File:	H460 293A exo mir21 1512.sds
Print Date:	Friday, December 15, 2023 15:35:26
User:	INSTR-USER
Plate Type:	Standard Curve
PCR Volume:	10 µL

Document Information

Operator:	INSTR-USER
Run Date:	Friday, December 15, 2023 12:06:58
Last Modified:	Friday, December 15, 2023 13:50:03
Instrument Type:	Applied Biosystems 7500 Fast Real-Time PCR System

## Comments

SDS v1.5.1

Thermal Profile

Stage	Temperature	Time	Repeat	Ramp Rate	Auto Increment
1	50.0 °C	2:00	1	100	
2	95.0 °C	10:00	1	100	
3	95.0 °C	0:15	50	100	
	60.0 °C	1:00		100	

Standard 7500 Mode
Data Collection : Stage 3, Step 2

Analysis Methods:

Delta Rn

Detector Information

Detector Name	Reporter	Quencher	Threshold	Baseline Start	Baseline End
miR-21	SYBR	(none)	0.2	3	15

Well	Sample Name	Detector	Task	Ct	StdDev Ct	Quantity	Mean Qty	StdDev Qty	Filtered	Tm	User Defined #1	User Defined #2	User Defined #3
D2	H460 Exo 1	miR-21	Unknown	17.9005	0.124								
D3	H460 Exo 1	miR-21	Unknown	18.0238	0.124								
D4	H460 Exo 1	miR-21	Unknown	17.7764	0.124								
D5	H460 Exo 10	miR-21	Unknown	21.6017	0.154								
D6	H460 Exo 10	miR-21	Unknown	21.3444	0.154								
D7	H460 Exo 10	miR-21	Unknown	21.327	0.154								
D8	H460 Exo 100	miR-21	Unknown	Undet.									
D9	H460 Exo 100	miR-21	Unknown	Undet.									
D10	H460 Exo 100	miR-21	Unknown	Undet.									
E2	H460 Exo 1K	miR-21	Unknown	Undet.									
E3	H460 Exo 1K	miR-21	Unknown	Undet.									
E4	H460 Exo 1K	miR-21	Unknown	Undet.									
E5	H460 Exo 10K	miR-21	Unknown	Undet.									
E6	H460 Exo 10K	miR-21	Unknown	Undet.									
E7	H460 Exo 10K	miR-21	Unknown	Undet.									
F2	293A Exo 1	miR-21	Unknown	21.417	0.0234								
F3	293A Exo 1	miR-21	Unknown	21.4093	0.0234								
F4	293A Exo 1	miR-21	Unknown	21.3731	0.0234								
F5	293A Exo 10	miR-21	Unknown	25.2716	0.195								
F6	293A Exo 10	miR-21	Unknown	25.1876	0.195								
F7	293A Exo 10	miR-21	Unknown	24.8994	0.195								
F8	293A Exo 100	miR-21	Unknown	Undet.									
F9	293A Exo 100	miR-21	Unknown	Undet.									
F10	293A Exo 100	miR-21	Unknown	Undet.									
G2	293A Exo 1K	miR-21	Unknown	Undet.									
G3	293A Exo 1K	miR-21	Unknown	Undet.									
G4	293A Exo 1K	miR-21	Unknown	Undet.									

G5	293A Exo 10K	miR-21	Unknown	Undet.
G6	293A Exo 10K	miR-21	Unknown	Undet.
G7	293A Exo 10K	miR-21	Unknown	Undet.

Raw Data

Fluorescence (y-axis)

y-axis labels: 1.331e+006, 1.200e+006, 1.000e+006, 8.000e+005, 6.000e+005, 4.000e+005, 2.000e+005, 0.000e+000

x-axis labels: A, B, C, D, E

Filters (x-axis)
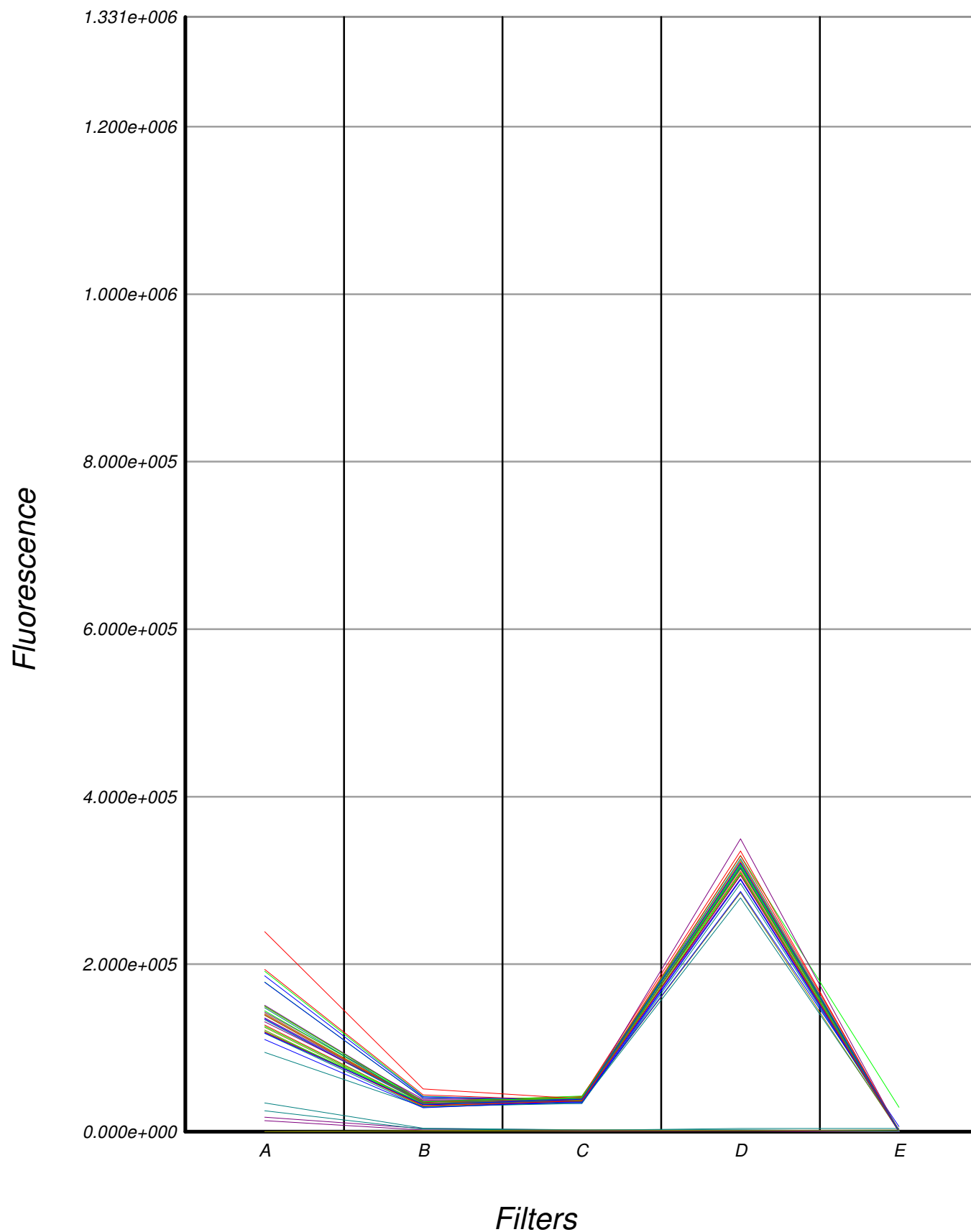
Reading: 1
Well(s): D2-D10,E2-E10,F2-F10,G2-G10

Delta Rn vs Cycle

Delta Rn vs Cycle plot. Y-axis: *Delta Rn* (logarithmic scale from 1.000e-006 to 1.000e+001). X-axis: *Cycle Number* (1 to 49).
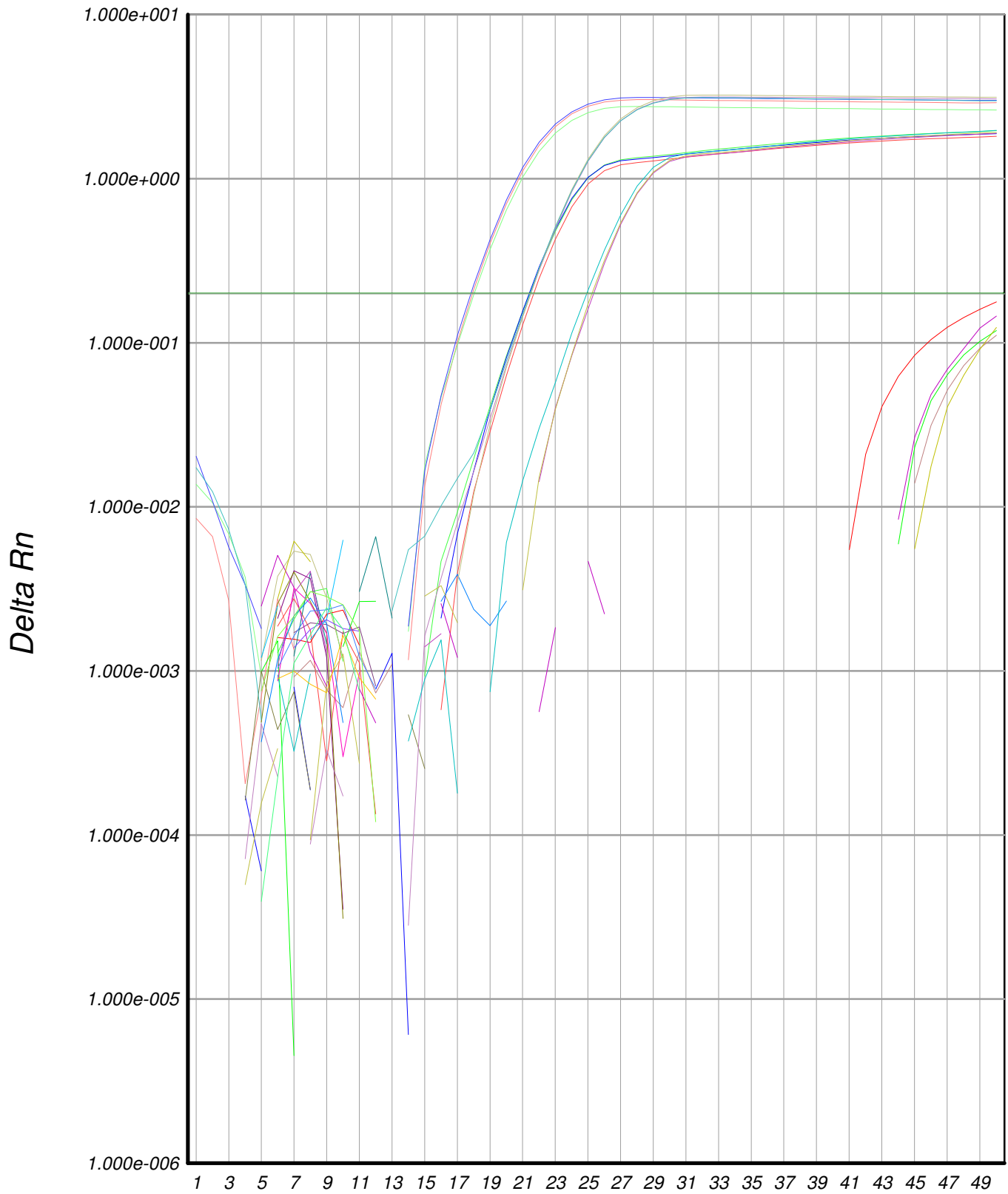
Selected Detector: All
Well(s): D2-D10,E2-E10,F2-F10,G2-G10