

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073024AR\
 Data File : FD048074.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jul 2024 19:14
 Operator : YP/AJ
 Sample : P3394-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 31 04:53:48 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	4169259	28.052 ug/ml
Spiked Amount 50.000		Recovery =	56.10%
6) S 2-Fluorobiphenyl (SURR)	8.257	1850268	19.551 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.10%
11) S ortho-Terphenyl (SURR)	11.297	6591608	39.395 ug/ml
Spiked Amount 50.000		Recovery =	78.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.228	16919	0.101 ug/ml
2) T Naphthalene (C11.7)	5.752	40087	0.232 ug/ml
3) T 2-Methylnaphthalene (...)	6.807	43523	0.251 ug/ml
5) T Acenaphthylene (C15.06)	8.031	34705	0.203 ug/ml
7) T Acenaphthene (C15.5)	8.318	77747	0.448 ug/ml
8) T Flouorene (C16.55)	9.154	52548	0.324 ug/ml
12) T Fluoranthene (C21.85)	12.331	65570	0.414 ug/ml
13) T Pyrene (C20.8)	12.623	40591	0.257 ug/ml
14) T Benzo[a]anthracene (C...	14.499	22267	0.163 ug/ml
15) T Chrysene (C27.41)	14.536	50289	0.312 ug/ml
16) T benzo[b]fluoranthene ...	16.048	165734	1.151 ug/ml
17) T Bnezo[k]fluoranthene ...	16.048	165734	1.110 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.784	703633	6.239 ug/ml
20) T Dibenz[a,h]anthracene...	17.854	115020	0.791 ug/ml
21) T Benzo[g,h,i]perylene ...	18.033	35233	0.239 ug/ml

(f)=RT Delta > 1/2 Window

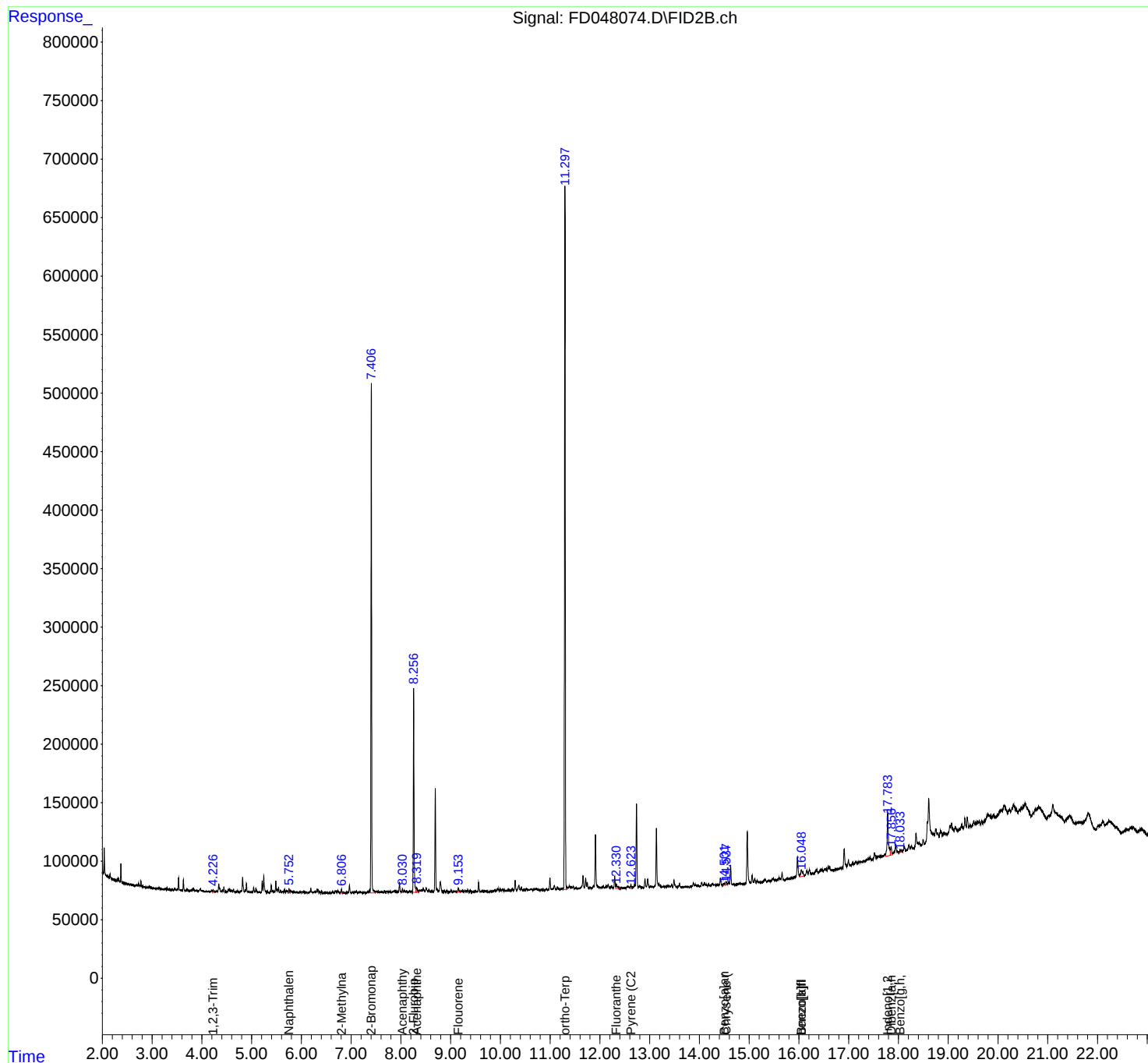
(m)=manual int.

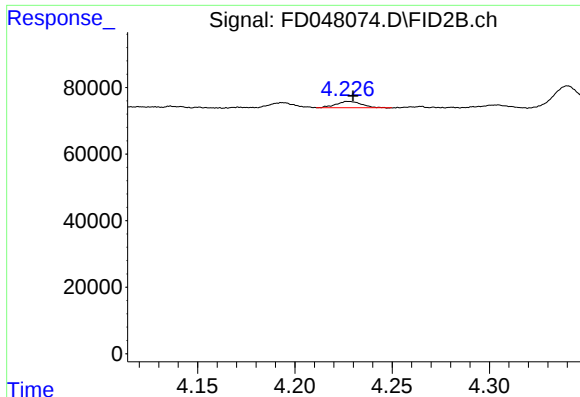
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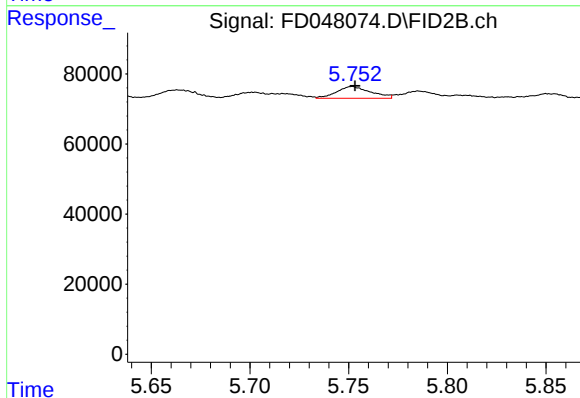




#1 1,2,3-Trimethylbenzene (C10.1)

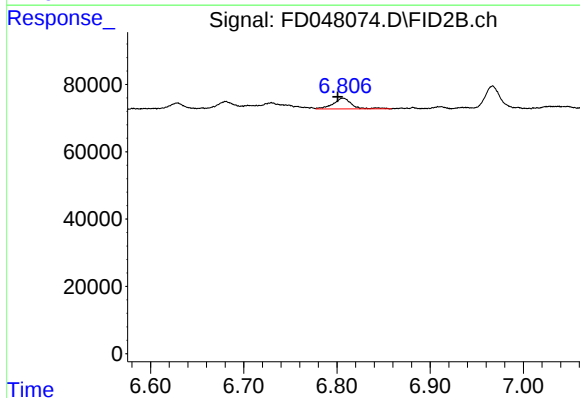
R.T.: 4.228 min
Delta R.T.: -0.002 min
Response: 16919
Conc: 0.10 ug/ml

Instrument :
FID_D
ClientSampleId :



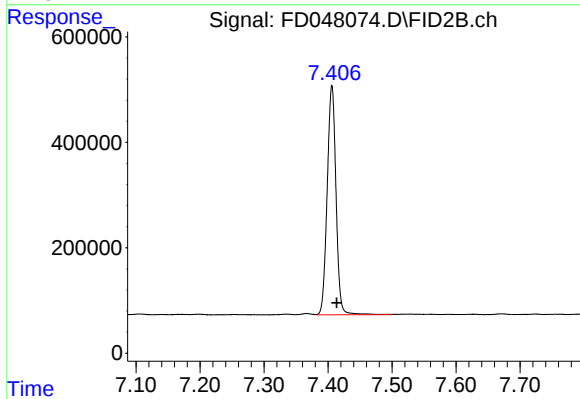
#2 Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: -0.001 min
Response: 40087
Conc: 0.23 ug/ml



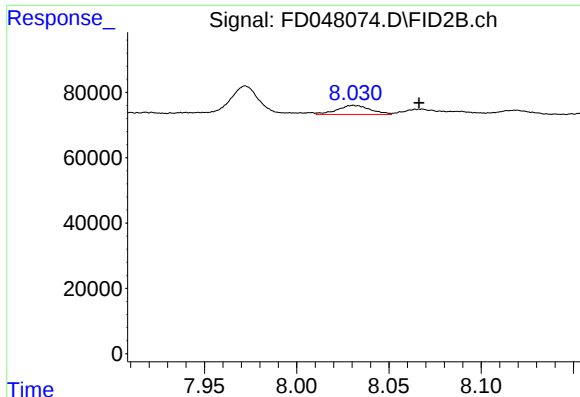
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: 0.006 min
Response: 43523
Conc: 0.25 ug/ml



#4 2-Bromonaphthalene (SURR)

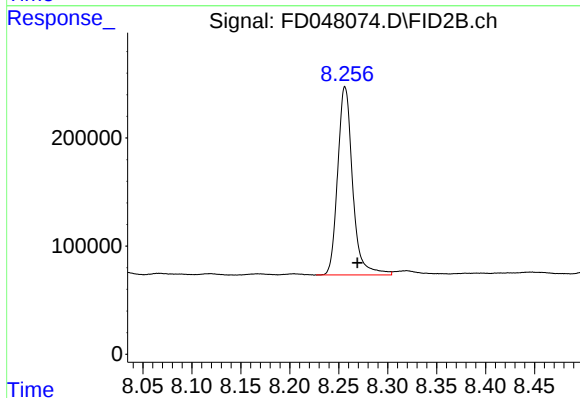
R.T.: 7.406 min
Delta R.T.: -0.008 min
Response: 4169259
Conc: 28.05 ug/ml



#5 Acenaphthylene (C15.06)

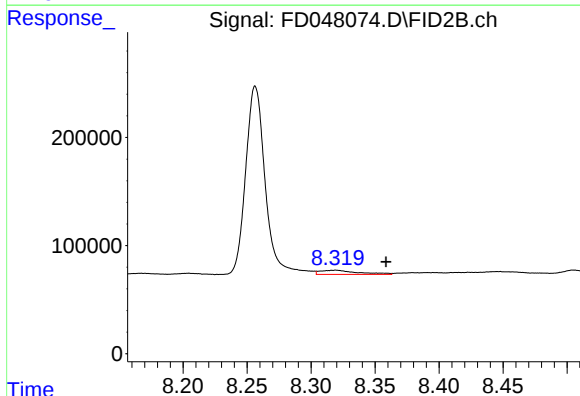
R.T.: 8.031 min
Delta R.T.: -0.035 min
Response: 34705
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



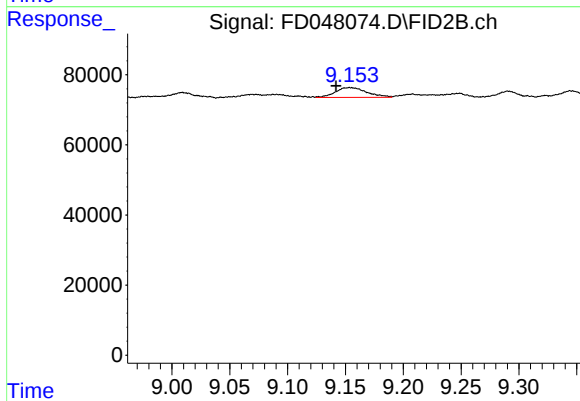
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.257 min
Delta R.T.: -0.012 min
Response: 1850268
Conc: 19.55 ug/ml



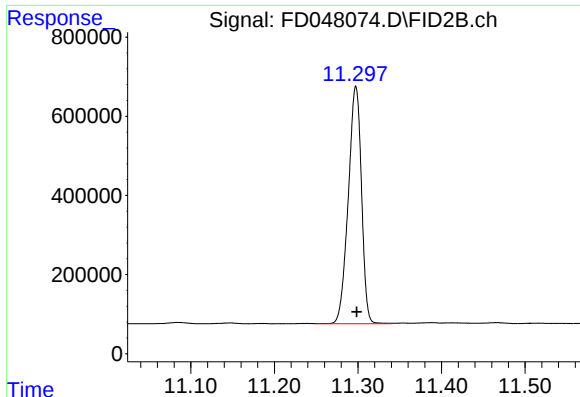
#7 Acenaphthene (C15.5)

R.T.: 8.318 min
Delta R.T.: -0.040 min
Response: 77747
Conc: 0.45 ug/ml



#8 Flouorene (C16.55)

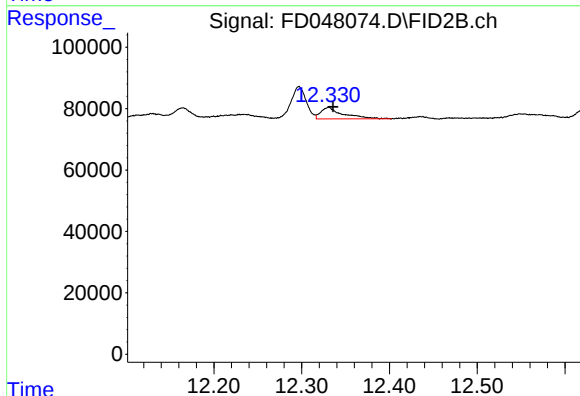
R.T.: 9.154 min
Delta R.T.: 0.012 min
Response: 52548
Conc: 0.32 ug/ml



#11 ortho-Terphenyl (SURR)

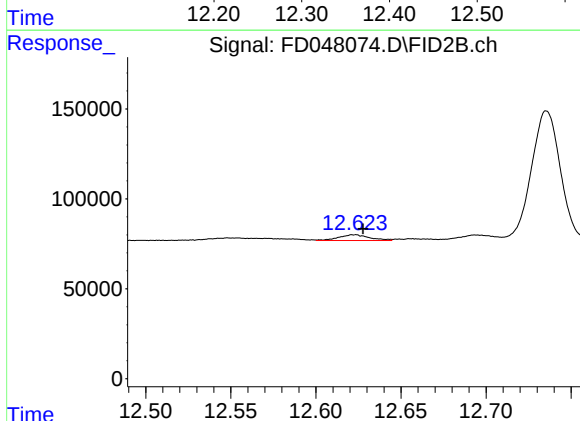
R.T.: 11.297 min
Delta R.T.: -0.001 min
Response: 6591608
Conc: 39.40 ug/ml

Instrument :
FID_D
ClientSampleId :



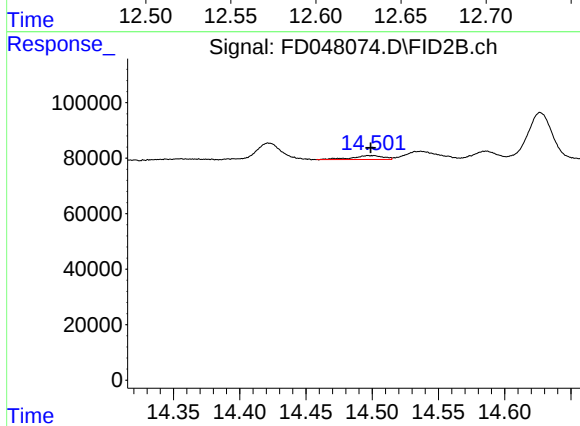
#12 Fluoranthene (C21.85)

R.T.: 12.331 min
Delta R.T.: -0.005 min
Response: 65570
Conc: 0.41 ug/ml



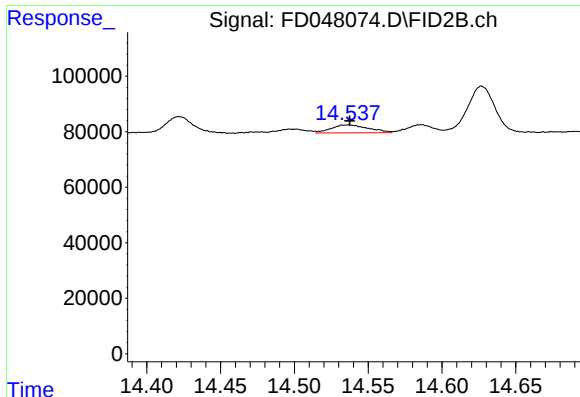
#13 Pyrene (C20.8)

R.T.: 12.623 min
Delta R.T.: -0.005 min
Response: 40591
Conc: 0.26 ug/ml



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

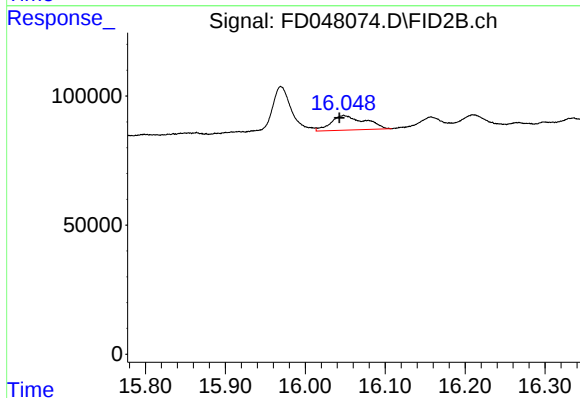
R.T.: 14.499 min
Delta R.T.: 0.000 min
Response: 22267
Conc: 0.16 ug/ml



#15 Chrysene (C27.41)

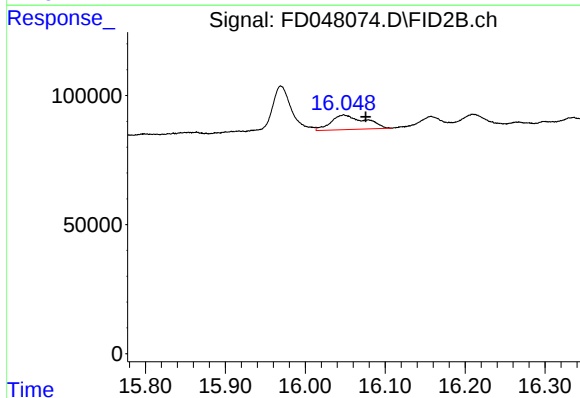
R.T.: 14.536 min
Delta R.T.: -0.001 min
Response: 50289
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



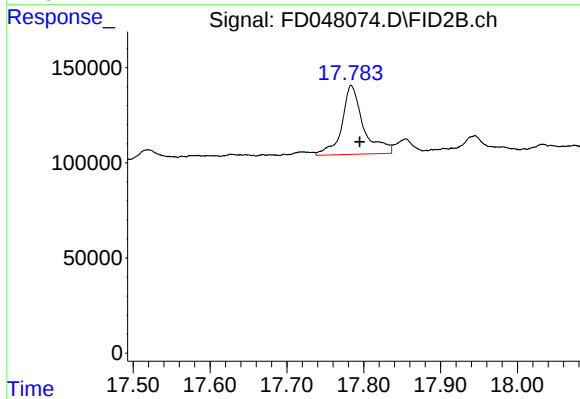
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.048 min
Delta R.T.: 0.006 min
Response: 165734
Conc: 1.15 ug/ml



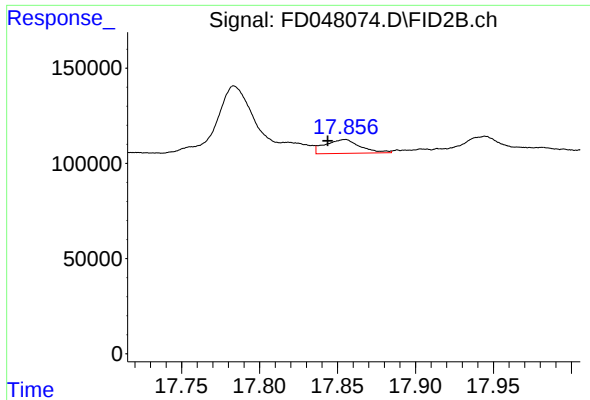
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.048 min
Delta R.T.: -0.027 min
Response: 165734
Conc: 1.11 ug/ml



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

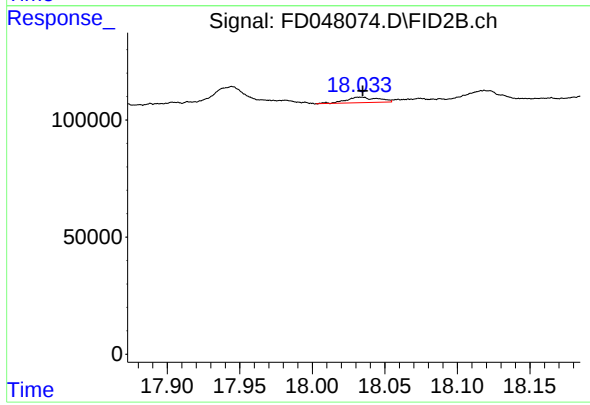
R.T.: 17.784 min
Delta R.T.: -0.010 min
Response: 703633
Conc: 6.24 ug/ml



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

R.T.: 17.854 min
Delta R.T.: 0.010 min
Response: 115020
Conc: 0.79 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.033 min
Delta R.T.: -0.002 min
Response: 35233
Conc: 0.24 ug/ml