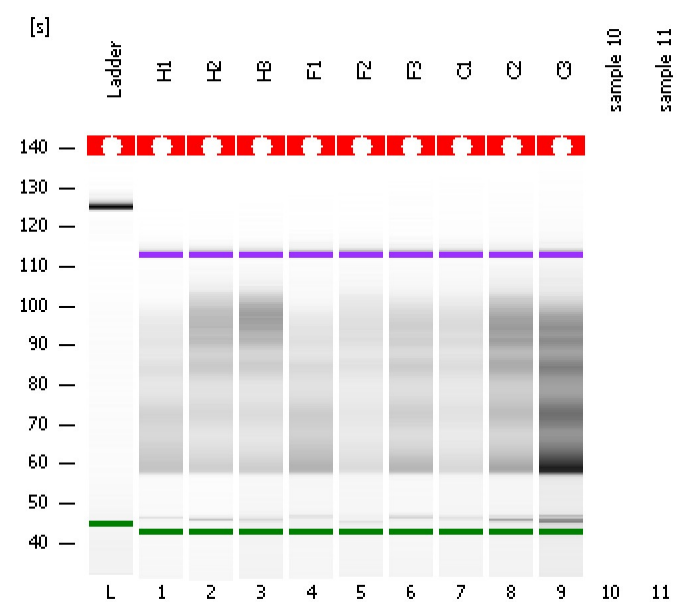


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

Created: 3/19/2018 11:03:20 AM
Modified: 3/19/2018 11:38:53 AM

Electrophoresis File Run Summary



Instrument Information:

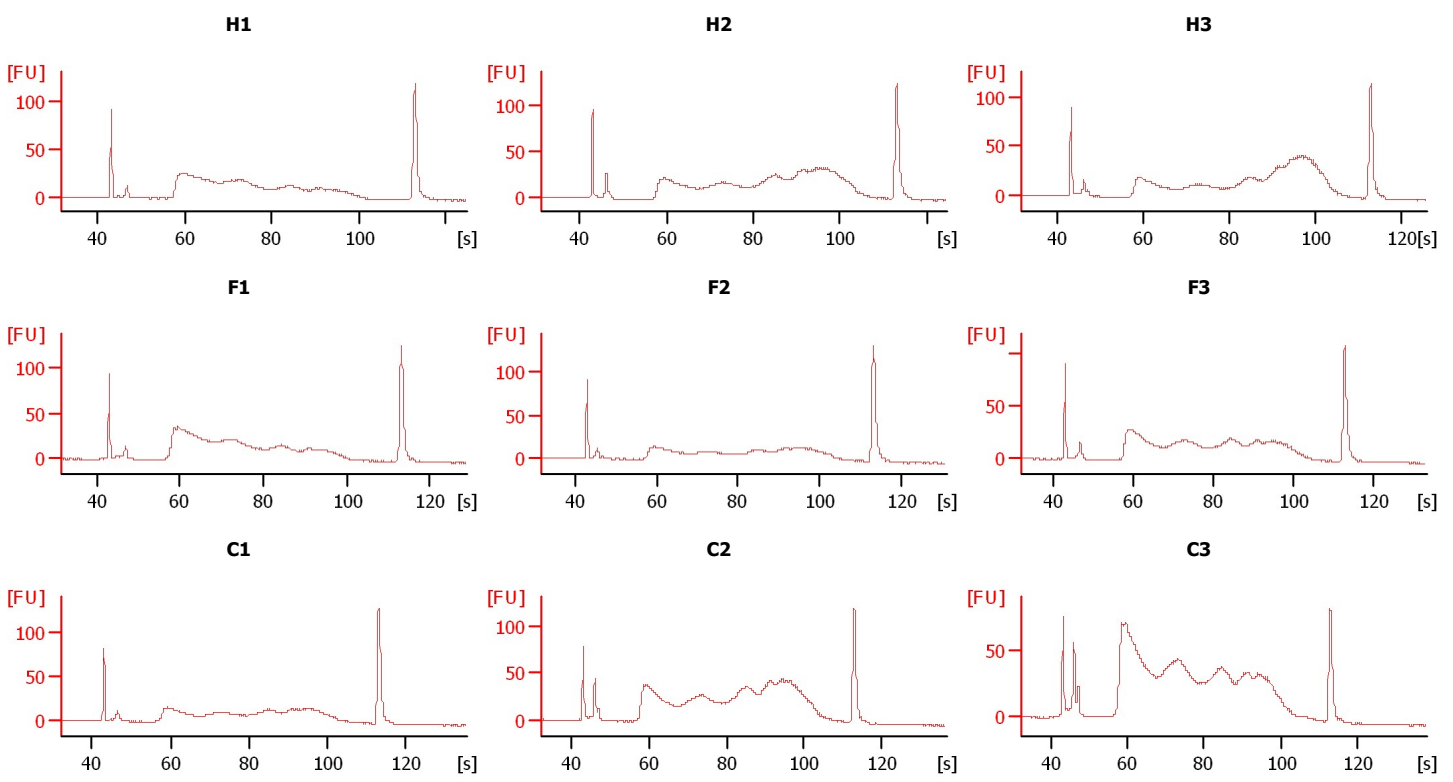
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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:



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

Created: 3/19/2018 11:03:20 AM
Modified: 3/19/2018 11:38:53 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
H1		<input type="checkbox"/>	✓			
H2		<input type="checkbox"/>	✓			
H3		<input type="checkbox"/>	✓			
F1		<input type="checkbox"/>	✓			
F2		<input type="checkbox"/>	✓			
F3		<input type="checkbox"/>	✓			
C1		<input type="checkbox"/>	✓			
C2		<input type="checkbox"/>	✓			
C3		<input type="checkbox"/>	✓			
sample 10		<input type="checkbox"/>				
sample 11		<input type="checkbox"/>				
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

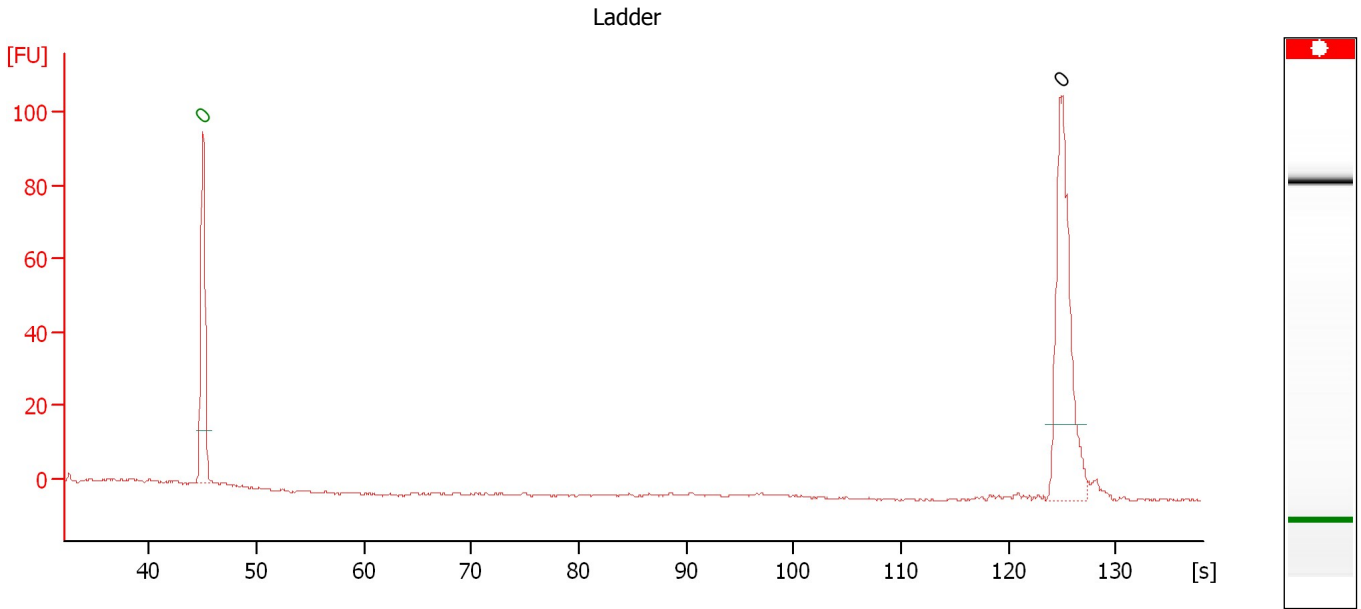
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

Created: 3/19/2018 11:03:20 AM
Modified: 3/19/2018 11:38:53 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

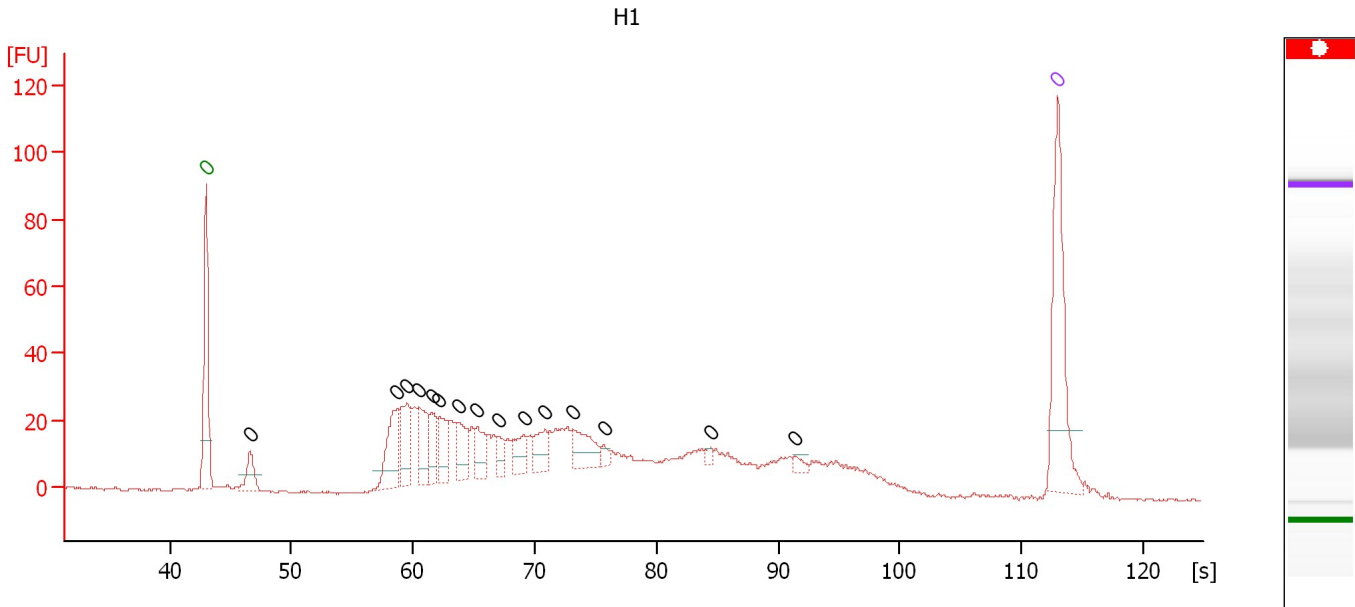
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	45.00
2	0	0.00	0.0	Ladder Peak	124.90

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

Created: 3/19/2018 11:03:20 AM
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Electropherogram Summary Continued ...



Overall Results for sample 1 : H1

Number of peaks found: 15 Noise: 0.4

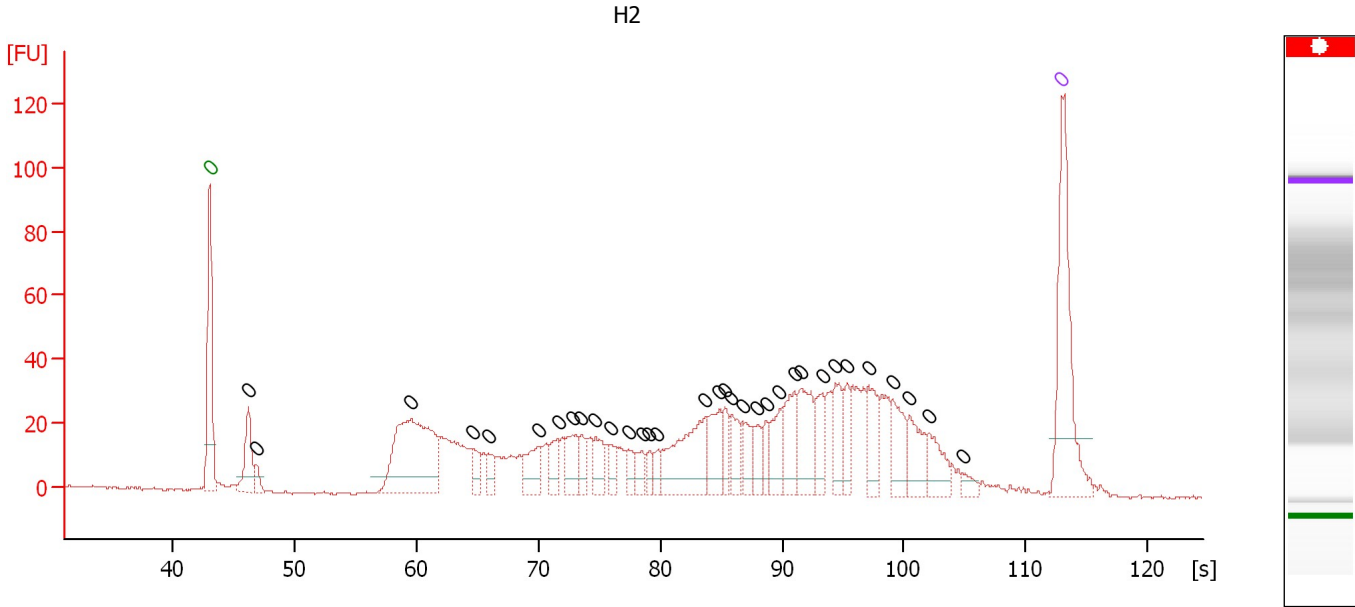
Peak table for sample 1 : H1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		46.62
3	0	0.00	0.0		58.67
4	0	0.00	0.0		59.51
5	0	0.00	0.0		60.43
6	0	0.00	0.0		61.54
7	0	0.00	0.0		62.16
8	0	0.00	0.0		63.79
9	0	0.00	0.0		65.29
10	0	0.00	0.0		66.97
11	0	0.00	0.0		69.13
12	0	0.00	0.0		70.85
13	0	0.00	0.0		73.15
14	0	0.00	0.0		75.70
15	0	0.00	0.0		84.44
16	0	0.00	0.0		91.42
17	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

Created: 3/19/2018 11:03:20 AM
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Electropherogram Summary Continued ...



Overall Results for sample 2 : H2

Number of peaks found: 33 Noise: 0.4

Peak table for sample 2 : H2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		46.13
3	0	0.00	0.0		46.79
4	0	0.00	0.0		59.54
5	0	0.00	0.0		64.66
6	0	0.00	0.0		65.89
7	0	0.00	0.0		69.99
8	0	0.00	0.0		71.58
9	0	0.00	0.0		72.77
10	0	0.00	0.0		73.43
11	0	0.00	0.0		74.67
12	0	0.00	0.0		75.99
13	0	0.00	0.0		77.36
14	0	0.00	0.0		78.51
15	0	0.00	0.0		79.08
16	0	0.00	0.0		79.79
17	0	0.00	0.0		83.67
18	0	0.00	0.0		84.86
19	0	0.00	0.0		85.30
20	0	0.00	0.0		85.87
21	0	0.00	0.0		86.76
22	0	0.00	0.0		87.99
23	0	0.00	0.0		88.70
24	0	0.00	0.0		89.80
25	0	0.00	0.0		90.99
26	0	0.00	0.0		91.52
27	0	0.00	0.0		93.28

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

Created: 3/19/2018 11:03:20 AM
Modified: 3/19/2018 11:38:53 AM

Electropherogram Summary Continued ...

... Peak table for sample 2 :

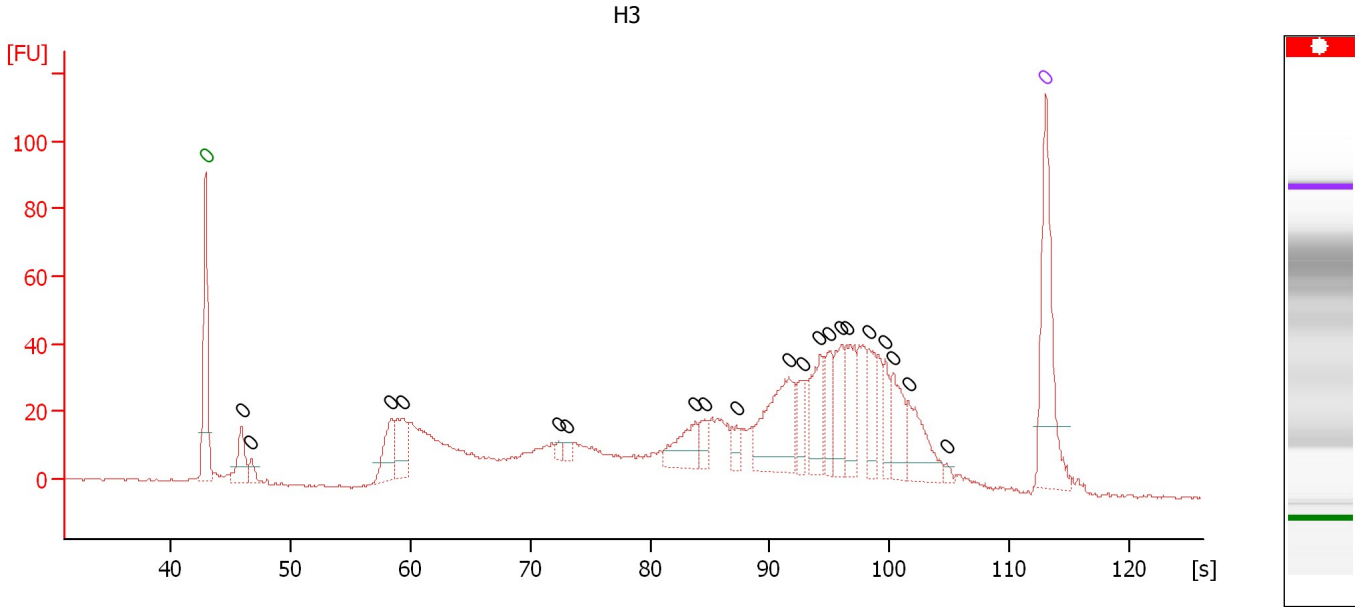
H2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
28	0	0.00	0.0		94.39
29	0	0.00	0.0		95.31
30	0	0.00	0.0		97.12
31	0	0.00	0.0		99.06
32	0	0.00	0.0		100.47
33	0	0.00	0.0		102.11
34	0	0.00	0.0		104.84
35	▶ 0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

Created: 3/19/2018 11:03:20 AM
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Electropherogram Summary Continued ...



Overall Results for sample 3 : H3

Number of peaks found: 20 Noise: 0.3

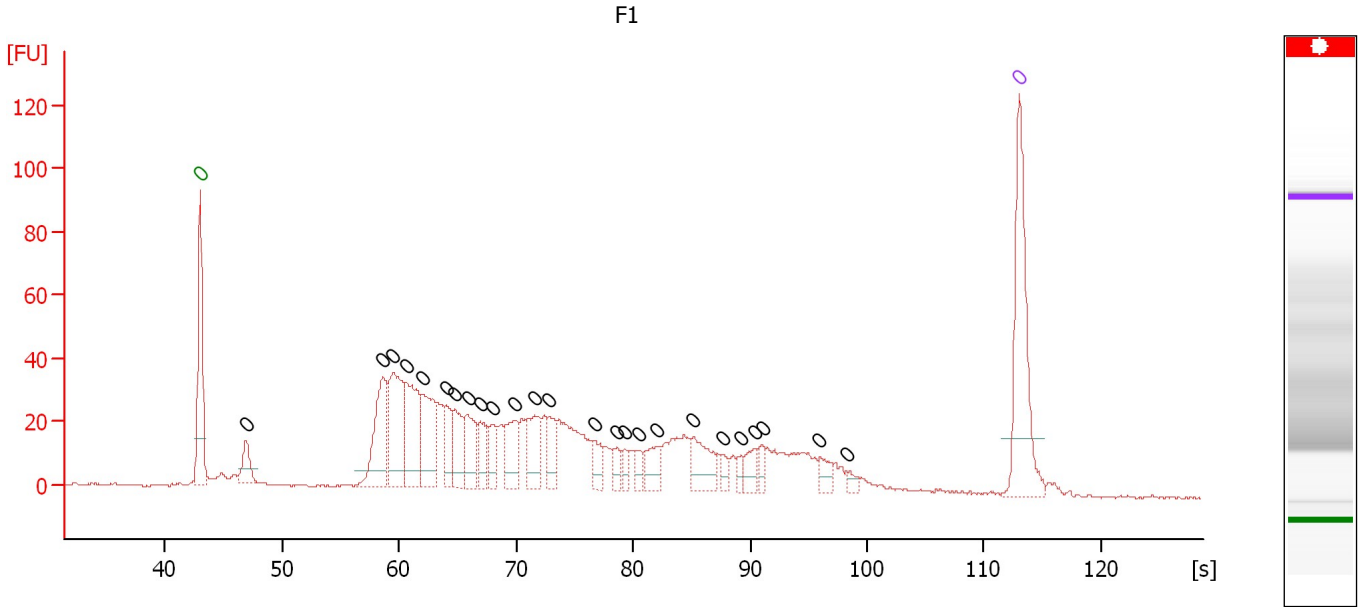
Peak table for sample 3 : H3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		46.00
3	0	0.00	0.0		46.80
4	0	0.00	0.0		58.48
5	0	0.00	0.0		59.33
6	0	0.00	0.0		72.43
7	0	0.00	0.0		73.01
8	0	0.00	0.0		83.79
9	0	0.00	0.0		84.64
10	0	0.00	0.0		87.24
11	0	0.00	0.0		91.58
12	0	0.00	0.0		92.69
13	0	0.00	0.0		94.17
14	0	0.00	0.0		94.93
15	0	0.00	0.0		96.00
16	0	0.00	0.0		96.36
17	0	0.00	0.0		98.24
18	0	0.00	0.0		99.63
19	0	0.00	0.0		100.21
20	0	0.00	0.0		101.55
21	0	0.00	0.0		104.73
22	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 4 : F1

Number of peaks found: 25 Noise: 0.3

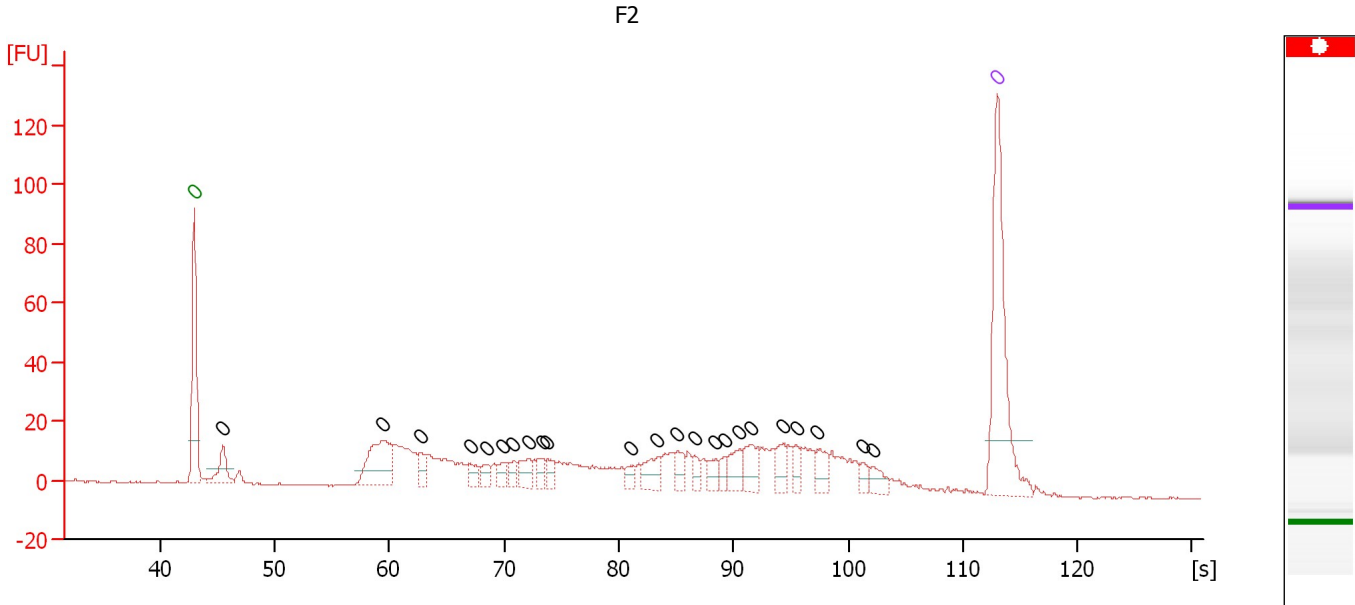
Peak table for sample 4 : F1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		46.90
3	0	0.00	0.0		58.56
4	0	0.00	0.0		59.52
5	0	0.00	0.0		60.58
6	0	0.00	0.0		61.96
7	0	0.00	0.0		63.98
8	0	0.00	0.0		64.76
9	0	0.00	0.0		65.86
10	0	0.00	0.0		66.96
11	0	0.00	0.0		67.92
12	0	0.00	0.0		69.85
13	0	0.00	0.0		71.55
14	0	0.00	0.0		72.84
15	0	0.00	0.0		76.69
16	0	0.00	0.0		78.57
17	0	0.00	0.0		79.22
18	0	0.00	0.0		80.46
19	0	0.00	0.0		82.11
20	0	0.00	0.0		85.18
21	0	0.00	0.0		87.66
22	0	0.00	0.0		89.18
23	0	0.00	0.0		90.37
24	0	0.00	0.0		91.01
25	0	0.00	0.0		95.97
26	0	0.00	0.0		98.27
27	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 5 : F2

Number of peaks found: 23 Noise: 0.3

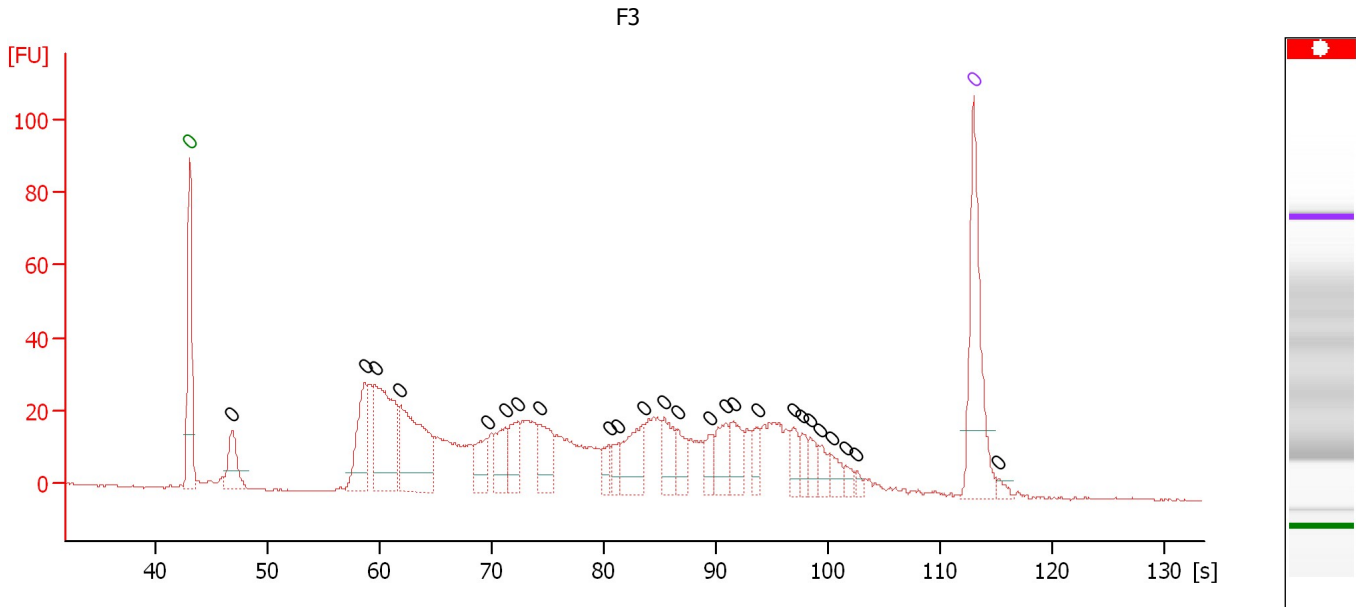
Peak table for sample 5 : F2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		45.48
3	0	0.00	0.0		59.48
4	0	0.00	0.0		62.71
5	0	0.00	0.0		67.07
6	0	0.00	0.0		68.47
7	0	0.00	0.0		69.97
8	0	0.00	0.0		70.81
9	0	0.00	0.0		72.22
10	0	0.00	0.0		73.34
11	0	0.00	0.0		73.76
12	0	0.00	0.0		81.02
13	0	0.00	0.0		83.41
14	0	0.00	0.0		85.14
15	0	0.00	0.0		86.59
16	0	0.00	0.0		88.46
17	0	0.00	0.0		89.21
18	0	0.00	0.0		90.53
19	0	0.00	0.0		91.51
20	0	0.00	0.0		94.32
21	0	0.00	0.0		95.49
22	0	0.00	0.0		97.31
23	0	0.00	0.0		101.29
24	0	0.00	0.0		102.09
25	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

Created: 3/19/2018 11:03:20 AM
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Electropherogram Summary Continued ...



Overall Results for sample 6 : F3

Number of peaks found: 25 Noise: 0.3

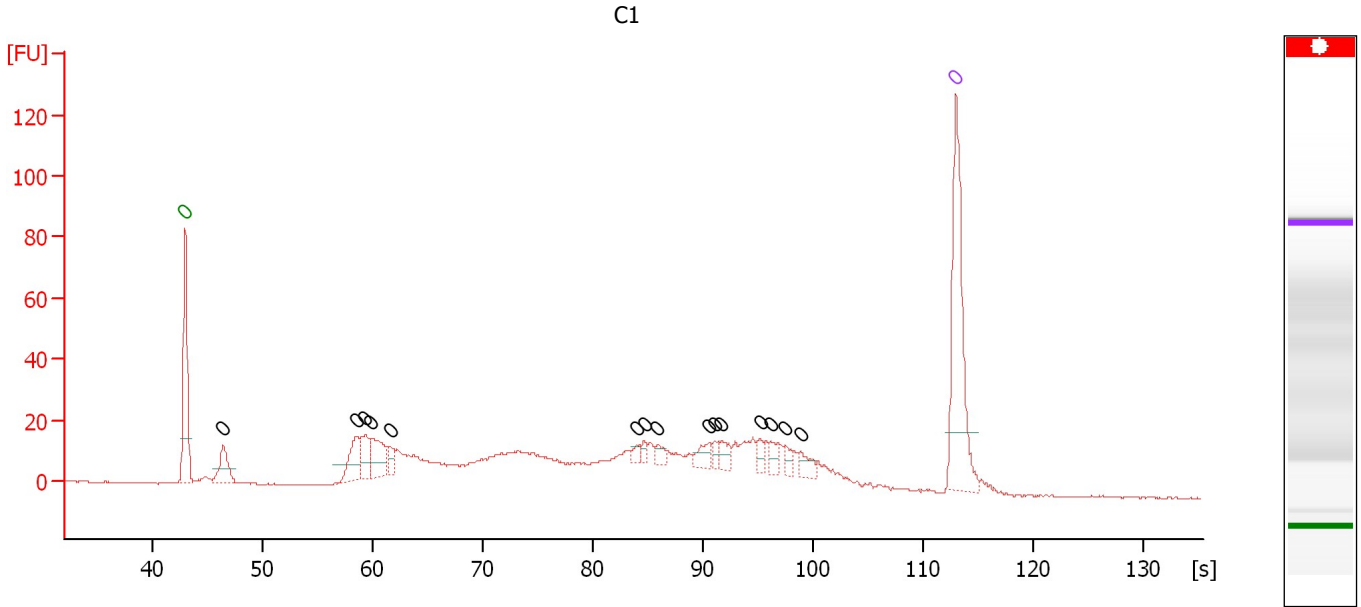
Peak table for sample 6 : F3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		46.79
3	0	0.00	0.0		58.63
4	0	0.00	0.0		59.49
5	0	0.00	0.0		61.79
6	0	0.00	0.0		69.51
7	0	0.00	0.0		71.14
8	0	0.00	0.0		72.29
9	0	0.00	0.0		74.21
10	0	0.00	0.0		80.40
11	0	0.00	0.0		81.26
12	0	0.00	0.0		83.51
13	0	0.00	0.0		85.34
14	0	0.00	0.0		86.58
15	0	0.00	0.0		89.41
16	0	0.00	0.0		90.90
17	0	0.00	0.0		91.52
18	0	0.00	0.0		93.68
19	0	0.00	0.0		96.84
20	0	0.00	0.0		97.71
21	0	0.00	0.0		98.38
22	0	0.00	0.0		99.34
23	0	0.00	0.0		100.25
24	0	0.00	0.0		101.54
25	0	0.00	0.0		102.50
26	0	0.00	0.0	Upper Marker	113.00
27	0	0.00	0.0		115.21

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

Created: 3/19/2018 11:03:20 AM
 Modified: 3/19/2018 11:38:53 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : C1

Number of peaks found: 15 Noise: 0.3

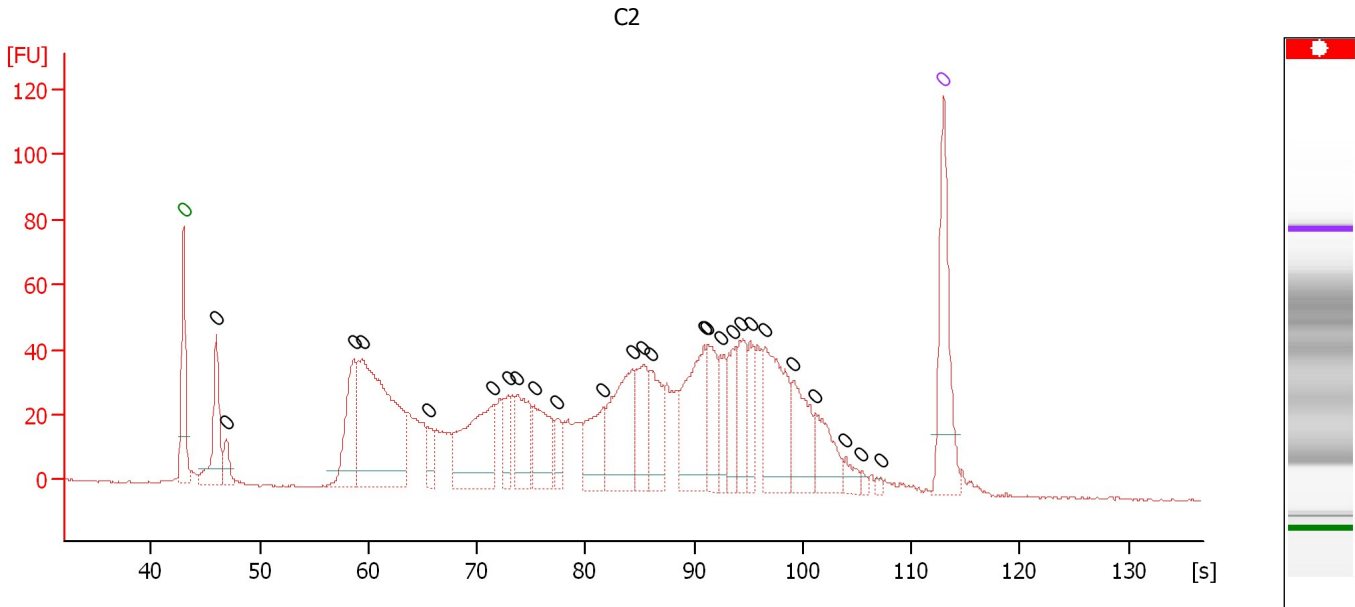
Peak table for sample 7 : C1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		46.41
3	0	0.00	0.0		58.51
4	0	0.00	0.0		59.34
5	0	0.00	0.0		59.93
6	0	0.00	0.0		61.63
7	0	0.00	0.0		84.02
8	0	0.00	0.0		84.71
9	0	0.00	0.0		85.93
10	0	0.00	0.0		90.56
11	0	0.00	0.0		91.15
12	0	0.00	0.0		91.73
13	0	0.00	0.0		95.24
14	0	0.00	0.0		96.17
15	0	0.00	0.0		97.49
16	0	0.00	0.0		98.85
17	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

Created: 3/19/2018 11:03:20 AM
 Modified: 3/19/2018 11:38:53 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : C2

Number of peaks found: 26 Noise: 0.3

Peak table for sample 8 : C2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		46.02
3	0	0.00	0.0		46.95
4	0	0.00	0.0		58.67
5	0	0.00	0.0		59.46
6	0	0.00	0.0		65.54
7	0	0.00	0.0		71.52
8	0	0.00	0.0		72.86
9	0	0.00	0.0		73.70
10	0	0.00	0.0		75.28
11	0	0.00	0.0		77.41
12	0	0.00	0.0		81.61
13	0	0.00	0.0		84.33
14	0	0.00	0.0		85.32
15	0	0.00	0.0		86.06
16	0	0.00	0.0		90.95
17	0	0.00	0.0		91.25
18	0	0.00	0.0		92.44
19	0	0.00	0.0		93.57
20	0	0.00	0.0		94.21
21	0	0.00	0.0		95.15
22	0	0.00	0.0		96.54
23	0	0.00	0.0		99.16
24	0	0.00	0.0		101.19
25	0	0.00	0.0		103.95
26	0	0.00	0.0		105.44
27	0	0.00	0.0		107.17

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

Created: 3/19/2018 11:03:20 AM
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Electropherogram Summary Continued ...

... Peak table for sample 8 :

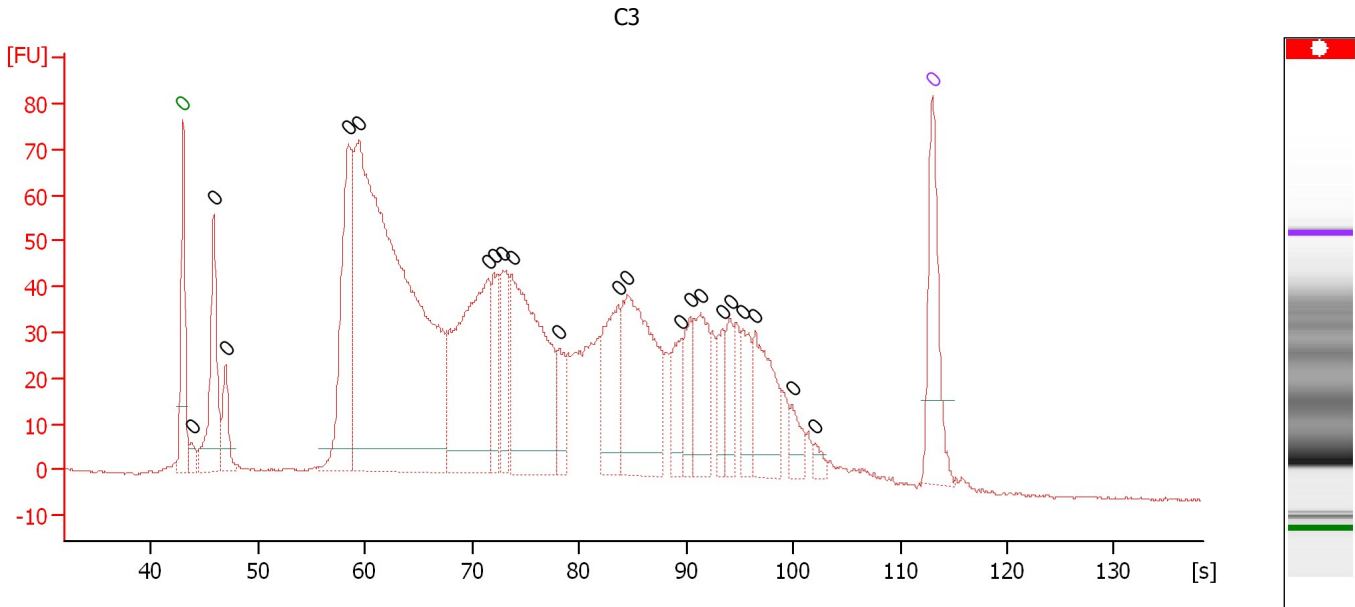
C2

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
28	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

Created: 3/19/2018 11:03:20 AM
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Electropherogram Summary Continued ...



Overall Results for sample 9 : C3

Number of peaks found: 21 Noise: 0.2

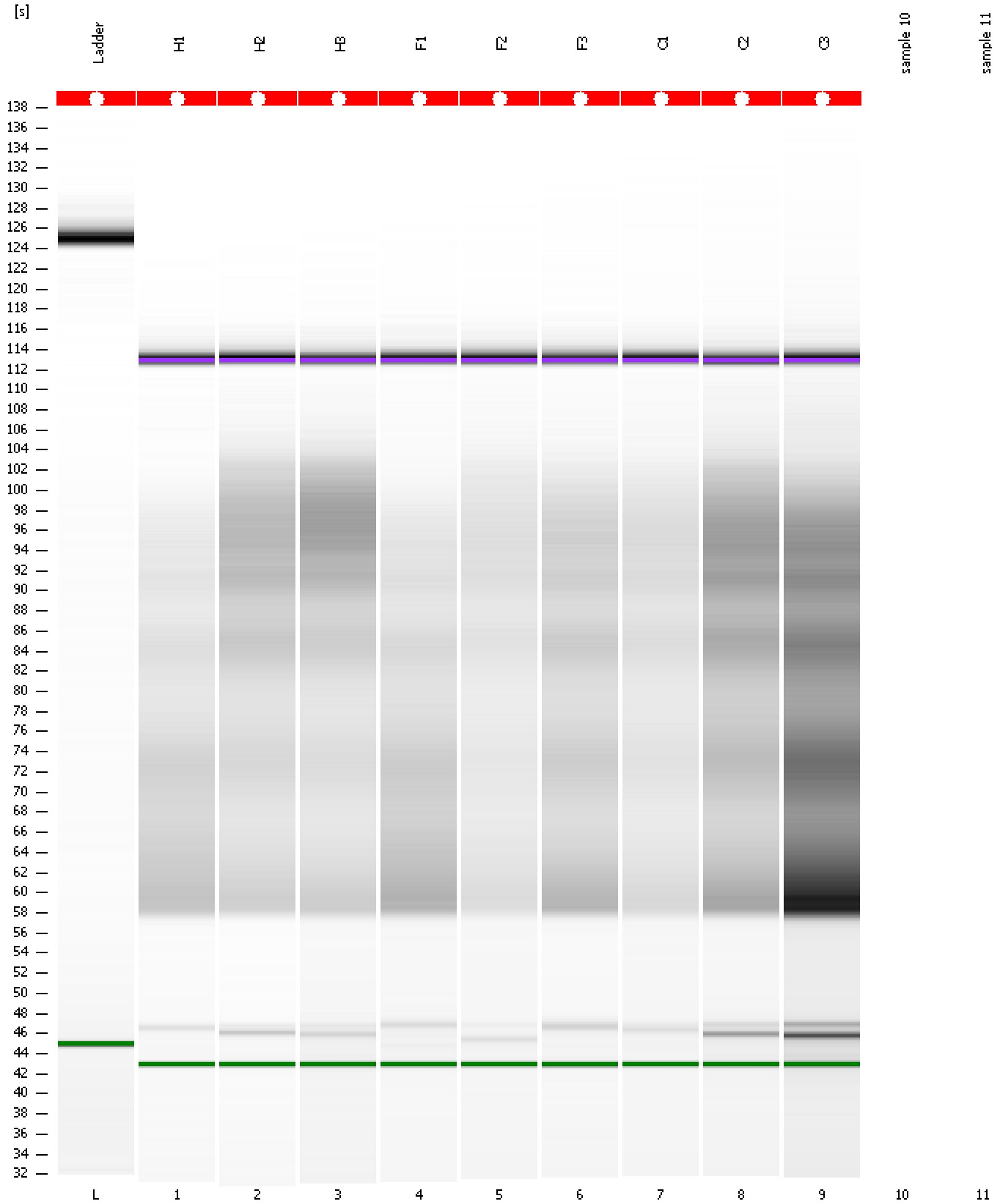
Peak table for sample 9 : C3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0	Lower Marker	43.00
2	0	0.00	0.0		43.80
3	0	0.00	0.0		45.86
4	0	0.00	0.0		46.96
5	0	0.00	0.0		58.46
6	0	0.00	0.0		59.46
7	0	0.00	0.0		71.50
8	0	0.00	0.0		72.05
9	0	0.00	0.0		72.91
10	0	0.00	0.0		73.71
11	0	0.00	0.0		78.13
12	0	0.00	0.0		83.70
13	0	0.00	0.0		84.50
14	0	0.00	0.0		89.57
15	0	0.00	0.0		90.37
16	0	0.00	0.0		91.37
17	0	0.00	0.0		93.38
18	0	0.00	0.0		94.13
19	0	0.00	0.0		95.34
20	0	0.00	0.0		96.44
21	0	0.00	0.0		99.90
22	0	0.00	0.0		102.06
23	0	0.00	0.0	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

Created: 3/19/2018 11:03:20 AM
Modified: 3/19/2018 11:38:53 AM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-19\2018-03-19_002.xad

Created: 3/19/2018 11:03:20 AM
Modified: 3/19/2018 11:38:53 AM

Invalid Samples

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.