

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022324AR\
 Data File : FD047300.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2024 11:11
 Operator : YP/AJ
 Sample : P1464-01DL 5X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 24 02:22:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.464	2142789	14.075 ug/ml
Spiked Amount 50.000		Recovery =	28.15%
6) S 2-Fluorobiphenyl (SURR)	8.317	1448263	14.328 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	28.66%
11) S ortho-Terphenyl (SURR)	11.353	1998824	11.333 ug/ml
Spiked Amount 50.000		Recovery =	22.67%
Target Compounds			
2) T Naphthalene (C11.7)	5.806	130686	0.786 ug/ml
3) T 2-Methylnaphthalene (...)	6.853	529496	3.140 ug/ml
5) T Acenaphthylene (C15.06)	8.099	927953	6.029 ug/ml
7) T Acenaphthene (C15.5)	8.415	218025	1.323 ug/ml
8) T Flouorene (C16.55)	9.193	244114	1.540 ug/ml
9) T Phenanthrene (C19.36)	10.581	245029	1.577 ug/ml
10) T Anthracene (C19.43)	10.660	103576	0.702 ug/ml
12) T Fluoranthene (C21.85)	12.384	347101	2.242 ug/ml
13) T Pyrene (C20.8)	12.678	270367	1.797 ug/ml
14) T Benzo[a]anthracene (C...	14.543	135914	1.011 ug/ml
15) T Chrysene (C27.41)	14.583	163223	1.115 ug/ml
16) T benzo[b]fluoranthene ...	16.087	196300	1.426 ug/ml
17) T Bnezo[k]fluoranthene ...	16.116	77896	0.561 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	127832	1.013 ug/ml
20) T Dibenz[a,h]anthracene...	17.865	74712	0.561 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	108611	0.819 ug/ml

(f)=RT Delta > 1/2 Window

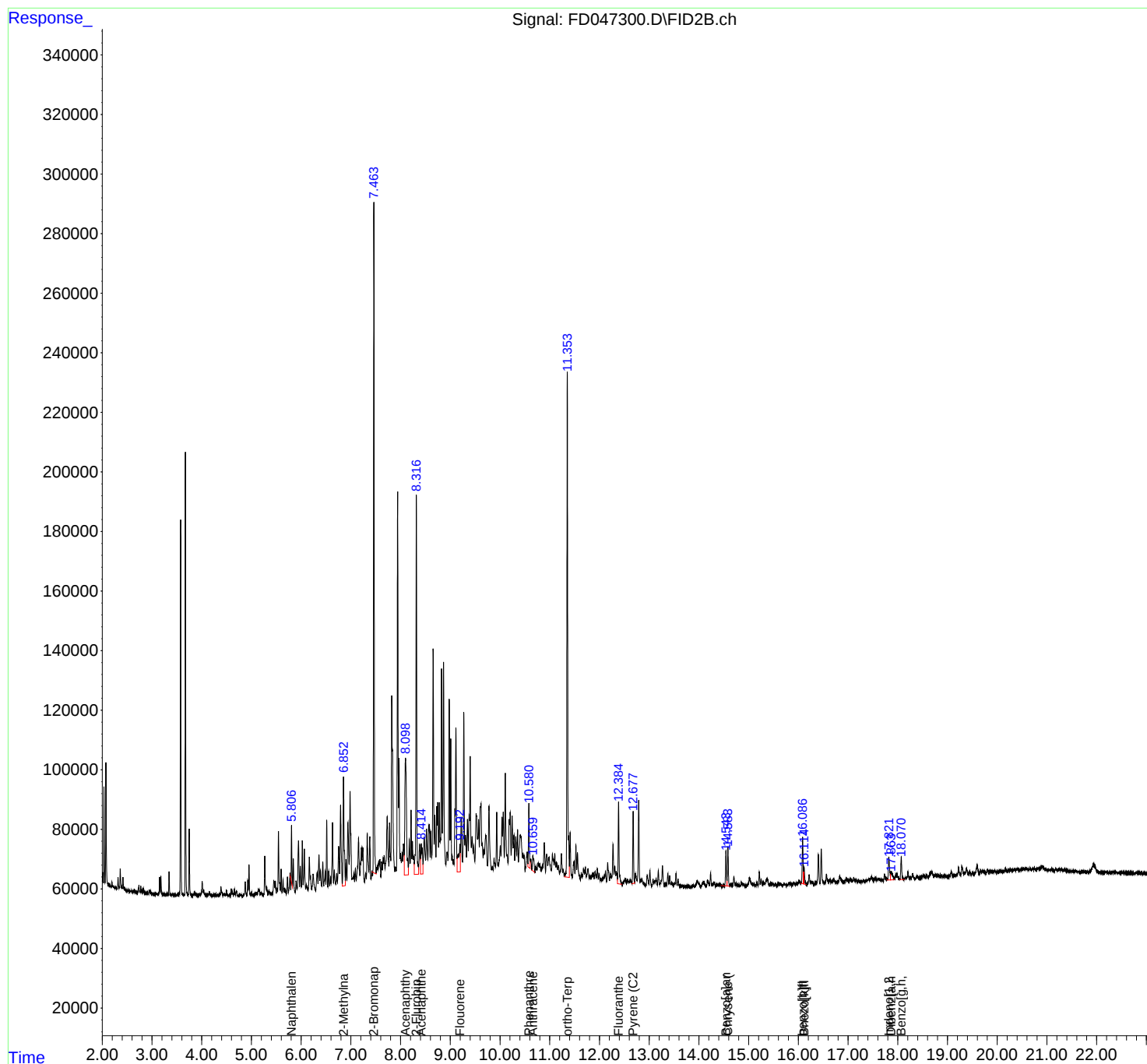
(m)=manual int.

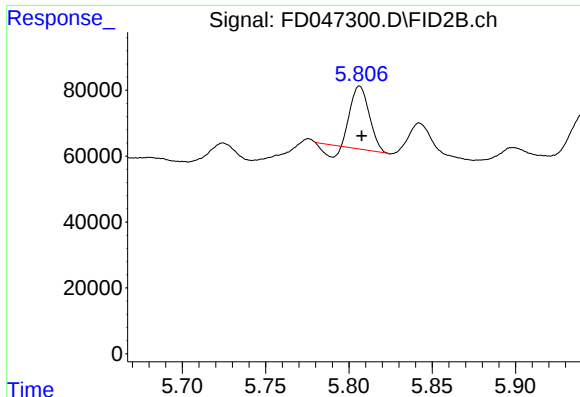
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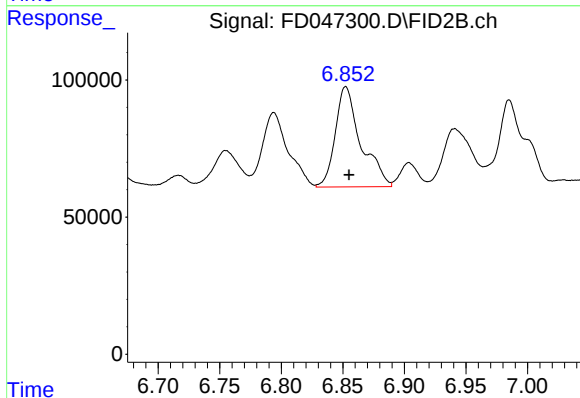




#2 Naphthalene (C11.7)

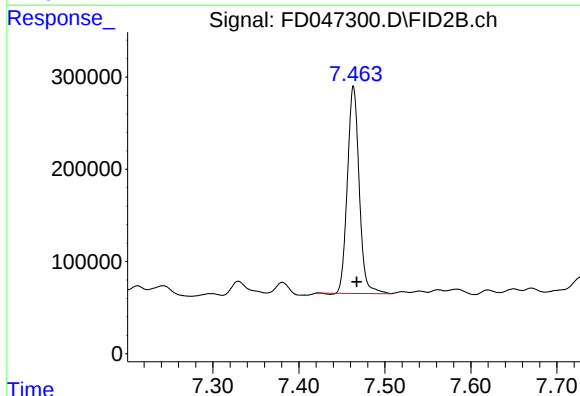
R.T.: 5.806 min
Delta R.T.: -0.001 min
Response: 130686
Conc: 0.79 ug/ml

Instrument :
FID_D
ClientSampleId :



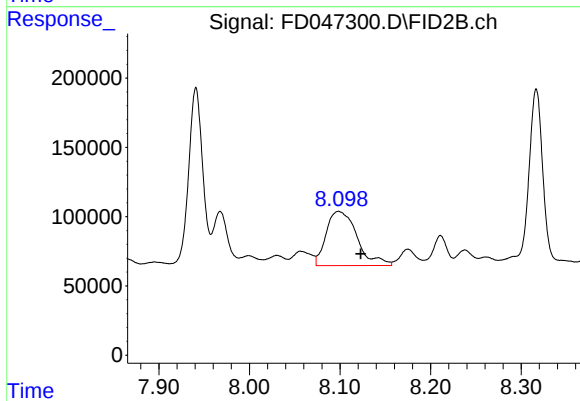
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 529496
Conc: 3.14 ug/ml



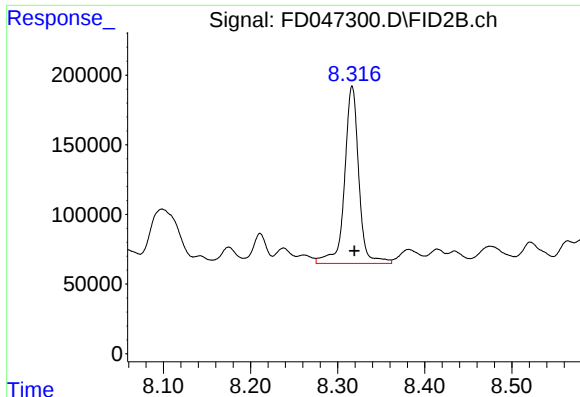
#4 2-Bromonaphthalene (SURR)

R.T.: 7.464 min
Delta R.T.: -0.004 min
Response: 2142789
Conc: 14.07 ug/ml



#5 Acenaphthylene (C15.06)

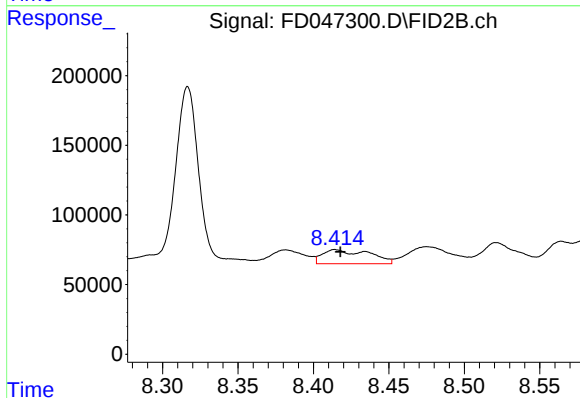
R.T.: 8.099 min
Delta R.T.: -0.024 min
Response: 927953
Conc: 6.03 ug/ml



#6 2-Fluorobiphenyl (SURR)

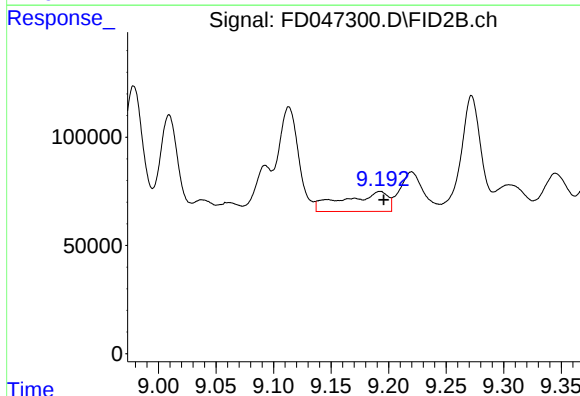
R.T.: 8.317 min
Delta R.T.: -0.003 min
Response: 1448263
Conc: 14.33 ug/ml

Instrument :
FID_D
ClientSampleId :



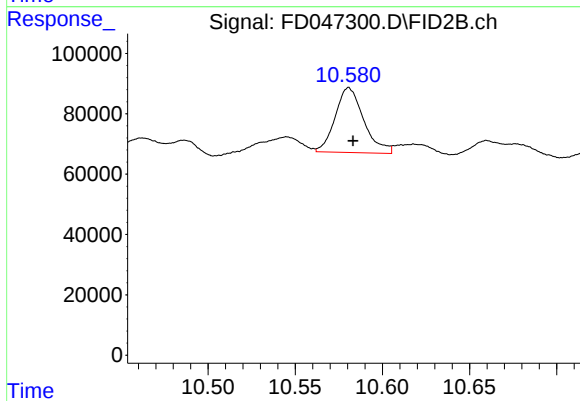
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: -0.003 min
Response: 218025
Conc: 1.32 ug/ml



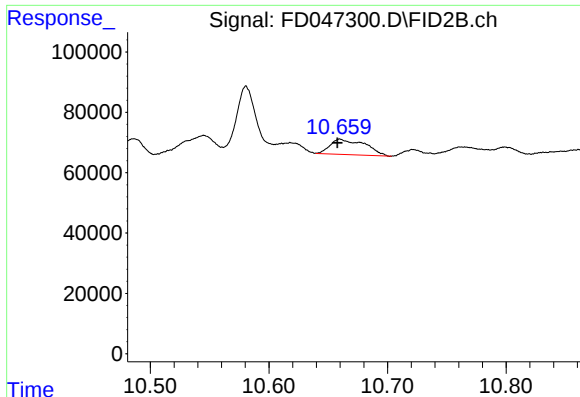
#8 Flouorene (C16.55)

R.T.: 9.193 min
Delta R.T.: -0.003 min
Response: 244114
Conc: 1.54 ug/ml



#9 Phenanthrene (C19.36)

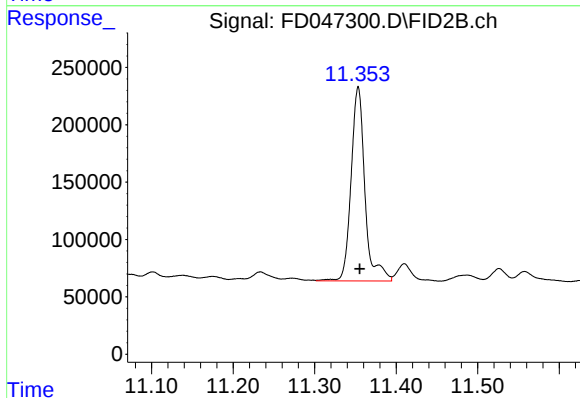
R.T.: 10.581 min
Delta R.T.: -0.002 min
Response: 245029
Conc: 1.58 ug/ml



#10 Anthracene (C19.43)

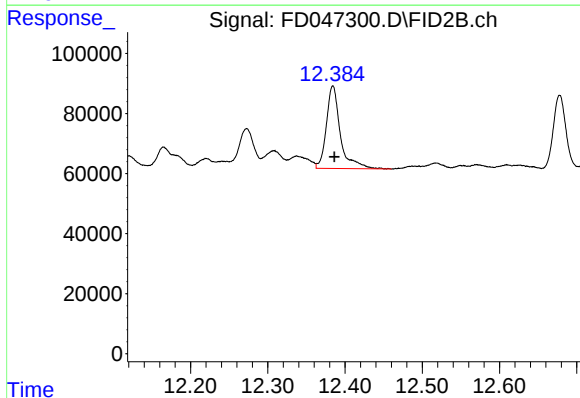
R.T.: 10.660 min
Delta R.T.: 0.003 min
Response: 103576
Conc: 0.70 ug/ml

Instrument :
FID_D
ClientSampleId :



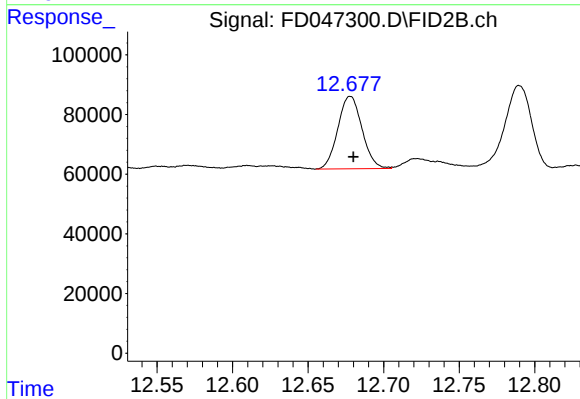
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: -0.002 min
Response: 1998824
Conc: 11.33 ug/ml



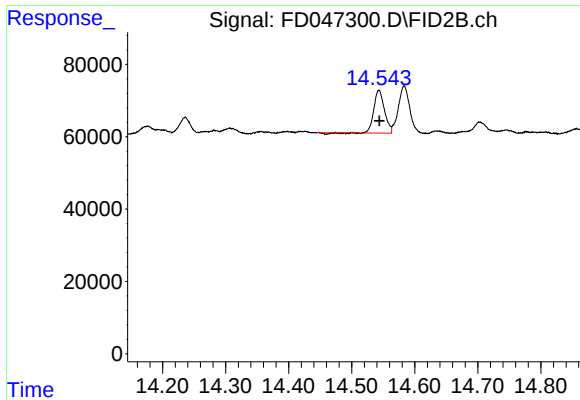
#12 Fluoranthene (C21.85)

R.T.: 12.384 min
Delta R.T.: -0.002 min
Response: 347101
Conc: 2.24 ug/ml



#13 Pyrene (C20.8)

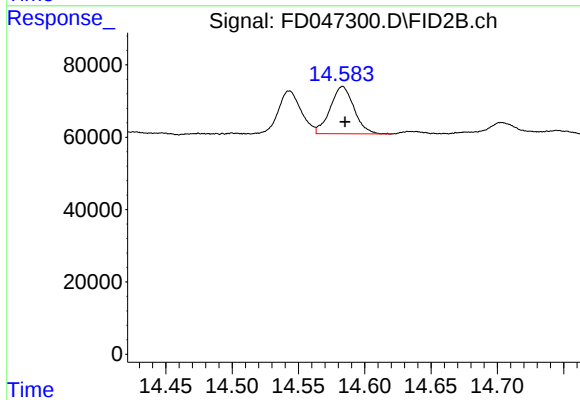
R.T.: 12.678 min
Delta R.T.: -0.002 min
Response: 270367
Conc: 1.80 ug/ml



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

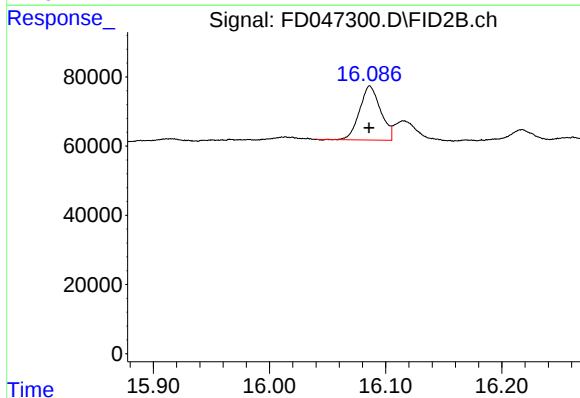
R.T.: 14.543 min
Delta R.T.: 0.000 min
Response: 135914
Conc: 1.01 ug/ml

Instrument :
FID_D
ClientSampleId :



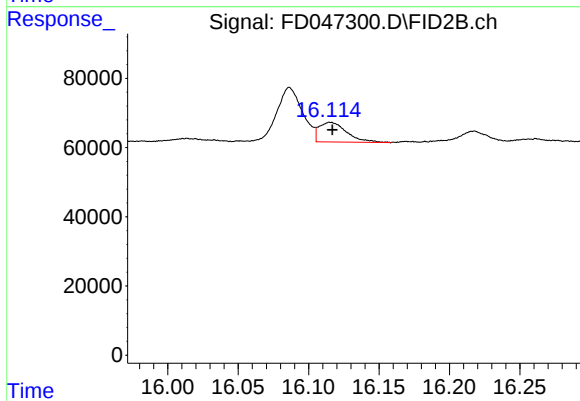
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: -0.002 min
Response: 163223
Conc: 1.11 ug/ml



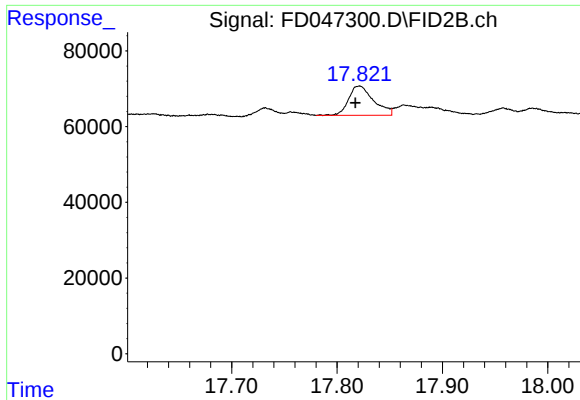
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.001 min
Response: 196300
Conc: 1.43 ug/ml



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

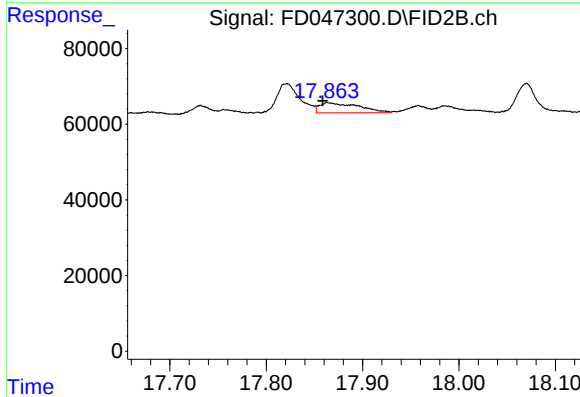
R.T.: 16.116 min
Delta R.T.: -0.001 min
Response: 77896
Conc: 0.56 ug/ml



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

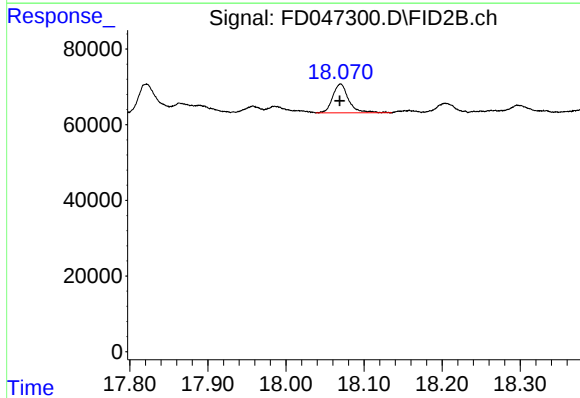
R.T.: 17.821 min
Delta R.T.: 0.004 min
Response: 127832
Conc: 1.01 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.865 min
Delta R.T.: 0.006 min
Response: 74712
Conc: 0.56 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.001 min
Response: 108611
Conc: 0.82 ug/ml