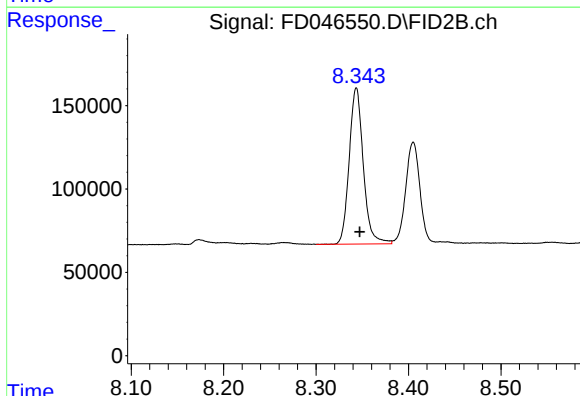
R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 1794389
Conc: 10.18 ug/ml

Instrument :
FID_C
ClientSampleId :



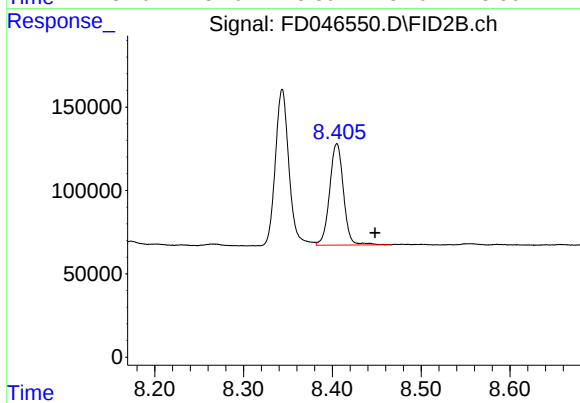
#5 Acenaphthylene (C15.06)

R.T.: 8.174 min
Delta R.T.: 0.023 min
Response: 35281
Conc: 0.20 ug/ml



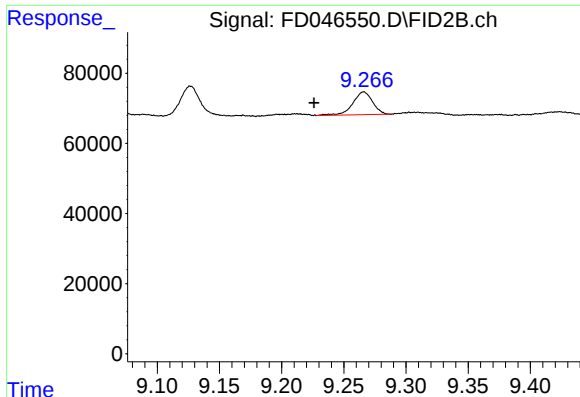
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: -0.004 min
Response: 992818
Conc: 8.57 ug/ml



#7 Acenaphthene (C15.5)

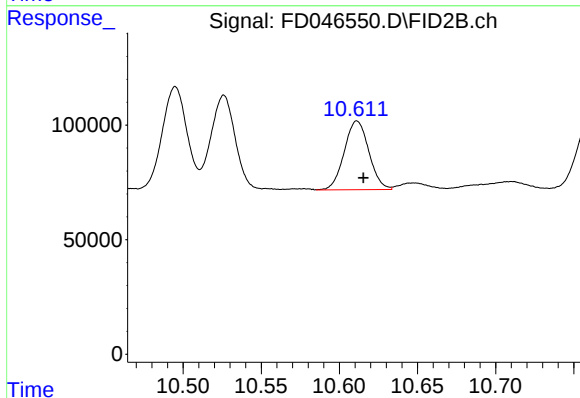
R.T.: 8.405 min
Delta R.T.: -0.043 min
Response: 658933
Conc: 3.51 ug/ml



#8 Fluorene (C16.55)

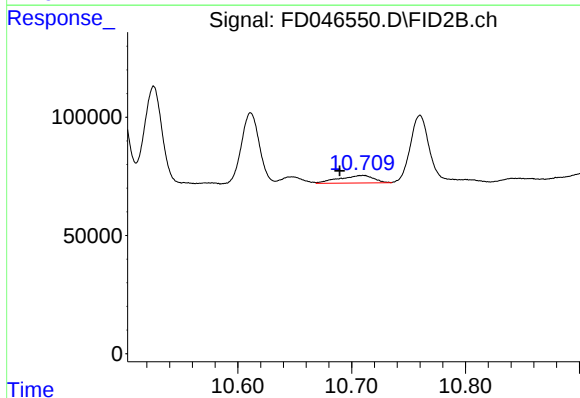
R.T.: 9.266 min
Delta R.T.: 0.040 min
Response: 72509
Conc: 0.40 ug/ml

Instrument :
FID_C
ClientSampleId :



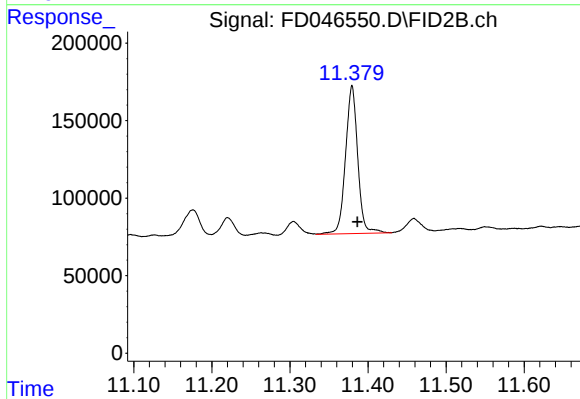
#9 Phenanthrene (C19.36)

R.T.: 10.611 min
Delta R.T.: -0.004 min
Response: 330167
Conc: 1.88 ug/ml



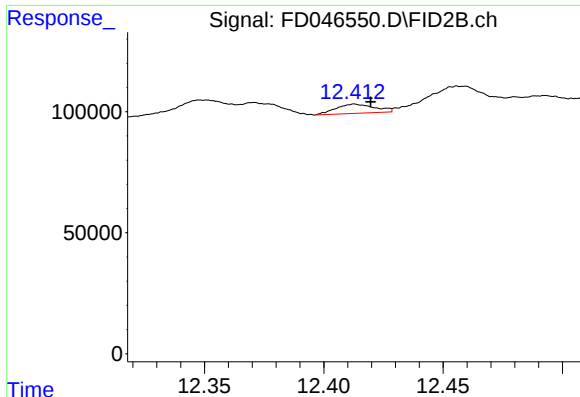
#10 Anthracene (C19.43)

R.T.: 10.709 min
Delta R.T.: 0.020 min
Response: 67729
Conc: 0.44 ug/ml



#11 ortho-Terphenyl (SURR)

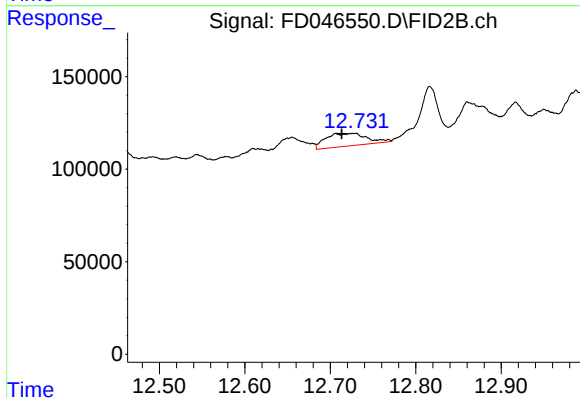
R.T.: 11.380 min
Delta R.T.: -0.007 min
Response: 1035872
Conc: 5.08 ug/ml



#12 Fluoranthene (C21.85)

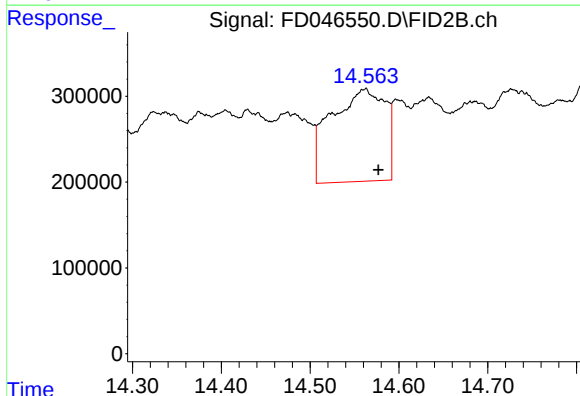
R.T.: 12.413 min
Delta R.T.: -0.006 min
Response: 42783
Conc: 0.25 ug/ml

Instrument :
FID_C
ClientSampleId :



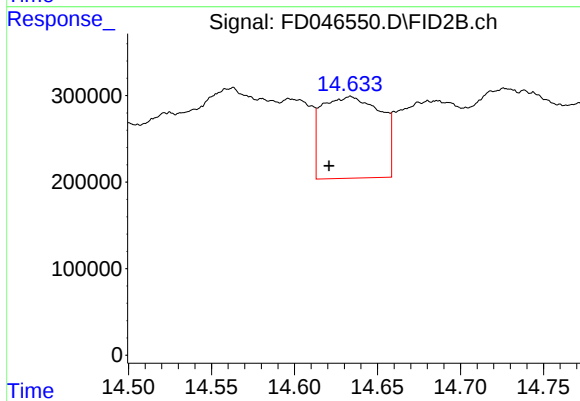
#13 Pyrene (C20.8)

R.T.: 12.708 min
Delta R.T.: -0.006 min
Response: 230367
Conc: 1.40 ug/ml



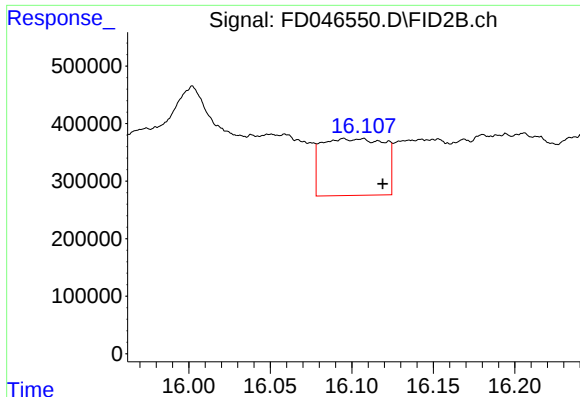
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.561 min
Delta R.T.: -0.016 min
Response: 4550953
Conc: 32.59 ug/ml



#15 Chrysene (C27.41)

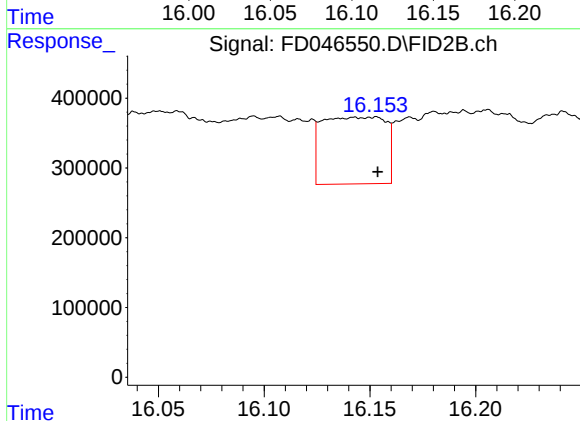
R.T.: 14.634 min
Delta R.T.: 0.013 min
Response: 2343090
Conc: 15.44 ug/ml



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

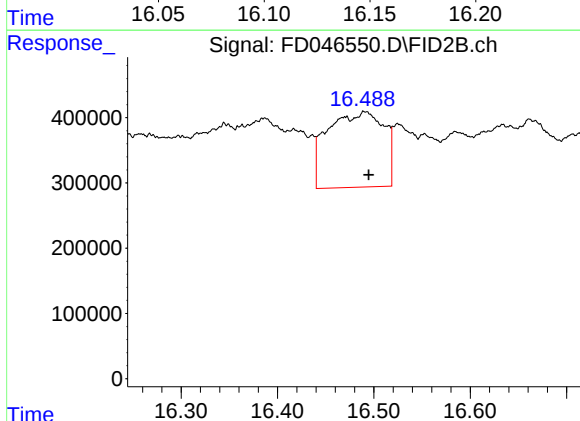
R.T.: 16.095 min
Delta R.T.: -0.024 min
Response: 2638092
Conc: 19.23 ug/ml

Instrument :
FID_C
ClientSampleId :



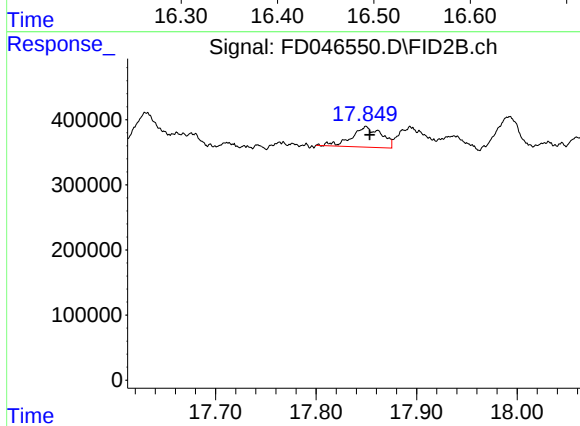
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.150 min
Delta R.T.: -0.004 min
Response: 1997352
Conc: 14.42 ug/ml



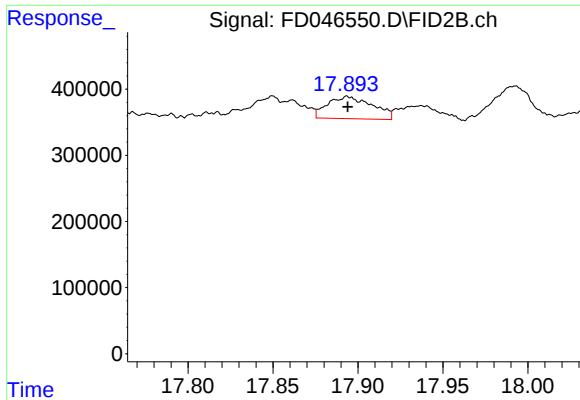
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.491 min
Delta R.T.: -0.003 min
Response: 4696972
Conc: 35.11 ug/ml



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

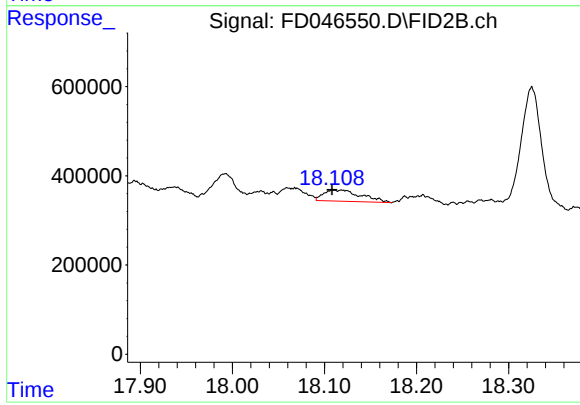
R.T.: 17.849 min
Delta R.T.: -0.004 min
Response: 635829
Conc: 5.07 ug/ml



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

R.T.: 17.894 min
Delta R.T.: 0.000 min
Response: 618847
Conc: 4.65 ug/ml

Instrument :
FID_C
ClientSampleId :



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

R.T.: 18.119 min
Delta R.T.: 0.011 min
Response: 717540
Conc: 5.44 ug/ml