Assay Class:	High Sensitivity DNA Assay	Created: 5/16/2014 2:33:05 PM
Data Path:	C:\... bioanalyzer\2100 expert\Data\2014-05-16\2014-05-16_005.xad	Modified: 5/16/2014 3:49:13 PM

Electrophoresis File Run Summary

Instrument Information:

Instrument Name:	DE13701086	Firmware:	C.01.069
Serial#:	DE13701086	Type:	G2938B

Assay Information:

Assay Origin Path:	C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class:	High Sensitivity DNA Assay
Version:	1.03
Assay Comments:	Copyright © 2003-2010 Agilent Technologies

Chip Information:

Chip Lot #:

Reagent Kit Lot #:
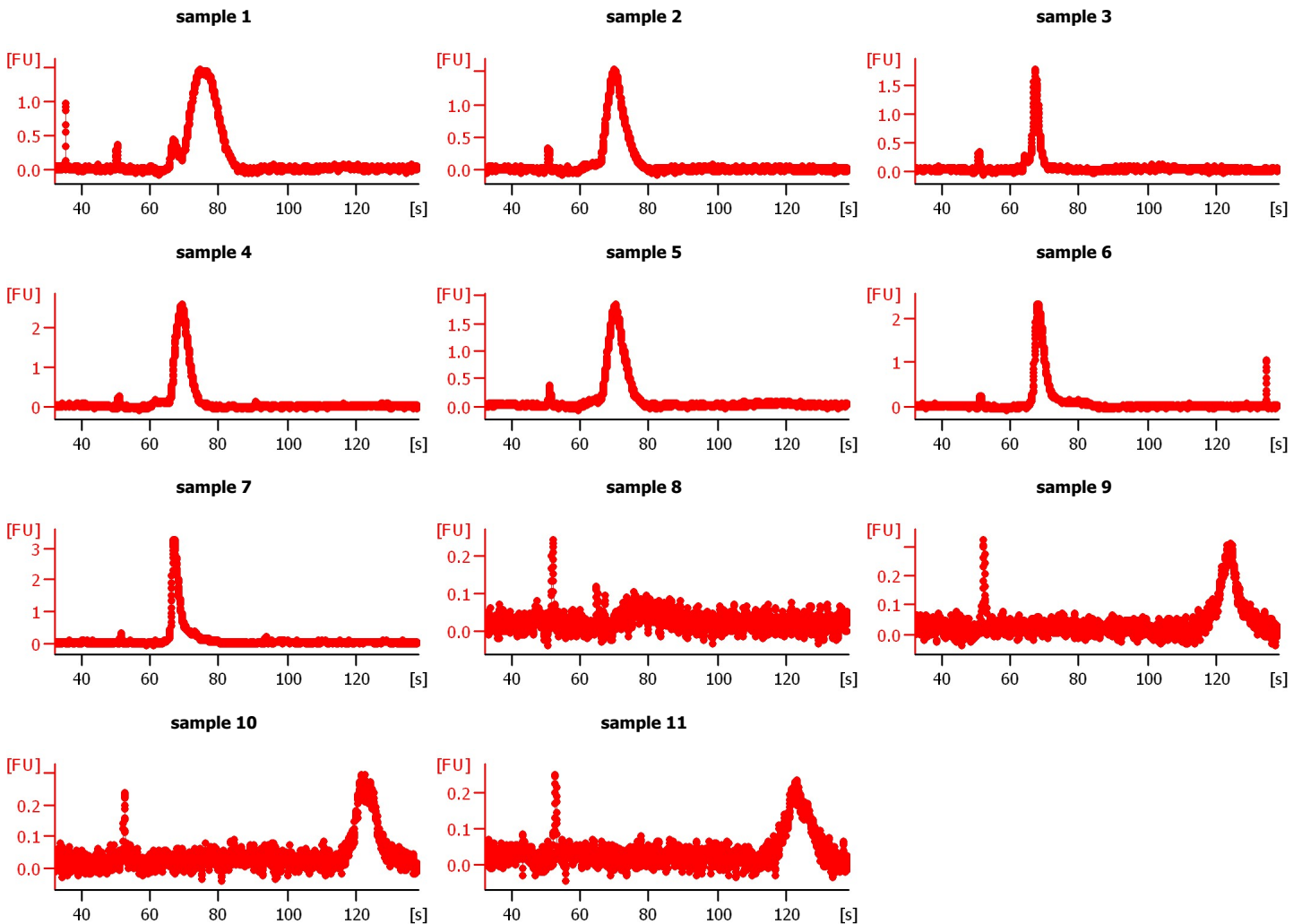
Chip Comments:

sample 1

sample 2

sample 3

sample 4

sample 5

sample 6

sample 7

sample 8

sample 9

sample 10

sample 11

| Assay Class: | High Sensitivity DNA Assay | Created: | 5/16/2014 2:33:05 PM |
| Data Path: | C:\... bioanalyzer\2100 expert\Data\2014-05-16\2014-05-16_005.xad | Modified: | 5/16/2014 3:49:13 PM |

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
sample 1		☐	✔			
sample 2		☐	✔			
sample 3		☐	✔			
sample 4		☐	✔			
sample 5		☐	✔			
sample 6		☐	✔			
sample 7		☐	✔			
sample 8		☐	✔			
sample 9		☐	✔			
sample 10		☐	✔			
sample 11		☐	✔			
Ladder		☐	✔			

Chip Lot #   **Reagent Kit Lot #**

Chip Comments :

Assay Class:	High Sensitivity DNA Assay	Created: 5/16/2014 2:33:05 PM
Data Path:	C:\... bioanalyzer\2100 expert\Data\2014-05-16\2014-05-16_005.xad	Modified: 5/16/2014 3:49:13 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 32
Maximum Visible Range [s] : 138
Start Analysis Time Range [s] : 33
End Analysis Time Range [s] : 137.5
Ladder Concentration [pg/µl] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/µl] : 125
Upper Marker Concentration [pg/µl] : 75
Used Upper Marker for Quantitation
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 33.05
Integration End Time [s] : 137
Slope Threshold : 0.8
Height Threshold [FU] : 5
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

Ladder

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-16\2014-05-16_005.xad

Created: 5/16/2014 2:33:05 PM
Modified: 5/16/2014 3:49:13 PM

Electropherogram Summary
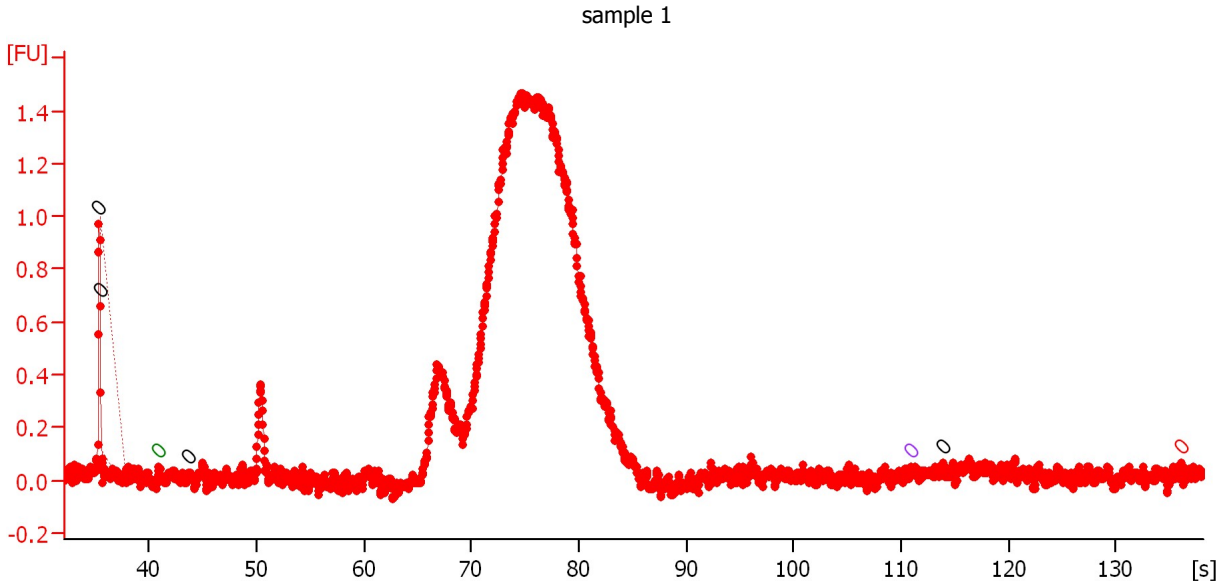
Overall Results for sample 1 :   sample 1

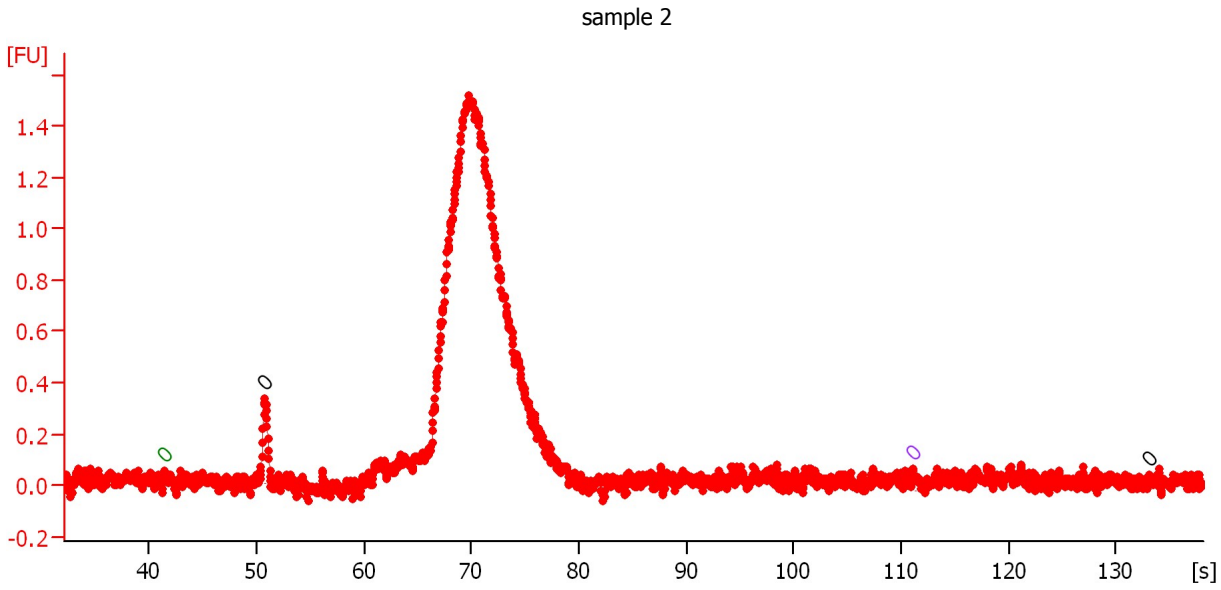Number of peaks found: 0   Noise: 0.0

Peak table for sample 1 :   sample 1

Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1		0	0.00	0.0	
2		0	0.00	0.0	
3	🔒	0	0.00	0.0	Lower Marker
4		0	0.00	0.0	
5	🔒	0	0.00	0.0	Upper Marker
6		0	0.00	0.0	
7		0	0.00	0.0	excluded peak

Assay Class: High Sensitivity DNA Assay   Created: 5/16/2014 2:33:05 PM
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-16\2014-05-16_005.xad   Modified: 5/16/2014 3:49:13 PM

Electropherogram Summary Continued ...

sample 2

Overall Results for sample 2 :   sample 2

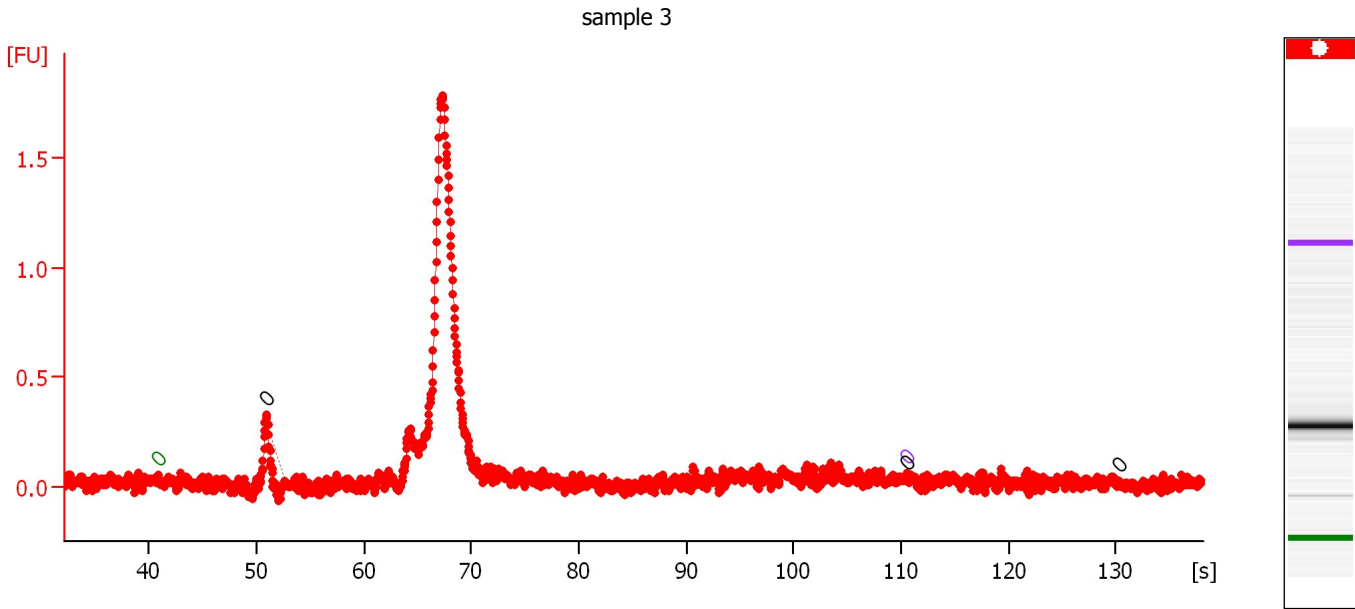Number of peaks found: 0   Noise: 0.0

Peak table for sample 2 :   sample 2

Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1	🔒	0	0.00	0.0	Lower Marker
2		0	0.00	0.0	
3	🔒	0	0.00	0.0	Upper Marker
4		0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay   Created: 5/16/2014 2:33:05 PM
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-16\2014-05-16_005.xad   Modified: 5/16/2014 3:49:13 PM

Electropherogram Summary Continued ...

sample 3

Overall Results for sample 3 :   sample 3

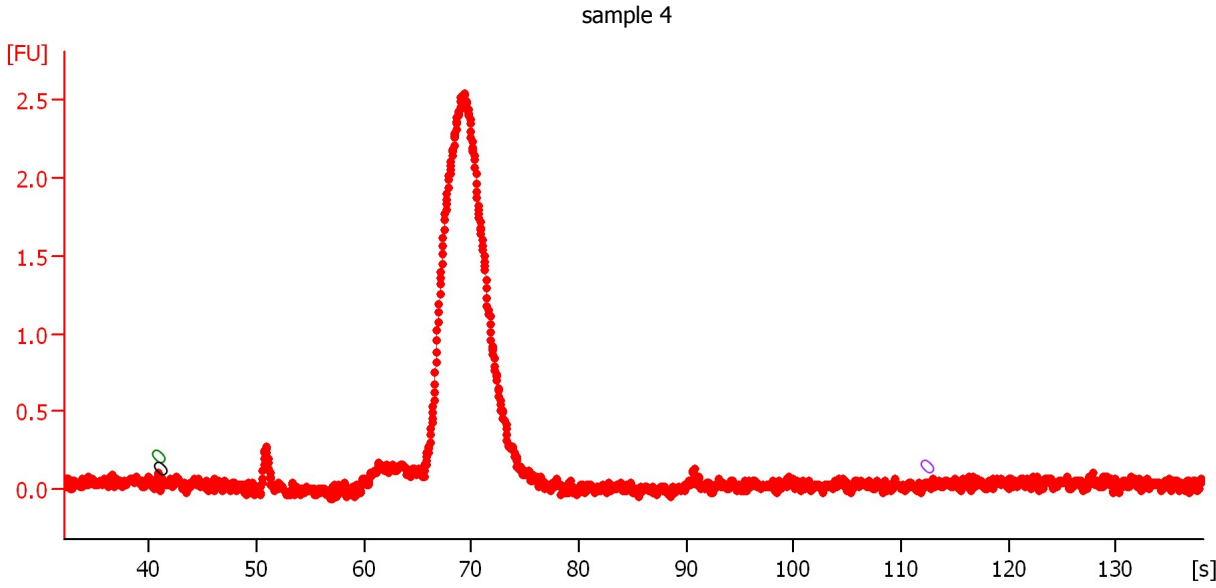Number of peaks found: 0   Noise: 0.0

Peak table for sample 3 :   sample 3

Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1		0	0.00	0.0	Lower Marker
2		0	0.00	0.0	
3		0	0.00	0.0	Upper Marker
4		0	0.00	0.0	
5		0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-16\2014-05-16_005.xad

Created: 5/16/2014 2:33:05 PM
Modified: 5/16/2014 3:49:13 PM

Electropherogram Summary Continued ...

sample 4

Overall Results for sample 4 :   sample 4

Number of peaks found:	0	Noise:	0.0

Peak table for sample 4 :   sample 4

Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1		0	0.00	0.0	Lower Marker
2		0	0.00	0.0	
3		0	0.00	0.0	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-16\2014-05-16_005.xad

Created: 5/16/2014 2:33:05 PM
Modified: 5/16/2014 3:49:13 PM

Electropherogram Summary Continued ...

sample 5

Overall Results for sample 5 :   sample 5

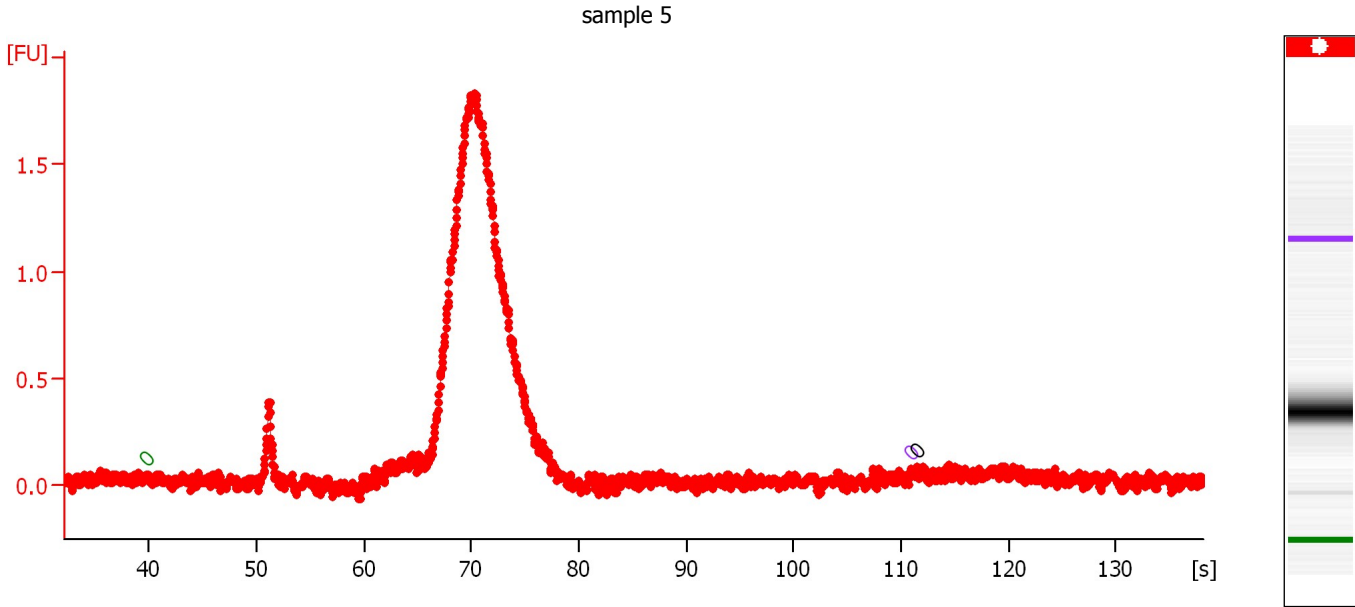Number of peaks found: 0   Noise: 0.0
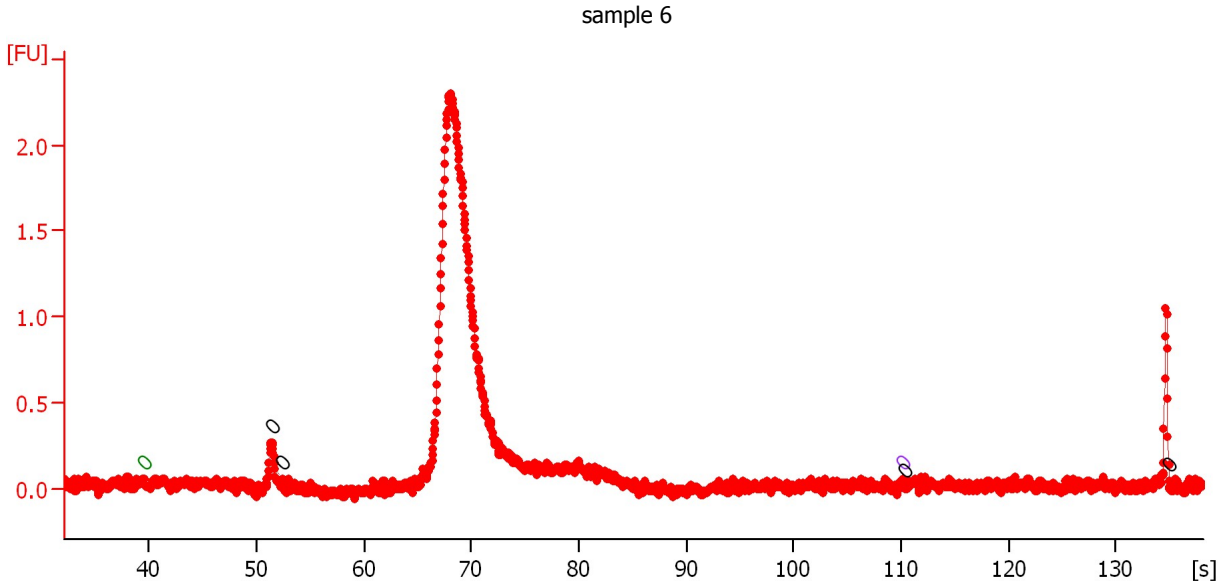
Peak table for sample 5 :   sample 5

Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1		0	0.00	0.0	Lower Marker
2		0	0.00	0.0	Upper Marker
3		0	0.00	0.0	

Electropherogram Summary Continued ...

sample 6

Overall Results for sample 6 :   sample 6

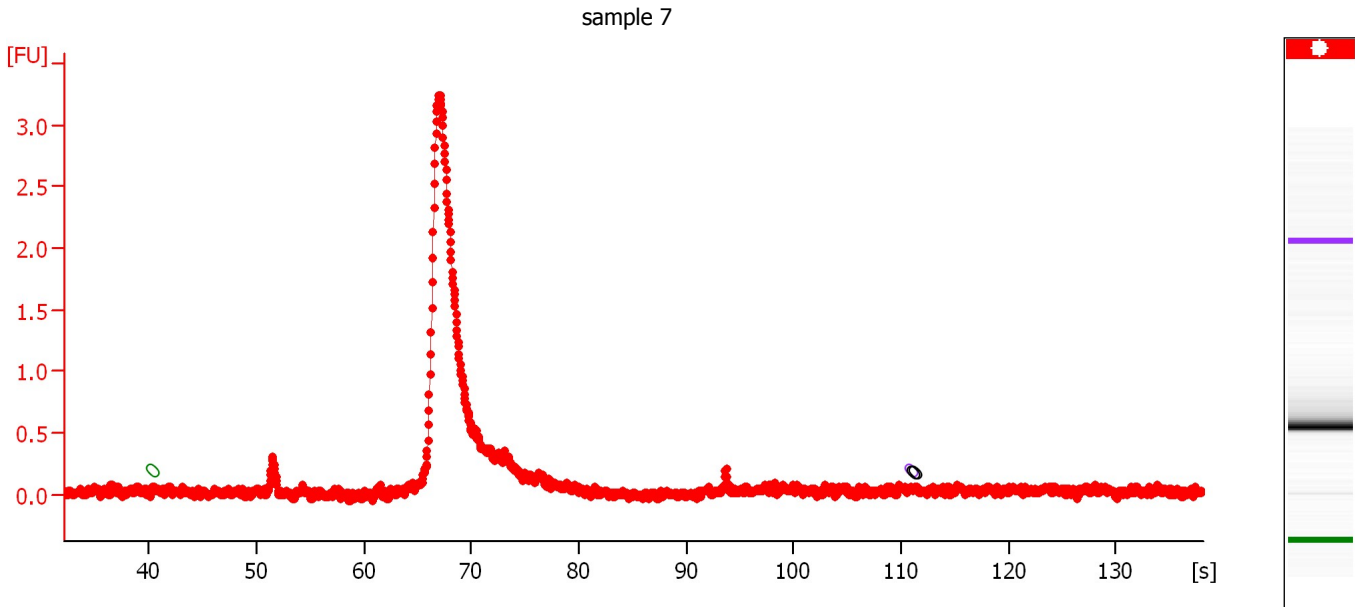Number of peaks found: 0   Noise: 0.0

Peak table for sample 6 :   sample 6

Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1	🔒	0	0.00	0.0	Lower Marker
2		0	0.00	0.0	
3		0	0.00	0.0	
4	🔒	0	0.00	0.0	Upper Marker
5		0	0.00	0.0	
6		0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-16\2014-05-16_005.xad

Created: 5/16/2014 2:33:05 PM
Modified: 5/16/2014 3:49:13 PM

Electropherogram Summary Continued ...

sample 7

Overall Results for sample 7 :   **sample 7**

Number of peaks found:	0	Noise:	0.0

Peak table for sample 7 :   **sample 7**

Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1	◀🔒	0	0.00	0.0	Lower Marker
2	▶🔒	0	0.00	0.0	Upper Marker
3		0	0.00	0.0	
4		0	0.00	0.0	

Assay Class: High Sensitivity DNA Assay   Created: 5/16/2014 2:33:05 PM
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-16\2014-05-16_005.xad   Modified: 5/16/2014 3:49:13 PM

Electropherogram Summary Continued ...

sample 8

Overall Results for sample 8 :   sample 8

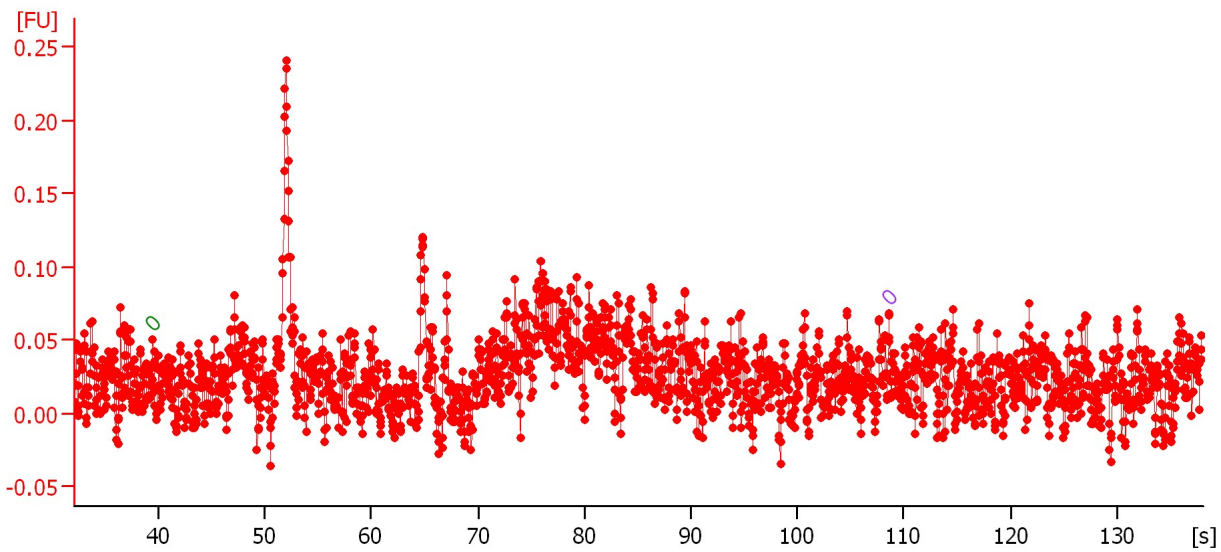Number of peaks found: 0   Noise: 0.0
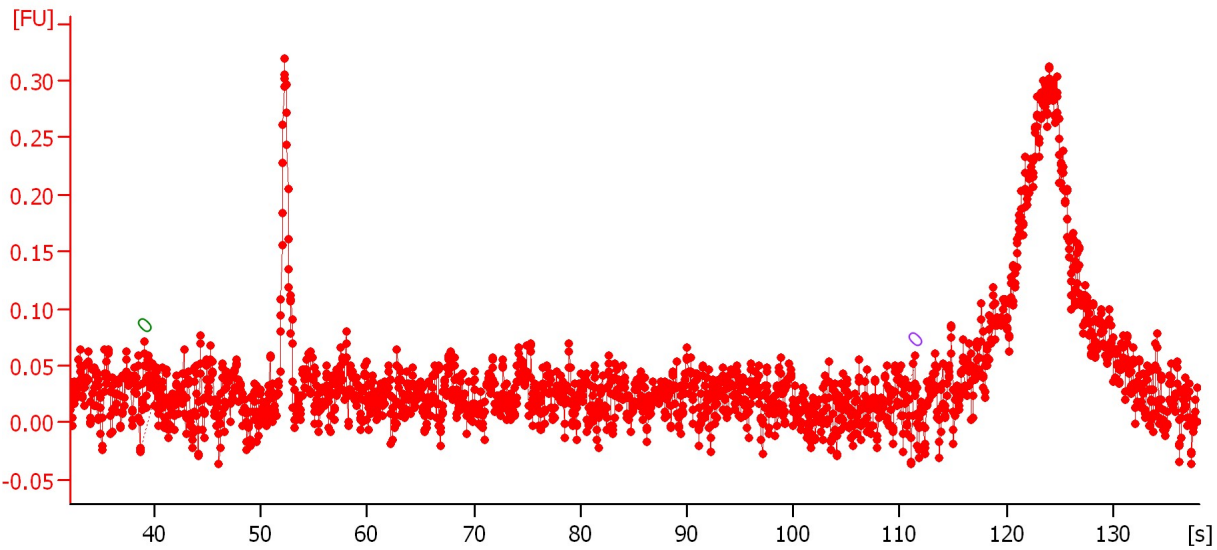

Peak table for sample 8 :   sample 8

Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1		0	0.00	0.0	Lower Marker
2		0	0.00	0.0	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-16\2014-05-16_005.xad

Created: 5/16/2014 2:33:05 PM
Modified: 5/16/2014 3:49:13 PM

Electropherogram Summary Continued ...

sample 9

Overall Results for sample 9 :   <u>sample 9</u>

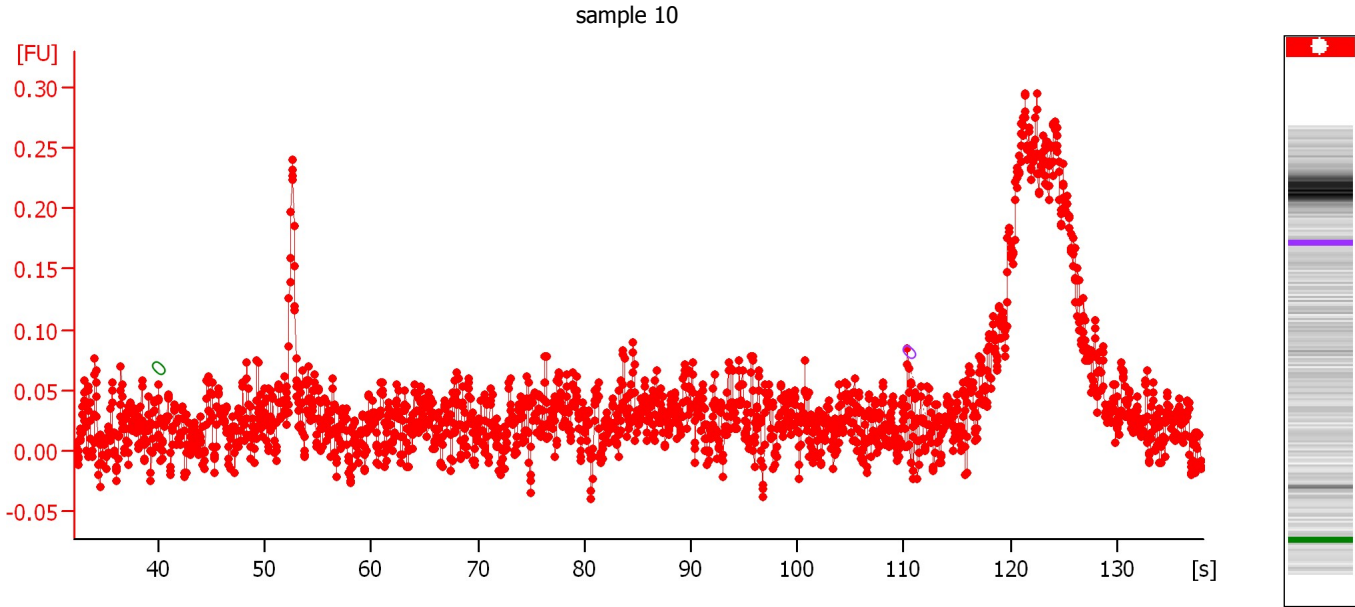Number of peaks found: 0   Noise: 0.0

Peak table for sample 9 :   <u>sample 9</u>

Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1		0	0.00	0.0	Lower Marker
2		0	0.00	0.0	Upper Marker

Electropherogram Summary Continued ...

sample 10

Overall Results for sample 10 :   sample 10

Number of peaks found:	0	Noise:	0.0

Peak table for sample 10 :   sample 10

Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1		0	0.00	0.0	Lower Marker
2		0	0.00	0.0	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-16\2014-05-16_005.xad

Created: 5/16/2014 2:33:05 PM
Modified: 5/16/2014 3:49:13 PM

Electropherogram Summary Continued ...

sample 11

Overall Results for sample 11 : ___sample 11___

Number of peaks found: 0   Noise: 0.0
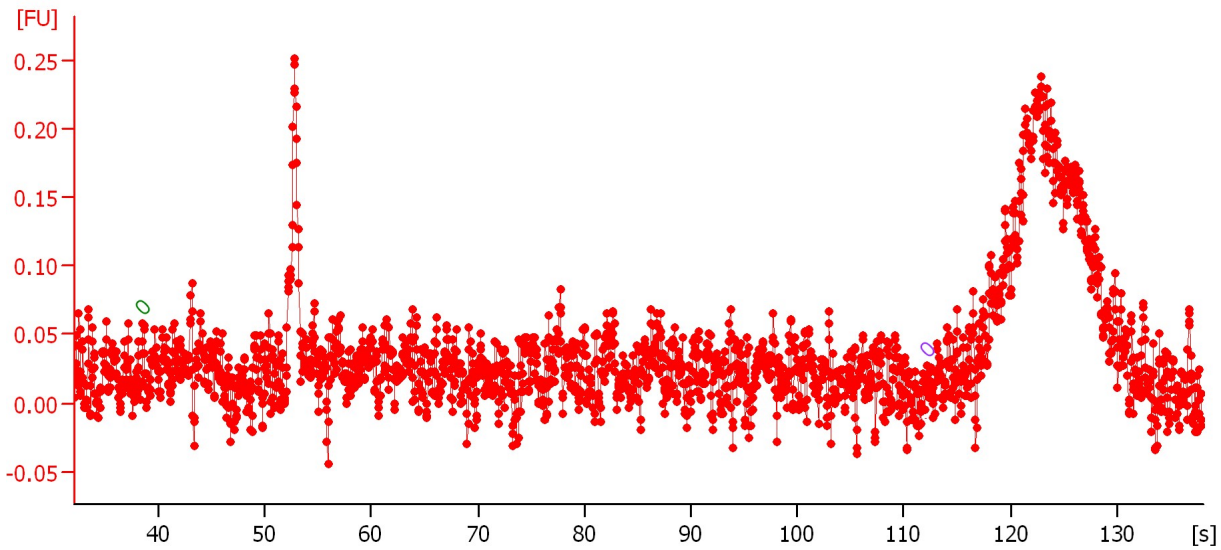
Peak table for sample 11 : ___sample 11___

Peak		Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
1		0	0.00	0.0	Lower Marker
2		0	0.00	0.0	Upper Marker

Assay Class:	High Sensitivity DNA Assay
Data Path:	C:\... bioanalyzer\2100 expert\Data\2014-05-16\2014-05-16_005.xad

Created:	5/16/2014 2:33:05 PM
Modified:	5/16/2014 3:49:13 PM

Gel Image