

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-07-19\2019-07-19_001.xad

Created: 7/19/2019 10:26:09 AM
Modified: 7/19/2019 11:07:32 AM

Electrophoresis File Run Summary

Instrument Information:

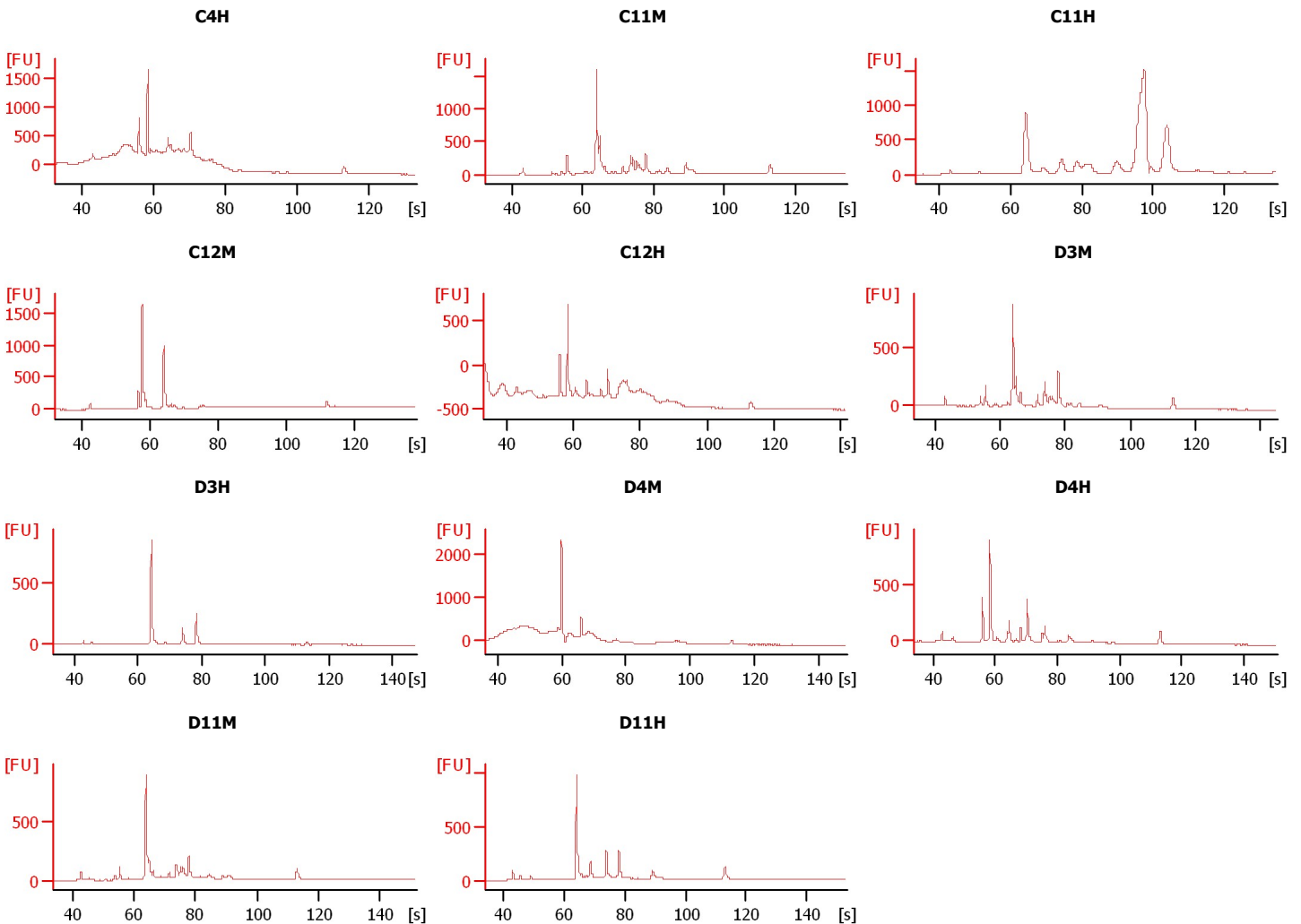
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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:



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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
C4H		<input type="checkbox"/>	✓			
C11M		<input type="checkbox"/>	✓			
C11H		<input type="checkbox"/>	✓			
C12M		<input type="checkbox"/>	✓			
C12H		<input type="checkbox"/>	✓			
D3M		<input type="checkbox"/>	✓			
D3H		<input type="checkbox"/>	✓			
D4M		<input type="checkbox"/>	✓			
D4H		<input type="checkbox"/>	✓			
D11M		<input type="checkbox"/>	✓			
D11H		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

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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

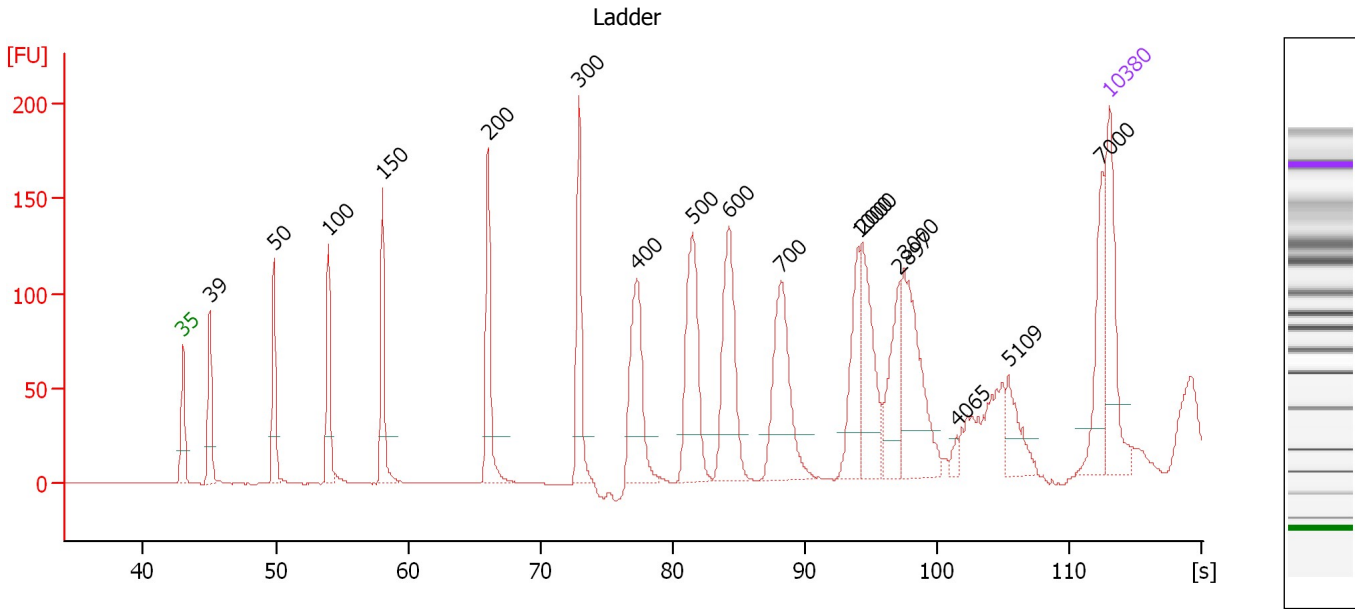
Ladder

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

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Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

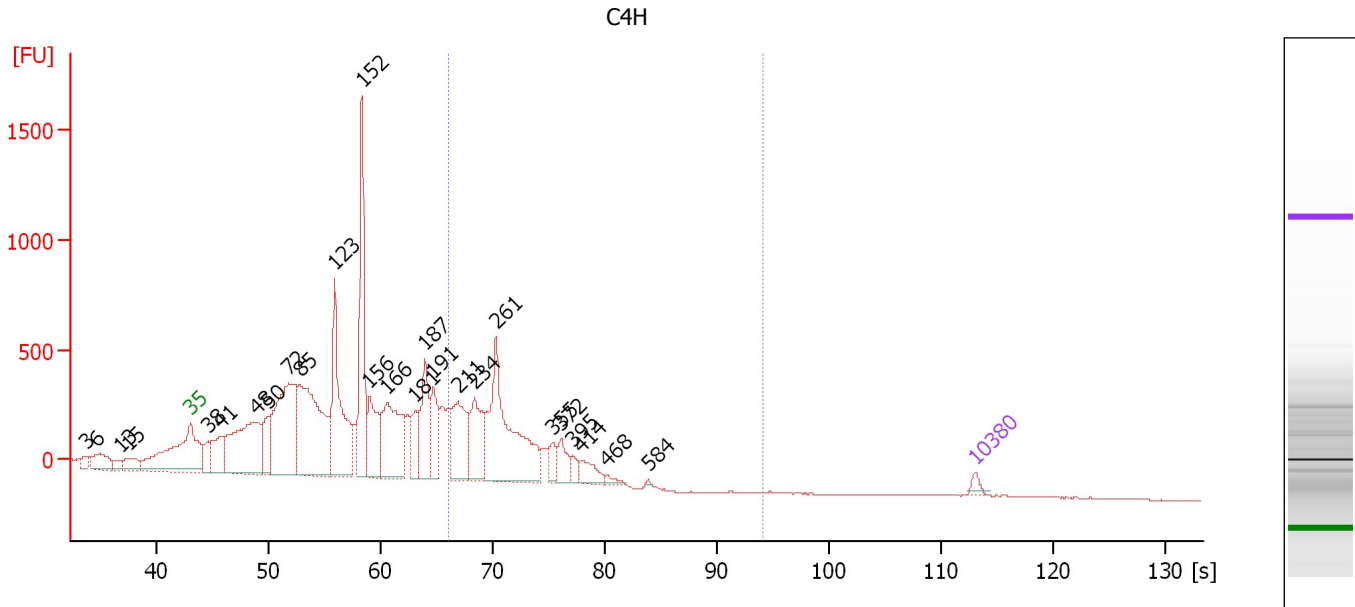
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	39	0.00	0.0		45.03
3	50	150.00	4,545.5	Ladder Peak	49.86
4	100	150.00	2,272.7	Ladder Peak	54.00
5	150	150.00	1,515.2	Ladder Peak	58.06
6	200	150.00	1,136.4	Ladder Peak	66.05
7	300	150.00	757.6	Ladder Peak	72.91
8	400	150.00	568.2	Ladder Peak	77.29
9	500	150.00	454.5	Ladder Peak	81.51
10	600	150.00	378.8	Ladder Peak	84.23
11	700	150.00	324.7	Ladder Peak	88.21
12	1,000	150.00	227.3	Ladder Peak	94.01
13	2,000	150.00	113.6	Ladder Peak	94.33
14	2,897	0.00	0.0		97.17
15	3,000	150.00	75.8	Ladder Peak	97.50
16	4,065	0.00	0.0		101.48
17	5,109	0.00	0.0		105.37
18	7,000	150.00	32.5	Ladder Peak	112.43
19	10,380	75.00	10.9	Upper Marker	113.00

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Electropherogram Summary Continued ...



Overall Results for sample 1 : C4H

Number of peaks found: 26 Corr. Area 1: 3,896.5
 Noise: 1.9

Peak table for sample 1 : C4H

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	3	0.00	0.0		33.76
2	6	0.00	0.0		34.66
3	13	0.00	0.0		36.66
4	15	0.00	0.0		37.42
5	35	125.00	5,411.3	Lower Marker	43.00
6	38	484.65	19,155.1		44.52
7	41	885.44	32,852.2		45.67
8	48	2,961.79	93,436.0		48.96
9	50	738.92	22,370.8		49.86
10	72	3,438.93	71,873.3		51.72
11	85	3,901.77	69,892.5		52.72
12	123	2,853.53	35,143.1		55.87
13	152	2,591.08	25,912.1		58.30
14	156	1,126.76	10,966.2		58.96
15	166	2,132.09	19,517.5		60.54
16	181	581.33	4,857.9		63.06
17	187	1,203.76	9,770.3		63.92
18	191	887.07	7,020.5		64.68
19	211	1,470.63	10,544.2		66.83
20	234	1,098.75	7,127.9		68.35
21	261	3,185.76	18,469.1		70.26
22	355	239.49	1,022.8		75.31
23	372	371.31	1,511.6		76.07
24	395	158.10	606.4		77.07
25	414	325.32	1,190.6		77.88

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Electropherogram Summary Continued ...

... Peak table for sample 1 : C4H

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	468	78.49	254.0		80.17
27	584	15.45	40.1		83.79
28	10,380	75.00	10.9	Upper Marker	113.00

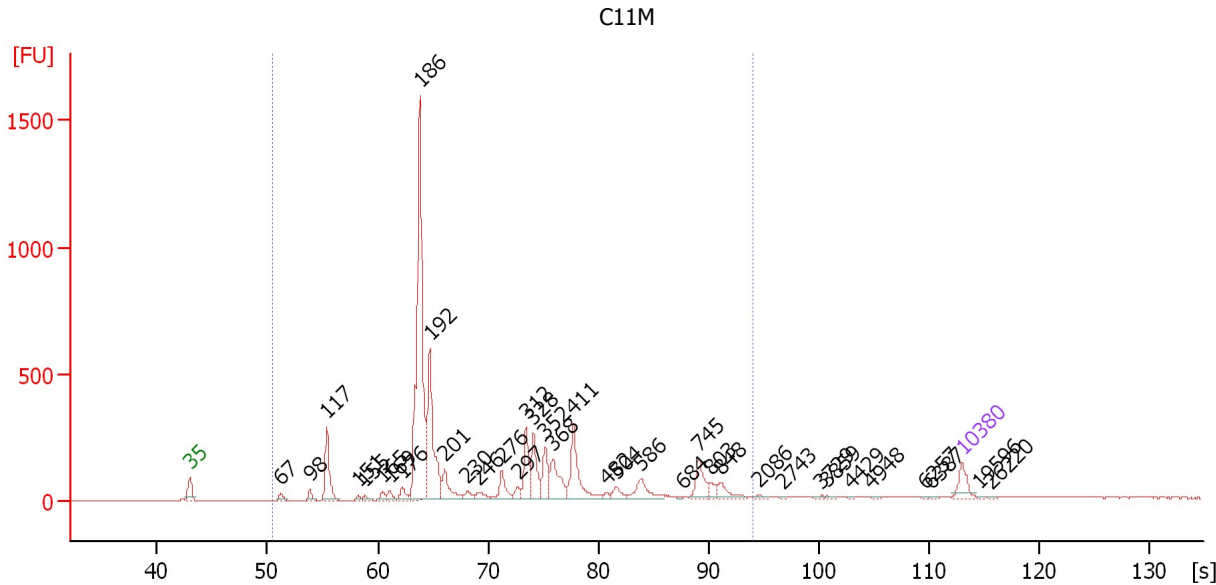
Region table for sample 1 : C4H

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	278	6,188.38	3,896.5	35,255.4	 25	21.9

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Electropherogram Summary Continued ...



Overall Results for sample 2 : C11M

Number of peaks found: 37 Corr. Area 1: 4,471.0
 Noise: 1.0

Peak table for sample 2 : C11M

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	67	31.39	714.5		51.23
3	98	42.45	655.3		53.84
4	117	325.39	4,206.7		55.39
5	151	17.00	170.3		58.25
6	155	16.67	162.8		58.88
7	165	34.29	315.2		60.43
8	169	42.20	378.2		61.11
9	176	61.42	528.7		62.22
10	186	1,724.07	14,041.8		63.82
11	192	720.96	5,695.7		64.74
12	201	164.07	1,239.2		66.09
13	230	46.50	306.0		68.12
14	246	44.59	274.1		69.24
15	276	121.79	668.2		71.27
16	297	45.02	229.4		72.72
17	312	201.89	979.2		73.45
18	328	209.05	966.1		74.13
19	352	155.42	668.7		75.19
20	368	207.89	856.9		75.87
21	411	292.44	1,077.8		77.76
22	482	20.85	65.5		80.76
23	504	52.04	156.3		81.63
24	586	120.34	311.0		83.86
25	684	7.36	16.3		87.59

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Electropherogram Summary Continued ...

... Peak table for sample 2 : C11M

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	745	137.41	279.3		89.09
27	803	44.97	84.8		90.20
28	848	73.19	130.8		91.07
29	2,086	13.44	9.8		94.60
30	2,743	4.99	2.8		96.69
31	3,729	7.26	2.9		100.22
32	3,859	7.37	2.9		100.70
33	4,429	2.89	1.0		102.83
34	4,948	3.46	1.1		104.77
35	6,257	2.57	0.6		109.66
36	6,387	3.14	0.7		110.14
37	10,380	75.00	10.9	Upper Marker	113.00
38	19,596	0.00	0.0		114.55
39	26,220	0.00	0.0		115.66

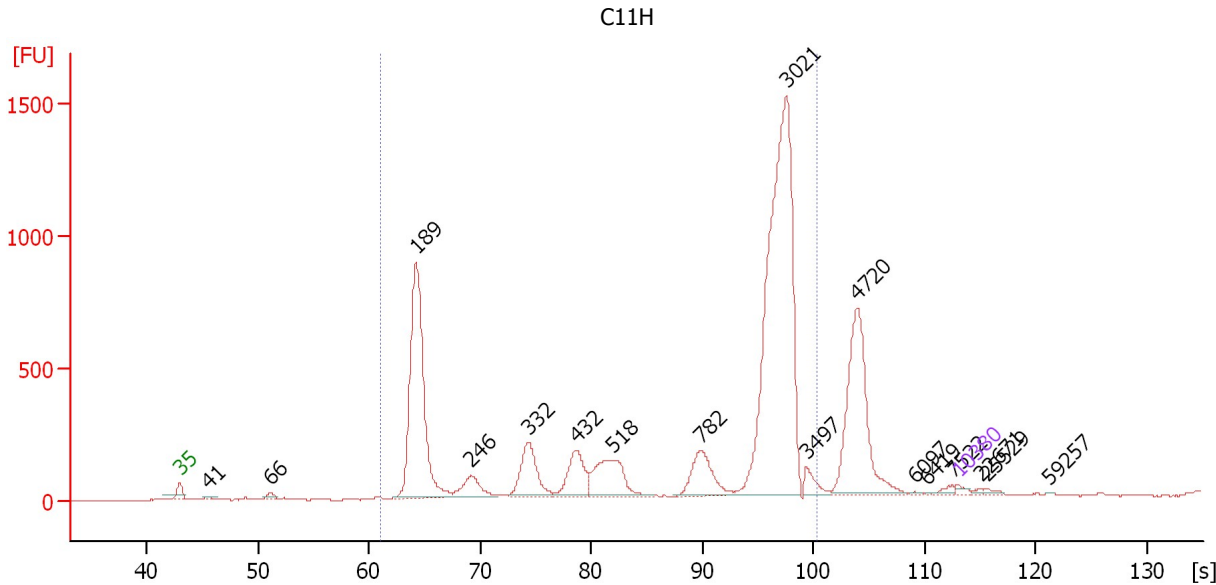
Region table for sample 2 : C11M

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
56	1,000	316	5,011.16	4,471.0	35,108.7	96	61.4

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Electropherogram Summary Continued ...



Overall Results for sample 3 : C11H

Number of peaks found: 17 Corr. Area 1: 8,176.0
 Noise: 1.6

Peak table for sample 3 : C11H

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	41	79.61	2,973.1		45.55
3	66	166.92	3,842.4		51.17
4	189	8,213.81	65,862.8		64.28
5	246	907.62	5,596.8		69.18
6	332	1,668.43	7,606.4		74.32
7	432	1,289.60	4,521.0		78.65
8	518	1,661.91	4,856.9		82.01
9	782	1,250.08	2,421.6		89.79
10	3,021	9,331.73	4,679.8		97.58
11	3,497	294.73	127.7		99.36
12	4,720	3,344.26	1,073.5		103.92
13	6,097	25.14	6.2		109.06
14	6,419	10.09	2.4		110.26
15	7,522	90.20	18.2		112.52
16	10,380	75.00	10.9	Upper Marker	113.00
17	22,671	0.00	0.0		115.07
18	25,529	0.00	0.0		115.55
19	59,257	0.00	0.0		121.22

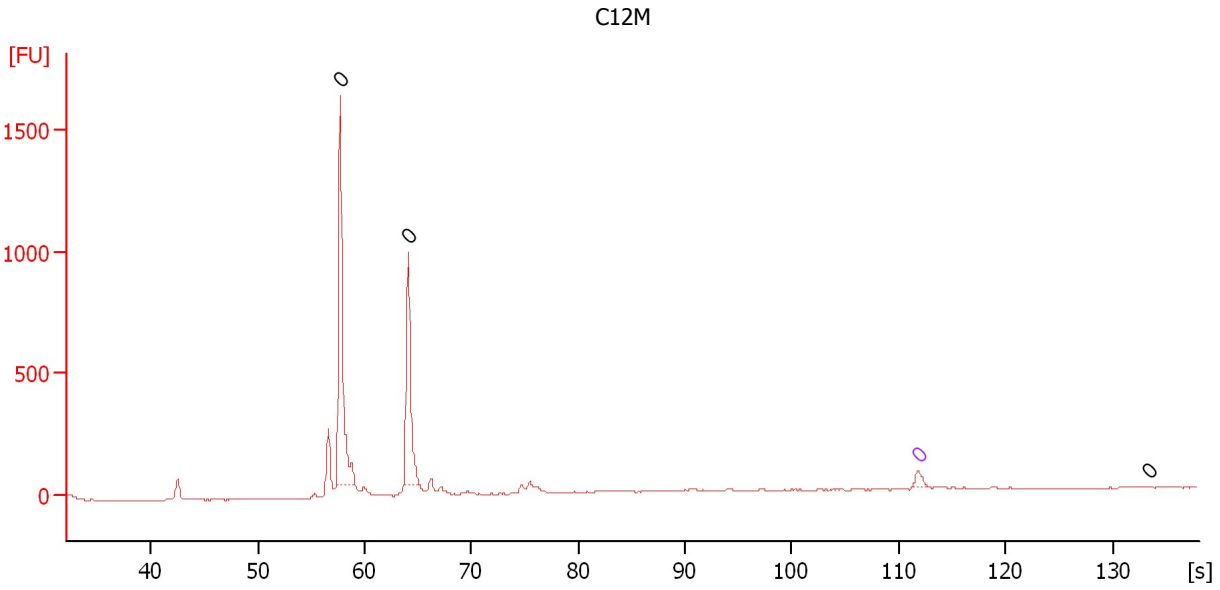
Region table for sample 3 : C11H

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
169	3,736	1,760	24,356.47	8,176.0	94,739.9	84	70.3

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Electropherogram Summary Continued ...



Setpoint Deviations for sample 4 : C12M

Height Threshold [FU] : 0.2

Overall Results for sample 4 : C12M

Number of peaks found: 0 Noise: 1.9

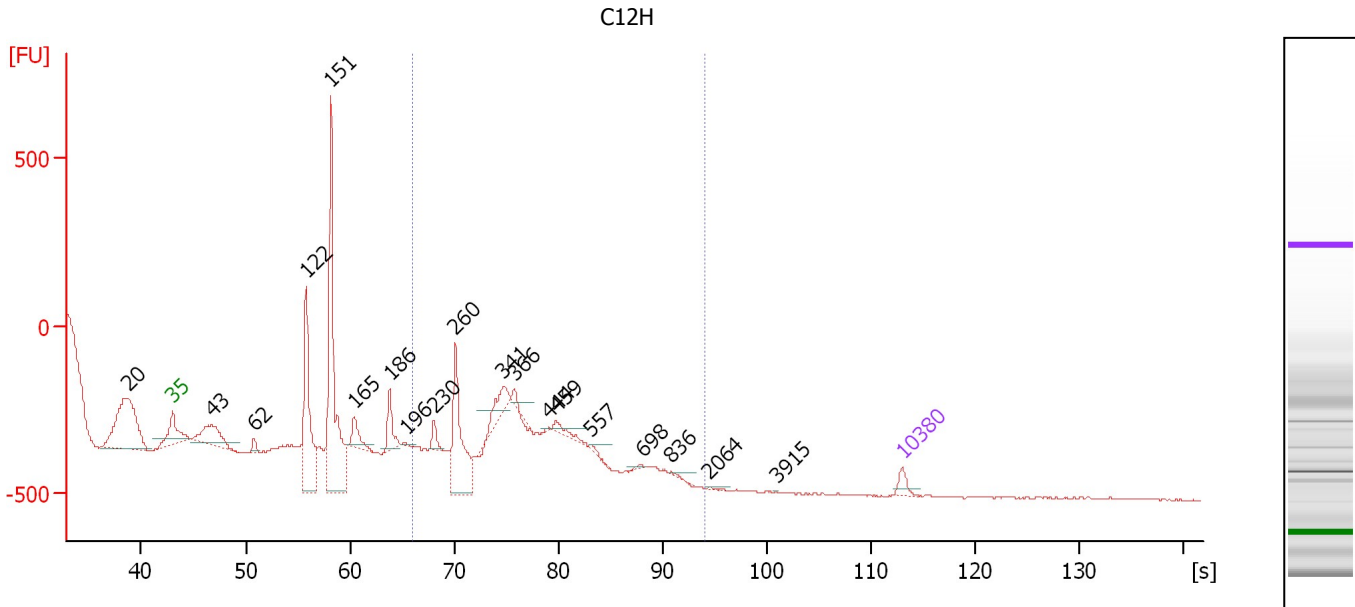
Peak table for sample 4 : C12M

Pea k	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	0	0.00	0.0		57.75
2	0	0.00	0.0		64.10
3	0	0.00	0.0	Upper Marker	111.85
4	0	0.00	0.0		133.45

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Electropherogram Summary Continued ...



Overall Results for sample 5 : C12H

Number of peaks found: 19 Corr. Area 1: 205.8
 Noise: 2.3

Peak table for sample 5 : C12H

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	20	0.00	0.0		38.73
2	35	125.00	5,411.3	Lower Marker	43.00
3	43	649.30	22,766.5		46.75
4	62	88.55	2,178.2		50.82
5	122	1,606.48	19,902.7		55.81
6	151	2,688.58	27,024.9		58.17
7	165	266.40	2,447.9		60.44
8	186	299.35	2,436.9		63.83
9	196	12.76	98.6		65.42
10	230	125.23	825.4		68.10
11	260	1,105.41	6,444.5		70.16
12	341	269.72	1,200.2		74.68
13	366	41.66	172.3		75.81
14	444	9.80	33.4		79.16
15	459	98.60	325.6		79.77
16	557	16.75	45.6		83.07
17	698	14.41	31.3		88.11
18	836	10.41	18.9		90.83
19	2,064	5.61	4.1		94.54
20	3,915	2.29	0.9		100.91
21	10,380	75.00	10.9	Upper Marker	113.00

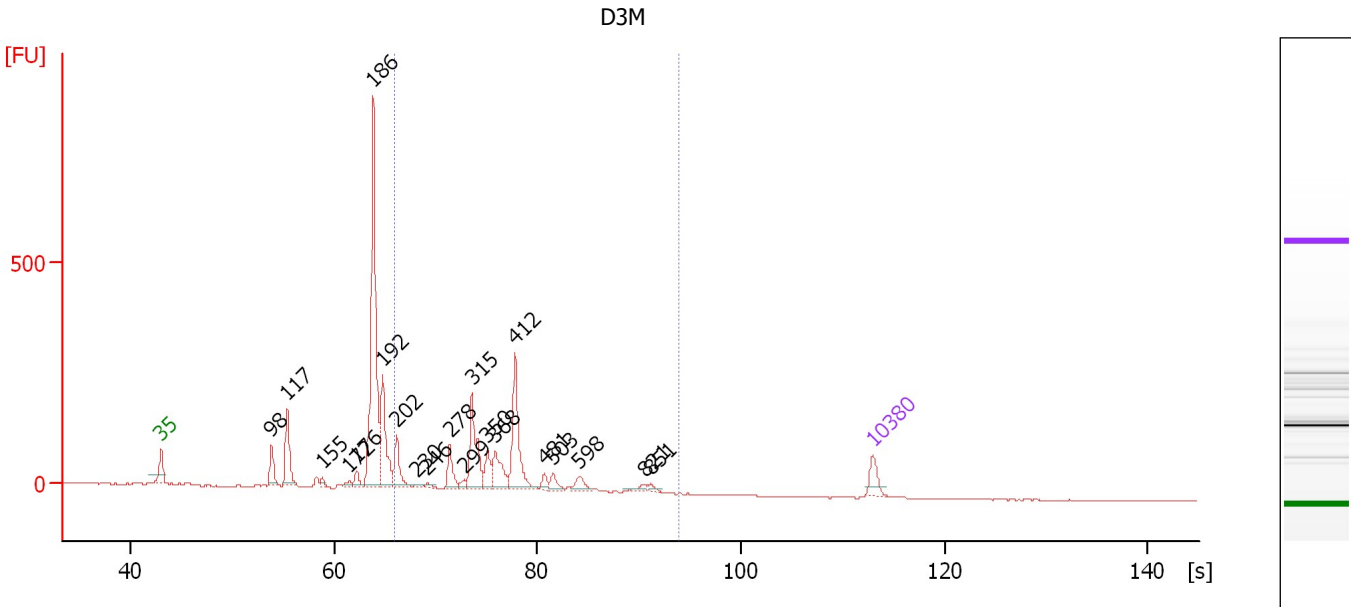
Region table for sample 5 : C12H

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	322	359.16	205.8	1,742.1	26	13.4

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Electropherogram Summary Continued ...



Overall Results for sample 6 : D3M

Number of peaks found: 21 Corr. Area 1: 1,092.4
 Noise: 0.6

Peak table for sample 6 : D3M

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	98	149.91	2,310.1		53.86
3	117	307.34	3,975.8		55.39
4	155	25.73	250.9		58.92
5	172	27.09	239.3		61.50
6	176	58.24	501.8		62.19
7	186	1,454.64	11,824.5		63.87
8	192	454.59	3,581.3		64.82
9	202	201.70	1,512.2		66.19
10	230	17.70	116.7		68.09
11	246	20.73	127.7		69.20
12	278	134.61	733.2		71.41
13	299	30.07	152.4		72.83
14	315	359.38	1,727.6		73.57
15	350	113.54	491.4		75.10
16	368	188.85	777.4		75.89
17	412	419.76	1,544.3		77.79
18	481	40.13	126.5		80.69
19	503	52.02	156.8		81.58
20	598	57.51	145.8		84.17
21	821	27.66	51.1		90.55
22	851	18.20	32.4		91.13
23	10,380	75.00	10.9	Upper Marker	113.00

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Electropherogram Summary Continued ...

... Region table for sample 6 :

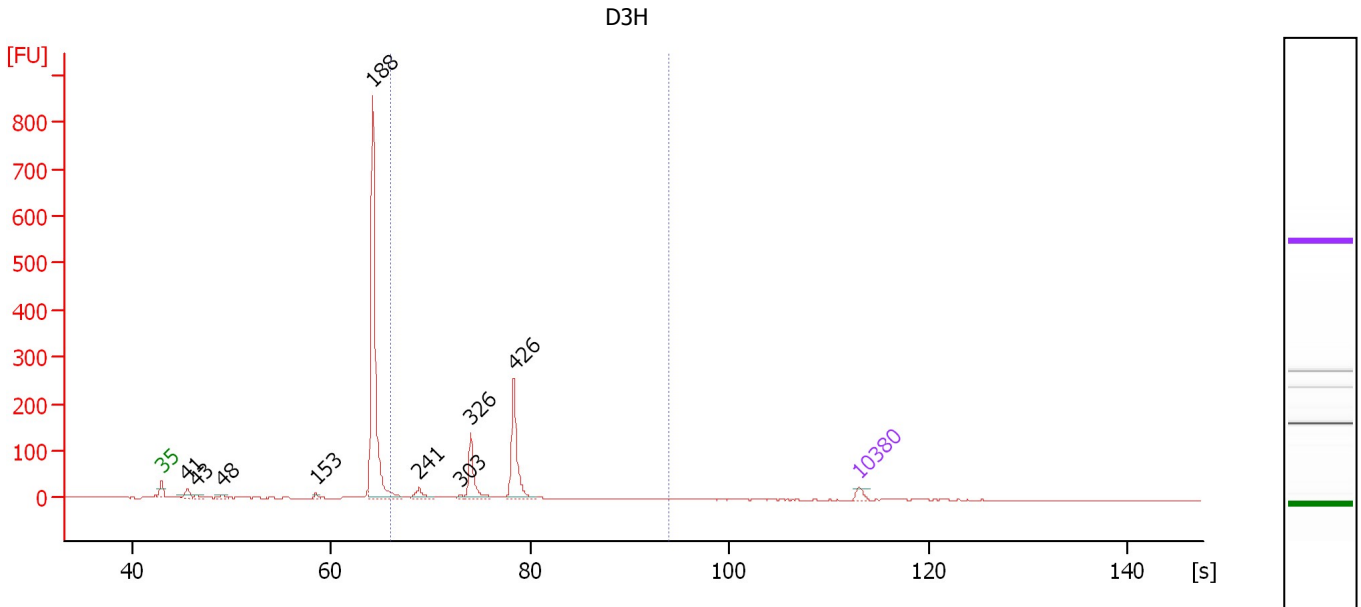
D3M

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	389	1,728.09	1,092.4	7,595.9	 45	33.6

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Electropherogram Summary Continued ...



Overall Results for sample 7 : D3H

Number of peaks found: 9 Corr. Area 1: 405.5
 Noise: 0.4

Peak table for sample 7 : D3H

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	41	180.82	6,737.6		45.59
3	43	70.80	2,514.2		46.51
4	48	59.96	1,879.9		49.09
5	153	49.64	492.7		58.48
6	188	4,203.39	33,805.0		64.19
7	241	173.54	1,089.4		68.89
8	303	36.60	183.0		73.04
9	326	621.87	2,887.0		74.06
10	426	1,035.74	3,685.8		78.38
11	10,380	75.00	10.9	Upper Marker	113.00

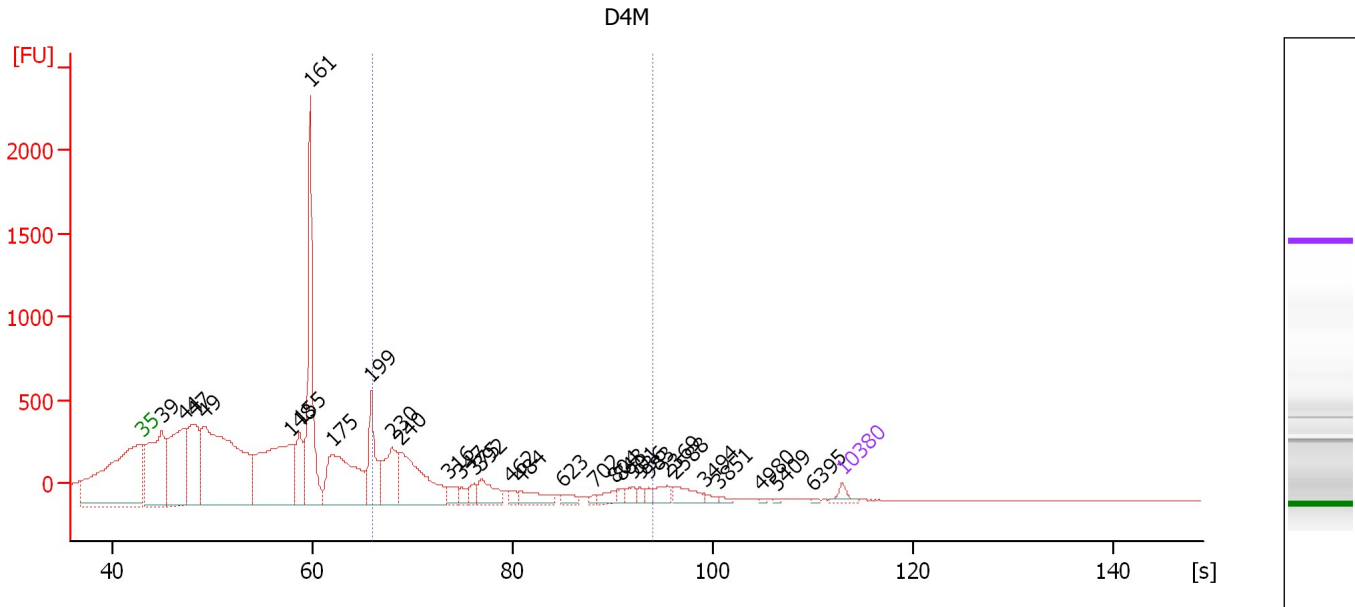
Region table for sample 7 : D3H

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	381	2,120.09	405.5	9,095.8	36	21.6

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Electropherogram Summary Continued ...



Overall Results for sample 8 : D4M

Number of peaks found: 31 Corr. Area 1: 1,645.4
 Noise: 1.4

Peak table for sample 8 : D4M

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	39	2,737.92	105,196.2		45.03
3	44	2,342.04	80,037.9		47.27
4	47	1,778.32	57,878.4		48.28
5	49	5,219.74	162,162.1		49.30
6	148	2,961.38	30,335.0		57.89
7	155	852.61	8,355.2		58.79
8	161	2,544.18	23,900.3		59.86
9	175	1,965.49	16,987.8		62.10
10	199	861.09	6,545.3		65.94
11	230	880.94	5,814.5		68.08
12	240	1,412.68	8,901.8		68.82
13	316	161.56	773.7		73.63
14	347	104.96	458.5		74.96
15	375	127.97	517.3		76.19
16	392	319.71	1,236.2		76.93
17	462	82.55	270.5		79.92
18	484	246.59	772.2		80.83
19	623	82.89	201.5		85.15
20	702	31.57	68.1		88.24
21	804	117.56	221.5		90.22
22	843	54.37	97.8		90.96
23	901	89.69	150.9		92.09
24	936	54.69	88.5		92.78
25	983	49.27	75.9		93.69

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 Data Path: C:\... bioanalyzer\2100 expert\data\2019-07-19\2019-07-19_001.xad

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 Modified: 7/19/2019 11:07:32 AM

Electropherogram Summary Continued ...

... Peak table for sample 8 : D4M

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,369	118.31	75.7		95.50
27	2,588	168.86	98.9		96.19
28	3,494	39.11	17.0		99.34
29	3,851	28.40	11.2		100.68
30	4,980	10.66	3.2		104.89
31	5,409	10.03	2.8		106.49
32	6,395	10.52	2.5		110.17
33	10,380	75.00	10.9	Upper Marker	113.00

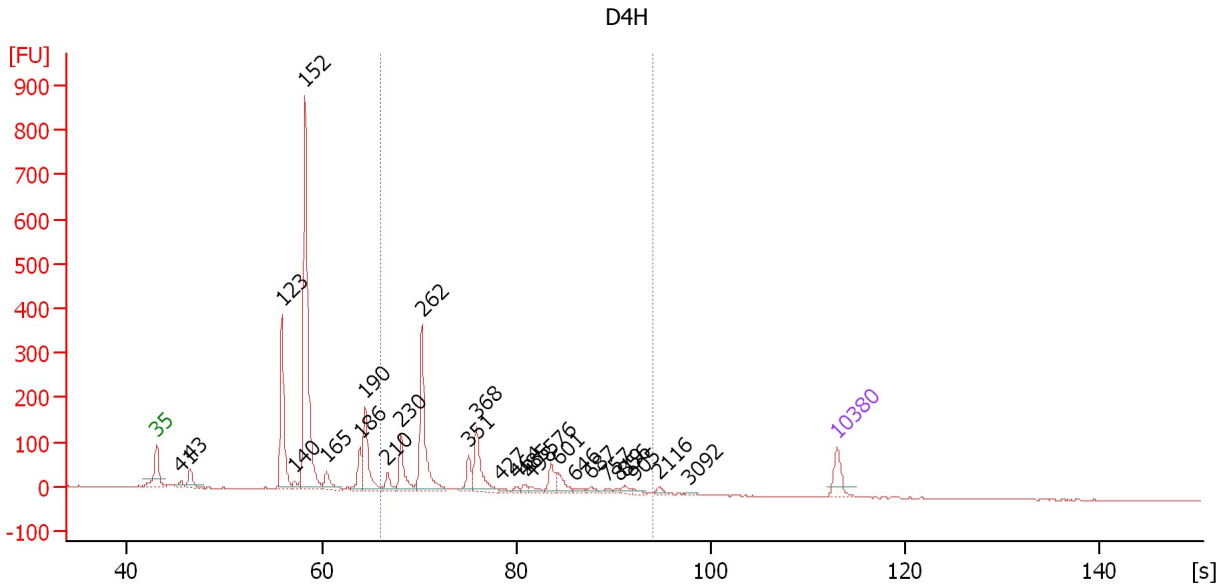
Region table for sample 8 : D4M

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	277	1,655.79	1,645.4	10,251.0	12	54.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-07-19\2019-07-19_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : D4H

Number of peaks found: 27 Corr. Area 1: 952.2
 Noise: 0.7

Peak table for sample 9 : D4H

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	41	41.84	1,563.5		45.54
3	43	92.73	3,298.3		46.47
4	123	527.02	6,470.1		55.90
5	140	39.61	429.5		57.22
6	152	1,286.09	12,847.4		58.32
7	165	83.72	766.6		60.53
8	186	104.03	845.2		63.89
9	190	269.87	2,148.8		64.50
10	210	52.43	377.7		66.76
11	230	168.94	1,111.0		68.13
12	262	452.45	2,619.1		70.28
13	351	82.78	357.5		75.13
14	368	185.95	764.8		75.91
15	427	8.07	28.6		78.44
16	464	14.05	45.9		79.98
17	485	17.46	54.6		80.87
18	498	20.16	61.4		81.42
19	576	59.31	156.1		83.57
20	601	55.34	139.4		84.28
21	646	14.84	34.8		86.05
22	687	16.72	36.9		87.70
23	757	13.86	27.8		89.30
24	819	10.93	20.2		90.51
25	856	19.12	33.8		91.23

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-07-19\2019-07-19_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 9 : D4H

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	905	9.56	16.0		92.17
27	2,116	12.54	9.0		94.70
28	3,092	5.13	2.5		97.84
29	10,380	75.00	10.9	Upper Marker	113.00

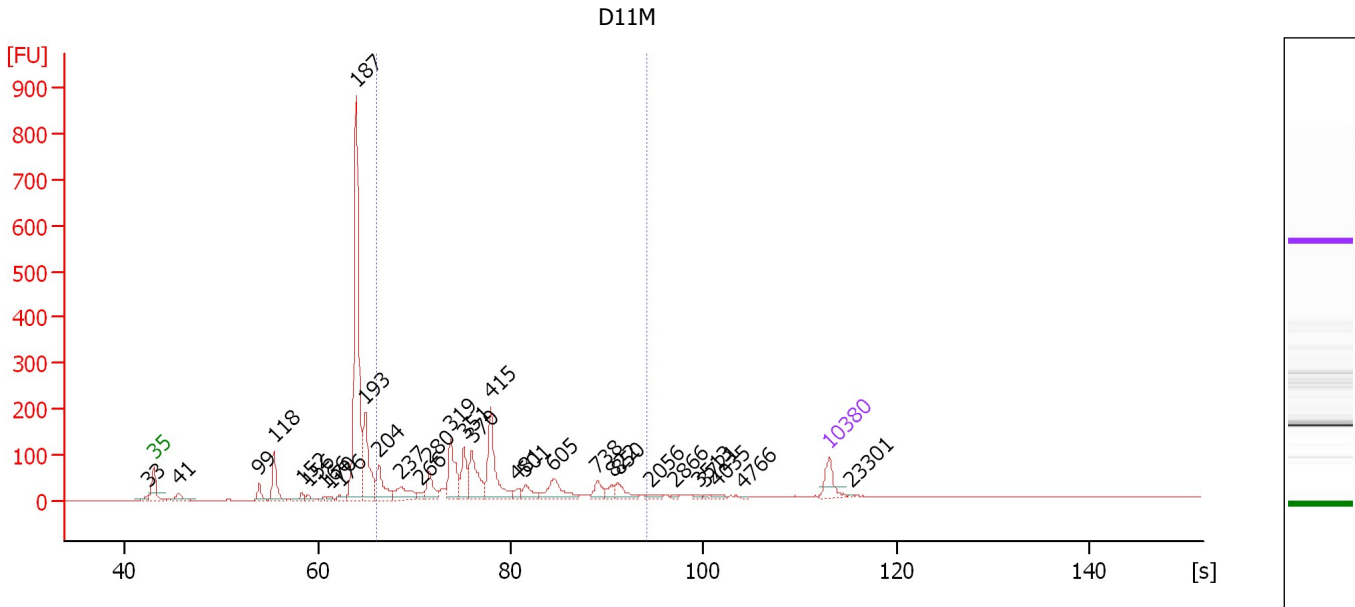
Region table for sample 9 : D4H

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	393	1,234.73	952.2	5,913.4	37	45.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-07-19\2019-07-19_001.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : D11M

Number of peaks found: 32 Corr. Area 1: 1,168.5
 Noise: 0.8

Peak table for sample 10 : D11M

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	33	0.00	0.0		42.33
2	35	125.00	5,411.3	Lower Marker	43.00
3	41	70.42	2,627.8		45.56
4	99	62.29	953.3		53.91
5	118	179.70	2,303.5		55.47
6	152	29.61	295.2		58.37
7	156	20.43	198.7		58.98
8	166	9.56	87.3		60.60
9	170	18.02	160.8		61.21
10	176	23.22	199.5		62.27
11	187	1,239.99	10,057.6		63.94
12	193	348.67	2,741.2		64.89
13	204	159.86	1,186.5		66.33
14	237	124.15	792.2		68.62
15	266	27.88	158.9		70.57
16	280	101.35	547.5		71.57
17	319	212.93	1,011.4		73.74
18	351	130.70	564.6		75.13
19	370	196.06	803.3		75.97
20	415	292.24	1,067.3		77.92
21	481	28.14	88.7		80.70
22	501	57.28	173.2		81.54
23	605	118.34	296.3		84.43
24	738	53.89	110.6		88.94
25	822	30.13	55.6		90.56

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-07-19\2019-07-19_001.xad

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Electropherogram Summary Continued ...

... Peak table for sample 10 : D11M

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	850	58.43	104.1		91.11
27	2,056	13.61	10.0		94.51
28	2,866	5.31	2.8		97.07
29	3,513	6.36	2.7		99.41
30	3,721	4.88	2.0		100.19
31	4,035	10.65	4.0		101.36
32	4,766	3.52	1.1		104.09
33	10,380	75.00	10.9	Upper Marker	113.00
34	23,301	0.00	0.0		115.17

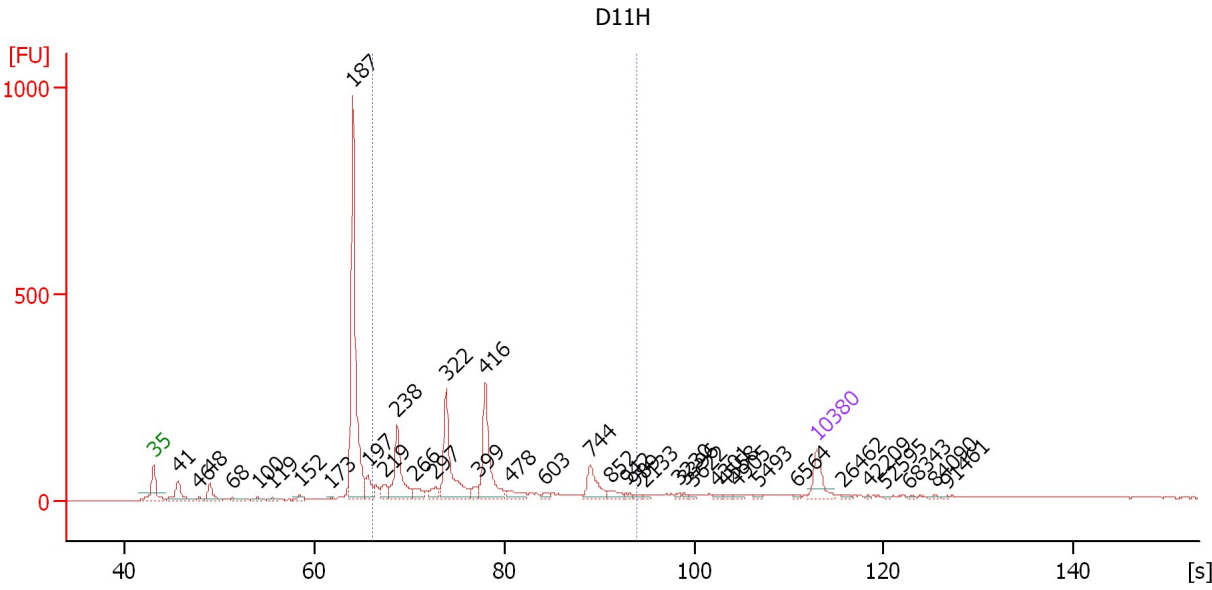
Region table for sample 10 : D11M

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	437	1,621.95	1,168.5	6,849.9	47	41.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-07-19\2019-07-19_001.xad

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 Modified: 7/19/2019 11:07:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : D11H

Number of peaks found: 38 Corr. Area 1: 1,338.9
 Noise: 1.2

Peak table for sample 11 : D11H

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	41	111.40	4,150.7		45.59
3	46	9.31	309.6		47.84
4	48	70.72	2,229.8		48.97
5	68	16.77	374.6		51.33
6	100	9.83	149.3		53.98
7	119	9.34	119.3		55.50
8	152	13.18	131.1		58.43
9	173	7.17	62.7		61.75
10	187	990.31	8,014.5		64.01
11	197	76.36	587.1		65.58
12	219	47.93	332.1		67.33
13	238	253.46	1,611.1		68.68
14	266	44.26	251.8		70.59
15	297	38.31	195.1		72.73
16	322	316.92	1,492.4		73.86
17	399	34.39	130.6		77.24
18	416	272.34	991.5		77.97
19	478	38.95	123.6		80.56
20	603	13.94	35.0		84.34
21	744	97.56	198.6		89.07
22	852	28.08	49.9		91.15
23	942	9.28	14.9		92.90
24	989	8.47	13.0		93.80
25	2,133	6.35	4.5		94.75

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-07-19\2019-07-19_001.xad

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 Modified: 7/19/2019 11:07:32 AM

Electropherogram Summary Continued ...

... Peak table for sample 11 : D11H

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	3,230	6.61	3.1		98.36
27	3,396	5.78	2.6		98.98
28	3,622	6.33	2.6		99.82
29	4,301	6.39	2.3		102.36
30	4,558	6.10	2.0		103.31
31	4,905	8.18	2.5		104.61
32	5,493	5.78	1.6		106.81
33	6,564	4.32	1.0		110.80
34	10,380	75.00	10.9	Upper Marker	113.00
35	26,462	0.00	0.0		115.70
36	42,209	0.00	0.0		118.35
37	52,595	0.00	0.0		120.10
38	68,343	0.00	0.0		122.74
39	84,090	0.00	0.0		125.39
40	91,461	0.00	0.0		126.63

Region table for sample 11 : D11H

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	426	1,336.59	1,338.9	5,928.7	49	44.9

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-07-19\2019-07-19_001.xad

Created: 7/19/2019 10:26:09 AM
Modified: 7/19/2019 11:07:32 AM

Gel Image

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-07-19\2019-07-19_001.xad

Created: 7/19/2019 10:26:09 AM
 Modified: 7/19/2019 11:07:32 AM

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		7/19/2019 11:07:29 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2019-07-19\2019-07-19_001.xad)		Instrument	Run		7/19/2019 10:26:15 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938C		Instrument	Run		7/19/2019 10:26:15 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		7/19/2019 10:26:15 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		7/19/2019 10:26:15 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE34903152		Instrument	Run		7/19/2019 10:26:15 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		7/19/2019 10:26:15 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		7/19/2019 10:26:15 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1