

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060723AR\
 Data File : FD045815.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jun 2023 18:02
 Operator : YP/AJ
 Sample : 03041-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 23:55:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.531	8446390	46.850 ug/ml
Spiked Amount 50.000		Recovery =	93.70%
6) S 2-Fluorobiphenyl (SURR)	8.386	5898061	49.058 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.12%
11) S ortho-Terphenyl (SURR)	11.433	19439101	87.027 ug/ml
Spiked Amount 50.000		Recovery =	174.05%
Target Compounds			
2) T Naphthalene (C11.7)	5.869	29183	0.138 ug/ml
5) T Acenaphthylene (C15.06)	8.188	127459	0.673 ug/ml
7) T Acenaphthene (C15.5)	8.477	382747	1.893 ug/ml
8) T Flouorene (C16.55)	9.286	4432883	22.373 ug/ml
9) T Phenanthrene (C19.36)	10.652	8841745	46.217 ug/ml
10) T Anthracene (C19.43)	10.735	8547349	50.176 ug/ml
12) T Fluoranthene (C21.85)	12.438	11092131	60.039 ug/ml
13) T Pyrene (C20.8)	12.763	5603764	31.376 ug/ml
14) T Benzo[a]anthracene (C...	14.617	2833454	18.097 ug/ml
15) T Chrysene (C27.41)	14.676	2416768	14.649 ug/ml
16) T benzo[b]fluoranthene ...	16.155	783413	5.176 ug/ml
17) T Bnezo[k]fluoranthene ...	16.155	783413	5.060 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.512	1232185	8.426 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	25692	0.175 ug/ml
20) T Dibenz[a,h]anthracene...	17.927	37531	0.250 ug/ml

(f)=RT Delta > 1/2 Window

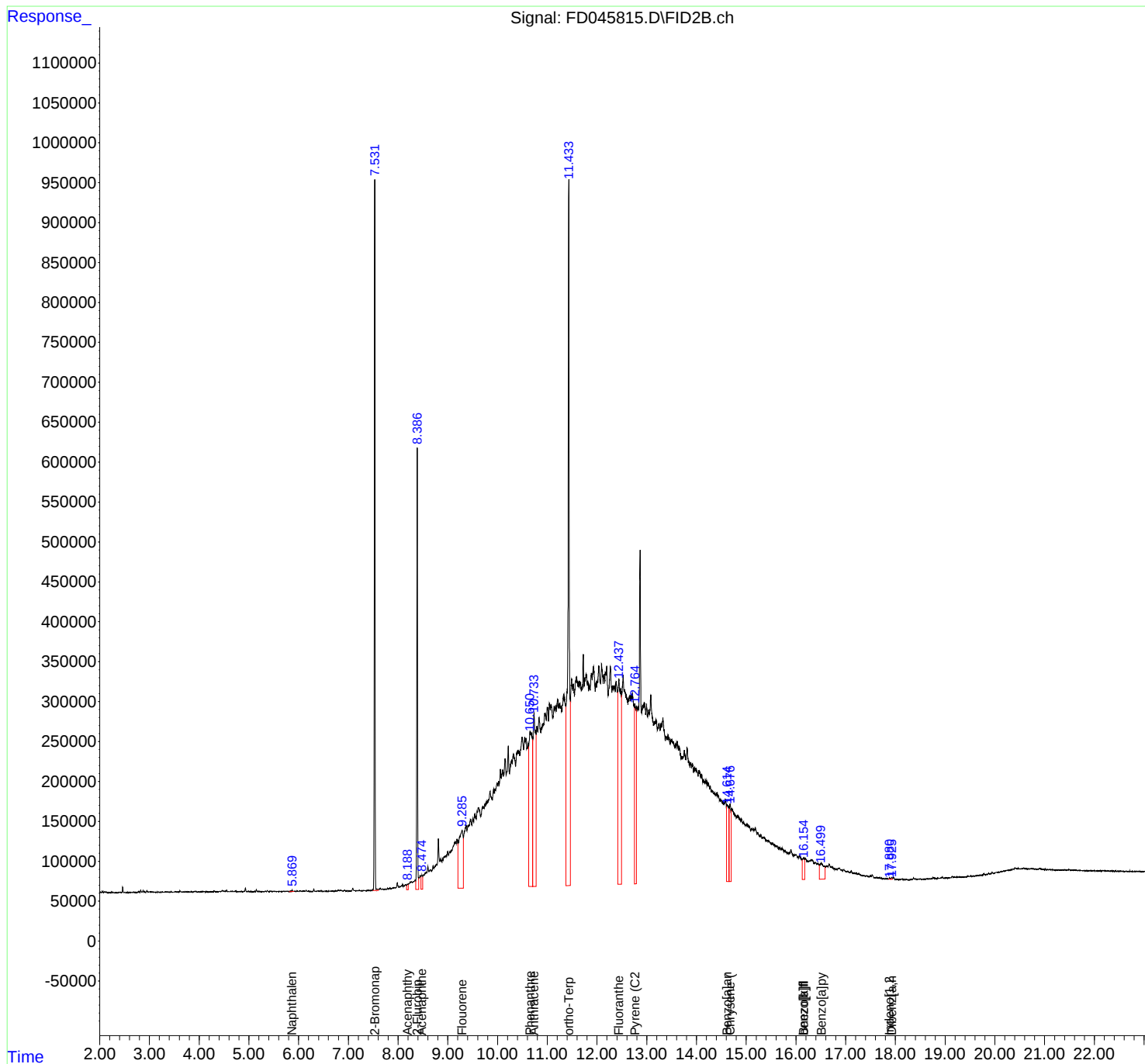
(m)=manual int.

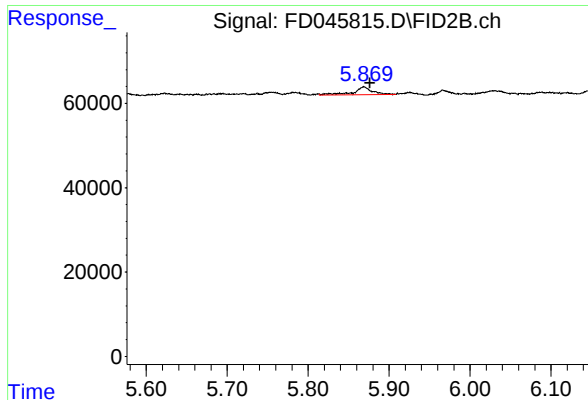
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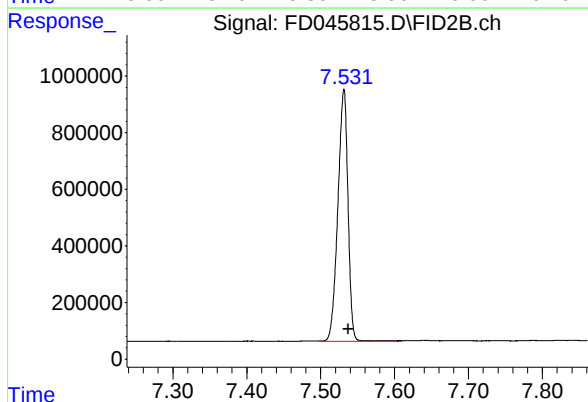




#2 Naphthalene (C11.7)

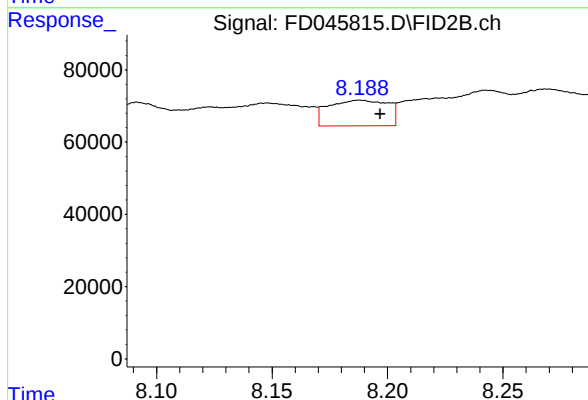
R.T.: 5.869 min
Delta R.T.: -0.008 min
Response: 29183
Conc: 0.14 ug/ml

Instrument :
FID_D
ClientSampleId :



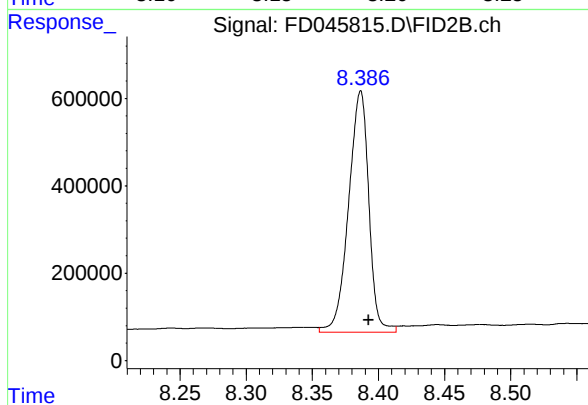
#4 2-Bromonaphthalene (SURR)

R.T.: 7.531 min
Delta R.T.: -0.006 min
Response: 8446390
Conc: 46.85 ug/ml



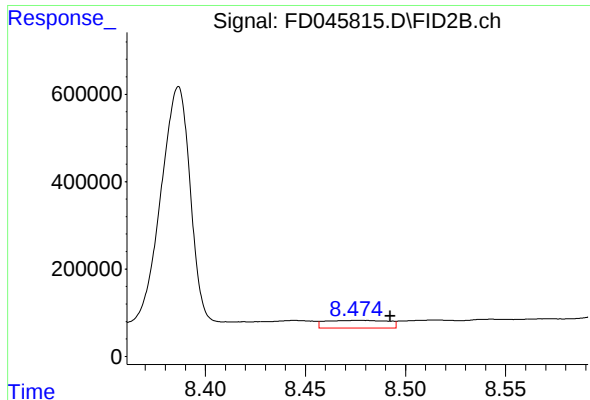
#5 Acenaphthylene (C15.06)

R.T.: 8.188 min
Delta R.T.: -0.009 min
Response: 127459
Conc: 0.67 ug/ml



#6 2-Fluorobiphenyl (SURR)

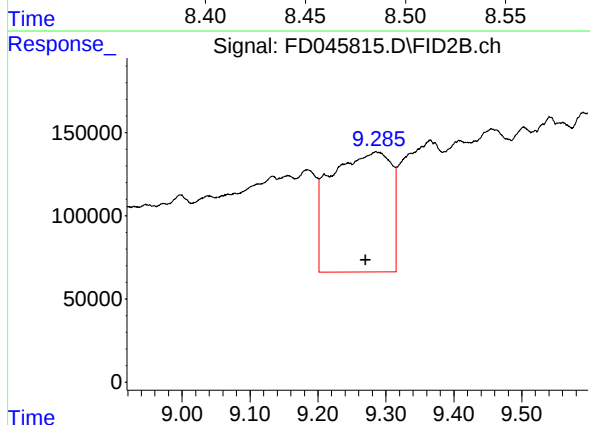
R.T.: 8.386 min
Delta R.T.: -0.006 min
Response: 5898061
Conc: 49.06 ug/ml



#7 Acenaphthene (C15.5)

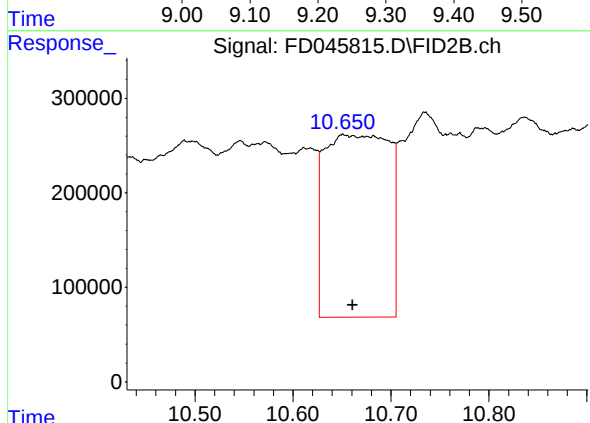
R.T.: 8.477 min
Delta R.T.: -0.016 min
Response: 382747
Conc: 1.89 ug/ml

Instrument :
FID_D
ClientSampleId :



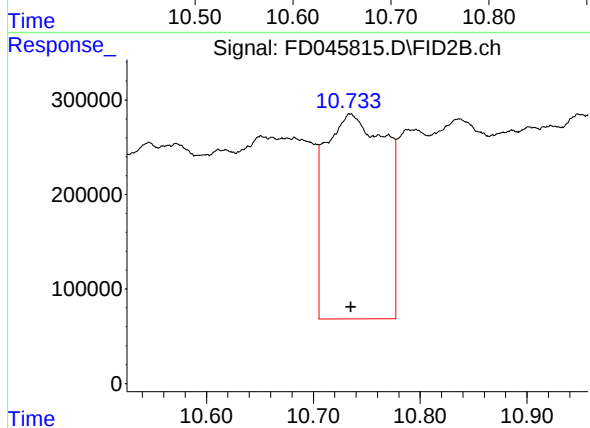
#8 Flouorene (C16.55)

R.T.: 9.286 min
Delta R.T.: 0.016 min
Response: 4432883
Conc: 22.37 ug/ml



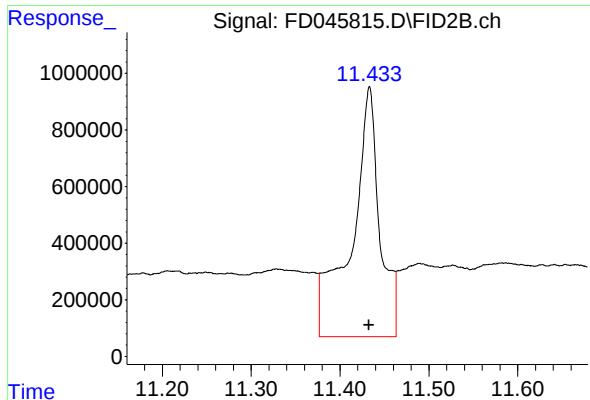
#9 Phenanthrene (C19.36)

R.T.: 10.652 min
Delta R.T.: -0.009 min
Response: 8841745
Conc: 46.22 ug/ml



#10 Anthracene (C19.43)

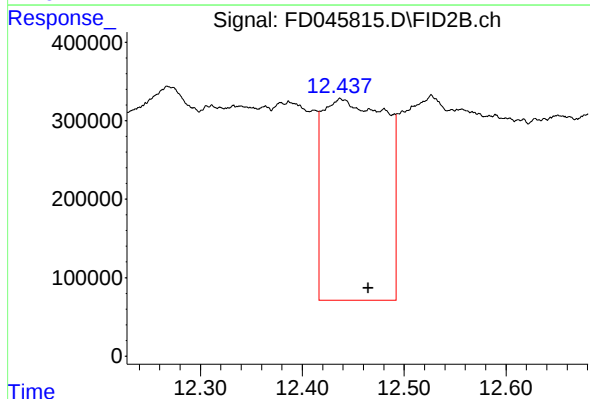
R.T.: 10.735 min
Delta R.T.: 0.000 min
Response: 8547349
Conc: 50.18 ug/ml



#11 ortho-Terphenyl (SURR)

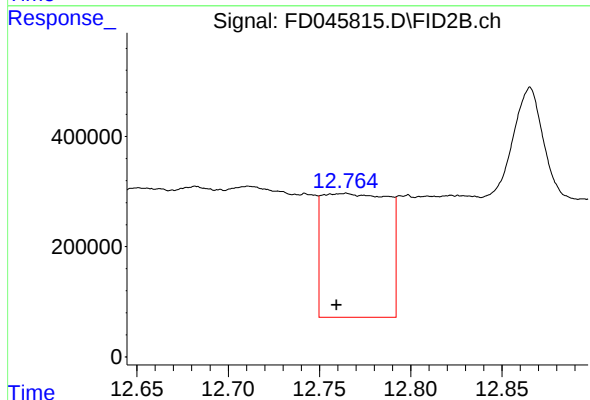
R.T.: 11.433 min
Delta R.T.: 0.000 min
Response: 19439101
Conc: 87.03 ug/ml

Instrument :
FID_D
ClientSampleId :



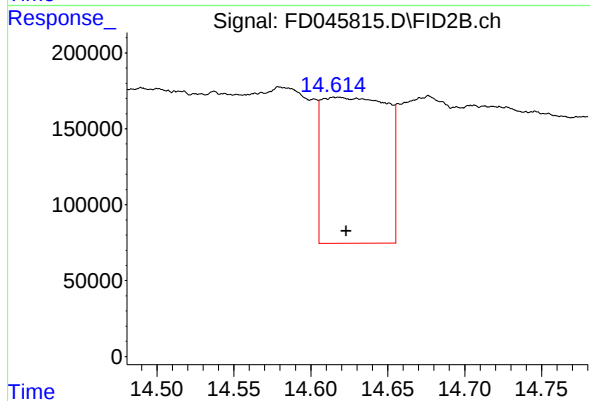
#12 Fluoranthene (C21.85)

R.T.: 12.438 min
Delta R.T.: -0.027 min
Response: 11092131
Conc: 60.04 ug/ml



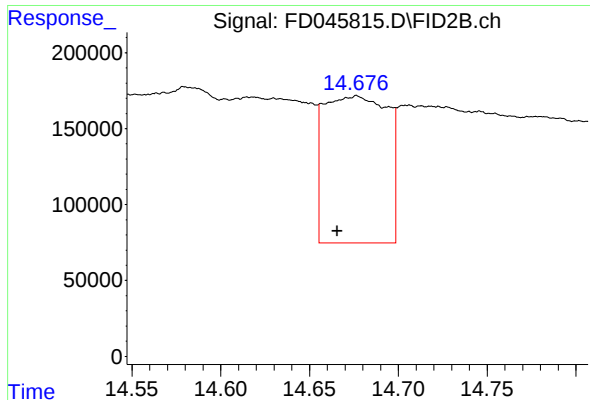
#13 Pyrene (C20.8)

R.T.: 12.763 min
Delta R.T.: 0.004 min
Response: 5603764
Conc: 31.38 ug/ml



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

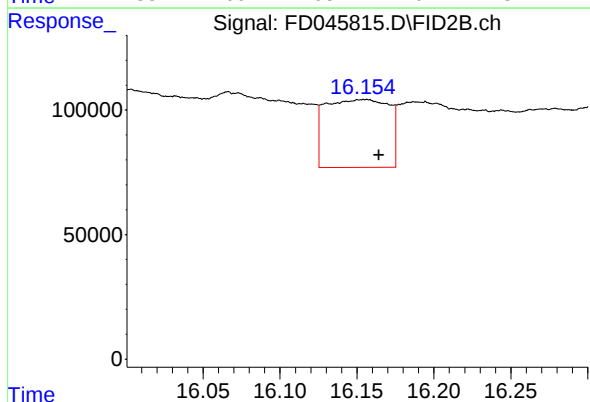
R.T.: 14.617 min
Delta R.T.: -0.006 min
Response: 2833454
Conc: 18.10 ug/ml



#15 Chrysene (C27.41)

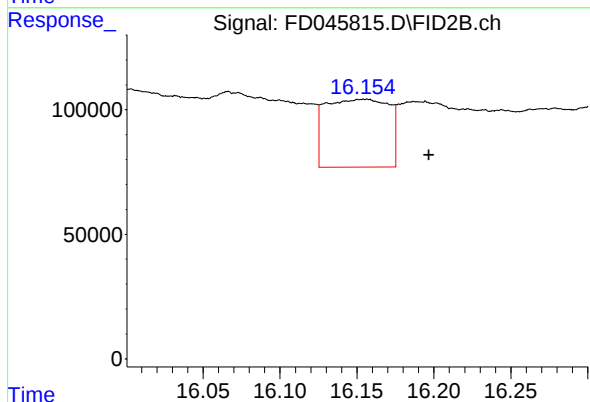
R.T.: 14.676 min
Delta R.T.: 0.010 min
Response: 2416768
Conc: 14.65 ug/ml

Instrument :
FID_D
ClientSampleId :



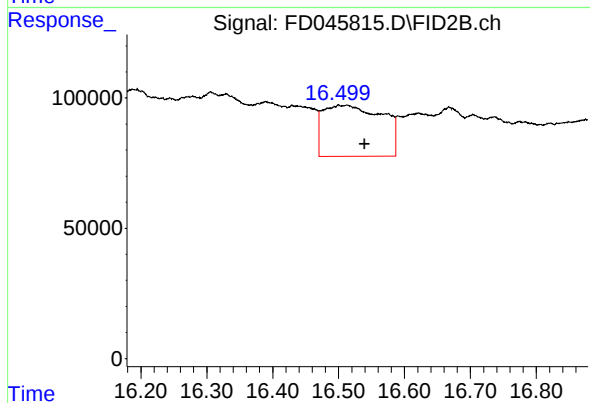
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.155 min
Delta R.T.: -0.010 min
Response: 783413
Conc: 5.18 ug/ml



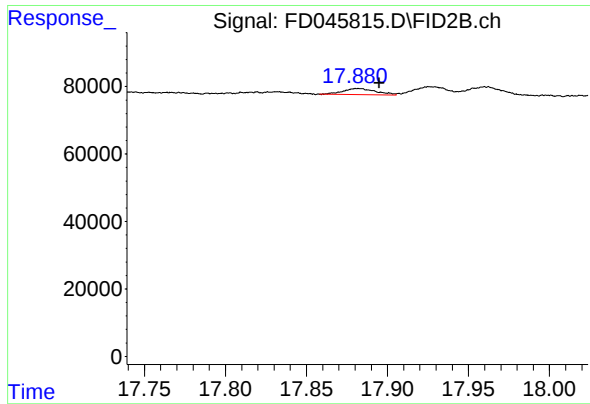
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.155 min
Delta R.T.: -0.042 min
Response: 783413
Conc: 5.06 ug/ml



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

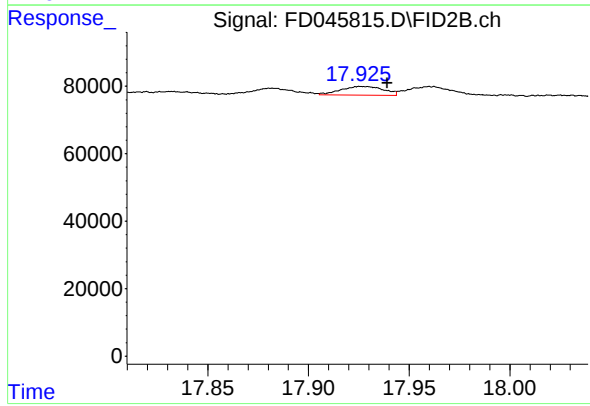
R.T.: 16.512 min
Delta R.T.: -0.027 min
Response: 1232185
Conc: 8.43 ug/ml



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

R.T.: 17.882 min
Delta R.T.: -0.013 min
Response: 25692
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.927 min
Delta R.T.: -0.012 min
Response: 37531
Conc: 0.25 ug/ml