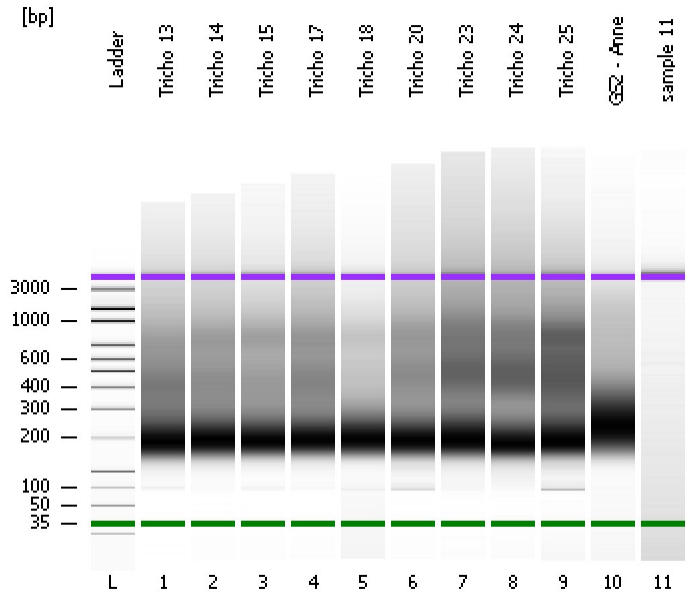


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

Created: 2/5/2015 2:33:29 PM  
Modified: 2/5/2015 3:14:54 PM

### Electrophoresis File Run Summary



#### Instrument Information:

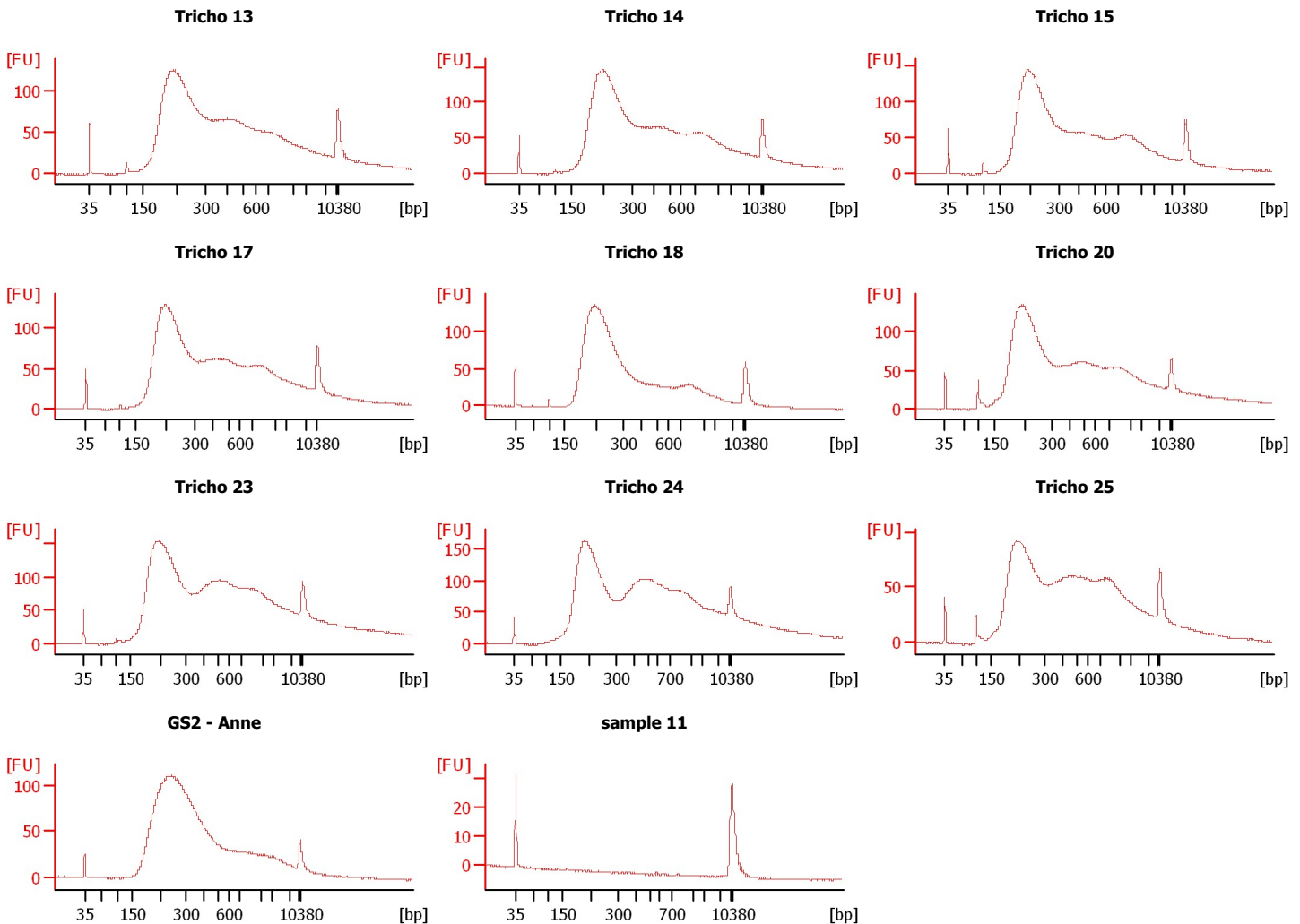
Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

#### 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:



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

Created: 2/5/2015 2:33:29 PM  
Modified: 2/5/2015 3:14:54 PM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Tricho 13		<input type="checkbox"/>	✓			
Tricho 14		<input type="checkbox"/>	✓			
Tricho 15		<input type="checkbox"/>	✓			
Tricho 17		<input type="checkbox"/>	✓			
Tricho 18		<input type="checkbox"/>	✓			
Tricho 20		<input type="checkbox"/>	✓			
Tricho 23		<input type="checkbox"/>	✓			
Tricho 24		<input type="checkbox"/>	✓			
Tricho 25		<input type="checkbox"/>	✓			
GS2 - Anne		<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:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

Created: 2/5/2015 2:33:29 PM  
Modified: 2/5/2015 3:14:54 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

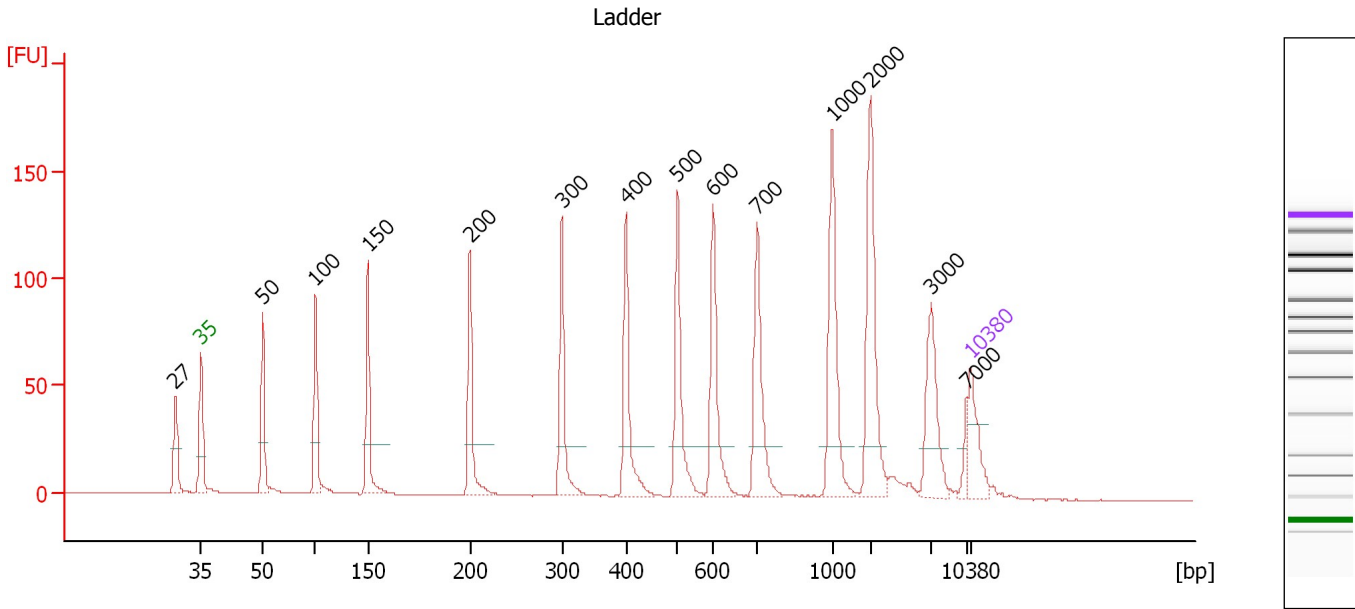
**Ladder**

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:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

Created: 2/5/2015 2:33:29 PM  
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**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

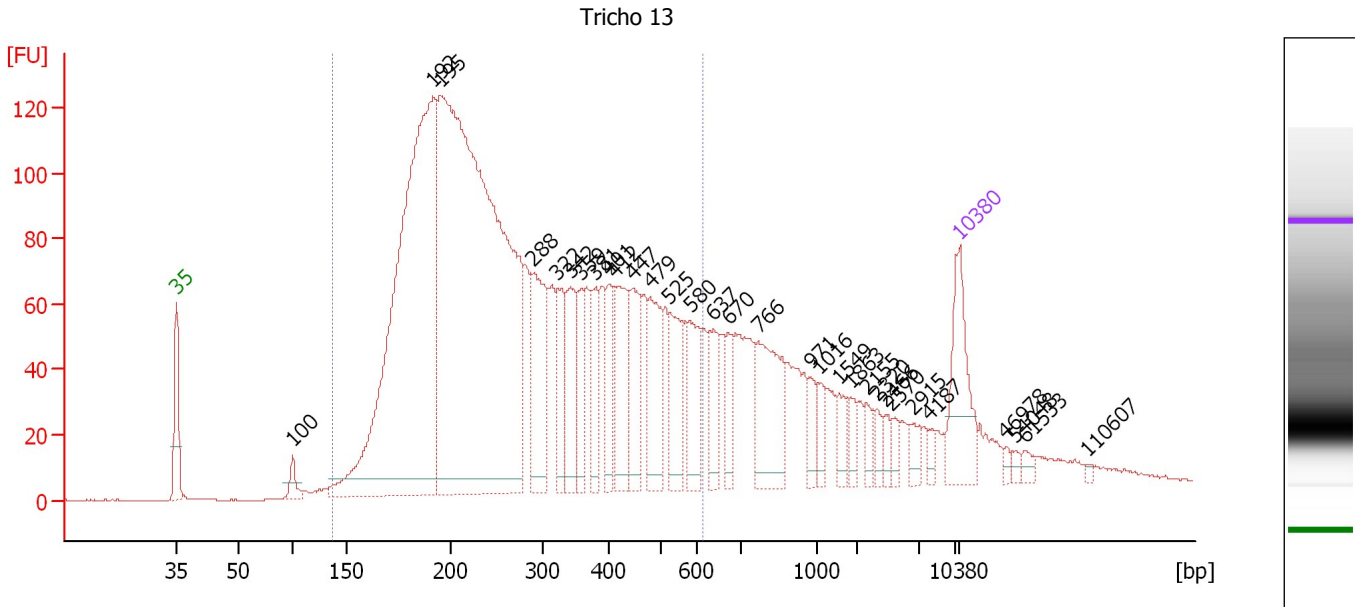
**Peak table for Ladder**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	27	0.00	0.0		40.67
2	35	125.00	5,411.3	Lower Marker	43.00
3	50	150.00	4,545.5	Ladder Peak	48.62
4	100	150.00	2,272.7	Ladder Peak	53.42
5	150	150.00	1,515.2	Ladder Peak	58.16
6	200	150.00	1,136.4	Ladder Peak	67.46
7	300	150.00	757.6	Ladder Peak	75.80
8	400	150.00	568.2	Ladder Peak	81.61
9	500	150.00	454.5	Ladder Peak	86.31
10	600	150.00	378.8	Ladder Peak	89.55
11	700	150.00	324.7	Ladder Peak	93.53
12	1,000	150.00	227.3	Ladder Peak	100.36
13	2,000	150.00	113.6	Ladder Peak	103.84
14	3,000	150.00	75.8	Ladder Peak	109.37
15	7,000	150.00	32.5	Ladder Peak	112.61
16	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : Tricho 13**

Number of peaks found: 31                      Corr. Area 1: 3,134.0  
 Noise: 0.2

**Peak table for sample 1 : Tricho 13**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	100	21.68	329.1		53.40
3	192	996.01	7,868.6		65.94
4	195	1,464.06	11,353.8		66.60
5	288	145.45	764.9		74.81
6	322	68.71	323.0		77.09
7	342	90.80	402.2		78.24
8	359	51.98	219.3		79.24
9	381	57.45	228.7		80.48
10	401	48.72	183.9		81.67
11	412	106.62	391.6		82.20
12	447	74.15	251.4		83.82
13	479	90.95	287.4		85.34
14	525	71.63	206.9		87.11
15	580	63.56	165.9		88.92
16	637	45.06	107.2		91.02
17	670	30.30	68.5		92.35
18	766	112.64	222.9		95.02
19	971	22.86	35.7		99.70
20	1,016	20.06	29.9		100.41
21	1,549	20.43	20.0		102.27
22	1,863	15.02	12.2		103.37
23	2,155	14.96	10.5		104.70
24	2,320	11.47	7.5		105.61
25	2,466	9.98	6.1		106.42

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad


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### Electropherogram Summary Continued ...

#### ... Peak table for sample 1 : Tricho 13

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,570	9.56	5.6		106.99
27	2,915	13.99	7.3		108.90
28	4,187	8.34	3.0		110.33
29	10,380	75.00	10.9	Upper Marker	113.00
30	46,978	0.00	0.0		117.20
31	54,048	0.00	0.0		118.01
32	61,533	0.00	0.0		118.87
33	110,607	0.00	0.0		124.49

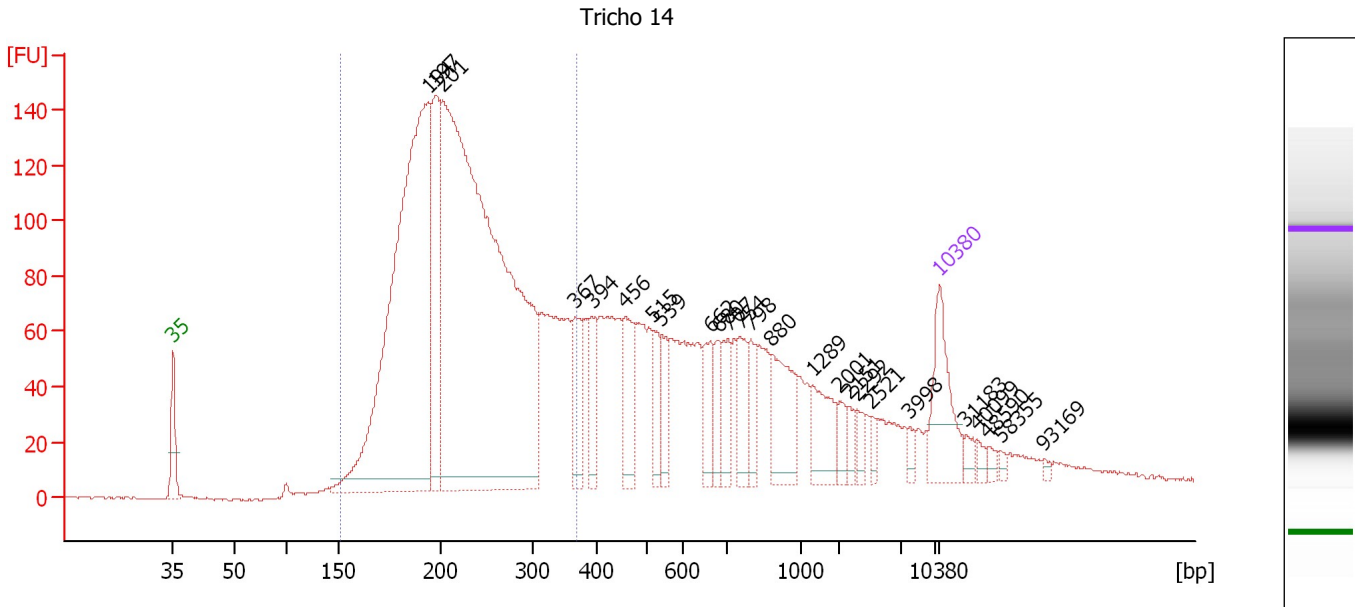
#### Region table for sample 1 : Tricho 13

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
138	297	612	3,134.0	79	40.5	3,622.88	22,550.3	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : Tricho 14**

Number of peaks found: 25                      Corr. Area 1: 2,635.5  
 Noise: 0.4

**Peak table for sample 2 : Tricho 14**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	194	1,005.30	7,858.1		66.32
3	197	240.21	1,845.2		66.95
4	201	1,574.89	11,846.3		67.58
5	367	75.34	310.9		79.70
6	394	57.45	220.9		81.26
7	456	70.81	235.4		84.23
8	515	41.62	122.3		86.81
9	539	44.58	125.2		87.59
10	662	49.02	112.2		92.02
11	680	34.74	77.4		92.75
12	707	44.76	96.0		93.67
13	754	48.53	97.6		94.75
14	798	34.41	65.3		95.77
15	880	91.22	157.1		97.62
16	1,289	60.33	70.9		101.37
17	2,001	16.51	12.5		103.85
18	2,151	12.76	9.0		104.68
19	2,292	11.92	7.9		105.45
20	2,521	10.02	6.0		106.72
21	3,998	9.86	3.7		110.18
22	10,380	75.00	10.9	Upper Marker	113.00
23	31,183	0.00	0.0		115.39
24	40,099	0.00	0.0		116.41
25	48,590	0.00	0.0		117.38


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

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**Electropherogram Summary Continued ...****... Peak table for sample 2 : Tricho 14**

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	58,355	0.00	0.0		118.50
27	93,169	0.00	0.0		122.49

**Region table for sample 2 : Tricho 14**

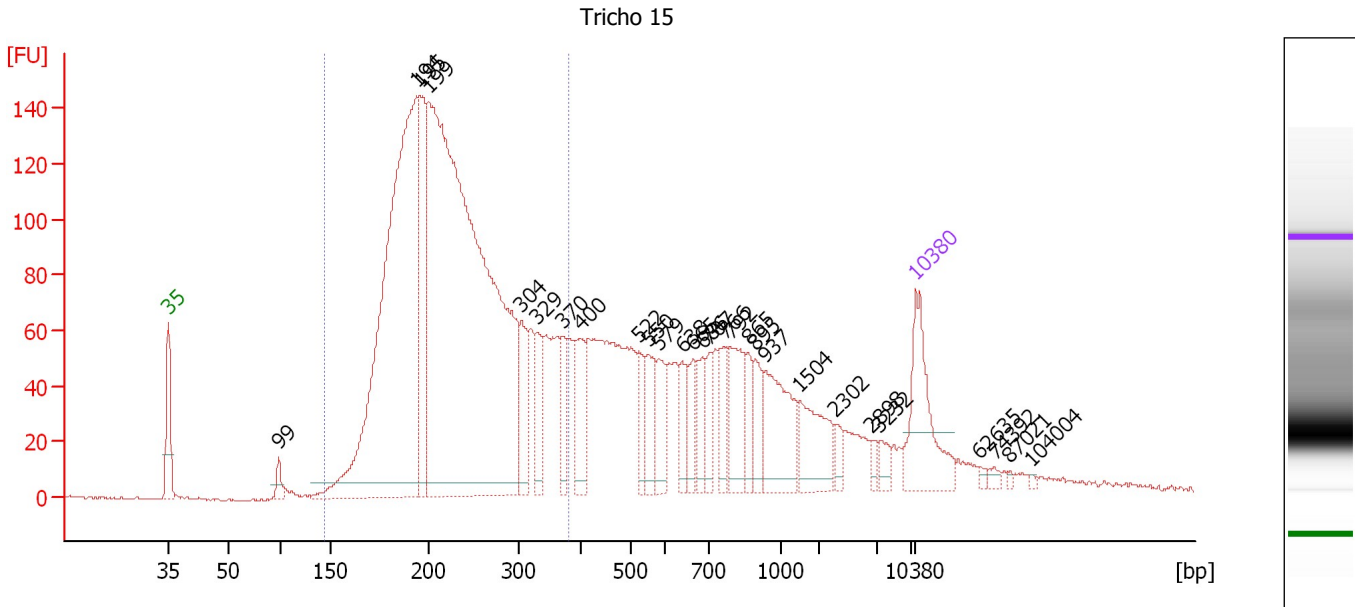
From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Color
150	234	370	2,635.5	61	23.0	3,032.17	20,884.8	



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : Tricho 15**

Number of peaks found: 28                      Corr. Area 1: 2,565.5  
 Noise: 0.6

**Peak table for sample 3 : Tricho 15**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	99	17.38	265.5		53.34
3	194	841.61	6,587.8		66.27
4	195	144.11	1,118.8		66.57
5	199	1,310.79	9,956.6		67.37
6	304	61.95	309.2		76.00
7	329	49.46	227.5		77.50
8	370	41.63	170.6		79.85
9	400	58.10	220.2		81.59
10	522	31.80	92.2		87.04
11	550	40.70	112.1		87.94
12	579	38.01	99.4		88.88
13	638	30.48	72.3		91.08
14	665	28.93	65.9		92.13
15	686	29.61	65.4		92.98
16	707	26.44	56.7		93.68
17	766	32.65	64.6		95.03
18	792	63.25	121.0		95.62
19	865	25.09	44.0		97.27
20	895	31.29	53.0		97.97
21	937	85.22	137.8		98.92
22	1,504	58.52	58.9		102.12
23	2,302	11.83	7.8		105.51
24	2,898	6.47	3.4		108.81
25	3,232	11.26	5.3		109.55

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad


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**Electropherogram Summary Continued ...**

**... Peak table for sample 3 : Tricho 15**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	10,380	75.00	10.9	Upper Marker	113.00
27	62,635	0.00	0.0		118.99
28	74,392	0.00	0.0		120.34
29	87,021	0.00	0.0		121.79
30	104,004	0.00	0.0		123.73

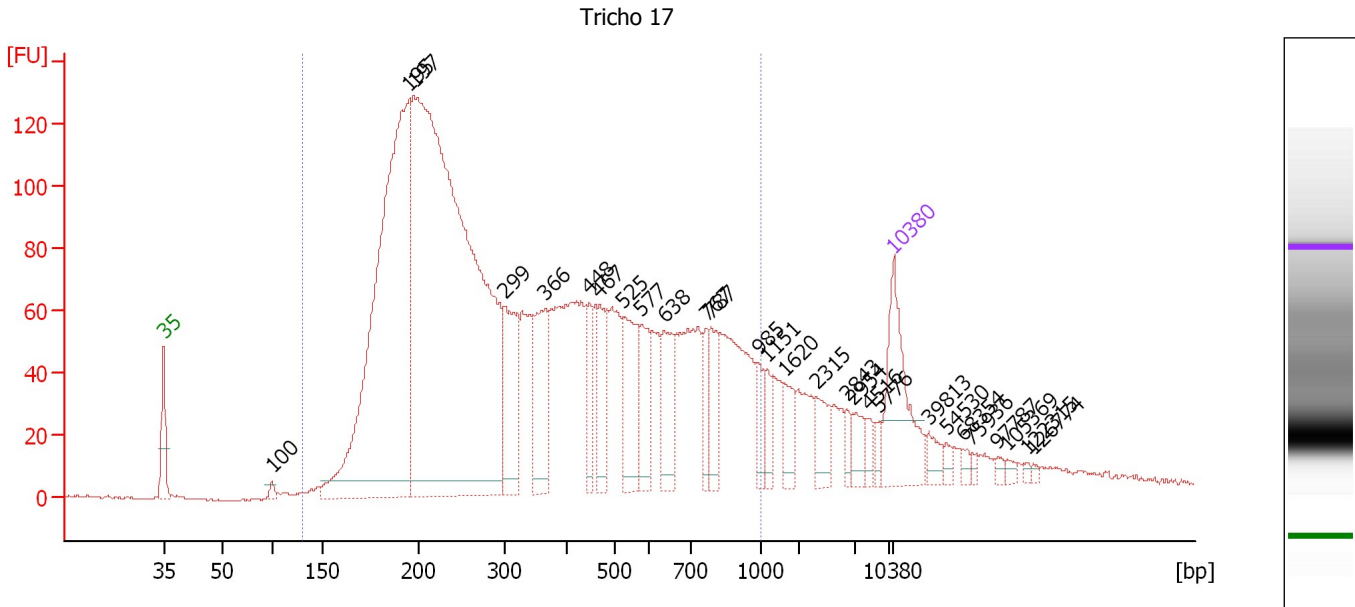
**Region table for sample 3 : Tricho 15**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
144	236	380	2,565.5	63	23.7	2,490.52	17,094.6	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : Tricho 17**

Number of peaks found: 28                      Corr. Area 1: 3,448.1  
 Noise: 0.4

**Peak table for sample 4 : Tricho 17**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	100	7.44	113.1		53.38
3	195	736.26	5,714.7		66.57
4	197	1,279.48	9,820.4		66.98
5	299	109.00	552.1		75.72
6	366	89.00	368.8		79.61
7	448	41.79	141.4		83.85
8	467	52.10	168.9		84.78
9	525	78.50	226.5		87.13
10	577	47.79	125.5		88.81
11	638	51.19	121.6		91.06
12	767	26.86	53.0		95.05
13	787	36.61	70.5		95.51
14	985	17.80	27.4		100.01
15	1,151	16.39	21.6		100.88
16	1,620	22.55	21.1		102.52
17	2,315	24.91	16.3		105.59
18	2,843	9.60	5.1		108.50
19	2,954	15.49	7.9		109.11
20	4,516	9.66	3.2		110.60
21	5,776	8.20	2.1		111.62
22	10,380	75.00	10.9	Upper Marker	113.00
23	39,813	0.00	0.0		116.37
24	54,530	0.00	0.0		118.06
25	68,354	0.00	0.0		119.65

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad


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### Electropherogram Summary Continued ...

#### ... Peak table for sample 4 : Tricho 17

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	75,936	0.00	0.0		120.52
27	97,787	0.00	0.0		123.02
28	105,369	0.00	0.0		123.89
29	122,315	0.00	0.0		125.83
30	126,774	0.00	0.0		126.35

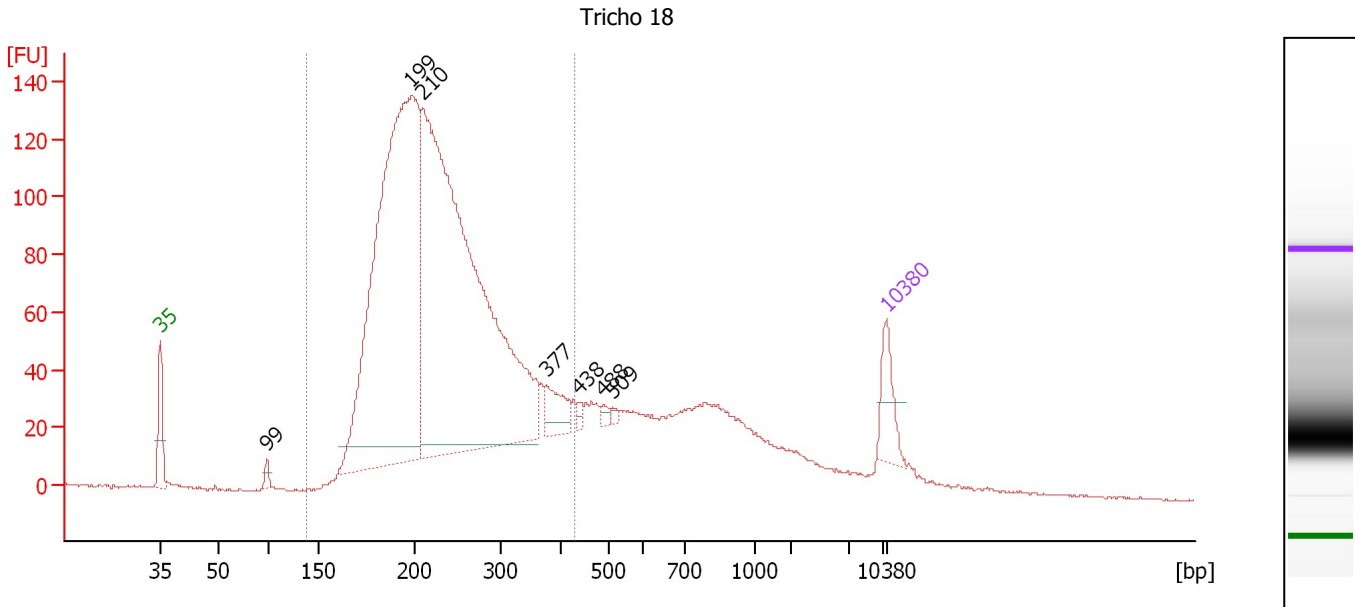
#### Region table for sample 4 : Tricho 17

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Color
131	391	1,000	3,448.1	89	56.7	3,114.40	17,473.8	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : Tricho 18**

Number of peaks found: 7                      Corr. Area 1: 2,442.3  
 Noise: 0.4

**Peak table for sample 5 : Tricho 18**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	99	20.76	318.9		53.29
3	199	2,097.97	15,996.4		67.22
4	210	2,429.46	17,520.5		68.30
5	377	82.96	333.2		80.29
6	438	13.98	48.4		83.37
7	488	13.02	40.4		85.74
8	509	8.43	25.1		86.61
9	10,380	75.00	10.9	Upper Marker	113.00

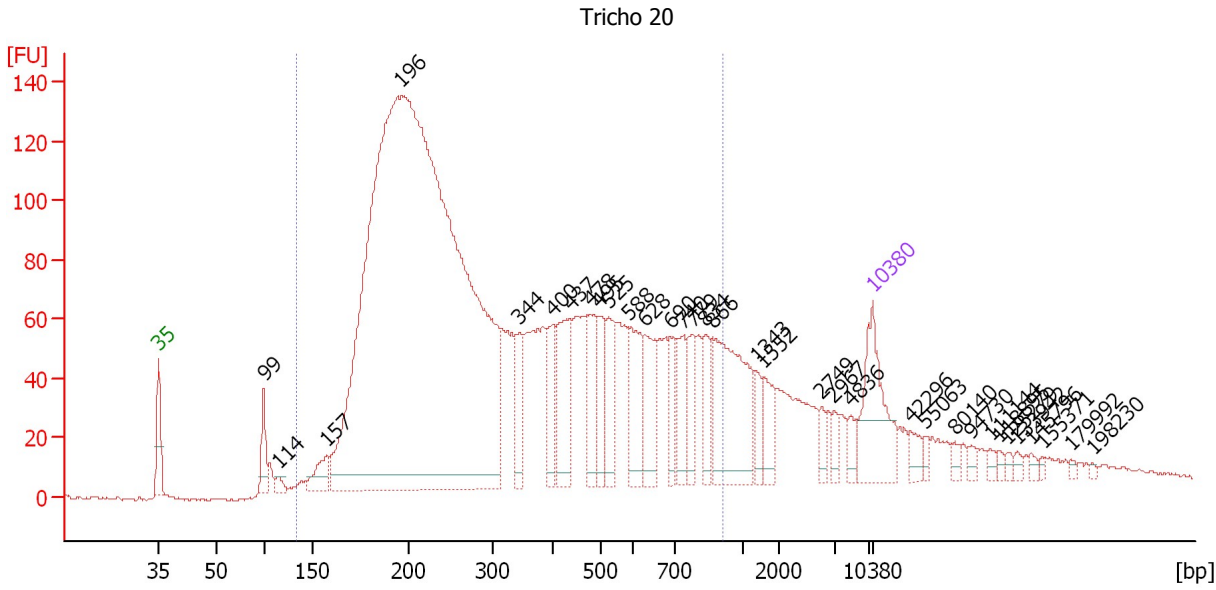
**Region table for sample 5 : Tricho 18**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
139	242	429	2,442.3	77	25.9	5,363.41	36,149.2	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : Tricho 20**

Number of peaks found: 34                      Corr. Area 1: 3,489.3  
 Noise: 0.6

**Peak table for sample 6 : Tricho 20**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	99	42.22	647.6		53.30
3	114	10.52	140.3		54.71
4	157	38.25	369.1		59.47
5	196	2,443.54	18,881.9		66.73
6	344	43.87	193.4		78.34
7	400	53.92	204.5		81.58
8	437	89.48	310.1		83.36
9	478	61.16	193.7		85.29
10	495	47.12	144.2		86.08
11	525	56.71	163.6		87.12
12	588	63.73	164.2		89.16
13	628	60.35	145.5		90.68
14	690	31.24	68.6		93.13
15	740	44.51	91.1		94.44
16	779	36.90	71.7		95.33
17	834	35.20	63.9		96.58
18	866	149.10	260.7		97.32
19	1,343	20.90	23.6		101.55
20	1,552	29.63	28.9		102.28
21	2,749	10.54	5.8		107.98
22	2,967	11.43	5.8		109.18
23	4,836	13.32	4.2		110.86
24	10,380	75.00	10.9	Upper Marker	113.00
25	42,296	0.00	0.0		116.66

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad


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**Electropherogram Summary Continued ...**

**... Peak table for sample 6 : Tricho 20**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	55,063	0.00	0.0		118.12
27	80,140	0.00	0.0		121.00
28	94,730	0.00	0.0		122.67
29	111,144	0.00	0.0		124.55
30	118,895	0.00	0.0		125.44
31	125,279	0.00	0.0		126.17
32	133,942	0.00	0.0		127.17
33	145,796	0.00	0.0		128.53
34	155,371	0.00	0.0		129.62
35	179,992	0.00	0.0		132.45
36	198,230	0.00	0.0		134.54

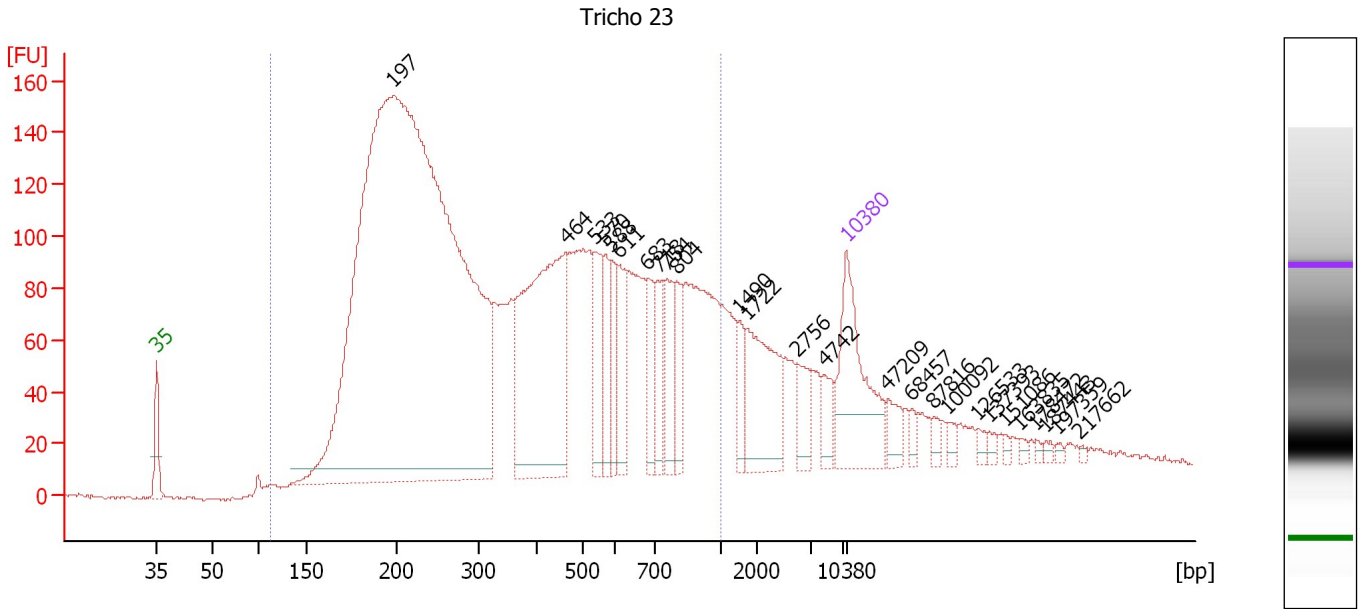
**Region table for sample 6 : Tricho 20**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
132	366	907	3,489.3	84	54.8	3,606.06	21,080.0	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : Tricho 23**

Number of peaks found: 26                      Corr. Area 1: 4,575.4  
 Noise: 0.6

**Peak table for sample 7 : Tricho 23**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	197	1,667.61	12,798.7		66.98
3	464	257.03	838.7		84.63
4	533	50.21	142.6		87.39
5	570	32.14	85.4		88.58
6	588	30.62	78.8		89.18
7	611	40.68	100.9		89.99
8	683	33.95	75.3		92.86
9	718	29.14	61.5		93.94
10	754	38.59	77.6		94.76
11	804	27.12	51.1		95.89
12	1,490	17.07	17.4		102.06
13	1,722	70.92	62.4		102.88
14	2,756	19.83	10.9		108.02
15	4,742	15.39	4.9		110.78
16	10,380	75.00	10.9	Upper Marker	113.00
17	47,209	0.00	0.0		117.22
18	68,457	0.00	0.0		119.66
19	87,816	0.00	0.0		121.88
20	100,092	0.00	0.0		123.29
21	126,533	0.00	0.0		126.32
22	137,393	0.00	0.0		127.56
23	151,086	0.00	0.0		129.13
24	163,835	0.00	0.0		130.59
25	178,472	0.00	0.0		132.27




Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

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**Electropherogram Summary Continued ...****... Peak table for sample 7 : Tricho 23**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	187,443	0.00	0.0		133.30
27	197,359	0.00	0.0		134.44
28	217,662	0.00	0.0		136.77

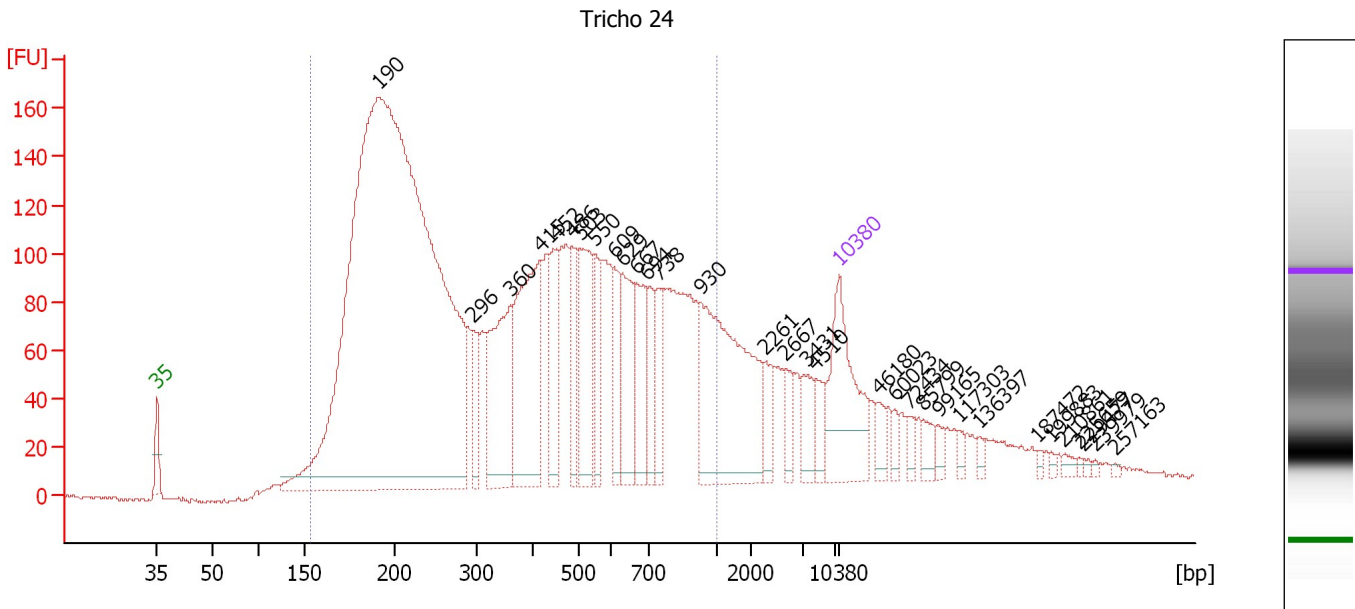
**Region table for sample 7 : Tricho 23**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
111	411	1,000	4,575.4	85	55.9	2,652.44	14,507.5	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : Tricho 24**

Number of peaks found: 32                      Corr. Area 1: 4,743.4  
 Noise: 0.8

**Peak table for sample 8 : Tricho 24**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	190	1,615.25	12,860.8		65.66
3	296	35.25	180.5		75.46
4	360	119.29	502.0		79.29
5	415	156.91	573.4		82.30
6	452	55.06	184.6		84.05
7	486	41.77	130.3		85.63
8	503	87.75	264.4		86.40
9	550	40.04	110.3		87.93
10	609	32.78	81.6		89.90
11	629	60.65	146.0		90.72
12	667	51.66	117.4		92.20
13	694	34.71	75.8		93.30
14	738	35.87	73.6		94.39
15	930	177.72	289.4		98.77
16	2,261	19.36	13.0		105.28
17	2,667	15.14	8.6		107.53
18	3,431	20.73	9.2		109.72
19	4,510	15.87	5.3		110.59
20	10,380	75.00	10.9	Upper Marker	113.00
21	46,180	0.00	0.0		117.10
22	60,023	0.00	0.0		118.69
23	72,434	0.00	0.0		120.11
24	85,799	0.00	0.0		121.65
25	99,165	0.00	0.0		123.18

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad


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**Electropherogram Summary Continued ...**

**... Peak table for sample 8 : Tricho 24**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	117,303	0.00	0.0		125.26
27	136,397	0.00	0.0		127.45
28	187,472	0.00	0.0		133.30
29	199,883	0.00	0.0		134.73
30	210,861	0.00	0.0		135.99
31	225,659	0.00	0.0		137.68
32	229,477	0.00	0.0		138.12
33	239,979	0.00	0.0		139.33
34	257,163	0.00	0.0		141.30

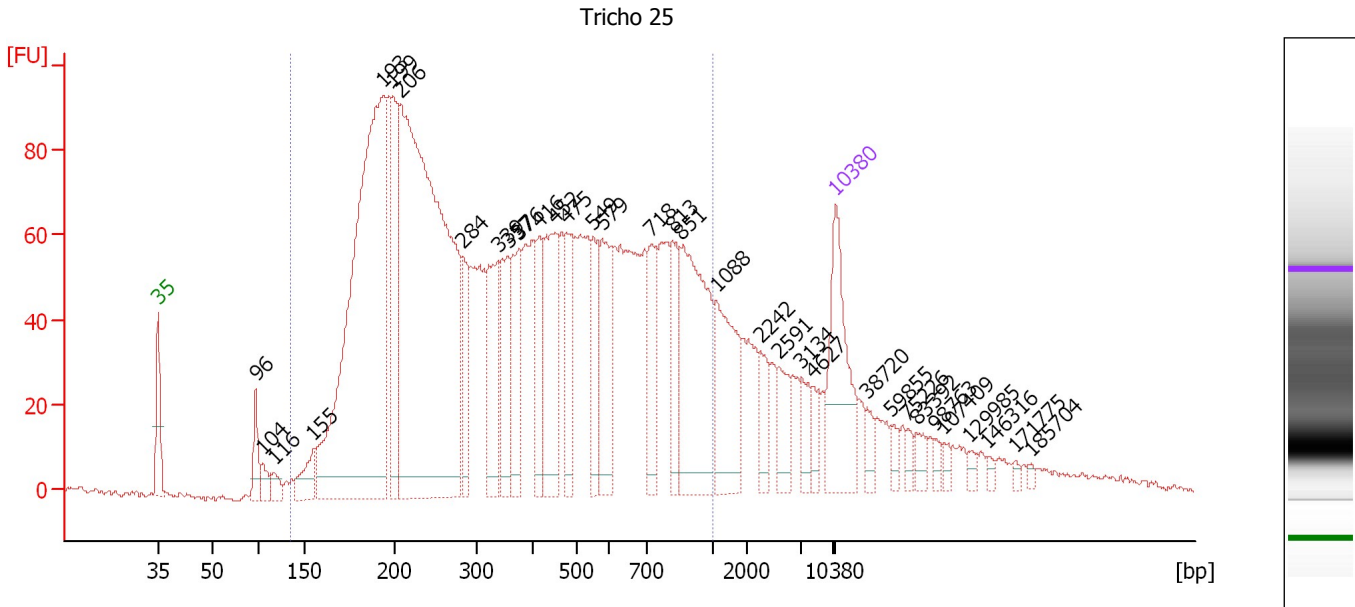
**Region table for sample 8 : Tricho 24**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
153	415	1,000	4,743.4	83	55.8	2,754.29	15,155.5	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : Tricho 25**

Number of peaks found: 34                      Corr. Area 1: 3,042.2  
 Noise: 0.7

**Peak table for sample 9 : Tricho 25**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	96	33.85	531.5		53.08
3	104	16.16	235.4		53.79
4	116	15.14	197.4		54.95
5	155	33.38	327.0		59.03
6	193	635.83	4,988.2		66.19
7	199	118.32	902.0		67.23
8	206	761.16	5,603.2		67.95
9	284	53.29	283.8		74.50
10	339	86.75	387.4		78.08
11	357	68.03	288.5		79.13
12	376	70.78	285.0		80.23
13	416	53.28	193.9		82.38
14	452	102.11	342.6		84.03
15	475	55.71	177.7		85.13
16	549	50.14	138.5		87.89
17	579	71.50	187.0		88.88
18	718	45.38	95.7		93.94
19	813	48.11	89.7		96.09
20	851	148.79	264.8		96.97
21	1,088	80.72	112.4		100.66
22	2,242	19.77	13.4		105.18
23	2,591	21.97	12.8		107.11
24	3,134	16.08	7.8		109.48
25	4,627	12.86	4.2		110.69

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad


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**Electropherogram Summary Continued ...**

**... Peak table for sample 9 : Tricho 25**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	10,380	75.00	10.9	Upper Marker	113.00
27	38,720	0.00	0.0		116.25
28	59,855	0.00	0.0		118.67
29	75,226	0.00	0.0		120.44
30	83,392	0.00	0.0		121.37
31	98,763	0.00	0.0		123.13
32	107,409	0.00	0.0		124.13
33	129,985	0.00	0.0		126.71
34	146,316	0.00	0.0		128.59
35	171,775	0.00	0.0		131.51
36	185,704	0.00	0.0		133.10

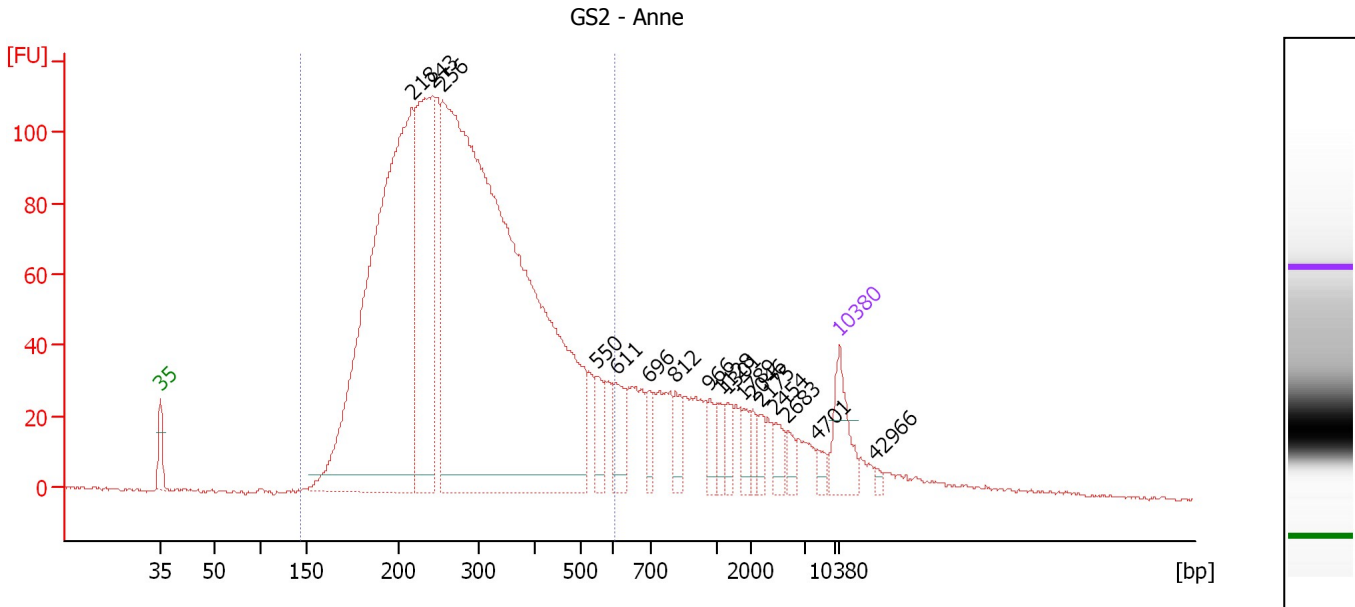
**Region table for sample 9 : Tricho 25**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
135	423	1,000	3,042.2	84	54.8	3,002.62	16,026.6	

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : GS2 - Anne**

Number of peaks found: 17                      Corr. Area 1: 2,675.5  
 Noise: 0.5

**Peak table for sample 10 : GS2 - Anne**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	218	1,653.28	11,509.3		68.93
3	243	640.96	3,990.5		71.08
4	256	2,899.92	17,170.4		72.12
5	550	60.22	165.8		87.95
6	611	67.31	167.0		89.98
7	696	34.46	75.0		93.38
8	812	42.79	79.8		96.08
9	966	32.01	50.2		99.59
10	1,128	26.50	35.6		100.80
11	1,301	30.99	36.1		101.41
12	1,789	26.95	22.8		103.11
13	2,046	19.37	14.3		104.10
14	2,175	21.22	14.8		104.81
15	2,454	30.46	18.8		106.35
16	2,683	18.87	10.7		107.62
17	4,701	14.85	4.8		110.75
18	10,380	75.00	10.9	Upper Marker	113.00
19	42,966	0.00	0.0		116.74

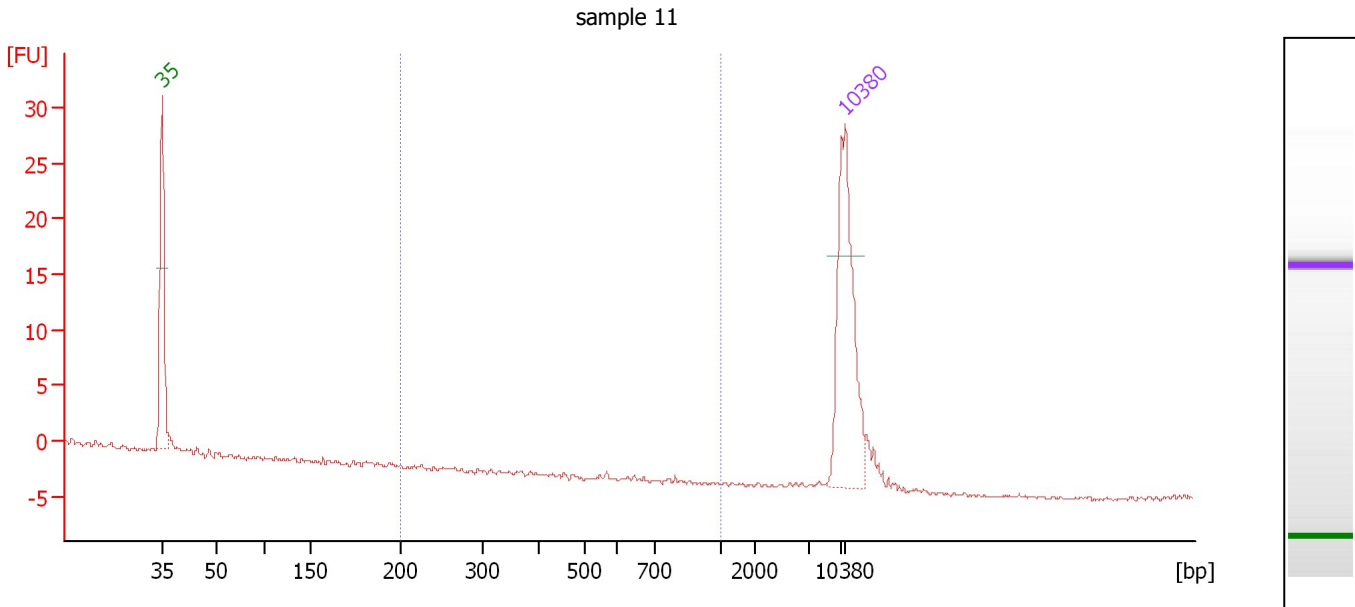
**Region table for sample 10 : GS2 - Anne**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
142	296	606	2,675.5	82	34.7	5,256.92	31,051.0	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : sample 11**

Number of peaks found: 0                      Corr. Area 1: 0.0  
 Noise: 0.2

**Peak table for sample 11 : sample 11**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	10,380	75.00	10.9	Upper Marker	113.00

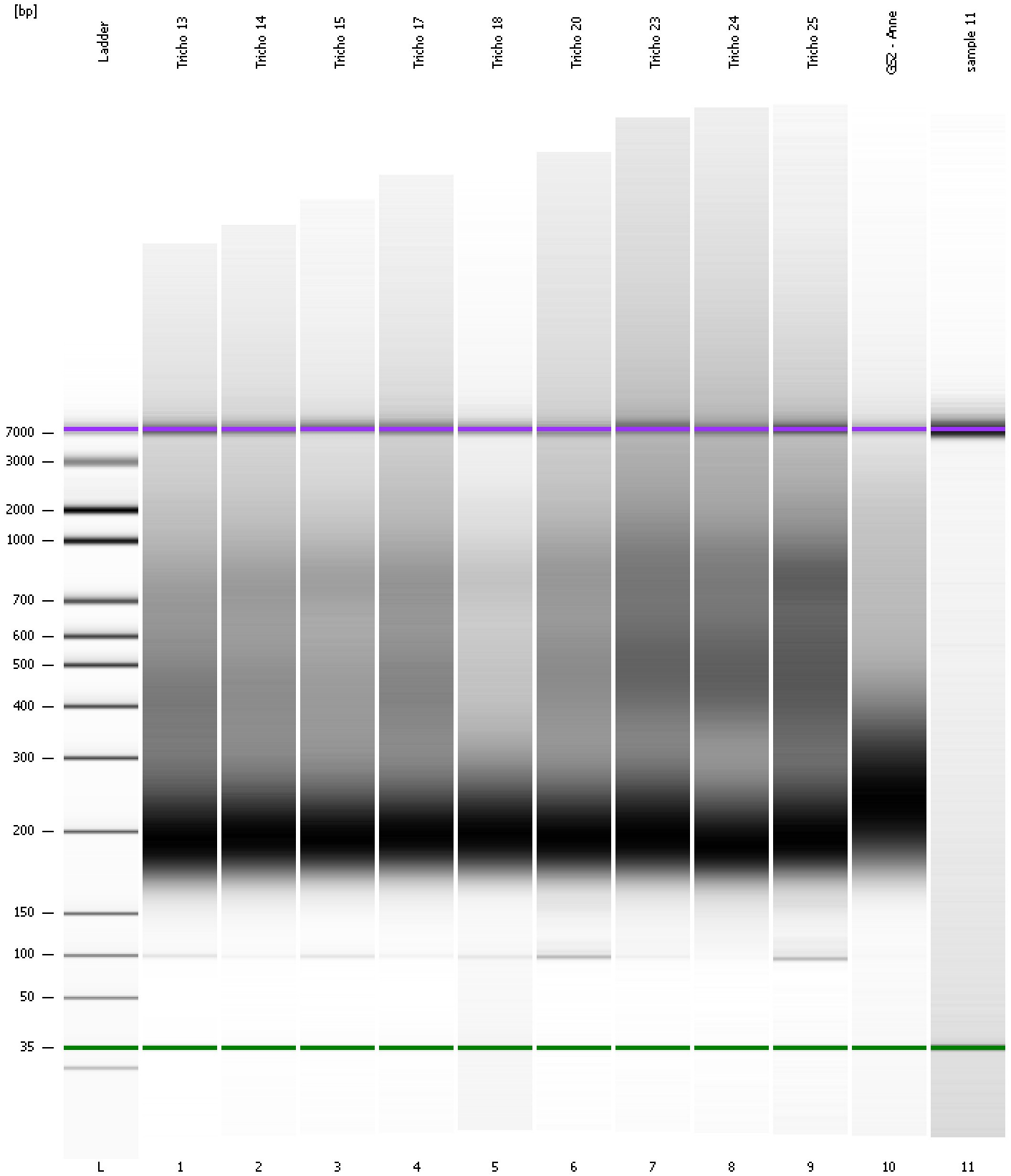
**Region table for sample 11 : sample 11**

From [bp]	Average Size [bp]	To [bp]	Corr. Area	% of Total	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	0	1,000	0.0	0	0.0	0.00	0.0	Blue

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad

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Modified: 2/5/2015 3:14:54 PM

**Gel Image**





Assay Class: High Sensitivity DNA Assay Created: 2/5/2015 2:33:29 PM  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-02-05\2015-02-05\_001.xad Modified: 2/5/2015 3:14:54 PM

**Run Logbook**

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		2/5/2015 3:14:49 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2015-02-05\2015-02-05_001.xad)		Instrument	Run		2/5/2015 2:33:34 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		2/5/2015 2:33:34 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		2/5/2015 2:33:34 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		2/5/2015 2:33:34 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		2/5/2015 2:33:34 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		2/5/2015 2:33:34 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		2/5/2015 2:33:34 PM	(GMT --08:00) Pacific Standard Time	UC Davis	D8XSMGH1