

Data Path : P:\HPCHEM1\FID D\Data\FD041618AR\
 Data File : FD023056.D
 Signal(s) : FID2B.CH
 Acq On : 17 Apr 2018 7:04
 Operator : UA/AJ
 Sample : J2357-01
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 17 11:12:04 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.293	7444865	54.896 ug/ml
Spiked Amount 50.000		Recovery =	109.79%
6) S 2-Fluorobiphenyl (SURR)	8.149	4705577	66.027 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	132.05%#
11) S ortho-Terphenyl (SURR)	11.173	3063000	21.909 ug/ml
Spiked Amount 50.000		Recovery =	43.82%
Target Compounds			
9) T Phenanthrene (C19.36)	10.454	92167	0.694 ug/ml
10) T Anthracene (C19.43)	10.454f	92167	0.659 ug/ml
12) T Fluoranthene (C21.85)	12.241	424453	3.090 ug/ml
13) T Pyrene (C20.8)	12.534	339469	2.405 ug/ml
14) T Benzo[a]anthracene (C...	14.420	229769	1.849 ug/ml
15) T Chrysene (C27.41)	14.460	337411	2.179 ug/ml
16) T benzo[b]fluoranthene ...	15.977	396397	2.941 ug/ml
17) T Bnezo[k]fluoranthene ...	16.016	199534	1.209 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	192929	1.338 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.754	241786	1.863 ug/ml
20) T Dibenz[a,h]anthracene...	17.787	54803	0.329 ug/ml
21) T Benzo[a,h,i]pervylene ...	18.001	224255	1.513 ug/ml

(f)=RT Delta > 1/2 Window

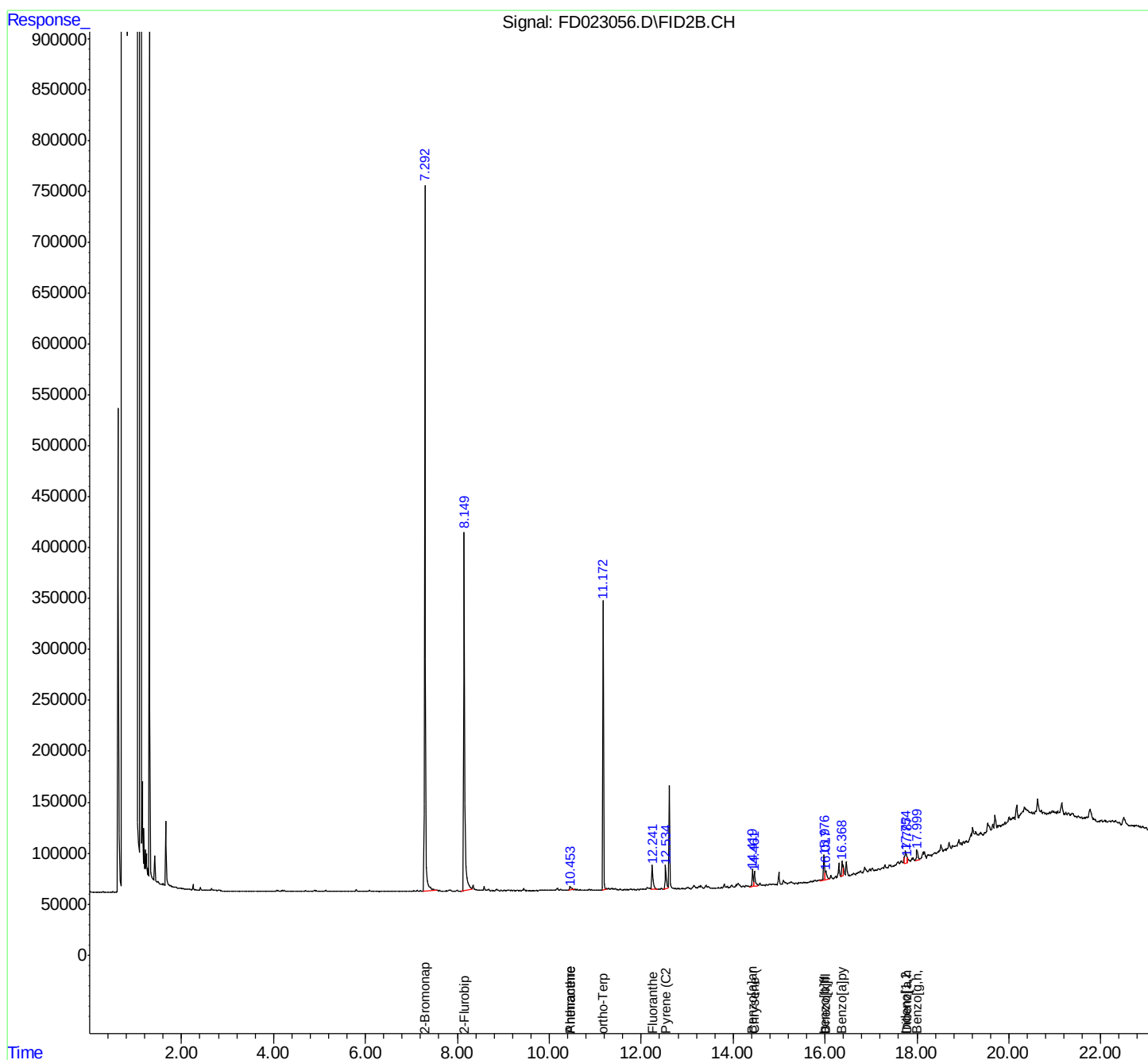
(m)=manual int.

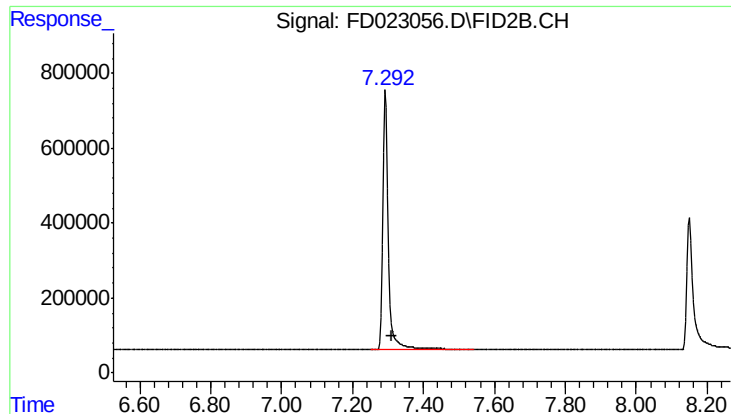
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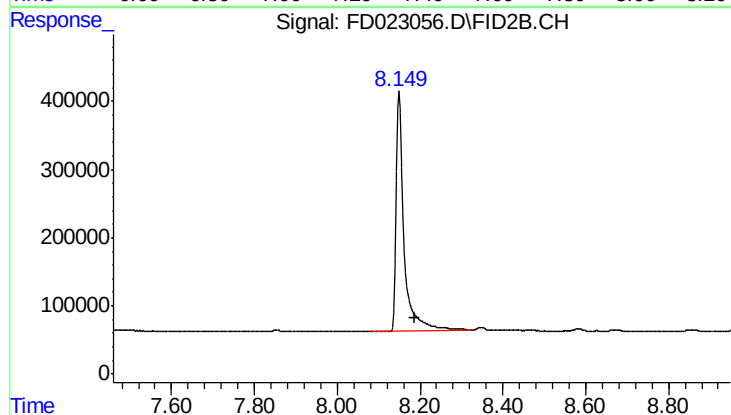




#4 2-Bromonaphthalene (SURR)

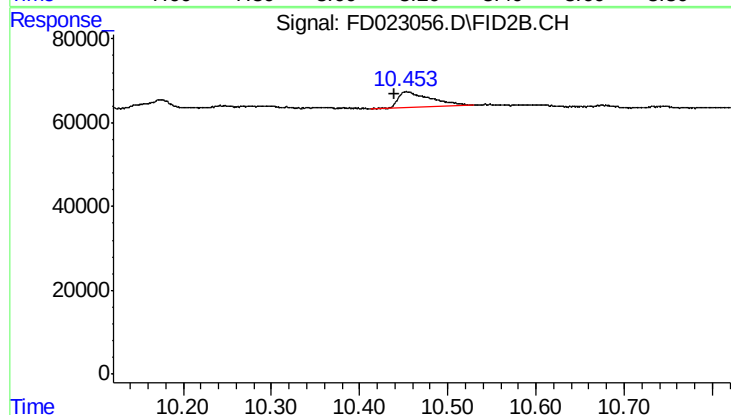
R.T.: 7.293 min
Delta R.T.: -0.017 min
Response: 7444865
Conc: 54.90 ug/ml

Instrument :
FID_D
ClientSampleId :



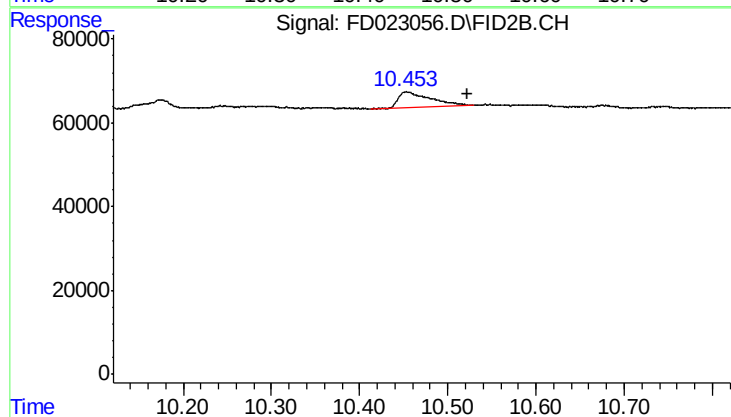
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.149 min
Delta R.T.: -0.039 min
Response: 4705577
Conc: 66.03 ug/ml



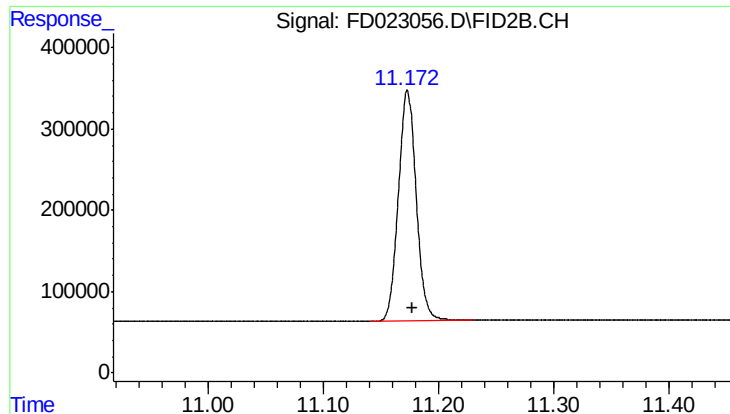
#9 Phenanthrene (C19.36)

R.T.: 10.454 min
Delta R.T.: 0.015 min
Response: 92167
Conc: 0.69 ug/ml



#10 Anthracene (C19.43)

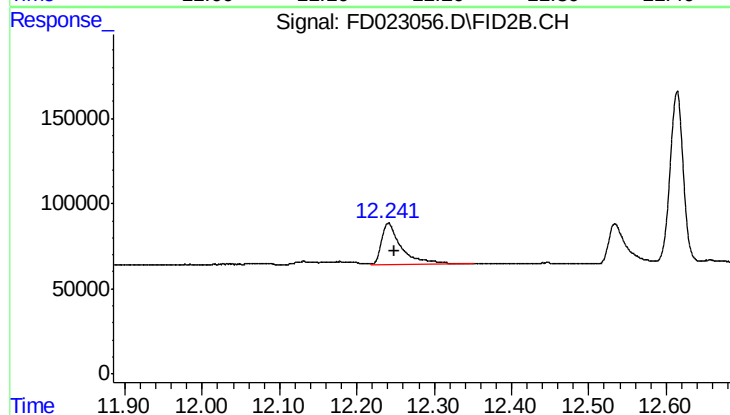
R.T.: 10.454 min
Delta R.T.: -0.069 min
Response: 92167
Conc: 0.66 ug/ml



#11 ortho-Terphenyl (SURR)

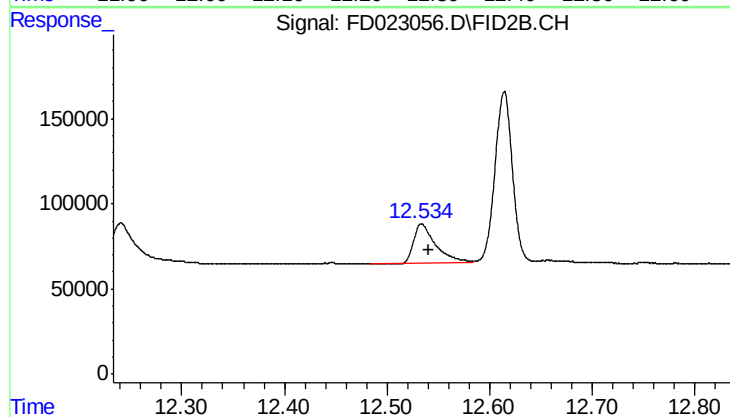
R.T.: 11.173 min
Delta R.T.: -0.005 min
Response: 3063000
Conc: 21.91 ug/ml

Instrument :
FID_D
ClientSampleId :



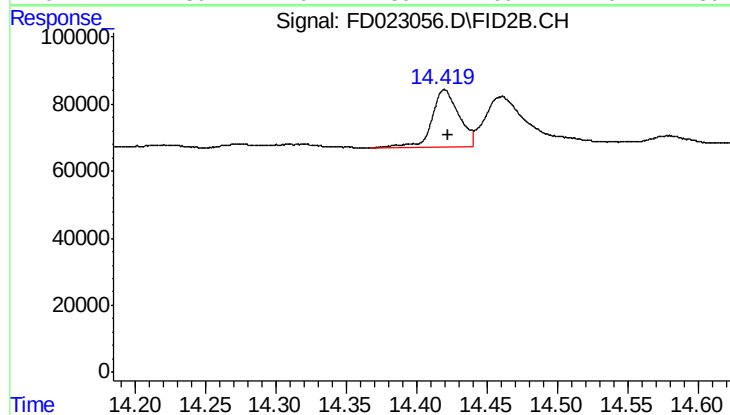
#12 Fluoranthene (C21.85)

R.T.: 12.241 min
Delta R.T.: -0.008 min
Response: 424453
Conc: 3.09 ug/ml



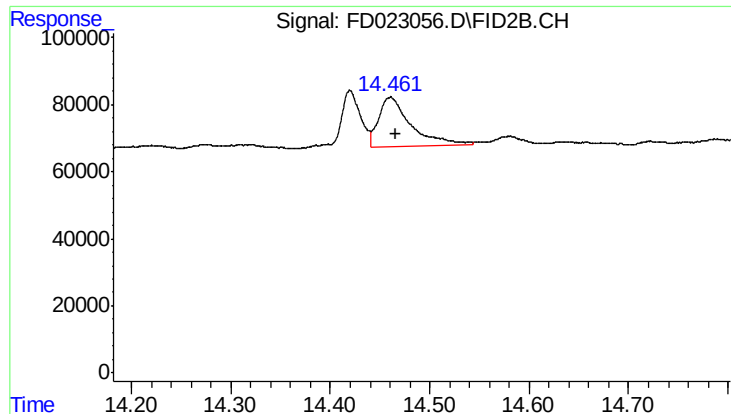
#13 Pyrene (C20.8)

R.T.: 12.534 min
Delta R.T.: -0.007 min
Response: 339469
Conc: 2.40 ug/ml



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

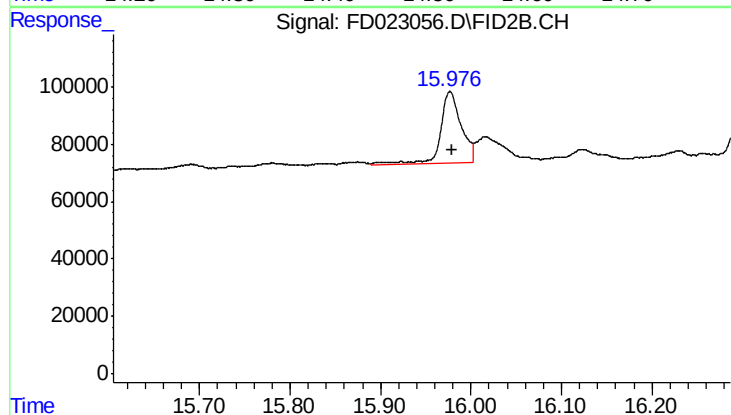
R.T.: 14.420 min
Delta R.T.: -0.003 min
Response: 229769
Conc: 1.85 ug/ml



#15 Chrysene (C27.41)

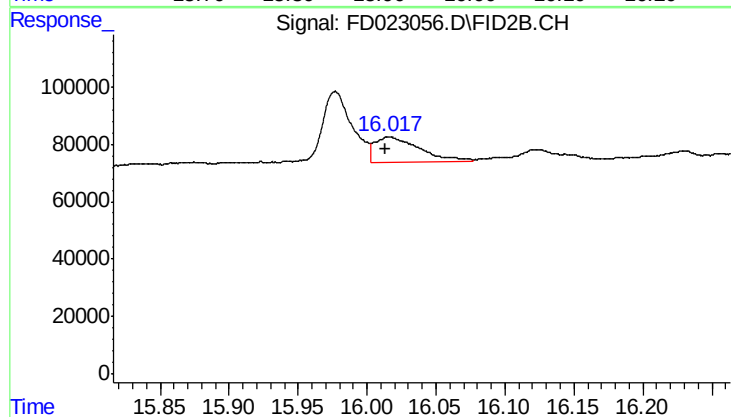
R.T.: 14.460 min
Delta R.T.: -0.006 min
Response: 337411
Conc: 2.18 ug/ml

Instrument :
FID_D
ClientSampleId :



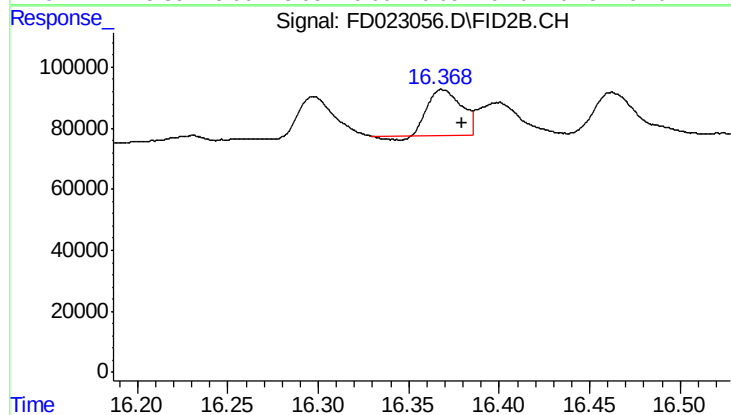
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.977 min
Delta R.T.: -0.002 min
Response: 396397
Conc: 2.94 ug/ml



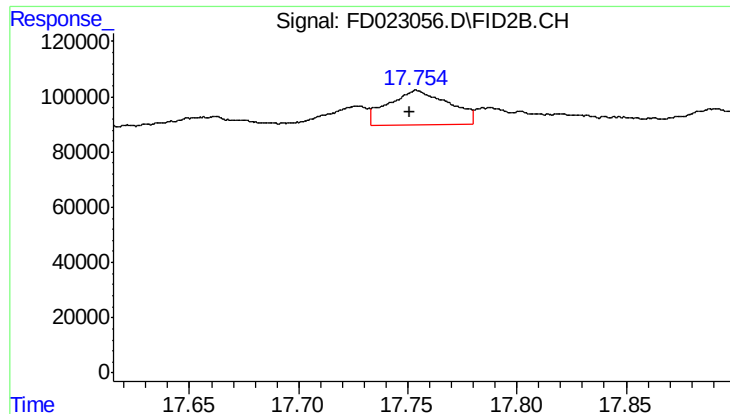
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.016 min
Delta R.T.: 0.003 min
Response: 199534
Conc: 1.21 ug/ml



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

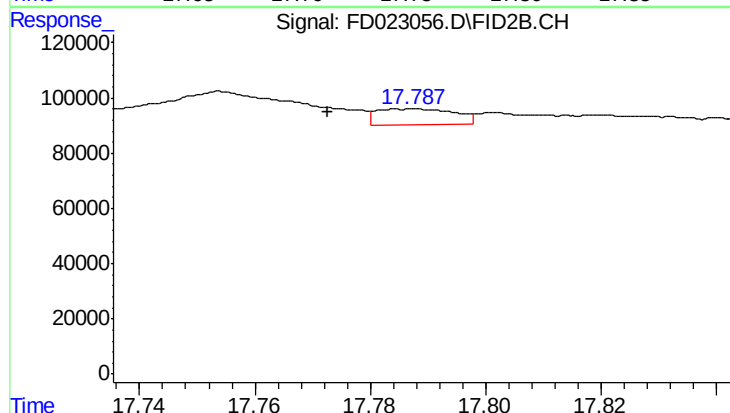
R.T.: 16.369 min
Delta R.T.: -0.011 min
Response: 192929
Conc: 1.34 ug/ml



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

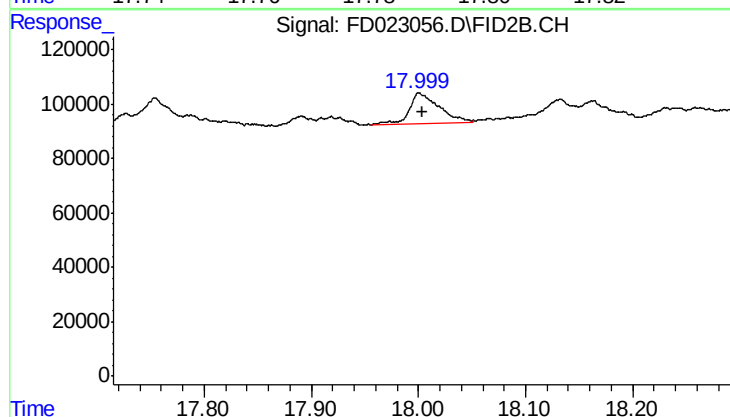
R.T.: 17.754 min
Delta R.T.: 0.004 min
Response: 241786
Conc: 1.86 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.787 min
Delta R.T.: 0.014 min
Response: 54803
Conc: 0.33 ug/ml



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

R.T.: 18.001 min
Delta R.T.: -0.003 min
Response: 224255
Conc: 1.51 ug/ml