

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051923AR\
 Data File : FD045698.D
 Signal(s) : FID2B.ch
 Acq On : 19 May 2023 19:26
 Operator : YP/AJ
 Sample : 02837-01D
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 20 00:36:06 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...	7.562	44083451	258.444 ug/ml
Spiked Amount 50.000		Recovery =	516.89%
6) S 2-Fluorobiphenyl (SURR)	8.427	56479217	491.234 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	982.47%#
11) S ortho-Terphenyl (SURR)	11.409	40059101	189.745 ug/ml
Spiked Amount 50.000		Recovery =	379.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	952303	5.102 ug/ml
2) T Naphthalene (C11.7)	5.849	8559270	43.514 ug/ml
3) T 2-Methylnaphthalene (...)	6.948	23390500	118.405 ug/ml
5) T Acenaphthylene (C15.06)	8.200	21022252	117.008 ug/ml
7) T Acenaphthene (C15.5)	8.493	23877938	125.476 ug/ml
8) T Fluorene (C16.55)	9.283	34575124	183.332 ug/ml
9) T Phenanthrene (C19.36)	10.678	45187977	243.110 ug/ml
10) T Anthracene (C19.43)	10.745	36207812	202.536 ug/ml
12) T Fluoranthene (C21.85)	12.457	53775657	298.096 ug/ml
13) T Pyrene (C20.8)	12.750	42708015	243.684 ug/ml
14) T Benzo[a]anthracene (C...	14.611	5400328	33.928 ug/ml
15) T Chrysene (C27.41)	14.649	4193869	25.828 ug/ml
20) T Dibenz[a,h]anthracene...	17.969	146441	1.140 ug/ml

(f)=RT Delta > 1/2 Window

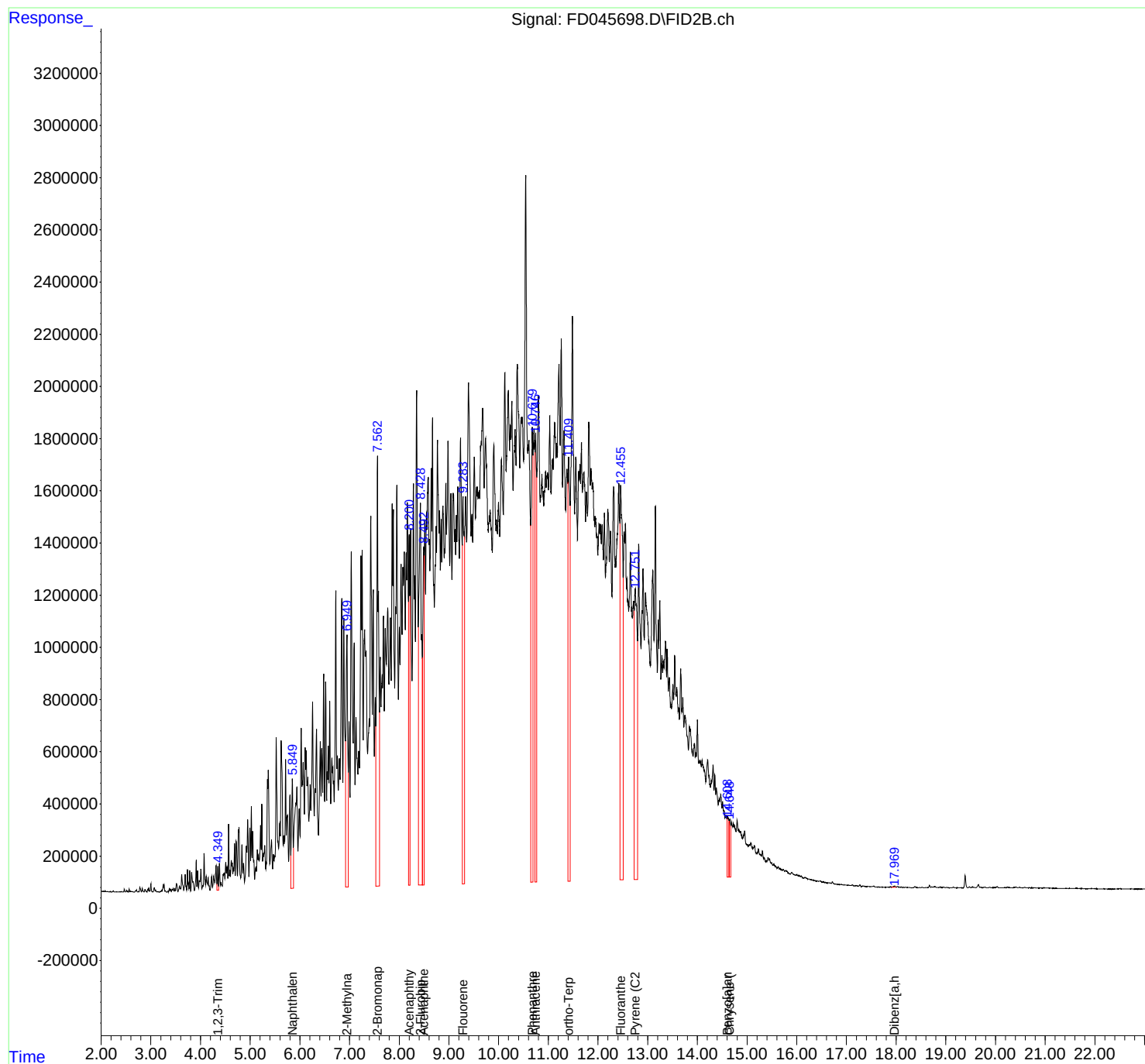
(m)=manual int.

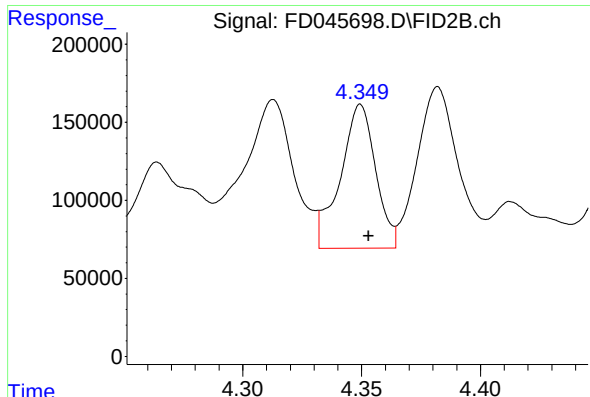
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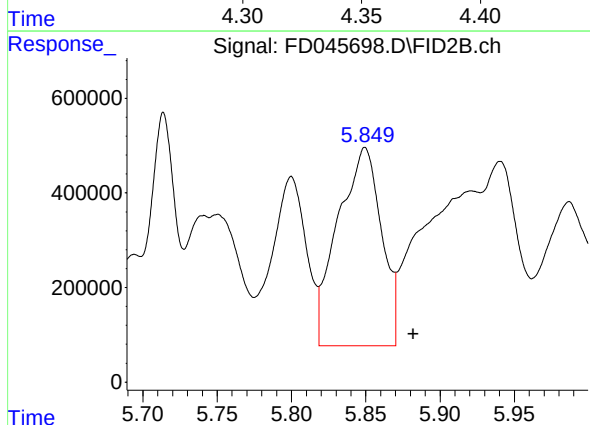




#1 1,2,3-Trimethylbenzene (C10.1)

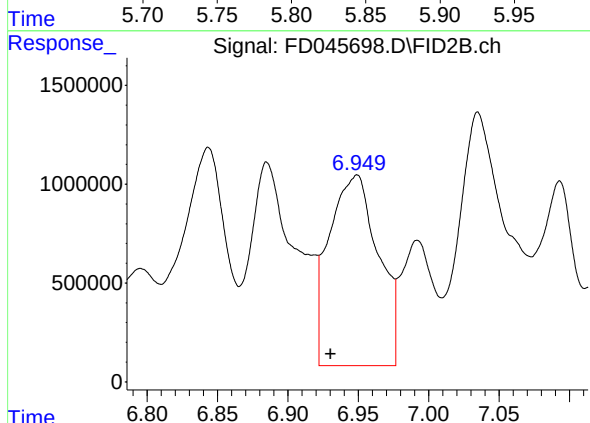
R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 952303
Conc: 5.10 ug/ml

Instrument :
FID_D
ClientSampleId :



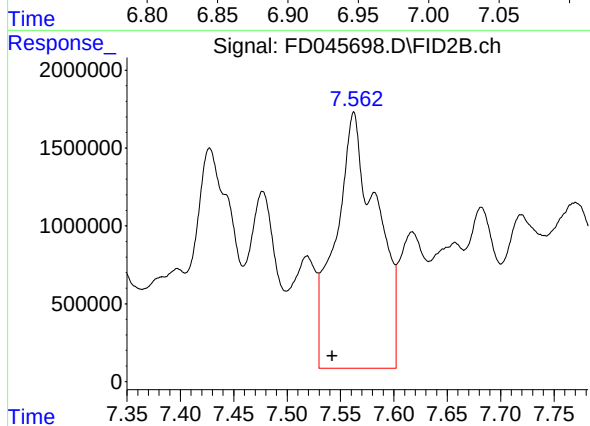
#2 Naphthalene (C11.7)

R.T.: 5.849 min
Delta R.T.: -0.032 min
Response: 8559270
Conc: 43.51 ug/ml



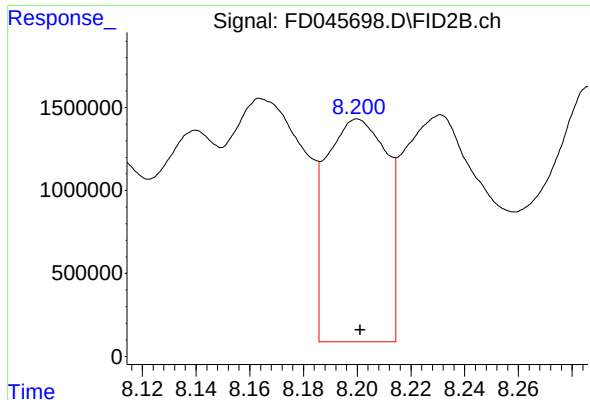
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: 0.018 min
Response: 23390500
Conc: 118.41 ug/ml



#4 2-Bromonaphthalene (SURR)

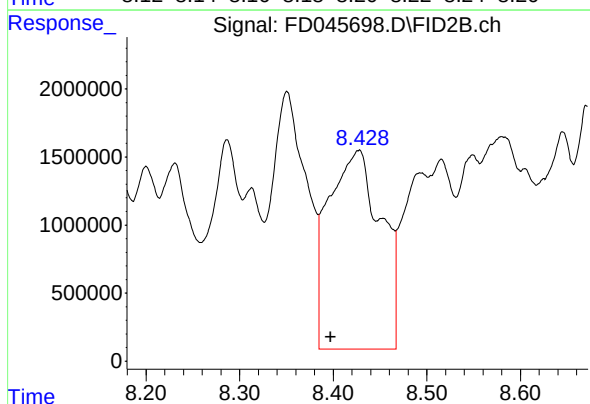
R.T.: 7.562 min
Delta R.T.: 0.020 min
Response: 44083451
Conc: 258.44 ug/ml



#5 Acenaphthylene (C15.06)

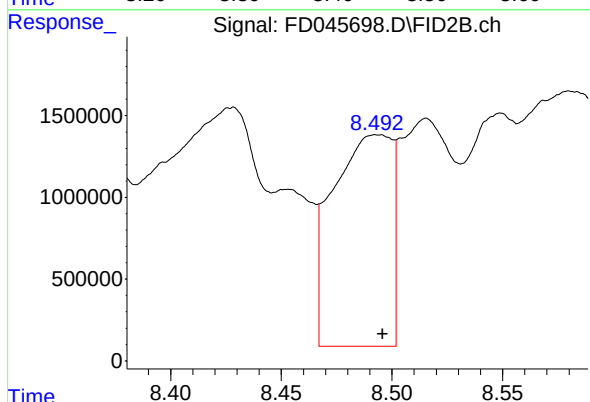
R.T.: 8.200 min
Delta R.T.: 0.000 min
Response: 21022252
Conc: 117.01 ug/ml

Instrument :
FID_D
ClientSampleId :



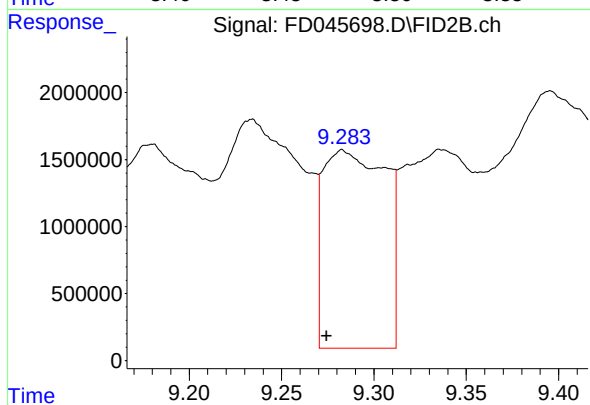
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.427 min
Delta R.T.: 0.030 min
Response: 56479217
Conc: 491.23 ug/ml



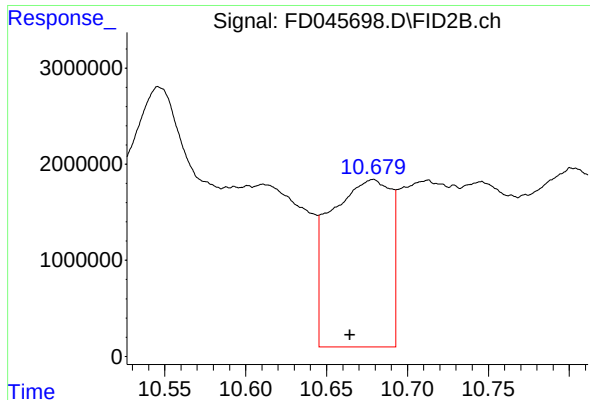
#7 Acenaphthene (C15.5)

R.T.: 8.493 min
Delta R.T.: -0.002 min
Response: 23877938
Conc: 125.48 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.283 min
Delta R.T.: 0.009 min
Response: 34575124
Conc: 183.33 ug/ml



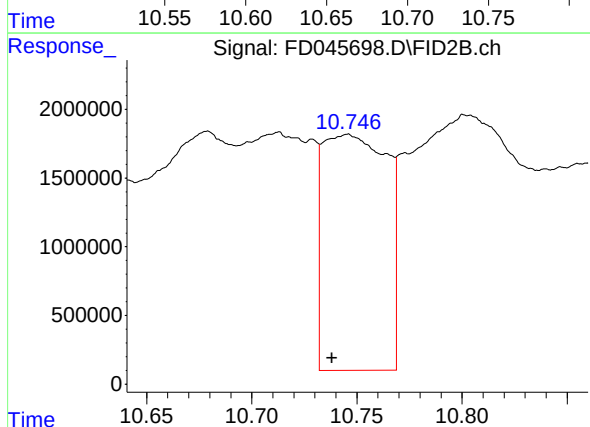
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: 0.014 min
Response: 45187977
Conc: 243.11 ug/ml

Instrument :

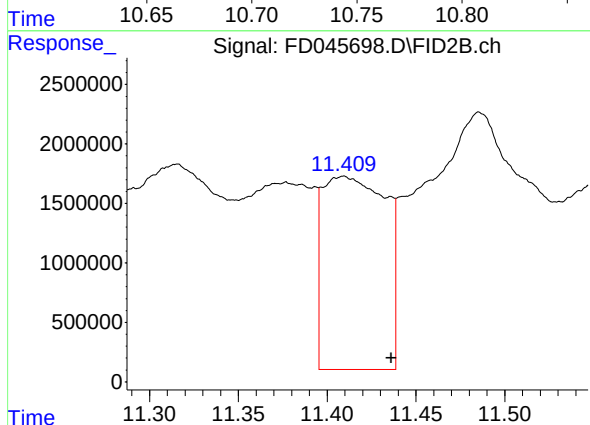
FID_D

ClientSampleId :



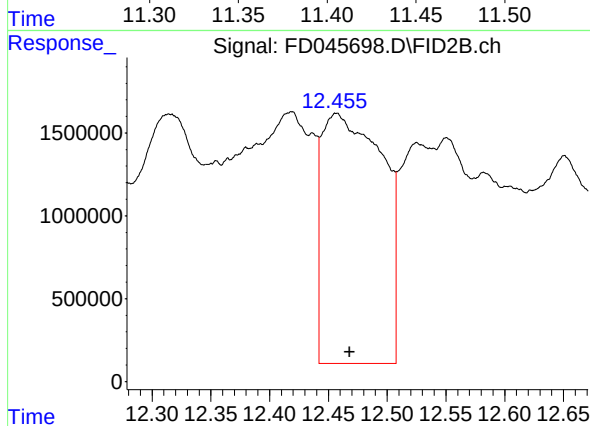
#10 Anthracene (C19.43)

R.T.: 10.745 min
Delta R.T.: 0.007 min
Response: 36207812
Conc: 202.54 ug/ml



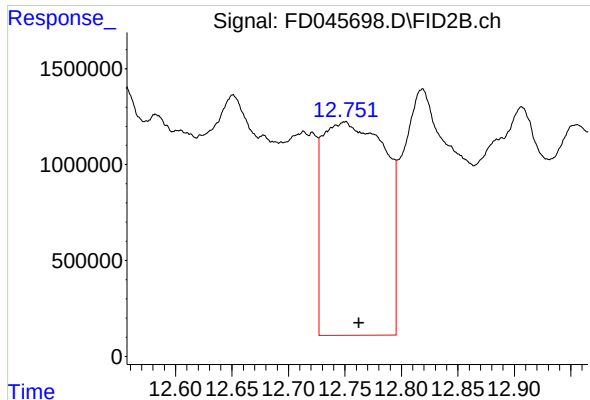
#11 ortho-Terphenyl (SURR)

R.T.: 11.409 min
Delta R.T.: -0.027 min
Response: 40059101
Conc: 189.74 ug/ml



#12 Fluoranthene (C21.85)

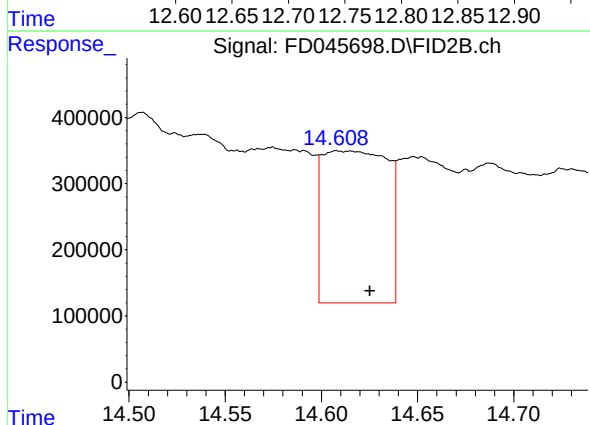
R.T.: 12.457 min
Delta R.T.: -0.011 min
Response: 53775657
Conc: 298.10 ug/ml



#13 Pyrene (C20.8)

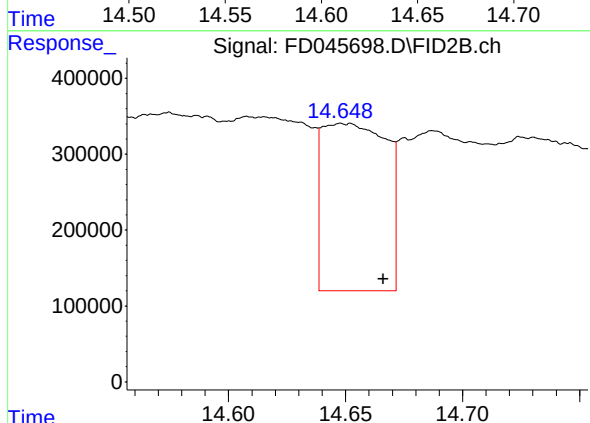
R.T.: 12.750 min
Delta R.T.: -0.013 min
Response: 42708015
Conc: 243.68 ug/ml

Instrument :
FID_D
ClientSampleId :



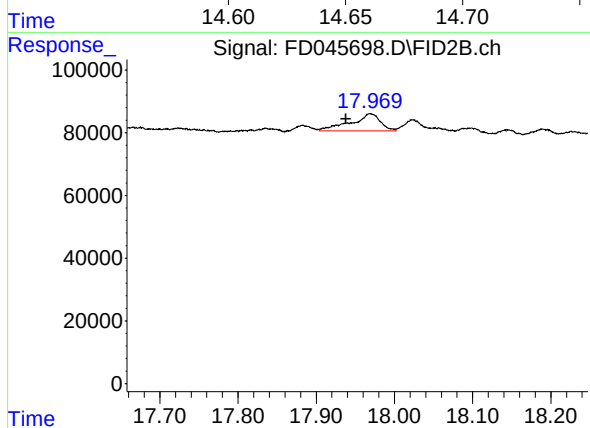
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.611 min
Delta R.T.: -0.015 min
Response: 5400328
Conc: 33.93 ug/ml



#15 Chrysene (C27.41)

R.T.: 14.649 min
Delta R.T.: -0.017 min
Response: 4193869
Conc: 25.83 ug/ml



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

R.T.: 17.969 min
Delta R.T.: 0.031 min
Response: 146441
Conc: 1.14 ug/ml