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DAS6 v6.8 - HORIBA Scientific - [0000-475.das]

File Edit Tools View

LOG LIN [Zoom Range: 8.45 ns]

File Information | Comments

Prompt file: Prompt  
Decay file: Decay

	Prompt	Decay
Range	2046ch	2046ch
Peak At	710ch	711ch
Peak Count	10 086	10 027
Total Count	101 453	199 981
Noise Count	0.8171	N/A
Run Time	7.829sec	29.108sec

Use manual background value  
Time calibration: 0.11ns/ch (0 indicates channels)

Select Fit:  
Fit Type: 1-5 exponentials [Fit...]

Available Data:

- Working Data
- Stored Results
  - 1' [XSQ=1.376941]

Selected Fit: [Open in window](#)

Hi reduced to: 774 ch

SHIFT = -1.650879 ch  
-1.811664E-10 sec  
S.Dev = 2.206401E-12 sec

T1 = 10.03678 ch  
1.10143E-09 sec  
S.Dev = 6.376152E-12 sec

A = 44.6459  
S.Dev = 2.183527

B1 = 0.2061297  
[100.00 Rel.Ampl]  
S.Dev = 5.051771E-04

CHISQ = 1.376941  
[ 74 degrees of freedom ]

### 1' [XSQ=1.376941]

#### Decay

#### Residuals

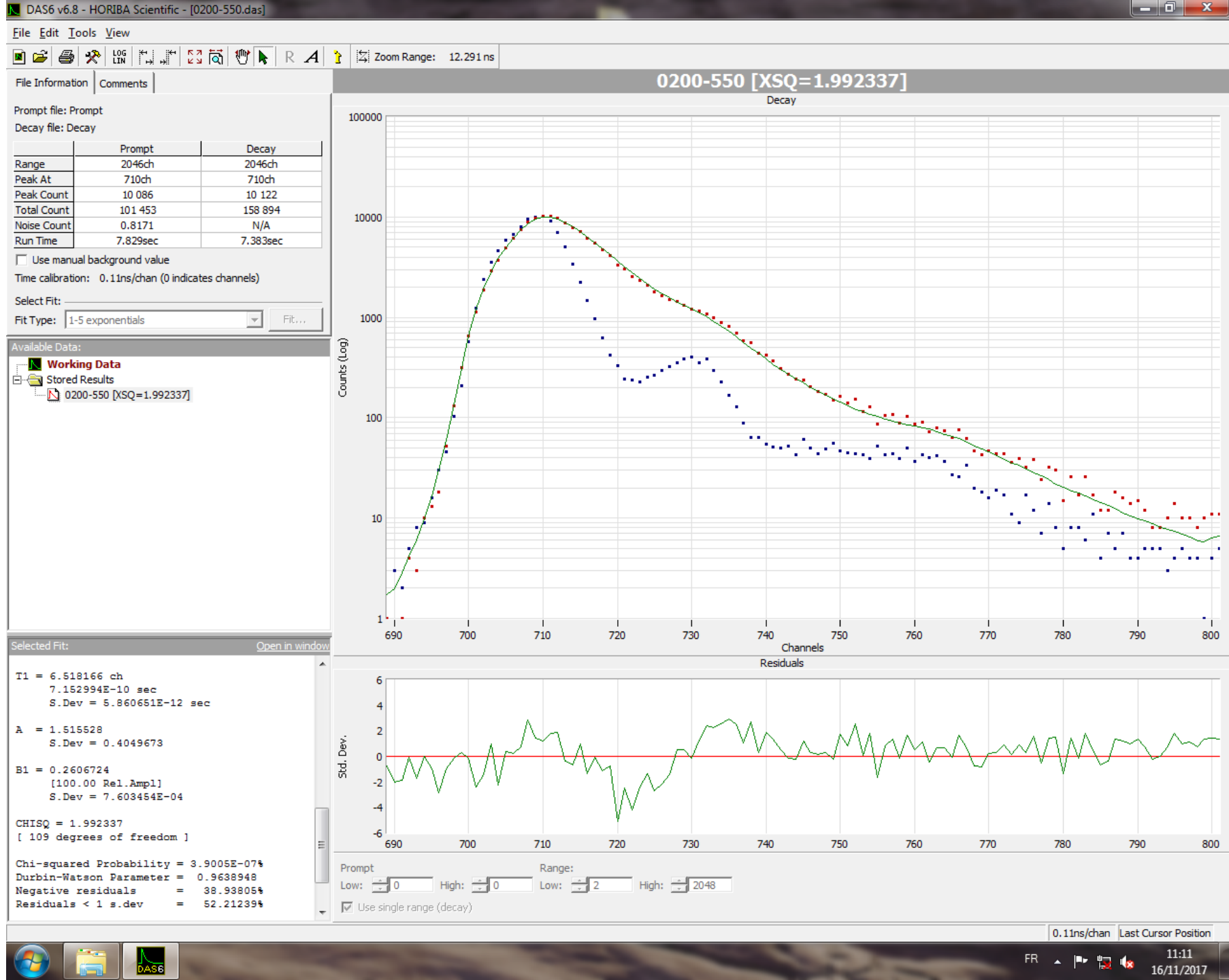
Prompt Low: 0 High: 0 Low: 2 High: 2048

Use single range (decay)

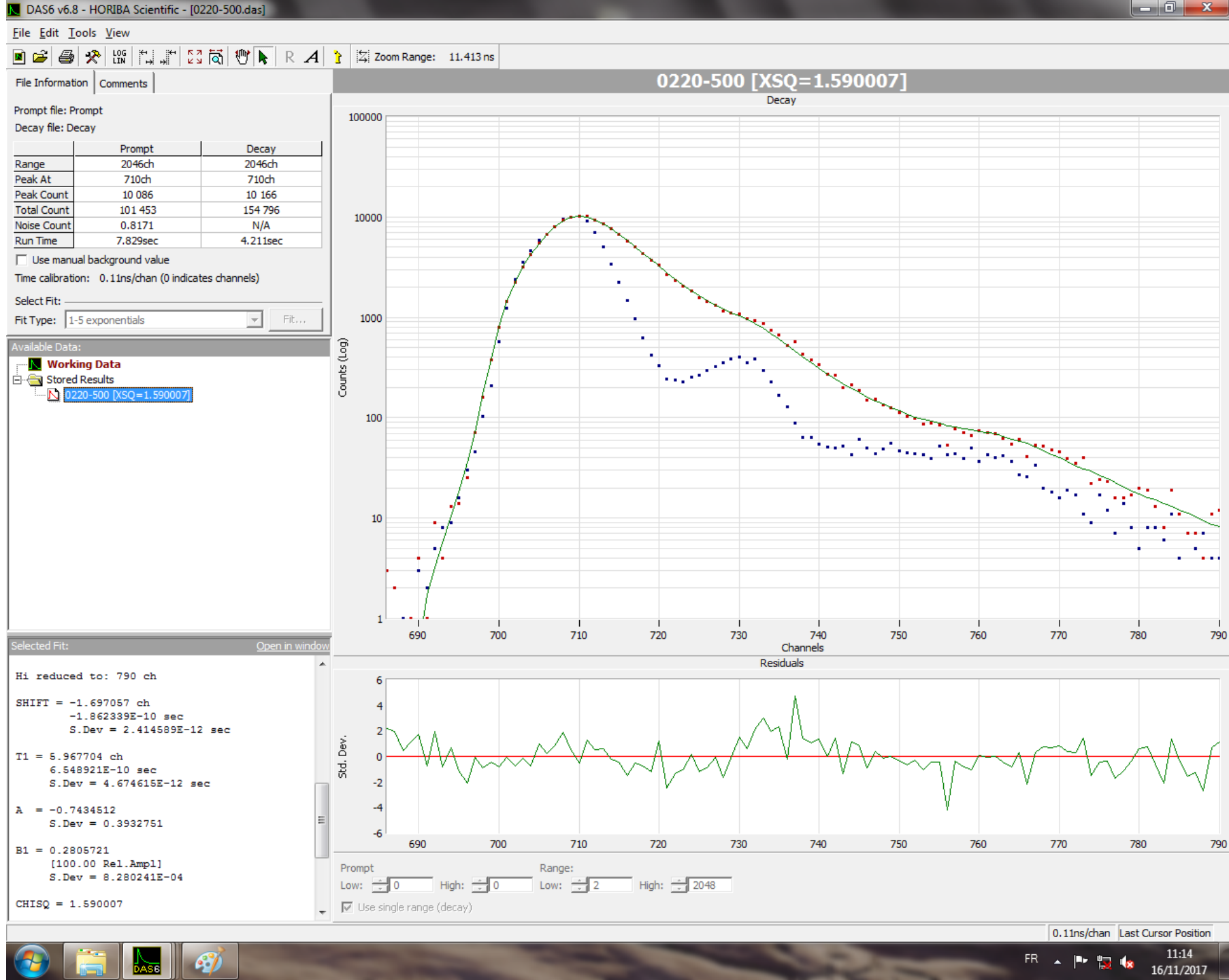
0.11ns/ch Both (x,yp,yd): (786,786,786)

FR 12:10 16/11/2017

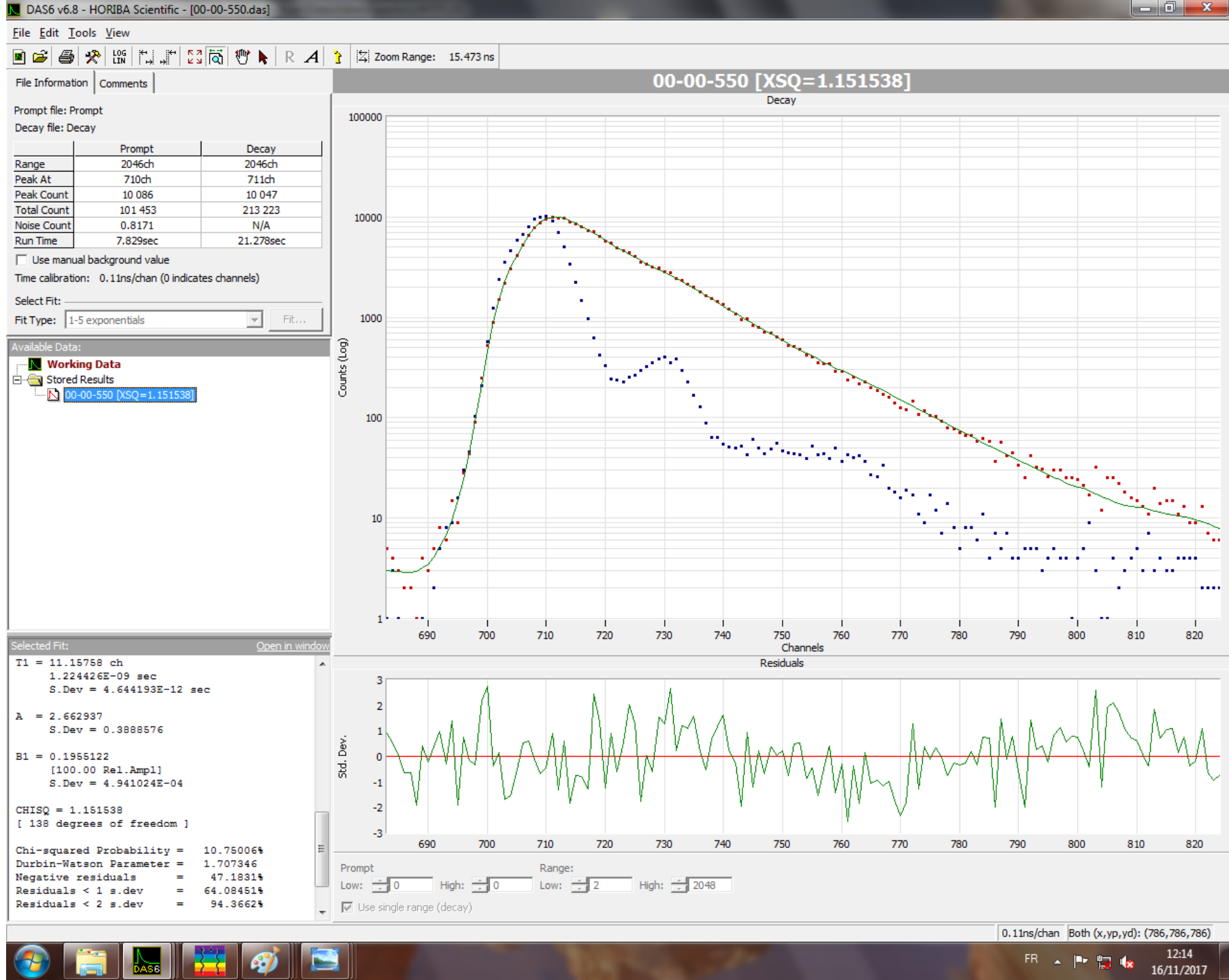
0200



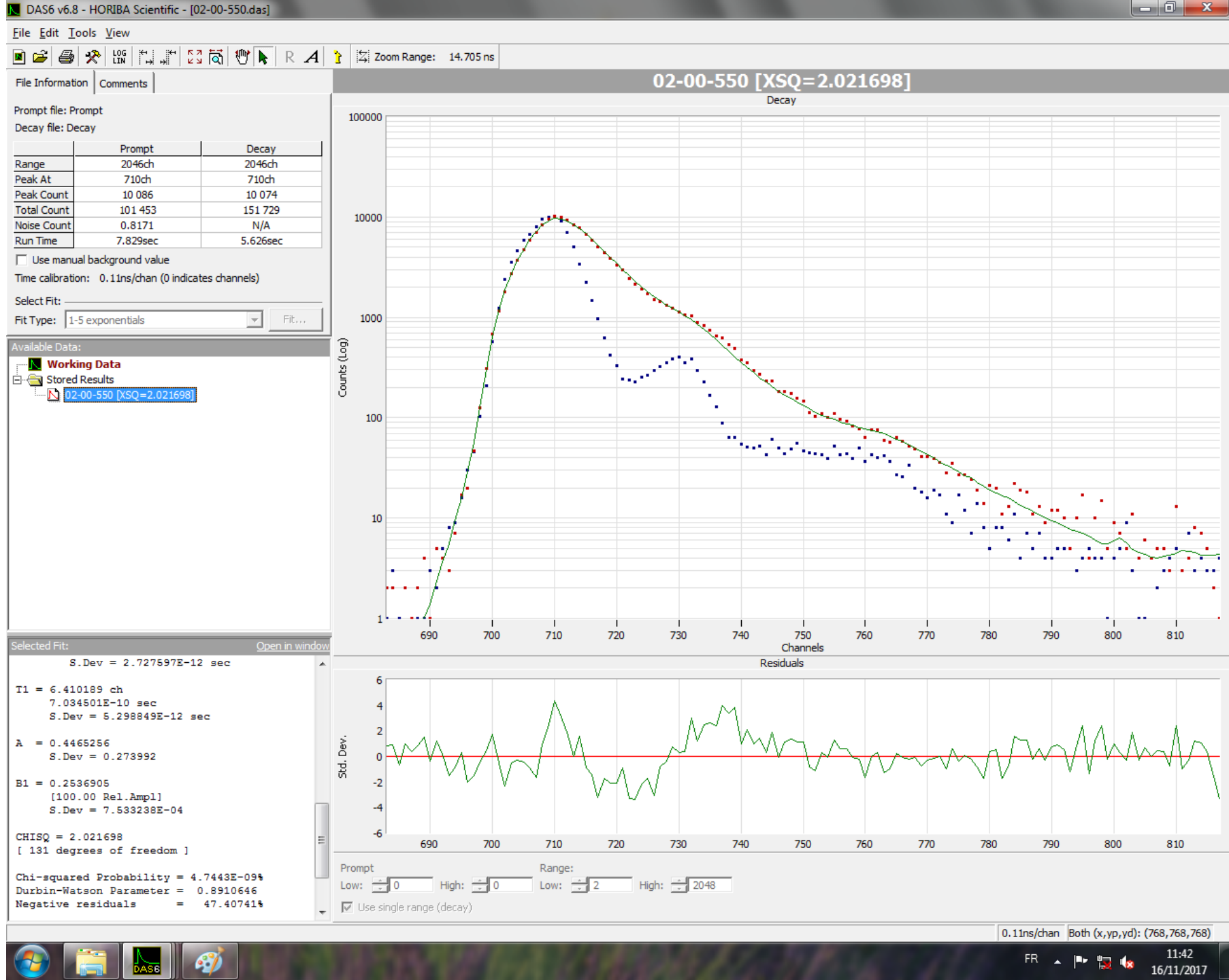
0220



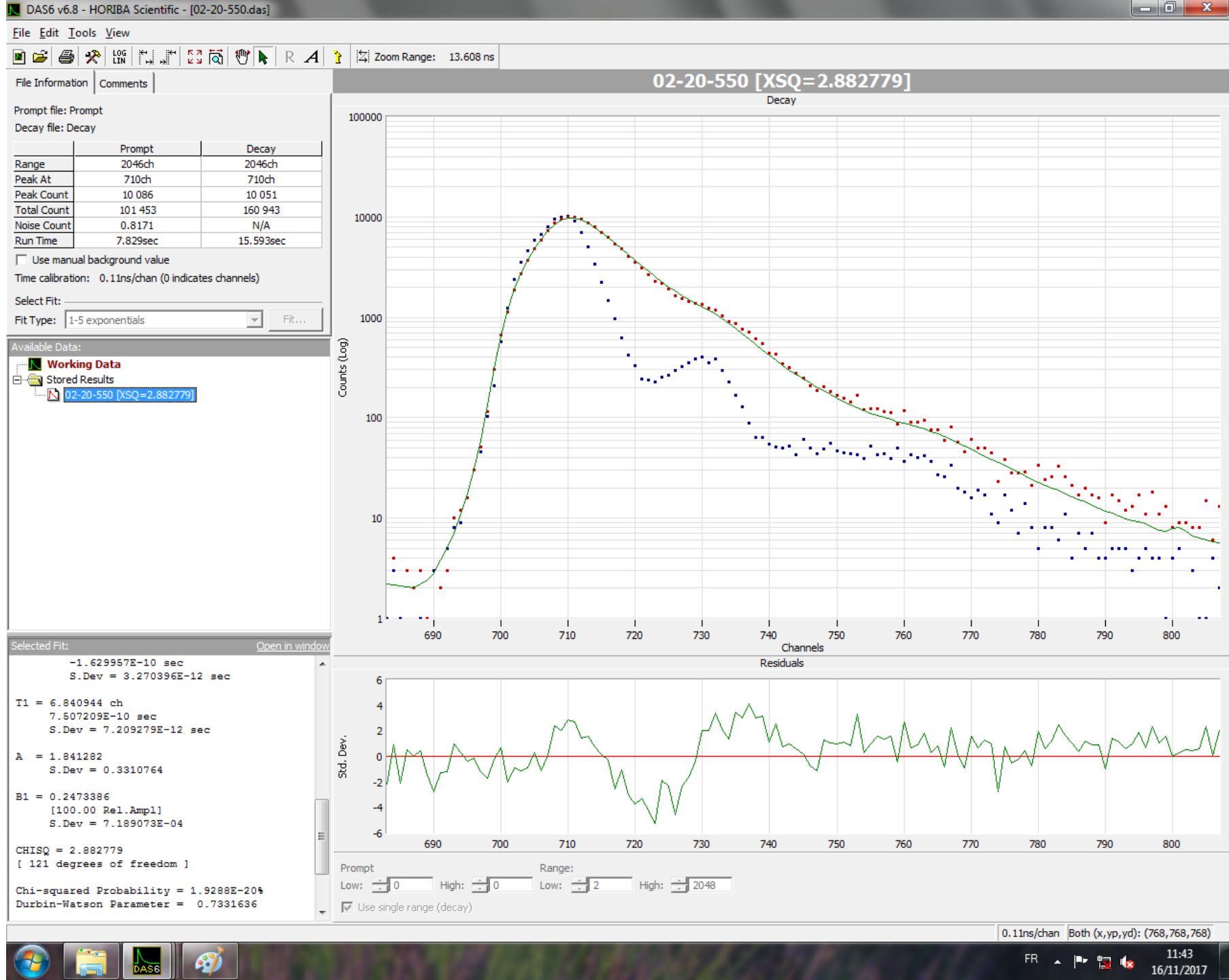
00-00



02-00



02-20





00/00

DAS6 v6.8 - HORIBA Scientific - [00d00.das]

File Edit Tools View

LOG LIN [Zoom Range: 6.584 ns]

File Information | Comments

Prompt file: Prompt  
Decay file: Decay

	Prompt	Decay
Range	2046ch	2046ch
Peak At	351ch	357ch
Peak Count	10 000	10 012
Total Count	144 685	223 895
Noise Count	1.4785	N/A
Run Time	72.188sec	20.291sec

Use manual background value  
Time calibration: 0.11ns/channel (0 indicates channels)

Select Fit:  
Fit Type: 1-5 exponentials [Fit...]

Available Data:  
Working Data  
Stored Results  
monoexpo2 [XSQ=1.746962]

### monoexpo2 [XSQ=1.746962]

#### Decay

Counts (Log)

Channels

#### Residuals

Std. Dev.

Channels

Selected Fit: [Open in window](#)

T1 = 9.783624 ch  
1.073649E-09 sec  
S.Dev = 6.433301E-12 sec

A = 5.464819  
S.Dev = 1.379103

B1 = 0.1696013  
[100.00 Rel.Ampl]  
S.Dev = 4.272331E-04

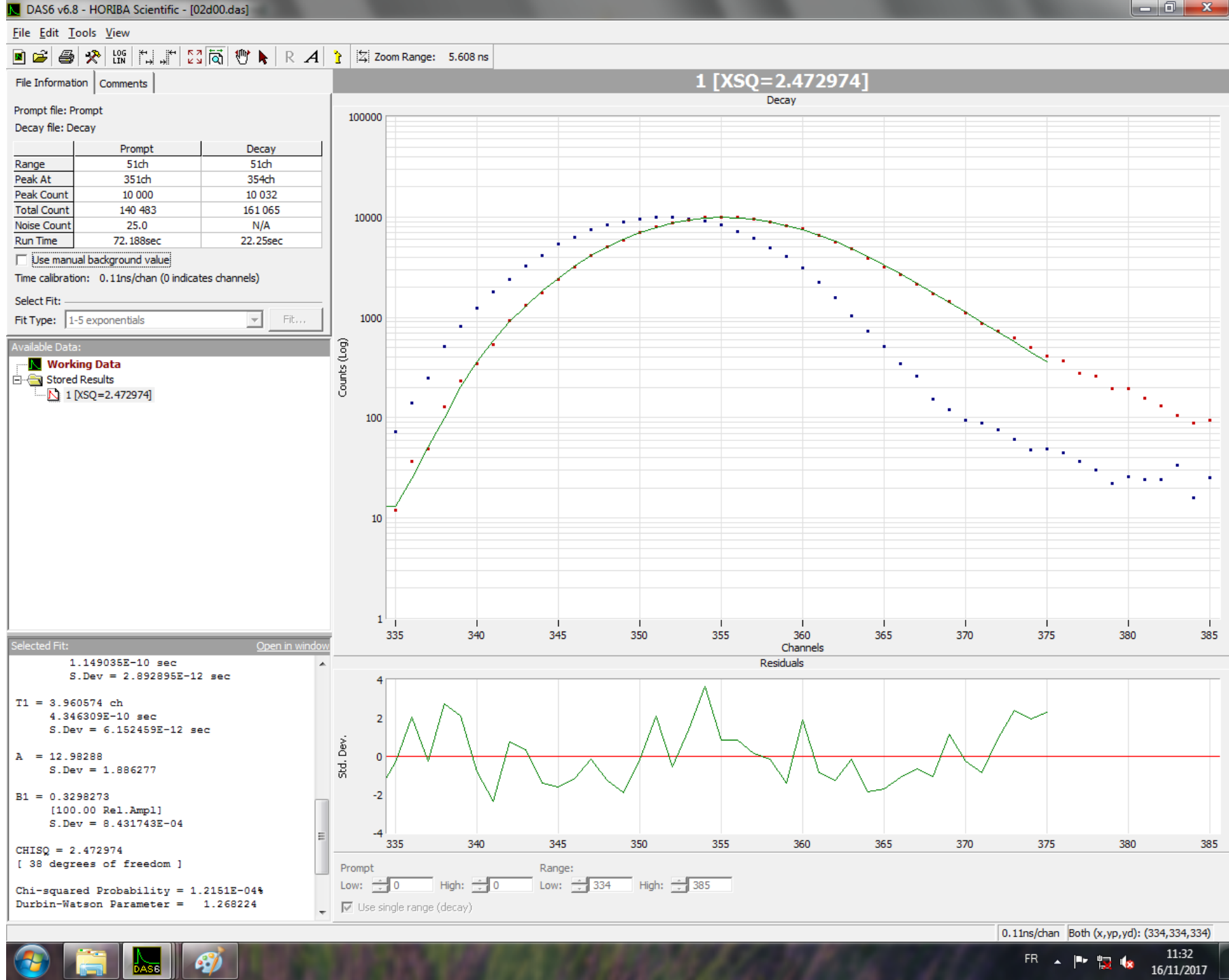
CHISQ = 1.746962  
[ 57 degrees of freedom ]

Chi-squared Probability = 4.4668E-02%  
Durbin-Watson Parameter = 1.303103  
Negative residuals = 39.34426%  
Residuals < 1 s.dev = 50.81967%

Prompt Low: 0 High: 0 Range: Low: 2 High: 2048  
 Use single range (decay)

0.11ns/channel Both (x,yp,yd): (786,786,786)

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02/20

DAS6 v6.8 - HORIBA Scientific - [02d20.das]

File Edit Tools View

LOG LIN [Zoom Range: 7.362 ns]

File Information | Comments

Prompt file: Prompt  
Decay file: Decay

	Prompt	Decay
Range	2046ch	2046ch
Peak At	351ch	354ch
Peak Count	10 000	10 006
Total Count	144 685	159 413
Noise Count	1.4785	N/A
Run Time	72.188sec	33.96sec

Use manual background value  
Time calibration: 0.11ns/channel (0 indicates channels)

Select Fit:  
Fit Type: 1-5 exponentials [Fit...]

Available Data:  
Working Data  
Stored Results  
1' [XSQ=2.111907]

### 1' [XSQ=2.111907]

#### Decay

Counts (Log)

Channels

#### Residuals

Std. Dev.

Channels

Selected Fit: [Open in window](#)

S.Dev = 2.524718E-12 sec

T1 = 3.011226 ch  
3.3045E-10 sec  
S.Dev = 4.977794E-12 sec

A = 6.759855  
S.Dev = 1.36757

B1 = 0.4342777  
[100.00 Rel.Ampl]  
S.Dev = 1.12001E-03

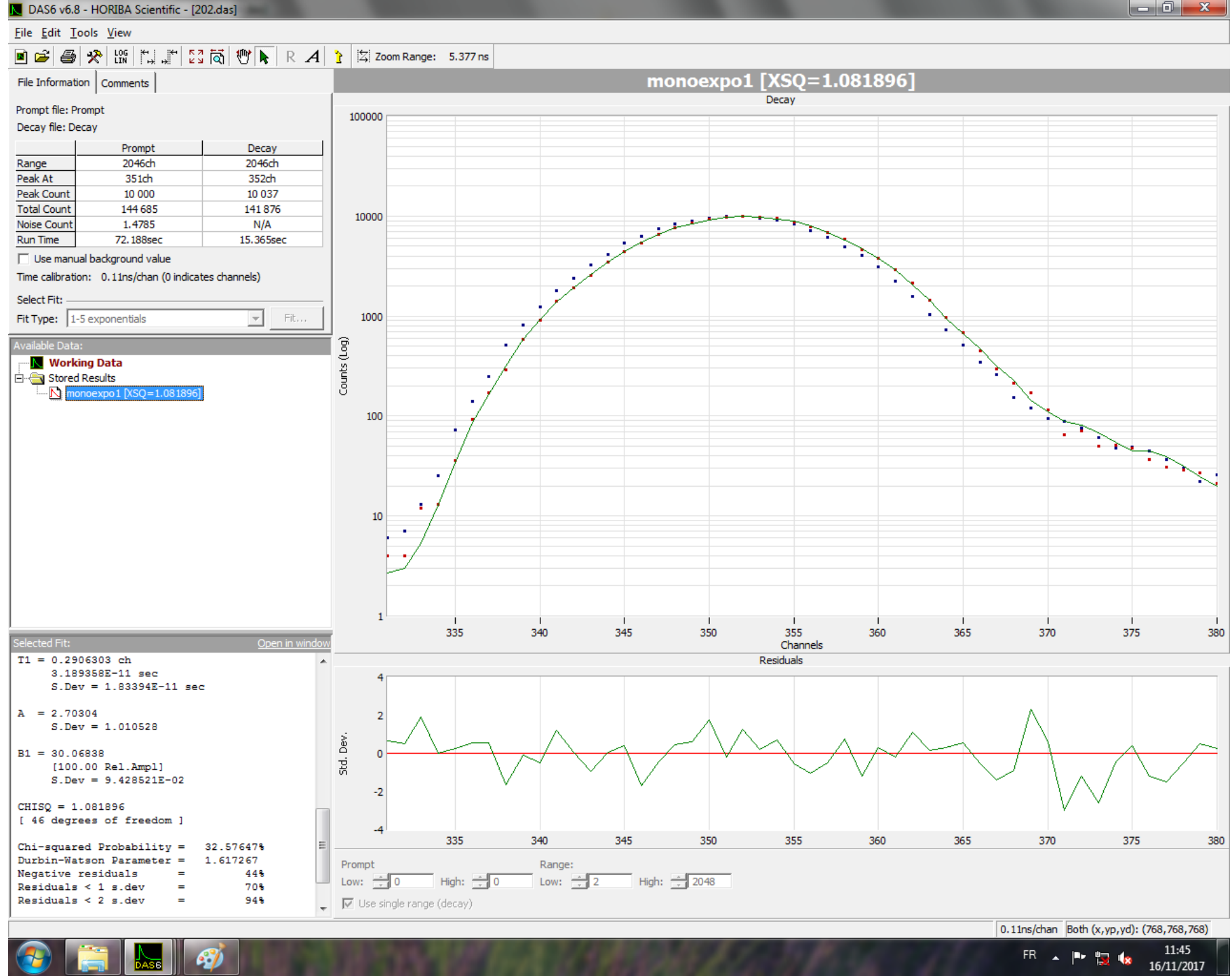
CHISQ = 2.111907  
[ 37 degrees of freedom ]

Chi-squared Probability = 1.0240E-02%  
Durbin-Watson Parameter = 0.9300475  
Negative residuals = 41.46341%

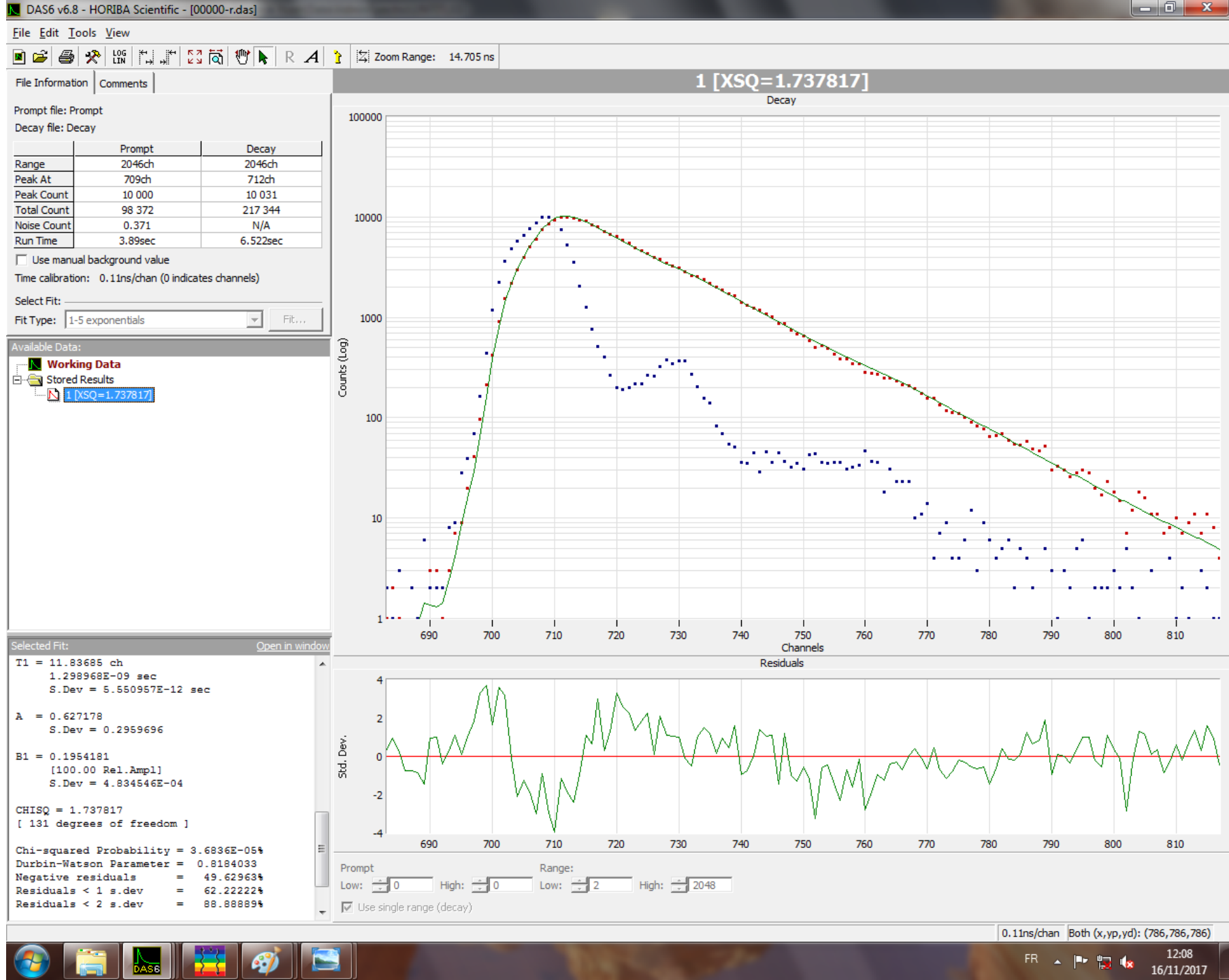
Prompt Low: 0 High: 0 Range: Low: 2 High: 2048  
 Use single range (decay)

0.11ns/channel Both (x,yp,yd): (786,786,786)

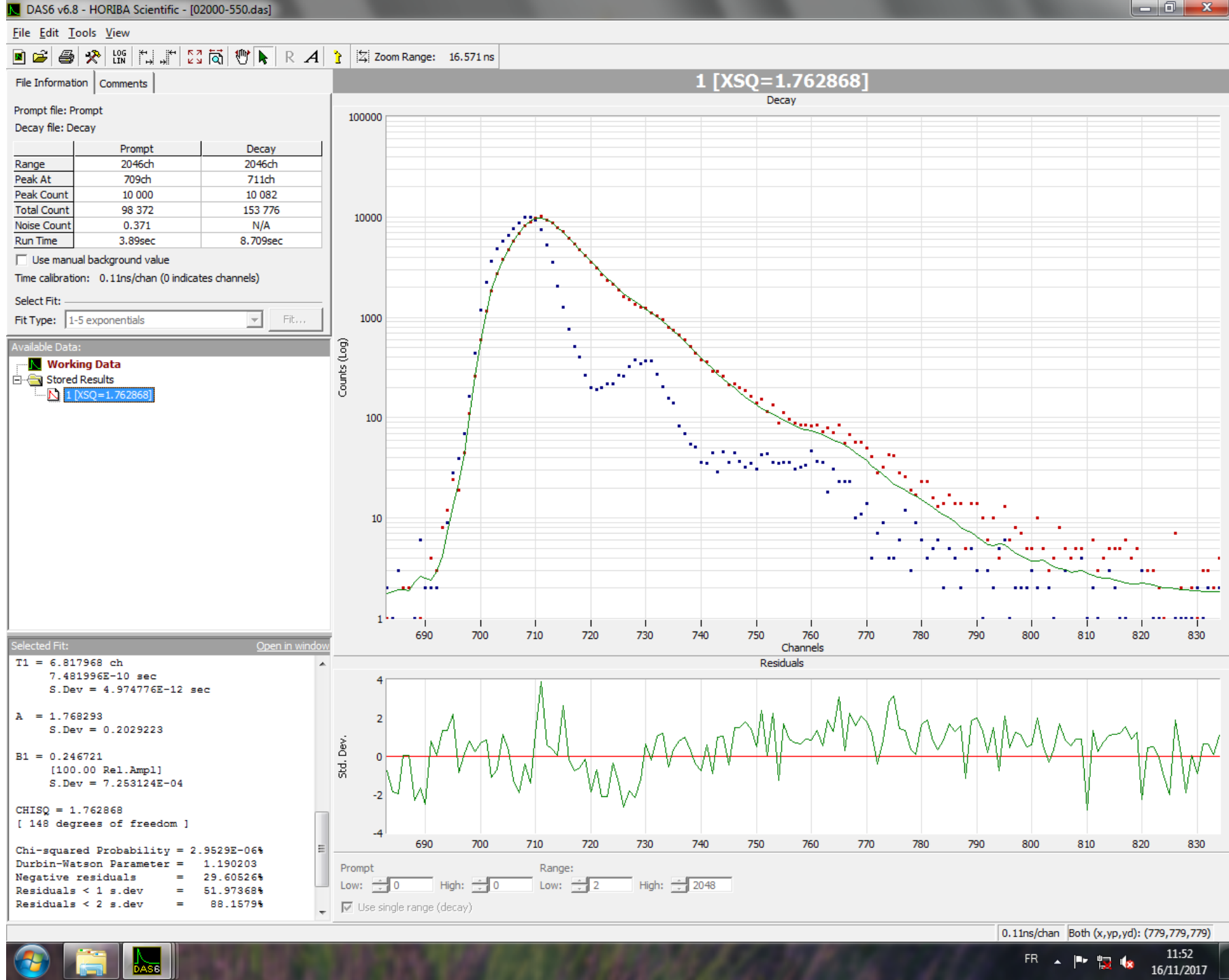
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16/11/2017



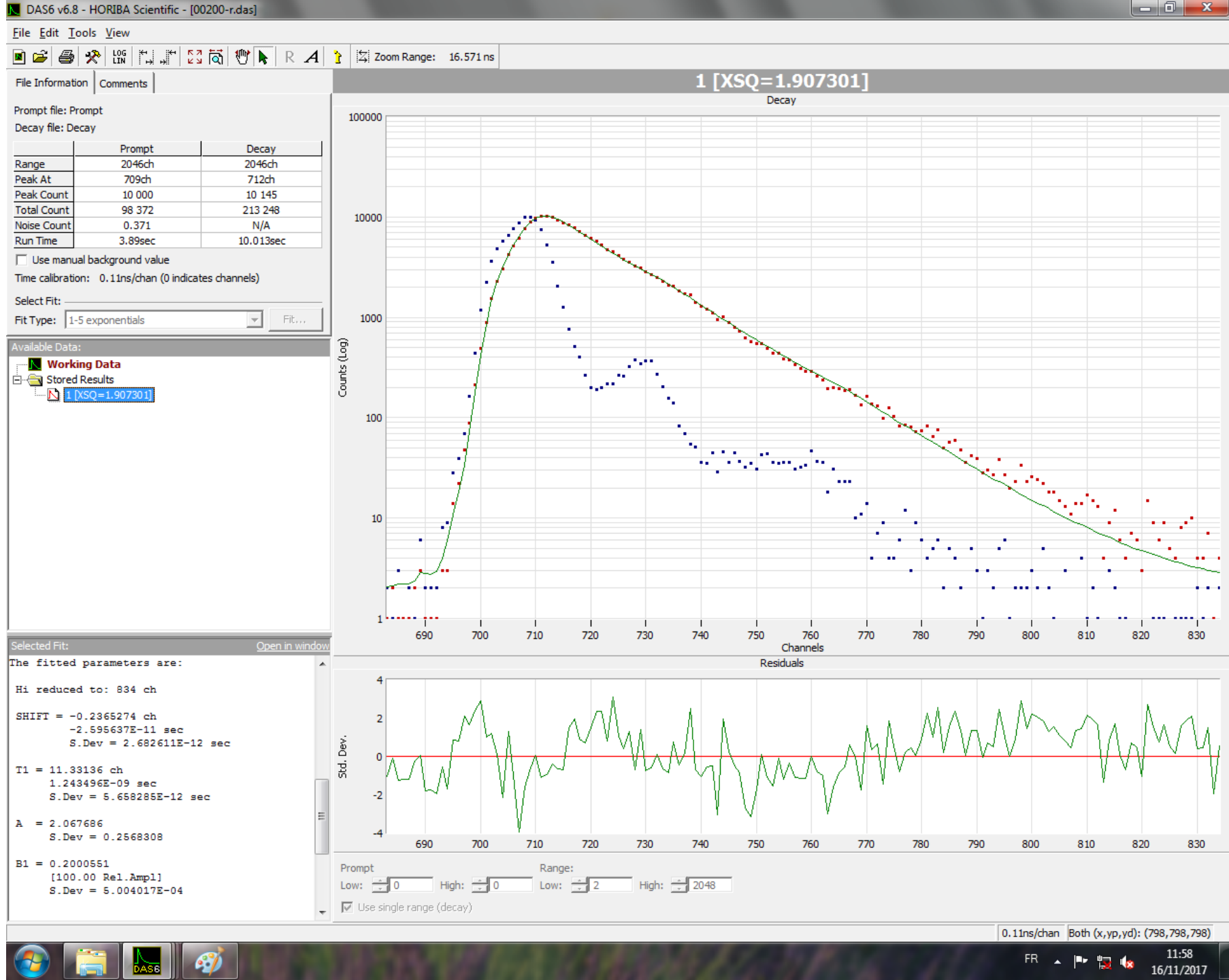
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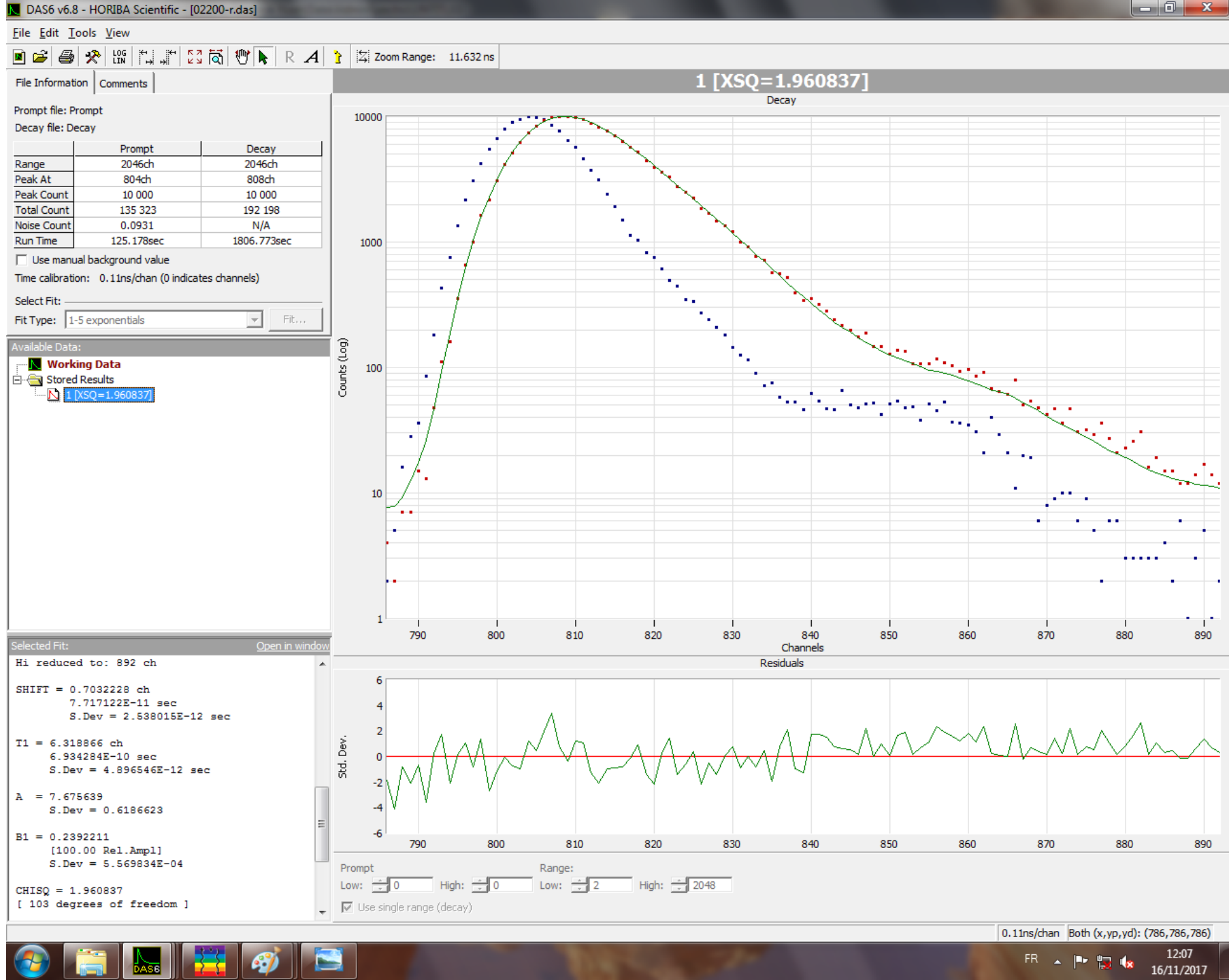
02000



00200

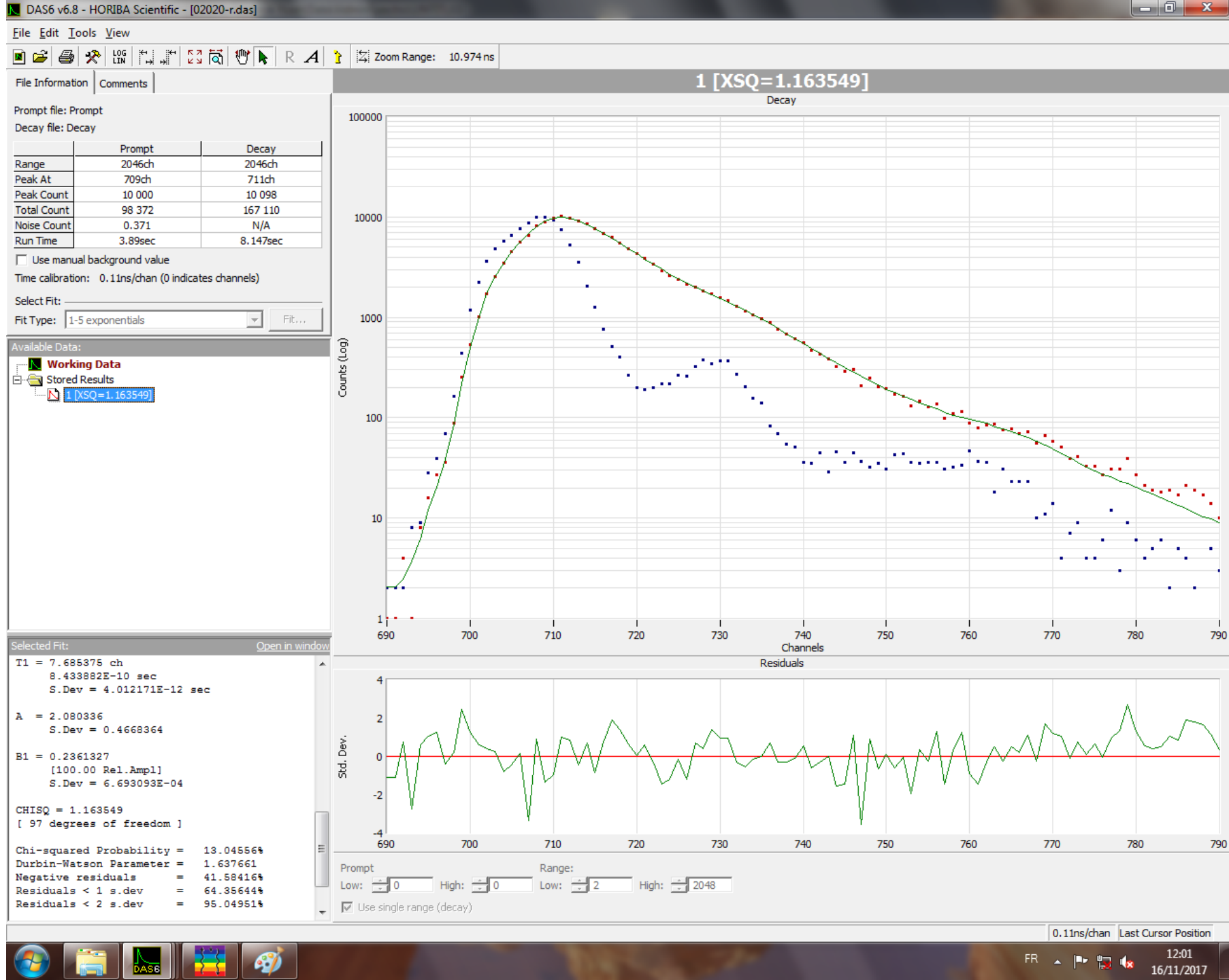


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