

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083022AR\
 Data File : FD043775.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2022 01:39
 Operator : YP/AJ
 Sample : N4421-14
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 31 03:56:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 2022
 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...	7.445	7362142	42.610 ug/ml
Spiked Amount 50.000		Recovery =	85.22%
6) S 2-Fluorobiphenyl (SURR)	8.299	5003928	49.744 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.49%
11) S ortho-Terphenyl (SURR)	11.337	5077083	24.268 ug/ml
Spiked Amount 50.000		Recovery =	48.54%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.821	132279	0.733 ug/ml
5) T Acenaphthylene (C15.06)	8.140	82629	0.413 ug/ml
7) T Acenaphthene (C15.5)	8.403	221298	1.029 ug/ml
8) T Flouorene (C16.55)	9.179	262260	1.368 ug/ml
9) T Phenanthrene (C19.36)	10.571	686228	3.816 ug/ml
10) T Anthracene (C19.43)	10.652	415899	2.138 ug/ml
12) T Fluoranthene (C21.85)	12.378	529310	2.902 ug/ml
13) T Pyrene (C20.8)	12.673	1799108	9.638 ug/ml
14) T Benzo[a]anthracene (C...	14.547	565533	3.953 ug/ml
15) T Chrysene (C27.41)	14.587	1325954	6.870 ug/ml
16) T benzo[b]fluoranthene ...	16.099	887533	6.151 ug/ml
17) T Bnezo[k]fluoranthene ...	16.099	887533	5.160 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.479	557922	3.842 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.849	207038	2.002 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	276820	1.967 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	732274	5.752 ug/ml

(f)=RT Delta > 1/2 Window

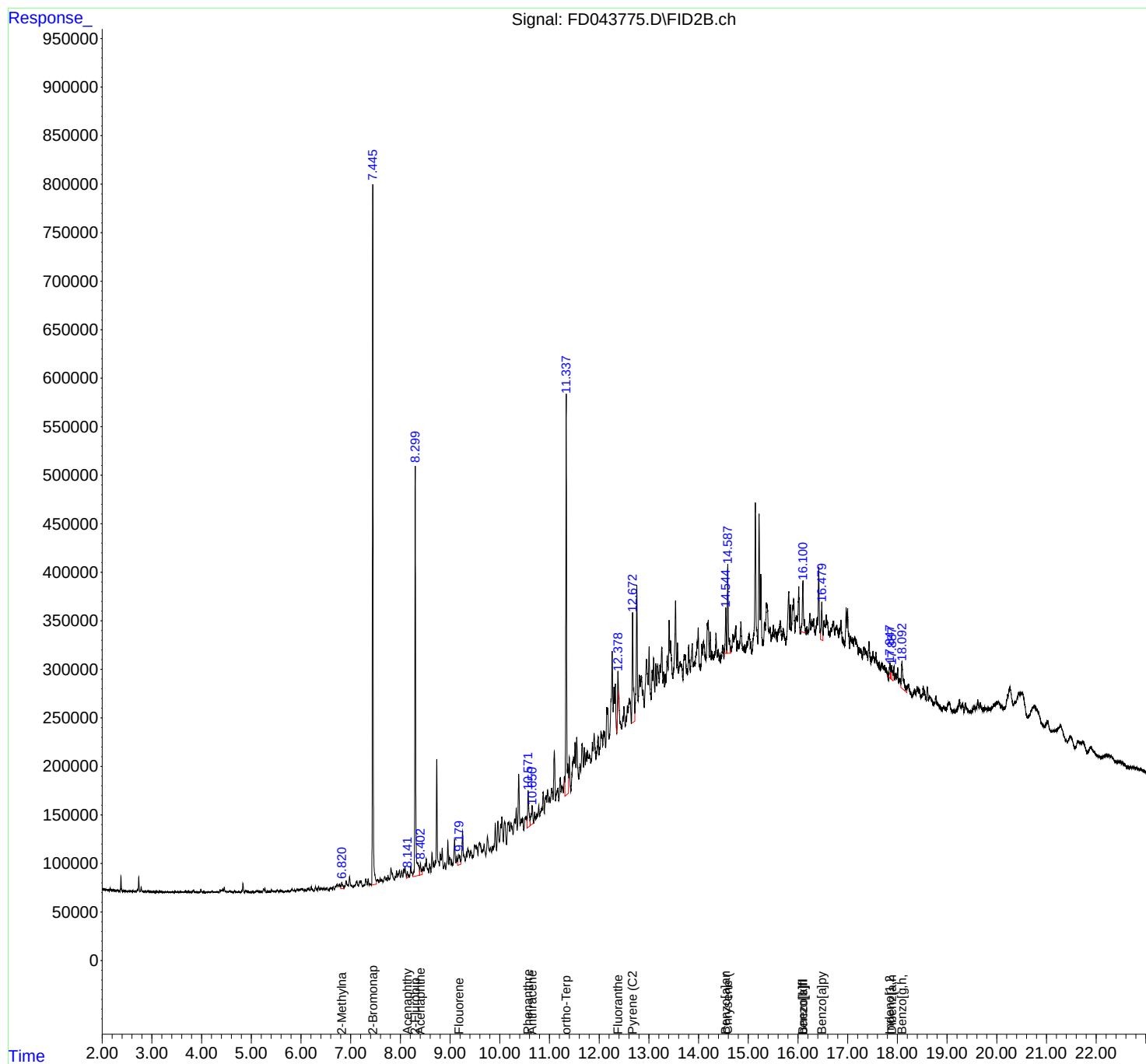
(m)=manual int.

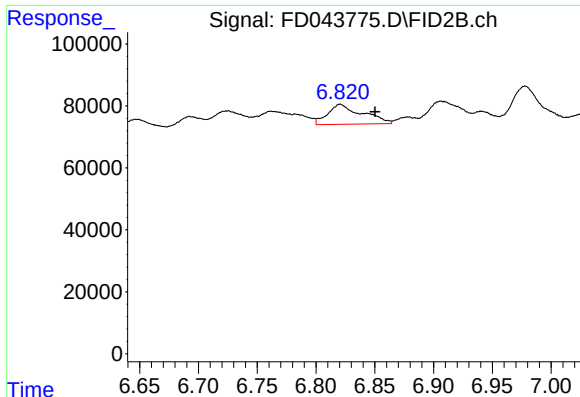
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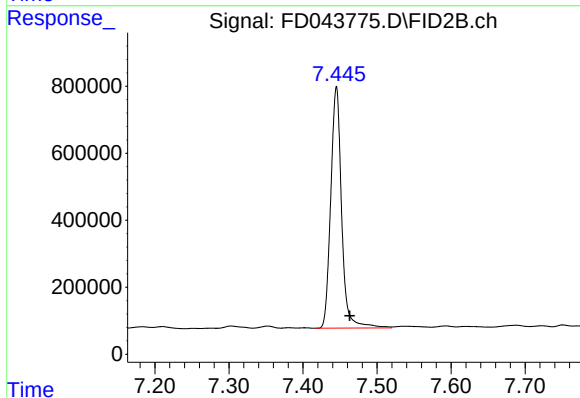




#3 2-Methylnaphthalene (C12.89)

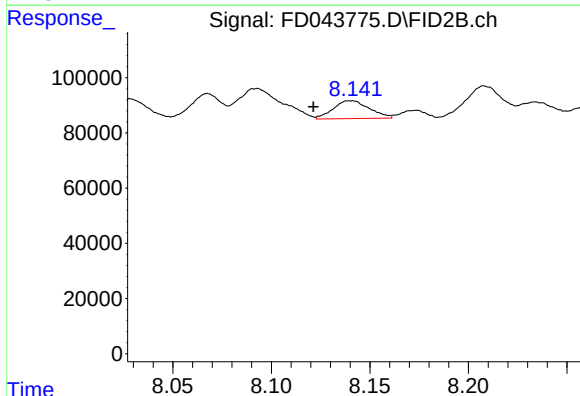
R.T.: 6.821 min
Delta R.T.: -0.030 min
Response: 132279
Conc: 0.73 ug/ml

Instrument :
FID_D
ClientSampleId :



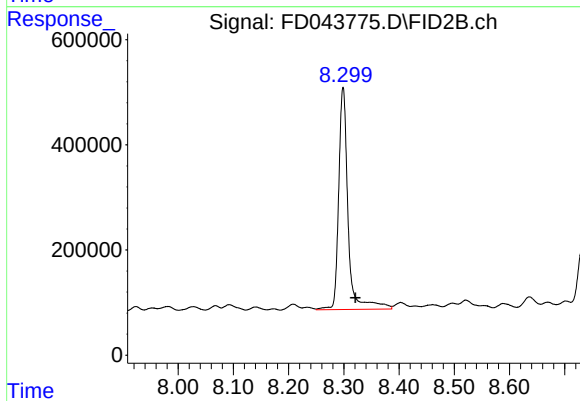
#4 2-Bromonaphthalene (SURR)

R.T.: 7.445 min
Delta R.T.: -0.018 min
Response: 7362142
Conc: 42.61 ug/ml



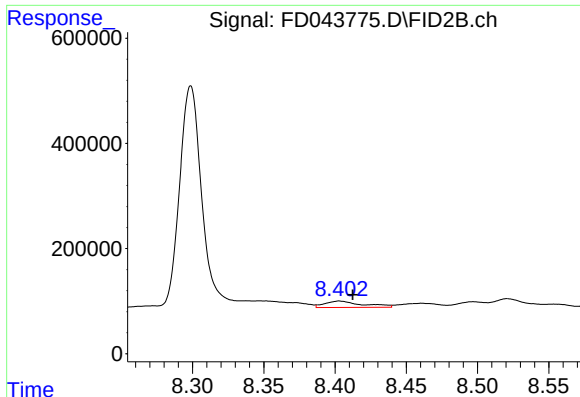
#5 Acenaphthylene (C15.06)

R.T.: 8.140 min
Delta R.T.: 0.019 min
Response: 82629
Conc: 0.41 ug/ml



#6 2-Fluorobiphenyl (SURR)

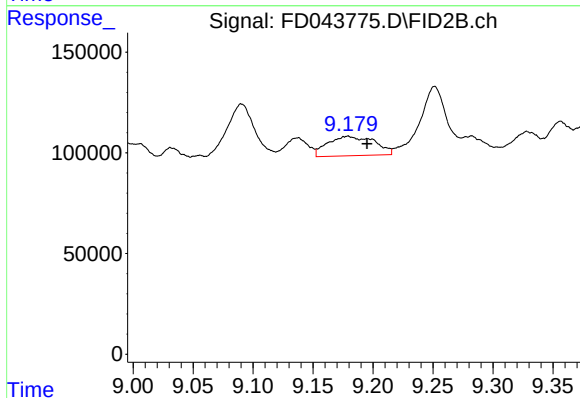
R.T.: 8.299 min
Delta R.T.: -0.022 min
Response: 5003928
Conc: 49.74 ug/ml



#7 Acenaphthene (C15.5)

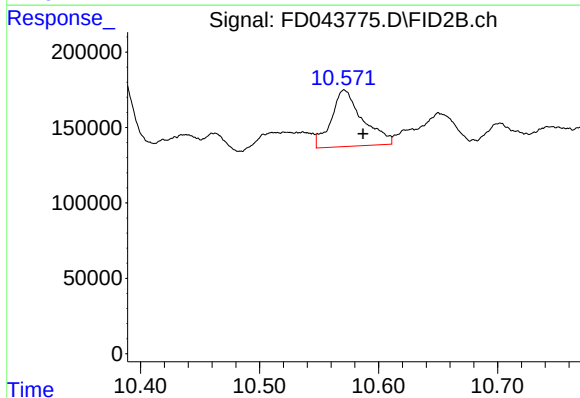
R.T.: 8.403 min
Delta R.T.: -0.009 min
Response: 221298
Conc: 1.03 ug/ml

Instrument :
FID_D
ClientSampleId :



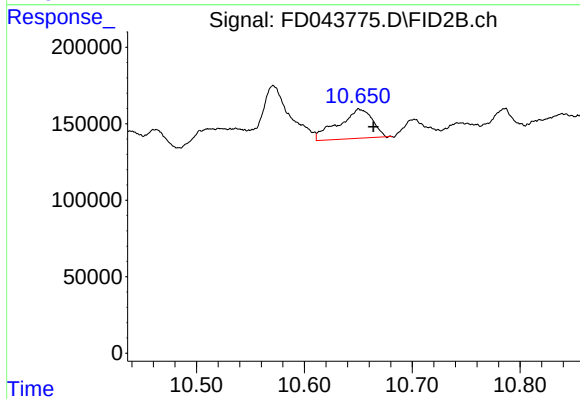
#8 Flouorene (C16.55)

R.T.: 9.179 min
Delta R.T.: -0.016 min
Response: 262260
Conc: 1.37 ug/ml



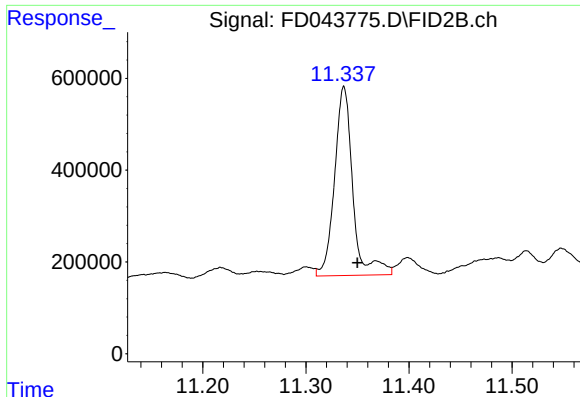
#9 Phenanthrene (C19.36)

R.T.: 10.571 min
Delta R.T.: -0.015 min
Response: 686228
Conc: 3.82 ug/ml



#10 Anthracene (C19.43)

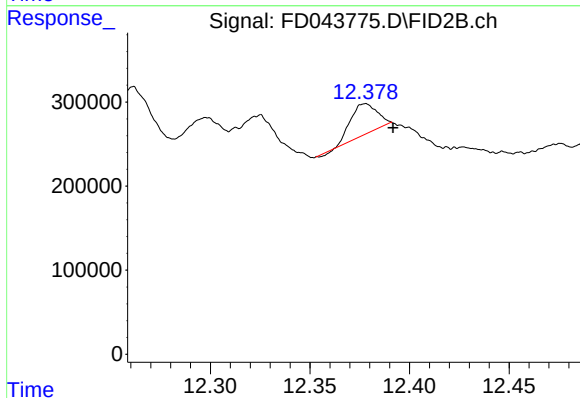
R.T.: 10.652 min
Delta R.T.: -0.012 min
Response: 415899
Conc: 2.14 ug/ml



#11 ortho-Terphenyl (SURR)

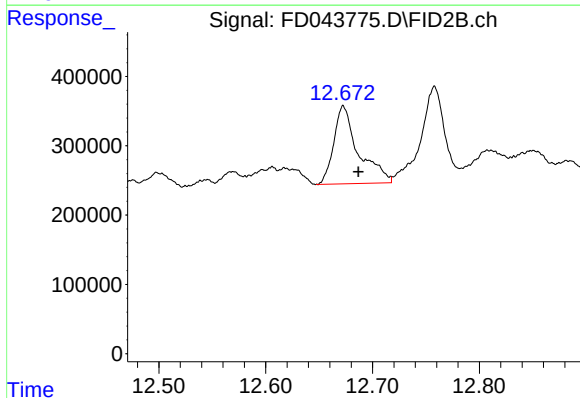
R.T.: 11.337 min
Delta R.T.: -0.013 min
Response: 5077083
Conc: 24.27 ug/ml

Instrument :
FID_D
ClientSampleId :



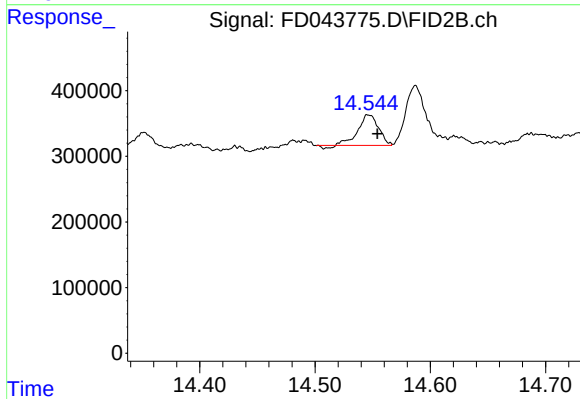
#12 Fluoranthene (C21.85)

R.T.: 12.378 min
Delta R.T.: -0.013 min
Response: 529310
Conc: 2.90 ug/ml



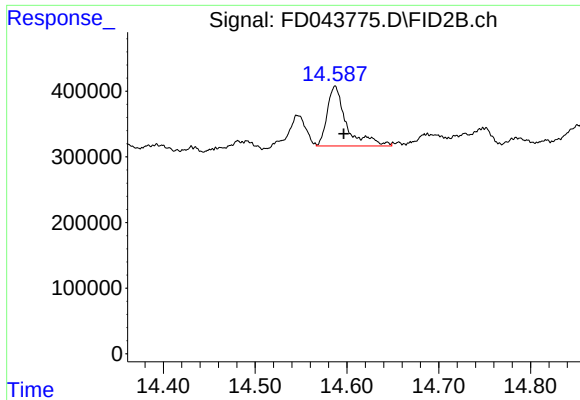
#13 Pyrene (C20.8)

R.T.: 12.673 min
Delta R.T.: -0.014 min
Response: 1799108
Conc: 9.64 ug/ml



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

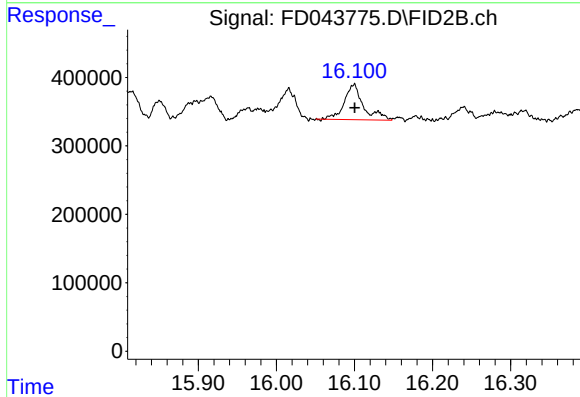
R.T.: 14.547 min
Delta R.T.: -0.007 min
Response: 565533
Conc: 3.95 ug/ml



#15 Chrysene (C27.41)

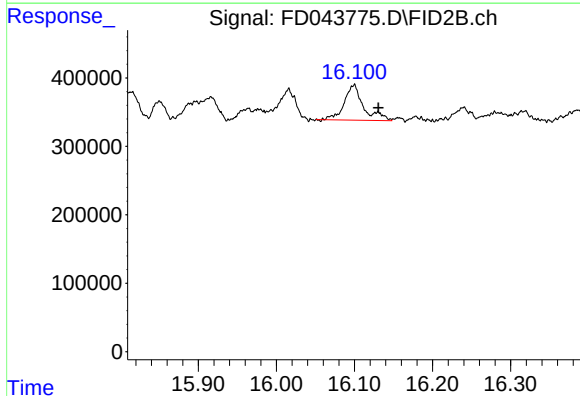
R.T.: 14.587 min
Delta R.T.: -0.009 min
Response: 1325954
Conc: 6.87 ug/ml

Instrument :
FID_D
ClientSampleId :



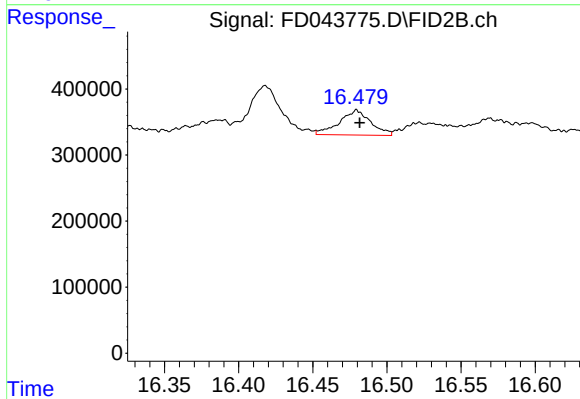
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.099 min
Delta R.T.: -0.001 min
Response: 887533
Conc: 6.15 ug/ml



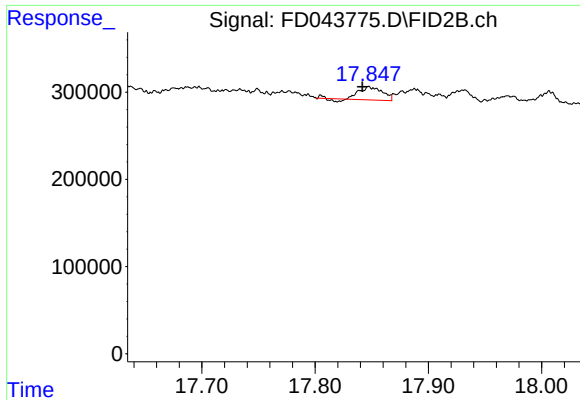
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.099 min
Delta R.T.: -0.032 min
Response: 887533
Conc: 5.16 ug/ml



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

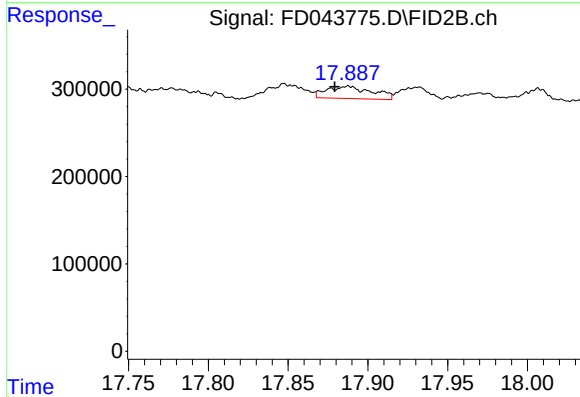
R.T.: 16.479 min
Delta R.T.: -0.002 min
Response: 557922
Conc: 3.84 ug/ml



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

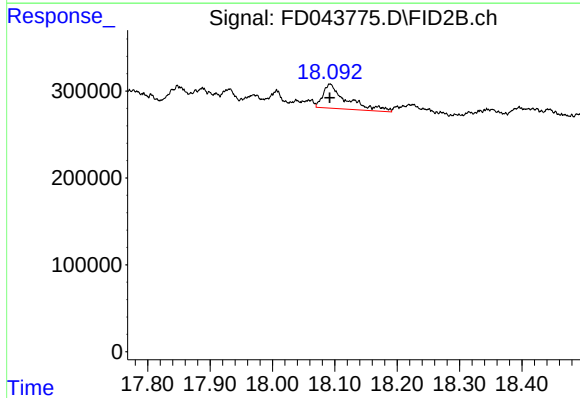
R.T.: 17.849 min
Delta R.T.: 0.007 min
Response: 207038
Conc: 2.00 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.887 min
Delta R.T.: 0.008 min
Response: 276820
Conc: 1.97 ug/ml



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

R.T.: 18.092 min
Delta R.T.: 0.000 min
Response: 732274
Conc: 5.75 ug/ml