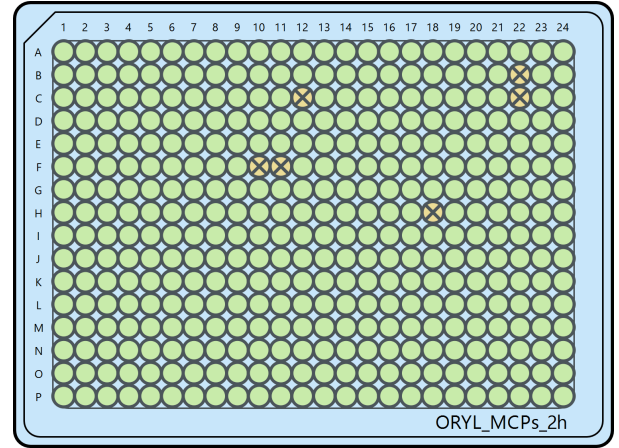


Measurement report

Plate Overview

ORYL_MCPs_2h

ORYL_MCPs_2h	
Start Time	2025-10-09 13:44:44
Finish Time	2025-10-09 14:00:20
Plate Type	384 WP (16x24) UV-Star
Dimensions	24 x 16
Duration	936.264896 s
Dwell Time	0.05 s
Measurements per Well	10
Experiment	ORYL_MCPs_2h
Layout	02_Plate_Layout_JC_MCPs_v3.xlsx
Laser Parameters	Model: Fs10, Power: 90 mW, Port: COM9



Analysis Parameters

Method	Signal Type	Confidence level (%)	Concentration scale
Model - Piecewise Fit	LS	95	Log

Result Summary

Plate	Sample	Solubility (uM)	95% Confidence Interval (uM)	Analysis Method	Analysis Status
ORYL_MCPs_2h	OR7812727-XYX-001	33.7 ± 0.3	[33.2, 34.2]	Piecewise (LS)	✓ Calculation successful
ORYL_MCPs_2h	OR7836900-XYX-001	20.41 ± 0.08	[20.3, 20.6]	Piecewise (LS)	✓ Calculation successful
ORYL_MCPs_2h	OR7812732-XYX-001	20.2 ± 0.1	[20.0, 20.4]	Piecewise (LS)	✓ Calculation successful
ORYL_MCPs_2h	OR7835184-XYX-001	21.03 ± 0.05	[20.93, 21.1]	Piecewise (LS)	✓ Calculation successful
ORYL_MCPs_2h	OR7812734-XYX-001	37.3 ± 0.3	[36.6, 37.9]	Piecewise (LS)	✓ Calculation successful
ORYL_MCPs_2h	OR7835438-XYX-001	10.60 ± 0.04	[10.52, 10.68]	Piecewise (LS)	✓ Calculation successful
ORYL_MCPs_2h	OR7812748-XYX-001	0.5000 ± 4	[0.5000, 0.5000]	Piecewise (LS)	⚠ High uncertainty
ORYL_MCPs_2h	OR7835161-XYX-001	22.06 ± 0.07	[21.9, 22.2]	Piecewise (LS)	✓ Calculation successful

Detailed results continue on next page...

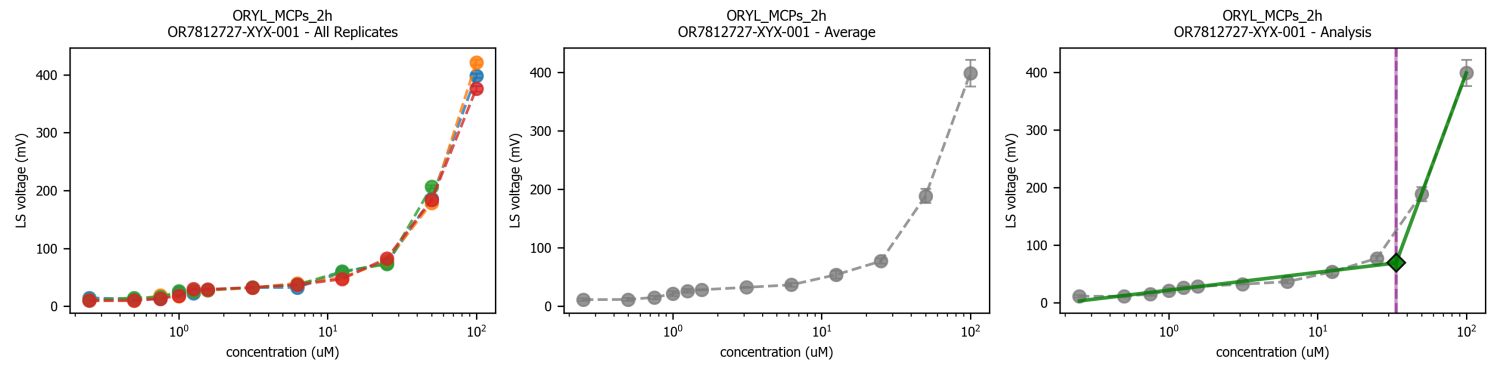
OR7812727-XYX-001

Plate: ORYL_MCPs_2h

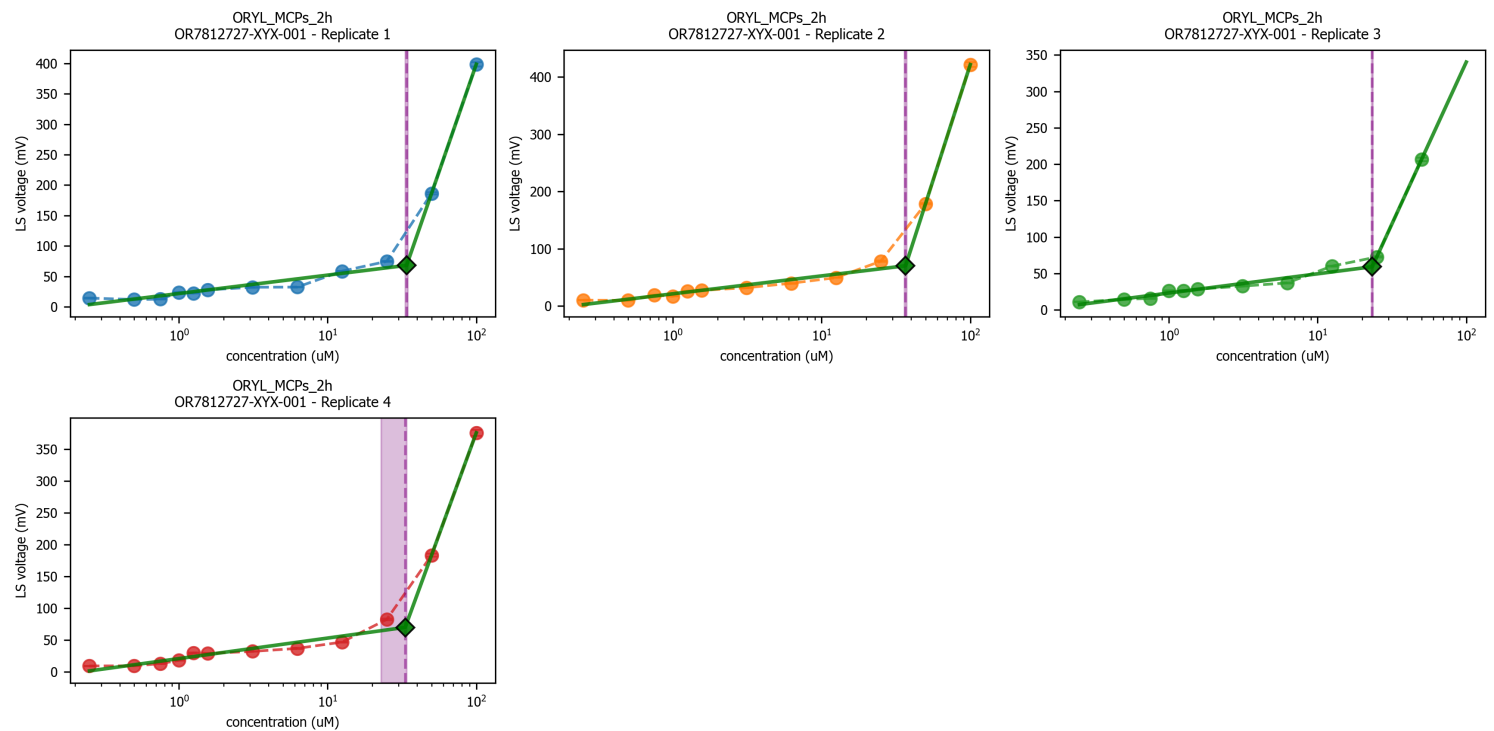
Results:

Replicate	Solubility (uM)	95% Confidence Interval (uM)	Analysis Method	Analysis Status
1	34.0 ± 0.4	[33.3, 34.7]	Piecewise (LS)	✓ Calculation successful
2	36.7 ± 0.9	[36.1, 37.4]	Piecewise (LS)	✓ Calculation successful
3	23.3 ± 0.1	[23.0, 23.6]	Piecewise (LS)	✓ Calculation successful
4	33.2 ± 5	[23, 34.1]	Piecewise (LS)	✓ Calculation successful
Average	33.7 ± 0.3	[33.2, 34.2]	Piecewise (LS)	✓ Calculation successful

Plots



Replicate plots



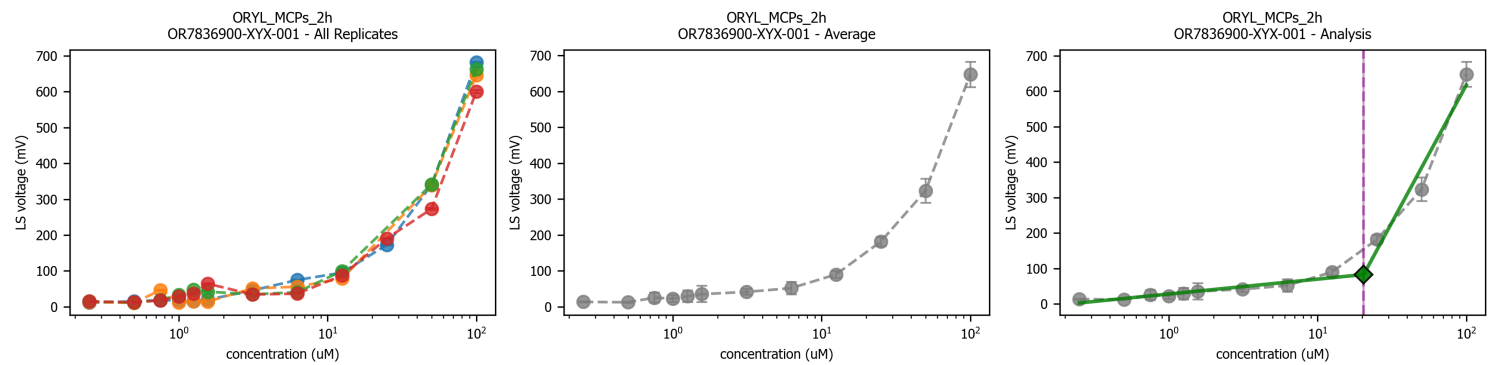
OR7836900-XYX-001

Plate: ORYL_MCPs_2h

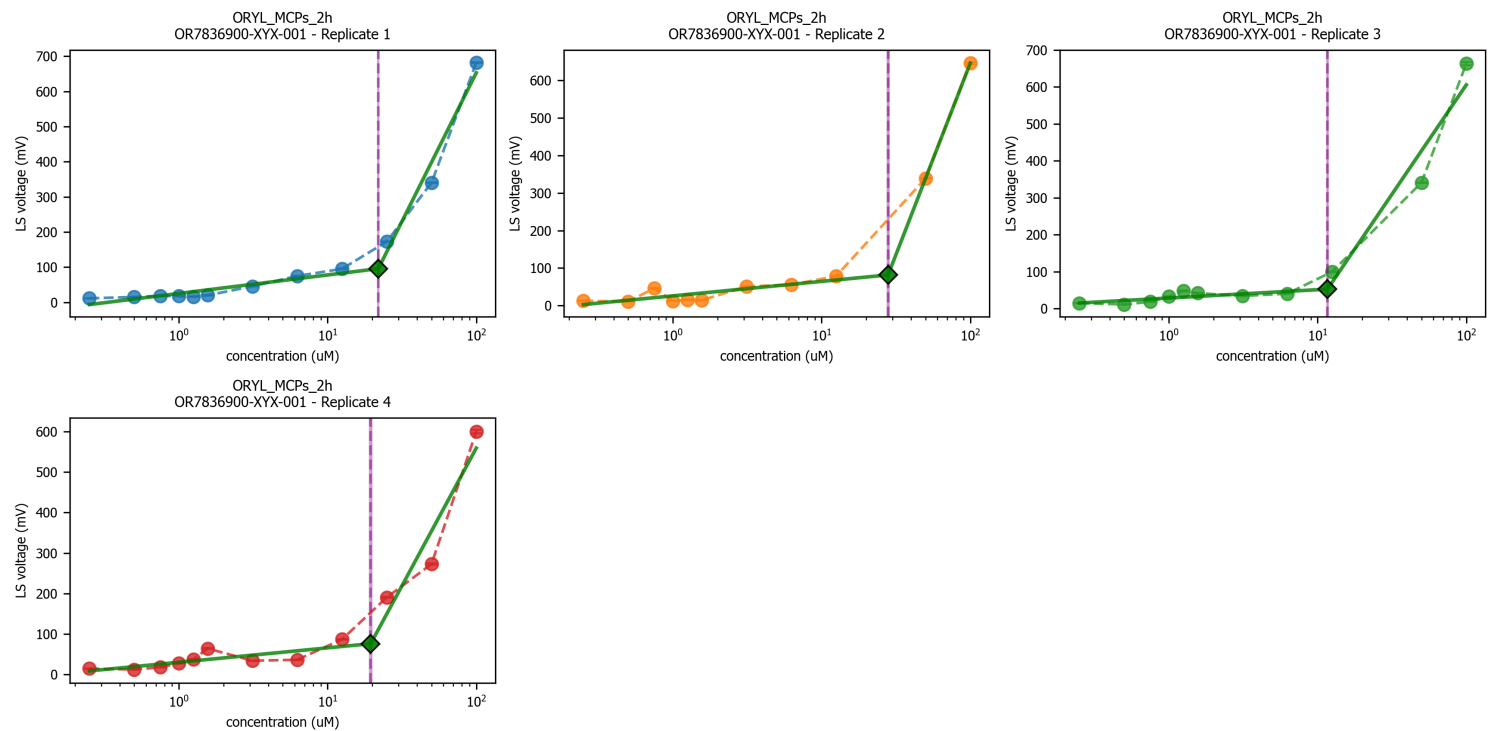
Results:

Replicate	Solubility (uM)	95% Confidence Interval (uM)	Analysis Method	Analysis Status
1	21.95 ± 0.08	[21.8, 22.1]	Piecewise (LS)	✓ Calculation successful
2	28.0 ± 0.8	[27.6, 28.4]	Piecewise (LS)	✓ Calculation successful
3	11.7 ± 1	[11.5, 11.8]	Piecewise (LS)	✓ Calculation successful
4	19.5 ± 0.2	[19.2, 19.8]	Piecewise (LS)	✓ Calculation successful
Average	20.41 ± 0.08	[20.3, 20.6]	Piecewise (LS)	✓ Calculation successful

Plots



Replicate plots



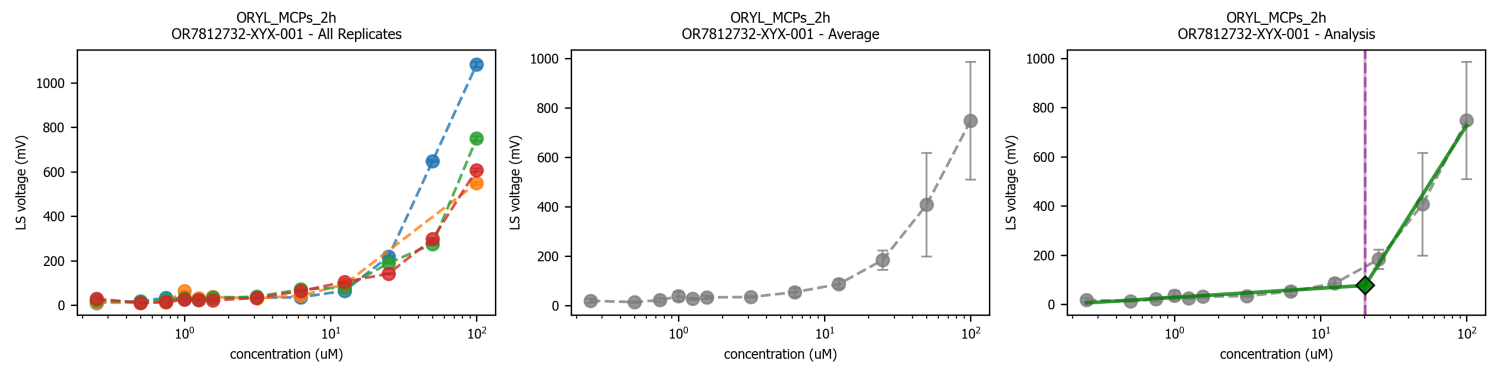
OR7812732-XYX-001

Plate: ORYL_MCPs_2h

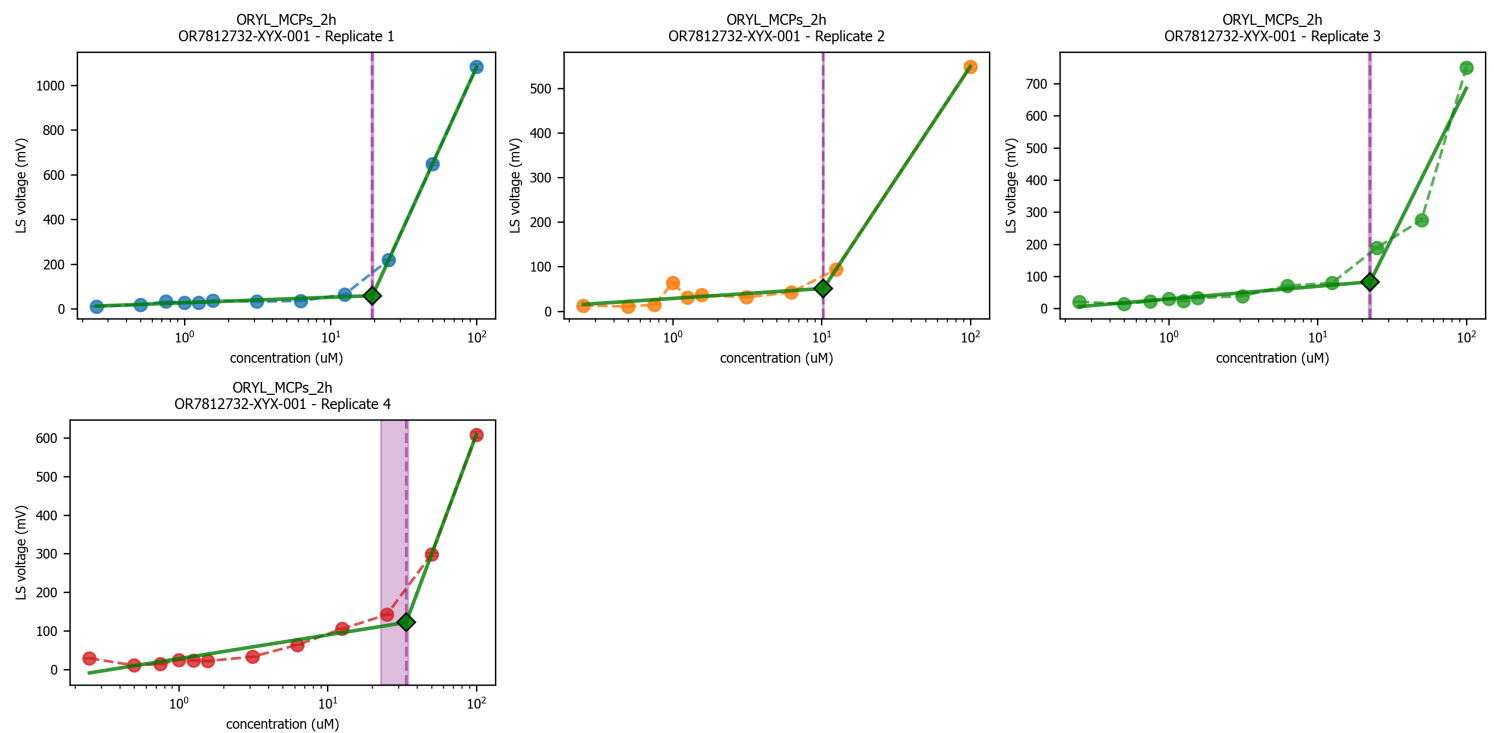
Results:

Replicate	Solubility (uM)	95% Confidence Interval (uM)	Analysis Method	Analysis Status
1	19.4 ± 0.1	[19.1, 19.7]	Piecewise (LS)	✓ Calculation successful
2	10.28 ± 0.05	[10.2, 10.4]	Piecewise (LS)	✓ Calculation successful
3	22.6 ± 2	[22.0, 23.0]	Piecewise (LS)	✓ Calculation successful
4	34 ± 5	[23, 35]	Piecewise (LS)	✓ Calculation successful
Average	20.2 ± 0.1	[20.0, 20.4]	Piecewise (LS)	✓ Calculation successful

Plots



Replicate plots



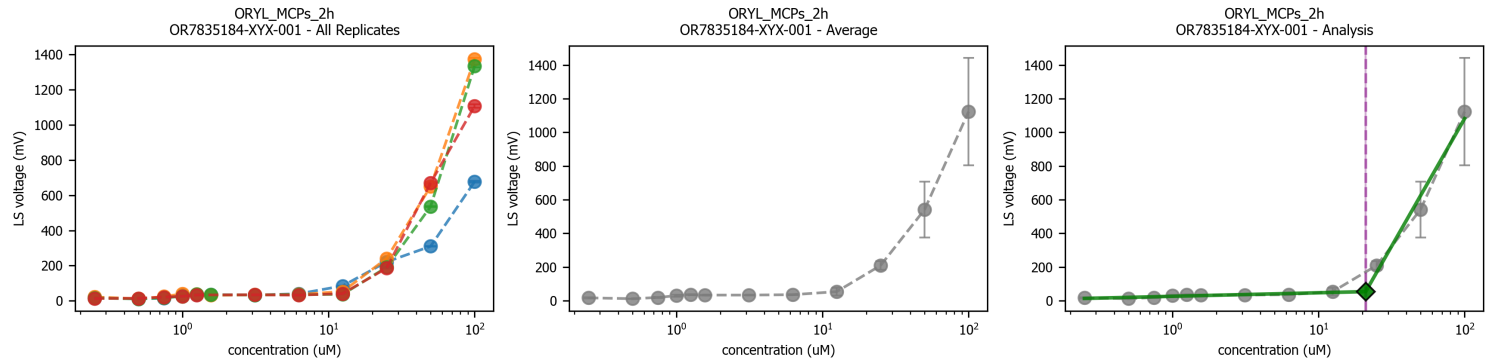
OR7835184-XYX-001

Plate: ORYL_MCPs_2h

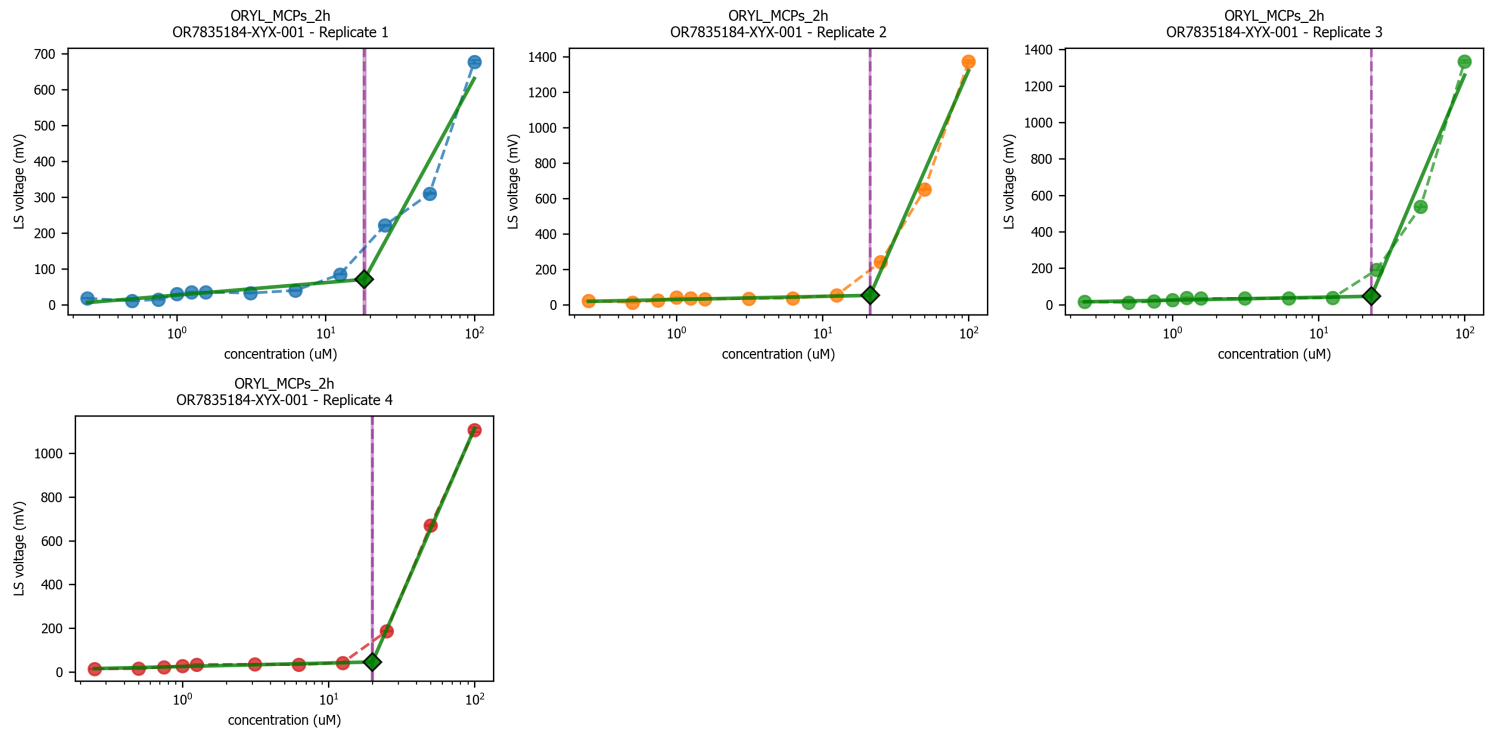
Results:

Replicate	Solubility (uM)	95% Confidence Interval (uM)	Analysis Method	Analysis Status
1	18.2 ± 0.2	[17.9, 18.6]	Piecewise (LS)	✓ Calculation successful
2	21.16 ± 0.09	[21.0, 21.3]	Piecewise (LS)	✓ Calculation successful
3	22.97 ± 0.06	[22.9, 23.1]	Piecewise (LS)	✓ Calculation successful
4	20.0 ± 0.1	[19.7, 20.2]	Piecewise (LS)	✓ Calculation successful
Average	21.03 ± 0.05	[20.93, 21.1]	Piecewise (LS)	✓ Calculation successful

Plots



Replicate plots



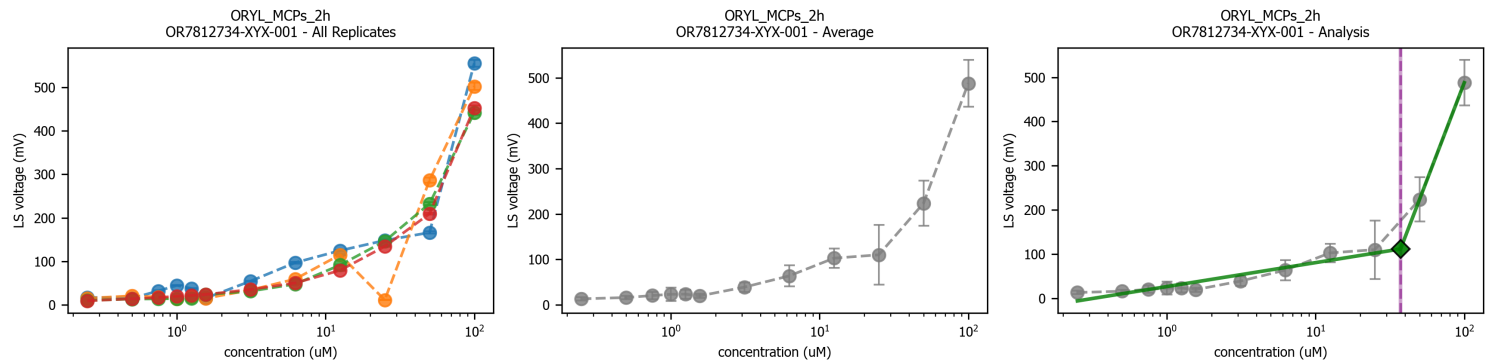
OR7812734-XYX-001

Plate: ORYL_MCPs_2h

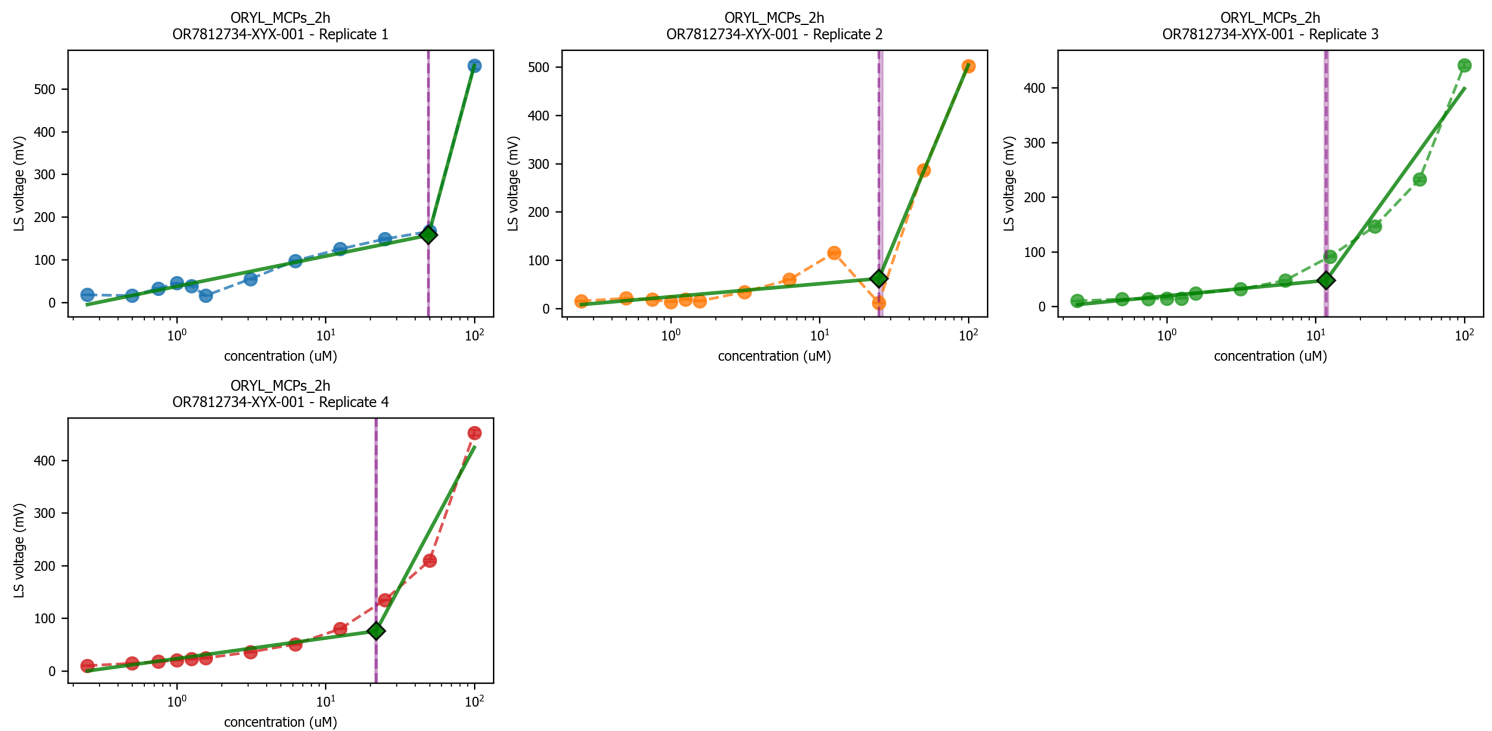
Results:

Replicate	Solubility (uM)	95% Confidence Interval (uM)	Analysis Method	Analysis Status
1	49.2 ± 0.3	[48.7, 49.7]	Piecewise (LS)	✓ Calculation successful
2	25.0000 ± 0.4	[25.0000, 27]	Piecewise (LS)	✓ Calculation successful
3	11.8 ± 0.9	[11.5, 12.1]	Piecewise (LS)	✓ Calculation successful
4	21.8 ± 0.2	[21.4, 22.2]	Piecewise (LS)	✓ Calculation successful
Average	37.3 ± 0.3	[36.6, 37.9]	Piecewise (LS)	✓ Calculation successful

Plots



Replicate plots



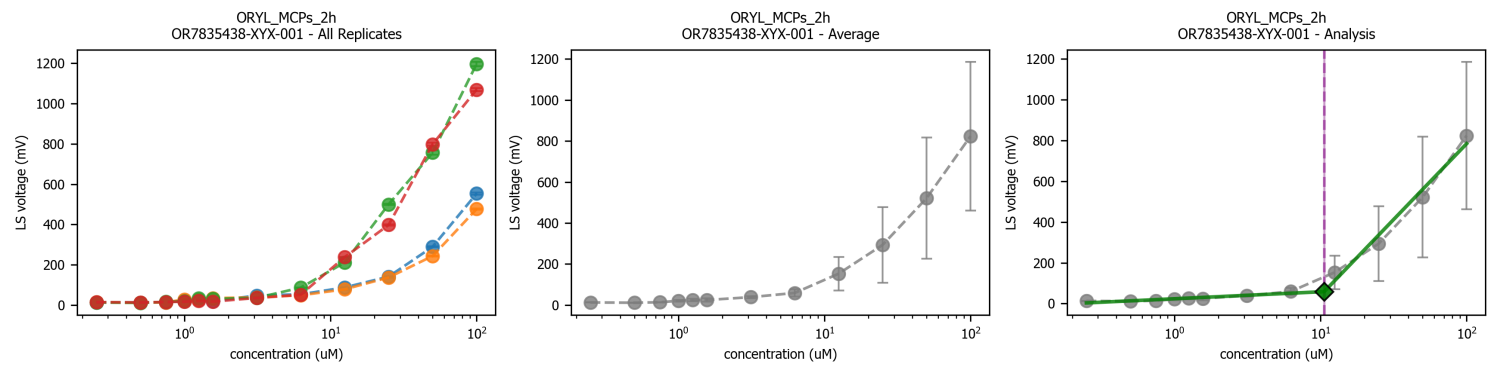
OR7835438-XYX-001

Plate: ORYL_MCPs_2h

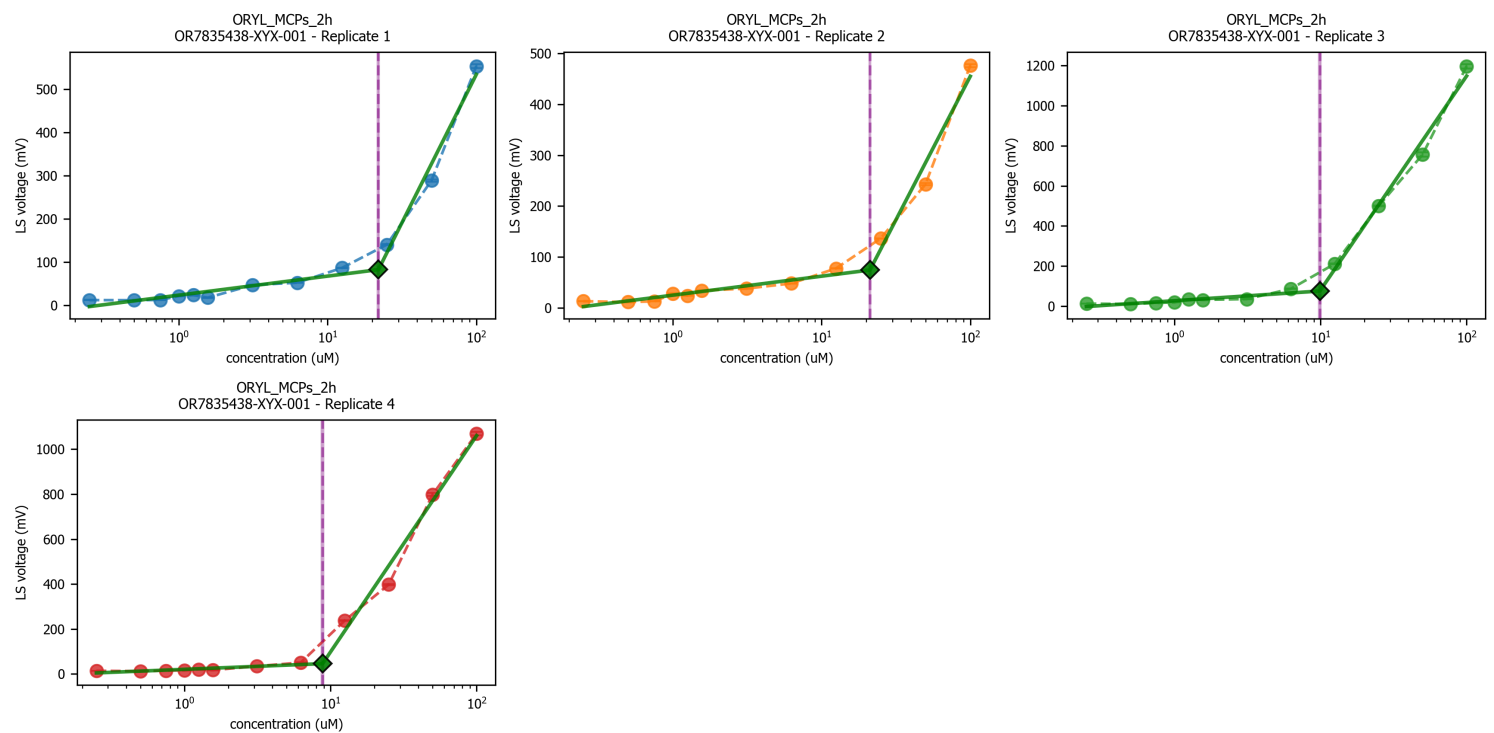
Results:

Replicate	Solubility (uM)	95% Confidence Interval (uM)	Analysis Method	Analysis Status
1	22.0 ± 0.1	[21.7, 22.2]	Piecewise (LS)	✓ Calculation successful
2	211 ± 0.1	[20.9, 214]	Piecewise (LS)	✓ Calculation successful
3	9.90 ± 0.09	[9.7, 10.1]	Piecewise (LS)	✓ Calculation successful
4	8.83 ± 0.07	[8.7, 9.0]	Piecewise (LS)	✓ Calculation successful
Average	10.60 ± 0.04	[10.52, 10.68]	Piecewise (LS)	✓ Calculation successful

Plots



Replicate plots



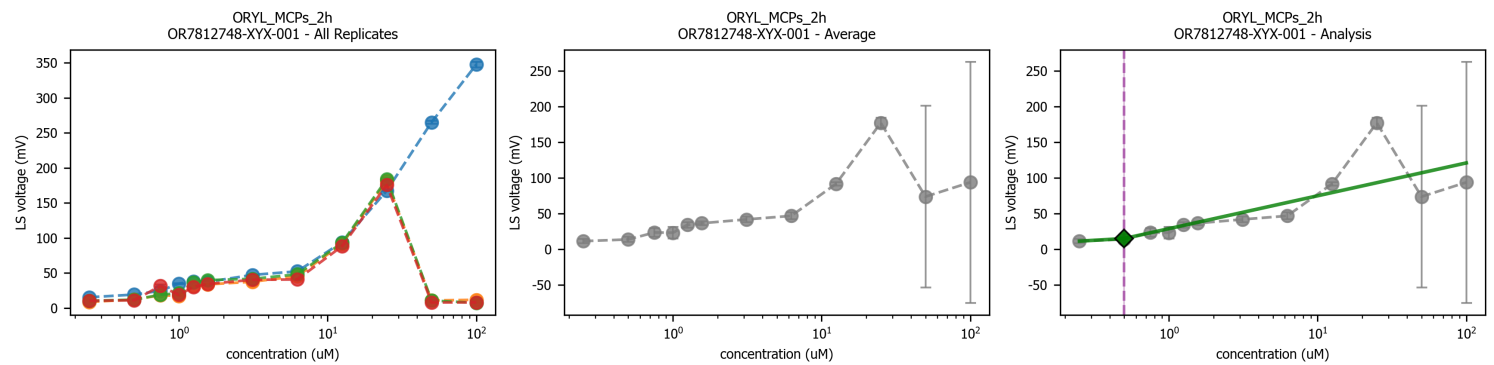
OR7812748-XYX-001

Plate: ORYL_MCPs_2h

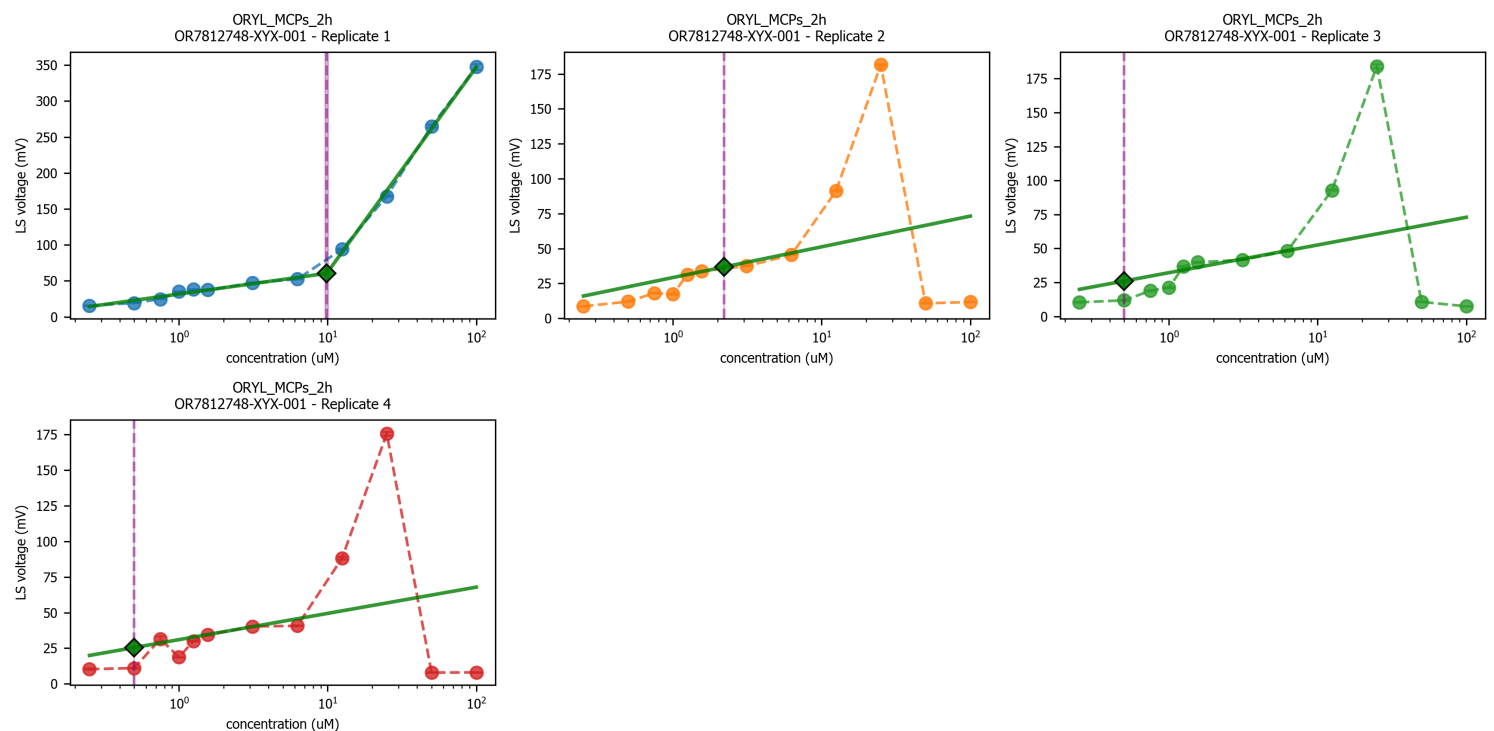
Results:

Replicate	Solubility (uM)	95% Confidence Interval (uM)	Analysis Method	Analysis Status
1	9.9 ± 0.1	[9.6, 10.1]	Piecewise (LS)	✓ Calculation successful
2	2.2097 ± 2	[2.2097, 2.2097]	Piecewise (LS)	⚠ High uncertainty
3	0.5000 ± 0.6	[0.5000, 0.5000]	Piecewise (LS)	⚠ High uncertainty
4	0.5000 ± 0.8	[0.5000, 0.5000]	Piecewise (LS)	⚠ High uncertainty
Average	0.5000 ± 4	[0.5000, 0.5000]	Piecewise (LS)	⚠ High uncertainty

Plots



Replicate plots



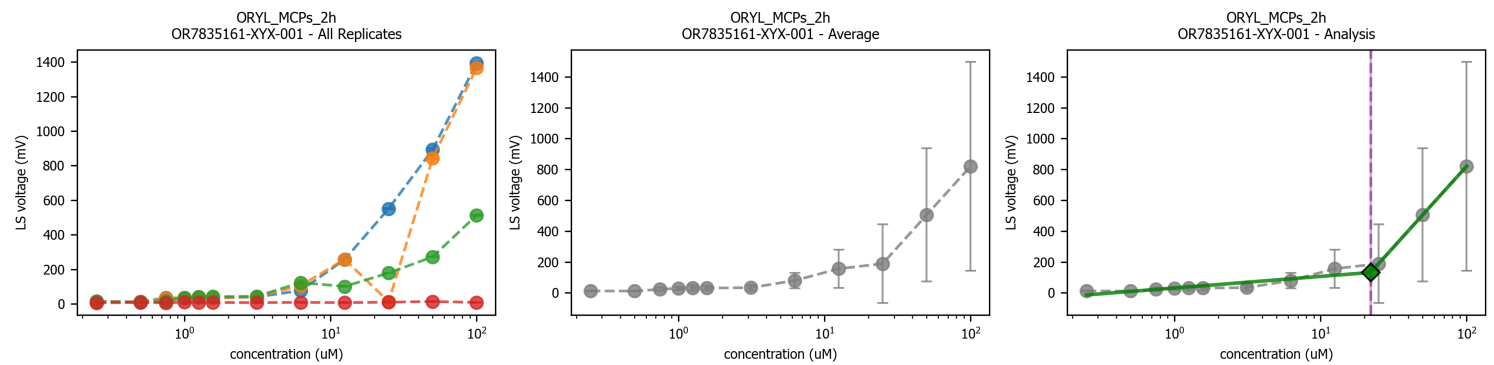
OR7835161-XYX-001

Plate: ORYL_MCPs_2h

Results:

Replicate	Solubility (uM)	95% Confidence Interval (uM)	Analysis Method	Analysis Status
1	9.68 ± 0.06	[9.6, 9.77]	Piecewise (LS)	✓ Calculation successful
2	25.0000 ± 6e-7	[25.0000, 25.0000]	Piecewise (LS)	✓ Calculation successful
3	22.0 ± 0.2	[21.8, 22.4]	Piecewise (LS)	✓ Calculation successful
4	2.2106 ± 4	[2.2097, 13]	Piecewise (LS)	⚠ High uncertainty
Average	22.06 ± 0.07	[21.9, 22.2]	Piecewise (LS)	✓ Calculation successful

Plots



Replicate plots

