

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073124AR\
 Data File : FD048096.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 15:05
 Operator : YP/AJ
 Sample : P3394-02
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 01 04:49:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.406	6762952	45.503 ug/ml
Spiked Amount 50.000		Recovery =	91.01%
6) S 2-Fluorobiphenyl (SURR)	8.256	3748624	39.609 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.22%
11) S ortho-Terphenyl (SURR)	11.297	7964208	47.599 ug/ml
Spiked Amount 50.000		Recovery =	95.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.227	35615	0.213 ug/ml
2) T Naphthalene (C11.7)	5.749	63211	0.366 ug/ml
3) T 2-Methylnaphthalene (...)	6.805	30684	0.177 ug/ml
7) T Acenaphthene (C15.5)	8.317	81240	0.468 ug/ml
8) T Flouorene (C16.55)	9.151	37347	0.230 ug/ml
12) T Fluoranthene (C21.85)	12.329	63936	0.404 ug/ml
13) T Pyrene (C20.8)	12.621	45497	0.288 ug/ml
14) T Benzo[a]anthracene (C...	14.536	39373	0.288 ug/ml
15) T Chrysene (C27.41)	14.536	39373	0.244 ug/ml
16) T benzo[b]fluoranthene ...	16.046	112030	0.778 ug/ml
17) T Bnezo[k]fluoranthene ...	16.078	44401	0.297 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.464	19173	0.135 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.782	535072	4.744 ug/ml
20) T Dibenz[a,h]anthracene...	17.852	129751	0.893 ug/ml
21) T Benzo[g,h,i]perylene ...	18.030	49516	0.336 ug/ml

(f)=RT Delta > 1/2 Window

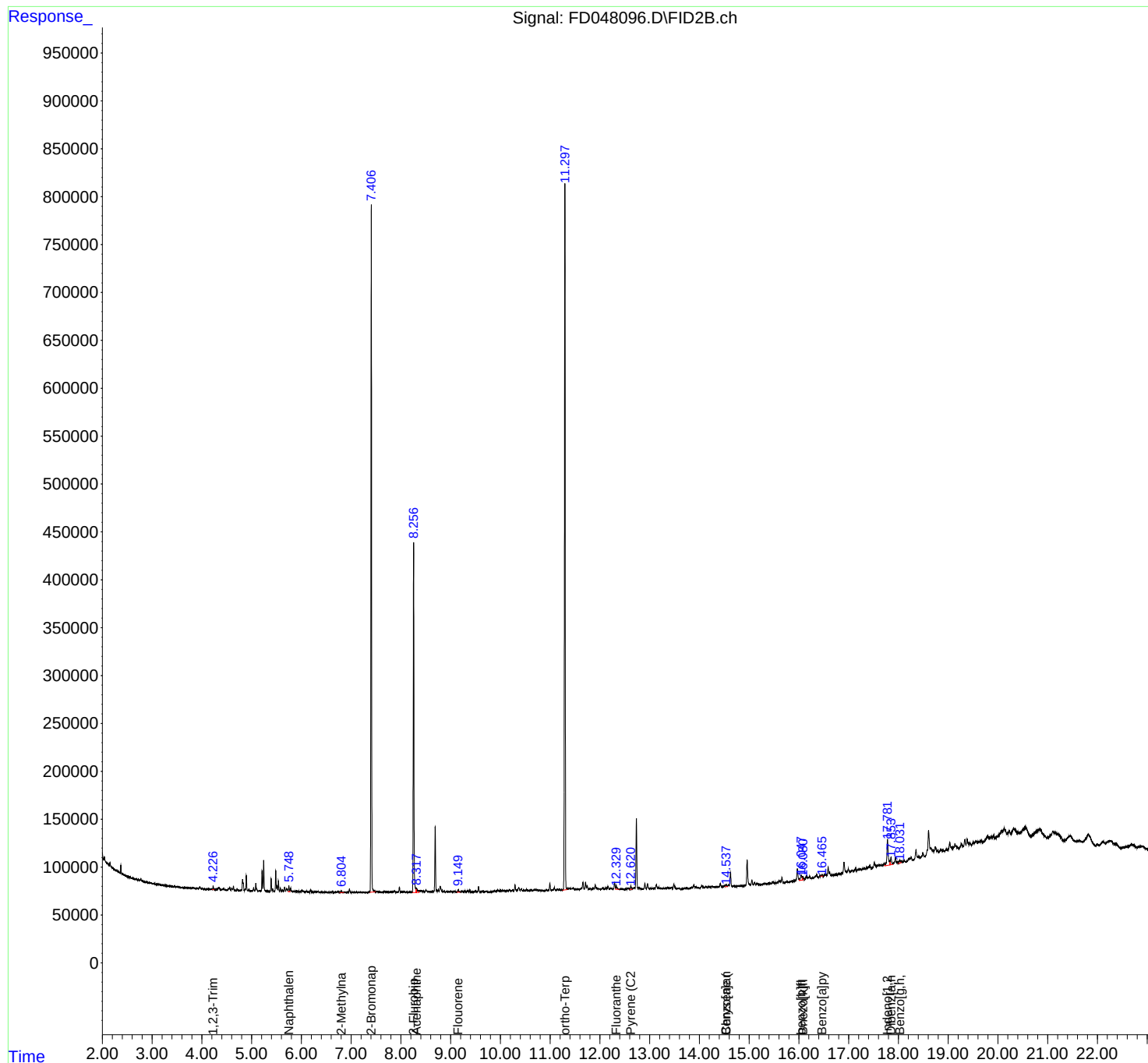
(m)=manual int.

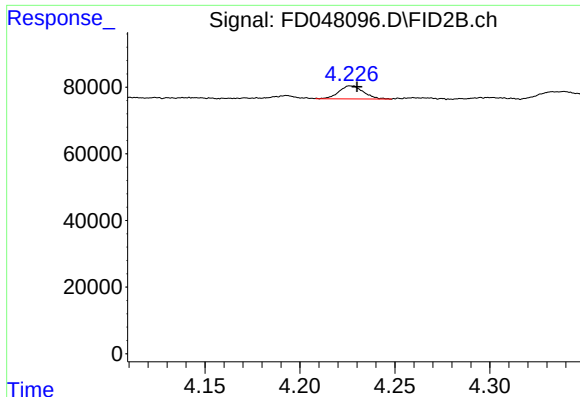
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Signal Info : 20M x 0.18mm x 0.18µm

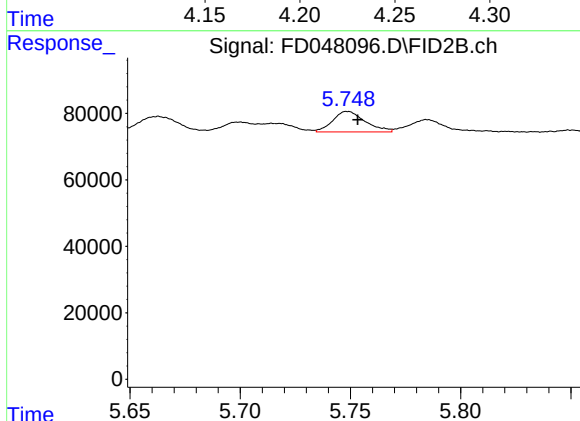




#1 1,2,3-Trimethylbenzene (C10.1)

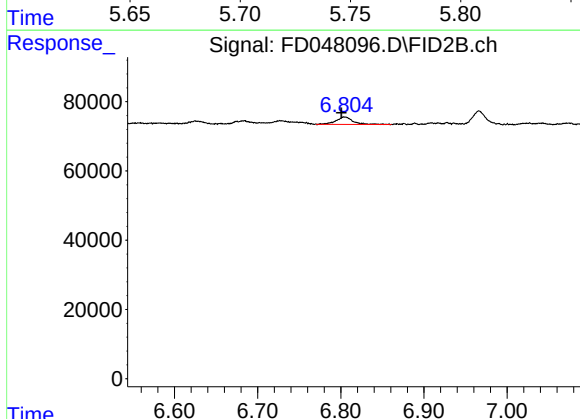
R.T.: 4.227 min
Delta R.T.: -0.003 min
Response: 35615
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



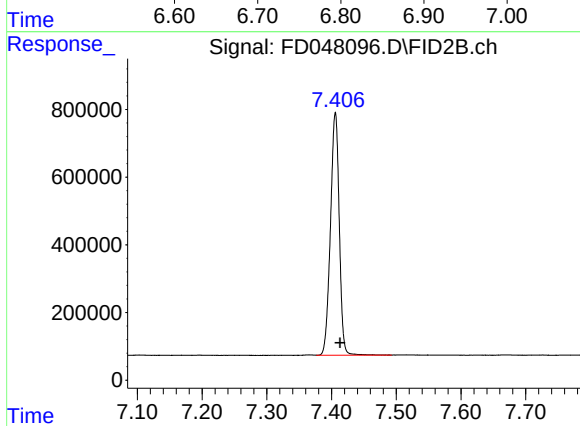
#2 Naphthalene (C11.7)

R.T.: 5.749 min
Delta R.T.: -0.004 min
Response: 63211
Conc: 0.37 ug/ml



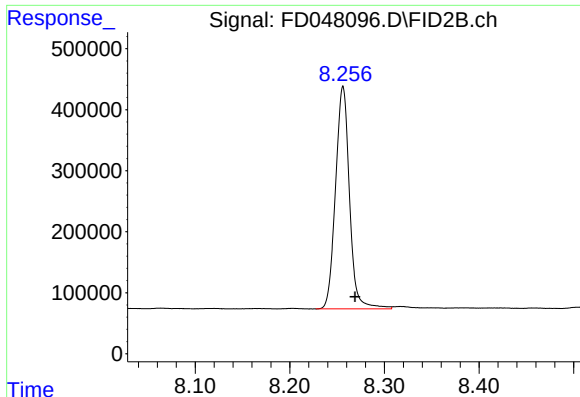
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 30684
Conc: 0.18 ug/ml



#4 2-Bromonaphthalene (SURR)

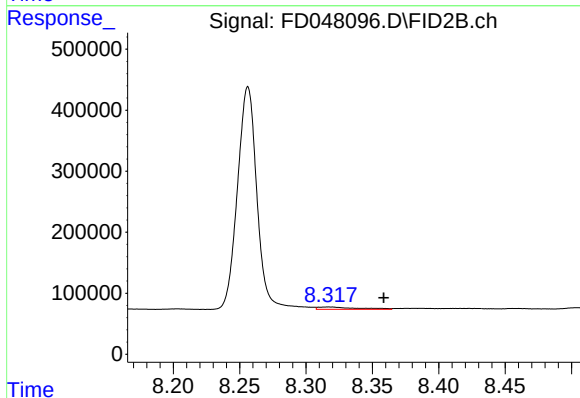
R.T.: 7.406 min
Delta R.T.: -0.008 min
Response: 6762952
Conc: 45.50 ug/ml



#6 2-Fluorobiphenyl (SURR)

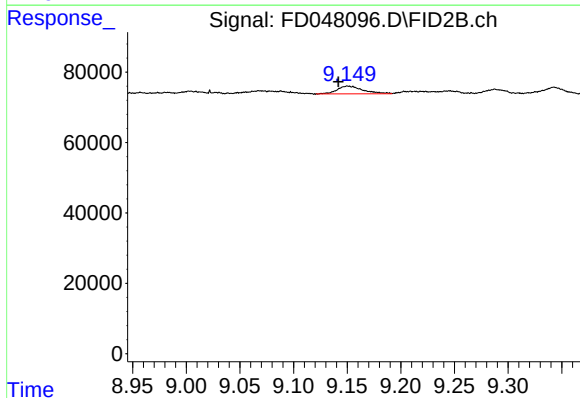
R.T.: 8.256 min
Delta R.T.: -0.013 min
Response: 3748624
Conc: 39.61 ug/ml

Instrument :
FID_D
ClientSampleId :



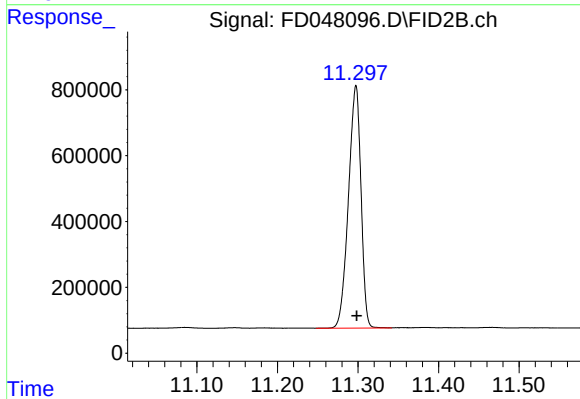
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: -0.042 min
Response: 81240
Conc: 0.47 ug/ml



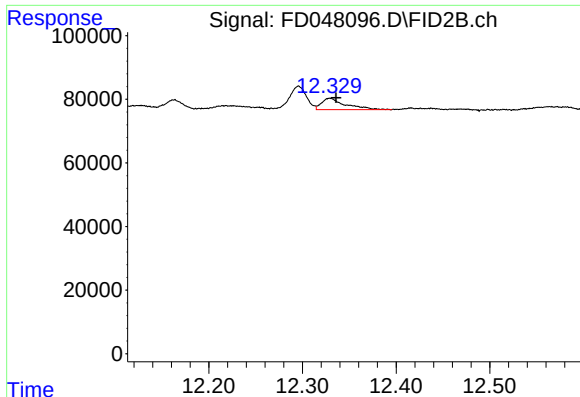
#8 Flouorene (C16.55)

R.T.: 9.151 min
Delta R.T.: 0.009 min
Response: 37347
Conc: 0.23 ug/ml



#11 ortho-Terphenyl (SURR)

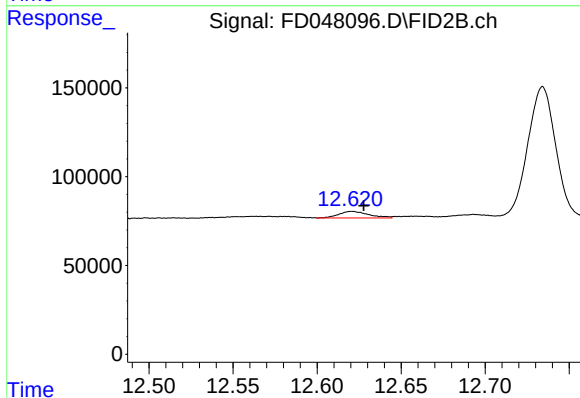
R.T.: 11.297 min
Delta R.T.: -0.001 min
Response: 7964208
Conc: 47.60 ug/ml



#12 Fluoranthene (C21.85)

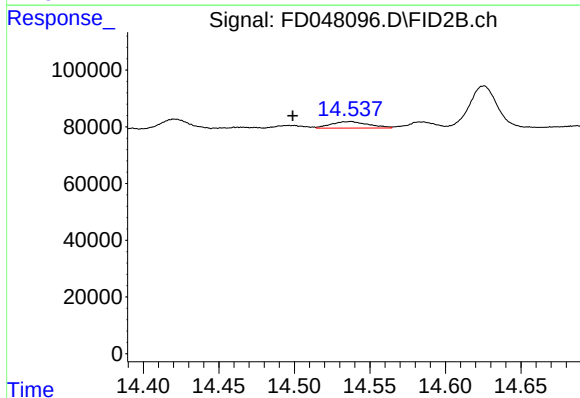
R.T.: 12.329 min
Delta R.T.: -0.007 min
Response: 63936
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



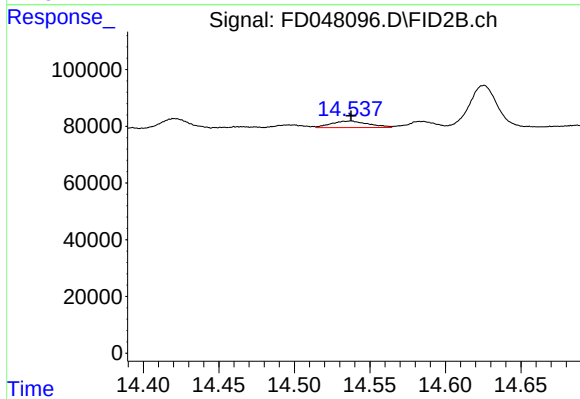
#13 Pyrene (C20.8)

R.T.: 12.621 min
Delta R.T.: -0.006 min
Response: 45497
Conc: 0.29 ug/ml



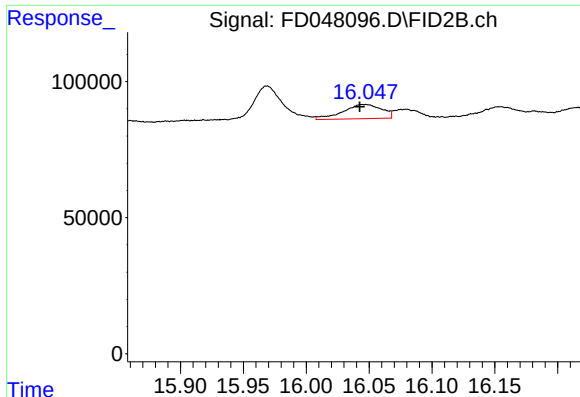
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.536 min
Delta R.T.: 0.037 min
Response: 39373
Conc: 0.29 ug/ml



#15 Chrysene (C27.41)

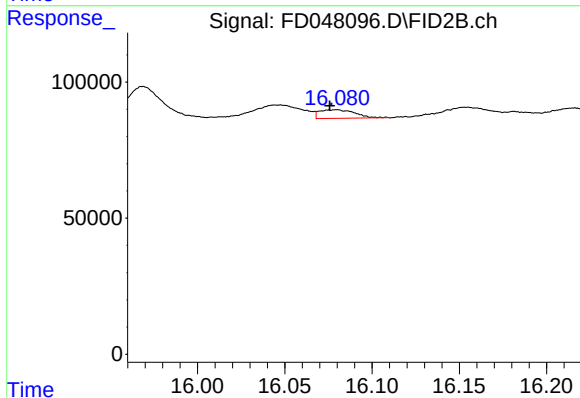
R.T.: 14.536 min
Delta R.T.: -0.001 min
Response: 39373
Conc: 0.24 ug/ml



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

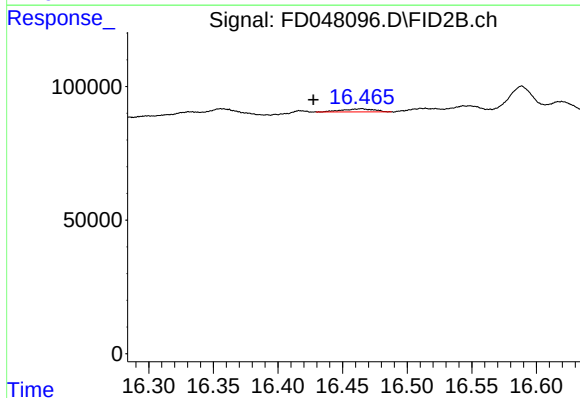
R.T.: 16.046 min
Delta R.T.: 0.004 min
Response: 112030
Conc: 0.78 ug/ml

Instrument :
FID_D
ClientSampleId :



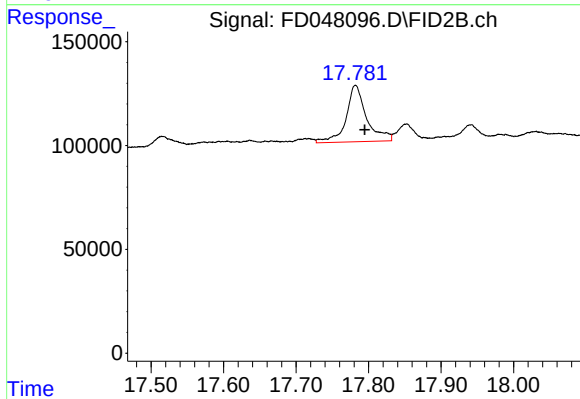
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.078 min
Delta R.T.: 0.003 min
Response: 44401
Conc: 0.30 ug/ml



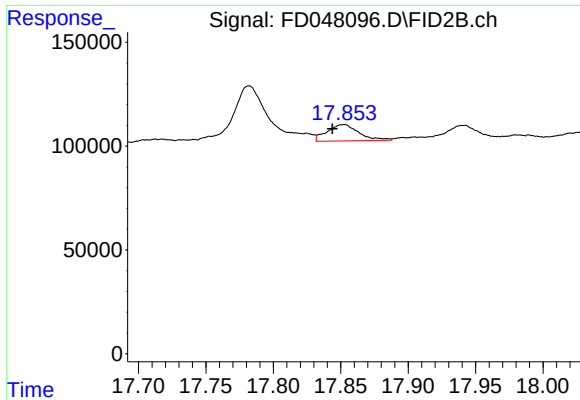
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.464 min
Delta R.T.: 0.037 min
Response: 19173
Conc: 0.14 ug/ml



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

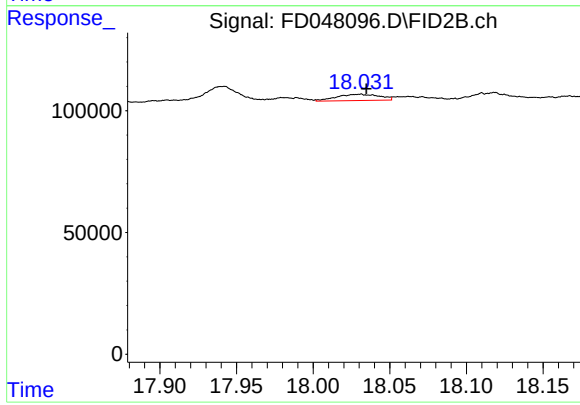
R.T.: 17.782 min
Delta R.T.: -0.013 min
Response: 535072
Conc: 4.74 ug/ml



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

R.T.: 17.852 min
Delta R.T.: 0.008 min
Response: 129751
Conc: 0.89 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.030 min
Delta R.T.: -0.005 min
Response: 49516
Conc: 0.34 ug/ml