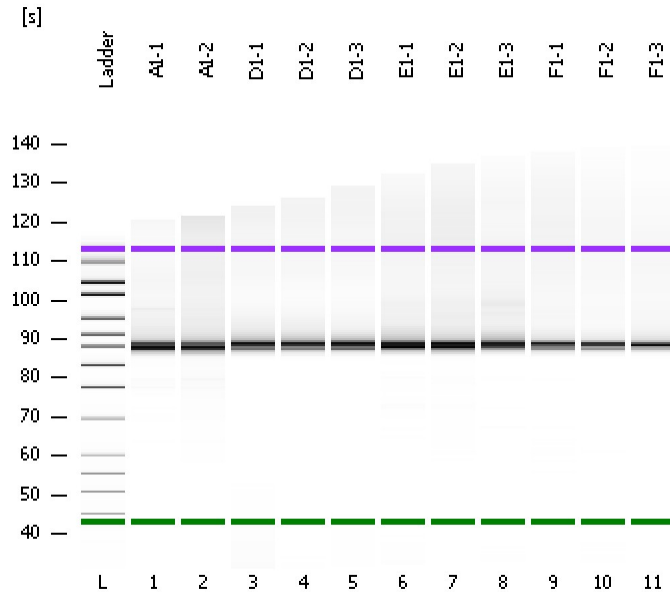


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
Modified: 9/5/2019 11:16:52 AM

Electrophoresis File Run Summary



Instrument Information:

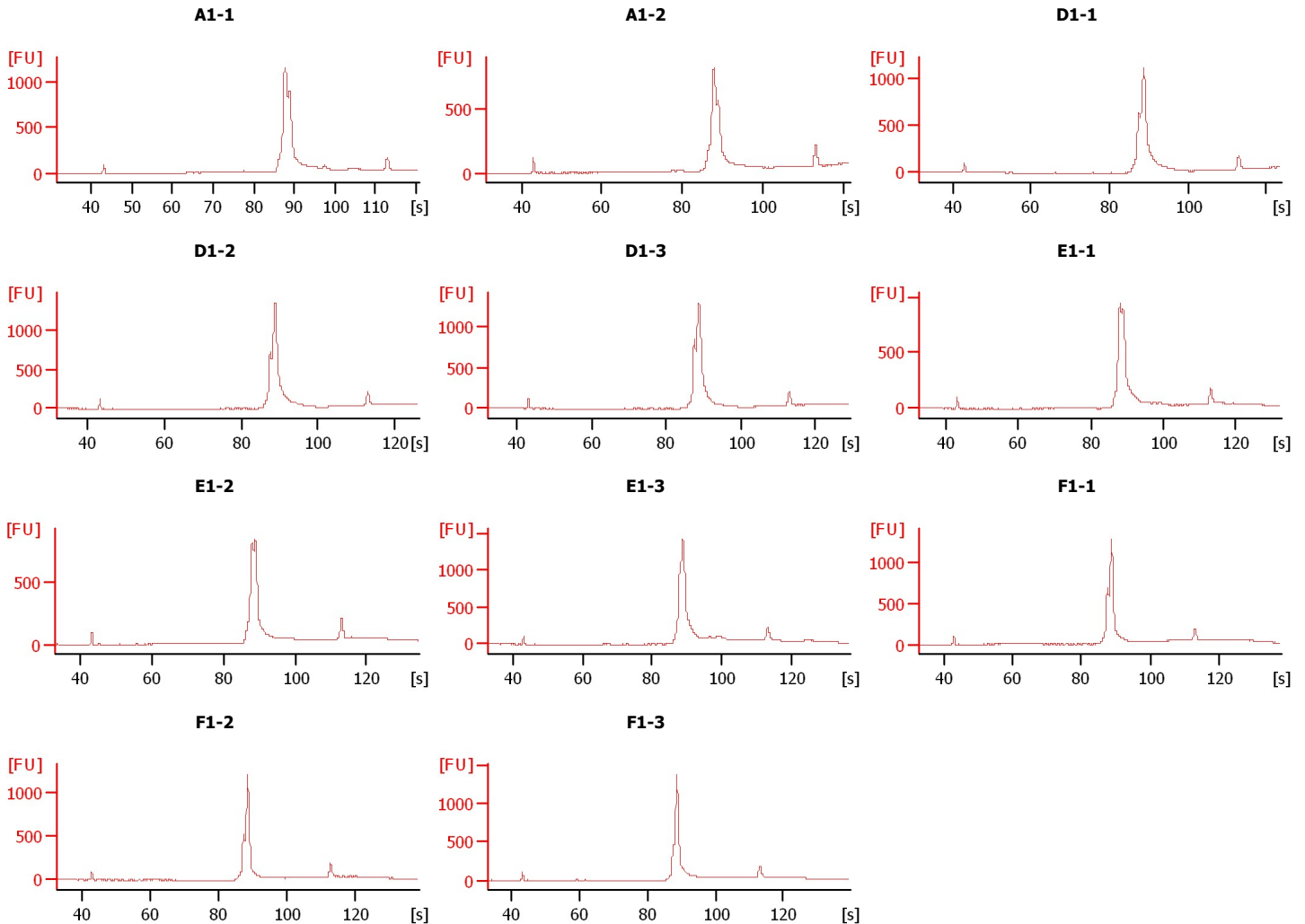
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
 Modified: 9/5/2019 11:16:52 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
A1-1		<input type="checkbox"/>	✓			
A1-2		<input type="checkbox"/>	✓			
D1-1		<input type="checkbox"/>	✓			
D1-2		<input type="checkbox"/>	✓			
D1-3		<input type="checkbox"/>	✓			
E1-1		<input type="checkbox"/>	✓			
E1-2		<input type="checkbox"/>	✓			
E1-3		<input type="checkbox"/>	✓			
F1-1		<input type="checkbox"/>	✓			
F1-2		<input type="checkbox"/>	✓			
F1-3		<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\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
Modified: 9/5/2019 11:16:52 AM

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

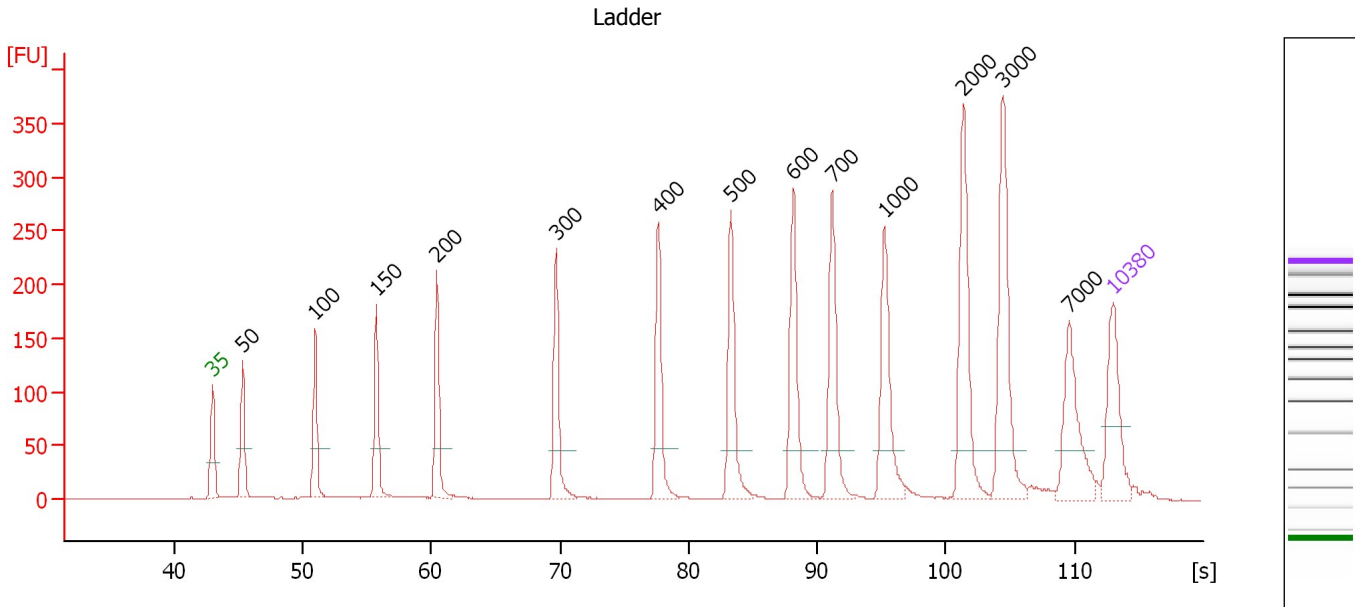
Ladder

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\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
 Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

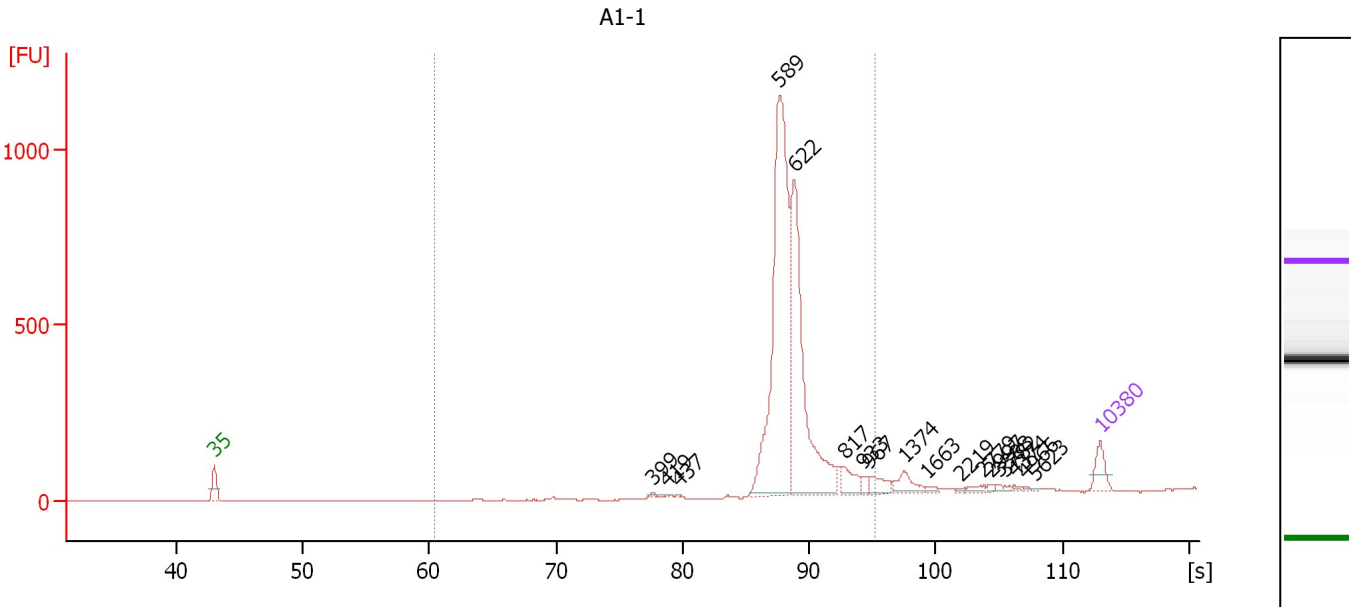
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.34
3	100	150.00	2,272.7	Ladder Peak	50.97
4	150	150.00	1,515.2	Ladder Peak	55.73
5	200	150.00	1,136.4	Ladder Peak	60.45
6	300	150.00	757.6	Ladder Peak	69.71
7	400	150.00	568.2	Ladder Peak	77.65
8	500	150.00	454.5	Ladder Peak	83.28
9	600	150.00	378.8	Ladder Peak	88.16
10	700	150.00	324.7	Ladder Peak	91.17
11	1,000	150.00	227.3	Ladder Peak	95.22
12	2,000	150.00	113.6	Ladder Peak	101.35
13	3,000	150.00	75.8	Ladder Peak	104.44
14	7,000	150.00	32.5	Ladder Peak	109.58
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
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Electropherogram Summary Continued ...



Overall Results for sample 1 : A1-1

Number of peaks found: 18 Corr. Area 1: 3,338.5
 Noise: 0.3

Peak table for sample 1 : A1-1

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	399	9.57	36.3		77.60
3	419	2.84	10.2		78.74
4	437	4.28	14.8		79.71
5	589	1,737.45	4,467.2		87.64
6	622	1,165.88	2,840.4		88.82
7	817	99.37	184.3		92.75
8	933	29.82	48.4		94.31
9	967	68.38	107.1		94.77
10	1,374	78.88	87.0		97.51
11	1,663	14.14	12.9		99.29
12	2,219	6.36	4.3		102.03
13	2,779	18.50	10.1		103.76
14	2,997	9.58	4.8		104.43
15	3,388	7.15	3.2		104.94
16	3,782	8.43	3.4		105.45
17	4,374	7.46	2.6		106.21
18	4,966	5.36	1.6		106.97
19	5,623	3.42	0.9		107.81
20	10,380	75.00	10.9	Upper Marker	113.00

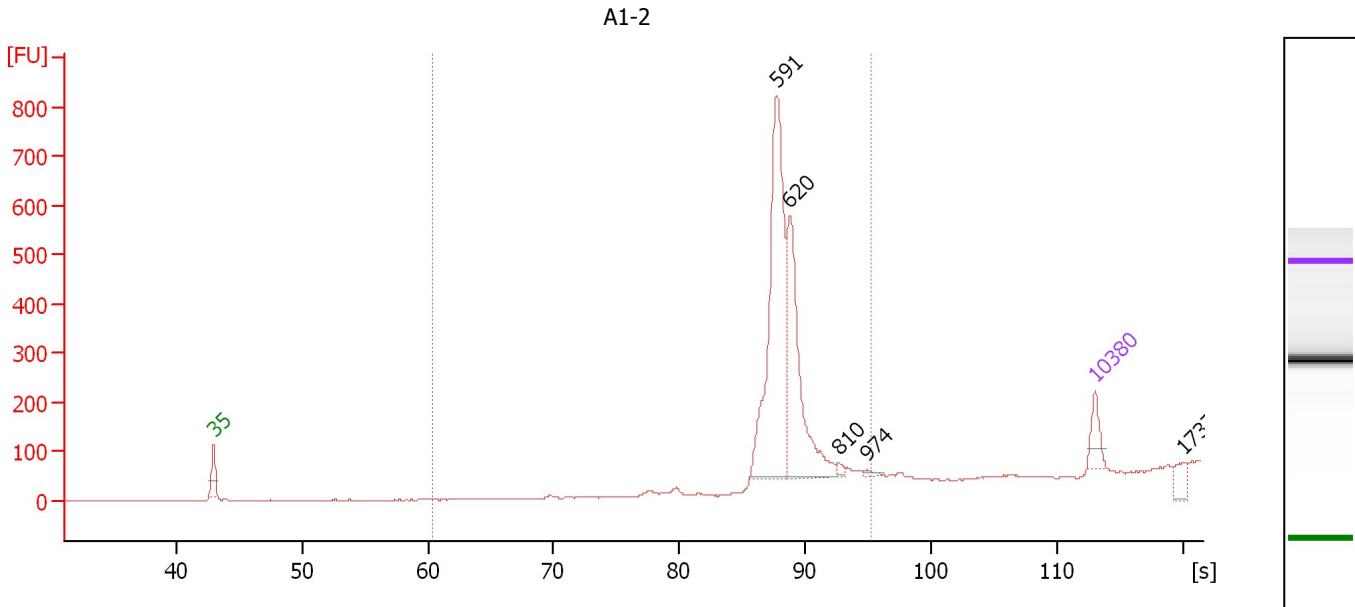
Region table for sample 1 : A1-1

From [s]	To [s]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.45	95.22	626	3,029.20	3,338.5	7,410.1	93	11.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
 Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : A1-2

Number of peaks found: 5 Corr. Area 1: 2,010.4
 Noise: 0.9

Peak table for sample 2 : A1-2

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	591	1,087.96	2,791.1		87.70
3	620	674.36	1,647.5		88.77
4	810	17.87	33.4		92.65
5	974	9.83	15.3		94.87
6	10,380	75.00	10.9	Upper Marker	113.00
7	17,373	0.00	0.0		120.08

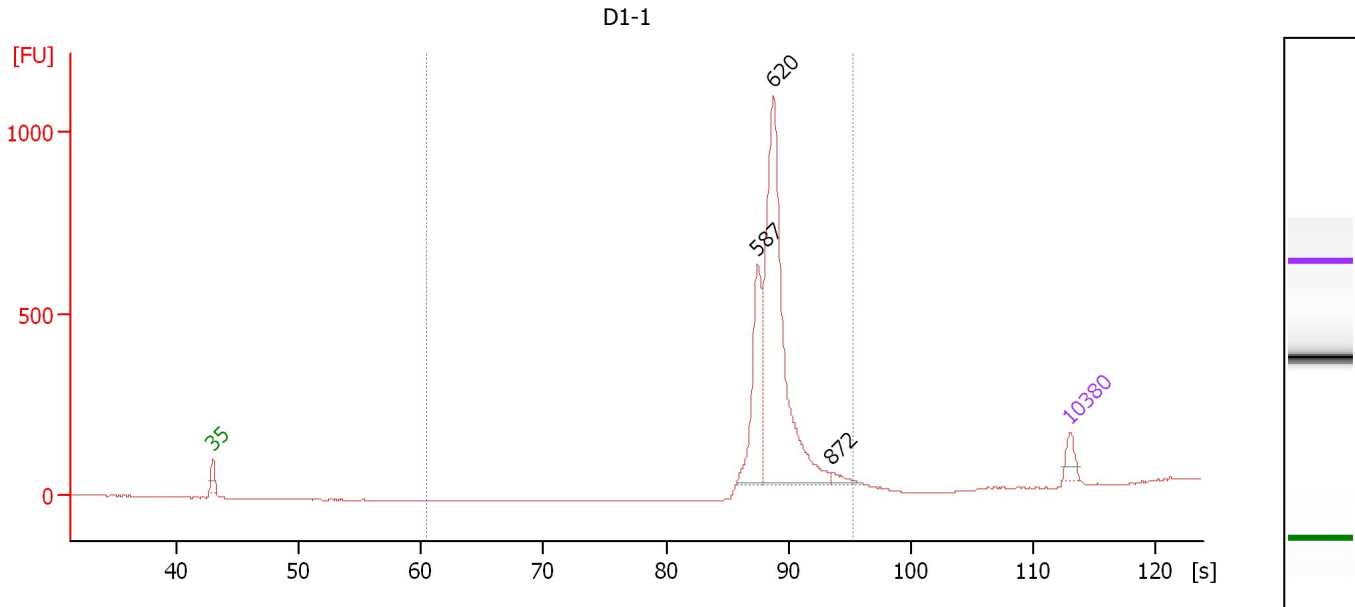
Region table for sample 2 : A1-2

From [s]	To [s]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.45	95.22	613	1,756.32	2,010.4	4,363.6	100	7.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

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 Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : D1-1

Number of peaks found: 3 Corr. Area 1: 2,753.7
 Noise: 0.9

Peak table for sample 3 : D1-1

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	587	648.56	1,674.9		87.51
3	620	1,990.42	4,860.4		88.78
4	872	43.70	75.9		93.49
5	10,380	75.00	10.9	Upper Marker	113.00

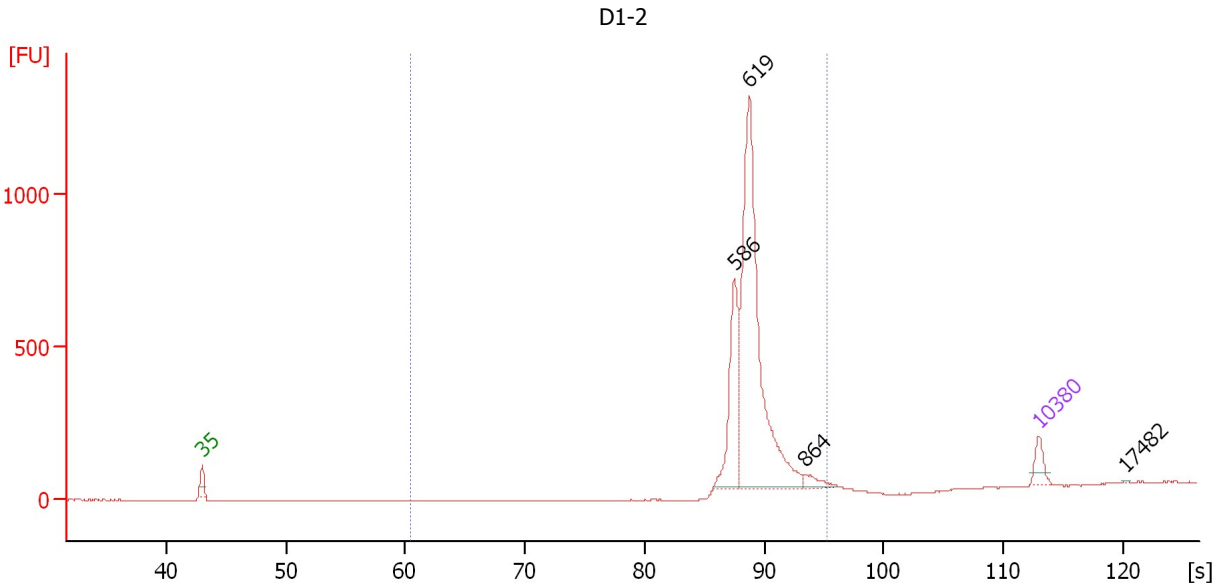
Region table for sample 3 : D1-1

From [s]	To [s]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.45	95.22	629	2,662.99	2,753.7	6,453.7	100	9.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

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 Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : D1-2

Number of peaks found: 4 Corr. Area 1: 3,198.0
 Noise: 1.1

Peak table for sample 4 : D1-2

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	586	606.15	1,566.6		87.49
3	619	1,967.74	4,814.3		88.74
4	864	63.82	111.8		93.39
5	10,380	75.00	10.9	Upper Marker	113.00
6	17,482	0.00	0.0		120.19

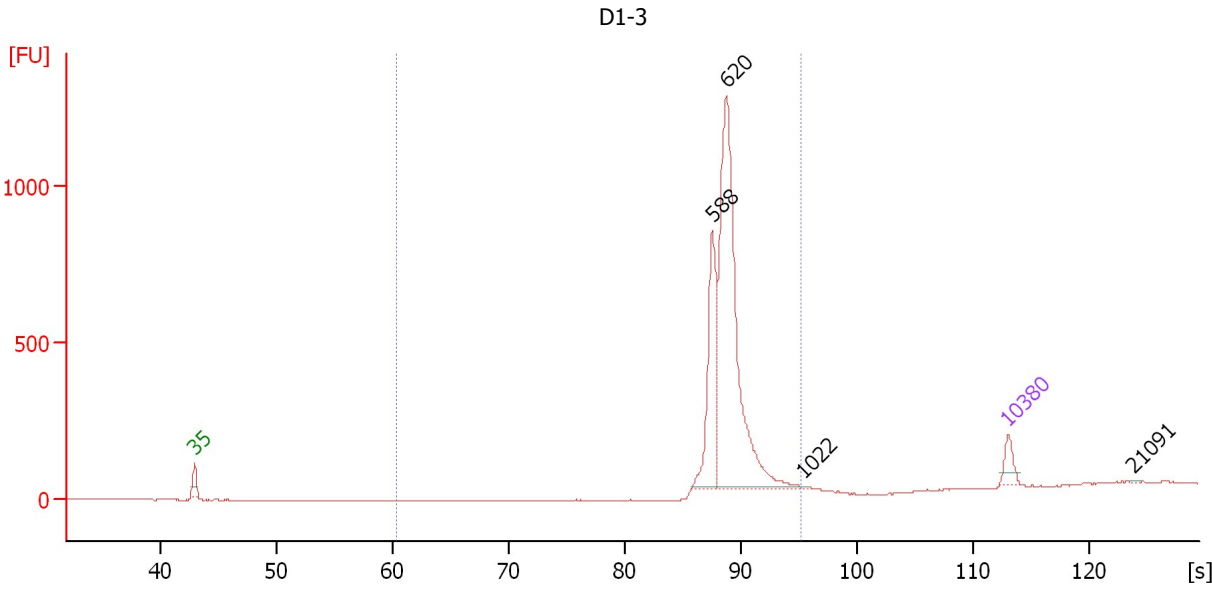
Region table for sample 4 : D1-2

From [s]	To [s]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
60.45	95.22	634	2,634.39	3,198.0	6,348.3	99	9.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
 Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : D1-3

Number of peaks found: 4 Corr. Area 1: 3,287.3
 Noise: 1.2

Peak table for sample 5 : D1-3

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	588	674.41	1,737.5		87.58
3	620	1,922.03	4,693.8		88.78
4	1,022	2.04	3.0		95.35
5	10,380	75.00	10.9	Upper Marker	113.00
6	21,091	0.00	0.0		123.85

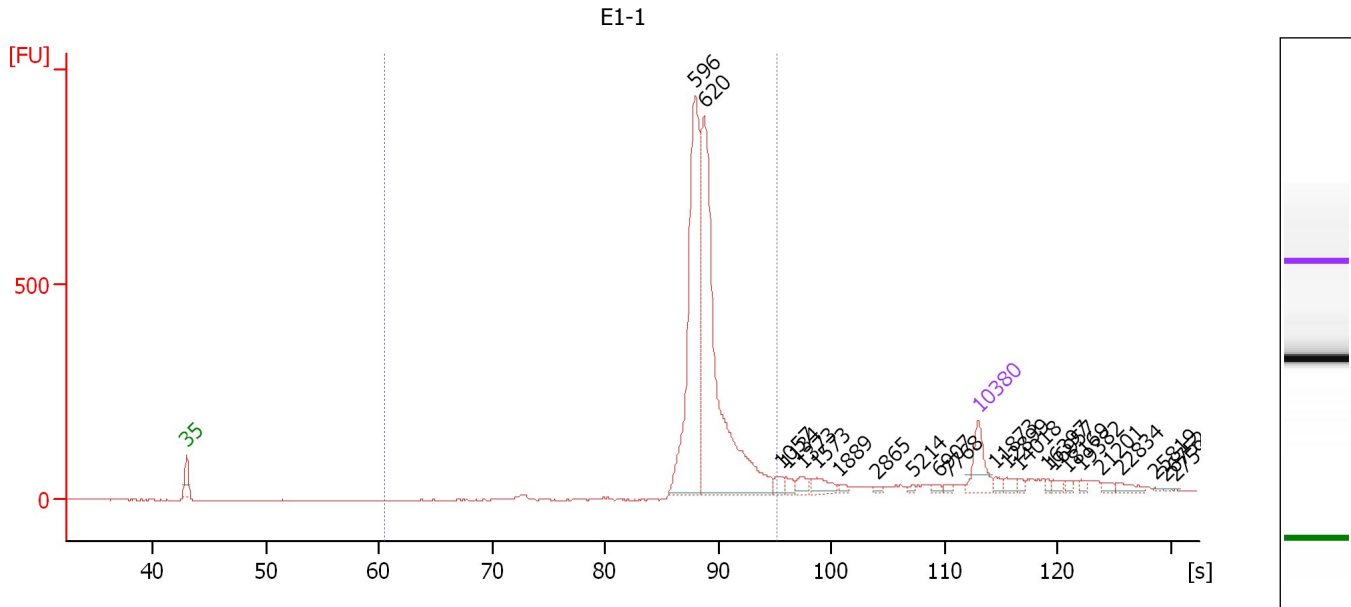
Region table for sample 5 : D1-3

From [s]	To [s]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.45	95.22	628	2,619.31	3,287.3	6,357.9	98	8.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
 Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : E1-1

Number of peaks found: 23 Corr. Area 1: 2,923.2
 Noise: 1.2

Peak table for sample 6 : E1-1


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	596	706.80	1,797.0		87.97
3	620	898.36	2,194.9		88.77
4	1,057	21.22	30.4		95.57
5	1,134	15.82	21.1		96.04
6	1,373	24.64	27.2		97.51
7	1,573	35.24	33.9		98.74
8	1,889	8.54	6.9		100.67
9	2,865	6.27	3.3		104.03
10	5,214	6.15	1.8		107.28
11	6,907	9.20	2.0		109.46
12	7,768	6.22	1.2		110.35
13	10,380	75.00	10.9	Upper Marker	113.00
14	11,873	0.00	0.0		114.51
15	12,899	0.00	0.0		115.55
16	14,018	0.00	0.0		116.68
17	16,397	0.00	0.0		119.09
18	16,957	0.00	0.0		119.66
19	18,169	0.00	0.0		120.89
20	19,382	0.00	0.0		122.12
21	21,201	0.00	0.0		123.96
22	22,834	0.00	0.0		125.61
23	25,819	0.00	0.0		128.63
24	26,752	0.00	0.0		129.58
25	27,591	0.00	0.0		130.43

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary Continued ...

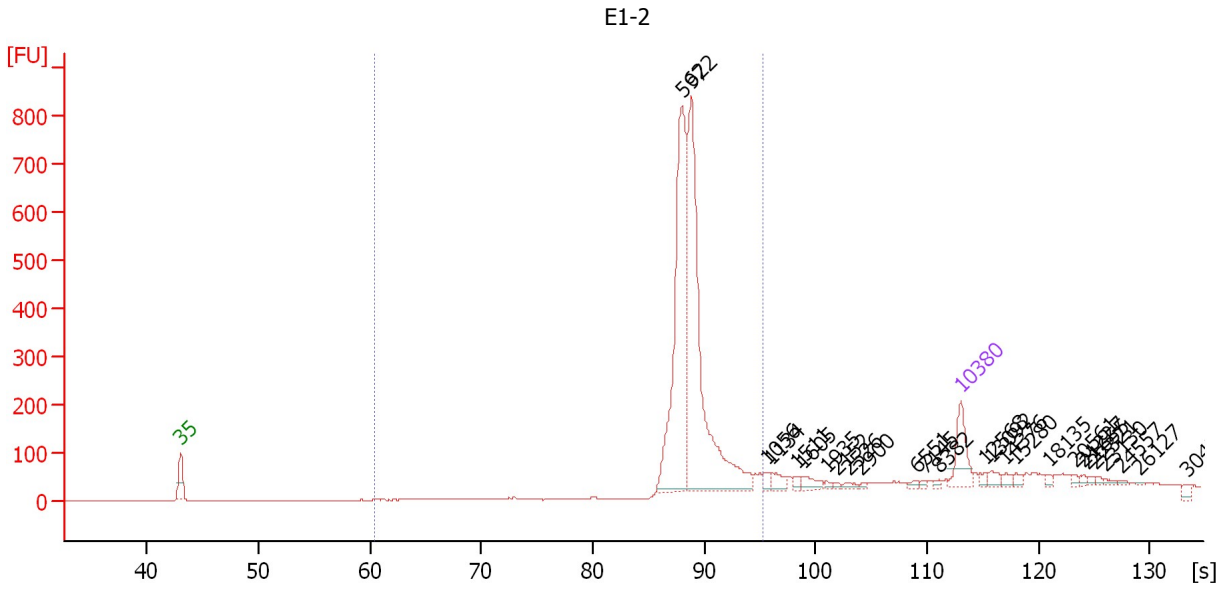
... Region table for sample 6 : E1-1

From [s]	To [s]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.45	95.22	638	1,632.47	2,923.2	3,921.1	 81	11.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
 Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : E1-2

Number of peaks found: 26 Corr. Area 1: 2,488.3
 Noise: 0.7

Peak table for sample 7 : E1-2

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	597	668.53	1,697.9		88.00
3	622	750.63	1,829.4		88.82
4	1,056	13.43	19.3		95.56
5	1,134	27.82	37.2		96.04
6	1,511	9.47	9.5		98.35
7	1,605	22.59	21.3		98.93
8	1,935	6.03	4.7		100.96
9	2,152	4.16	2.9		101.82
10	2,526	7.66	4.6		102.98
11	2,900	4.51	2.4		104.14
12	6,551	6.99	1.6		109.00
13	7,145	4.51	1.0		109.72
14	8,382	5.41	1.0		110.98
15	10,380	75.00	10.9	Upper Marker	113.00
16	12,568	0.00	0.0		115.22
17	13,092	0.00	0.0		115.75
18	14,376	0.00	0.0		117.05
19	15,280	0.00	0.0		117.96
20	18,135	0.00	0.0		120.85
21	20,561	0.00	0.0		123.31
22	21,227	0.00	0.0		123.98
23	21,655	0.00	0.0		124.42
24	22,321	0.00	0.0		125.09
25	23,130	0.00	0.0		125.91


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary Continued ...**... Peak table for sample 7 : E1-2**

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	24,557	0.00	0.0		127.36
27	26,127	0.00	0.0		128.95
28	30,456	0.00	0.0		133.33

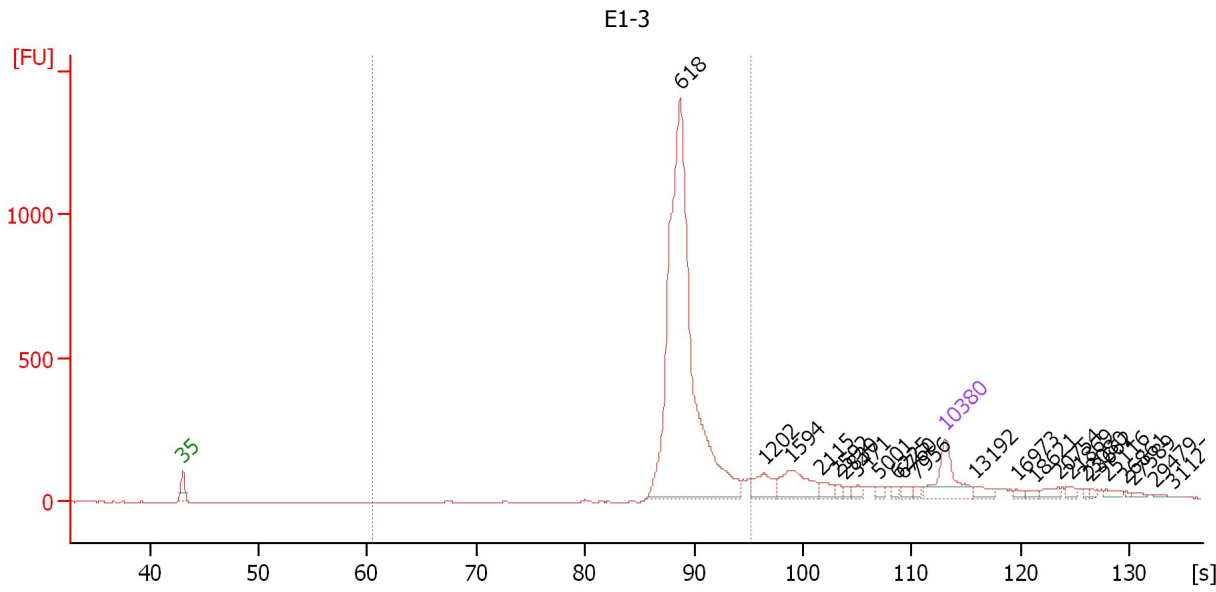
Region table for sample 7 : E1-2

From [s]	To [s]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.45	95.22	634	1,447.18	2,488.3	3,497.2	 79	11.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
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Electropherogram Summary Continued ...



Overall Results for sample 8 : E1-3

Number of peaks found: 23 Corr. Area 1: 3,951.0
 Noise: 1.1

Peak table for sample 8 : E1-3


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	618	1,143.67	2,804.5		88.70
3	1,202	49.55	62.5		96.46
4	1,594	78.15	74.3		98.86
5	2,115	18.27	13.1		101.71
6	2,592	8.50	5.0		103.18
7	2,830	7.35	3.9		103.92
8	3,471	9.36	4.1		105.05
9	5,001	7.87	2.4		107.01
10	6,225	7.77	1.9		108.58
11	6,760	11.73	2.6		109.27
12	7,956	6.82	1.3		110.55
13	10,380	75.00	10.9	Upper Marker	113.00
14	13,192	0.00	0.0		115.85
15	16,973	0.00	0.0		119.68
16	18,621	0.00	0.0		121.35
17	20,754	0.00	0.0		123.50
18	21,869	0.00	0.0		124.63
19	23,080	0.00	0.0		125.86
20	23,662	0.00	0.0		126.45
21	25,116	0.00	0.0		127.92
22	26,861	0.00	0.0		129.69
23	27,589	0.00	0.0		130.43
24	29,479	0.00	0.0		132.34
25	31,127	0.00	0.0		134.01

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary Continued ...

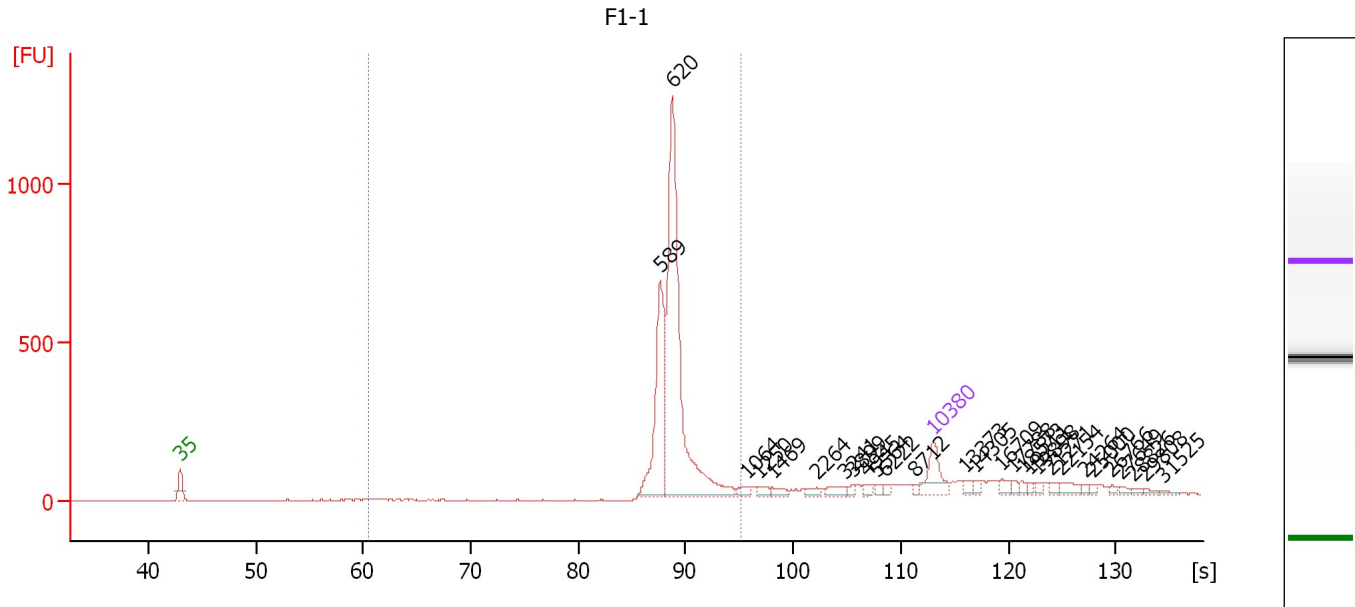
... Region table for sample 8 : E1-3

From [s]	To [s]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.45	95.22	644	1,167.59	3,951.0	2,780.6	 75	11.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
 Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 9 : F1-1

Number of peaks found: 28 Corr. Area 1: 2,683.0
 Noise: 1.2

Peak table for sample 9 : F1-1

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	589	377.88	972.5		87.61
3	620	894.35	2,186.7		88.76
4	1,064	18.71	26.6		95.61
5	1,250	16.53	20.0		96.75
6	1,469	16.91	17.4		98.10
7	2,264	12.62	8.4		102.17
8	3,241	21.00	9.8		104.75
9	3,899	8.73	3.4		105.60
10	4,945	12.87	3.9		106.94
11	5,564	9.20	2.5		107.73
12	6,222	10.35	2.5		108.58
13	8,712	8.60	1.5		111.31
14	10,380	75.00	10.9	Upper Marker	113.00
15	13,373	0.00	0.0		116.03
16	14,305	0.00	0.0		116.97
17	16,709	0.00	0.0		119.41
18	17,788	0.00	0.0		120.50
19	18,573	0.00	0.0		121.30
20	19,211	0.00	0.0		121.94
21	19,898	0.00	0.0		122.64
22	21,271	0.00	0.0		124.03
23	22,154	0.00	0.0		124.92
24	24,264	0.00	0.0		127.06
25	25,000	0.00	0.0		127.80

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad


Created: 9/5/2019 10:35:01 AM
 Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary Continued ...

... Peak table for sample 9 : F1-1

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	26,766	0.00	0.0		129.59
27	27,649	0.00	0.0		130.49
28	28,826	0.00	0.0		131.68
29	29,808	0.00	0.0		132.67
30	31,525	0.00	0.0		134.41

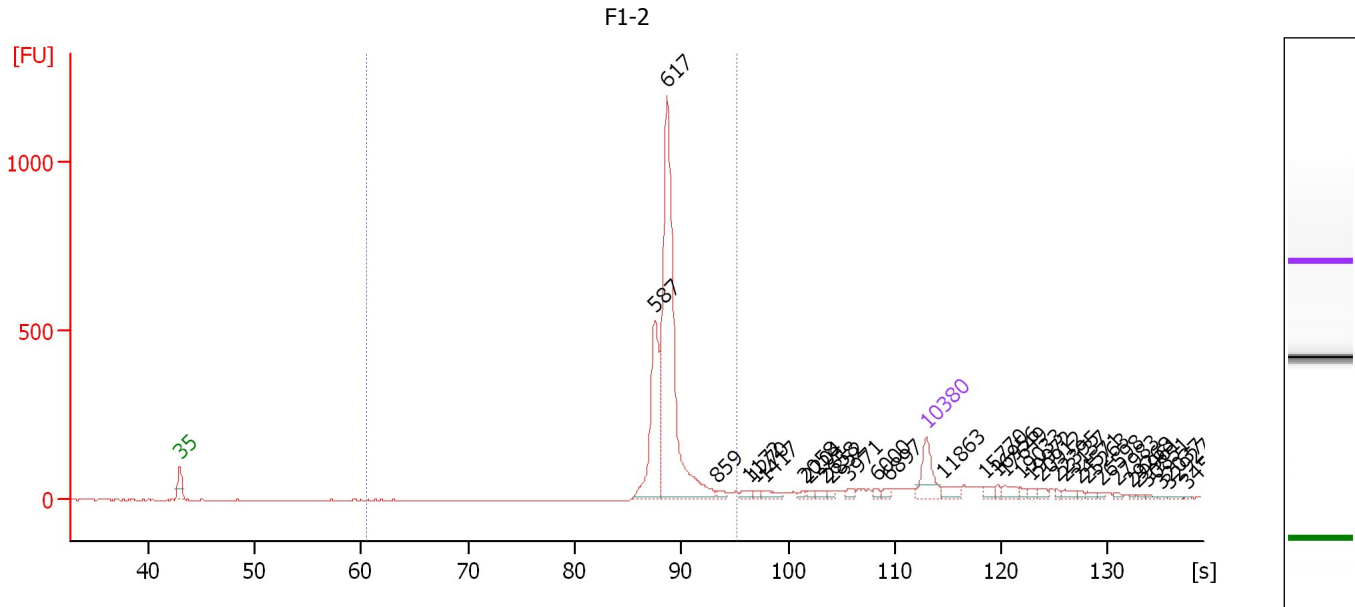
Region table for sample 9 : F1-1

From [s]	To [s]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.45	95.22	630	1,275.15	2,683.0	3,091.5	 73	10.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
 Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : F1-2

Number of peaks found: 32 Corr. Area 1: 2,261.3
 Noise: 1.2

Peak table for sample 10 : F1-2

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	587	301.76	779.3		87.51
3	617	835.05	2,051.7		88.67
4	859	11.49	20.3		93.32
5	1,172	11.77	15.2		96.28
6	1,270	9.31	11.1		96.88
7	1,417	17.96	19.2		97.78
8	2,058	7.12	5.2		101.53
9	2,204	6.19	4.3		101.98
10	2,658	10.76	6.1		103.39
11	2,852	6.96	3.7		103.99
12	3,971	9.69	3.7		105.69
13	6,000	7.48	1.9		108.29
14	6,897	11.22	2.5		109.44
15	10,380	75.00	10.9	Upper Marker	113.00
16	11,863	0.00	0.0		114.50
17	15,770	0.00	0.0		118.46
18	16,956	0.00	0.0		119.66
19	17,649	0.00	0.0		120.36
20	19,033	0.00	0.0		121.76
21	19,972	0.00	0.0		122.71
22	20,912	0.00	0.0		123.67
23	22,395	0.00	0.0		125.17
24	23,137	0.00	0.0		125.92
25	24,571	0.00	0.0		127.37

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad


Created: 9/5/2019 10:35:01 AM
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Electropherogram Summary Continued ...

... Peak table for sample 10 : F1-2

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	25,263	0.00	0.0		128.07
27	26,598	0.00	0.0		129.42
28	27,983	0.00	0.0		130.83
29	29,268	0.00	0.0		132.13
30	29,961	0.00	0.0		132.83
31	30,851	0.00	0.0		133.73
32	32,037	0.00	0.0		134.93
33	32,927	0.00	0.0		135.83
34	34,559	0.00	0.0		137.48

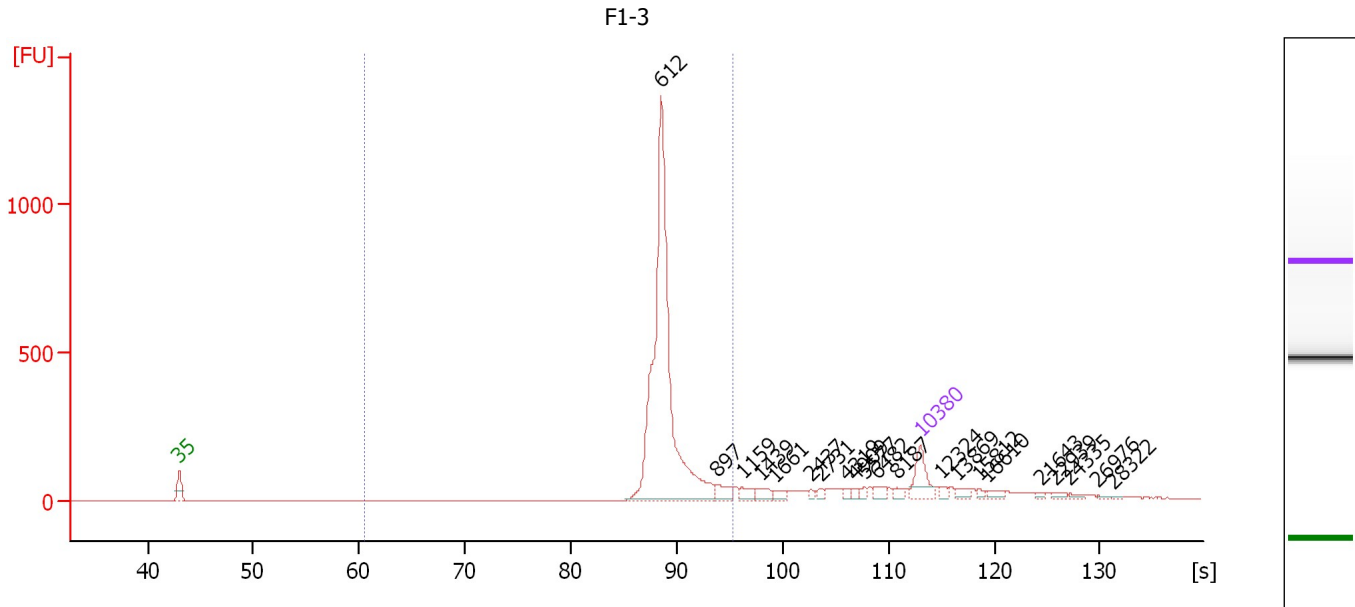
Region table for sample 10 : F1-2

From [s]	To [s]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.45	95.22	626	1,161.01	2,261.3	2,827.2	 74	9.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
 Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : F1-3

Number of peaks found: 21 Corr. Area 1: 2,556.9
 Noise: 0.5

Peak table for sample 11 : F1-3


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	612	1,209.93	2,995.8		88.52
3	897	39.21	66.3		93.82
4	1,159	26.18	34.2		96.19
5	1,439	24.09	25.4		97.91
6	1,661	17.90	16.3		99.27
7	2,437	8.93	5.6		102.70
8	2,731	10.26	5.7		103.61
9	4,319	10.21	3.6		106.14
10	4,909	10.47	3.2		106.89
11	5,577	11.71	3.2		107.75
12	6,482	20.01	4.7		108.91
13	8,187	13.59	2.5		110.78
14	10,380	75.00	10.9	Upper Marker	113.00
15	12,324	0.00	0.0		114.97
16	13,869	0.00	0.0		116.53
17	15,812	0.00	0.0		118.50
18	16,610	0.00	0.0		119.31
19	21,643	0.00	0.0		124.41
20	22,939	0.00	0.0		125.72
21	24,335	0.00	0.0		127.13
22	26,976	0.00	0.0		129.81
23	28,322	0.00	0.0		131.17

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
Modified: 9/5/2019 11:16:52 AM

Electropherogram Summary Continued ...

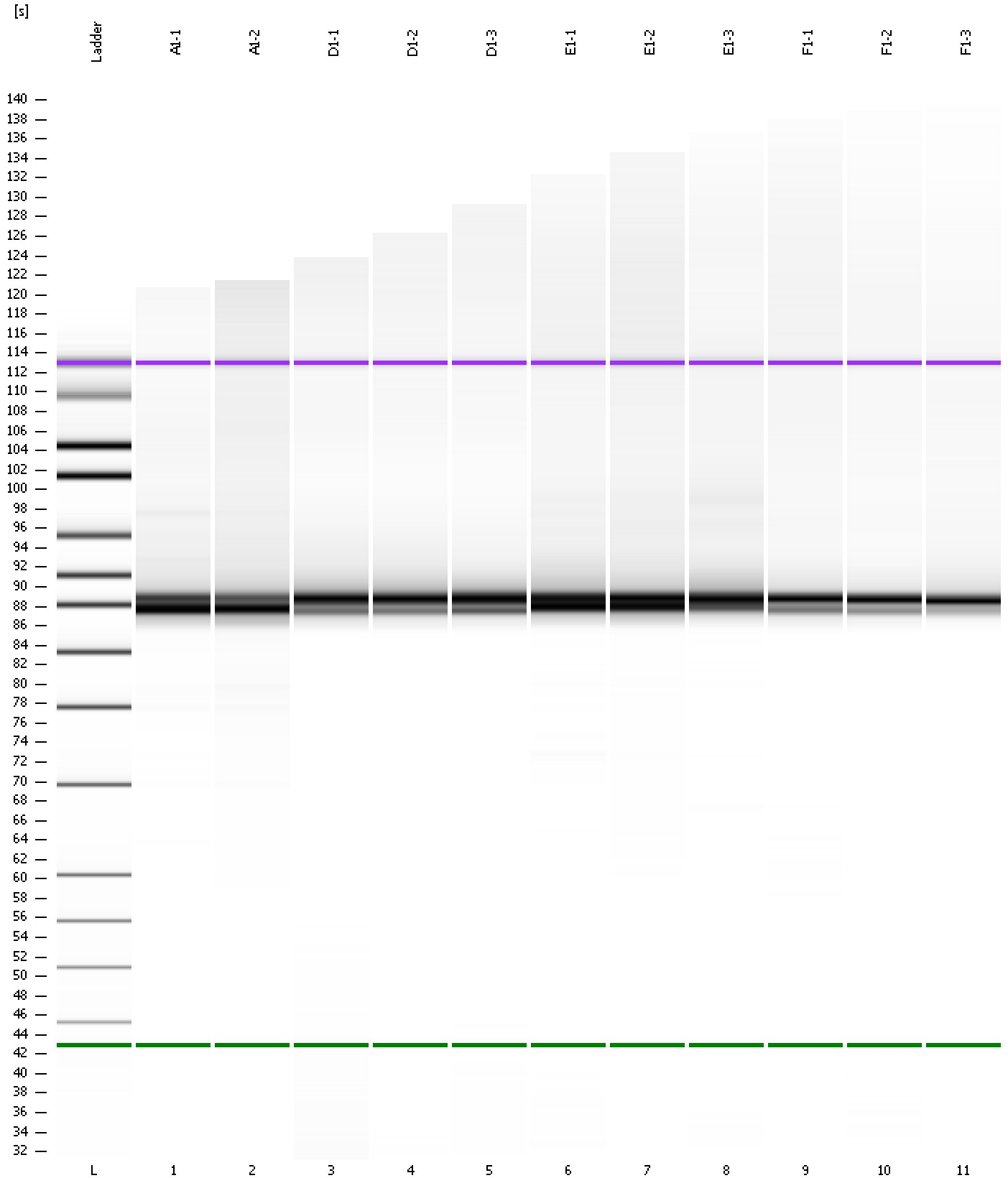
... Region table for sample 11 : F1-3

From [s]	To [s]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
60.45	95.22	638	1,227.87	2,556.9	2,949.3	 75	11.6

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
Modified: 9/5/2019 11:16:52 AM

Gel Image

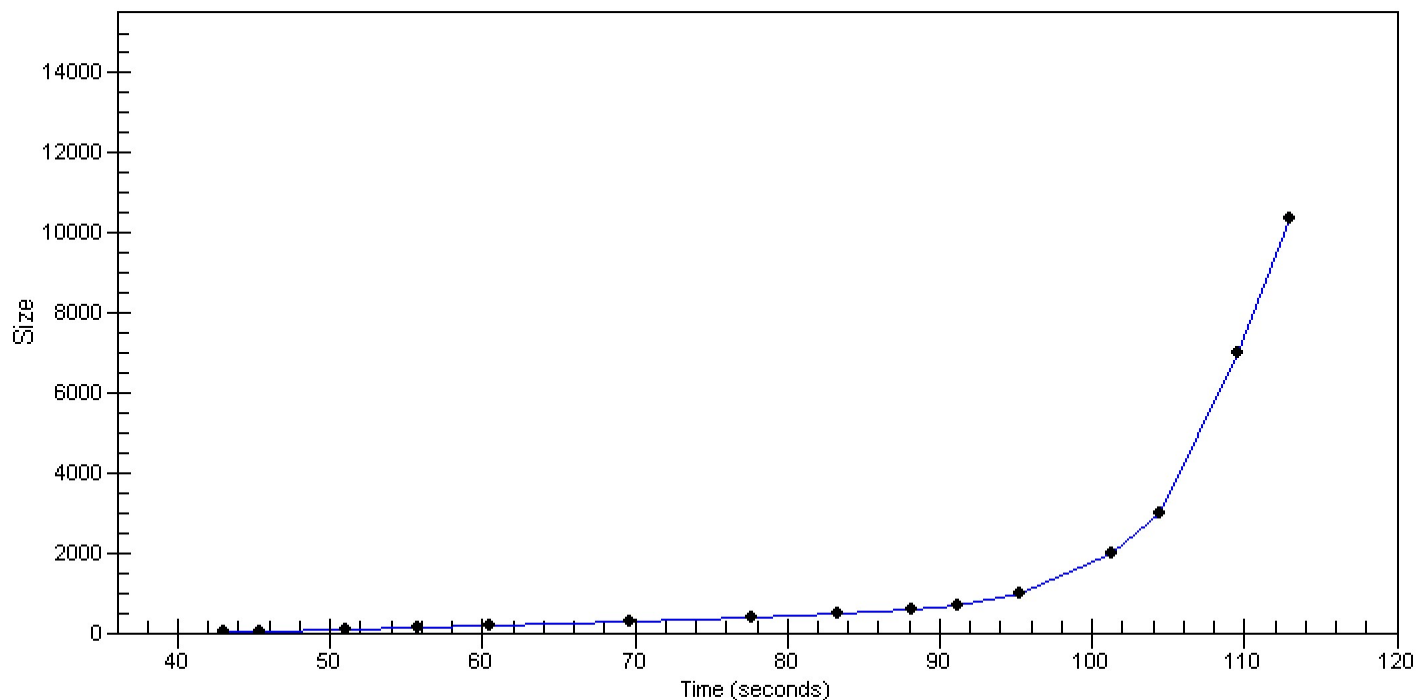


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
Modified: 9/5/2019 11:16:52 AM

Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2019-09-05\2019-09-05_001.xad

Created: 9/5/2019 10:35:01 AM
 Modified: 9/5/2019 11:16:52 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		9/5/2019 11:16:18 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\2019-09-05\2019-09-05_001.xad)		Instrument	Run		9/5/2019 10:35:07 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938C		Instrument	Run		9/5/2019 10:35:07 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		9/5/2019 10:35:07 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		9/5/2019 10:35:07 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE34903152		Instrument	Run		9/5/2019 10:35:07 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		9/5/2019 10:35:07 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		9/5/2019 10:35:07 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1