

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110824AR\
 Data File : FD048682.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 21:46
 Operator : YP/AJ
 Sample : P4721-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 09 01:08:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.373	15332890	101.021 ug/ml
Spiked Amount 50.000		Recovery =	202.04%
6) S 2-Fluorobiphenyl (SURR)	8.224	9512473	96.876 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	193.75%#
11) S ortho-Terphenyl (SURR)	11.257	8170480	47.966 ug/ml
Spiked Amount 50.000		Recovery =	95.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.221	32627	0.188 ug/ml
2) T Naphthalene (C11.7)	5.683	1626546	9.116 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	4786762	26.762 ug/ml
5) T Acenaphthylene (C15.06)	8.011	11102633	63.230 ug/ml
7) T Acenaphthene (C15.5)	8.318	1707717	9.628 ug/ml
8) T Fluorene (C16.55)	9.095	3011201	17.814 ug/ml
9) T Phenanthrene (C19.36)	10.482	2745378	16.608 ug/ml
10) T Anthracene (C19.43)	10.580	1868936	11.687 ug/ml
12) T Fluoranthene (C21.85)	12.289	1570578	9.543 ug/ml
13) T Pyrene (C20.8)	12.582	719935	4.469 ug/ml
14) T Benzo[a]anthracene (C...	14.500	55127	0.377 ug/ml
15) T Chrysene (C27.41)	14.500	55127	0.335 ug/ml
16) T benzo[b]fluoranthene ...	15.929f	71904	0.473 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	116272	0.891 ug/ml
20) T Dibenz[a,h]anthracene...	17.807	68197	0.419 ug/ml

(f)=RT Delta > 1/2 Window

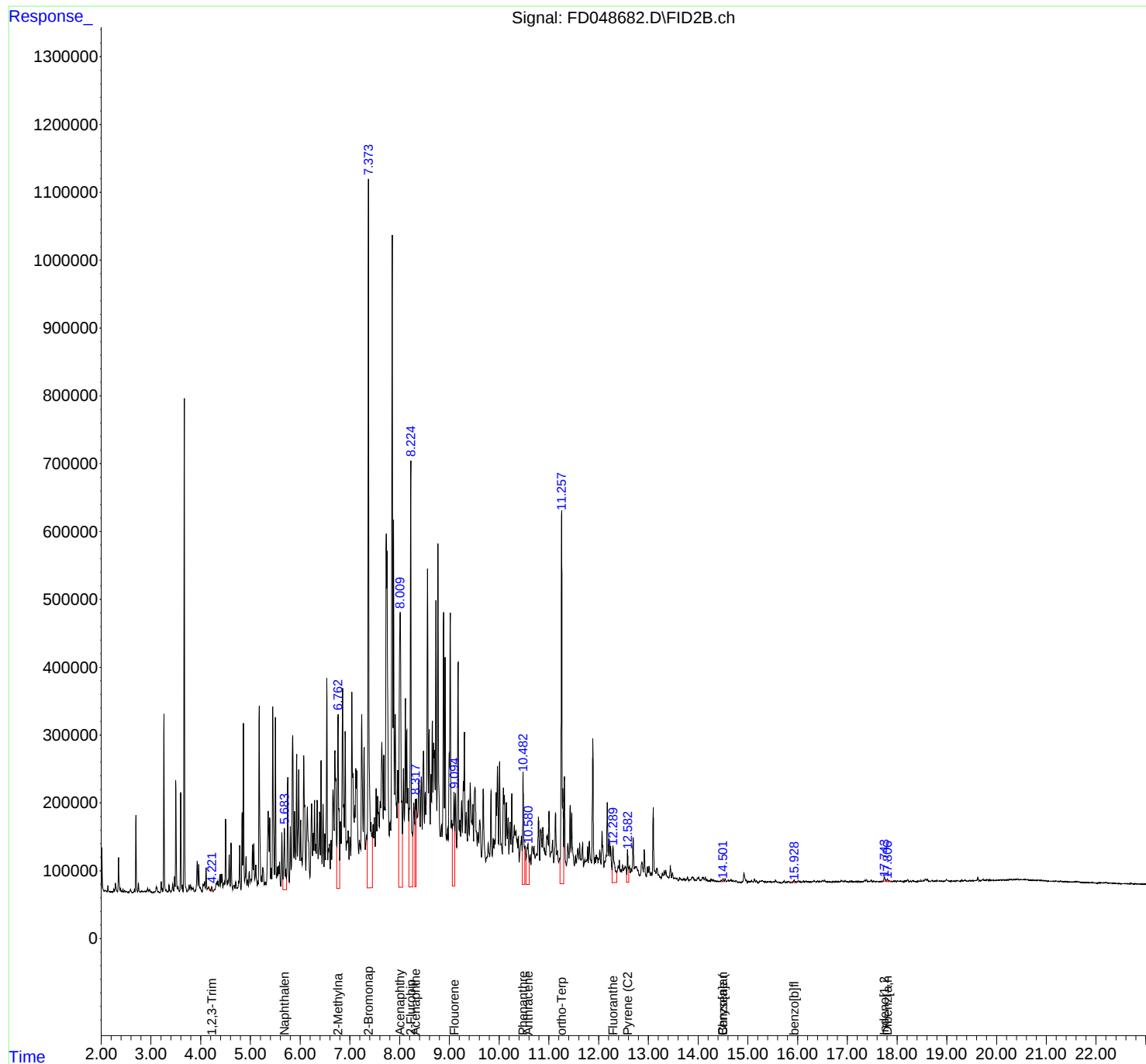
(m)=manual int.

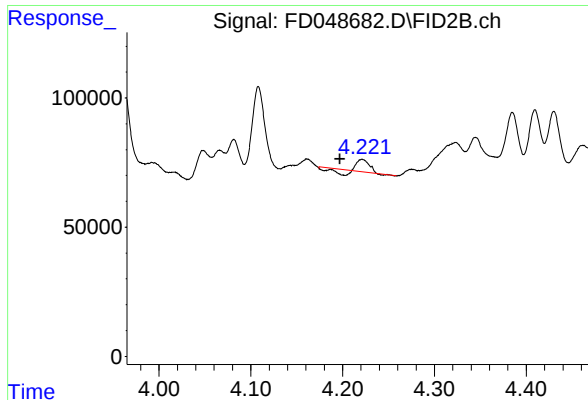
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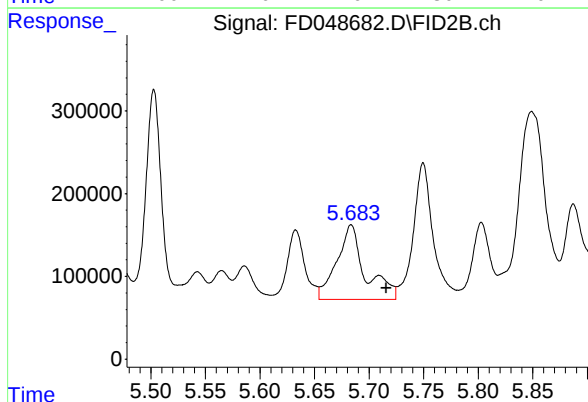




#1 1,2,3-Trimethylbenzene (C10.1)

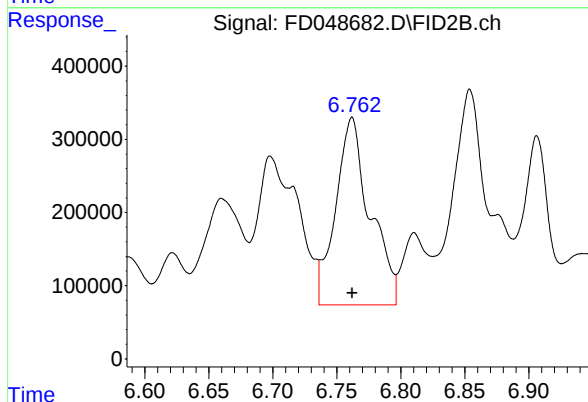
R.T.: 4.221 min
Delta R.T.: 0.024 min
Response: 32627
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



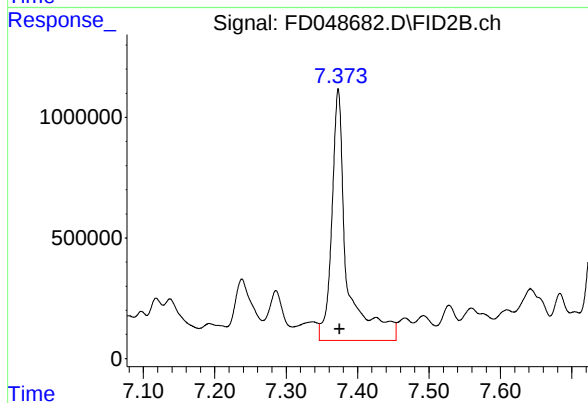
#2 Naphthalene (C11.7)

R.T.: 5.683 min
Delta R.T.: -0.032 min
Response: 1626546
Conc: 9.12 ug/ml



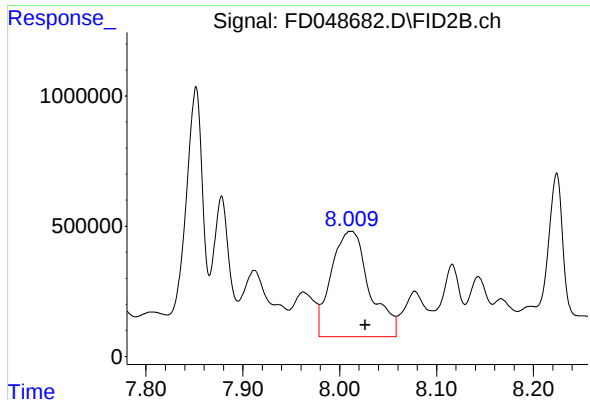
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 4786762
Conc: 26.76 ug/ml



#4 2-Bromonaphthalene (SURR)

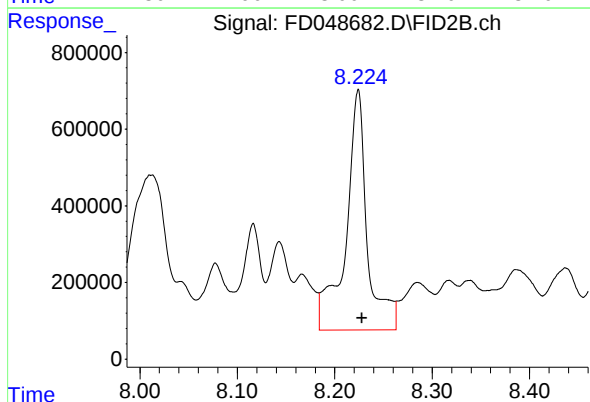
R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 15332890
Conc: 101.02 ug/ml



#5 Acenaphthylene (C15.06)

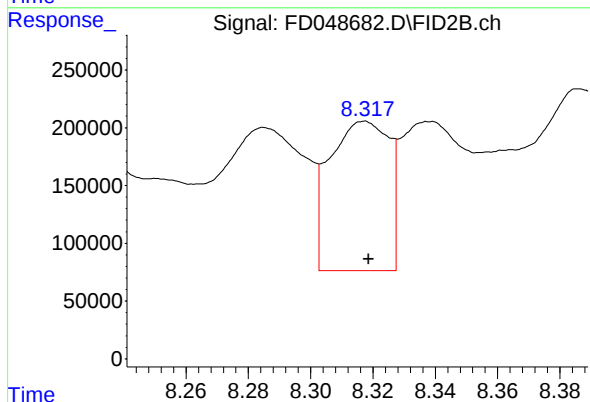
R.T.: 8.011 min
Delta R.T.: -0.015 min
Response: 11102633
Conc: 63.23 ug/ml

Instrument :
FID_D
ClientSampleId :



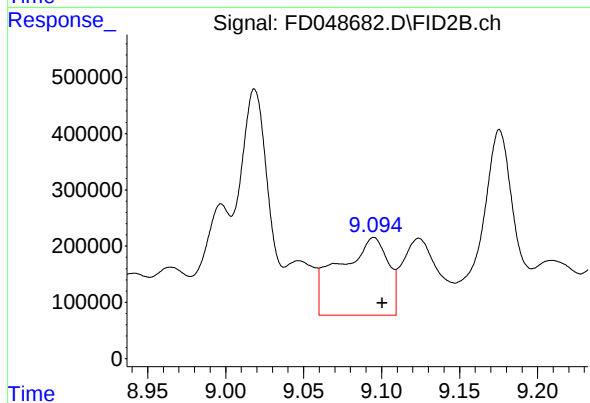
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 9512473
Conc: 96.88 ug/ml



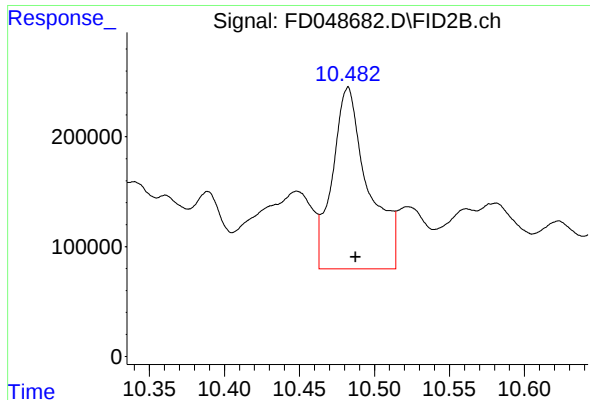
#7 Acenaphthene (C15.5)

R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 1707717
Conc: 9.63 ug/ml



#8 Flouorene (C16.55)

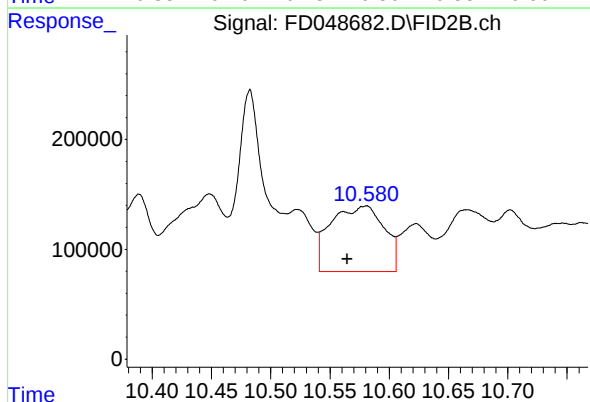
R.T.: 9.095 min
Delta R.T.: -0.006 min
Response: 3011201
Conc: 17.81 ug/ml



#9 Phenanthrene (C19.36)

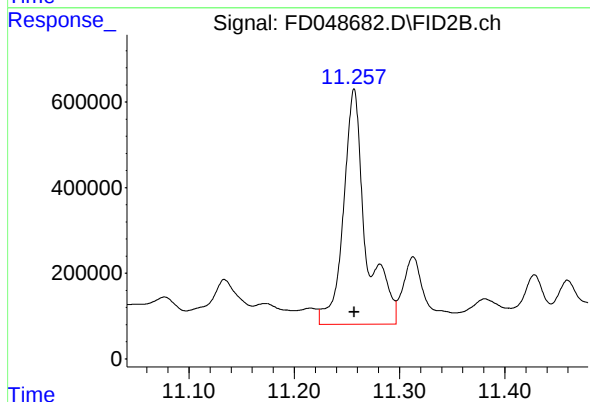
R.T.: 10.482 min
Delta R.T.: -0.005 min
Response: 2745378
Conc: 16.61 ug/ml

Instrument :
FID_D
ClientSampleId :



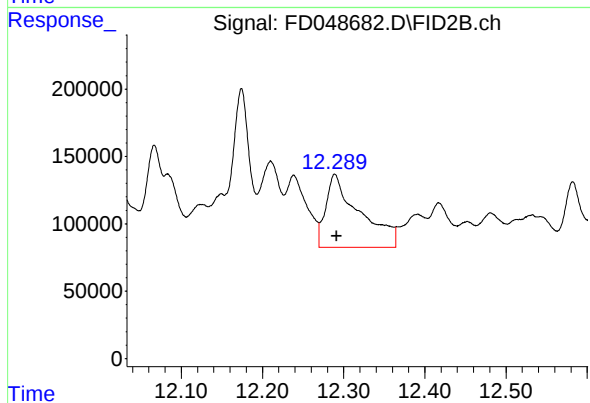
#10 Anthracene (C19.43)

R.T.: 10.580 min
Delta R.T.: 0.015 min
Response: 1868936
Conc: 11.69 ug/ml



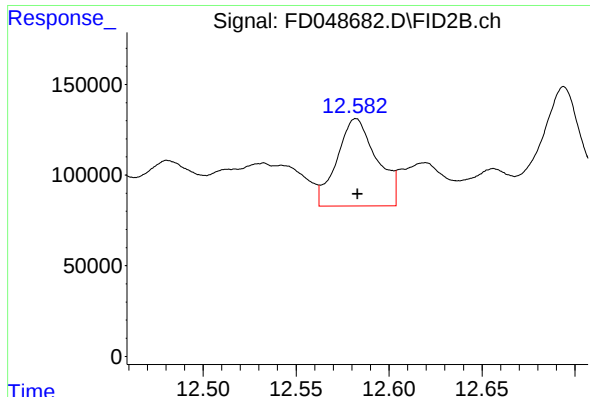
#11 ortho-Terphenyl (SURRE)

R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 8170480
Conc: 47.97 ug/ml



#12 Fluoranthene (C21.85)

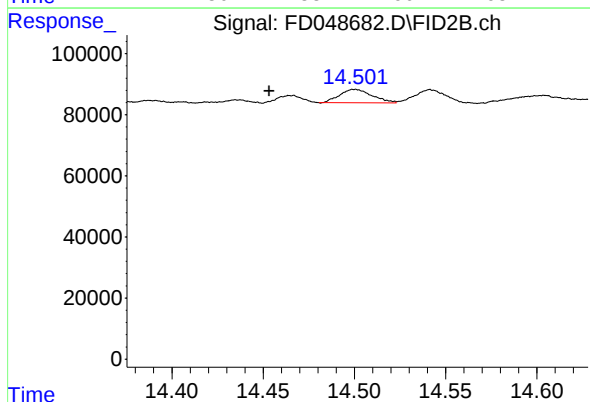
R.T.: 12.289 min
Delta R.T.: -0.002 min
Response: 1570578
Conc: 9.54 ug/ml



#13 Pyrene (C20.8)

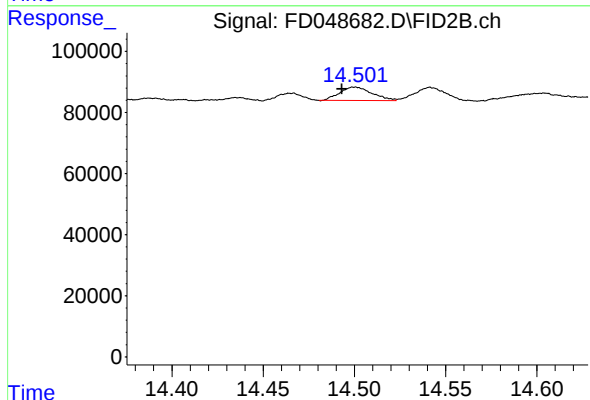
R.T.: 12.582 min
Delta R.T.: -0.001 min
Response: 719935
Conc: 4.47 ug/ml

Instrument :
FID_D
ClientSampleId :



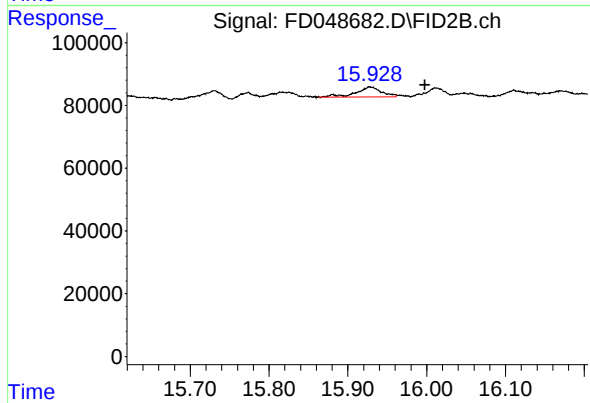
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.500 min
Delta R.T.: 0.047 min
Response: 55127
Conc: 0.38 ug/ml



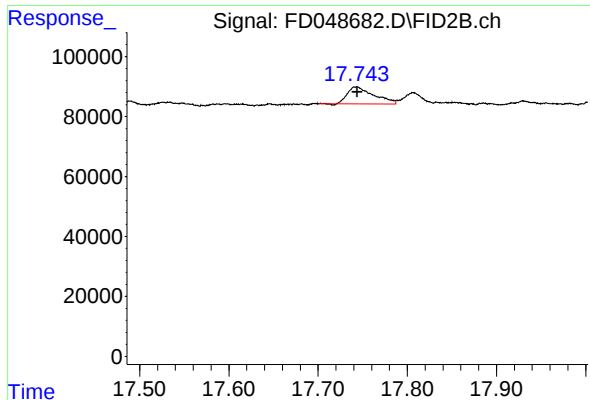
#15 Chrysene (C27.41)

R.T.: 14.500 min
Delta R.T.: 0.007 min
Response: 55127
Conc: 0.34 ug/ml



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

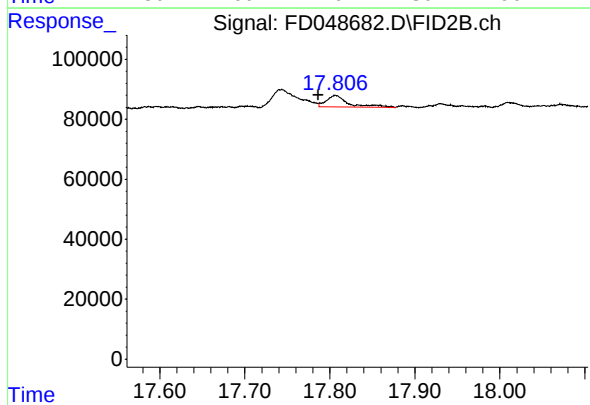
R.T.: 15.929 min
Delta R.T.: -0.069 min
Response: 71904
Conc: 0.47 ug/ml



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

R.T.: 17.743 min
Delta R.T.: 0.000 min
Response: 116272
Conc: 0.89 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.807 min
Delta R.T.: 0.020 min
Response: 68197
Conc: 0.42 ug/ml