

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052223AR\
 Data File : FD045713.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2023 09:27
 Operator : YP/AJ
 Sample : 02837-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 23 00:25:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.563	47689815	279.587 ug/ml
Spiked Amount 50.000		Recovery =	559.17%
6) S 2-Fluorobiphenyl (SURR)	8.430	59174577	514.677 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	1029.35%#
11) S ortho-Terphenyl (SURR)	11.415	50765654	240.458 ug/ml
Spiked Amount 50.000		Recovery =	480.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	1032130	5.529 ug/ml
2) T Naphthalene (C11.7)	5.849	9128809	46.410 ug/ml
3) T 2-Methylnaphthalene (...)	6.949	25752939	130.364 ug/ml
5) T Acenaphthylene (C15.06)	8.202	22643000	126.029 ug/ml
7) T Acenaphthene (C15.5)	8.496	29224434	153.571 ug/ml
8) T Fluorene (C16.55)	9.284	40480540	214.645 ug/ml
9) T Phenanthrene (C19.36)	10.680	50507420	271.729 ug/ml
10) T Anthracene (C19.43)	10.748	43018288	240.631 ug/ml
12) T Fluoranthene (C21.85)	12.460	61893509	343.096 ug/ml
13) T Pyrene (C20.8)	12.751	45194217	257.870 ug/ml
14) T Benzo[a]anthracene (C...	14.617	5986362	37.610 ug/ml
15) T Chrysene (C27.41)	14.652	4387586	27.021 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.899	166269	1.309 ug/ml
20) T Dibenz[a,h]anthracene...	17.969	95442	0.743 ug/ml

(f)=RT Delta > 1/2 Window

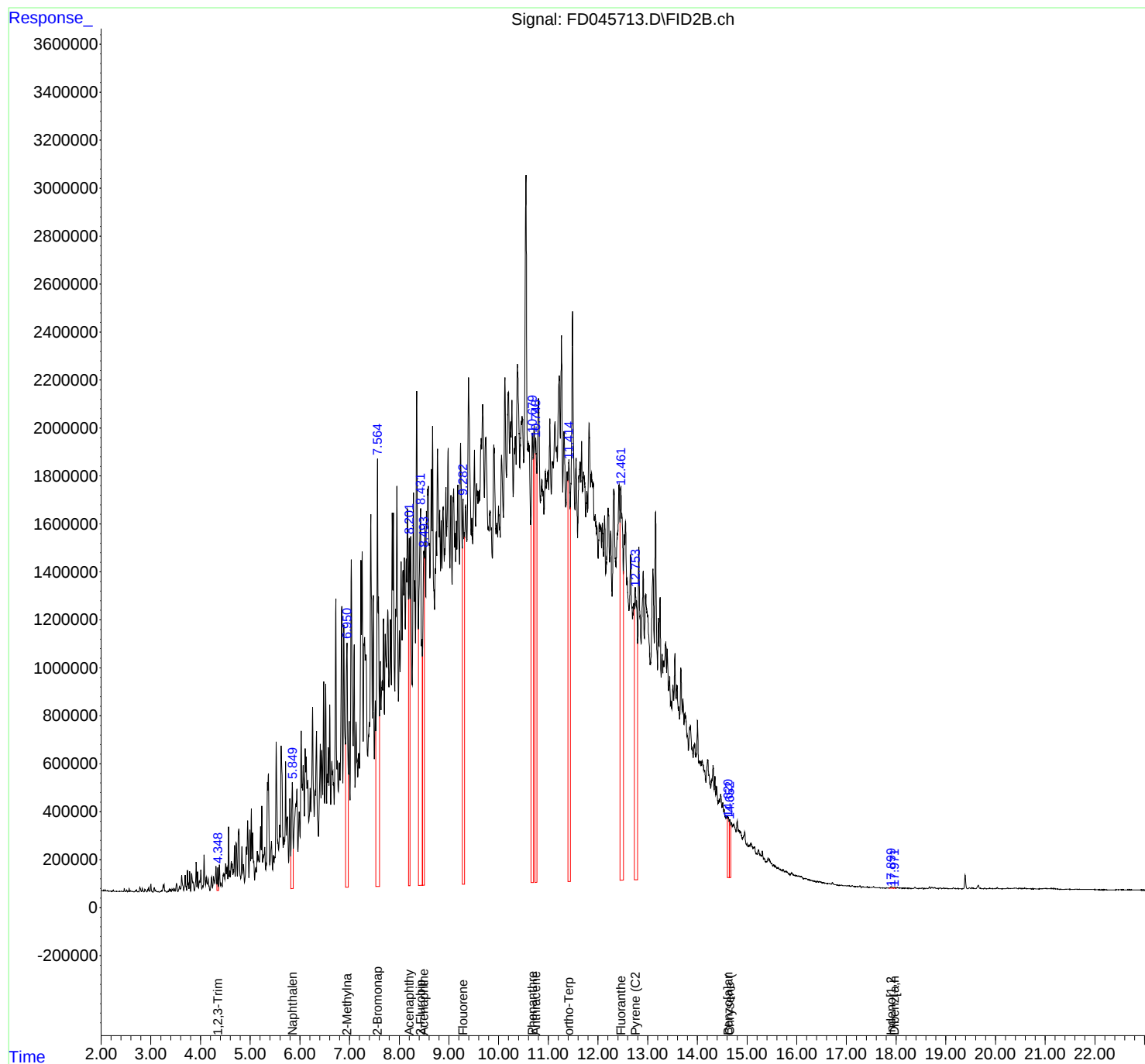
(m)=manual int.

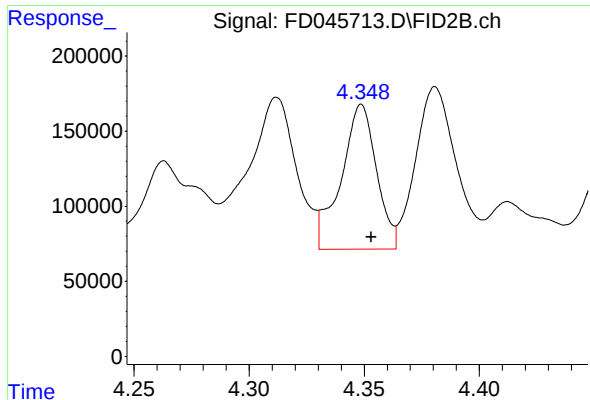
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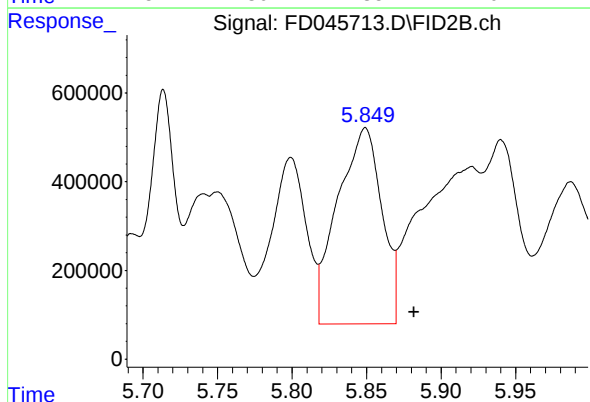




#1 1,2,3-Trimethylbenzene (C10.1)

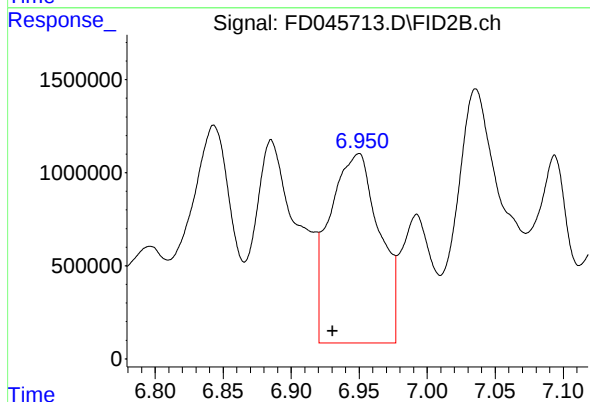
R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 1032130
Conc: 5.53 ug/ml

Instrument :
FID_D
ClientSampleId :



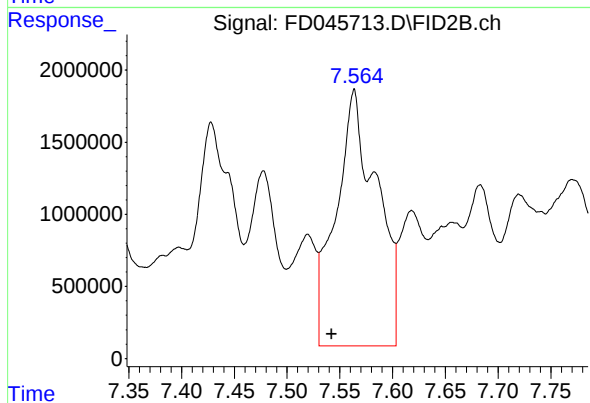
#2 Naphthalene (C11.7)

R.T.: 5.849 min
Delta R.T.: -0.033 min
Response: 9128809
Conc: 46.41 ug/ml



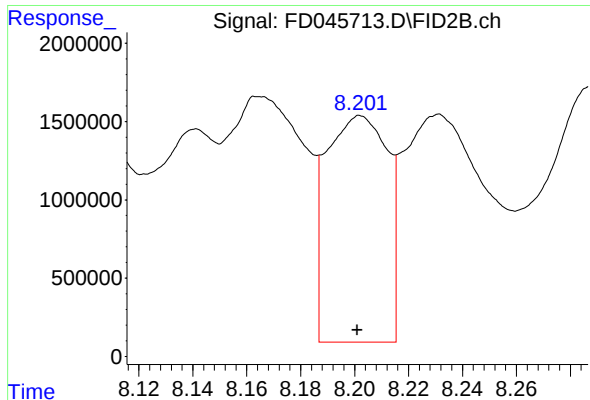
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.949 min
Delta R.T.: 0.019 min
Response: 25752939
Conc: 130.36 ug/ml



#4 2-Bromonaphthalene (SURR)

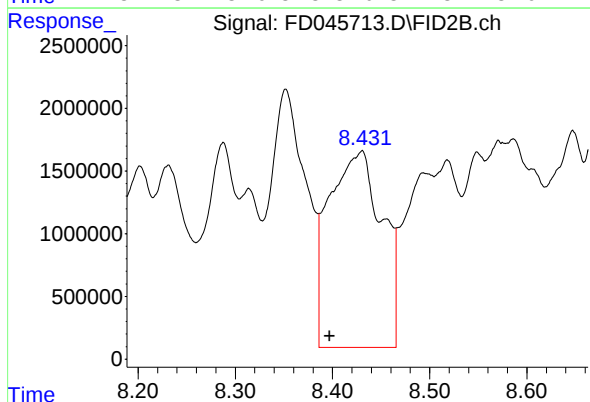
R.T.: 7.563 min
Delta R.T.: 0.021 min
Response: 47689815
Conc: 279.59 ug/ml



#5 Acenaphthylene (C15.06)

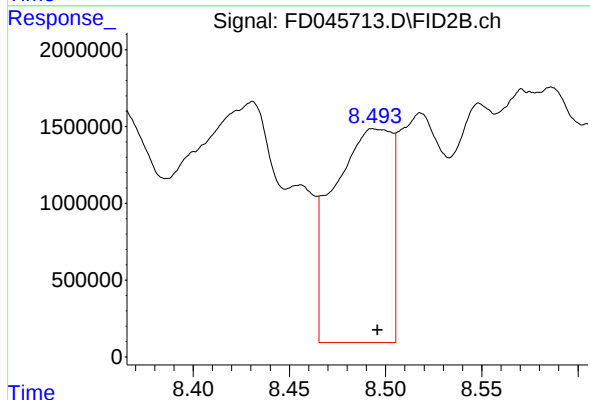
R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 22643000
Conc: 126.03 ug/ml

Instrument :
FID_D
ClientSampleId :



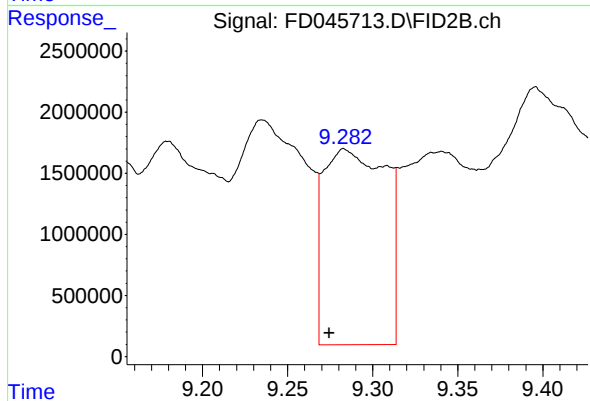
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.430 min
Delta R.T.: 0.032 min
Response: 59174577
Conc: 514.68 ug/ml



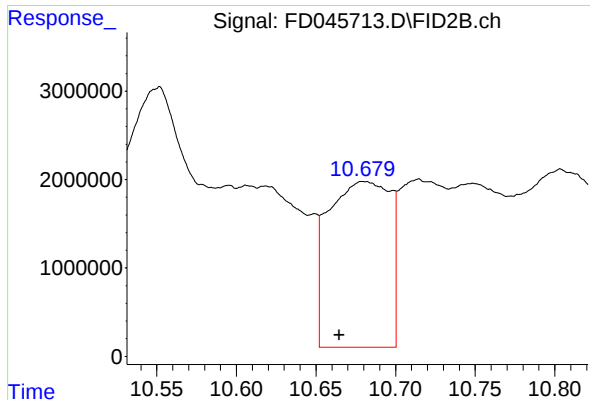
#7 Acenaphthene (C15.5)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 29224434
Conc: 153.57 ug/ml



#8 Fluorene (C16.55)

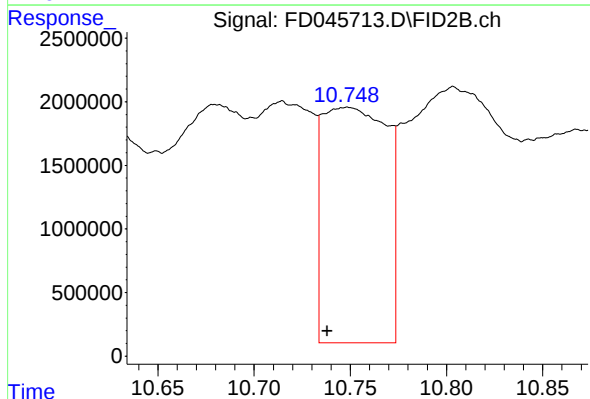
R.T.: 9.284 min
Delta R.T.: 0.009 min
Response: 40480540
Conc: 214.65 ug/ml



#9 Phenanthrene (C19.36)

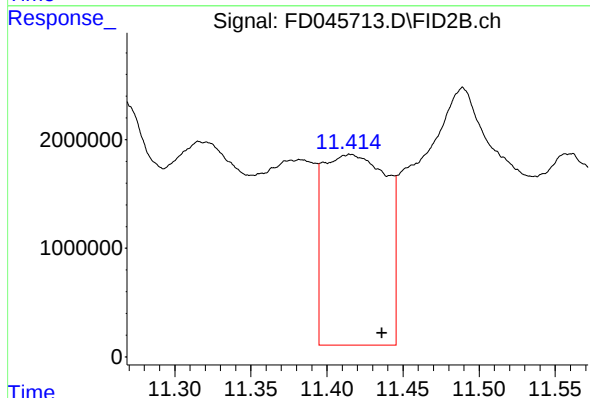
R.T.: 10.680 min
Delta R.T.: 0.016 min
Response: 50507420
Conc: 271.73 ug/ml

Instrument :
FID_D
ClientSampleId :



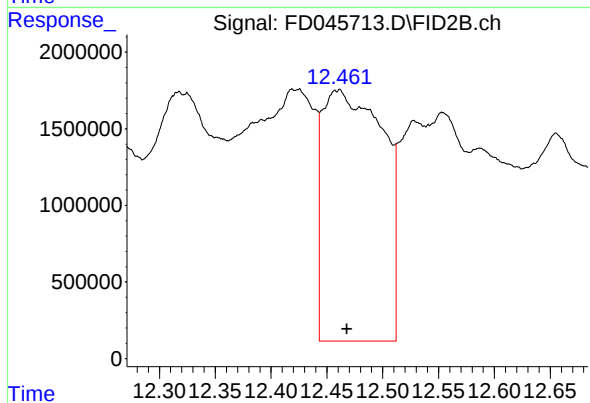
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: 0.010 min
Response: 43018288
Conc: 240.63 ug/ml



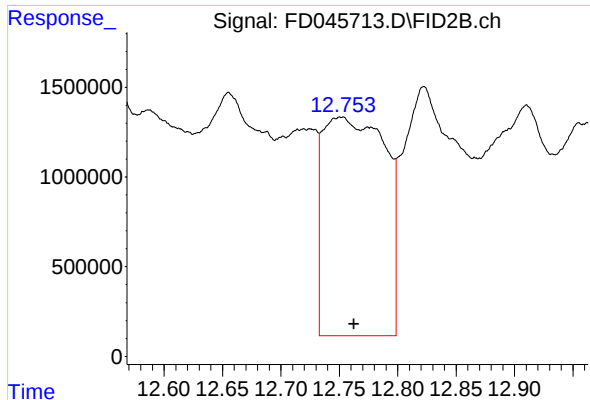
#11 ortho-Terphenyl (SURR)

R.T.: 11.415 min
Delta R.T.: -0.021 min
Response: 50765654
Conc: 240.46 ug/ml



#12 Fluoranthene (C21.85)

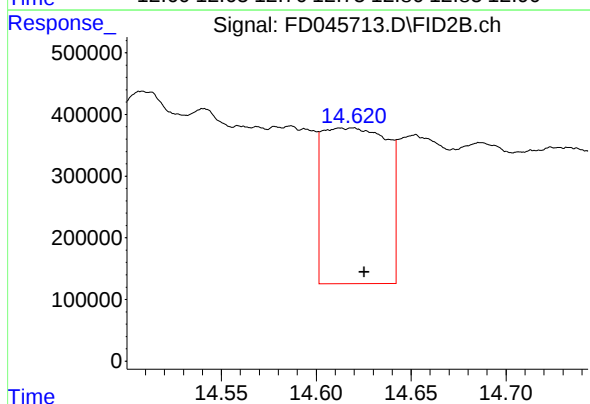
R.T.: 12.460 min
Delta R.T.: -0.008 min
Response: 61893509
Conc: 343.10 ug/ml



#13 Pyrene (C20.8)

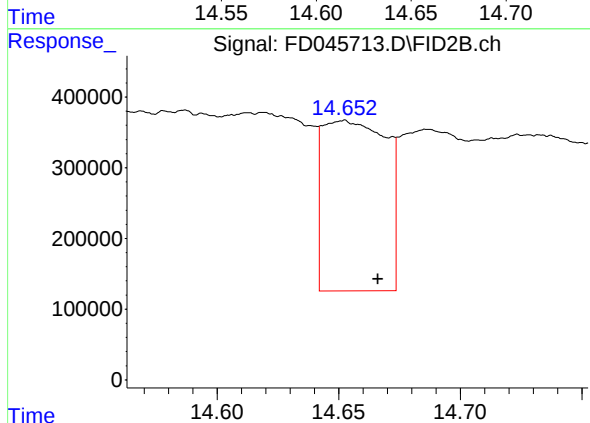
R.T.: 12.751 min
Delta R.T.: -0.012 min
Response: 45194217
Conc: 257.87 ug/ml

Instrument :
FID_D
ClientSampleId :



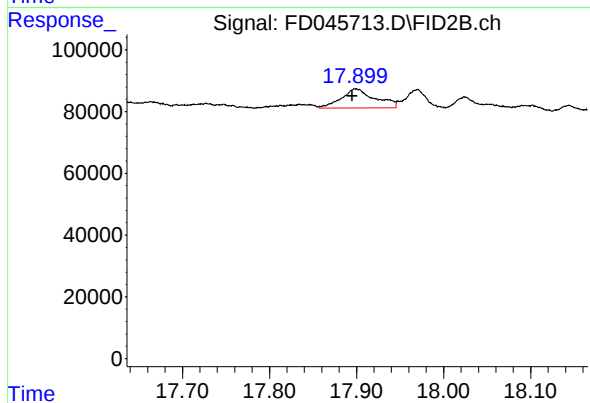
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.617 min
Delta R.T.: -0.008 min
Response: 5986362
Conc: 37.61 ug/ml



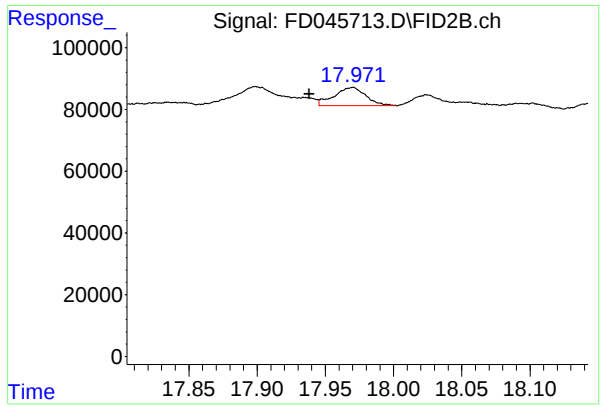
#15 Chrysene (C27.41)

R.T.: 14.652 min
Delta R.T.: -0.015 min
Response: 4387586
Conc: 27.02 ug/ml



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

R.T.: 17.899 min
Delta R.T.: 0.004 min
Response: 166269
Conc: 1.31 ug/ml



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

R.T.: 17.969 min
Delta R.T.: 0.031 min
Response: 95442
Conc: 0.74 ug/ml

Instrument :
FID_D
ClientSampleId :