

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
Modified: 12/20/2017 12:09:22 PM

Electrophoresis File Run Summary

Instrument Information:

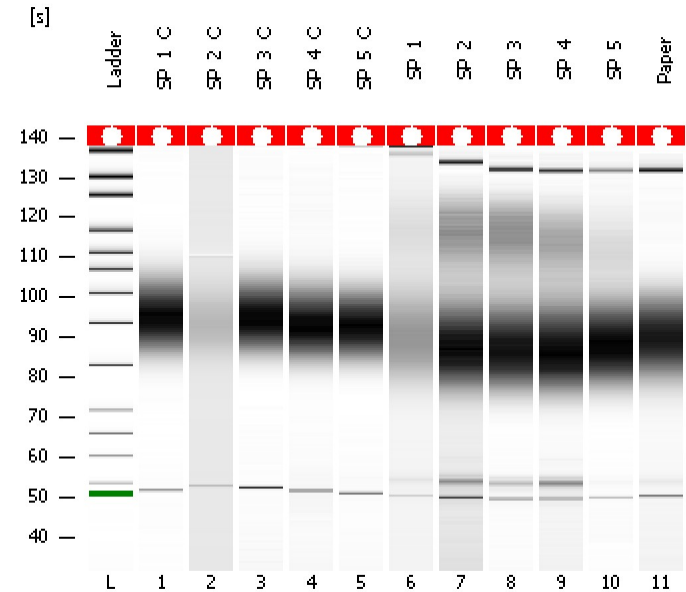
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:

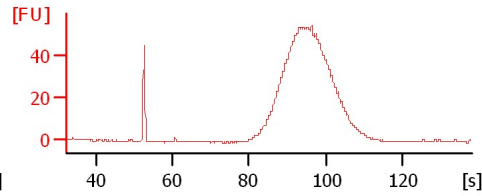
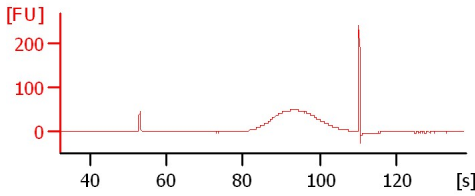
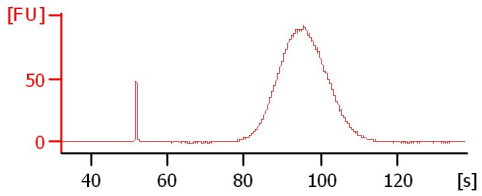
Chip Lot #:
Reagent Kit Lot #:
Chip Comments:



SP_1_C

SP_2_C

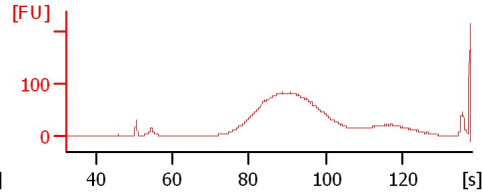
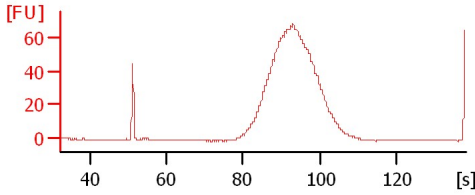
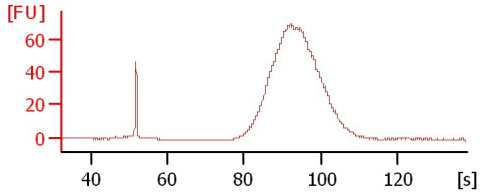
SP_3_C



SP_4_C

SP_5_C

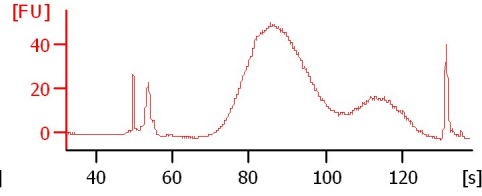
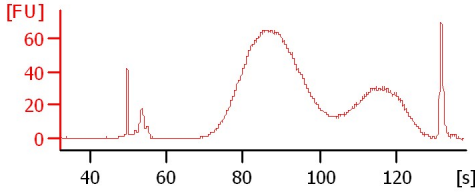
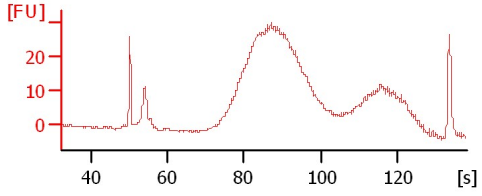
SP_1



SP_2

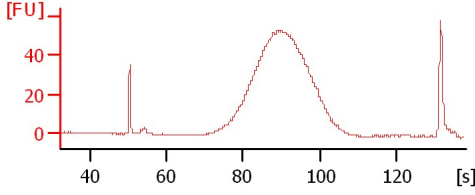
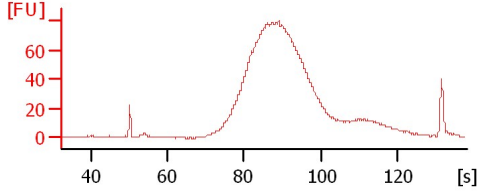
SP_3

SP_4



SP_5

Paper



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
Modified: 12/20/2017 12:09:22 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
SP_1_C		<input type="checkbox"/>	✓			
SP_2_C		<input type="checkbox"/>	✓			
SP_3_C		<input type="checkbox"/>	✓			
SP_4_C		<input type="checkbox"/>	✓			
SP_5_C		<input type="checkbox"/>	✓			
SP_1		<input type="checkbox"/>	✓			
SP_2		<input type="checkbox"/>	✓			
SP_3		<input type="checkbox"/>	✓			
SP_4		<input type="checkbox"/>	✓			
SP_5		<input type="checkbox"/>	✓			
Paper		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

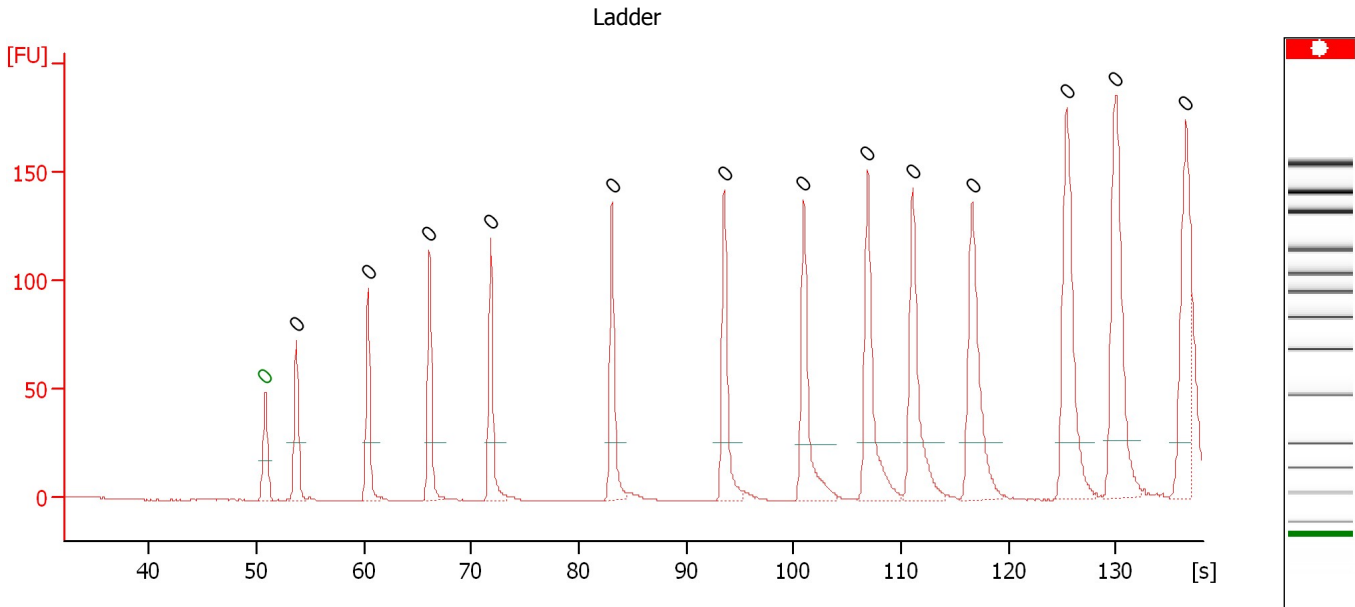
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
 Modified: 12/20/2017 12:09:22 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

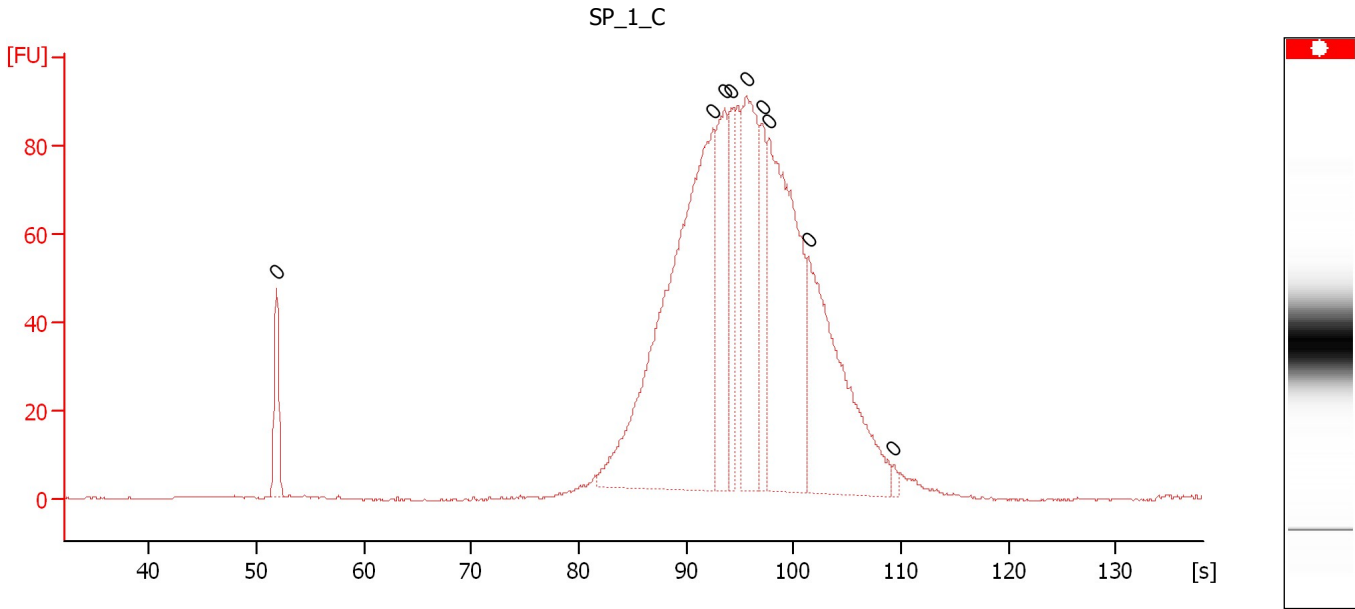
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	50.80
2	0	0.00	0.0	Ladder Peak	53.70
3	0	0.00	0.0	Ladder Peak	60.40
4	0	0.00	0.0	Ladder Peak	66.10
5	0	0.00	0.0	Ladder Peak	71.80
6	0	0.00	0.0	Ladder Peak	83.10
7	0	0.00	0.0	Ladder Peak	93.55
8	0	0.00	0.0	Ladder Peak	100.95
9	0	0.00	0.0	Ladder Peak	106.90
10	0	0.00	0.0	Ladder Peak	111.10
11	0	0.00	0.0	Ladder Peak	116.65
12	0	0.00	0.0	Ladder Peak	125.45
13	0	0.00	0.0	Ladder Peak	129.90
14	0	0.00	0.0	Ladder Peak	136.55

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
Modified: 12/20/2017 12:09:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : SP_1_C

Number of peaks found: 0 Noise: 0.2

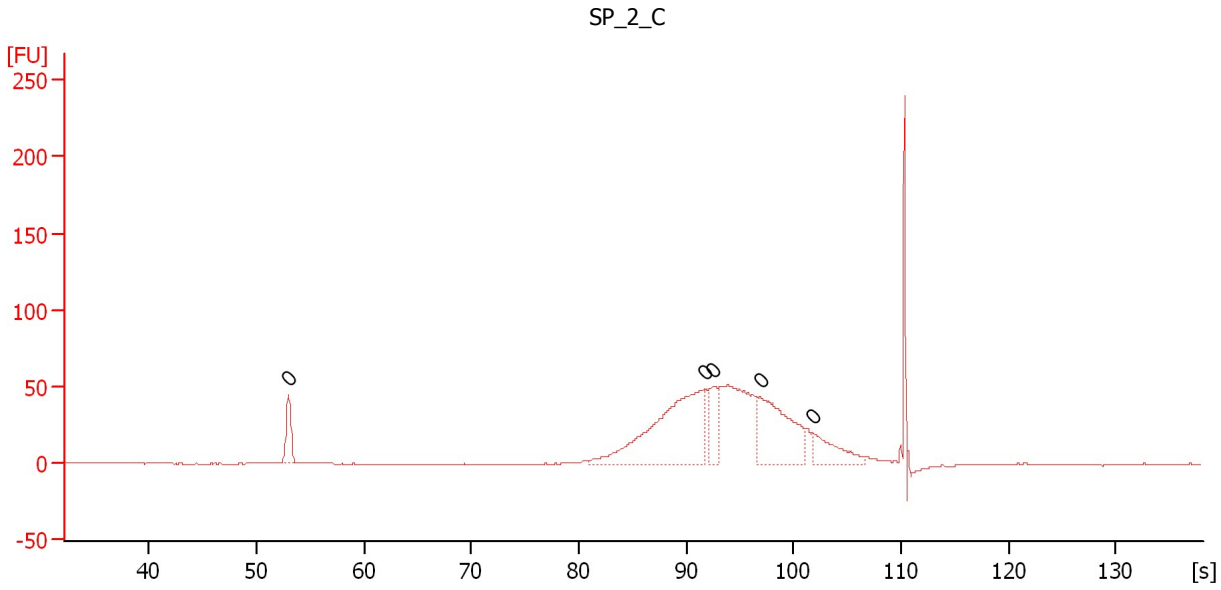
Peak table for sample 1 : SP_1_C

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		51.85
2	0	0.00	0.0		92.50
3	0	0.00	0.0		93.60
4	0	0.00	0.0		94.25
5	0	0.00	0.0		95.65
6	0	0.00	0.0		97.05
7	0	0.00	0.0		97.70
8	0	0.00	0.0		101.40
9	0	0.00	0.0		109.30

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
Modified: 12/20/2017 12:09:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : SP_2_C

Number of peaks found: 0 Noise: 0.2

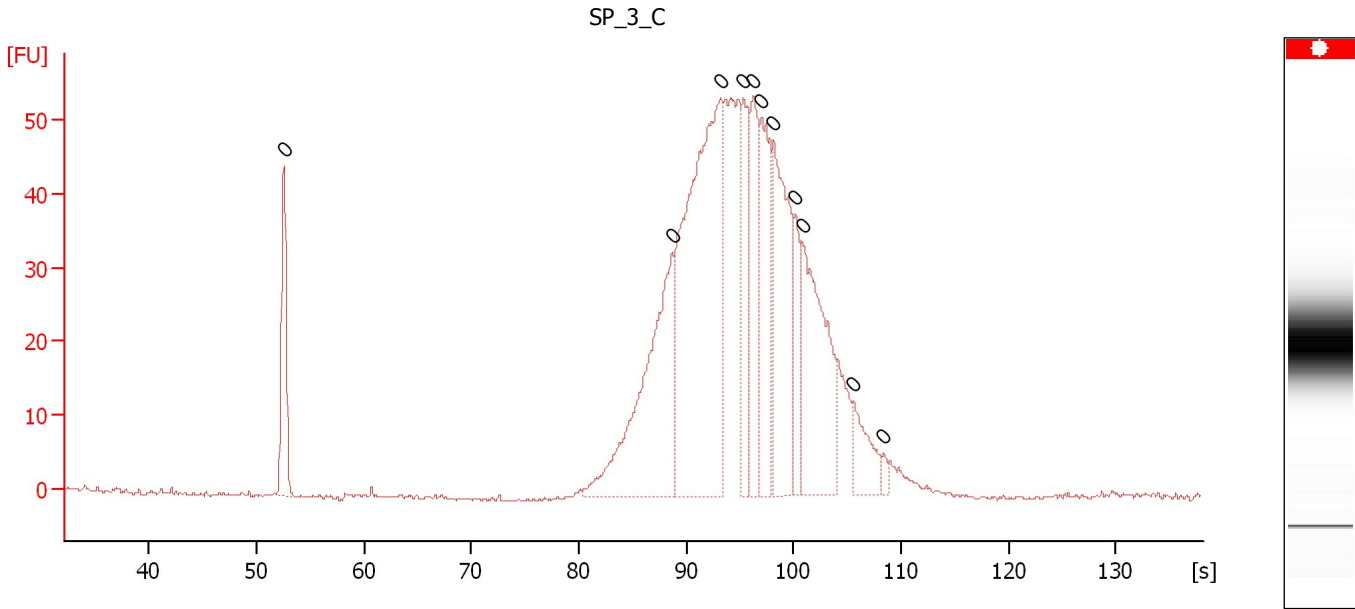
Peak table for sample 2 : SP_2_C

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		53.00
2	0	0.00	0.0		91.70
3	0	0.00	0.0		92.50
4	0	0.00	0.0		96.90
5	0	0.00	0.0		101.85

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
 Modified: 12/20/2017 12:09:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : SP_3_C

Number of peaks found: 0 Noise: 0.2

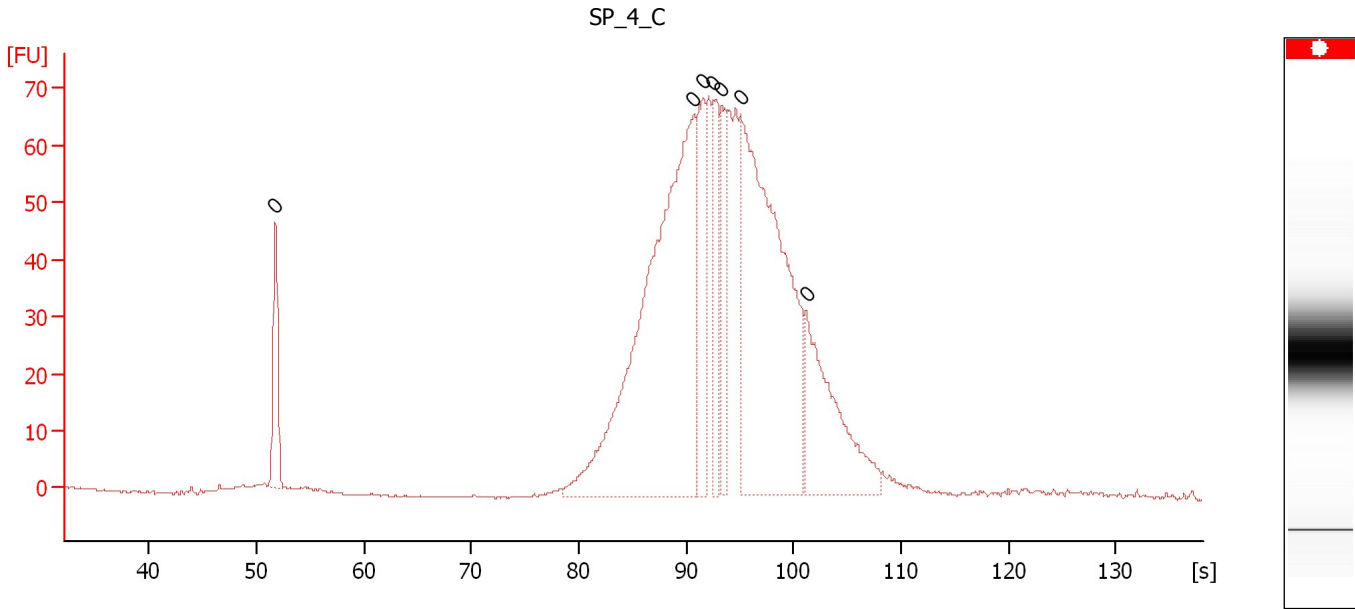
Peak table for sample 3 : SP_3_C

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		52.55
2	0	0.00	0.0		88.70
3	0	0.00	0.0		93.20
4	0	0.00	0.0		95.30
5	0	0.00	0.0		96.25
6	0	0.00	0.0		97.00
7	0	0.00	0.0		98.15
8	0	0.00	0.0		100.15
9	0	0.00	0.0		100.80
10	0	0.00	0.0		105.55
11	0	0.00	0.0		108.40

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
Modified: 12/20/2017 12:09:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : SP_4_C

Number of peaks found: 0 Noise: 0.2

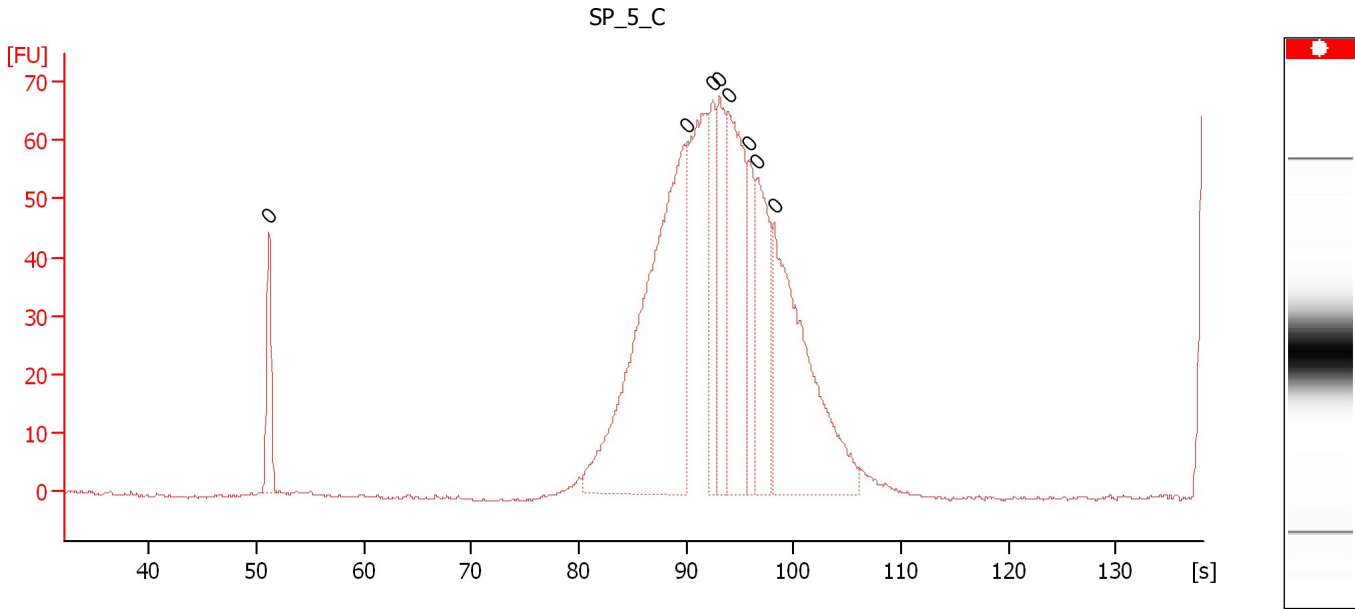
Peak table for sample 4 : SP_4_C

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		51.75
2	0	0.00	0.0		90.70
3	0	0.00	0.0		91.60
4	0	0.00	0.0		92.50
5	0	0.00	0.0		93.30
6	0	0.00	0.0		95.10
7	0	0.00	0.0		101.15

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
 Modified: 12/20/2017 12:09:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : SP_5_C

Number of peaks found: 0 Noise: 0.2

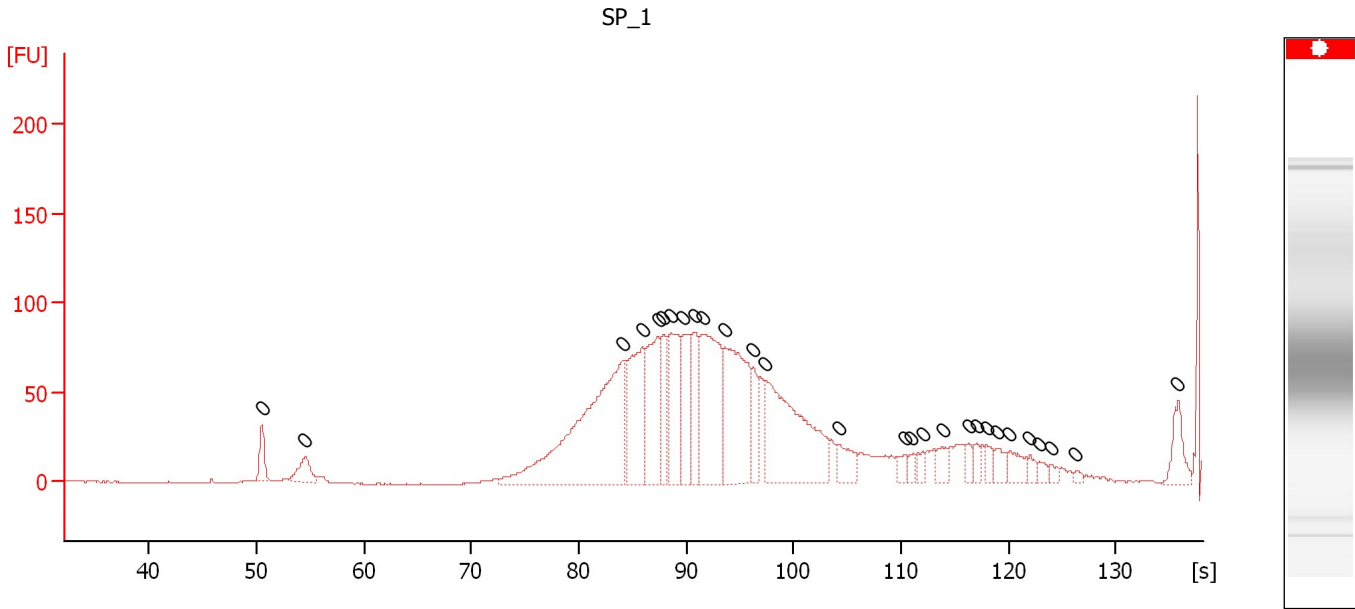
Peak table for sample 5 : SP_5_C

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		51.15
2	0	0.00	0.0		90.05
3	0	0.00	0.0		92.45
4	0	0.00	0.0		93.05
5	0	0.00	0.0		94.00
6	0	0.00	0.0		95.75
7	0	0.00	0.0		96.55
8	0	0.00	0.0		98.20

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
 Modified: 12/20/2017 12:09:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : SP_1

Number of peaks found: 0 Noise: 0.2

Peak table for sample 6 : SP_1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		50.50
2	0	0.00	0.0		54.50
3	0	0.00	0.0		84.05
4	0	0.00	0.0		85.95
5	0	0.00	0.0		87.40
6	0	0.00	0.0		87.80
7	0	0.00	0.0		88.65
8	0	0.00	0.0		89.75
9	0	0.00	0.0		90.80
10	0	0.00	0.0		91.60
11	0	0.00	0.0		93.60
12	0	0.00	0.0		96.25
13	0	0.00	0.0		97.40
14	0	0.00	0.0		104.20
15	0	0.00	0.0		110.35
16	0	0.00	0.0		110.85
17	0	0.00	0.0		112.00
18	0	0.00	0.0		113.90
19	0	0.00	0.0		116.25
20	0	0.00	0.0		117.05
21	0	0.00	0.0		117.95
22	0	0.00	0.0		118.90
23	0	0.00	0.0		120.10
24	0	0.00	0.0		122.00
25	0	0.00	0.0		122.90
26	0	0.00	0.0		124.00
27	0	0.00	0.0		126.30

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
Modified: 12/20/2017 12:09:22 PM

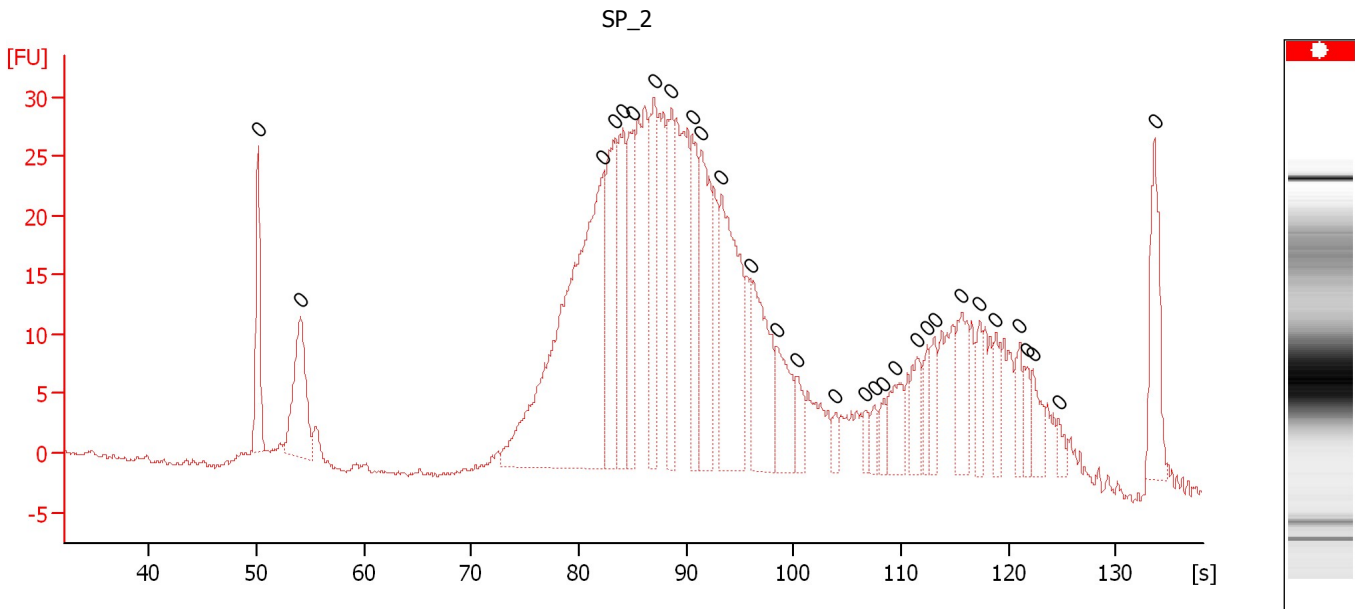
Electropherogram Summary Continued ...**... Peak table for sample 6 : SP 1**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
28	0	0.00	0.0		135.80

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
 Modified: 12/20/2017 12:09:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : SP_2

Number of peaks found: 0 Noise: 0.2

Peak table for sample 7 : SP_2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		50.15
2	0	0.00	0.0		54.10
3	0	0.00	0.0		82.30
4	0	0.00	0.0		83.40
5	0	0.00	0.0		84.10
6	0	0.00	0.0		85.05
7	0	0.00	0.0		87.00
8	0	0.00	0.0		88.65
9	0	0.00	0.0		90.55
10	0	0.00	0.0		91.45
11	0	0.00	0.0		93.30
12	0	0.00	0.0		96.10
13	0	0.00	0.0		98.40
14	0	0.00	0.0		100.25
15	0	0.00	0.0		103.90
16	0	0.00	0.0		106.60
17	0	0.00	0.0		107.50
18	0	0.00	0.0		108.35
19	0	0.00	0.0		109.35
20	0	0.00	0.0		111.45
21	0	0.00	0.0		112.45
22	0	0.00	0.0		113.10
23	0	0.00	0.0		115.65
24	0	0.00	0.0		117.30
25	0	0.00	0.0		118.80
26	0	0.00	0.0		121.05
27	0	0.00	0.0		121.70

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
Modified: 12/20/2017 12:09:22 PM

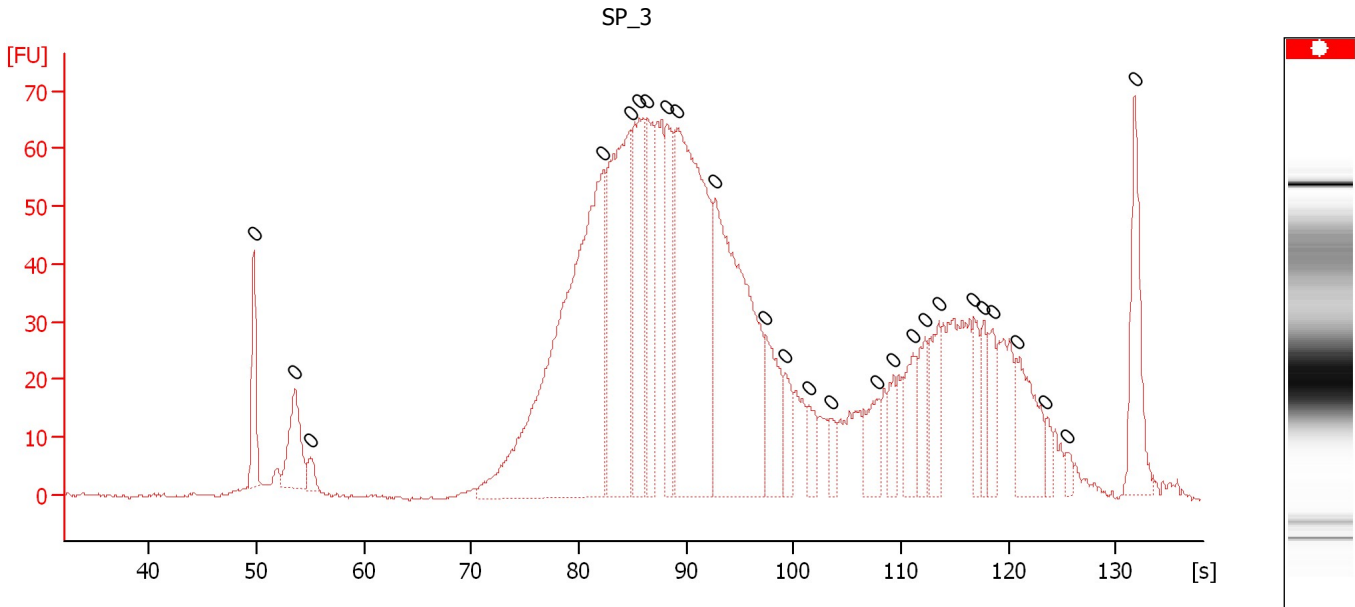
Electropherogram Summary Continued ...**... Peak table for sample 7 : SP 2**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
28	0	0.00	0.0		122.25
29	0	0.00	0.0		124.70
30	0	0.00	0.0		133.60

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
 Modified: 12/20/2017 12:09:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : SP_3

Number of peaks found: 0 Noise: 0.3

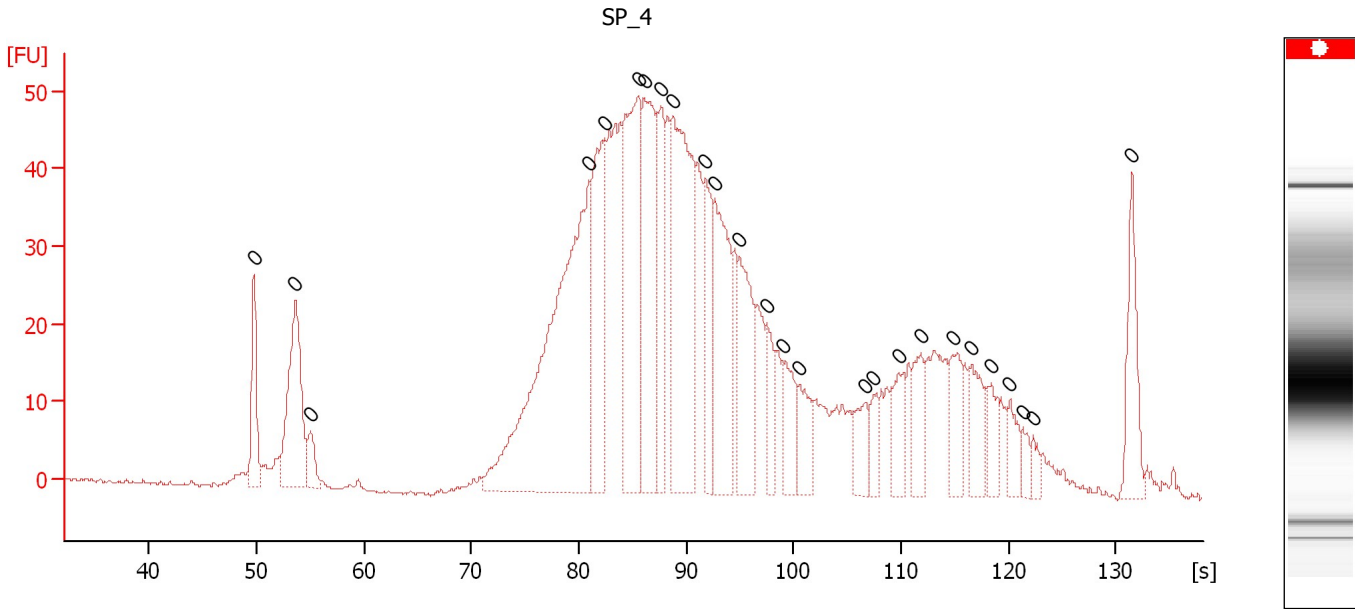
Peak table for sample 8 : SP_3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		49.75
2	0	0.00	0.0		53.55
3	0	0.00	0.0		55.05
4	0	0.00	0.0		82.30
5	0	0.00	0.0		84.80
6	0	0.00	0.0		85.65
7	0	0.00	0.0		86.40
8	0	0.00	0.0		88.25
9	0	0.00	0.0		89.15
10	0	0.00	0.0		92.70
11	0	0.00	0.0		97.40
12	0	0.00	0.0		99.20
13	0	0.00	0.0		101.45
14	0	0.00	0.0		103.45
15	0	0.00	0.0		107.75
16	0	0.00	0.0		109.25
17	0	0.00	0.0		111.10
18	0	0.00	0.0		112.25
19	0	0.00	0.0		113.50
20	0	0.00	0.0		116.75
21	0	0.00	0.0		117.60
22	0	0.00	0.0		118.50
23	0	0.00	0.0		120.75
24	0	0.00	0.0		123.50
25	0	0.00	0.0		125.55
26	0	0.00	0.0		131.75

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
 Modified: 12/20/2017 12:09:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : SP_4

Number of peaks found: 0 Noise: 0.3

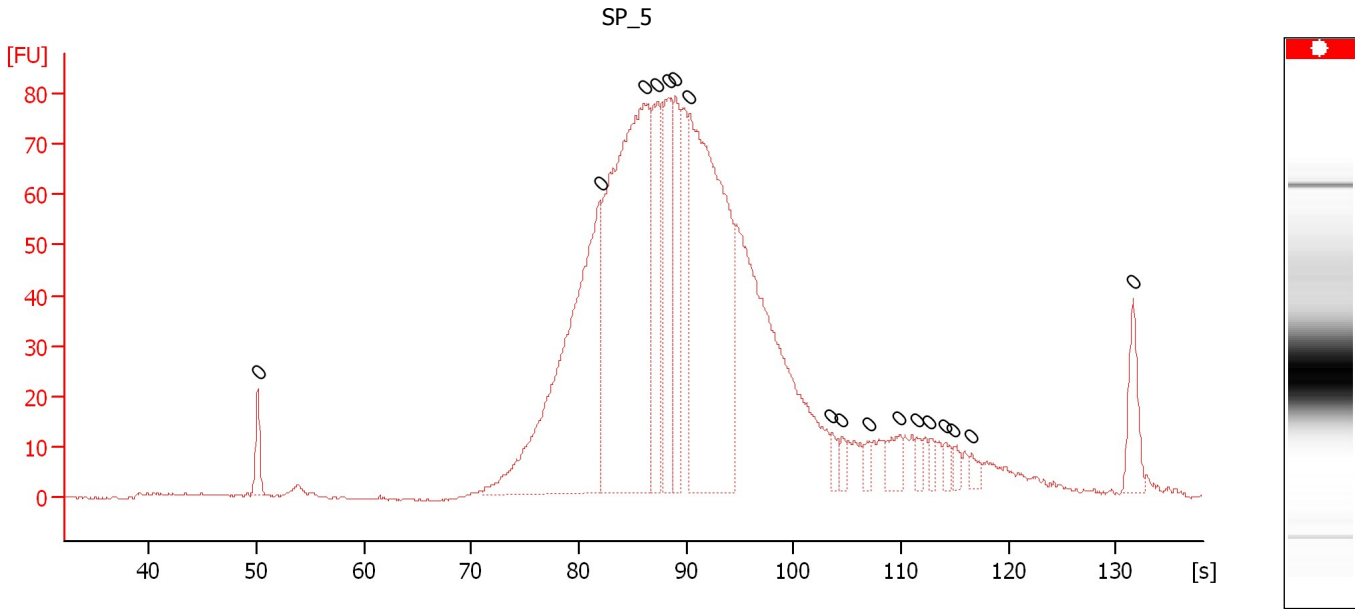
Peak table for sample 9 : SP_4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		49.75
2	0	0.00	0.0		53.60
3	0	0.00	0.0		55.05
4	0	0.00	0.0		80.90
5	0	0.00	0.0		82.35
6	0	0.00	0.0		85.55
7	0	0.00	0.0		86.10
8	0	0.00	0.0		87.65
9	0	0.00	0.0		88.70
10	0	0.00	0.0		91.80
11	0	0.00	0.0		92.65
12	0	0.00	0.0		94.95
13	0	0.00	0.0		97.50
14	0	0.00	0.0		99.05
15	0	0.00	0.0		100.55
16	0	0.00	0.0		106.60
17	0	0.00	0.0		107.40
18	0	0.00	0.0		109.75
19	0	0.00	0.0		111.85
20	0	0.00	0.0		114.85
21	0	0.00	0.0		116.55
22	0	0.00	0.0		118.40
23	0	0.00	0.0		120.15
24	0	0.00	0.0		121.40
25	0	0.00	0.0		122.30
26	0	0.00	0.0		131.50

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
 Modified: 12/20/2017 12:09:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : SP_5

Number of peaks found: 0 Noise: 0.2

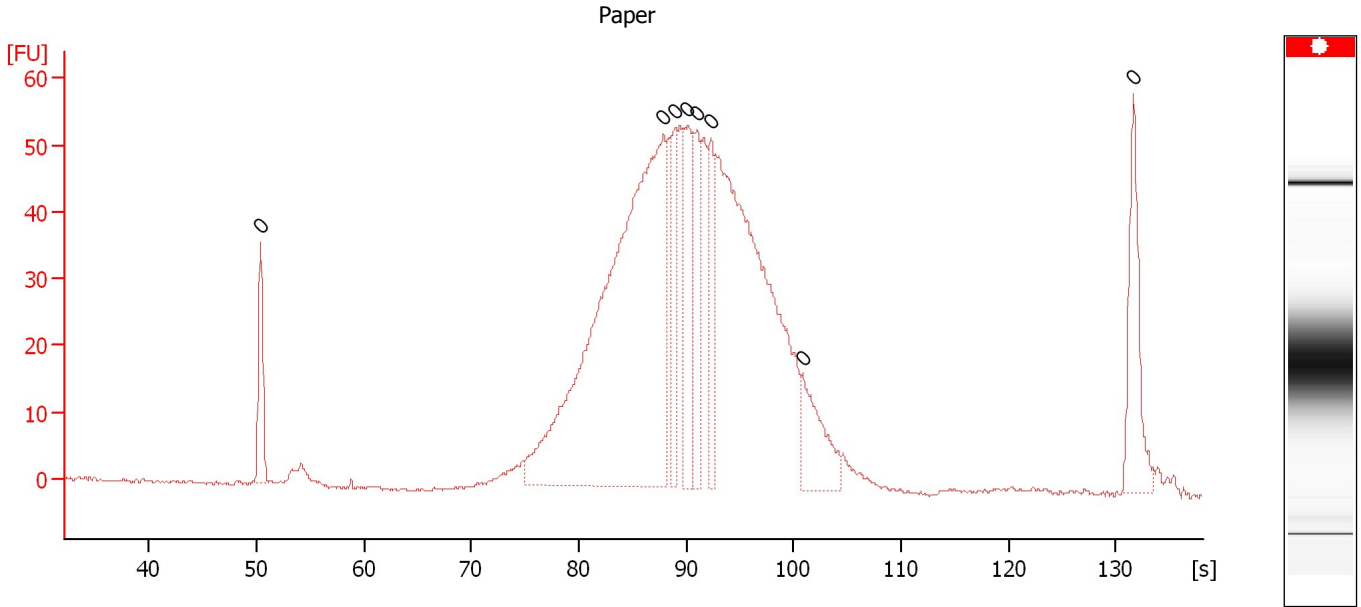
Peak table for sample 10 : SP_5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		50.10
2	0	0.00	0.0		81.95
3	0	0.00	0.0		86.10
4	0	0.00	0.0		87.35
5	0	0.00	0.0		88.35
6	0	0.00	0.0		89.00
7	0	0.00	0.0		90.25
8	0	0.00	0.0		103.55
9	0	0.00	0.0		104.50
10	0	0.00	0.0		107.00
11	0	0.00	0.0		109.85
12	0	0.00	0.0		111.45
13	0	0.00	0.0		112.70
14	0	0.00	0.0		114.15
15	0	0.00	0.0		114.90
16	0	0.00	0.0		116.60
17	0	0.00	0.0		131.60

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
Modified: 12/20/2017 12:09:22 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : Paper

Number of peaks found: 0 Noise: 0.2

Peak table for sample 11 : Paper

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		50.40
2	0	0.00	0.0		87.90
3	0	0.00	0.0		88.95
4	0	0.00	0.0		90.10
5	0	0.00	0.0		90.95
6	0	0.00	0.0		92.30
7	0	0.00	0.0		100.80
8	0	0.00	0.0		131.65

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-12-20\2017-12-20_001.xad

Created: 12/20/2017 11:21:19 AM
Modified: 12/20/2017 12:09:22 PM

Gel Image

