

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045080.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 02:46
 Operator : YP/AJ
 Sample : 01611-02
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 04:26:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.557	6431505	43.853 ug/ml
Spiked Amount 50.000		Recovery =	87.71%
6) S 2-Fluorobiphenyl (SURR)	8.414	4248818	42.568 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.14%
11) S ortho-Terphenyl (SURR)	11.454	5109237	27.490 ug/ml
Spiked Amount 50.000		Recovery =	54.98%
Target Compounds			
2) T Naphthalene (C11.7)	5.896	60288	0.356 ug/ml
5) T Acenaphthylene (C15.06)	8.215	98321	0.626 ug/ml
8) T Fluorene (C16.55)	9.289	54949	0.335 ug/ml
9) T Phenanthrene (C19.36)	10.678	390058	2.412 ug/ml
10) T Anthracene (C19.43)	10.752	134849	0.910 ug/ml
12) T Fluoranthene (C21.85)	12.485	1096706	6.853 ug/ml
13) T Pyrene (C20.8)	12.779	909855	5.798 ug/ml
14) T Benzo[a]anthracene (C...	14.643	501981	3.517 ug/ml
15) T Chrysene (C27.41)	14.684	494937	3.343 ug/ml
16) T benzo[b]fluoranthene ...	16.188	618289	4.262 ug/ml
17) T Bnezo[k]fluoranthene ...	16.215	228419	1.602 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	538596	3.854 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.917	391383	2.908 ug/ml
20) T Dibenz[a,h]anthracene...	17.962	104943	0.792 ug/ml
21) T Benzo[g,h,i]perylene ...	18.167	328933	2.419 ug/ml

(f)=RT Delta > 1/2 Window

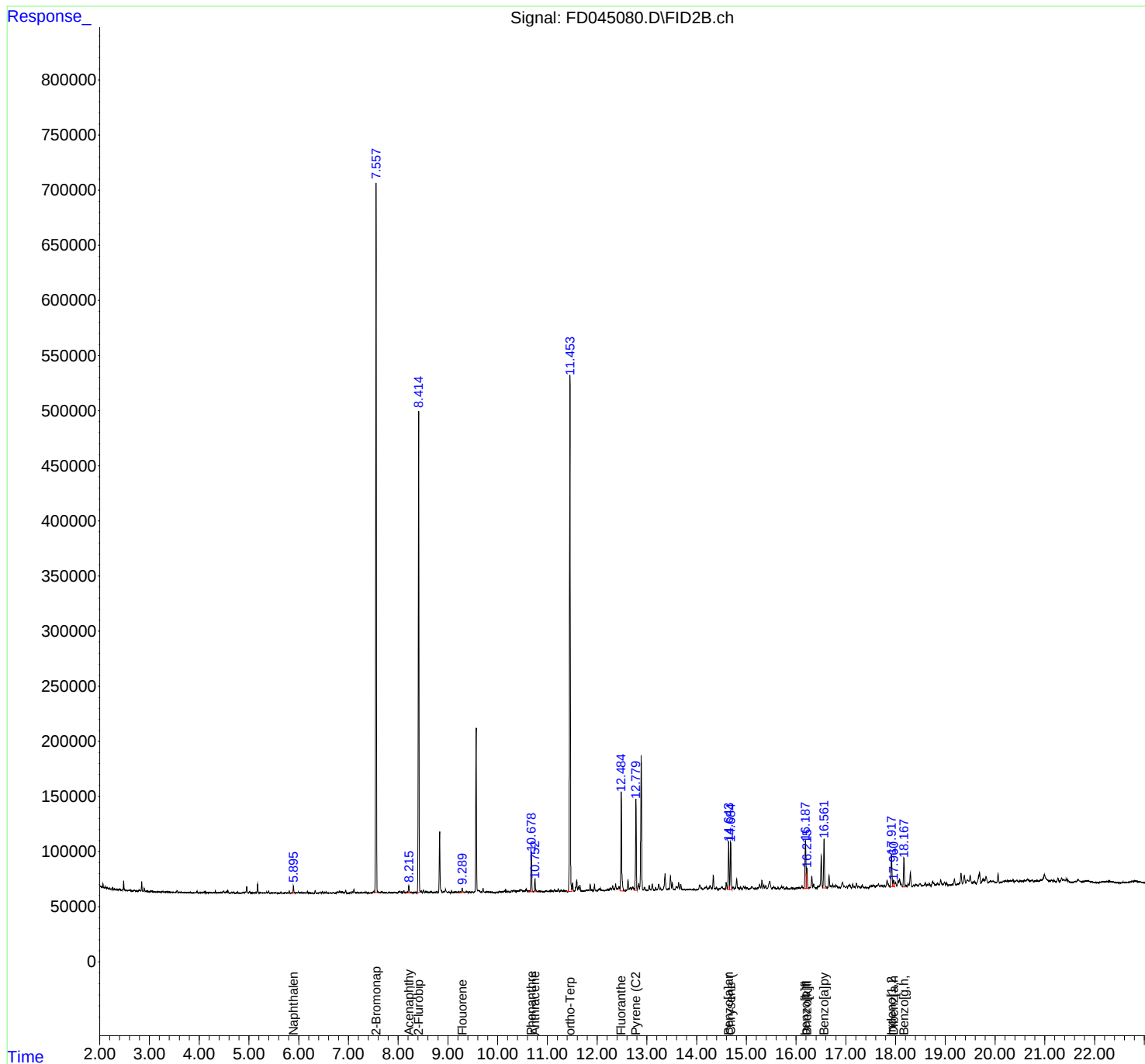
(m)=manual int.

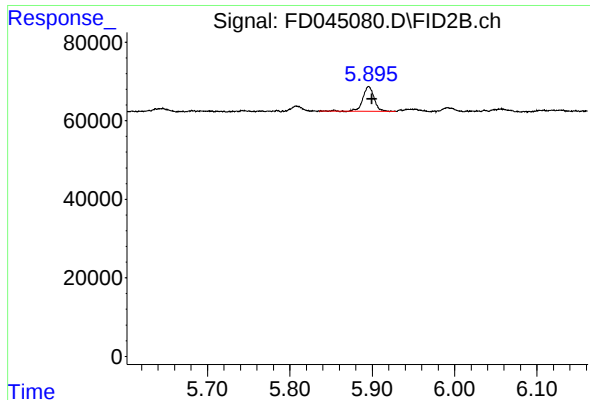
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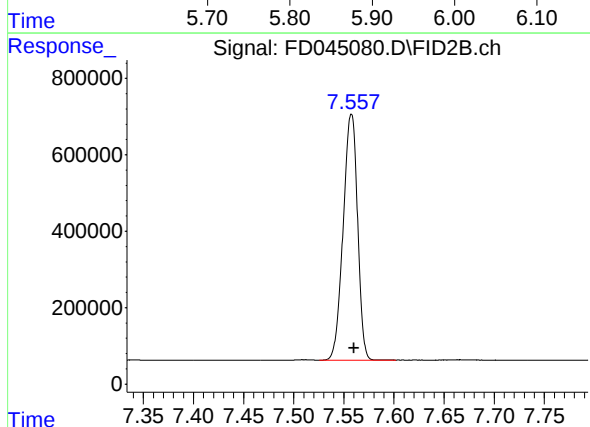




#2 Naphthalene (C11.7)

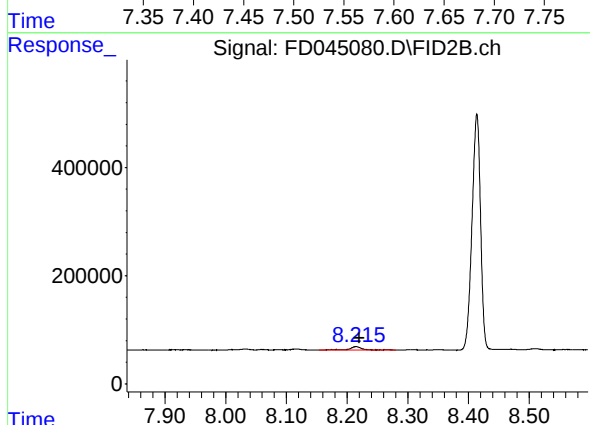
R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 60288
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



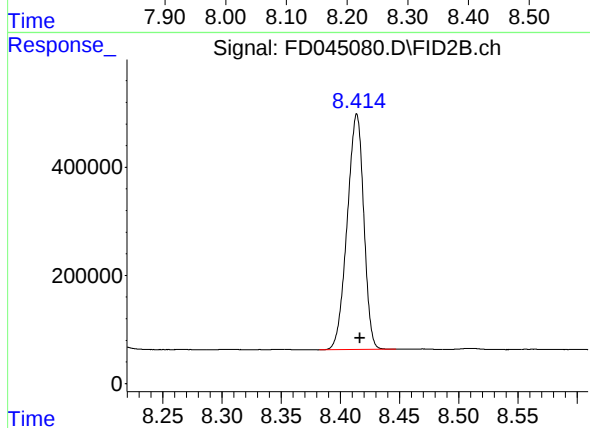
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 6431505
Conc: 43.85 ug/ml



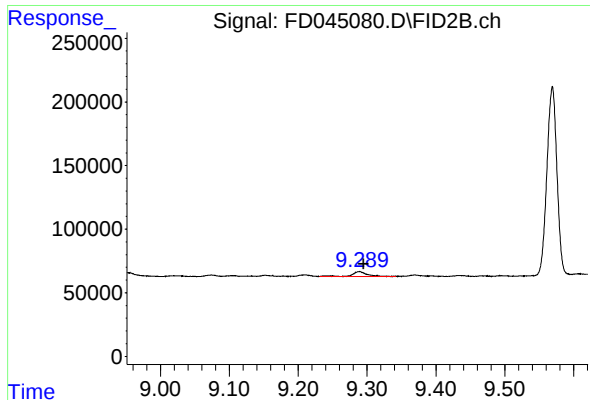
#5 Acenaphthylene (C15.06)

R.T.: 8.215 min
Delta R.T.: -0.005 min
Response: 98321
Conc: 0.63 ug/ml



#6 2-Fluorobiphenyl (SURR)

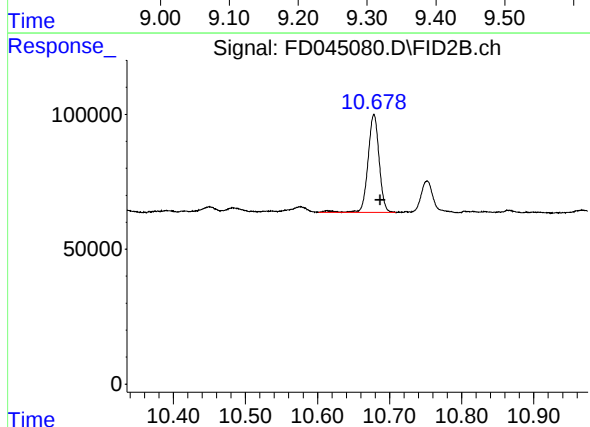
R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4248818
Conc: 42.57 ug/ml



#8 Flouorene (C16.55)

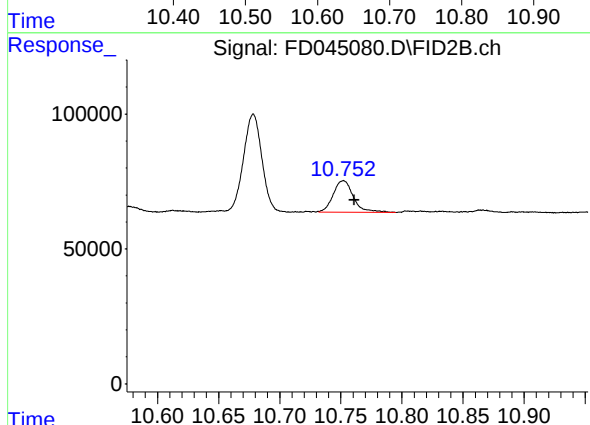
R.T.: 9.289 min
Delta R.T.: -0.006 min
Response: 54949
Conc: 0.33 ug/ml

Instrument :
FID_D
ClientSampleId :



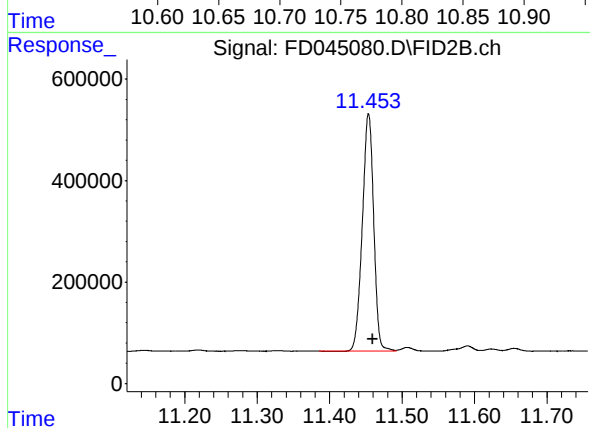
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.009 min
Response: 390058
Conc: 2.41 ug/ml



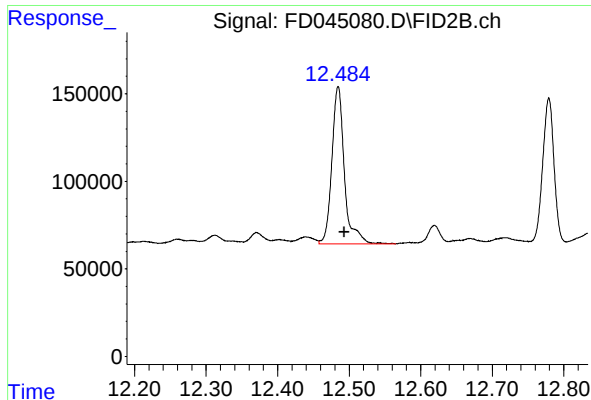
#10 Anthracene (C19.43)

R.T.: 10.752 min
Delta R.T.: -0.009 min
Response: 134849
Conc: 0.91 ug/ml



#11 ortho-Terphenyl (SURR)

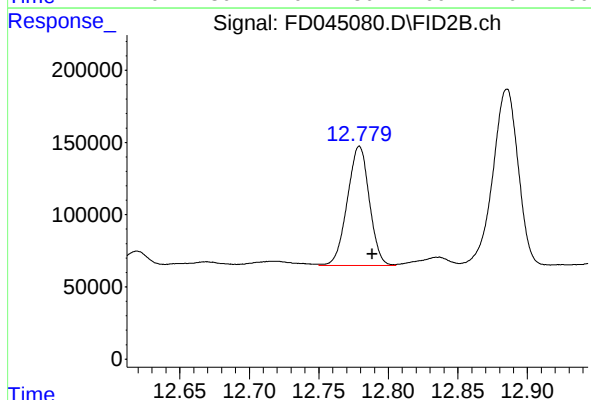
R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 5109237
Conc: 27.49 ug/ml



#12 Fluoranthene (C21.85)

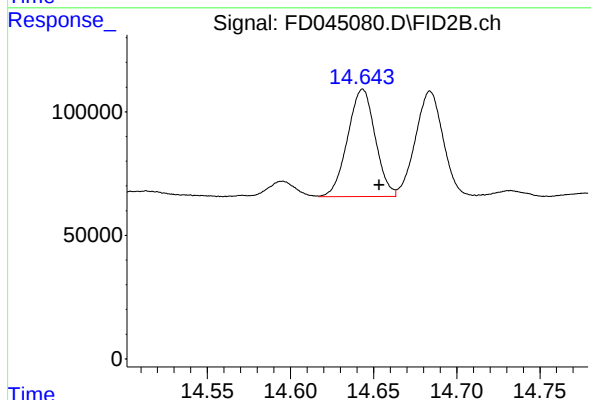
R.T.: 12.485 min
Delta R.T.: -0.009 min
Response: 1096706
Conc: 6.85 ug/ml

Instrument :
FID_D
ClientSampleId :



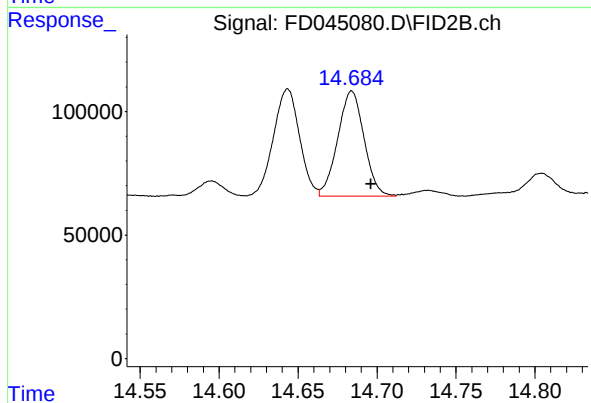
#13 Pyrene (C20.8)

R.T.: 12.779 min
Delta R.T.: -0.009 min
Response: 909855
Conc: 5.80 ug/ml



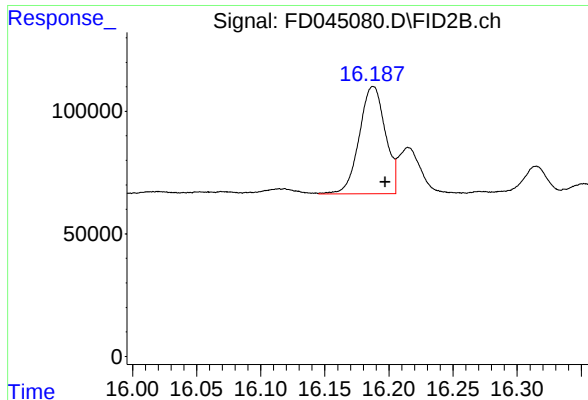
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.643 min
Delta R.T.: -0.010 min
Response: 501981
Conc: 3.52 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: -0.012 min
Response: 494937
Conc: 3.34 ug/ml



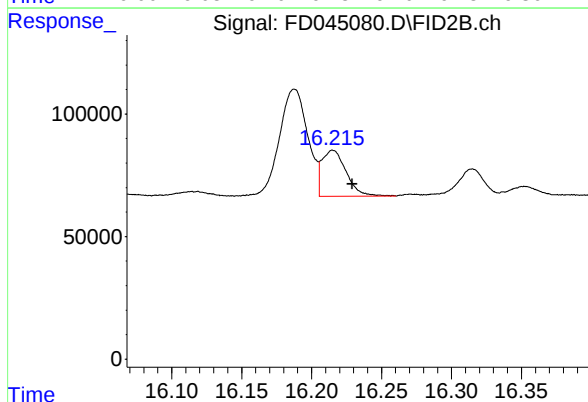
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.188 min
Delta R.T.: -0.010 min
Response: 618289
Conc: 4.26 ug/ml

Instrument :

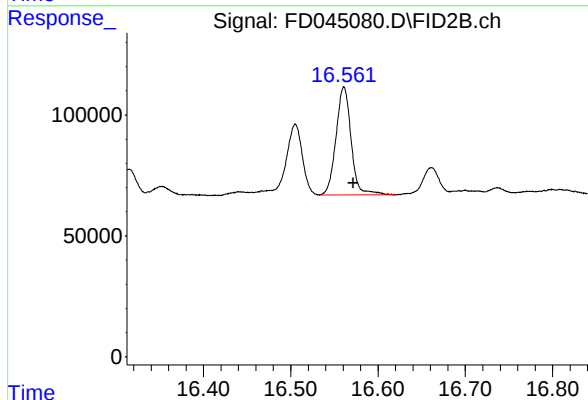
FID_D

ClientSampleId :



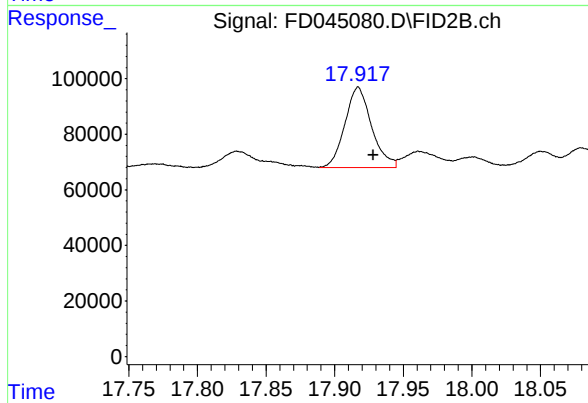
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.215 min
Delta R.T.: -0.014 min
Response: 228419
Conc: 1.60 ug/ml



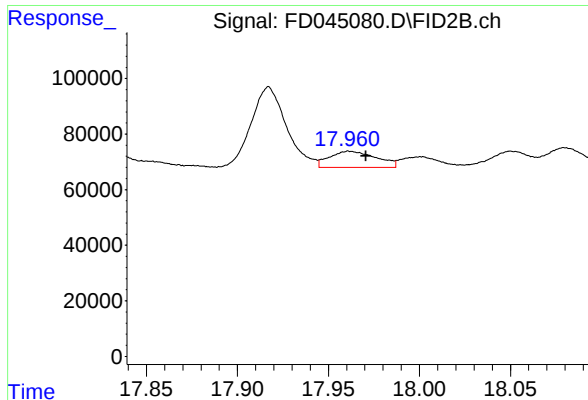
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.561 min
Delta R.T.: -0.011 min
Response: 538596
Conc: 3.85 ug/ml



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

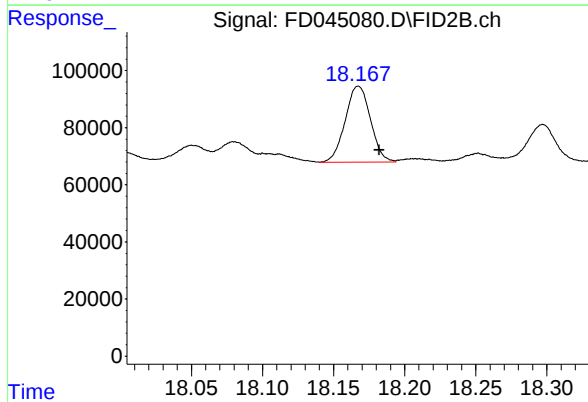
R.T.: 17.917 min
Delta R.T.: -0.011 min
Response: 391383
Conc: 2.91 ug/ml



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

R.T.: 17.962 min
Delta R.T.: -0.009 min
Response: 104943
Conc: 0.79 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.167 min
Delta R.T.: -0.015 min
Response: 328933
Conc: 2.42 ug/ml