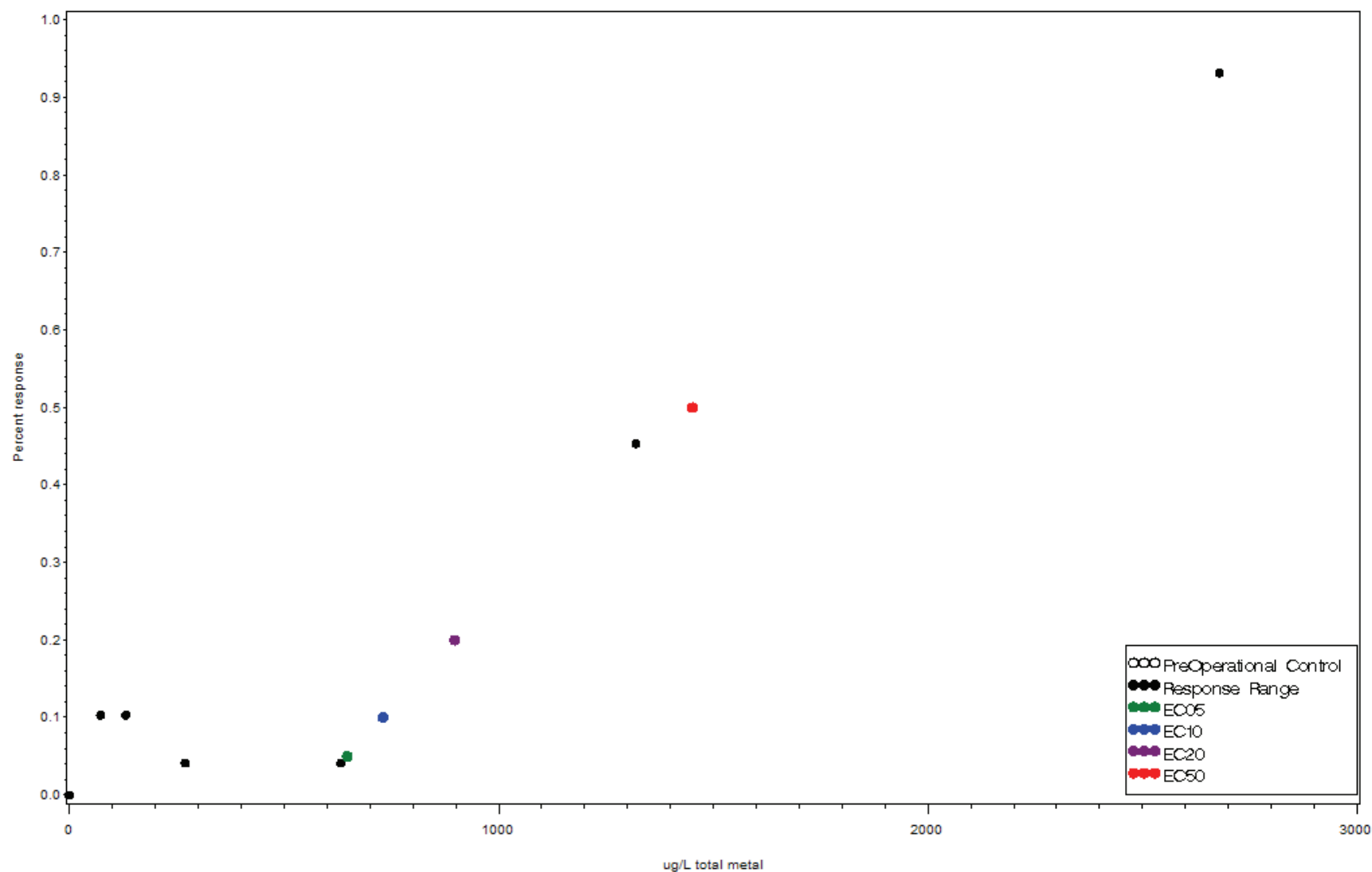
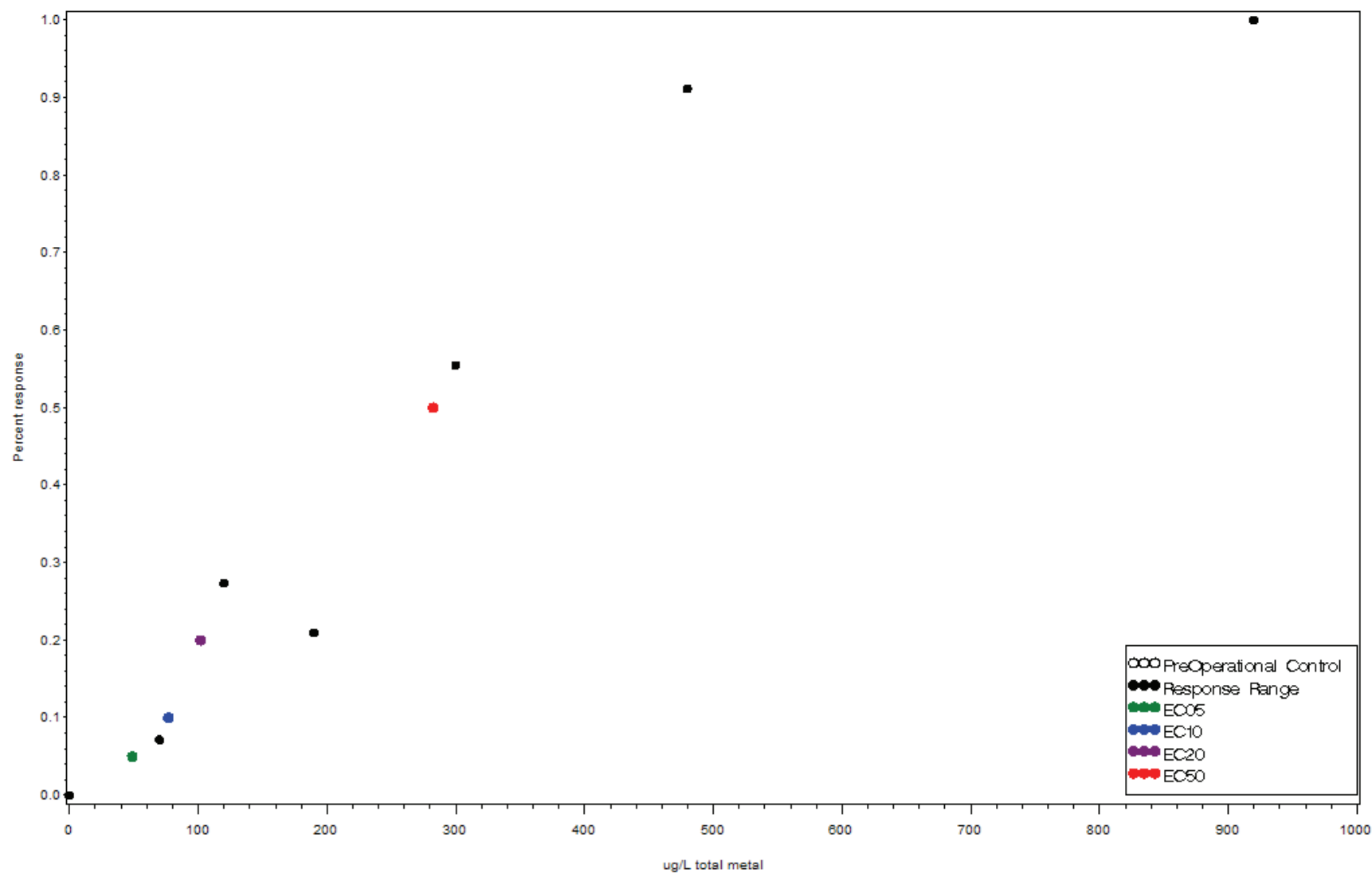


APPENDIX K
Interpolated Exposure Response Relationships

Survival in *Daphnia magna* exposed to 0-2680 ug/L Arsenic III
Test 138-3, Lima et al., 1984
EC05= 647.599 EC10= 730.898 EC20= 897.495 EC50= 1451.897



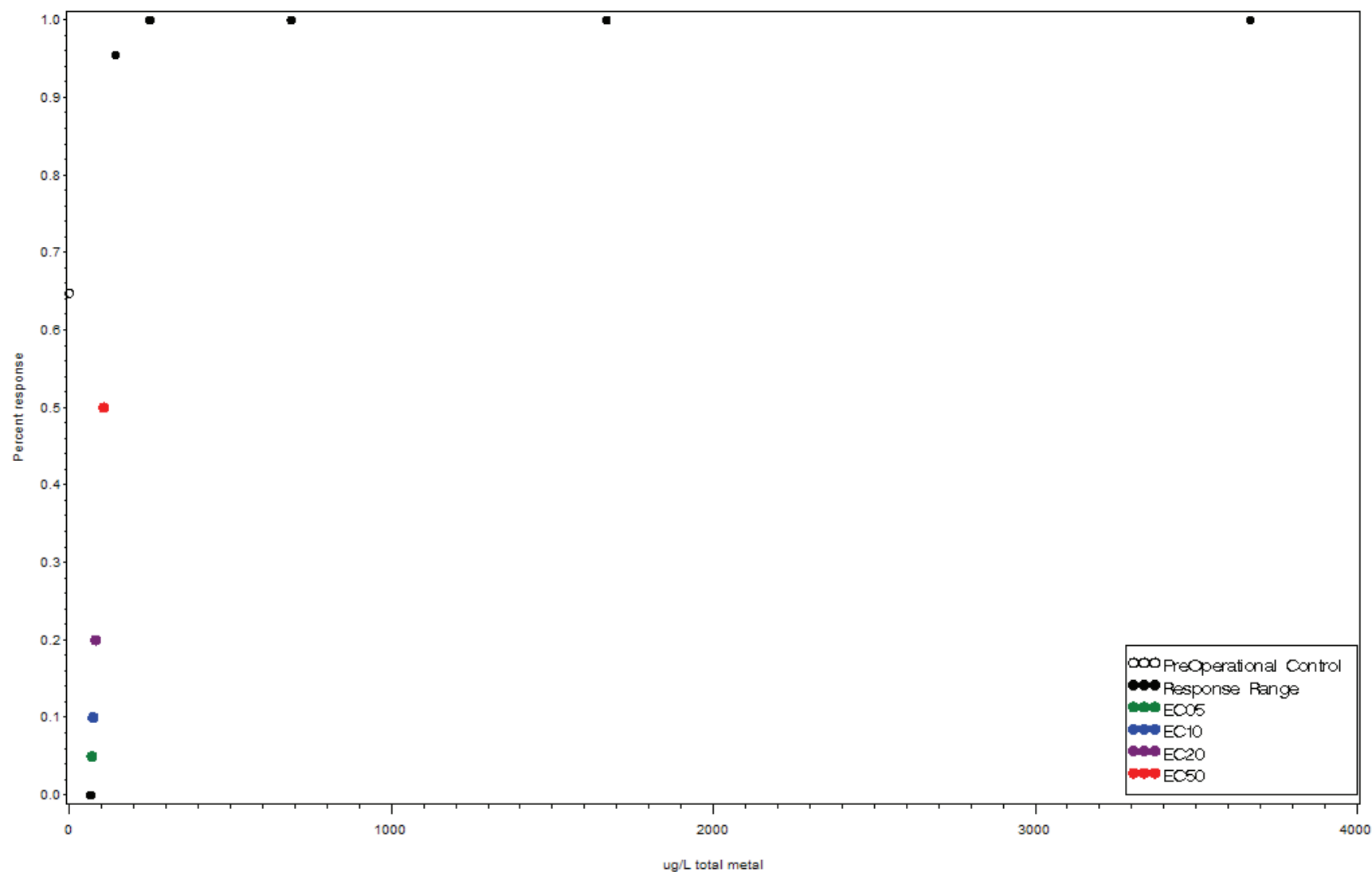
Reproduction in *Daphnia magna* exposed to 0-920 ug/L Selenium IV
Test 137-2, Kimball manuscript
EC05= 48.962 EC10= 77.058 EC20= 101.808 EC50= 282.534



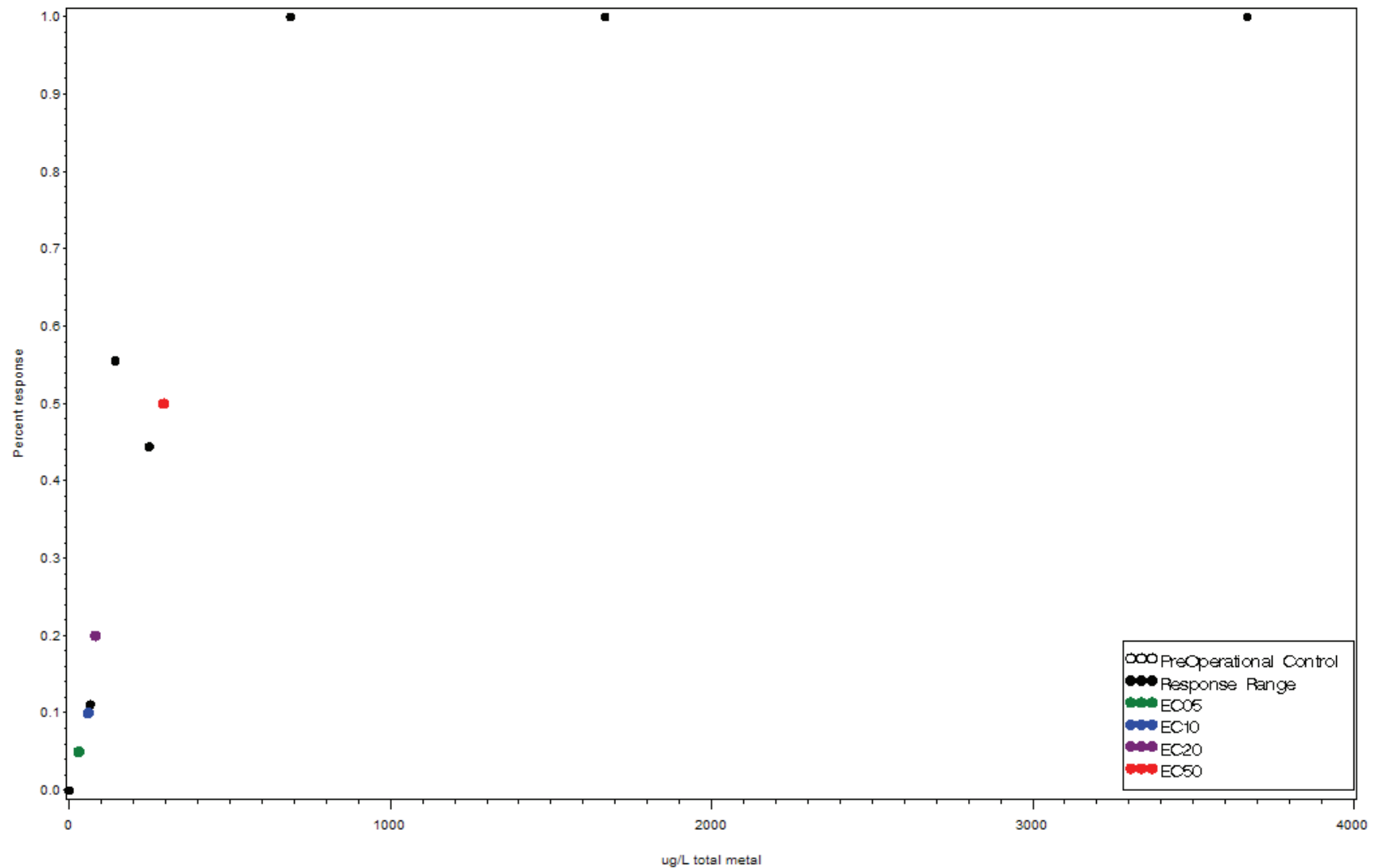
Reproduction over generat in *Clistoronia magnifica* exposed to 0-3669 ug/L Nickel

Test 136-3, Nebeker et al., 1984

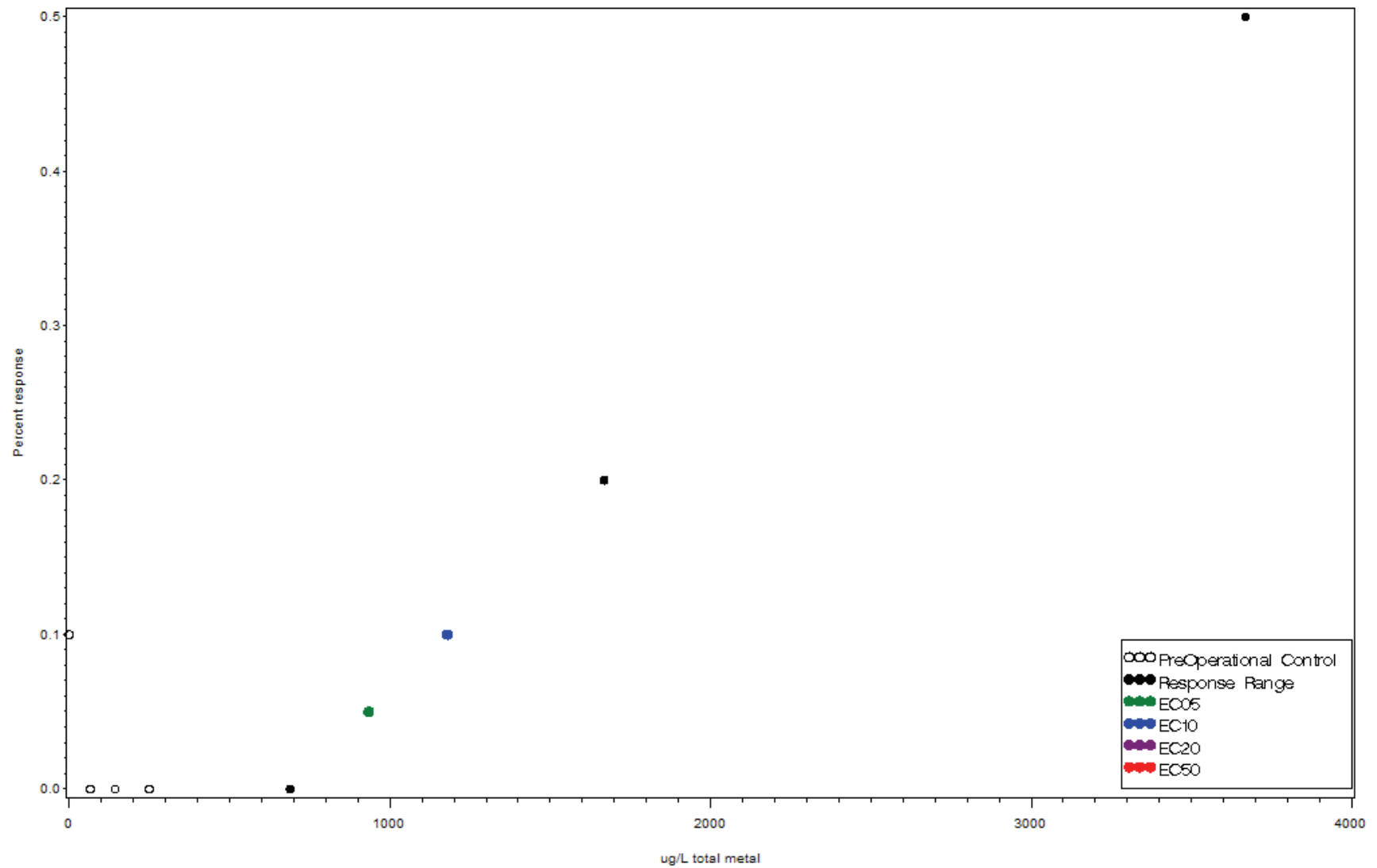
EC05= 70.084 EC10= 74.168 EC20= 82.336 EC50= 106.841



Survival in *Clistoronia magnifica* exposed to 0-3669 ug/L Nickel
 Test 136-2, Nebeker et al., 1984
 EC05= 29.7 EC10= 59.4 EC20= 81.6 EC50= 294



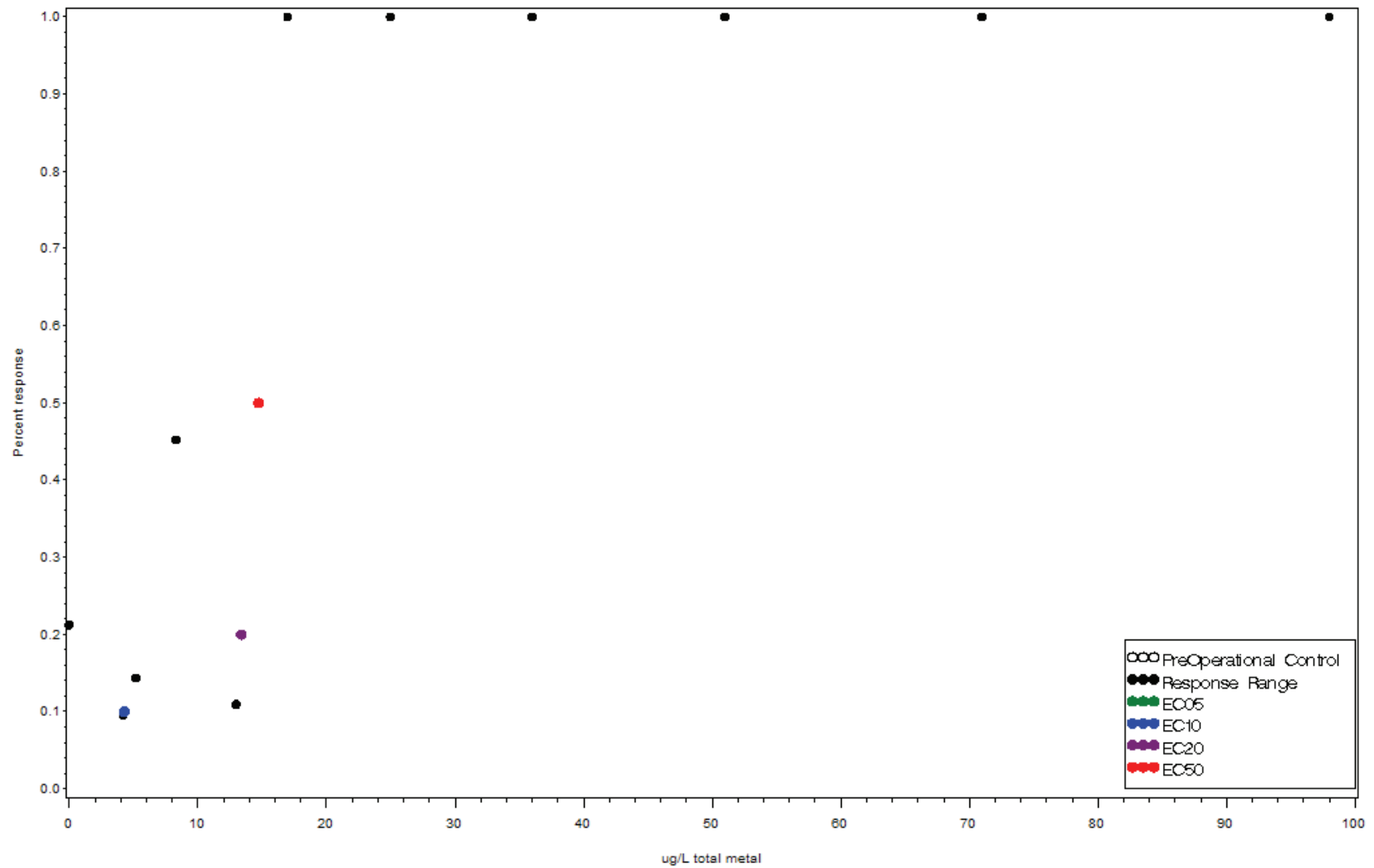
Survival in *Clistoronia magnifica* exposed to 0-3669 ug/L Nickel
 Test 136-1, Nebeker et al., 1984
 EC05= 934.75 EC10= 1179.5 EC20= . EC50= .



Reproduction over generat in *Clistoronia magnifica* exposed to 0-98 ug/L Copper

Test 135-4, Nebeker et al., 1984

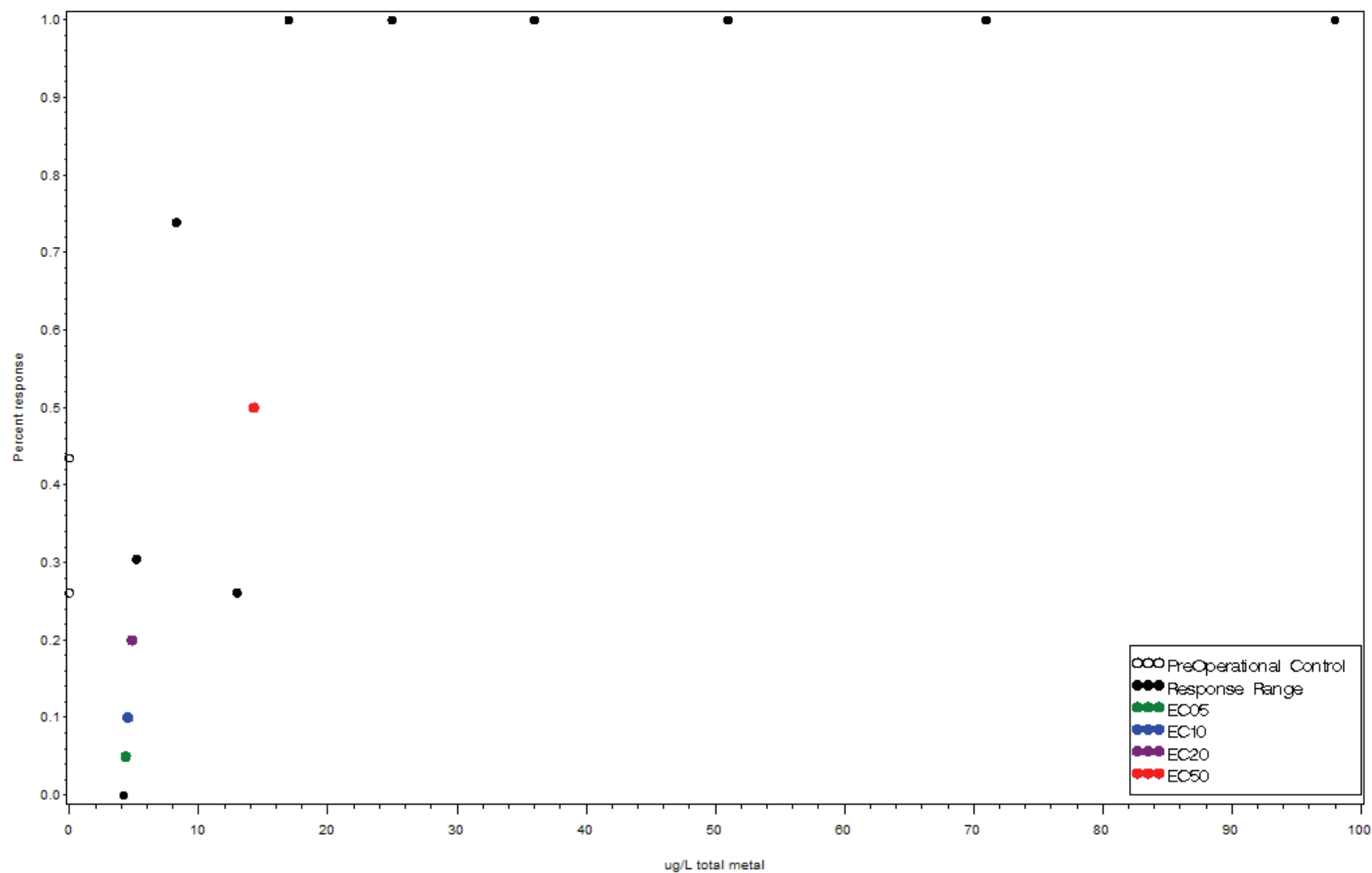
EC05= . EC10= 4.286 EC20= 13.406 EC50= 14.754



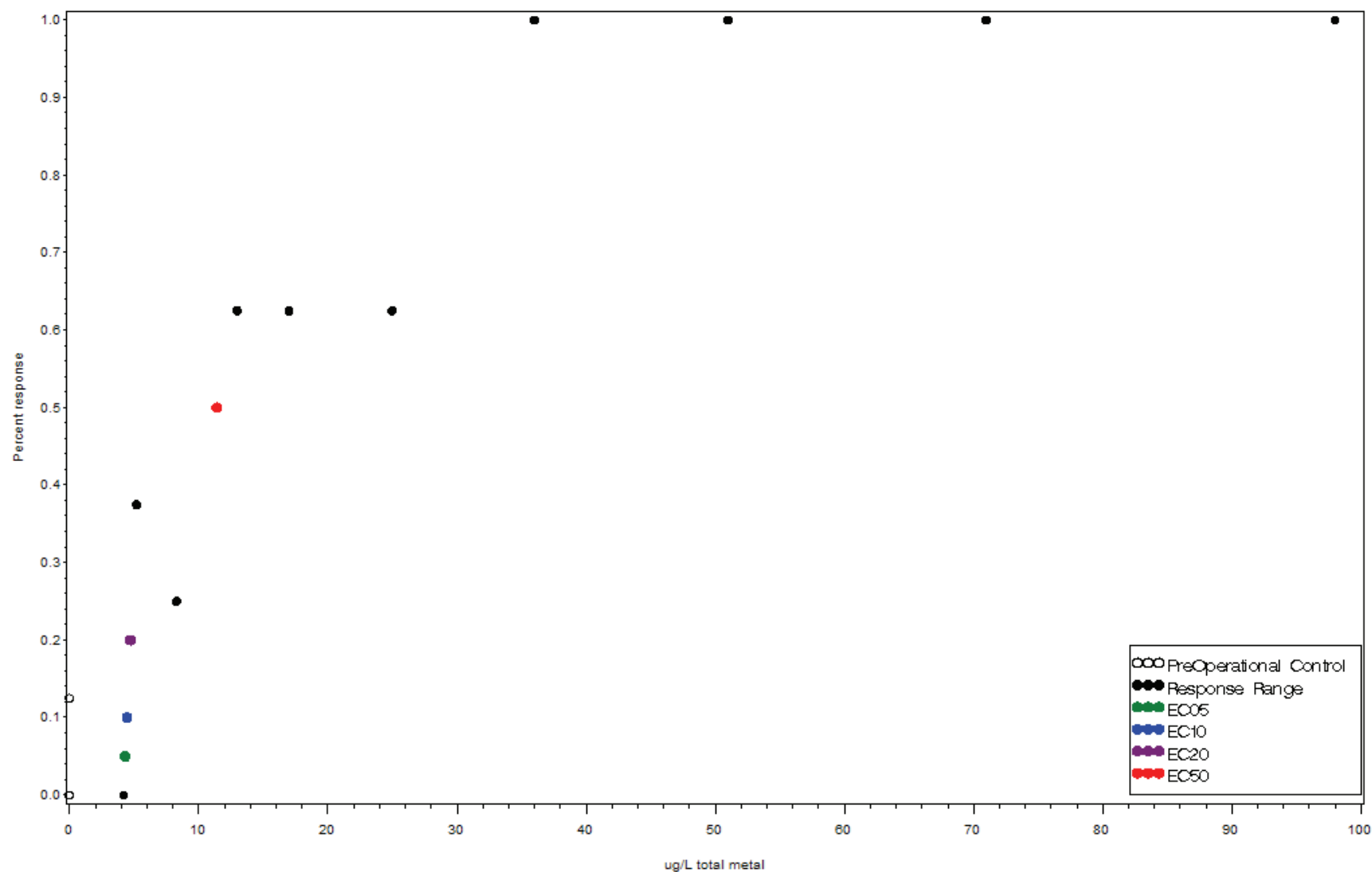
Survival over generations in *Clistoronia magnifica* exposed to 0-98 ug/L Copper

Test 135-3, Nebeker et al., 1984

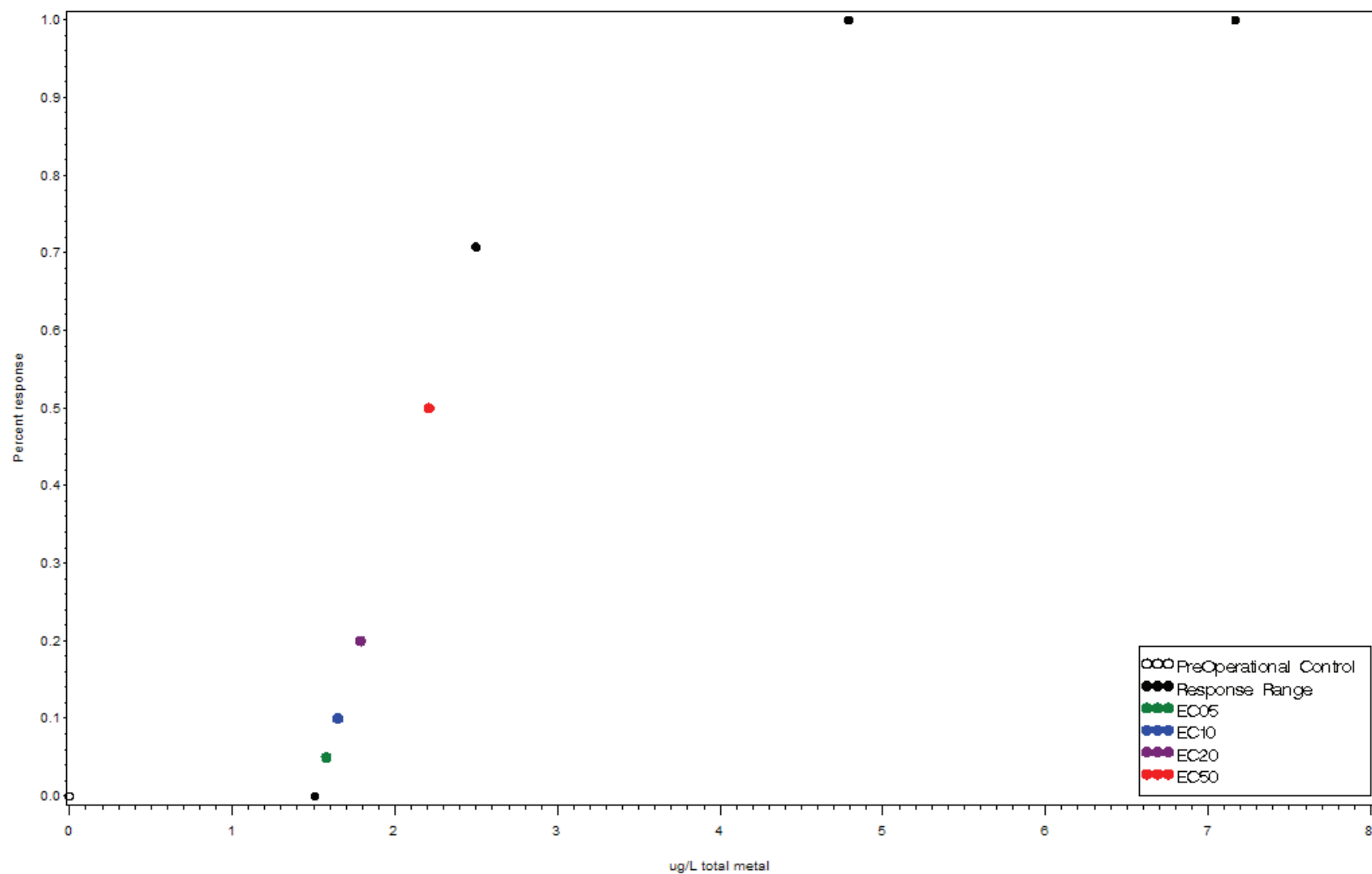
EC05= 4.364 EC10= 4.529 EC20= 4.857 EC50= 14.294



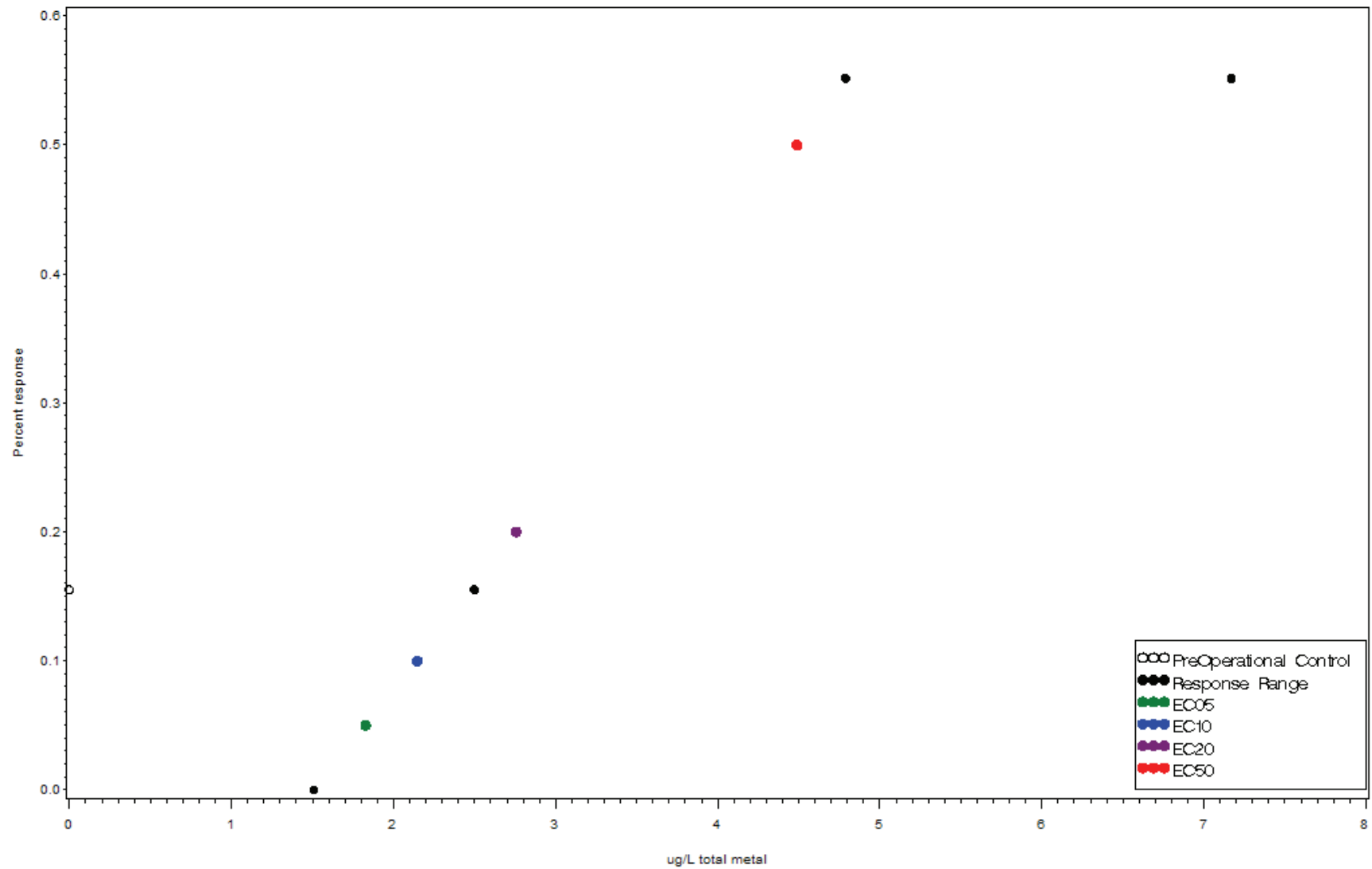
Survival in *Clistronia magnifica* exposed to 0-98 ug/L Copper
 Test 135-2, Nebeker et al., 1984
 EC05= 4.333 EC10= 4.467 EC20= 4.733 EC50= 11.433



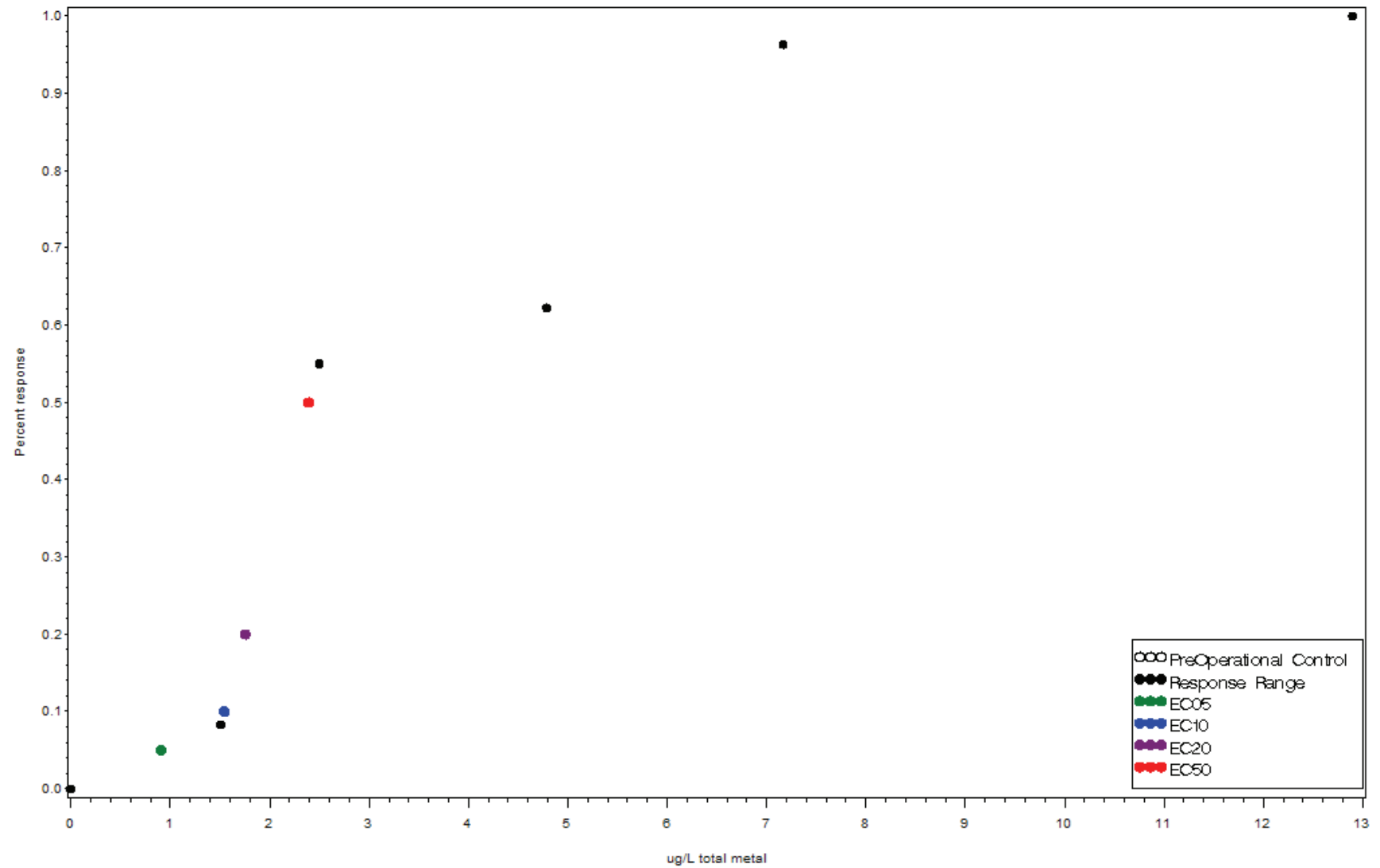
Reproduction in *Aplexa hypnorum* exposed to 0-7.17 ug/L Cadmium
Test 134-3, Holcombe et al., 1984
EC05= 1.58 EC10= 1.65 EC20= 1.79 EC50= 2.21



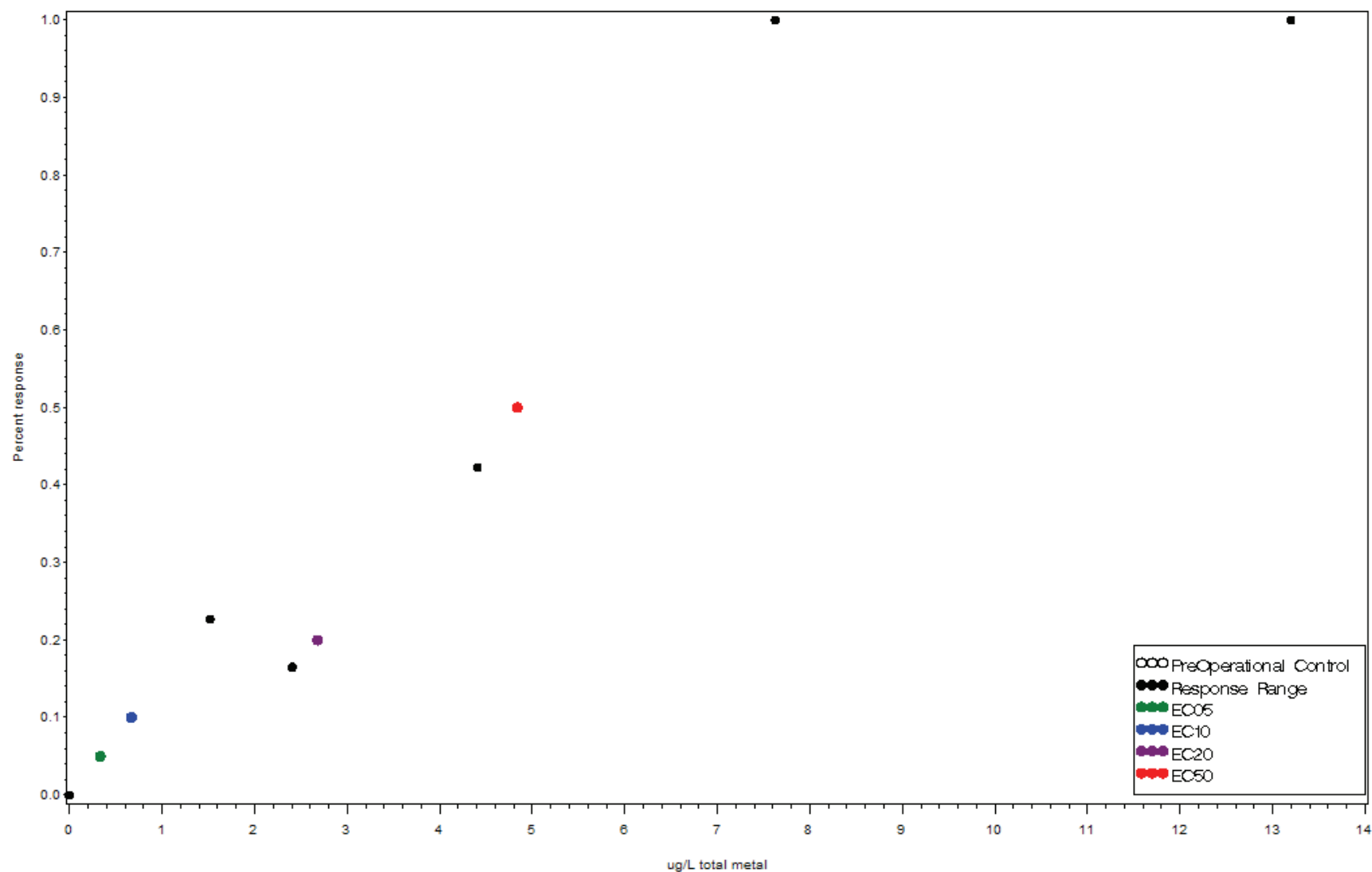
Growth in *Aplexa hypnorum* exposed to 0-7.17 ug/L Cadmium
Test 134-2, Holcombe et al., 1984
EC05= 1.829 EC10= 2.148 EC20= 2.759 EC50= 4.491



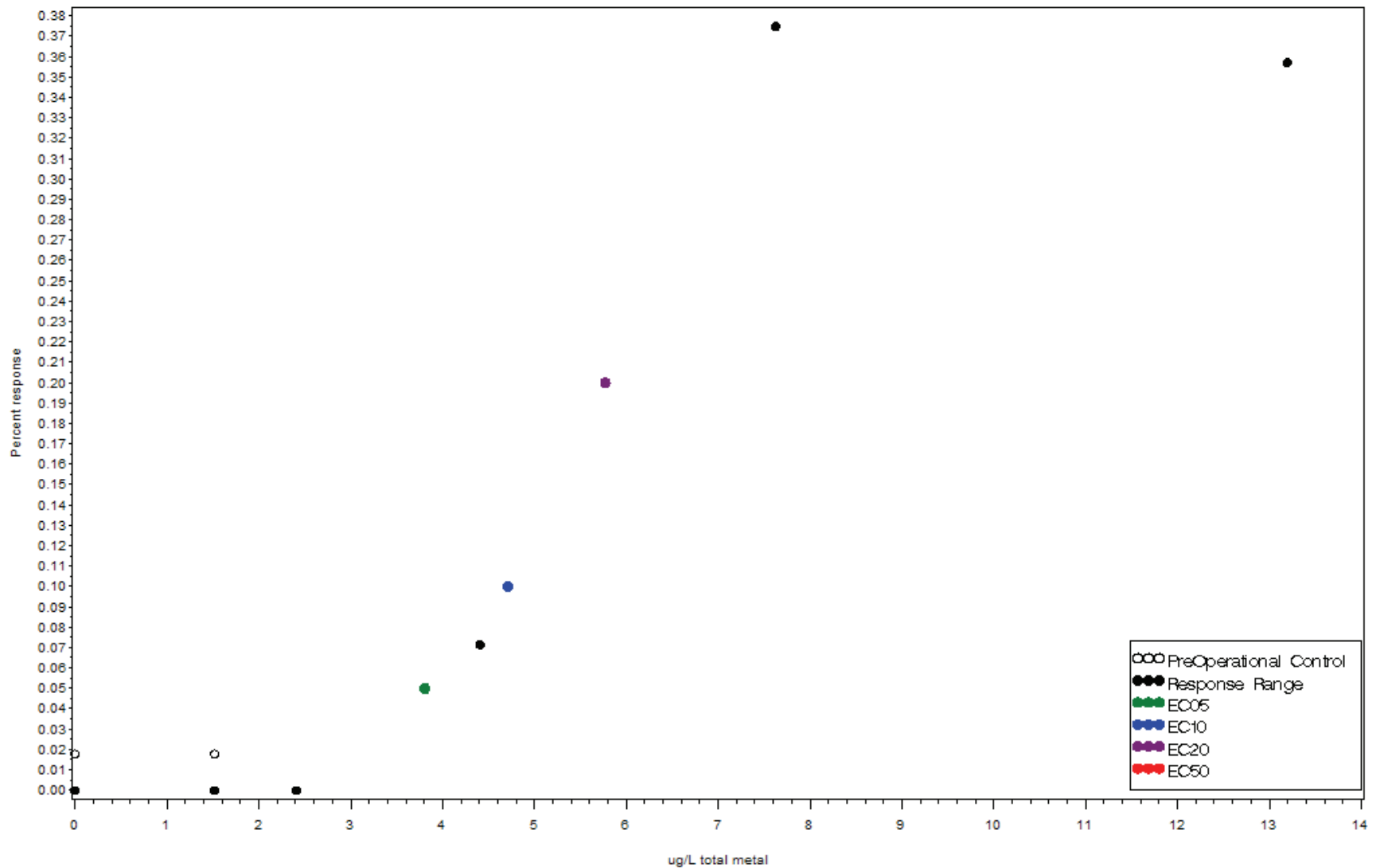
Survival in *Aplexa hypnorum* exposed to 0-12.9 ug/L Cadmium
Test 134-1, Holcombe et al., 1984
EC05= 0.909 EC10= 1.546 EC20= 1.758 EC50= 2.394



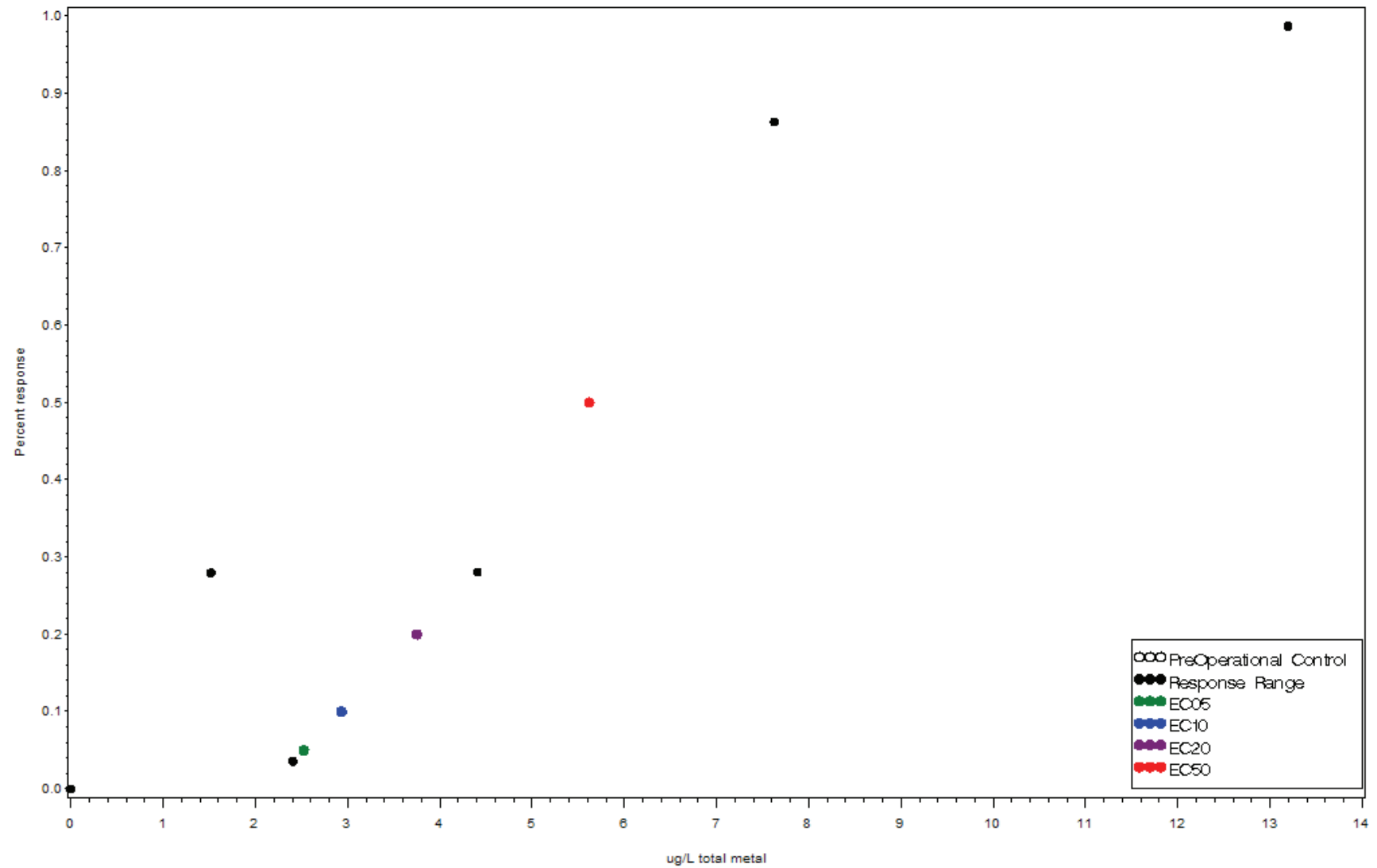
Reproduction in *Aplexa hypnorum* exposed to 0-13.2 ug/L Cadmium
Test 133-3, Holcombe et al., 1984
EC05= 0.335 EC10= 0.67 EC20= 2.682 EC50= 4.841



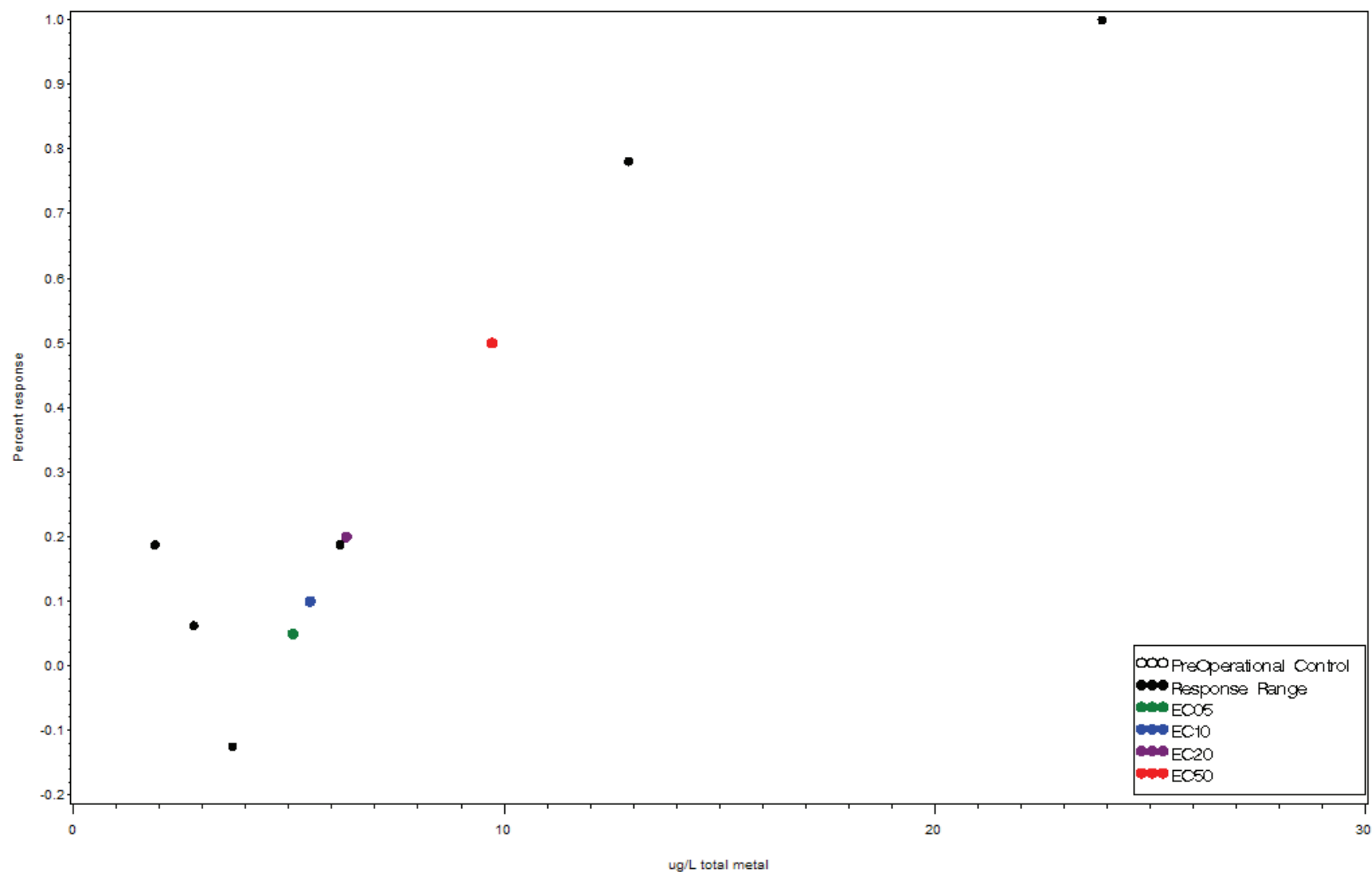
Growth in *Aplexa hypnorum* exposed to 0-13.2 ug/L Cadmium
 Test 133-2, Holcombe et al., 1984
 EC05= 3.81 EC10= 4.713 EC20= 5.774 EC50= .



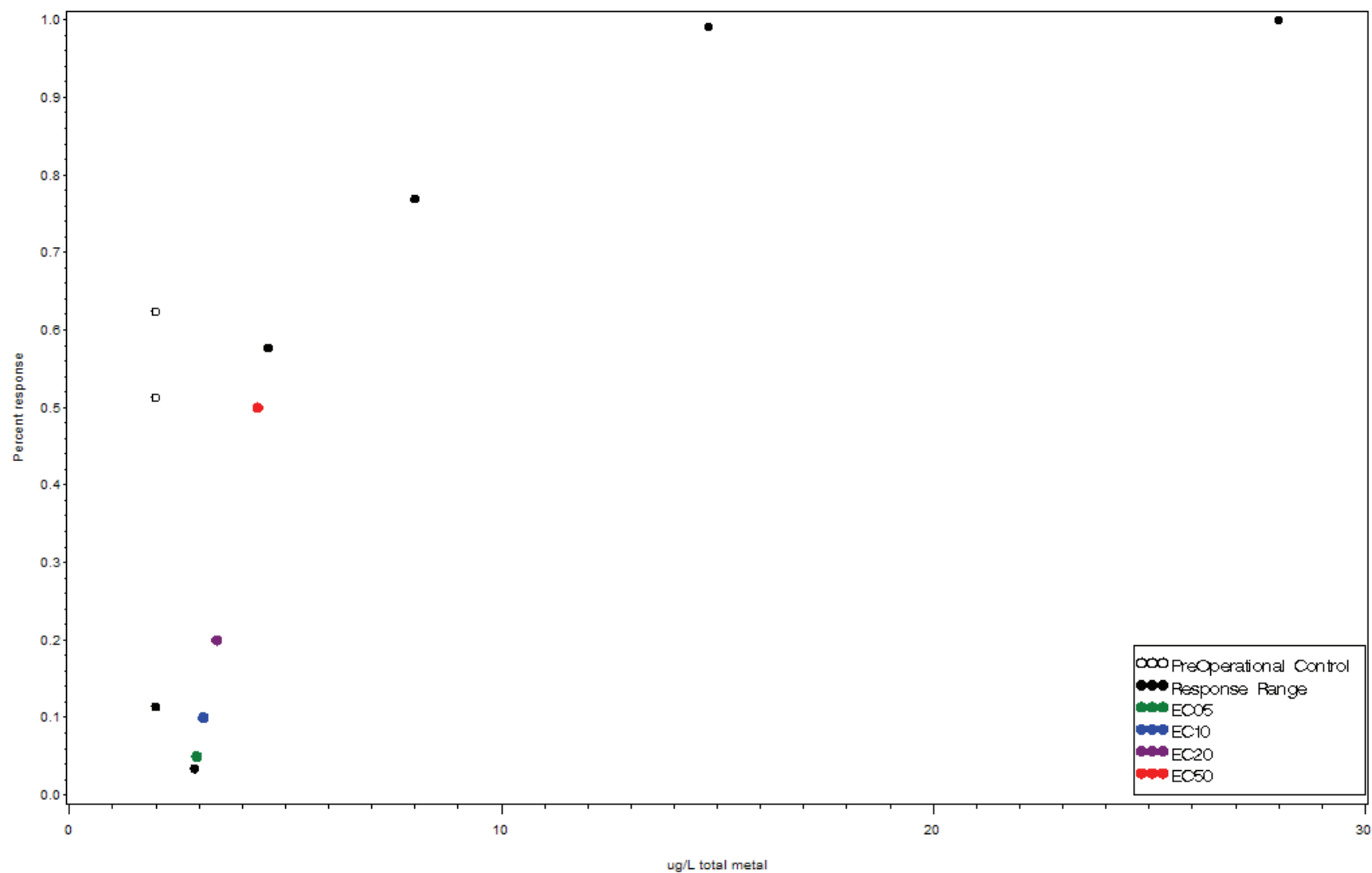
Survival in *Aplexa hypnorum* exposed to 0-13.2 ug/L Cadmium
Test 133-1, Holcombe et al., 1984
EC05= 2.527 EC10= 2.935 EC20= 3.751 EC50= 5.622



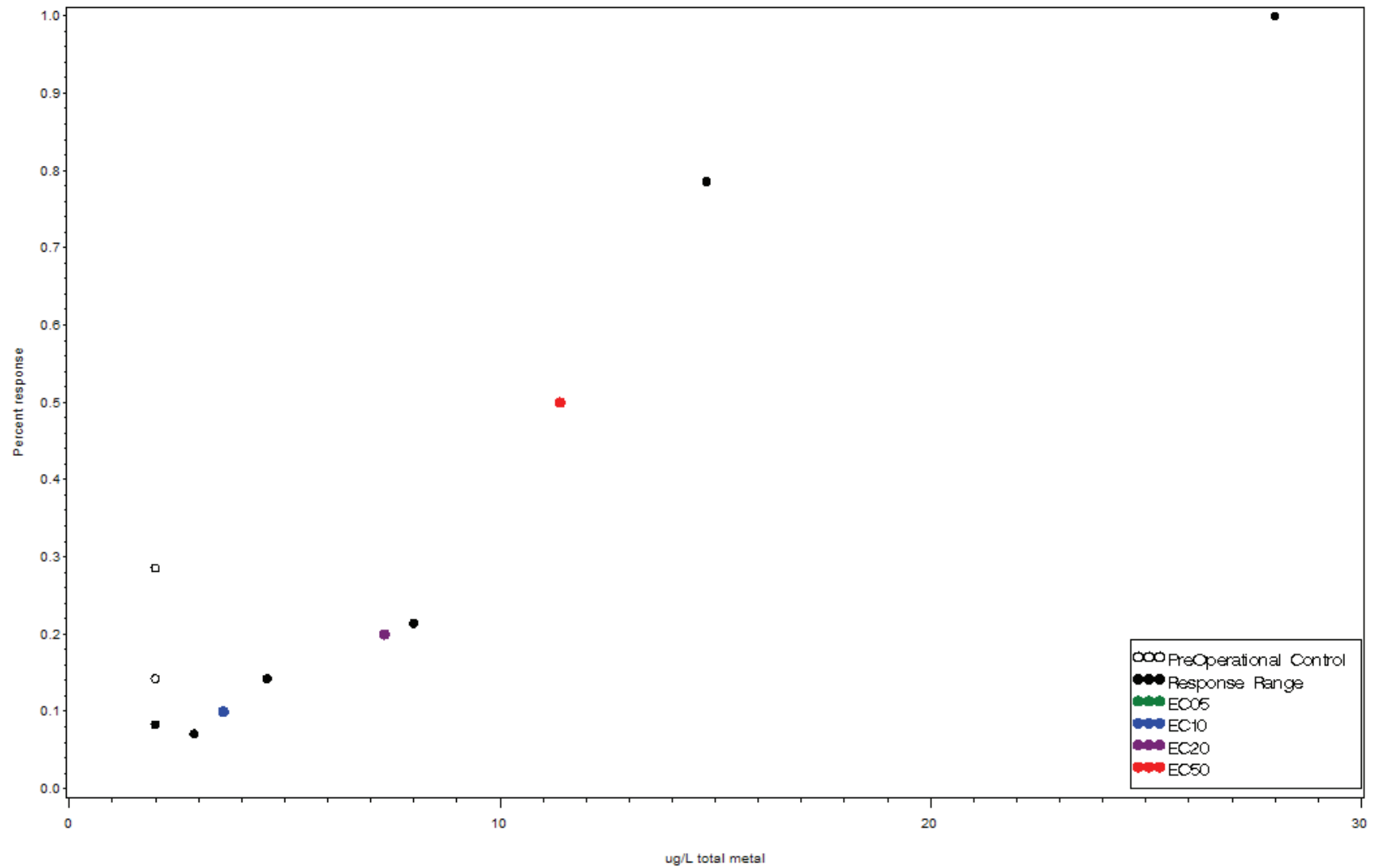
Survival in *Gammarus pseudolimnaeus* exposed to 1.9-23.9 ug/L Copper
Test 132-3, Arthur & Leonard, 1970
EC05= 5.1 EC10= 5.5 EC20= 6.341 EC50= 9.726



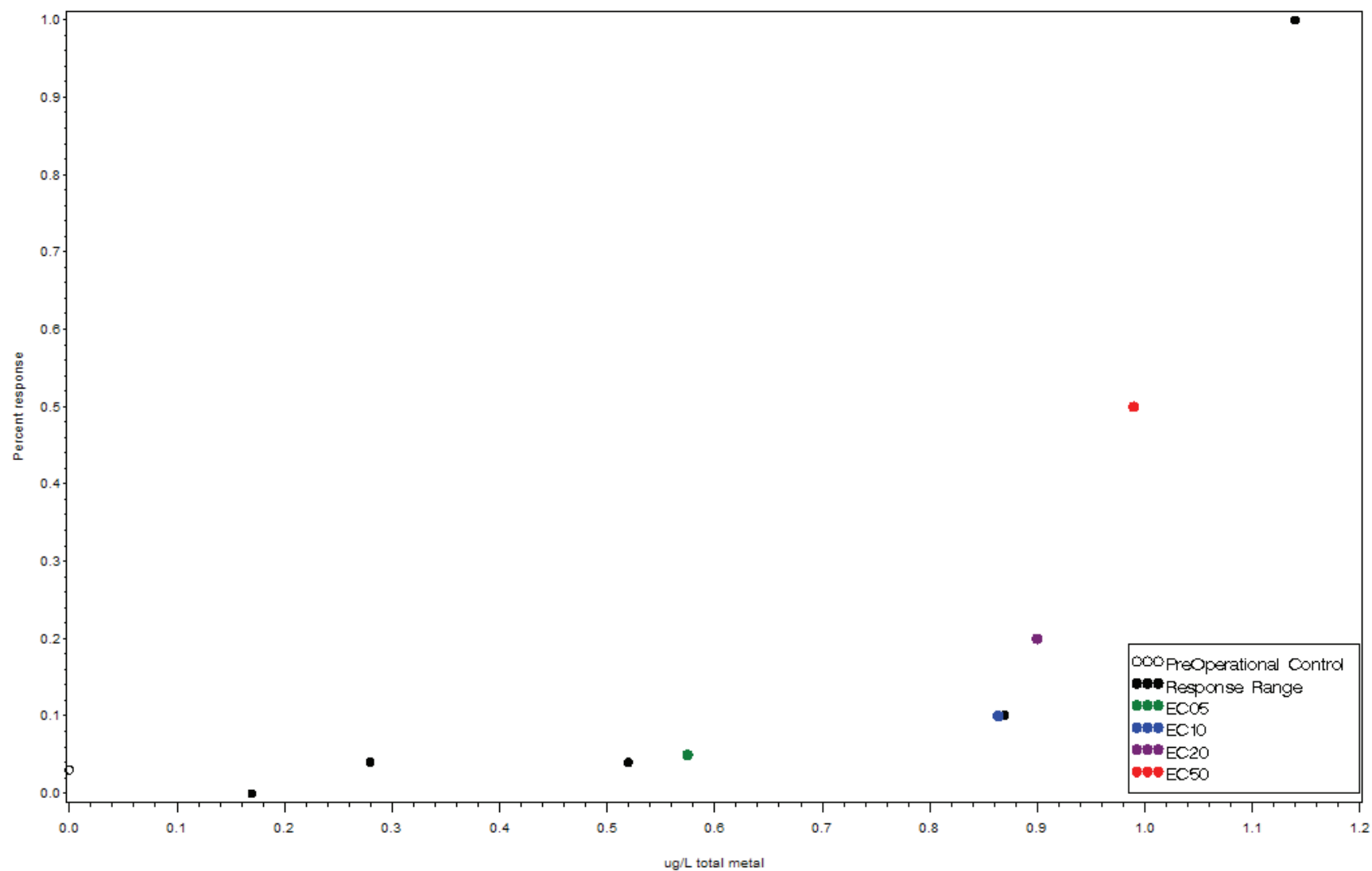
Reproduction in *Gammarus pseudolimnaeus* exposed to 2-28 ug/L Copper
Test 132-2, Arthur & Leonard, 1970
EC05= 2.95 EC10= 3.106 EC20= 3.419 EC50= 4.359



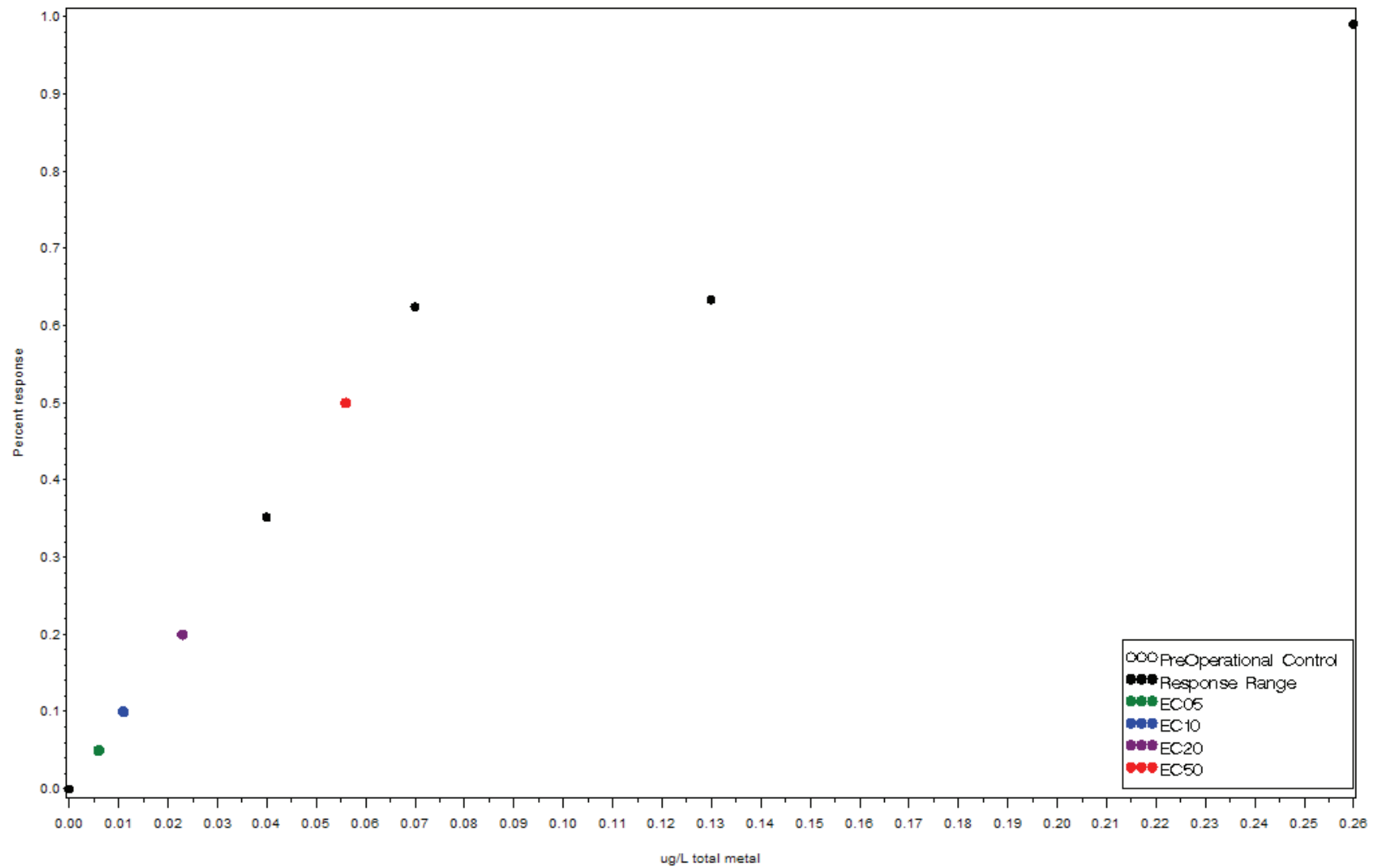
Survival in *Gammarus pseudolimnaeus* exposed to 2-28 ug/L Copper
Test 132-1, Arthur & Leonard, 1970
EC05= . EC10= 3.58 EC20= 7.32 EC50= 11.4



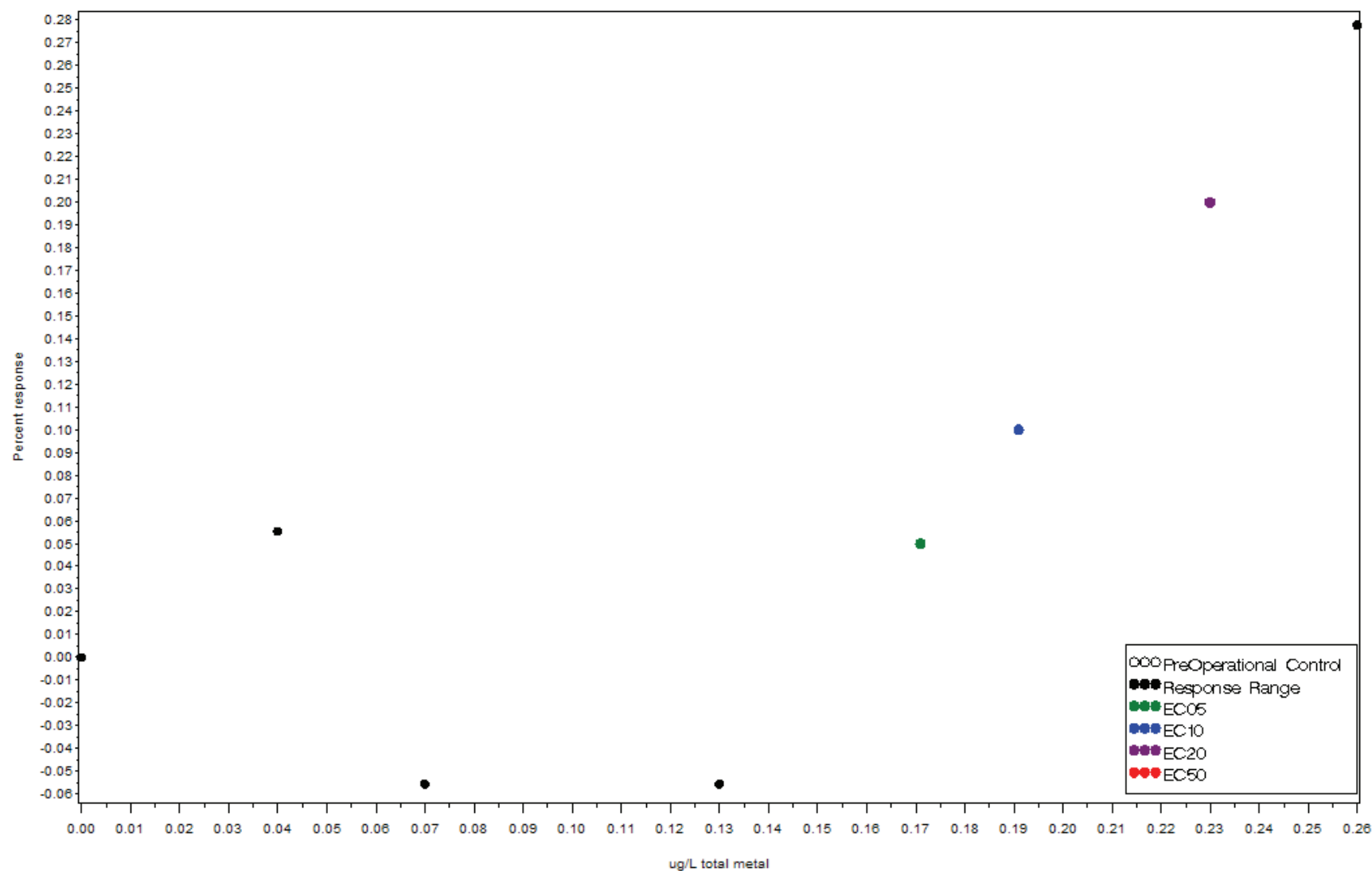
Survival in *Daphnia magna* exposed to 0-1.14 ug/L Methyl mercuric chloride
Test 124-1, Biesinger et al., 1982
EC05= 0.575 EC10= 0.864 EC20= 0.9 EC50= 0.99



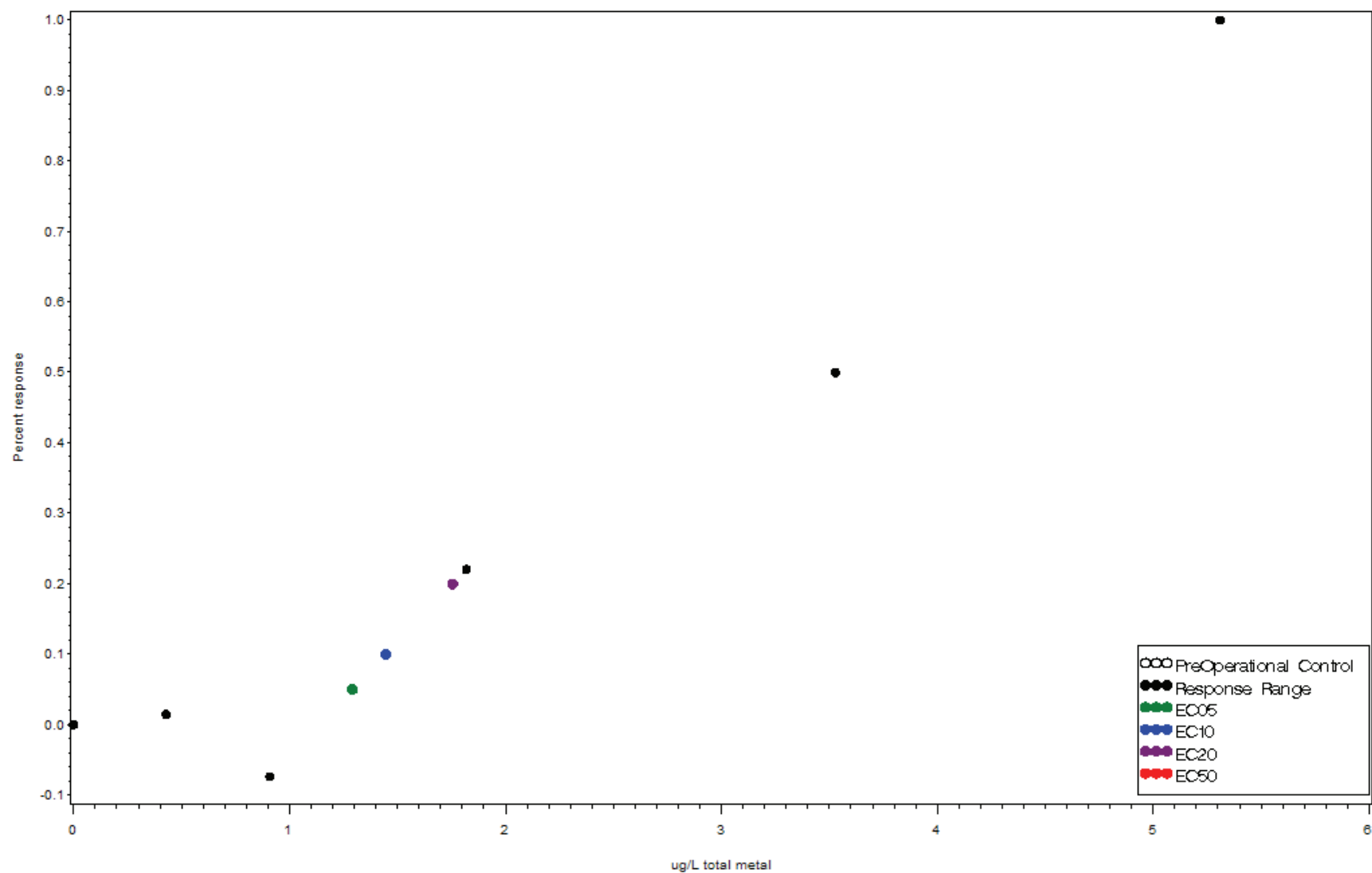
Growth in *Daphnia magna* exposed to 0-0.26 ug/L Methyl mercuric chloride
 Test 123-2, Biesinger et al., 1982
 EC05= 0.006 EC10= 0.011 EC20= 0.023 EC50= 0.056



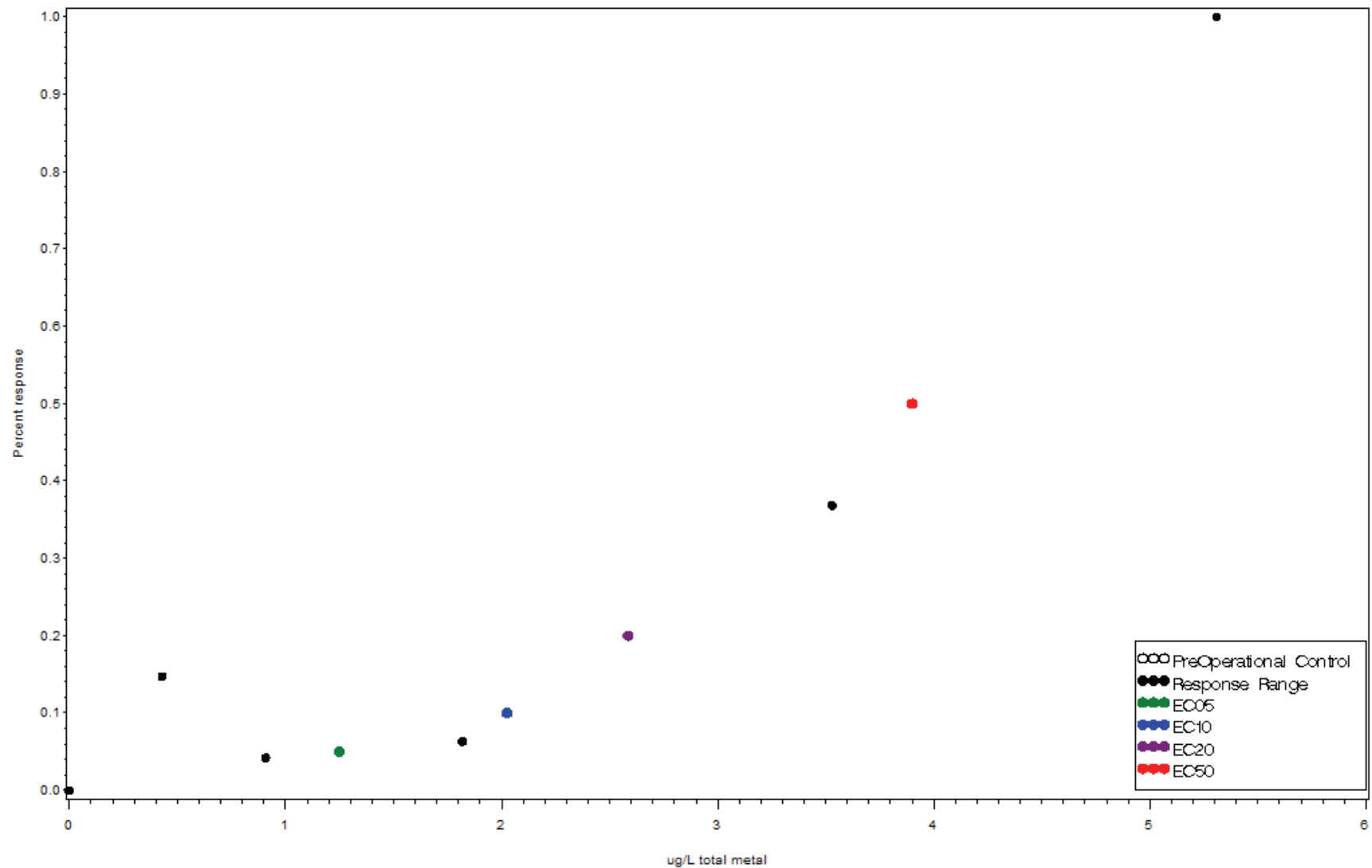
Survival in *Daphnia magna* exposed to 0-0.26 ug/L Methyl mercuric chloride
 Test 123-1, Biesinger et al., 1982
 EC05= 0.171 EC10= 0.191 EC20= 0.23 EC50= .



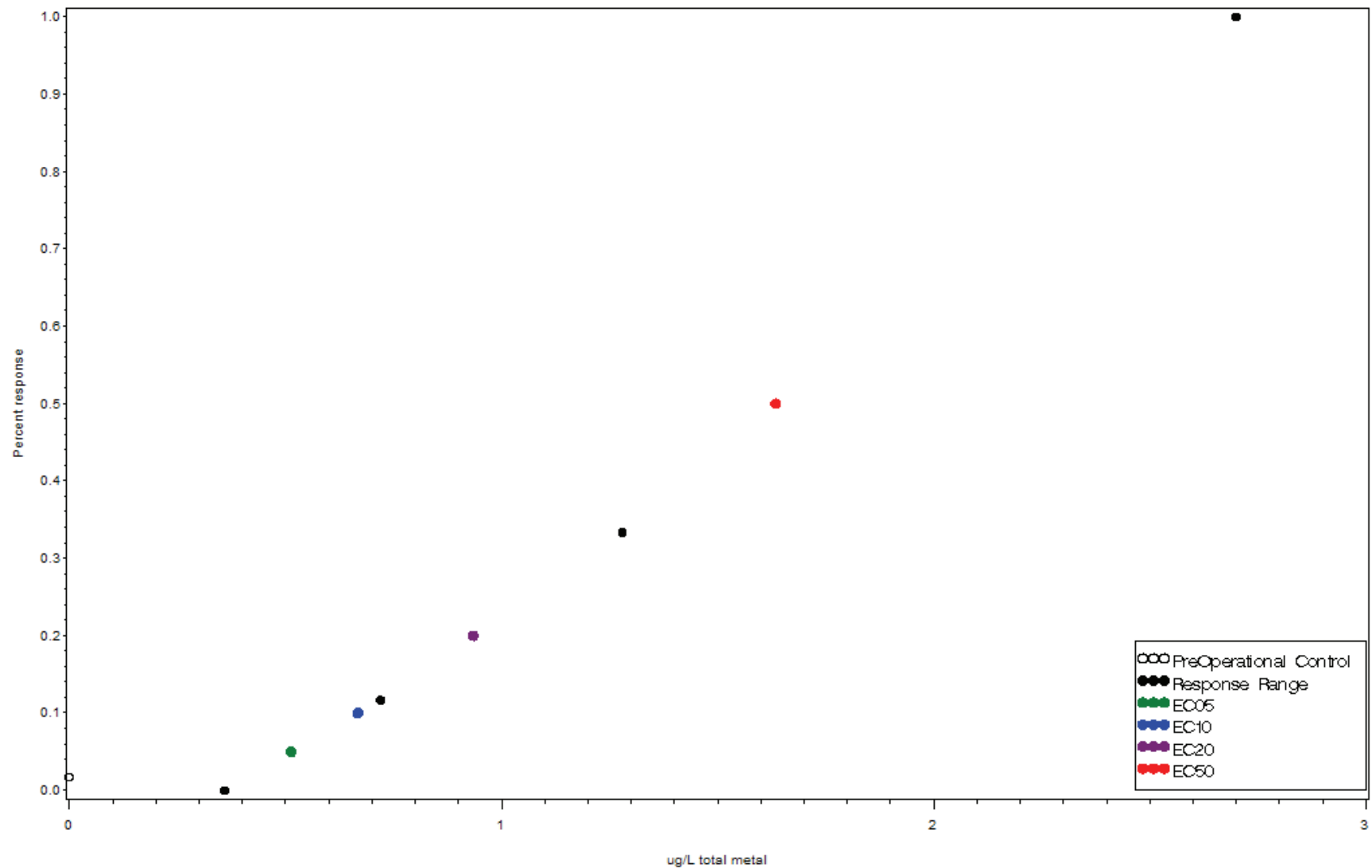
Reproduction in *Daphnia magna* exposed to 0-5.31 ug/L Mercury
 Test 122-2, Biesinger et al., 1982
 EC05= 1.292 EC10= 1.447 EC20= 1.756 EC50= .



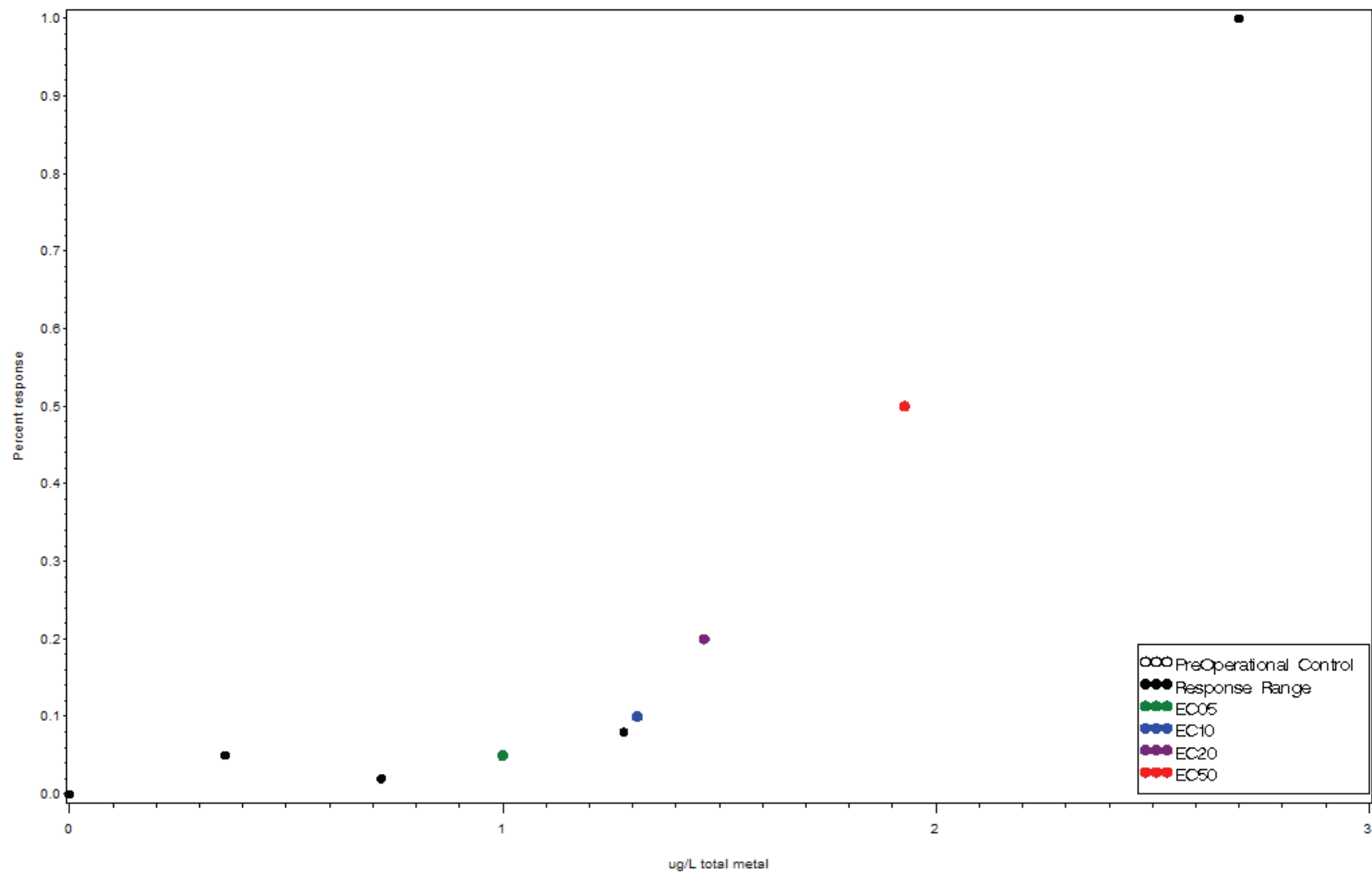
Survival in *Daphnia magna* exposed to 0-5.31 ug/L Mercury
Test 122-1, Biesinger et al., 1982
EC05= 1.251 EC10= 2.026 EC20= 2.587 EC50= 3.901



Reproduction in *Daphnia magna* exposed to 0-2.7 ug/L Mercury
Test 121-2, Biesinger et al., 1982
EC05= 0.514 EC10= 0.668 EC20= 0.935 EC50= 1.635



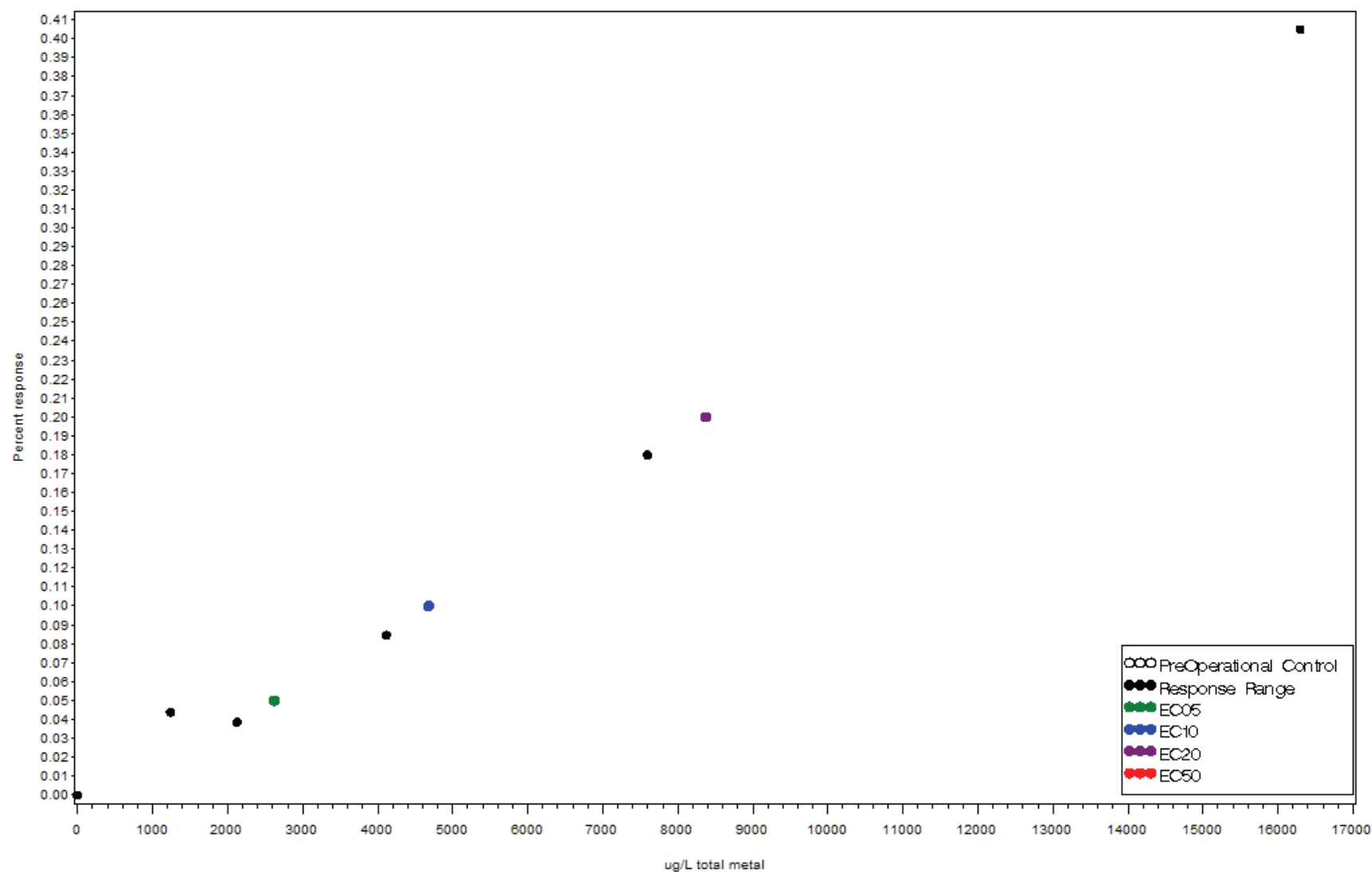
Survival in *Daphnia magna* exposed to 0-2.7 ug/L Mercury
Test 121-1, Biesinger et al., 1982
EC05= 1 EC10= 1.311 EC20= 1.465 EC50= 1.928



Growth in *Jordanella floridae* exposed to 0-16300 ug/L Arsenic III

Test 70-6, Lima et al., 1984

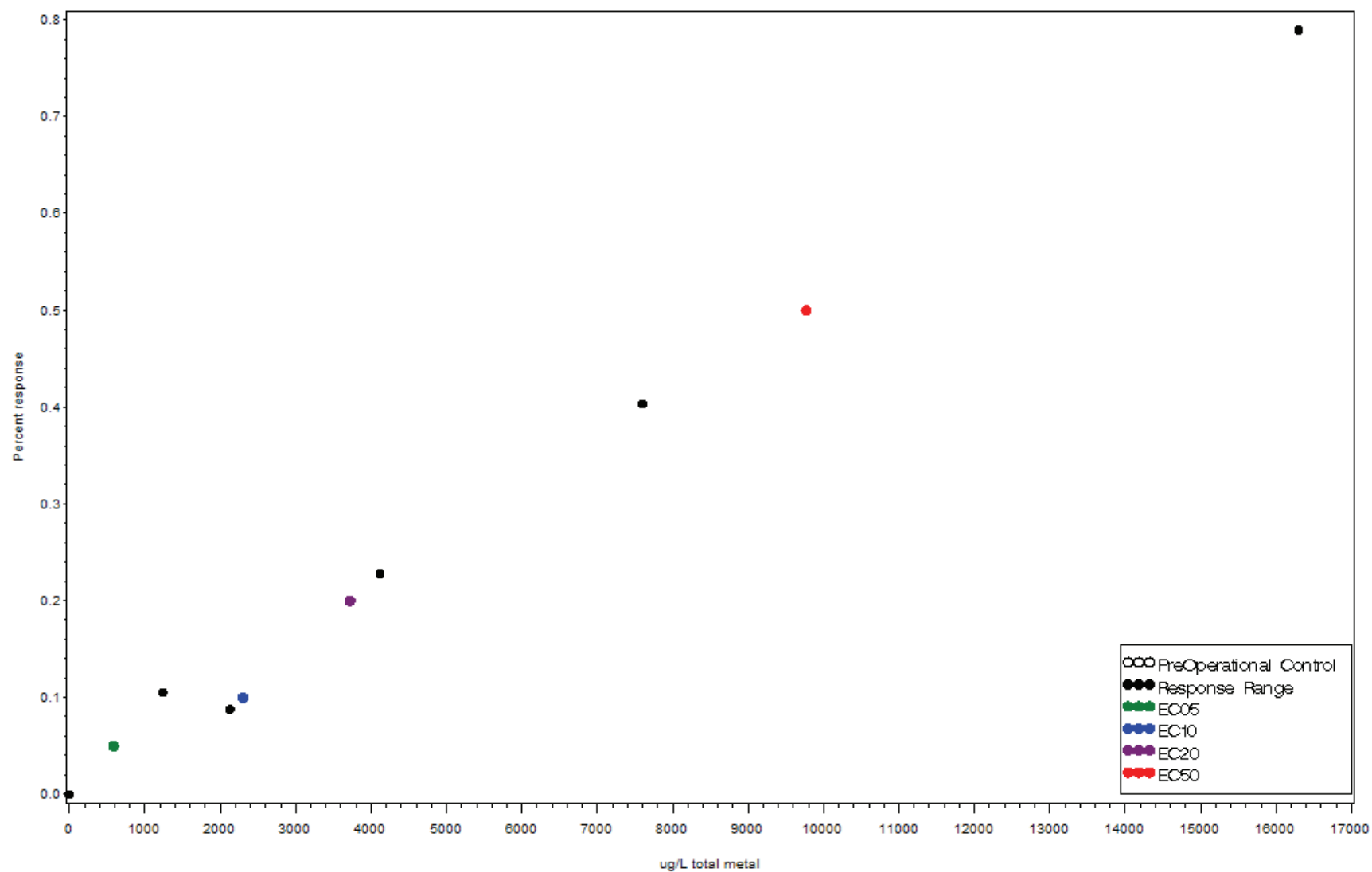
EC05= 2624.238 EC10= 4680.667 EC20= 8376.577 EC50= .



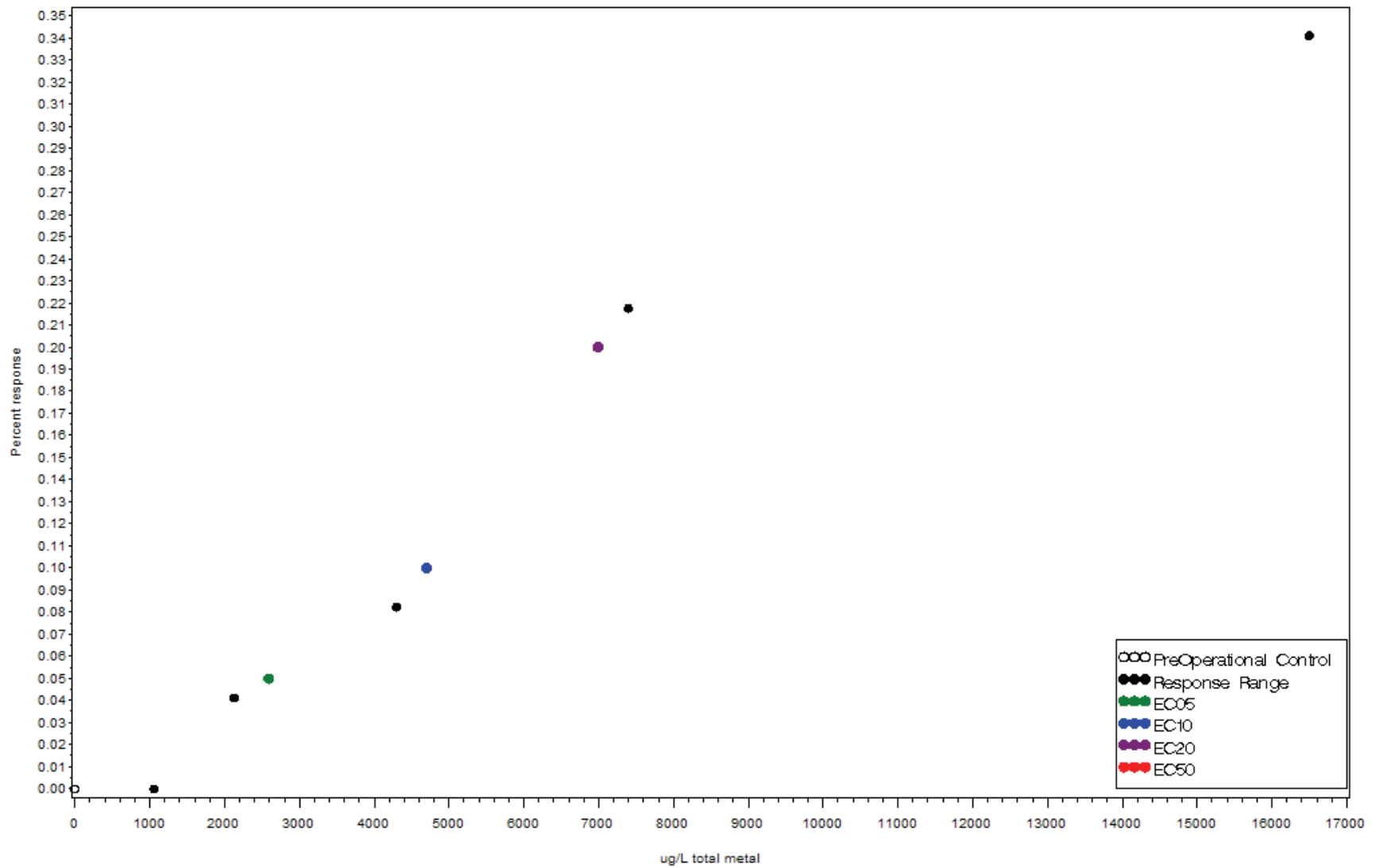
Growth in *Jordanella floridae* exposed to 0-16300 ug/L Arsenic III

Test 70-5, Lima et al., 1984

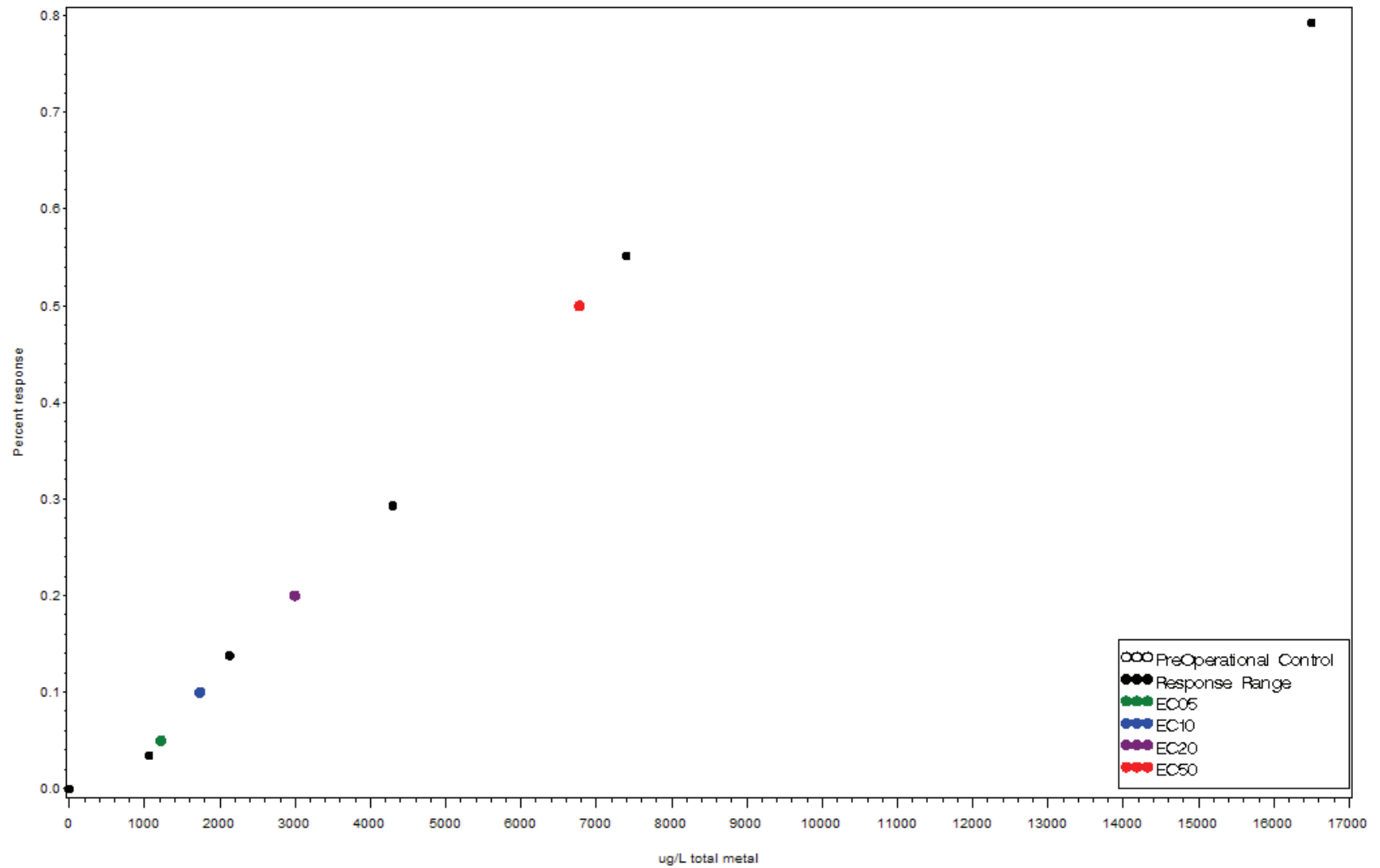
EC05= 589 EC10= 2304.125 EC20= 3722 EC50= 9775



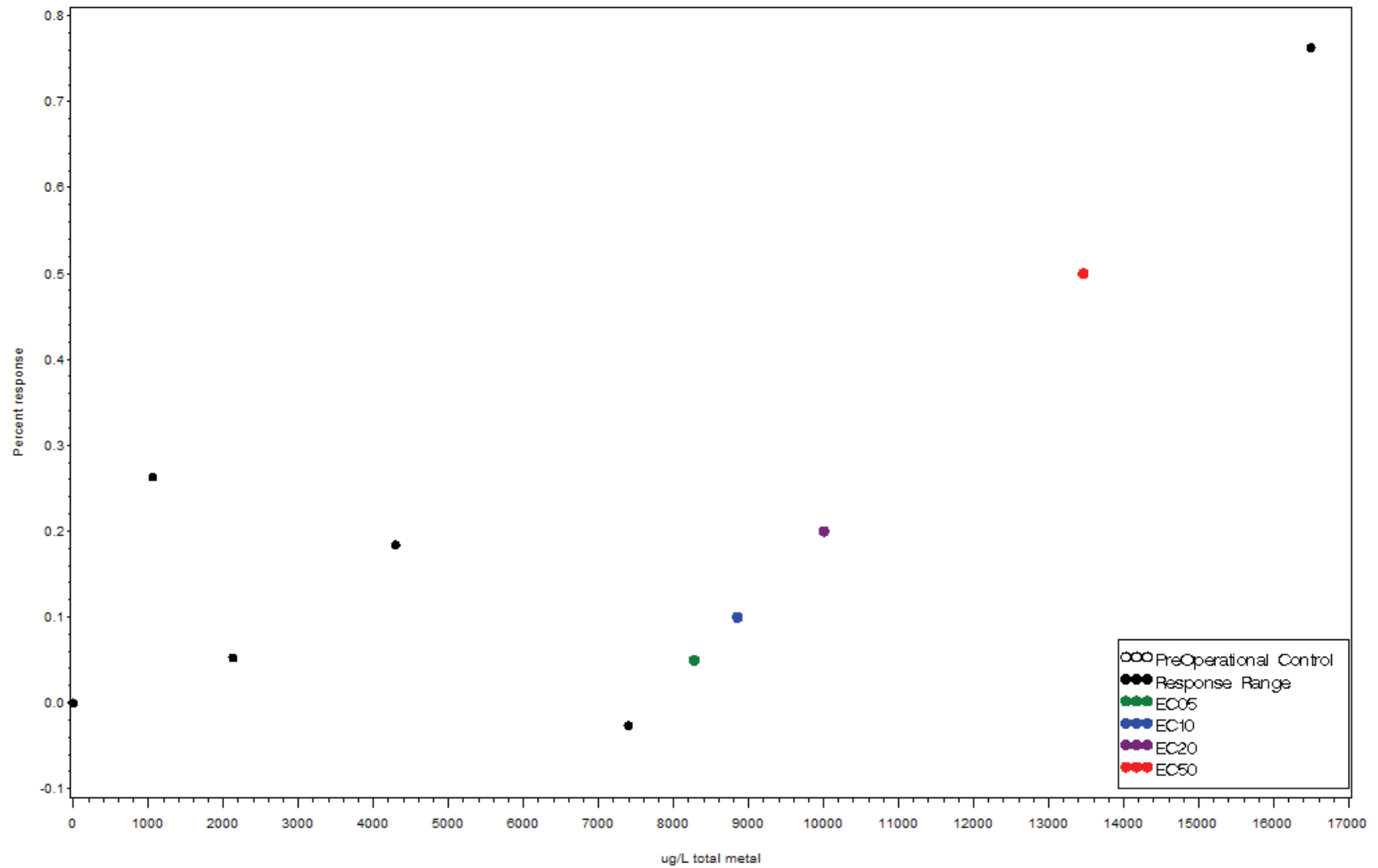
Growth in *Pimephales promelas* exposed to 0-16500 ug/L Arsenic III
 Test 70-3, Lima et al., 1984
 EC05= 2595 EC10= 4704.348 EC20= 6995.652 EC50= .



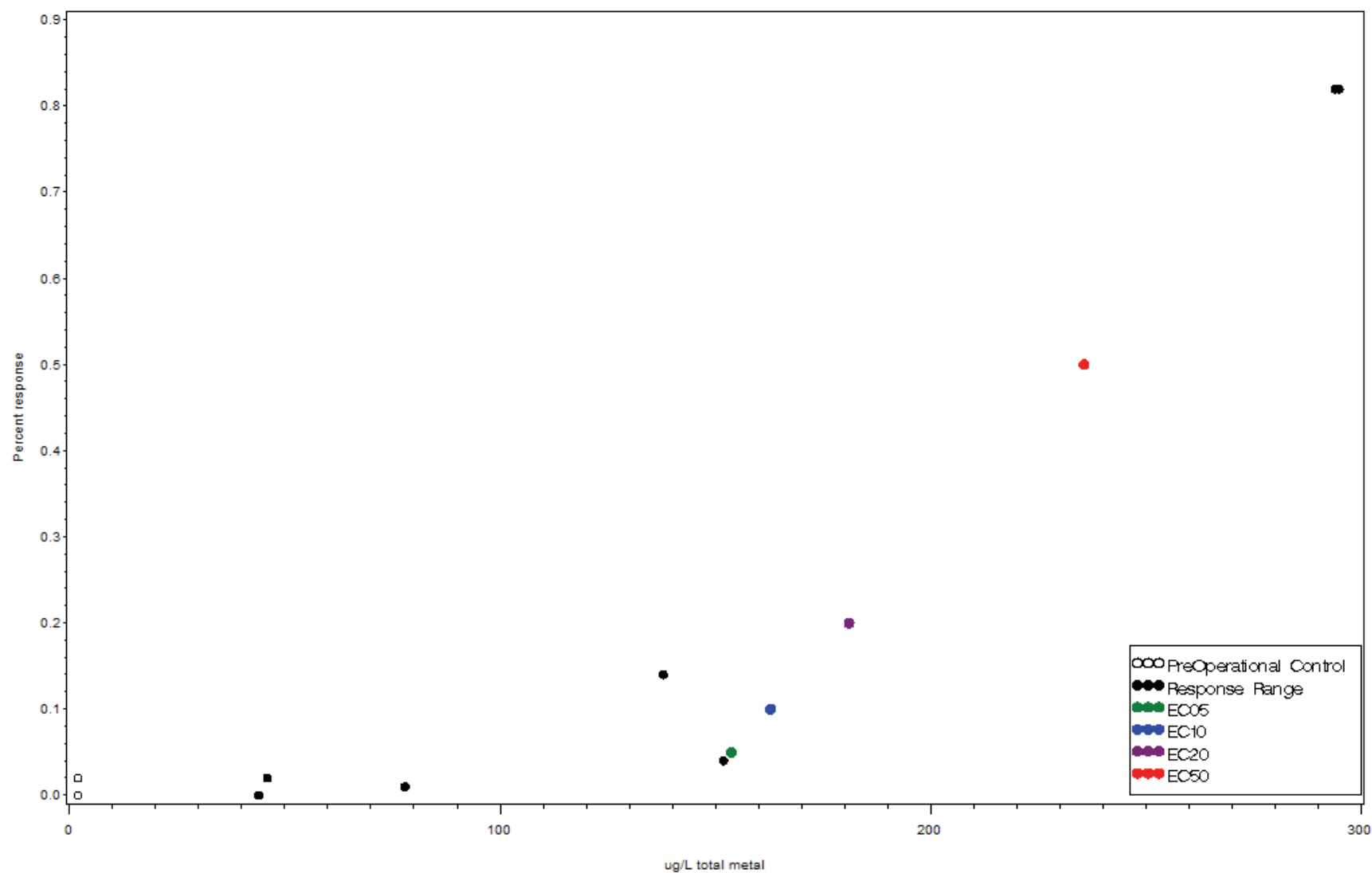
Growth in *Pimephales promelas* exposed to 0-16500 ug/L Arsenic III
 Test 70-2, Lima et al., 1984
 EC05= 1220.5 EC10= 1737.667 EC20= 2998 EC50= 6780



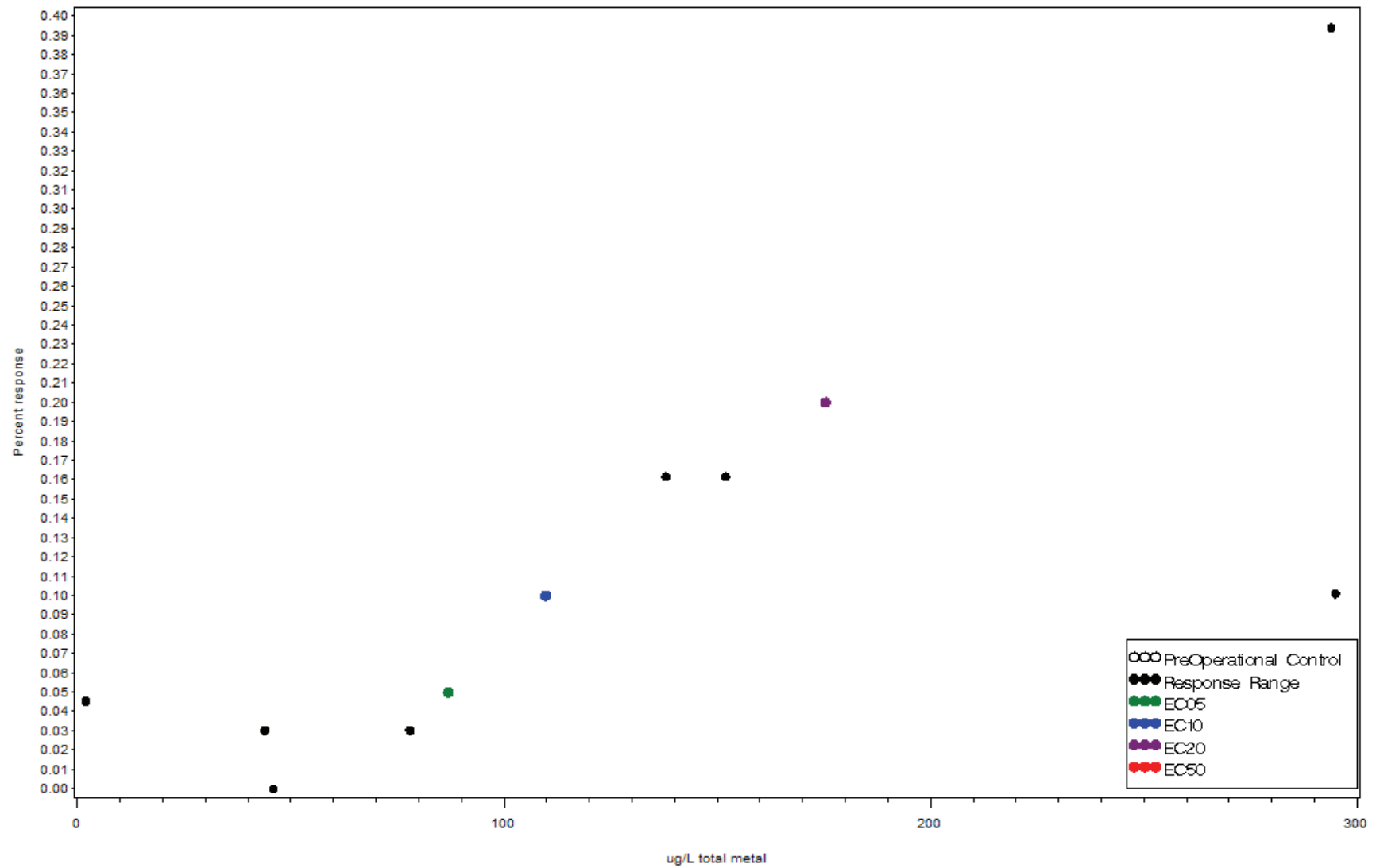
Survival in *Pimephales promelas* exposed to 0-16500 ug/L Arsenic III
 Test 70-1, Lima et al., 1984
 EC05= 8279.667 EC10= 8856 EC20= 10008.667 EC50= 13466.667



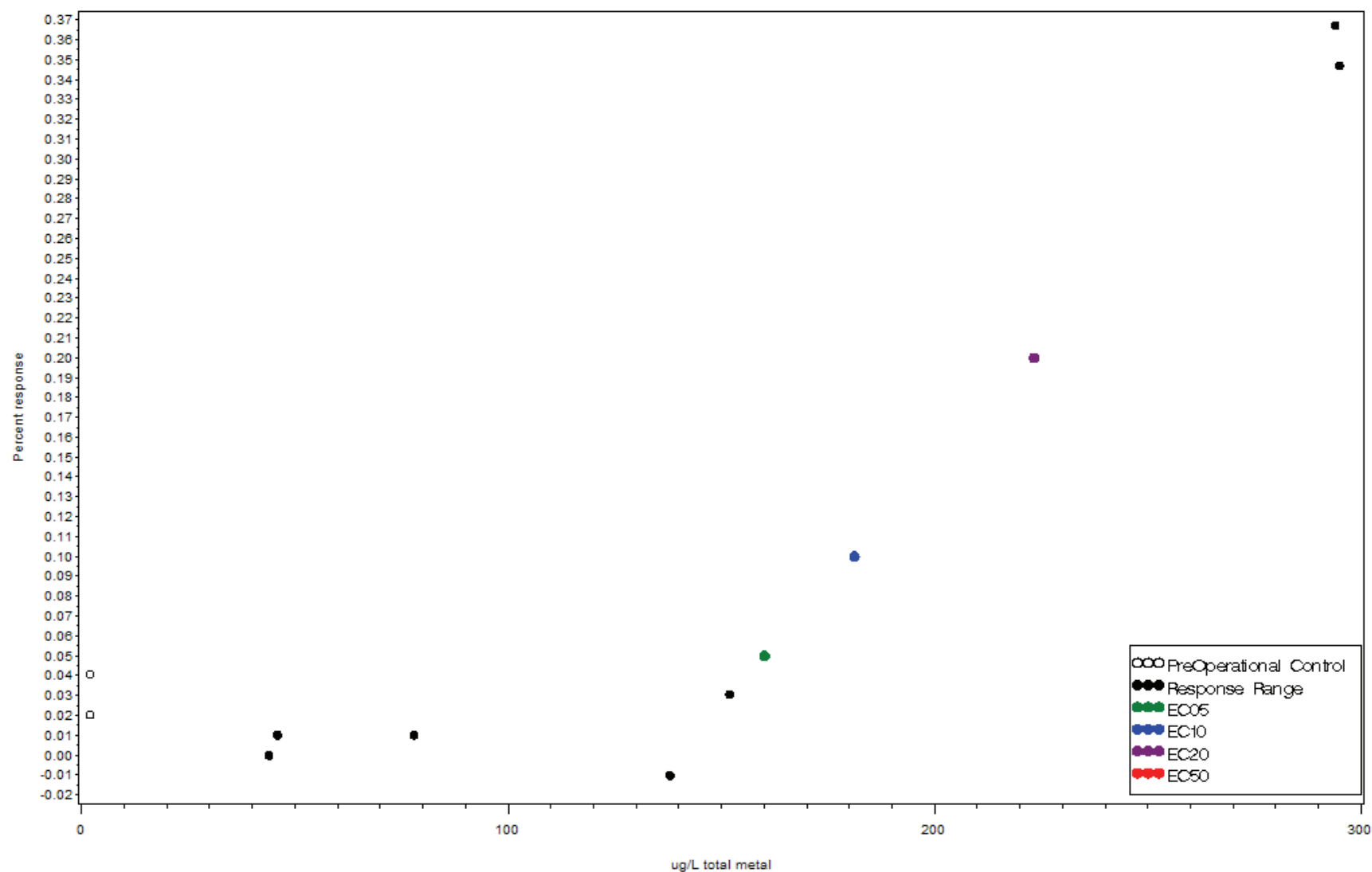
Survival over generations in *Pimephales promelas* exposed to 2-295 ug/L Zinc
 Test 68-5, Benoit et al. Holcombe, 1
 EC05= 153.821 EC10= 162.923 EC20= 181.128 EC50= 235.744



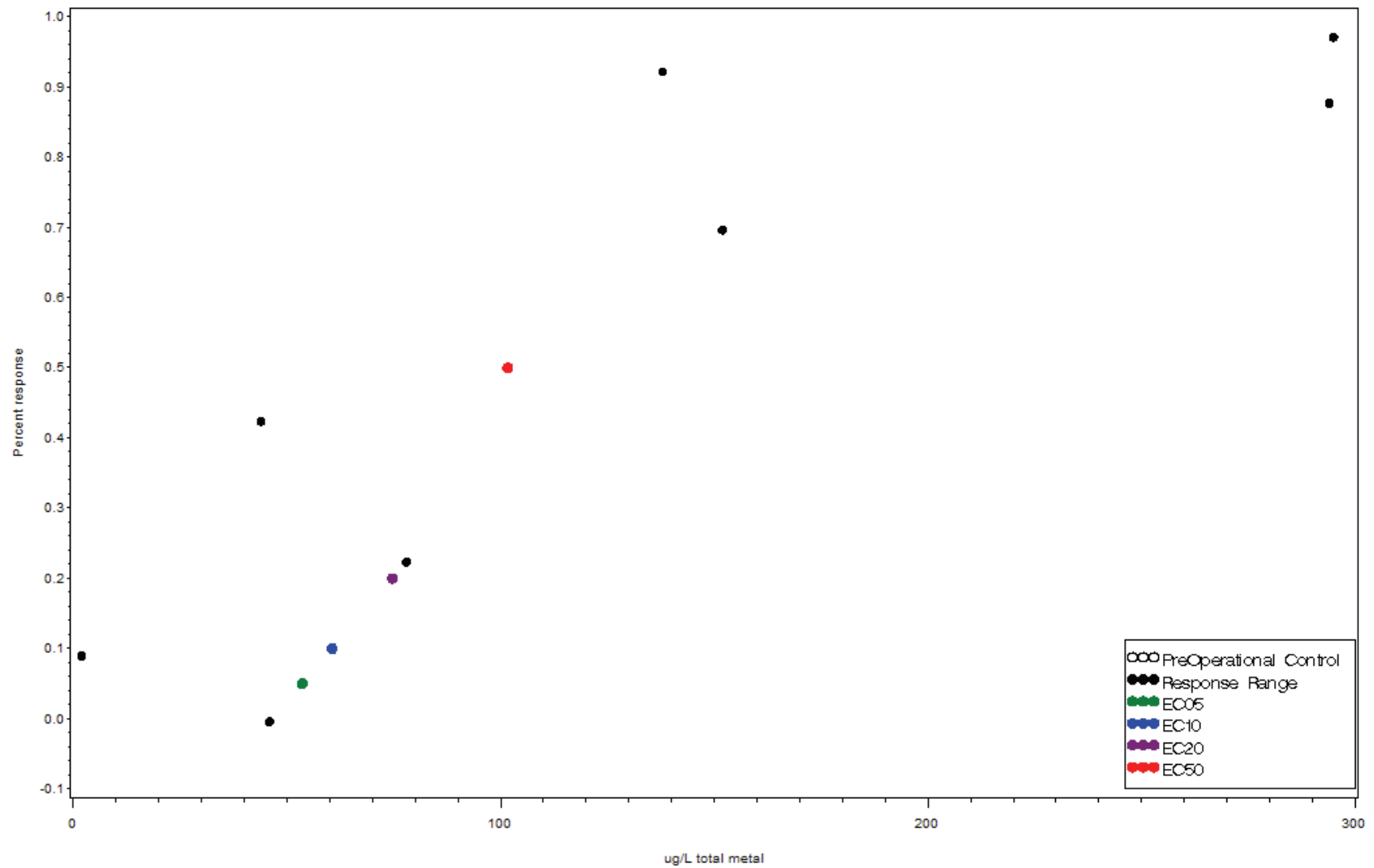
Development in *Pimephales promelas* exposed to 2-295 ug/L Zinc
 Test 68-4, Benoit et al. Holcombe, 1
 EC05= 87 EC10= 109.846 EC20= 175.461 EC50= .



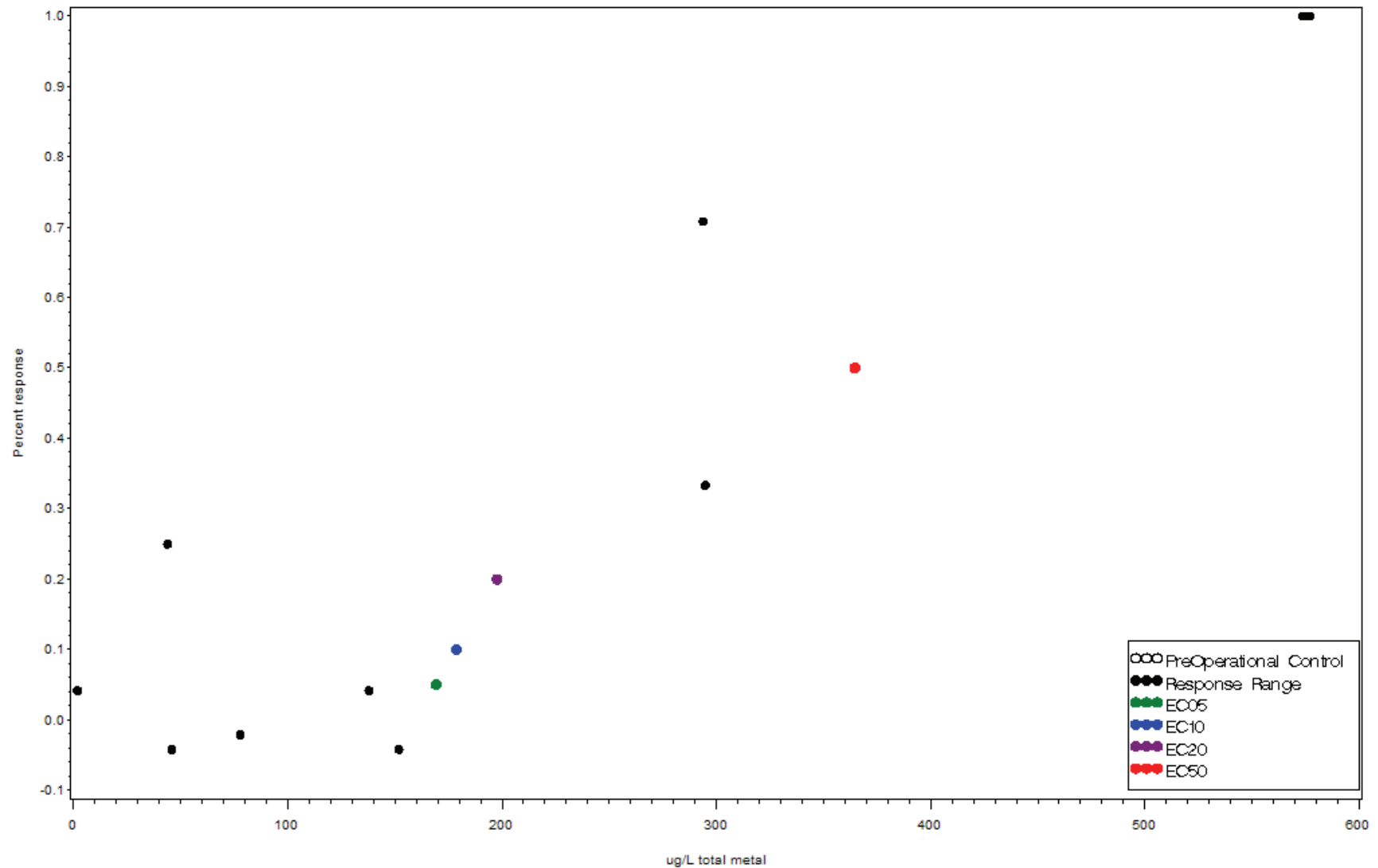
Survival in *Pimephales promelas* exposed to 2-295 ug/L Zinc
 Test 68-3, Benoit et al. Holcombe, 1
 EC05= 160.176 EC10= 181.261 EC20= 223.43 EC50= .



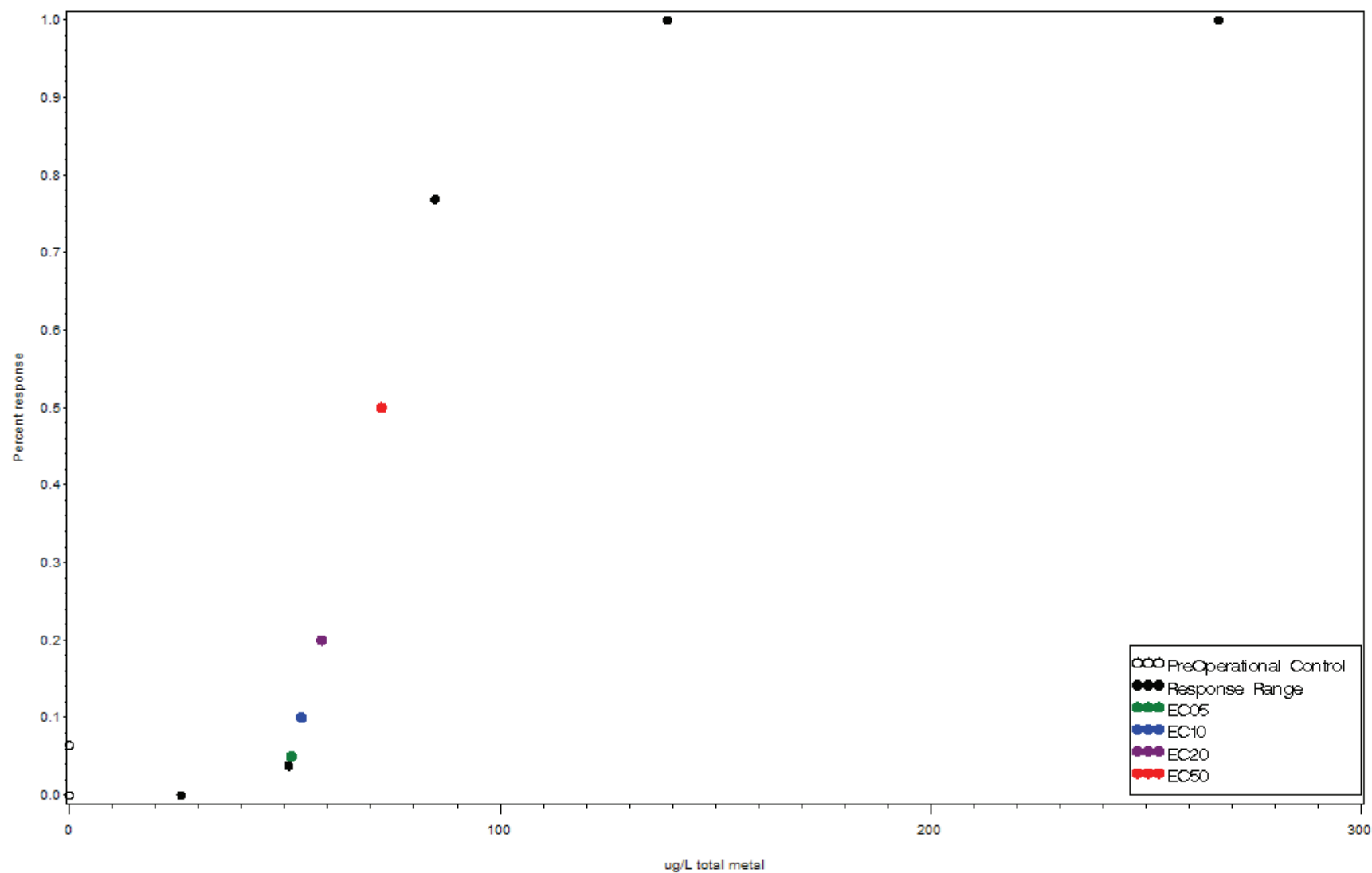
Reproduction in *Pimephales promelas* exposed to 2-295 ug/L Zinc
Test 68-2, Benoit et al. Holcombe, 1
EC05= 53.639 EC10= 60.67 EC20= 74.732 EC50= 101.767



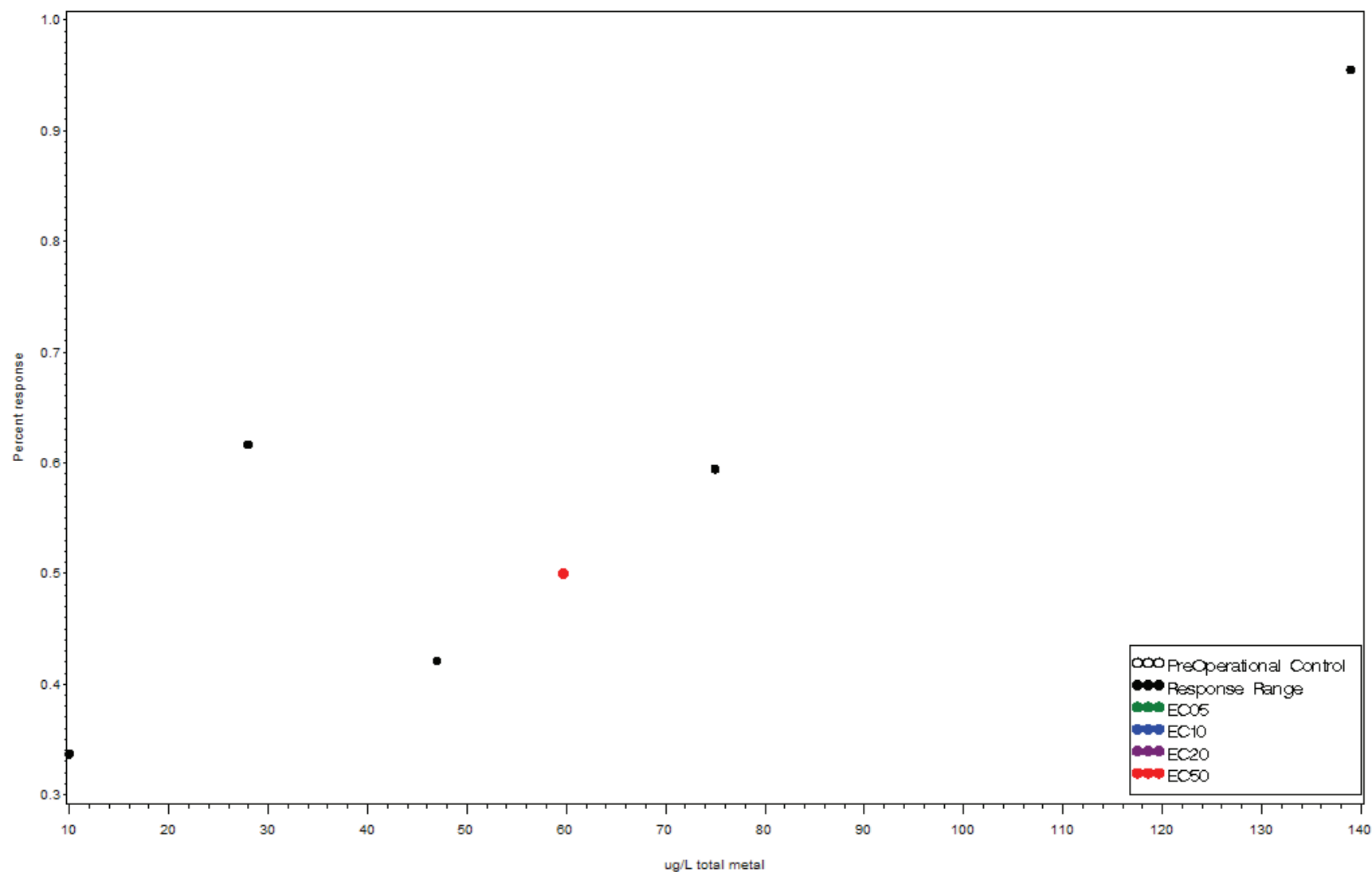
Survival in *Pimephales promelas* exposed to 2-577 ug/L Zinc
 Test 68-1, Benoit et al. Holcombe, 1
 EC05= 169.356 EC10= 178.822 EC20= 197.756 EC50= 364.75



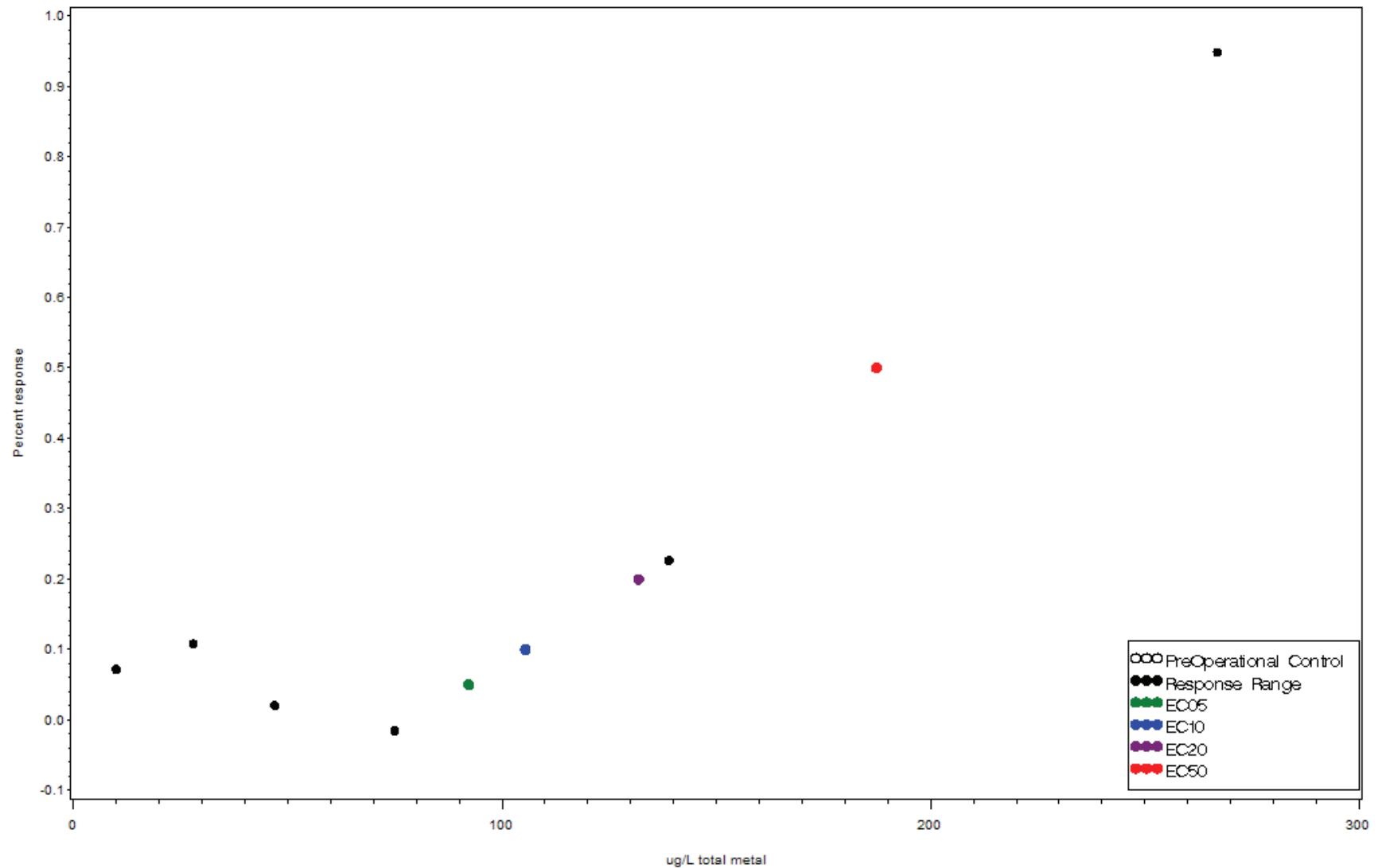
Survival in *Jordanella floridae* exposed to 0-267 ug/L Zinc
Test 67-6, Spehar, 1976
EC05= 51.575 EC10= 53.9 EC20= 58.55 EC50= 72.5



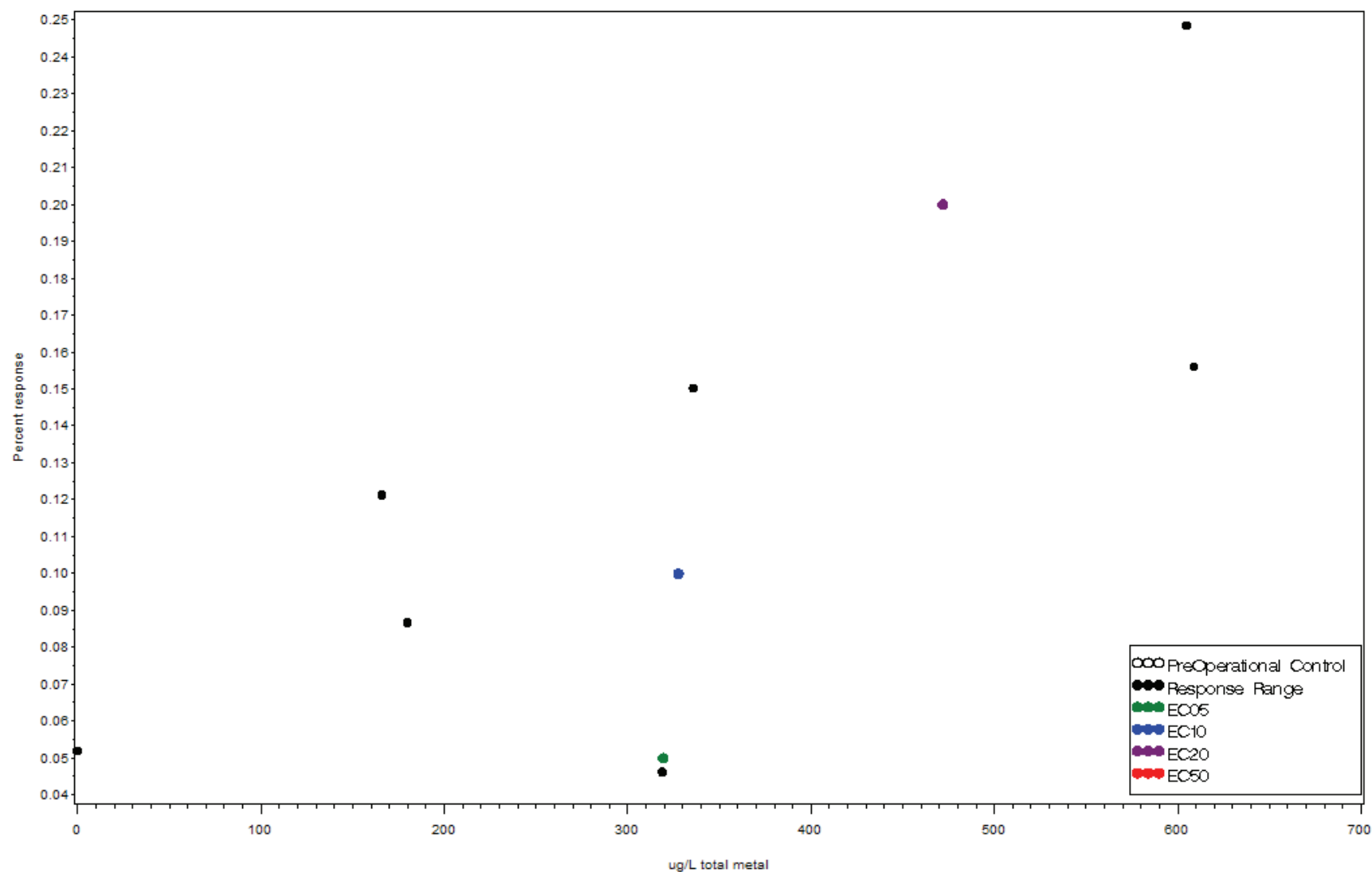
Reproduction in *Jordanella floridae* exposed to 10-139 ug/L Zinc
Test 67-4, Spehar, 1976
EC05= . EC10= . EC20= . EC50= 59.727



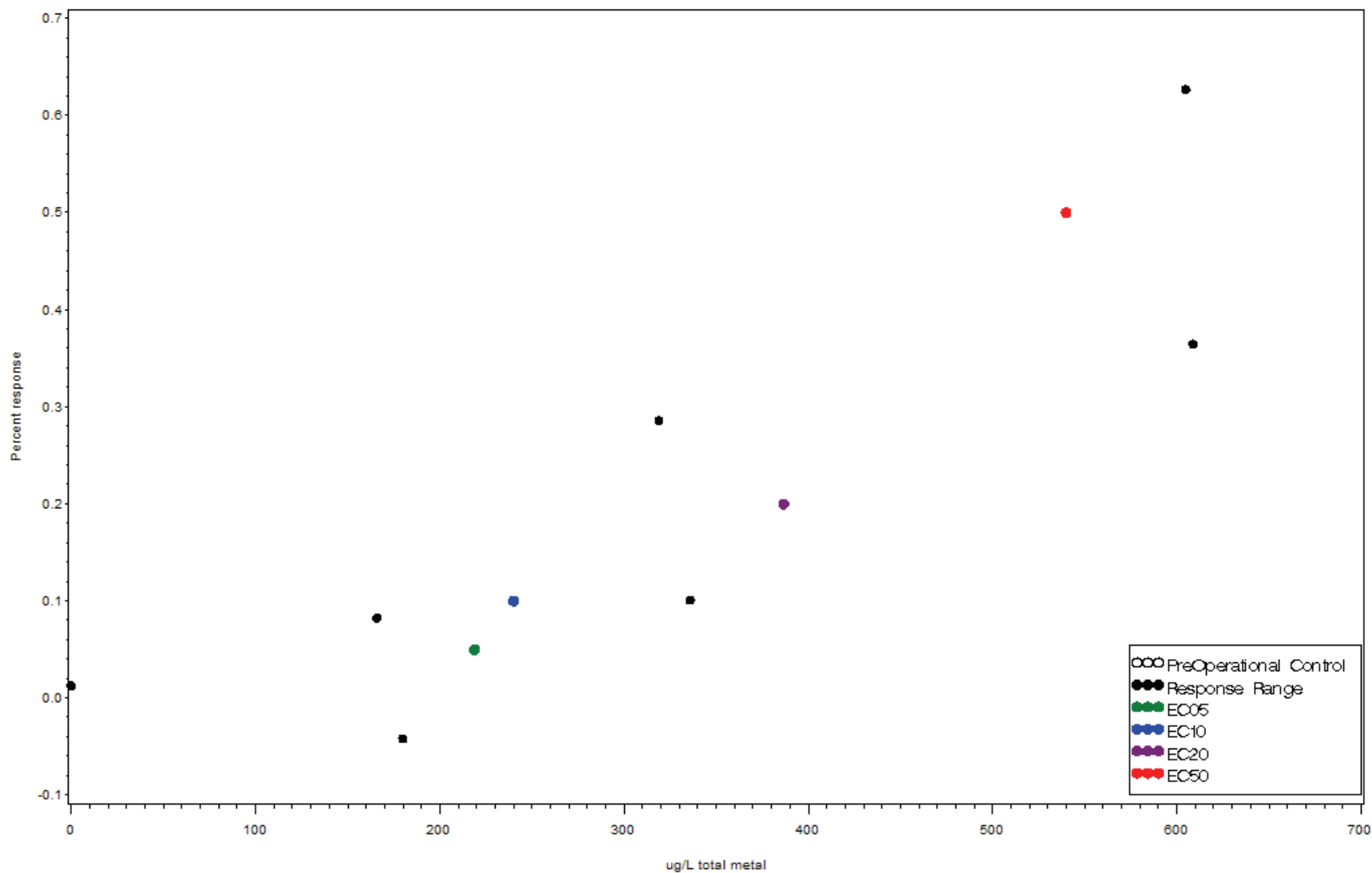
Survival in *Jordanella floridae* exposed to 10-267 ug/L Zinc
Test 67-1, Spehar, 1976
EC05= 92.294 EC10= 105.502 EC20= 131.919 EC50= 187.457



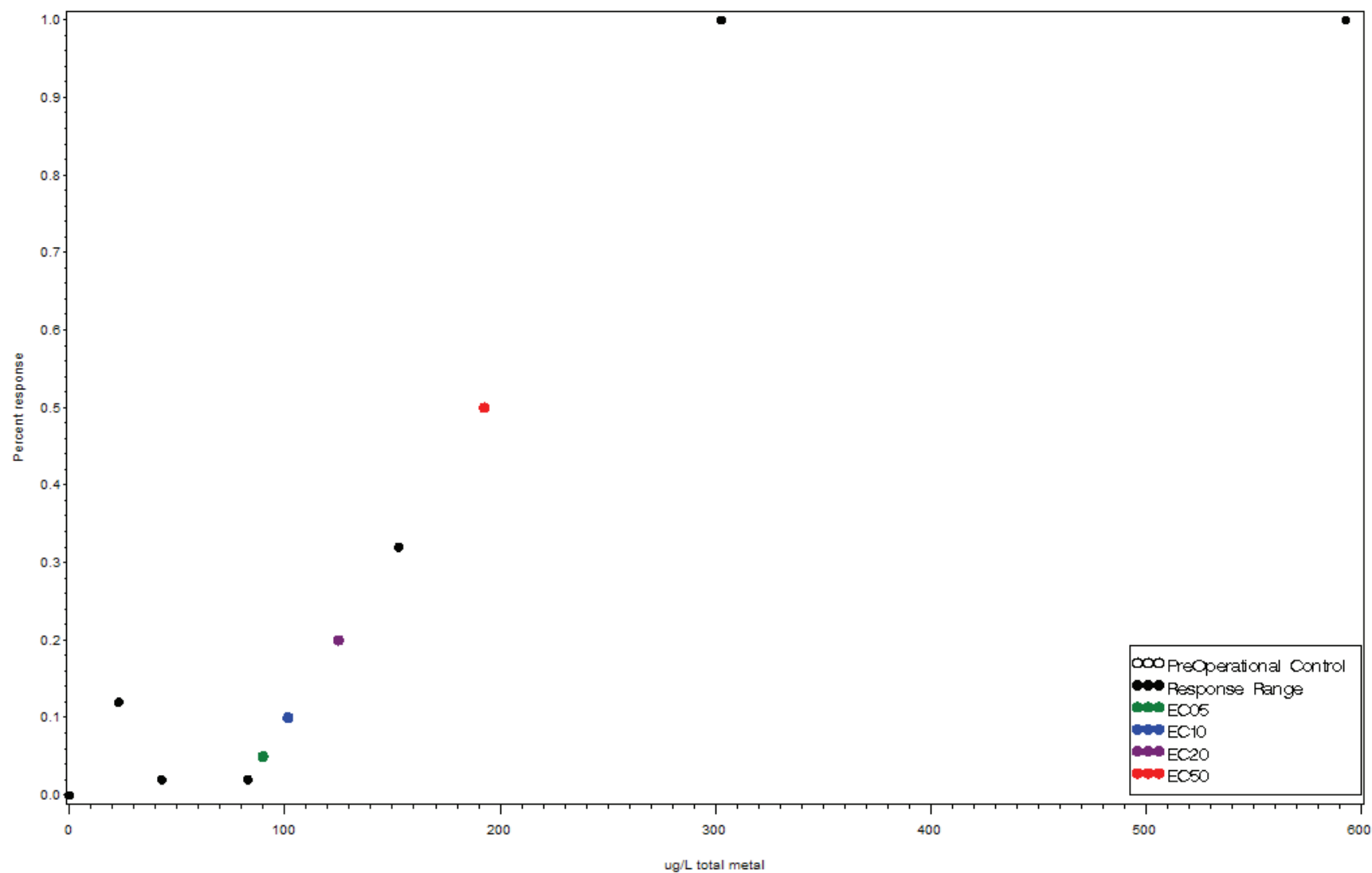
Growth in *Poecillia reticulata* exposed to 0-609 ug/L Zinc
 Test 66-3, Pierson 1981
 EC05= 319.614 EC10= 327.783 EC20= 472.082 EC50= .



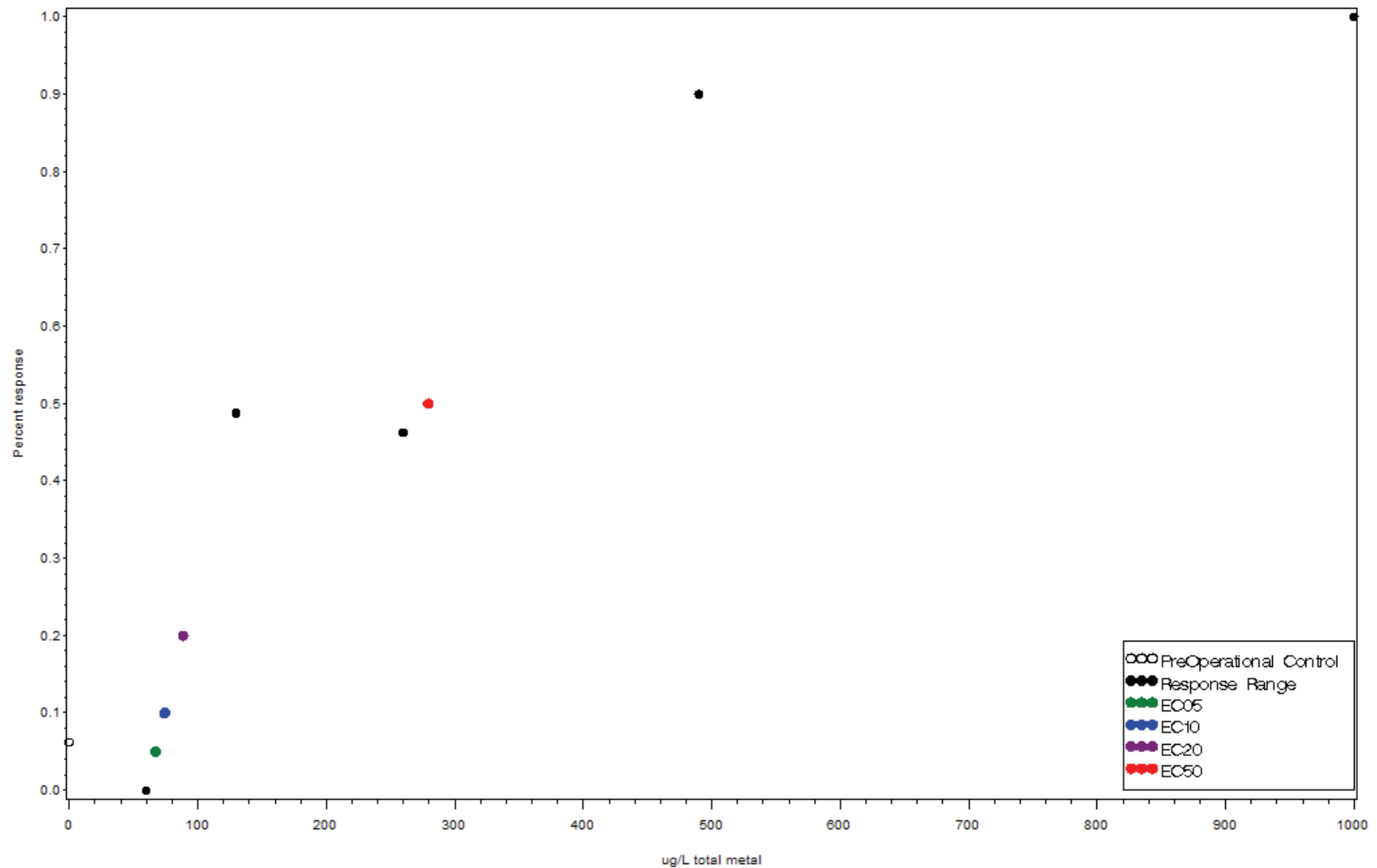
Growth in *Poecillia reticulata* exposed to 0-609 ug/L Zinc
Test 66-2, Pierson 1981
EC05= 219.027 EC10= 240.233 EC20= 386.706 EC50= 540.113



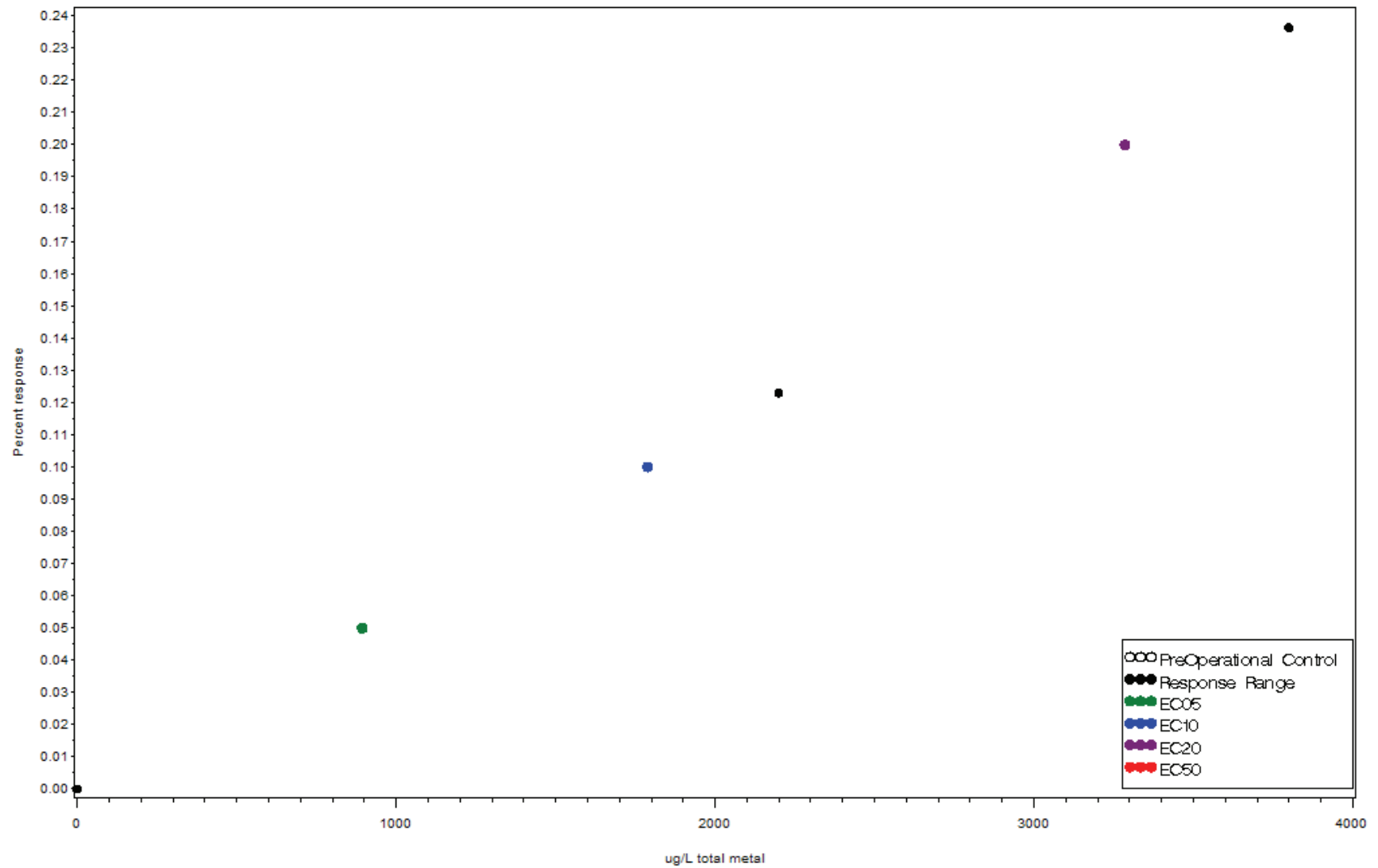
Survival in *Pimephales promelas* exposed to 0-593 ug/L Selenium IV
Test 65-2, Kimball manuscript
EC05= 90 EC10= 101.667 EC20= 125 EC50= 192.706



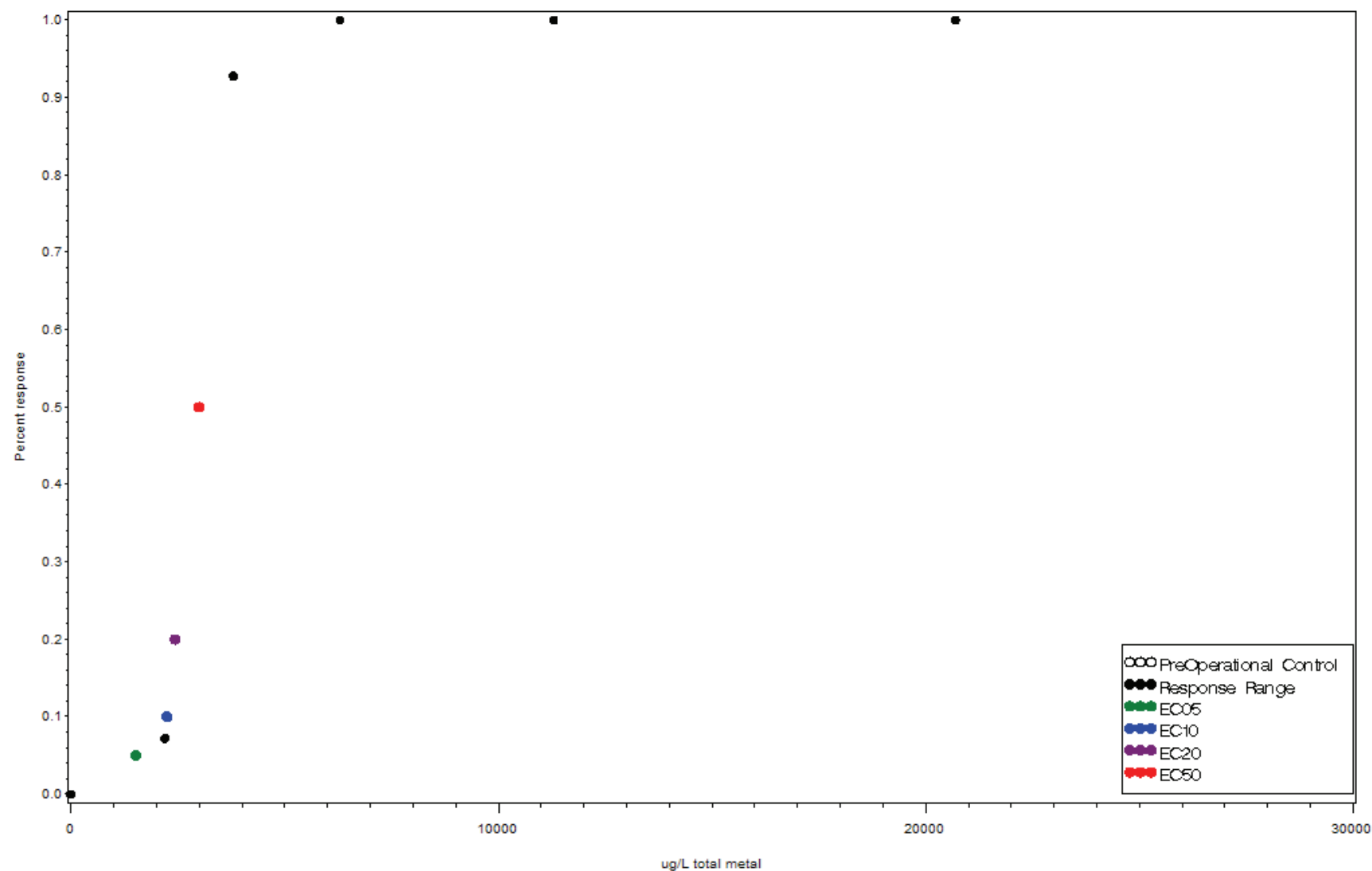
Survival in *Oncorhynchus mykiss* exposed to 0-1000 ug/L Selenium IV
 Test 64-1, Goettl and Davies, 1977
 EC05= 67.179 EC10= 74.359 EC20= 88.718 EC50= 279.714



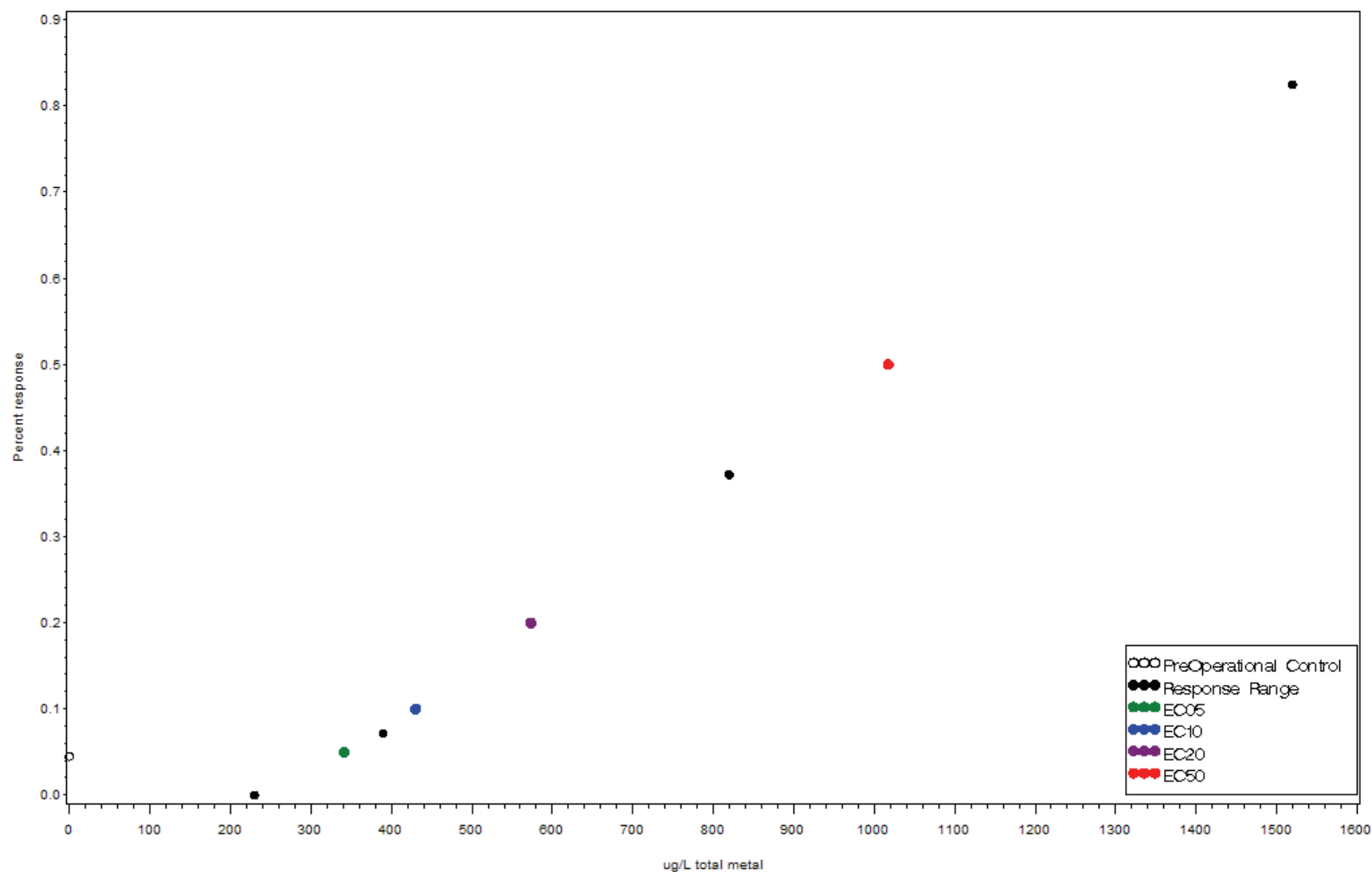
Growth in *Oncorhynchus mykiss* exposed to 0-3800 ug/L Selenium VI
 Test 63-6, Spehar, 1986
 EC05= 894.286 EC10= 1788.571 EC20= 3286.197 EC50= .



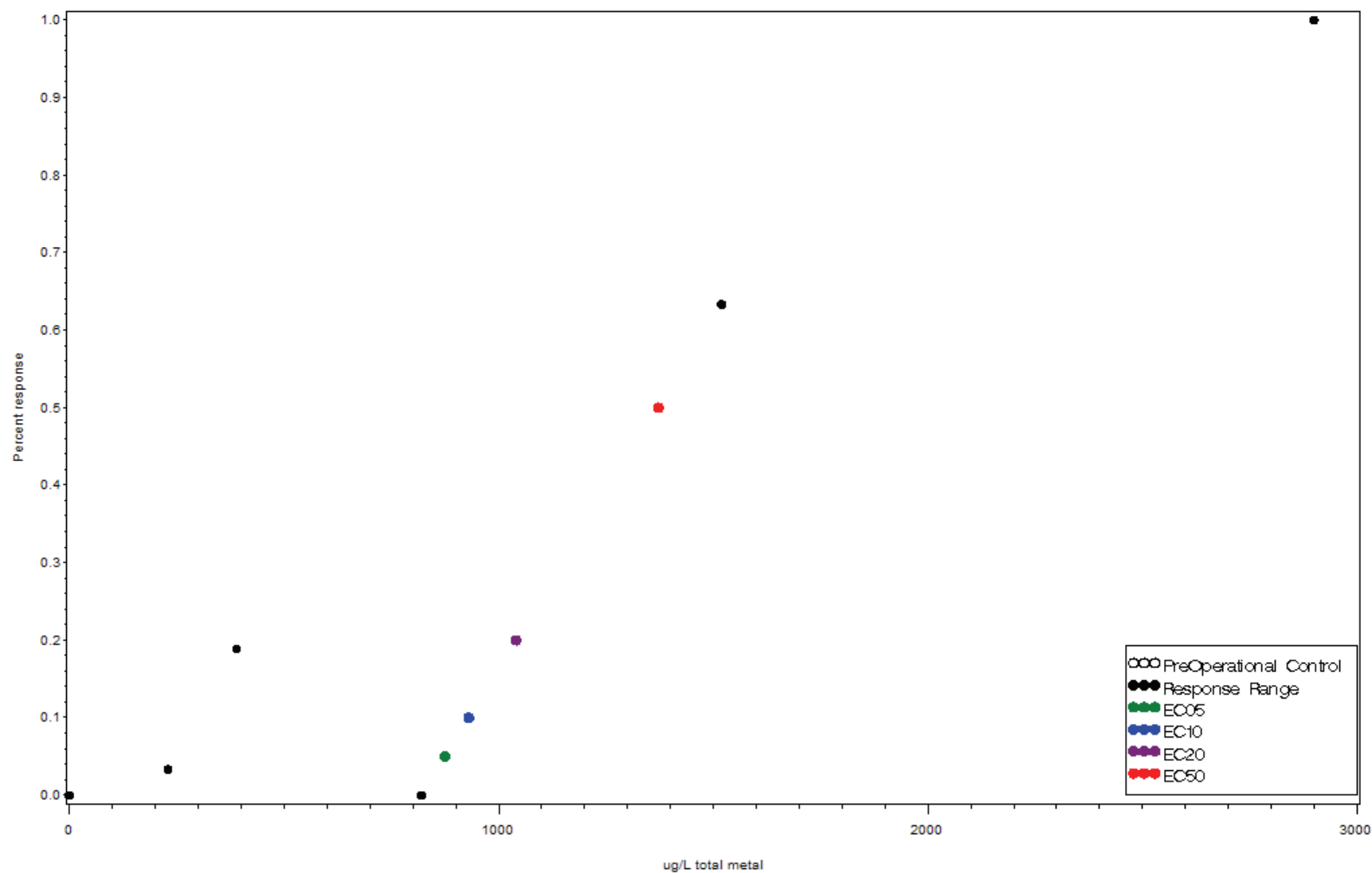
Survival in *Oncorhynchus mykiss* exposed to 0-20700 ug/L Selenium VI
 Test 63-5, Spehar, 1986
 EC05= 1524.286 EC10= 2252.048 EC20= 2439.036 EC50= 3000



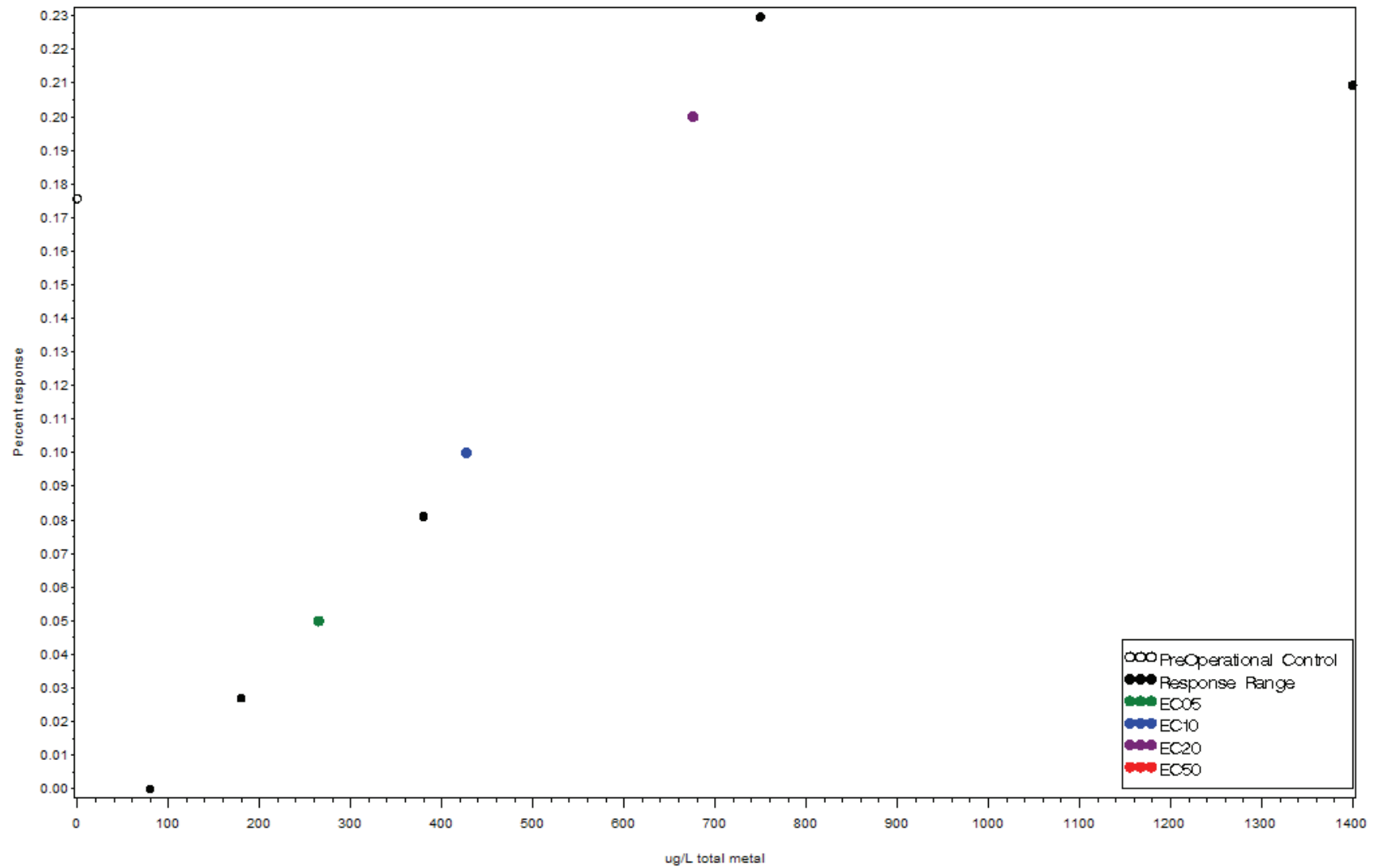
Growth in *Pimephales promelas* exposed to 0-1520 ug/L Selenium VI
Test 63-3, Spehar, 1986
EC05= 341.5 EC10= 430.433 EC20= 573.552 EC50= 1017.525



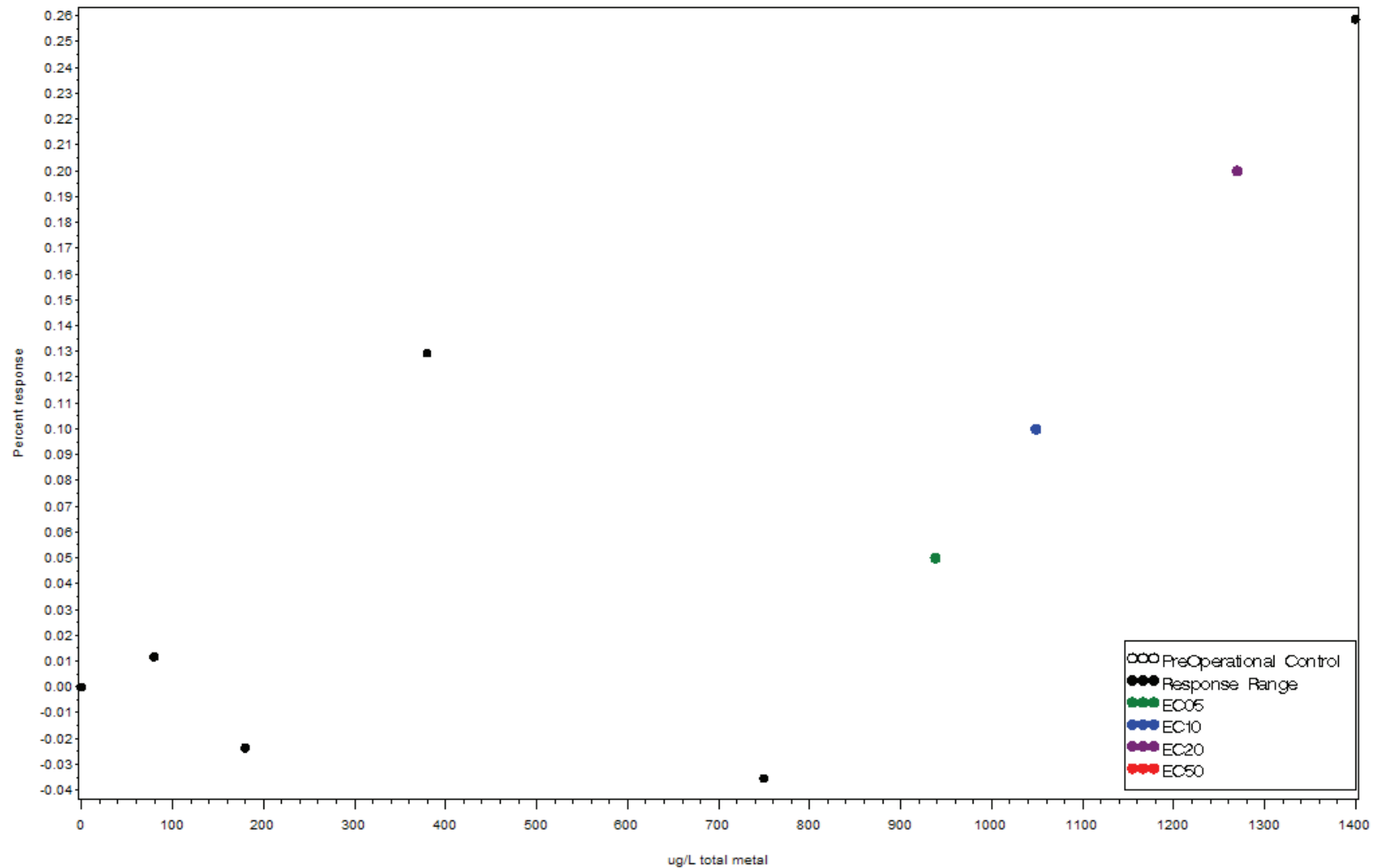
Survival in *Pimephales promelas* exposed to 0-2900 ug/L Selenium VI
Test 63-2, Spehar, 1986
EC05= 875.263 EC10= 930.526 EC20= 1041.053 EC50= 1372.632



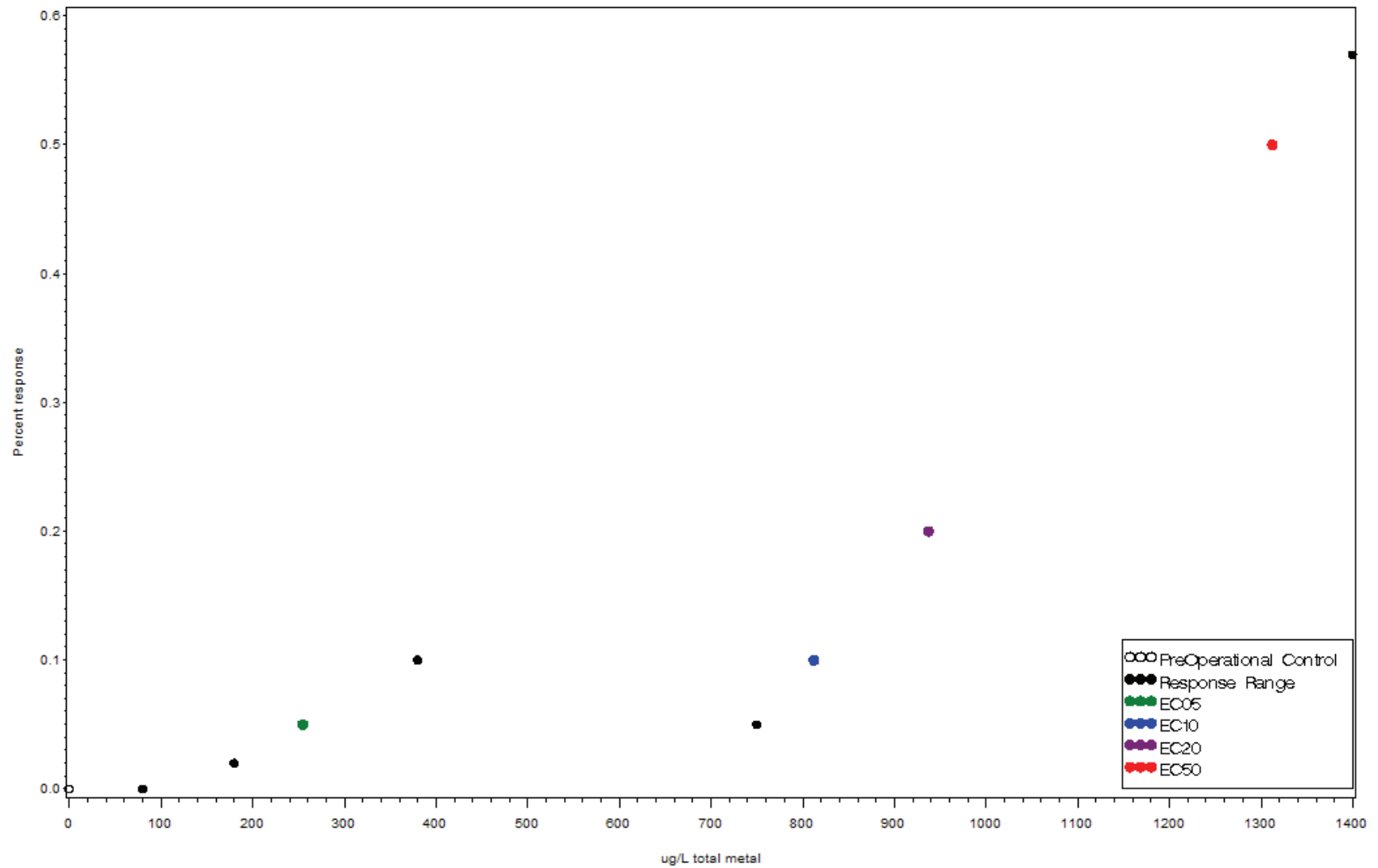
Growth over generations in *Pimephales promelas* exposed to 0-1400 ug/L Chromium III
 Test 62-6, Pickering manuscript, 198
 EC05= 265 EC10= 427.091 EC20= 676 EC50= .



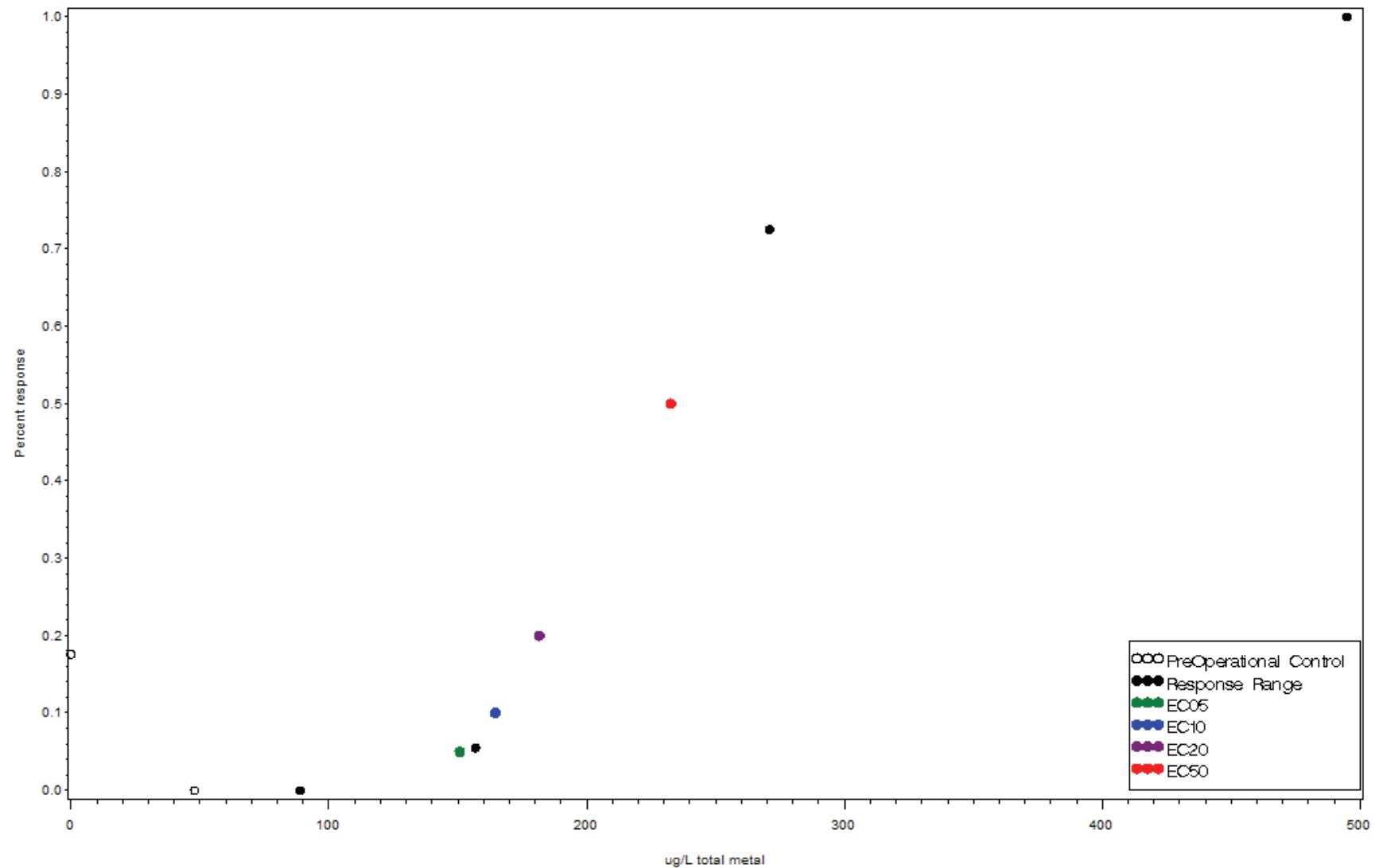
Survival over generations in *Pimephales promelas* exposed to 0-1400 ug/L Chromium III
 Test 62-5, Pickering manuscript, 198
 EC05= 938.5 EC10= 1049 EC20= 1270 EC50= .



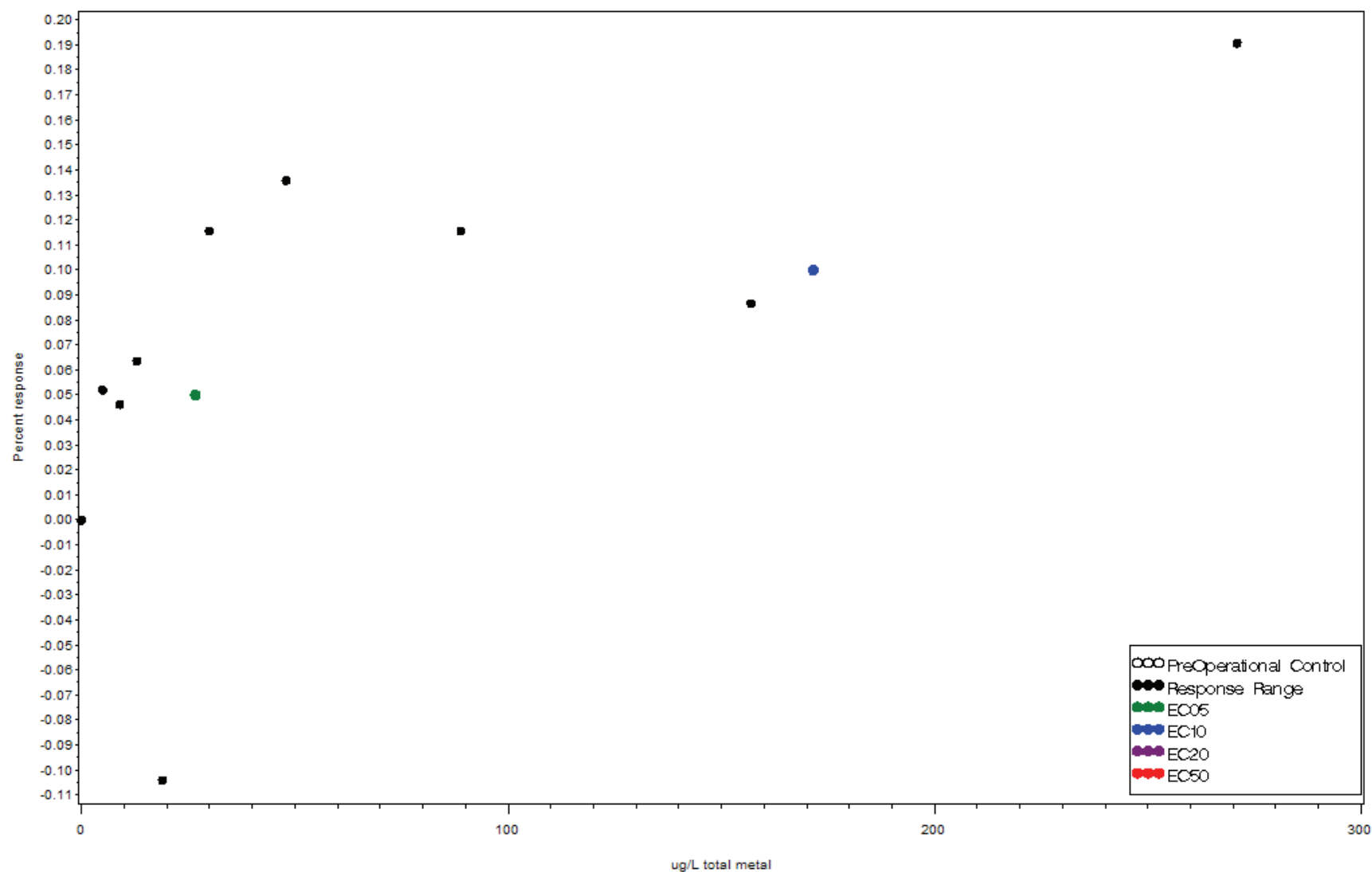
Survival over generations in *Pimephales promelas* exposed to 0-1400 ug/L Chromium III
Test 62-1, Pickering manuscript, 198
EC05= 255 EC10= 812.5 EC20= 937.5 EC50= 1312.5



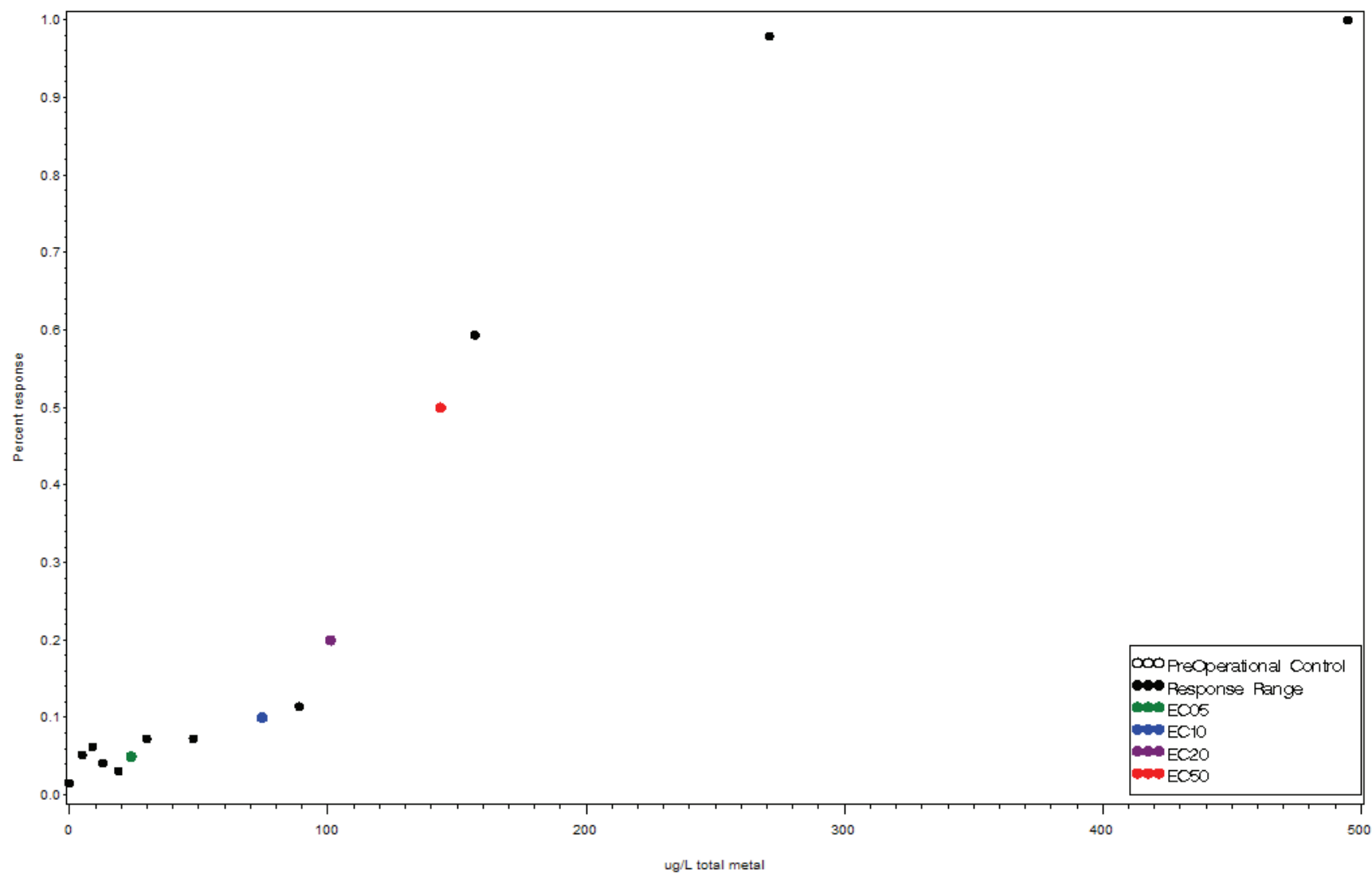
Survival in *Oncorhynchus mykiss* exposed to 0-495 ug/L Chromium III
 Test 61-3, Stevens and Chapman, 1984
 EC05= 150.88 EC10= 164.662 EC20= 181.669 EC50= 232.689



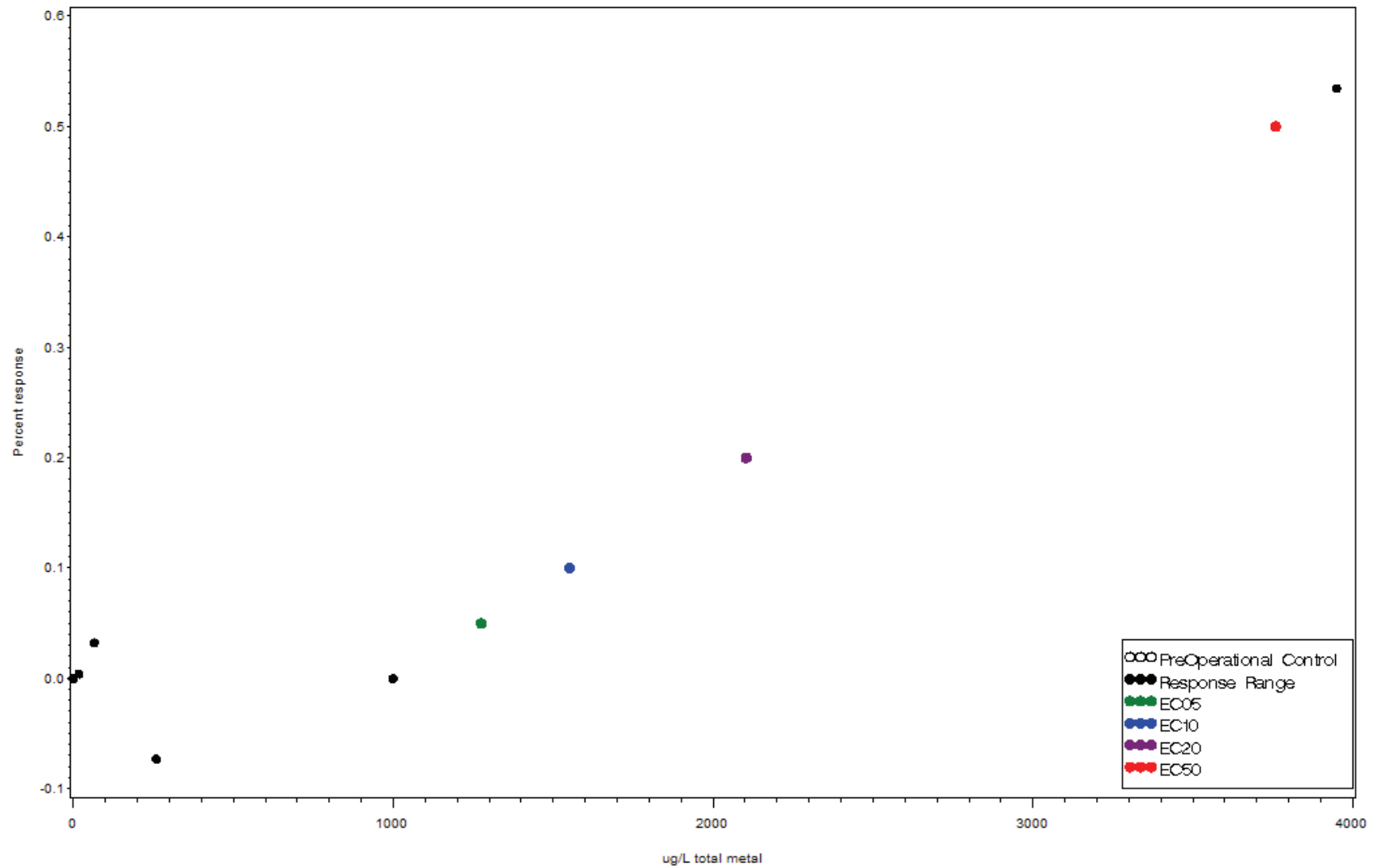
Growth in *Oncorhynchus mykiss* exposed to 0-271 ug/L Chromium III
 Test 61-2, Stevens and Chapman, 1984
 EC05= 26.714 EC10= 171.567 EC20= . EC50= .



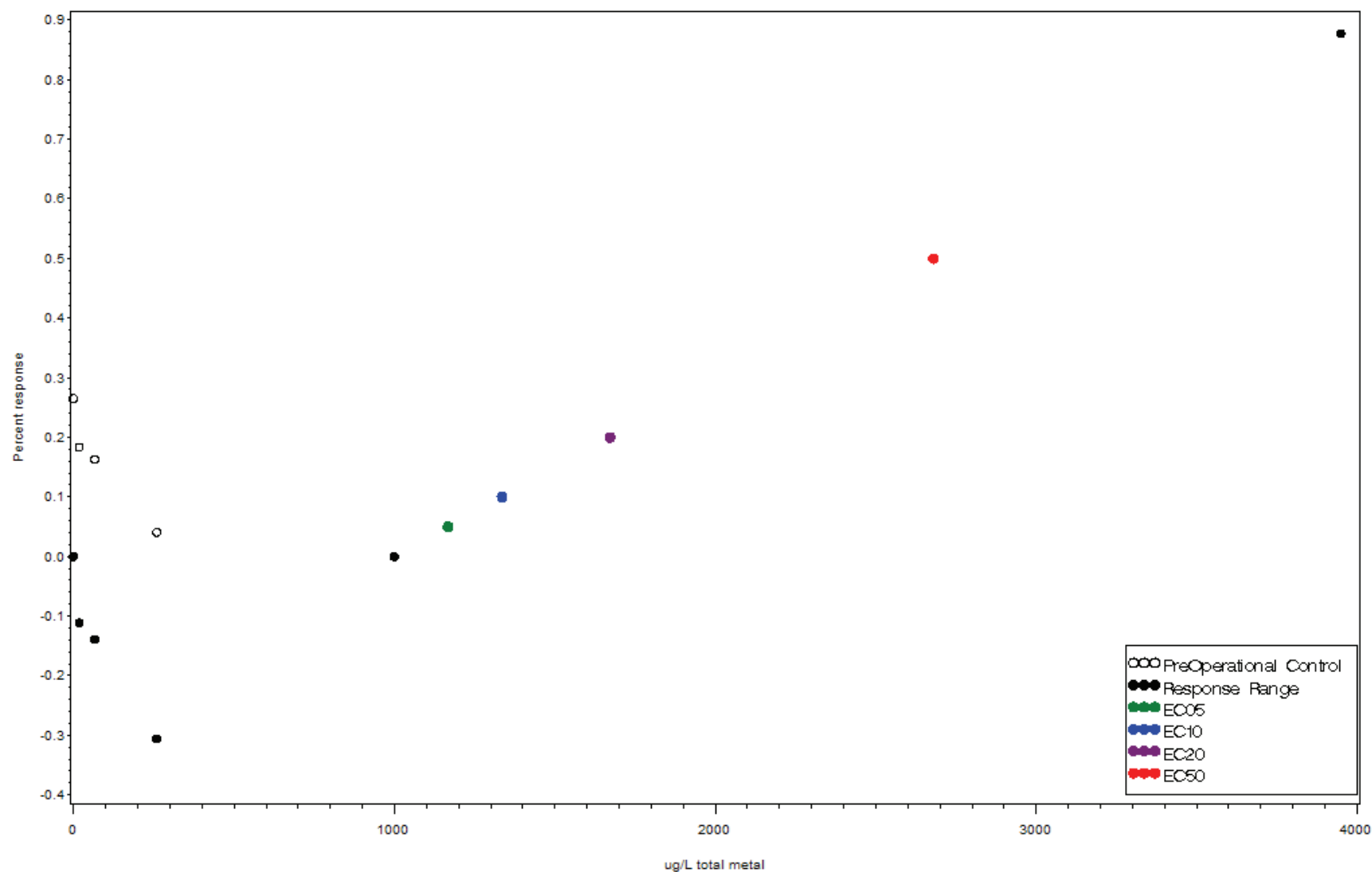
Survival in *Oncorhynchus mykiss* exposed to 0-495 ug/L Chromium III
 Test 61-1, Stevens and Chapman, 1984
 EC05= 23.95 EC10= 74.65 EC20= 101.122 EC50= 143.696



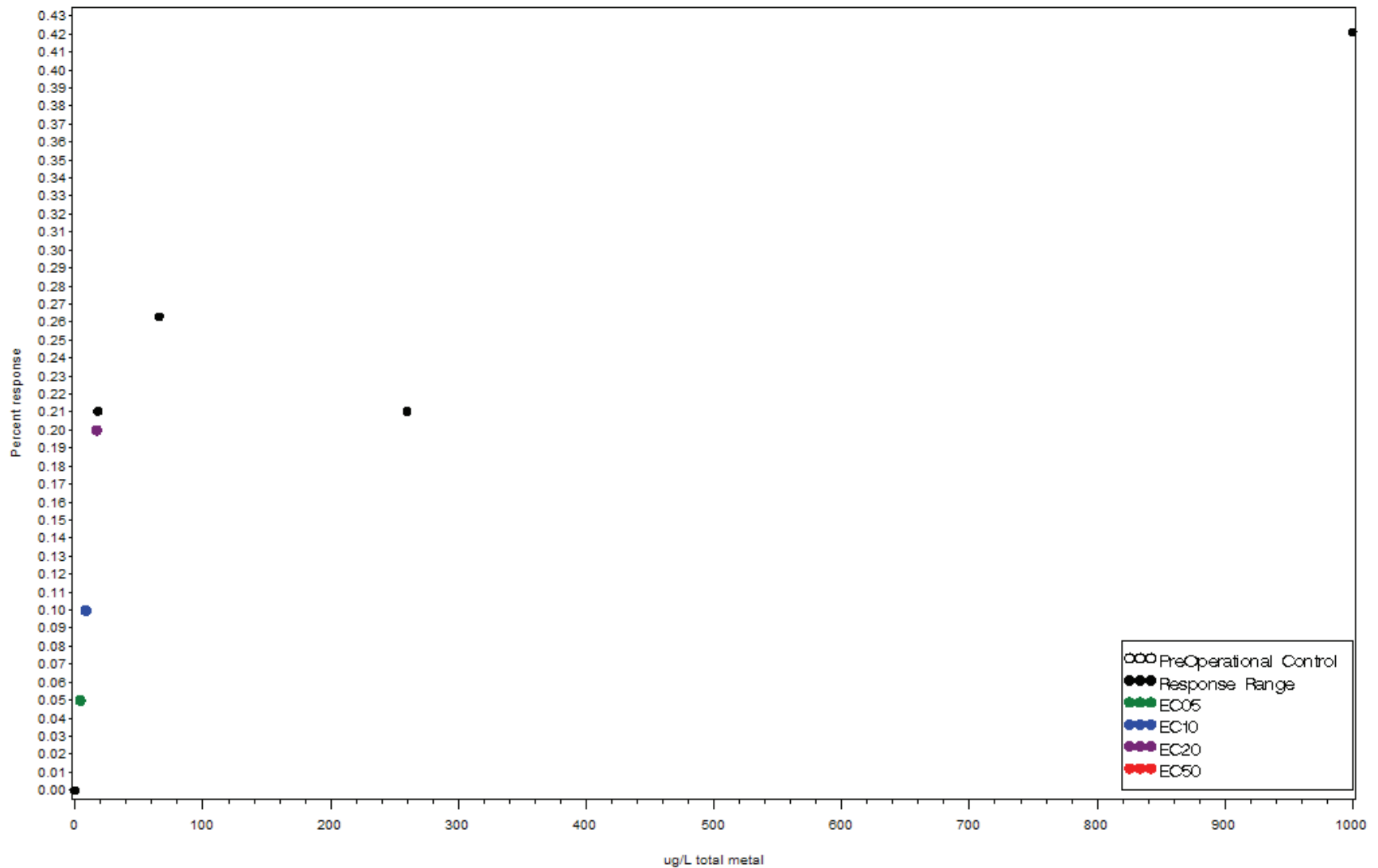
Growth over generations in *Pimephales promelas* exposed to 0-3950 ug/L Chromium VI
Test 60-4, Pickering, 1980
EC05= 1276.004 EC10= 1552.008 EC20= 2104.015 EC50= 3760.038



Survival over generations in *Pimephales promelas* exposed to 0-3950 ug/L Chromium VI
 Test 60-3, Pickering, 1980
 EC05= 1168.081 EC10= 1336.163 EC20= 1672.326 EC50= 2680.814



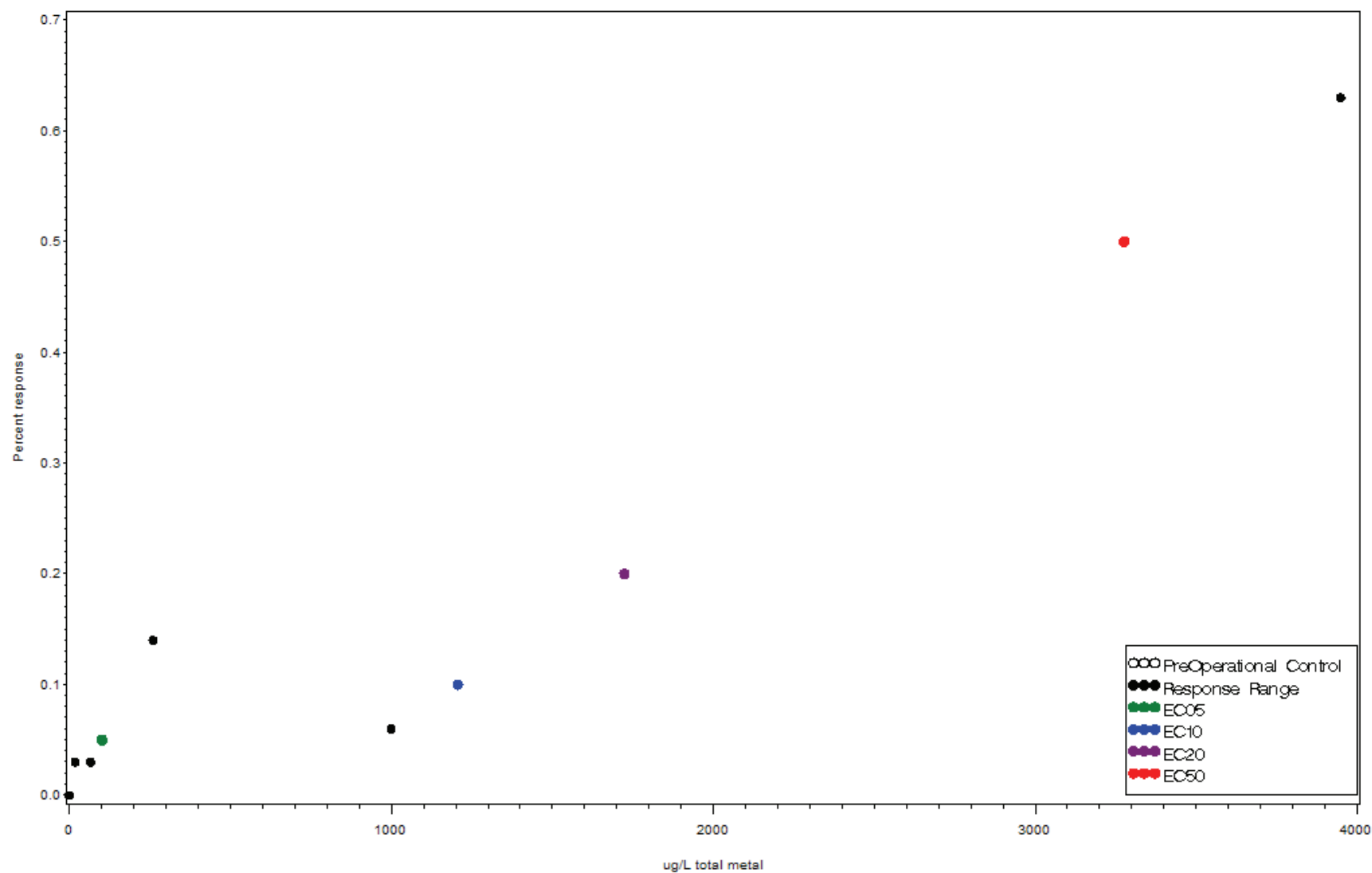
Growth over generations in *Pimephales promelas* exposed to 0-1000 ug/L Chromium VI
 Test 60-2, Pickering, 1980
 EC05= 4.275 EC10= 8.55 EC20= 17.1 EC50= .



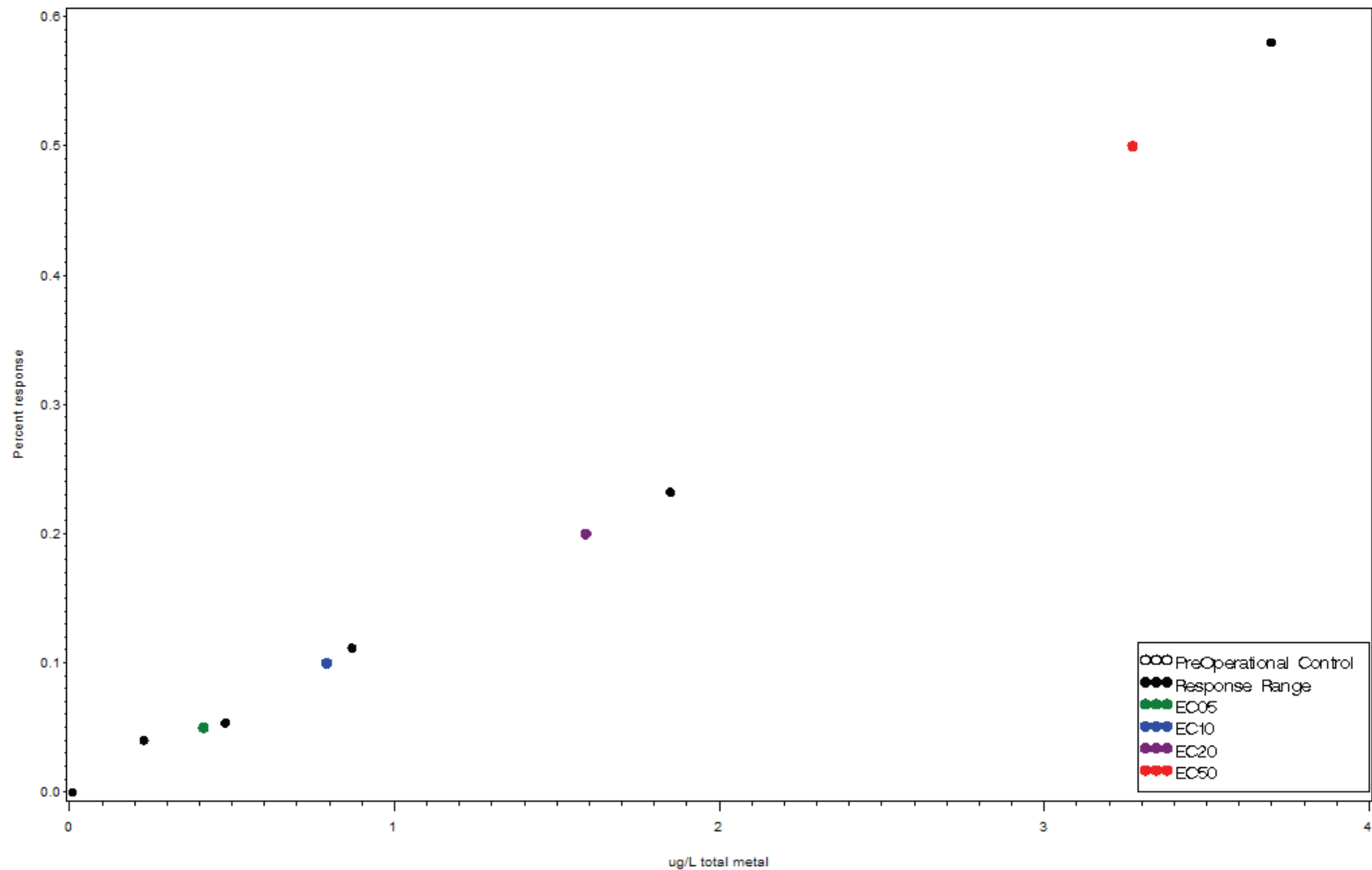
Survival over generations in *Pimephales promelas* exposed to 0-3950 ug/L Chromium VI

Test 60-1, Pickering, 1980

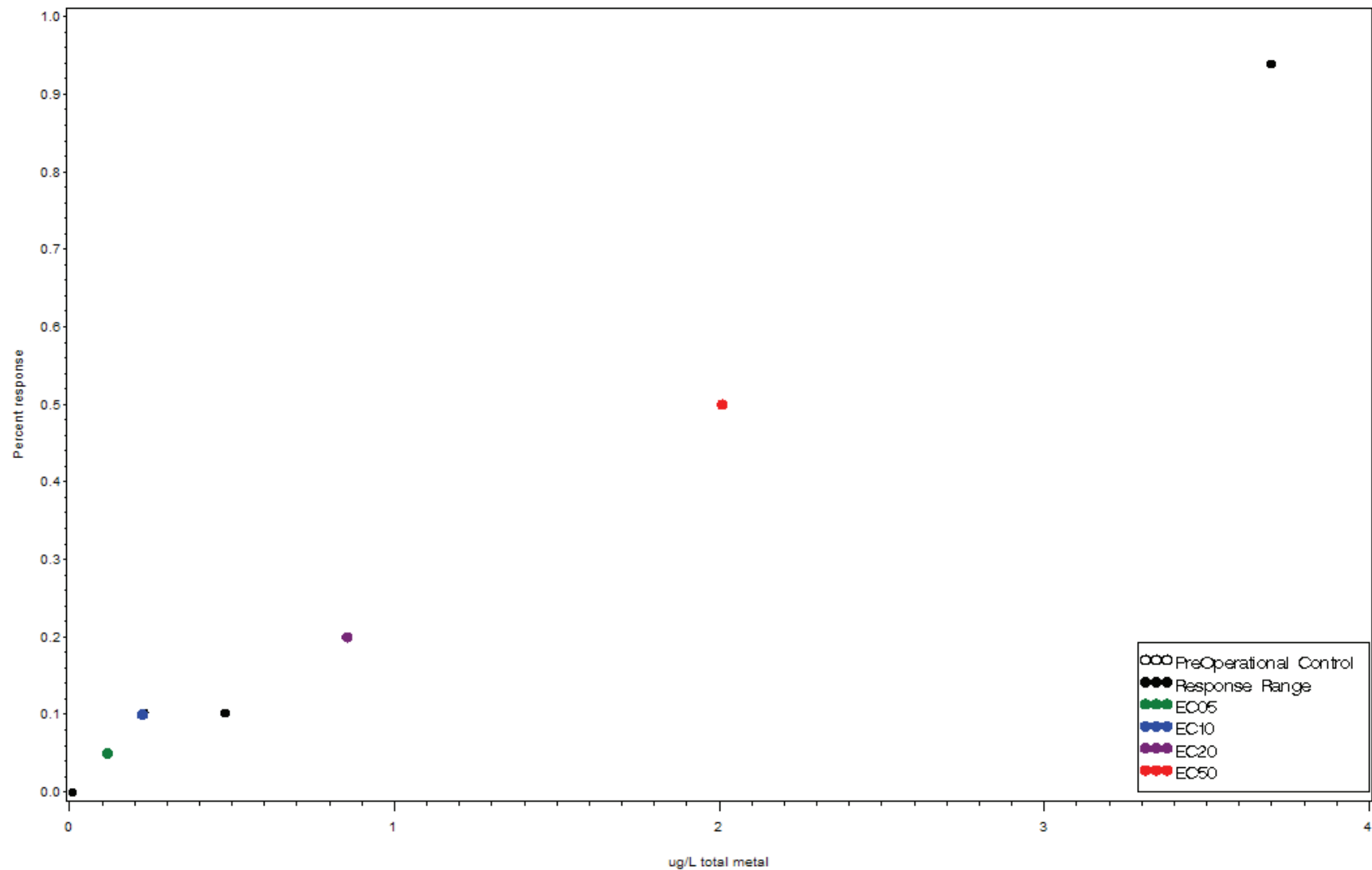
EC05= 101.273 EC10= 1207.018 EC20= 1724.561 EC50= 3277.193



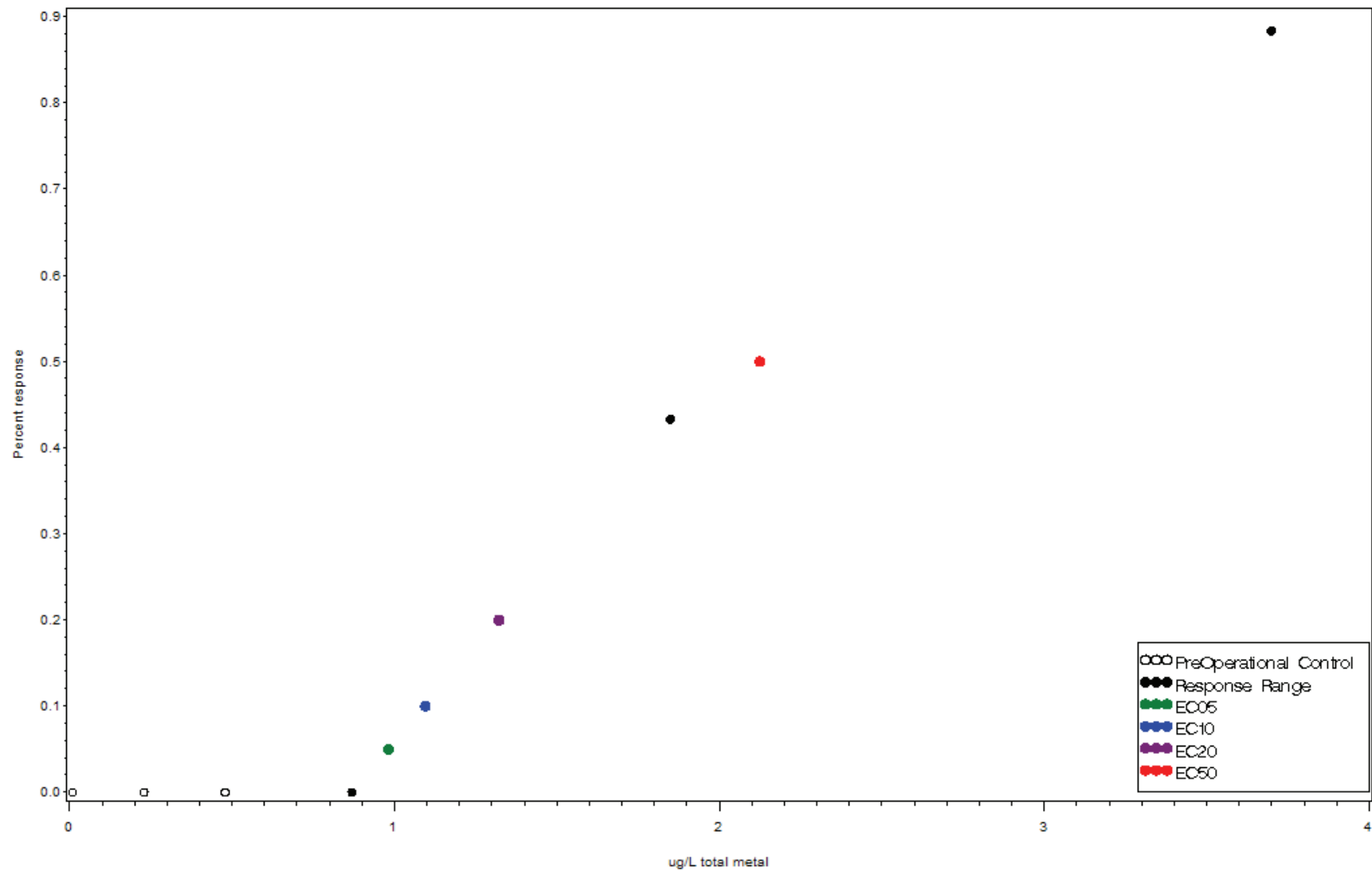
Growth in *Pimephales promelas* exposed to 0.01-3.7 ug/L Mercury
Test 59-4, Call et al., 1983
EC05= 0.413 EC10= 0.792 EC20= 1.589 EC50= 3.273



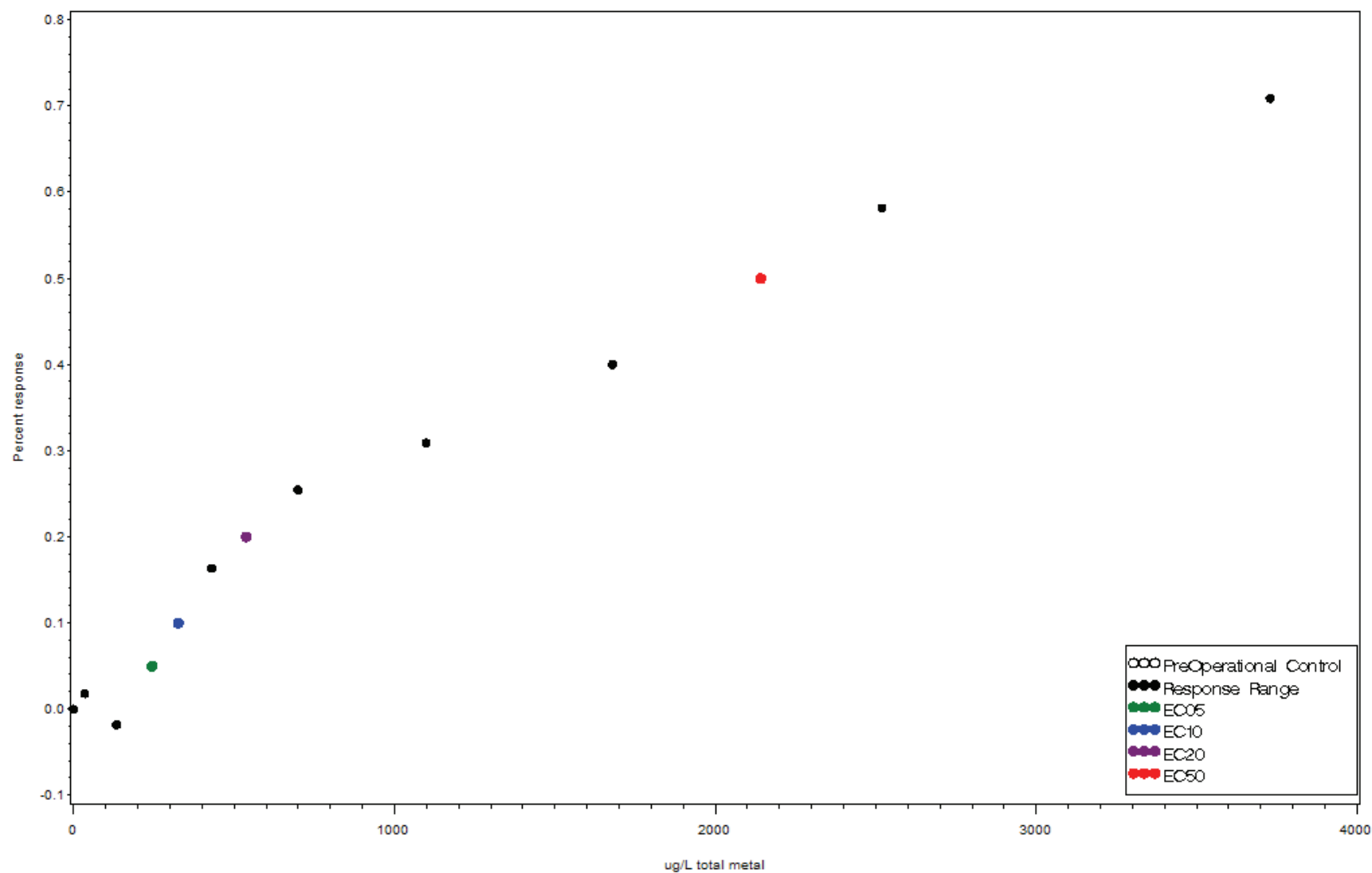
Growth in *Pimephales promelas* exposed to 0.01-3.7 ug/L Mercury
Test 59-3, Call et al., 1983
EC05= 0.118 EC10= 0.225 EC20= 0.856 EC50= 2.01



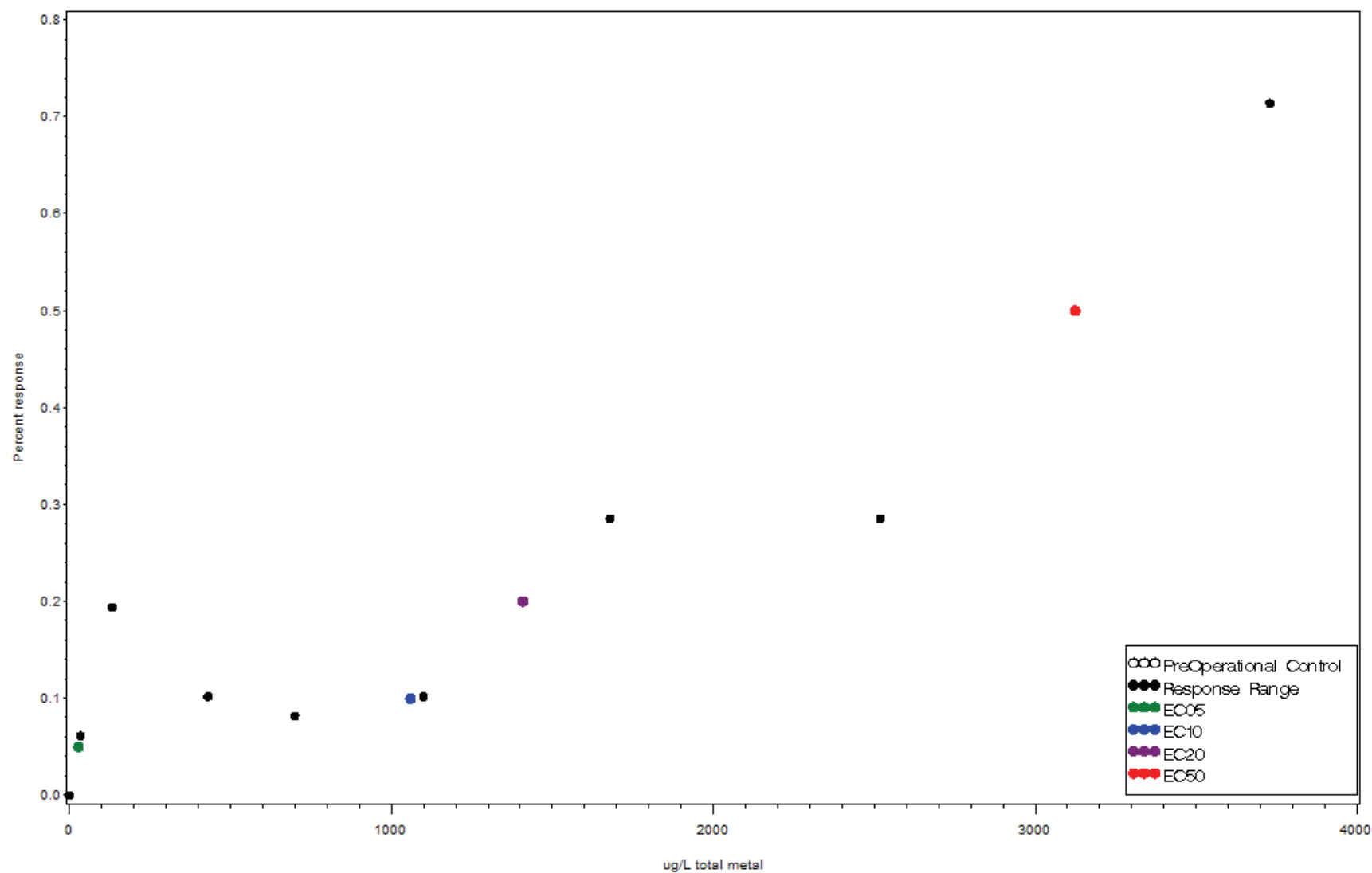
Survival in *Pimephales promelas* exposed to 0.01-3.7 ug/L Mercury
Test 59-2, Call et al., 1983
EC05= 0.983 EC10= 1.096 EC20= 1.323 EC50= 2.125



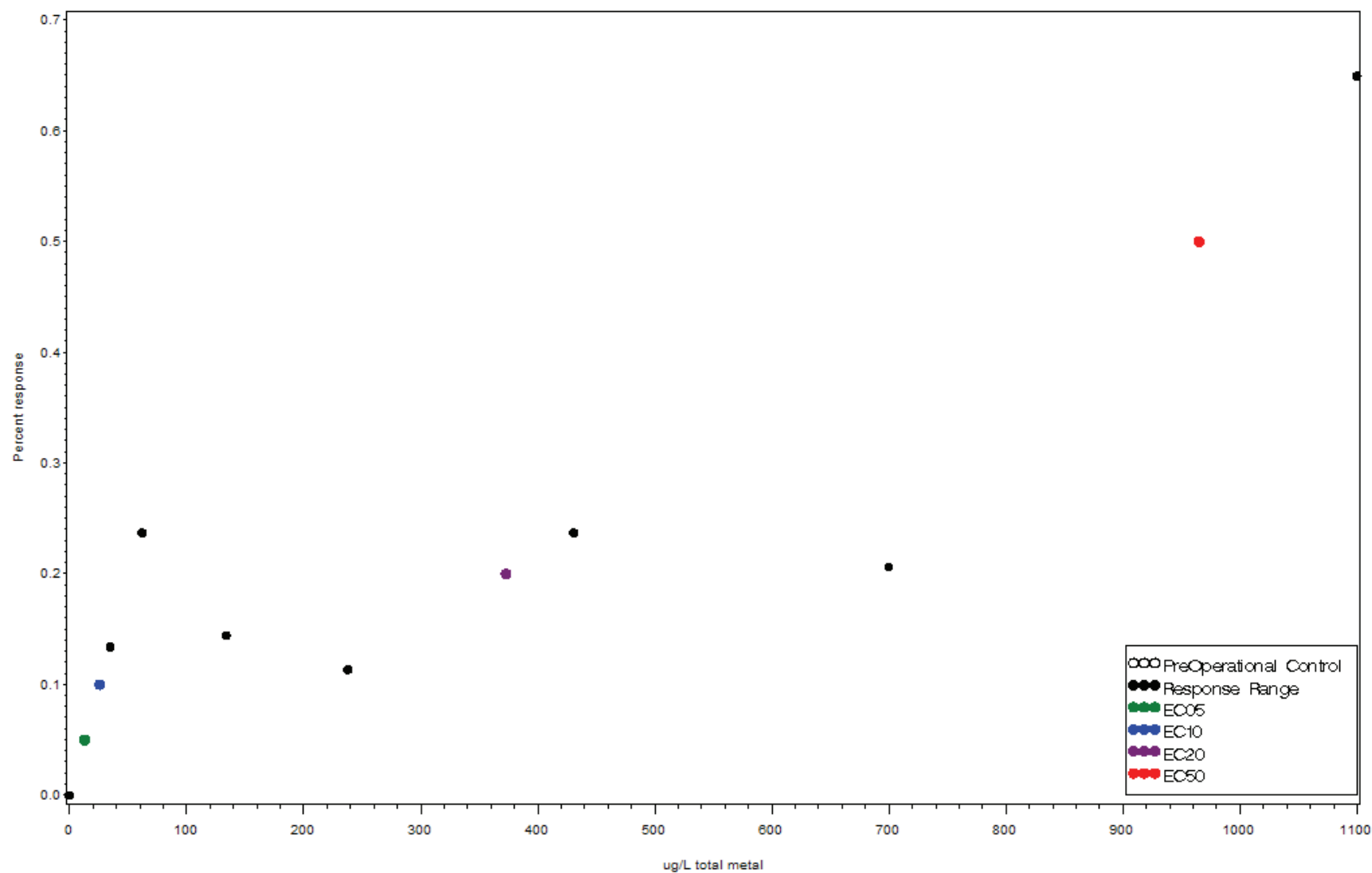
Growth in *Oncorhynchus mykiss* exposed to 0-3730 ug/L Nickel
Test 58-3, Nebeker et al., 1985
EC05= 245.375 EC10= 327.05 EC20= 538.6 EC50= 2142



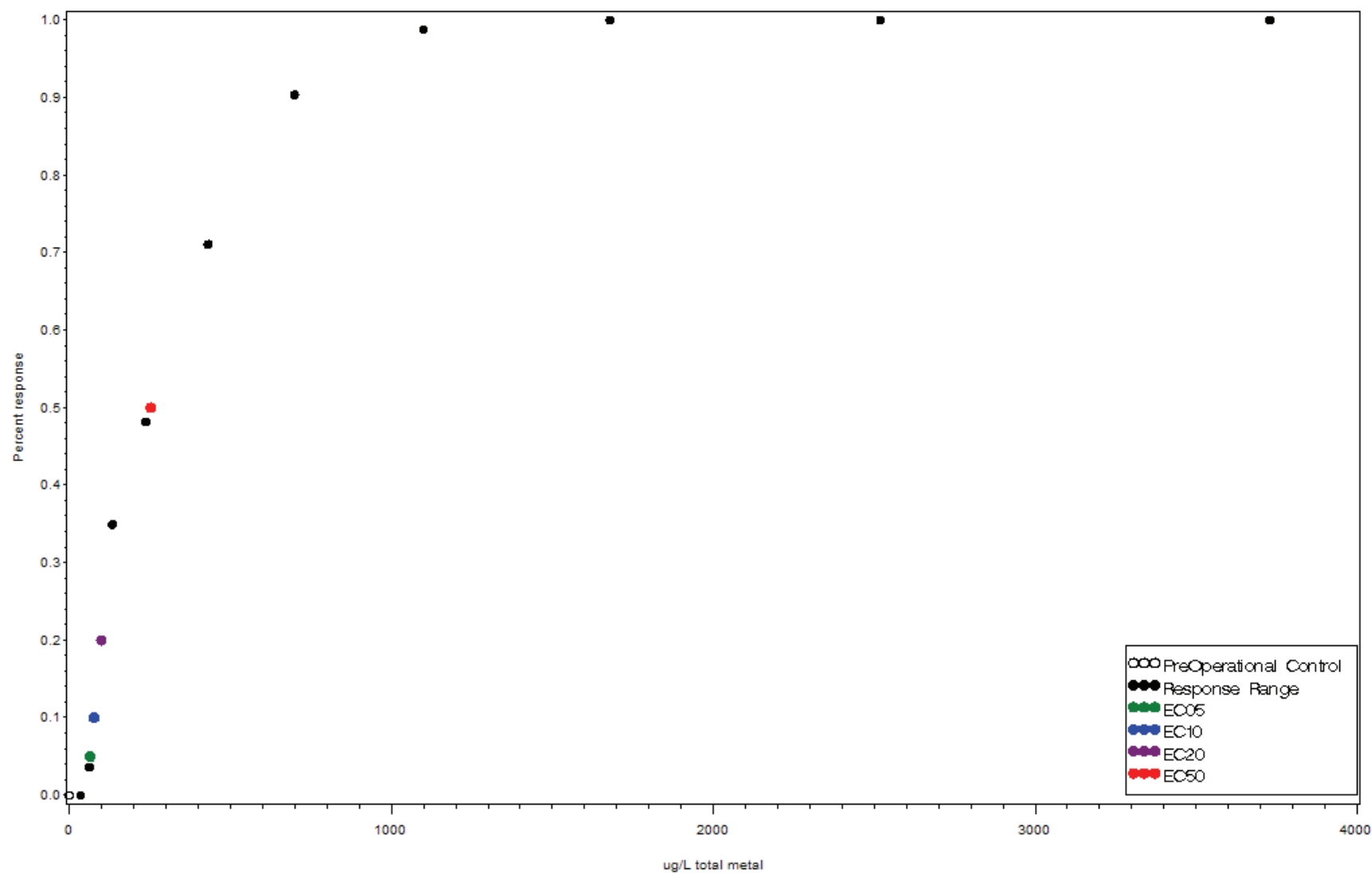
Survival in *Oncorhynchus mykiss* exposed to 0-3730 ug/L Nickel
Test 58-2, Nebeker et al., 1985
EC05= 28.583 EC10= 1060 EC20= 1409.333 EC50= 3125



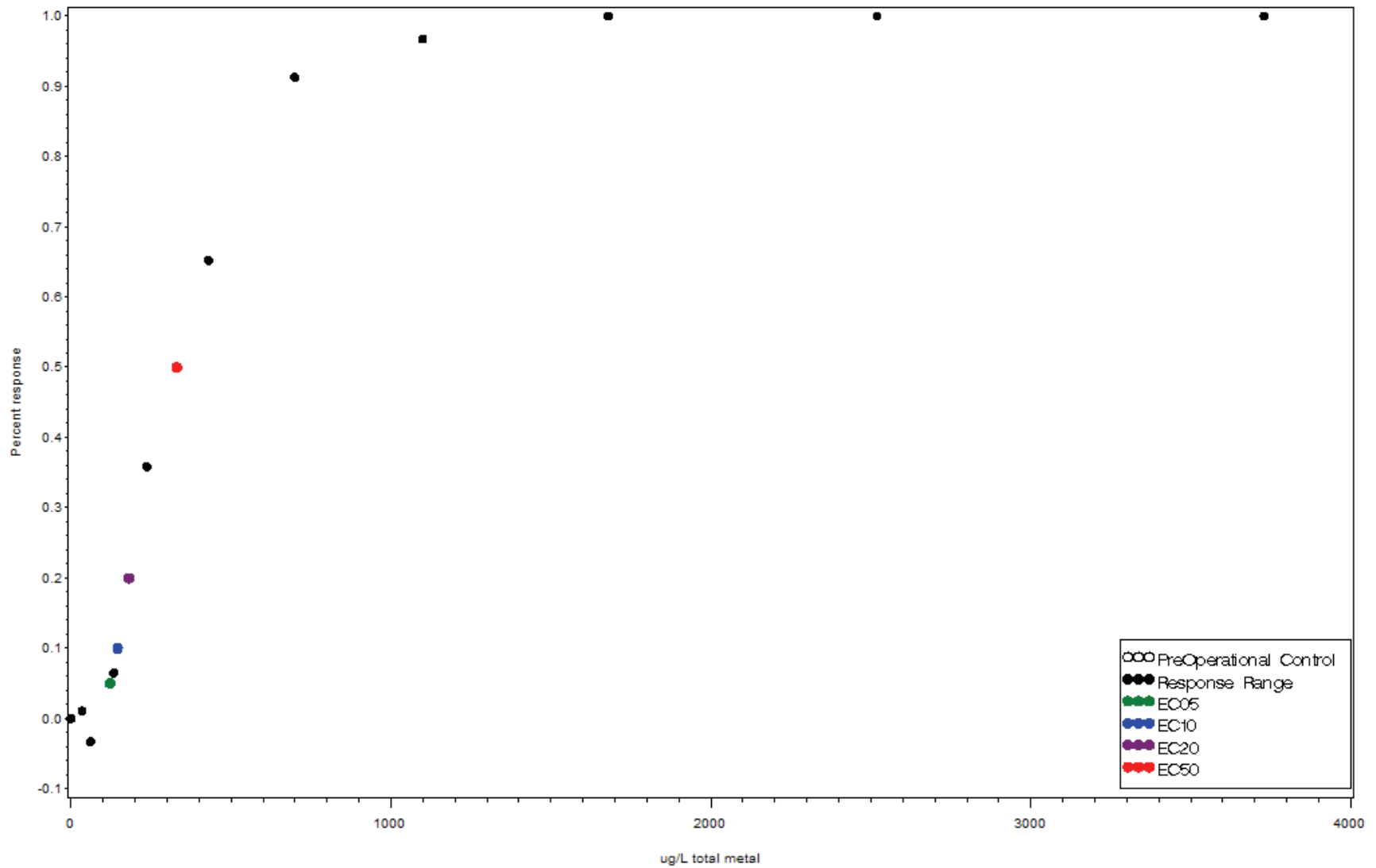
Growth in *Oncorhynchus mykiss* exposed to 0-1100 ug/L Nickel
 Test 57-3, Nebeker et al., 1985
 EC05= 13.058 EC10= 26.115 EC20= 373.1 EC50= 965.116



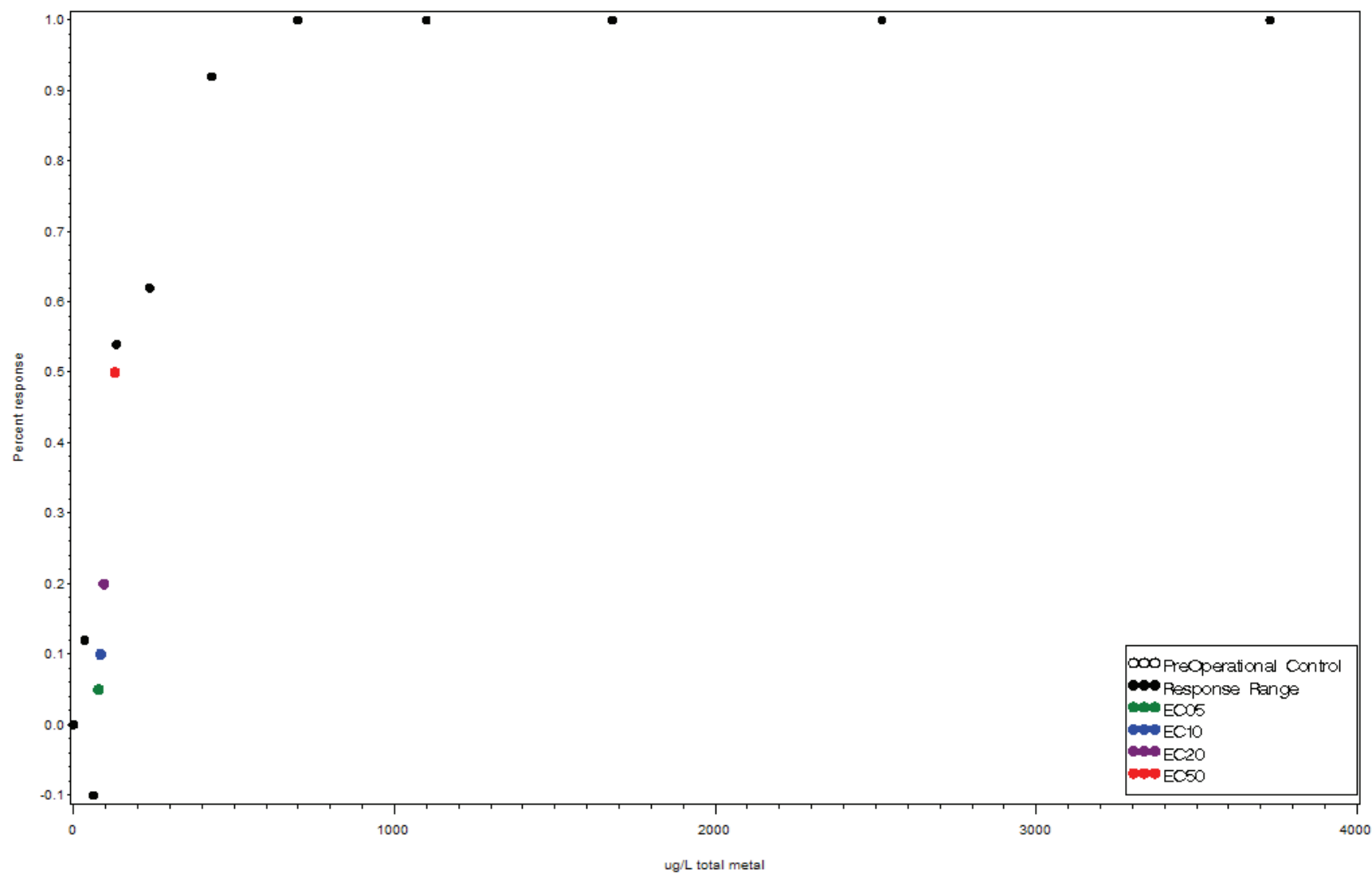
Survival in *Oncorhynchus mykiss* exposed to 0-3730 ug/L Nickel
 Test 57-2, Nebeker et al., 1985
 EC05= 65.185 EC10= 76.677 EC20= 99.662 EC50= 253.237



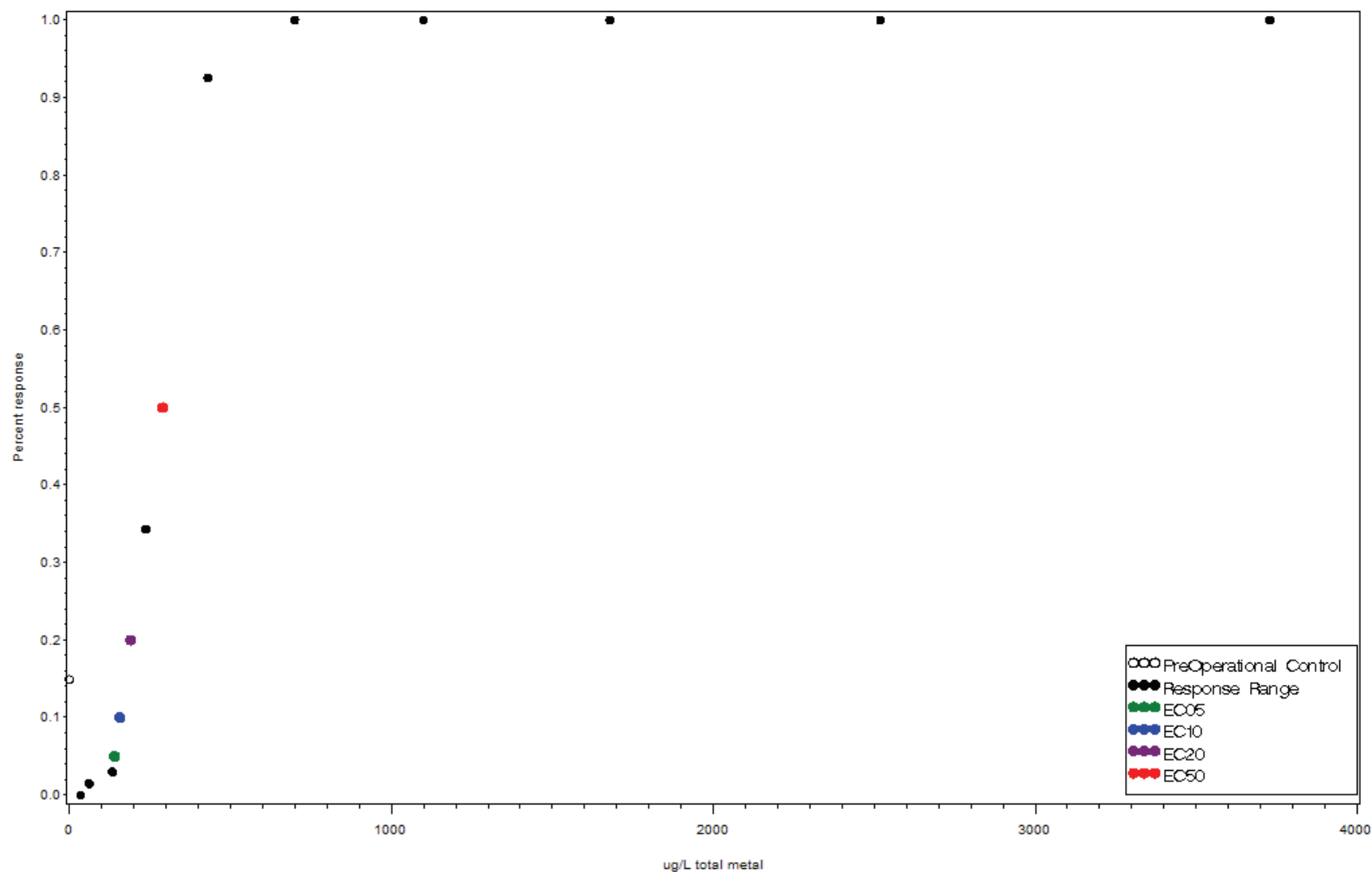
Survival in *Oncorhynchus mykiss* exposed to 0-3730 ug/L Nickel
Test 57-1, Nebeker et al., 1985
EC05= 122.8 EC10= 146.326 EC20= 181.763 EC50= 330.926



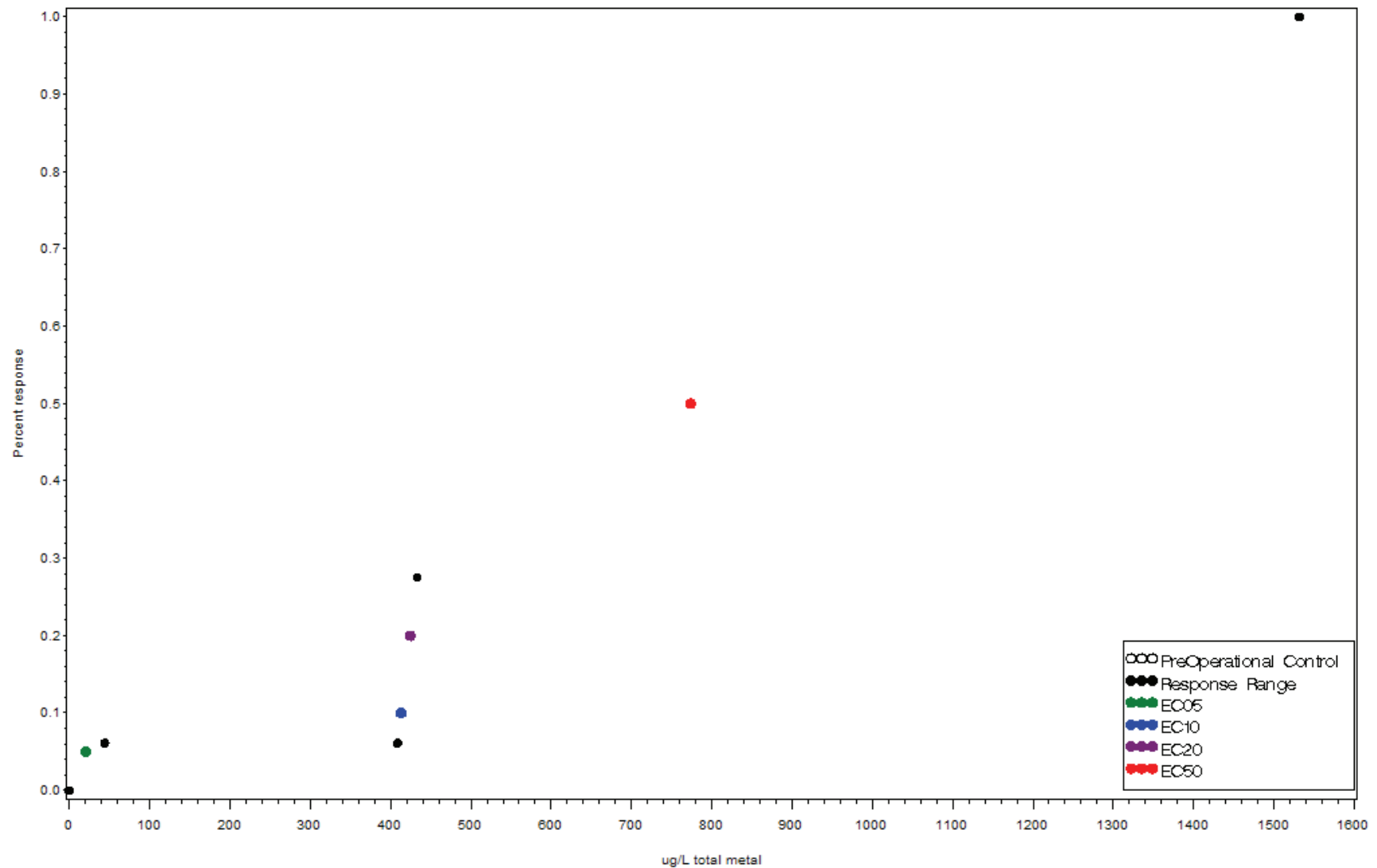
Survival in *Oncorhynchus mykiss* exposed to 0-3730 ug/L Nickel
Test 56-2, Nebeker et al., 1985
EC05= 78.875 EC10= 84.5 EC20= 95.75 EC50= 129.5



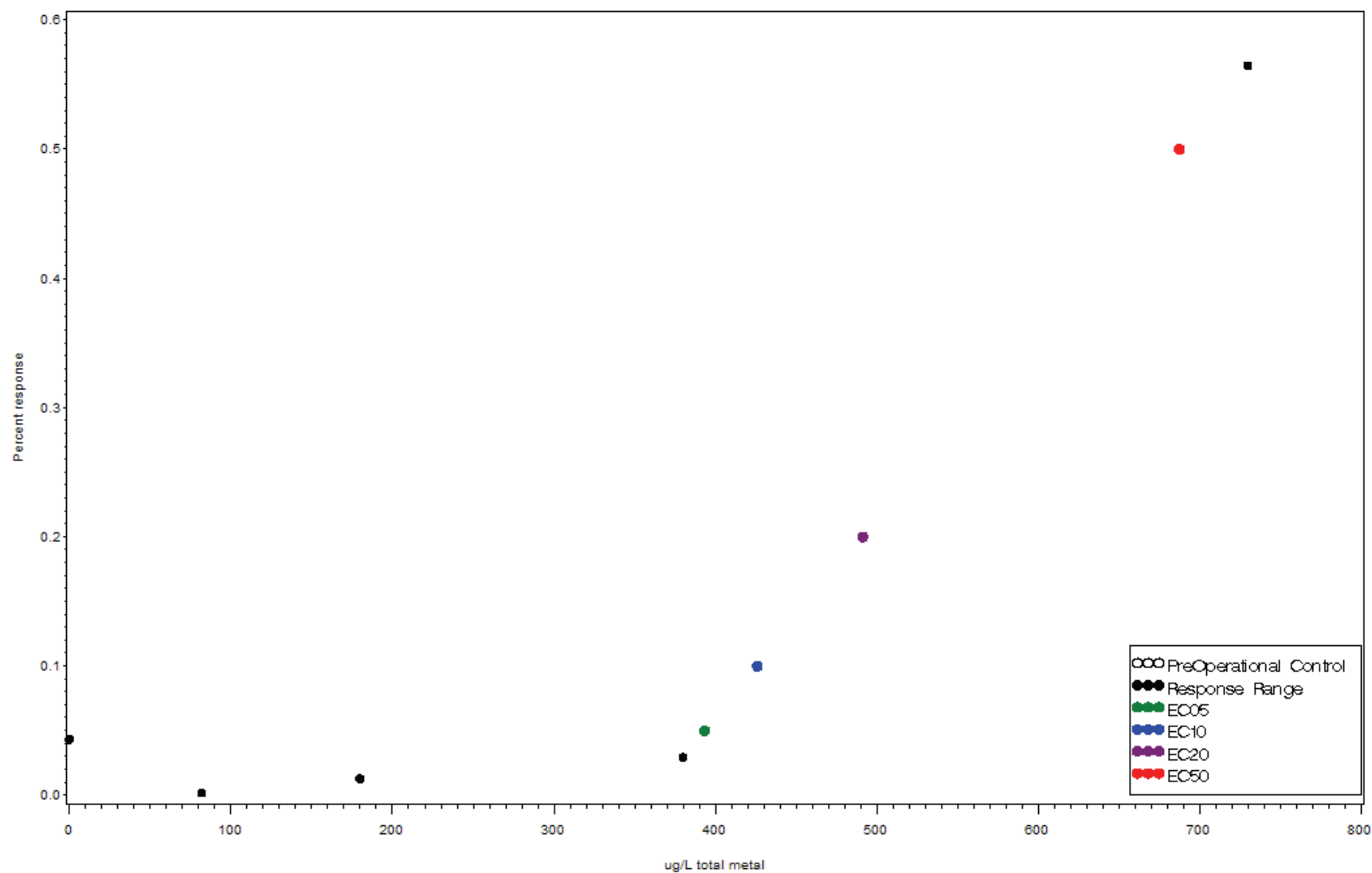
Survival in *Oncorhynchus mykiss* exposed to 0-3730 ug/L Nickel
 Test 56-1, Nebeker et al., 1985
 EC05= 140.686 EC10= 157.276 EC20= 190.457 EC50= 289.962



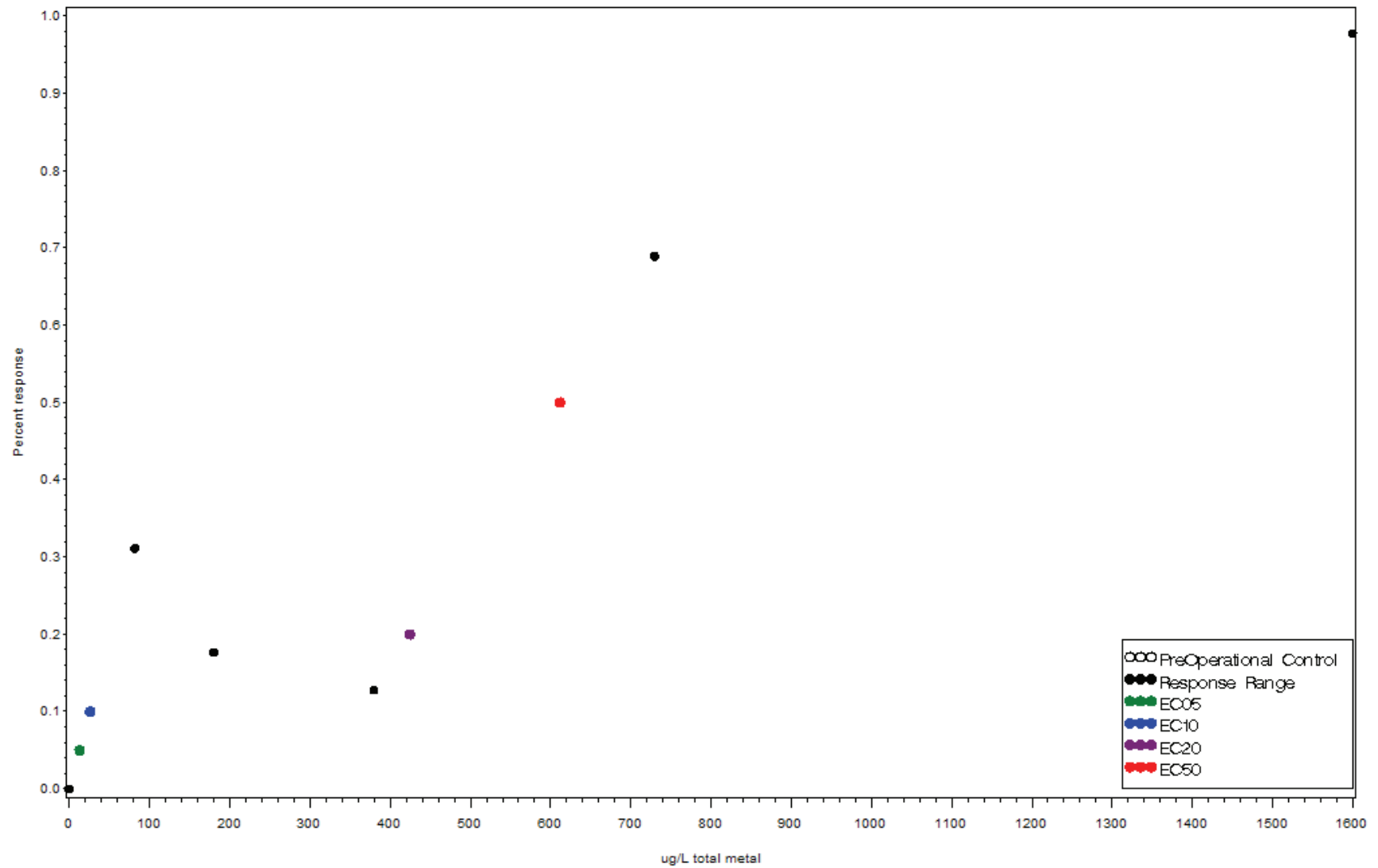
Survival in *Pimephales promelas* exposed to 0-1532.1 ug/L Nickel
Test 55-1, Lind et al., 1978
EC05= 20.58 EC10= 413.351 EC20= 424.831 EC50= 773.911



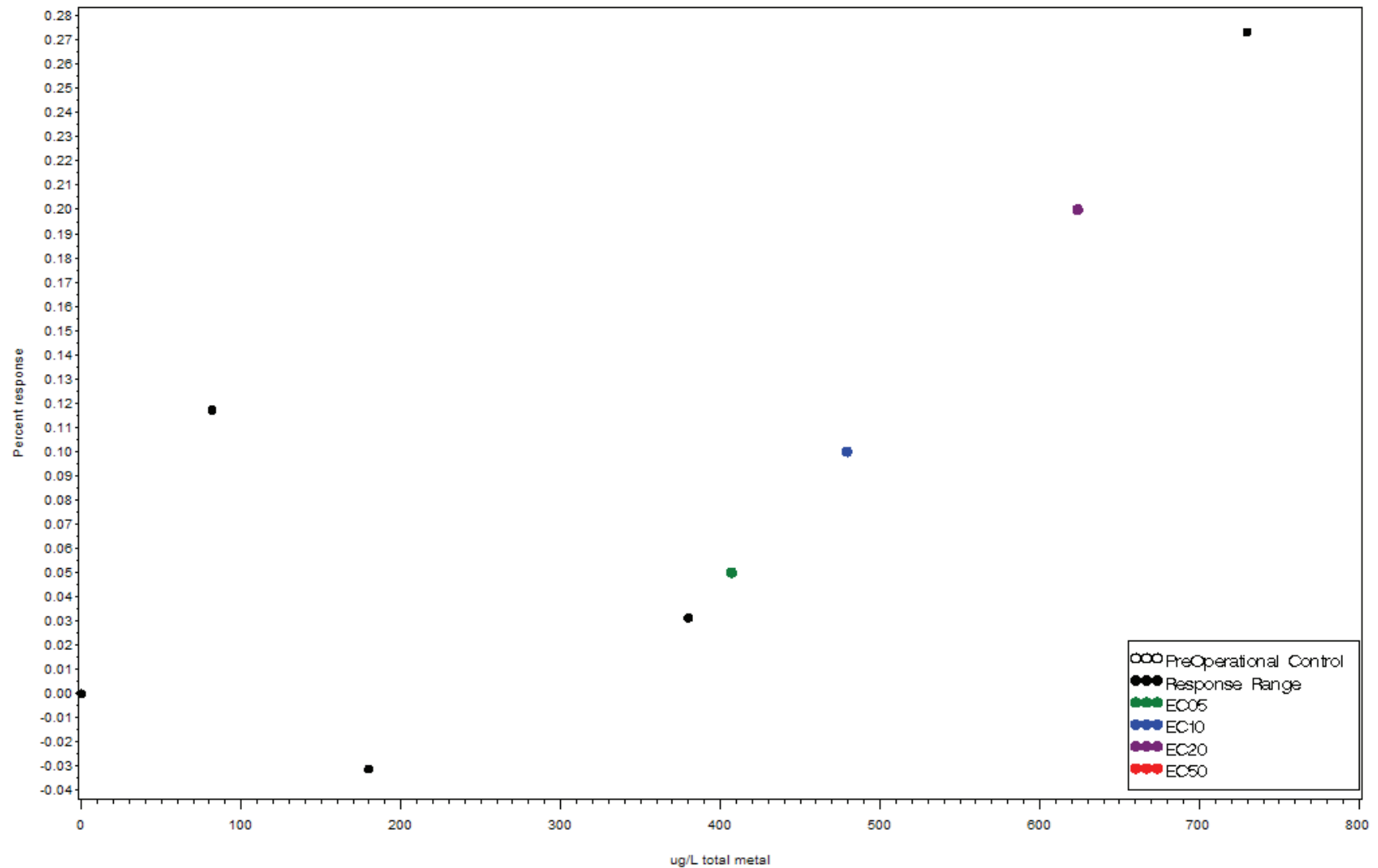
Survival in *Pimephales promelas* exposed to 0-730 ug/L Nickel
Test 54-4, Pickering, 1974
EC05= 393.504 EC10= 426.188 EC20= 491.556 EC50= 687.661



Reproduction in *Pimephales promelas* exposed to 0-1600 ug/L Nickel
Test 54-3, Pickering, 1974
EC05= 13.171 EC10= 26.342 EC20= 424.956 EC50= 611.972

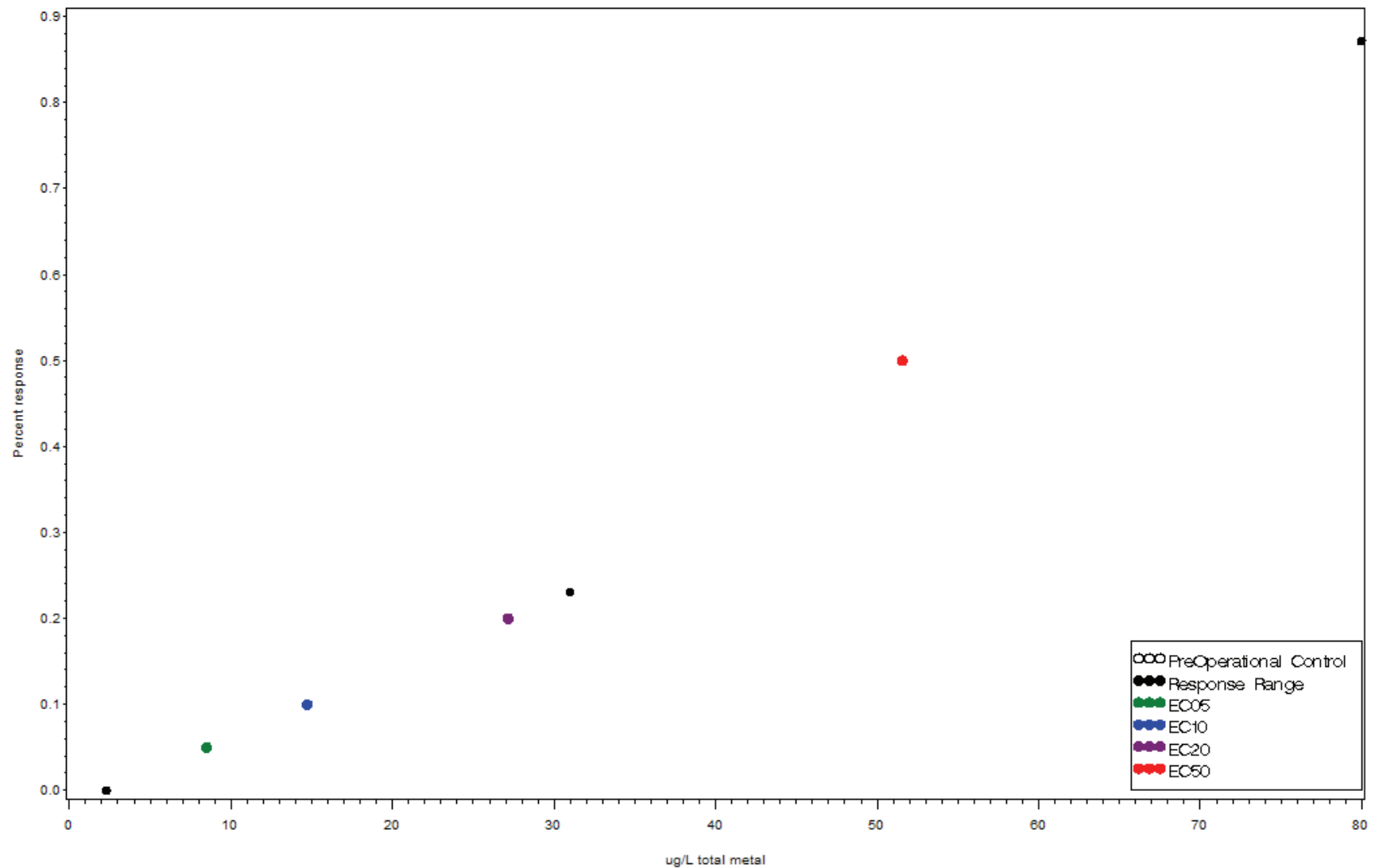


Growth in *Pimephales promelas* exposed to 0-730 ug/L Nickel
Test 54-2, Pickering, 1974
EC05= 407.097 EC10= 479.355 EC20= 623.871 EC50= .

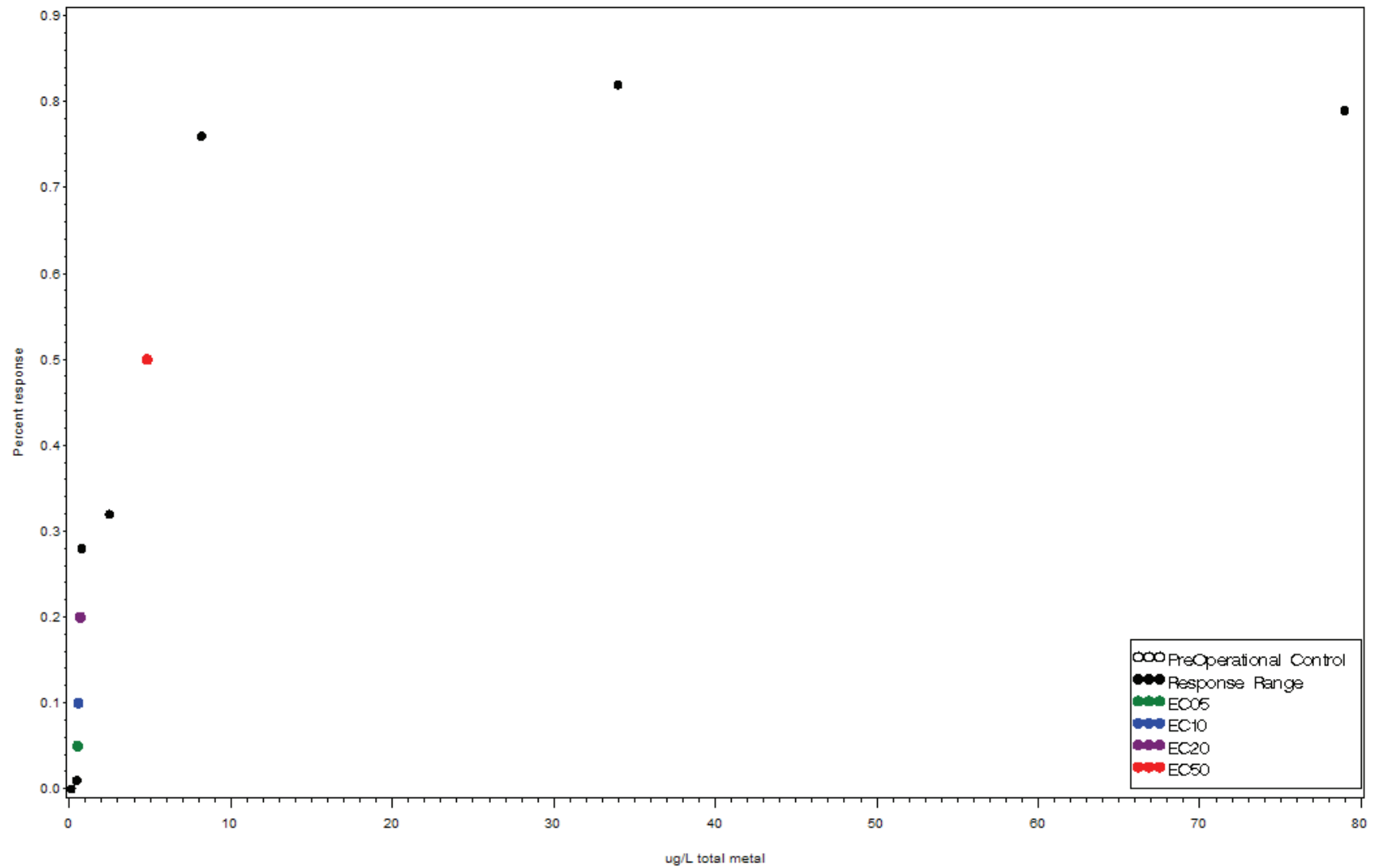


K-70

Survival in *Lepomis macrochirus* exposed to 2.3-80 ug/L Cadmium
Test 53-2, Eaton, 1974
EC05= 8.518 EC10= 14.737 EC20= 27.173 EC50= 51.58

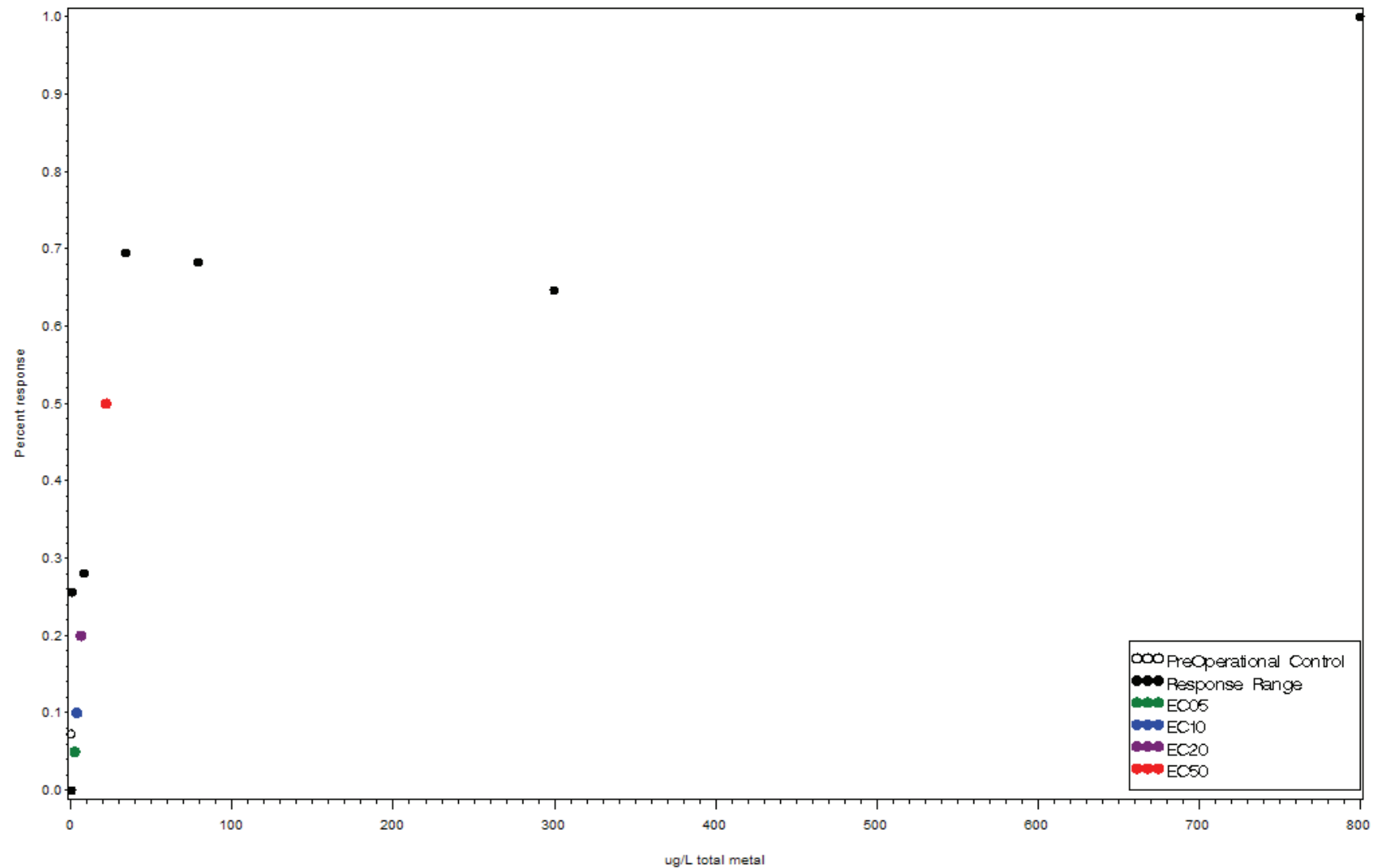


Growth in *Salmo salar* exposed to 0.13-79 ug/L Cadmium
Test 52-3, Rombough and Garside, 198
EC05= 0.516 EC10= 0.573 EC20= 0.688 EC50= 4.832

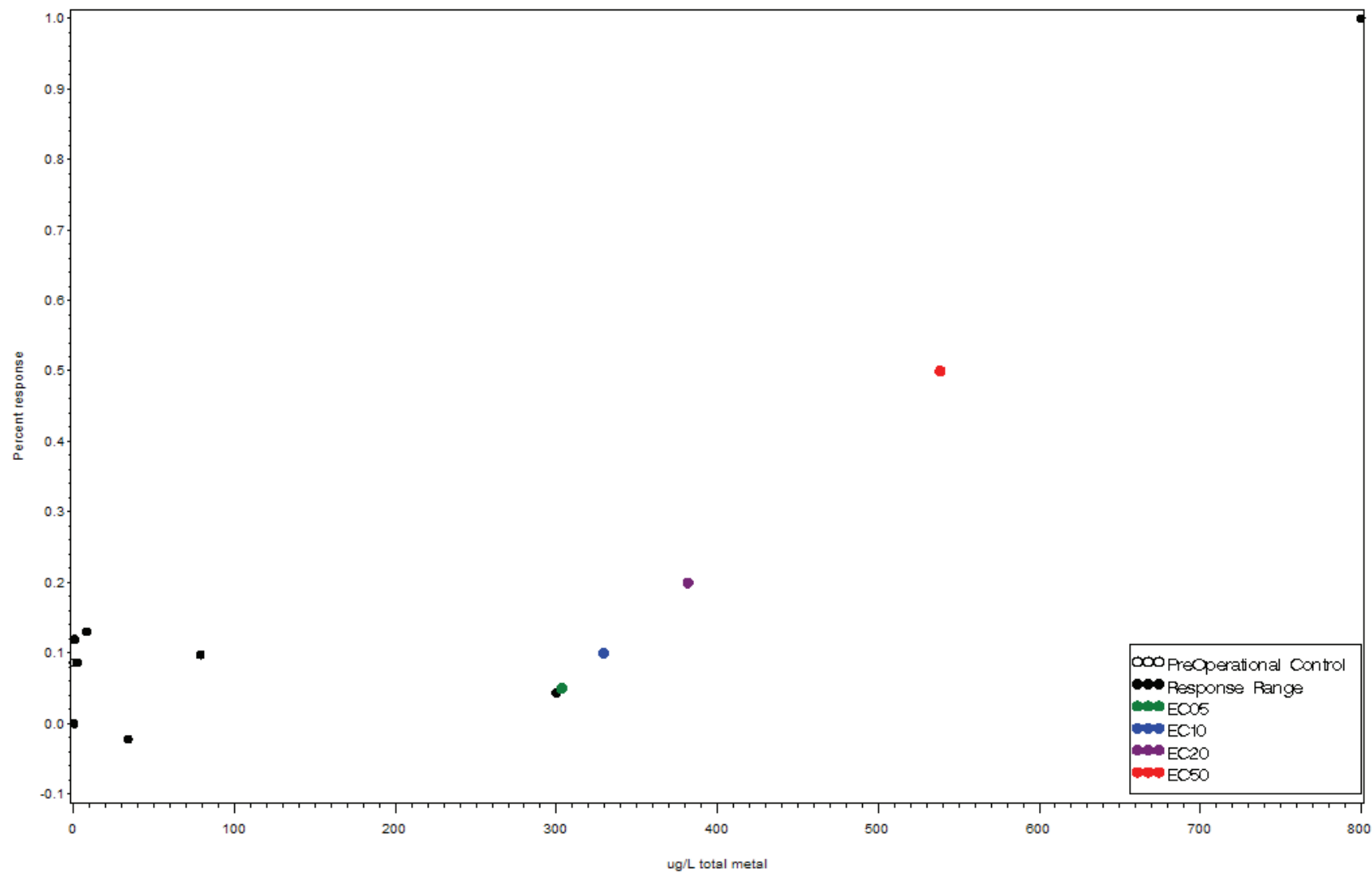


K-72

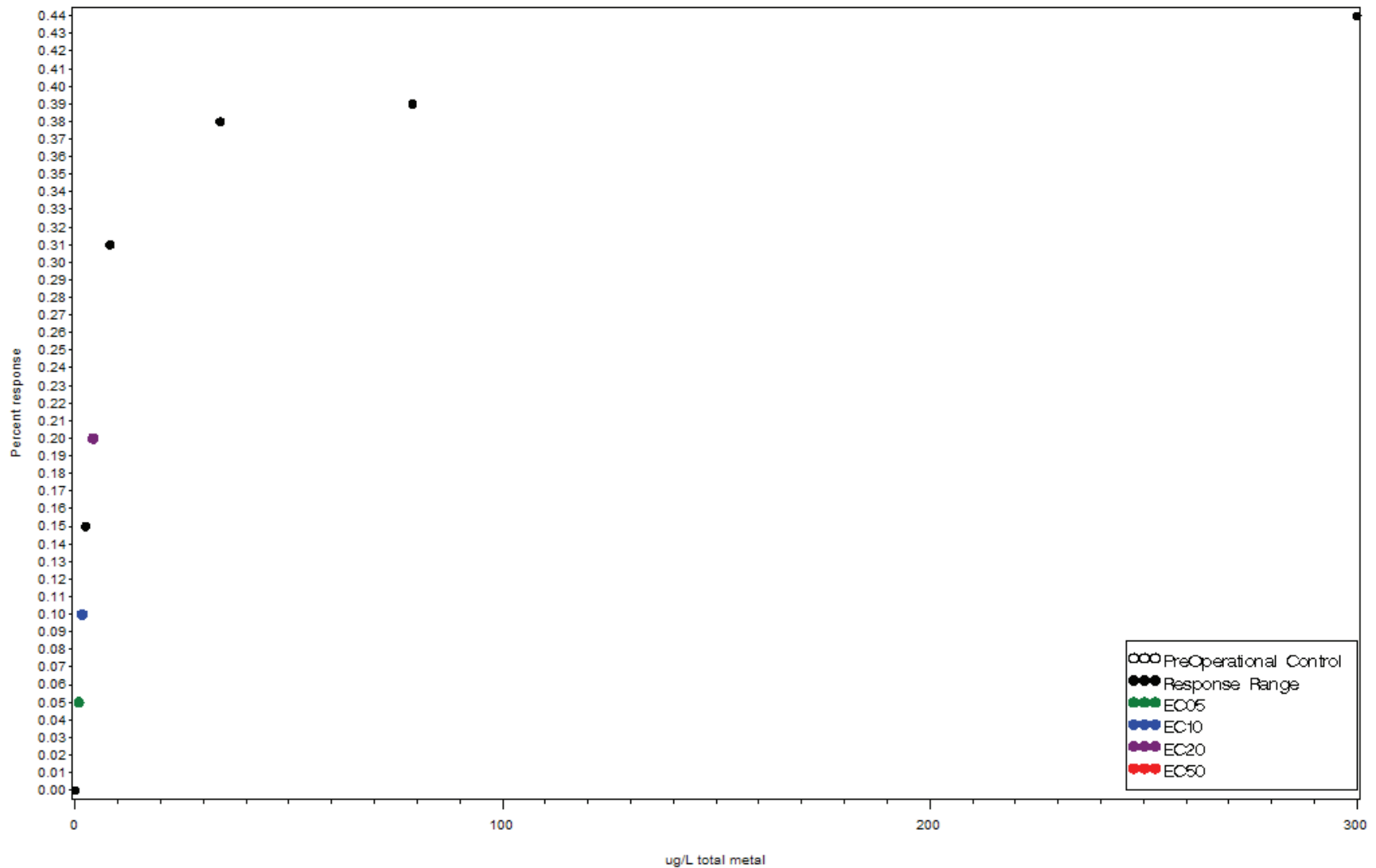
Survival in *Salmo salar* exposed to 0.13-800 ug/L Cadmium
 Test 52-2, Rombough and Garside, 198
 EC05= 2.53 EC10= 3.76 EC20= 6.22 EC50= 21.859



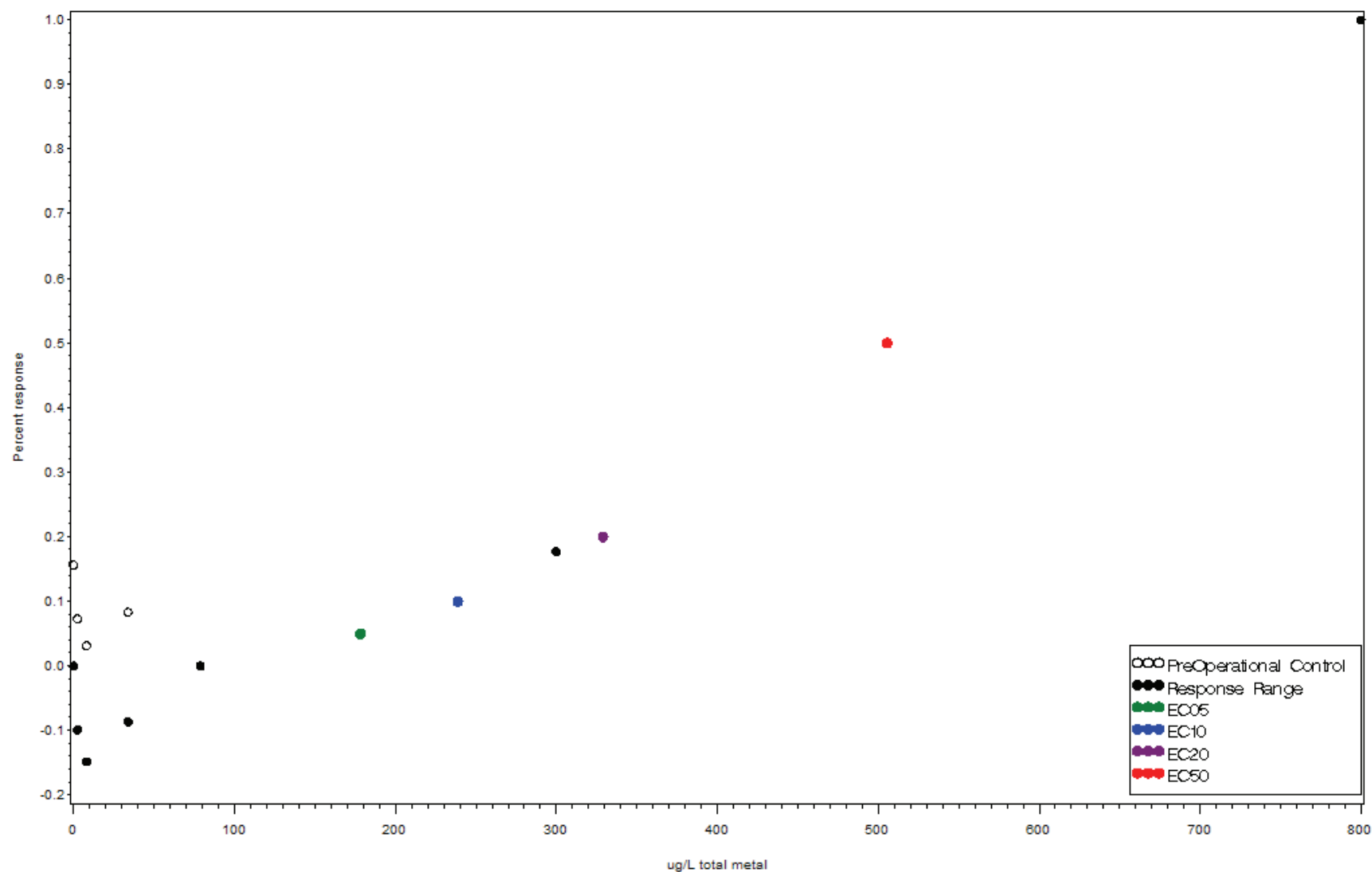
Reproduction in *Salmo salar* exposed to 0.13-800 ug/L Cadmium
Test 52-1, Rombough and Garside, 198
EC05= 303.409 EC10= 329.545 EC20= 381.818 EC50= 538.636



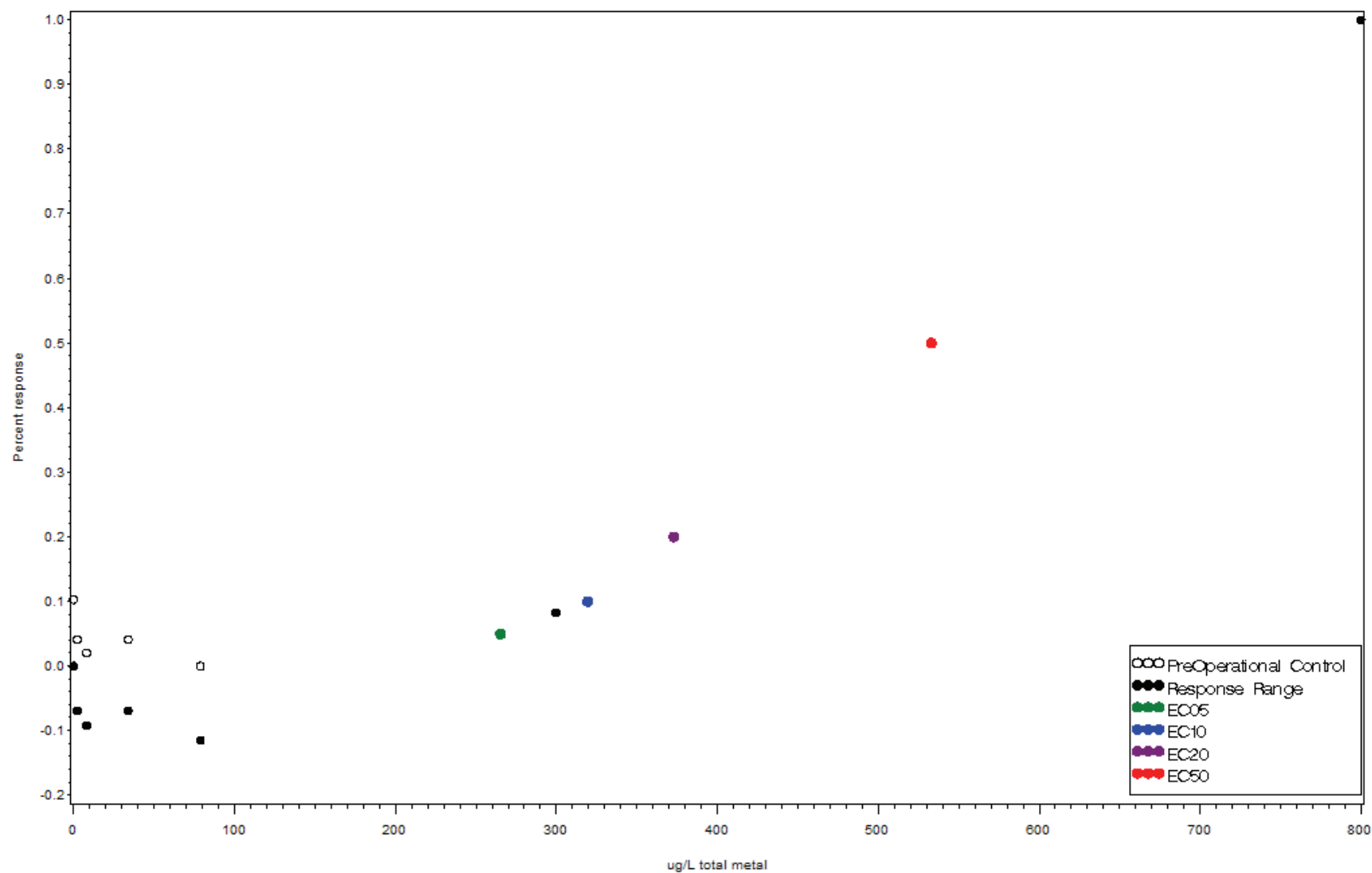
Growth in *Salmo salar* exposed to 0.13-300 ug/L Cadmium
 Test 51-3, Rombough and Garside, 198
 EC05= 0.92 EC10= 1.71 EC20= 4.281 EC50= .



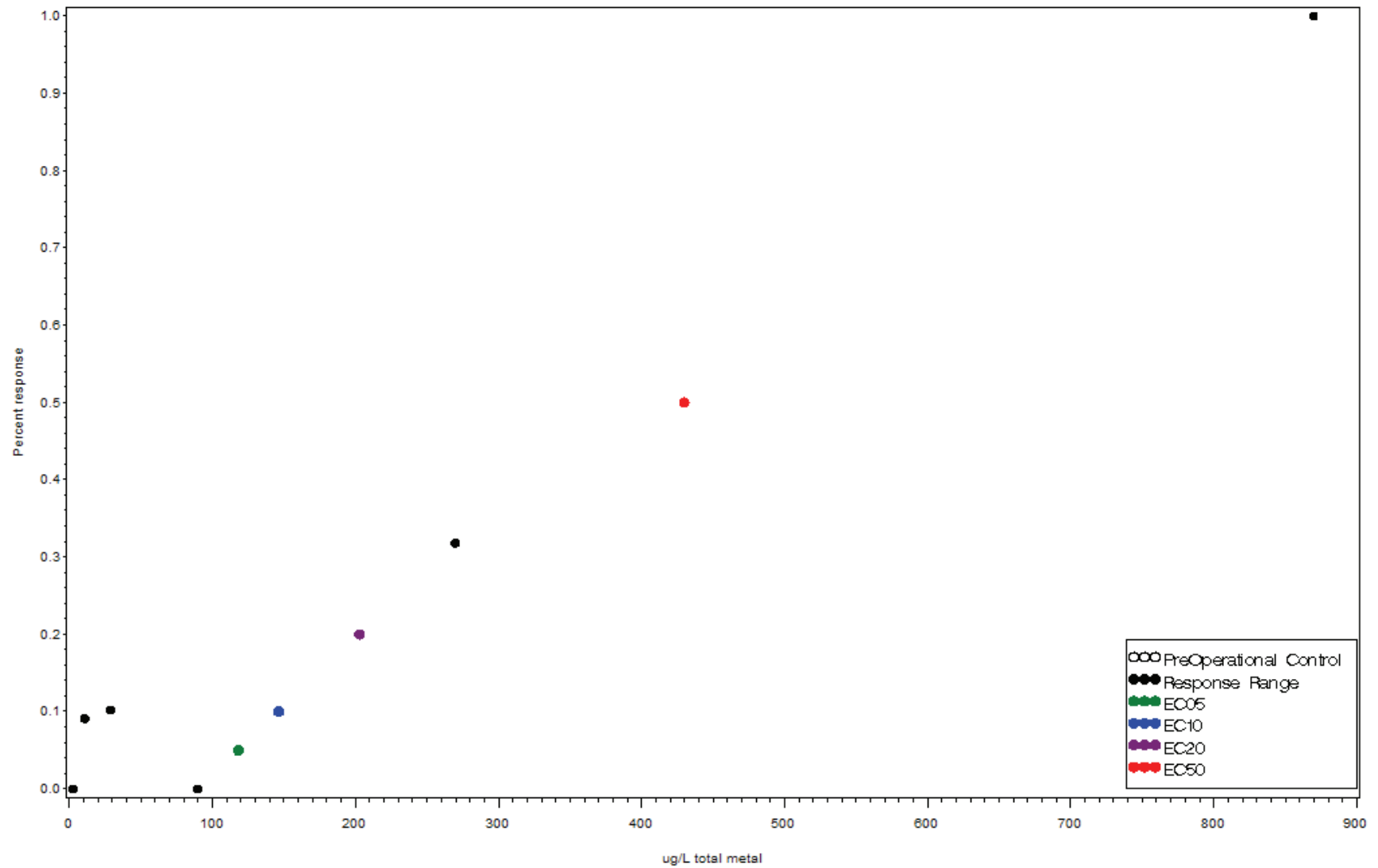
Survival in *Salmo salar* exposed to 0.13-800 ug/L Cadmium
Test 51-2, Rombough and Garside, 198
EC05= 178.45 EC10= 238.9 EC20= 329.114 EC50= 505.696



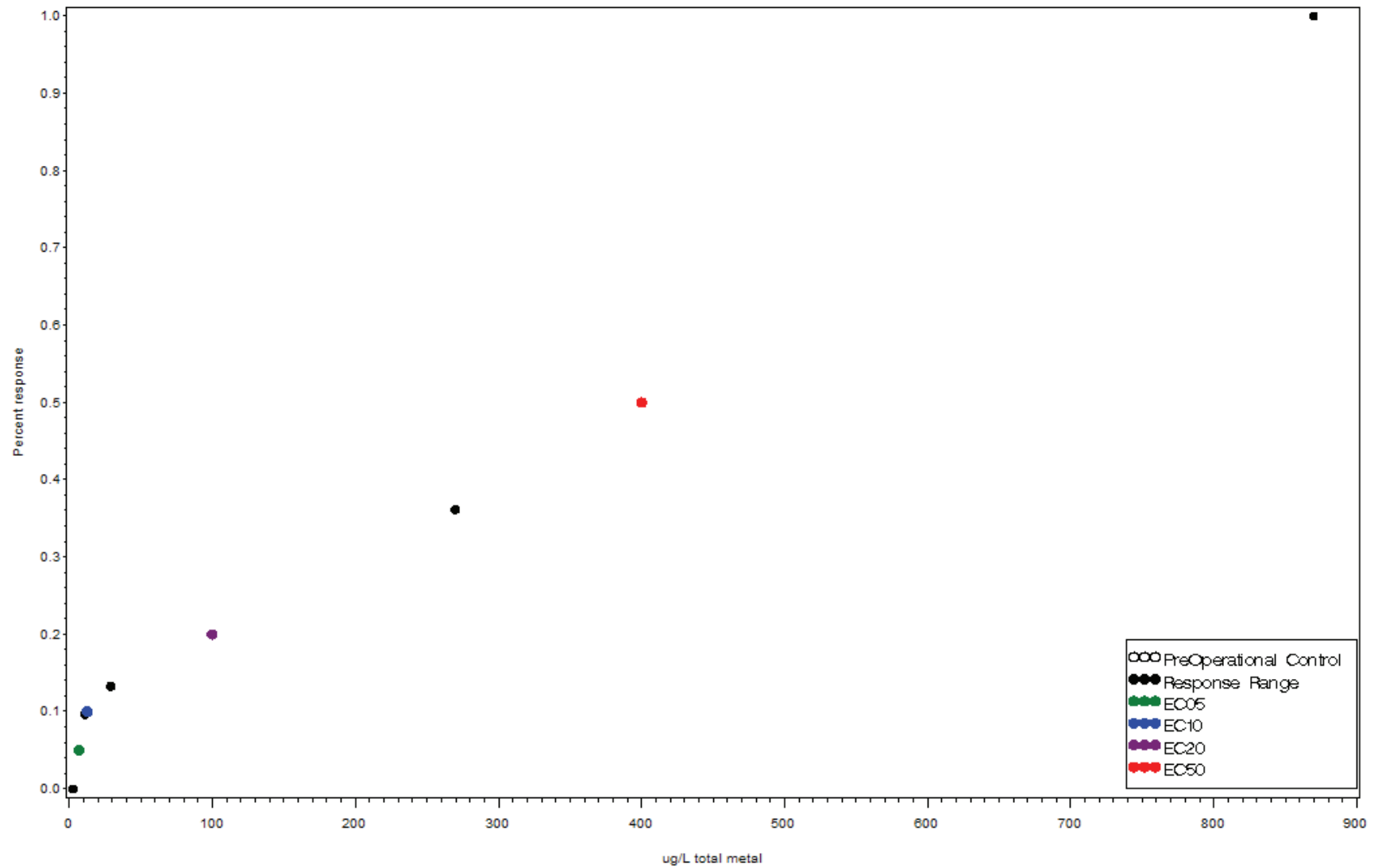
Reproduction in *Salmo salar* exposed to 0.13-800 ug/L Cadmium
Test 51-1, Rombough and Garside, 198
EC05= 265.469 EC10= 319.663 EC20= 373.034 EC50= 533.146



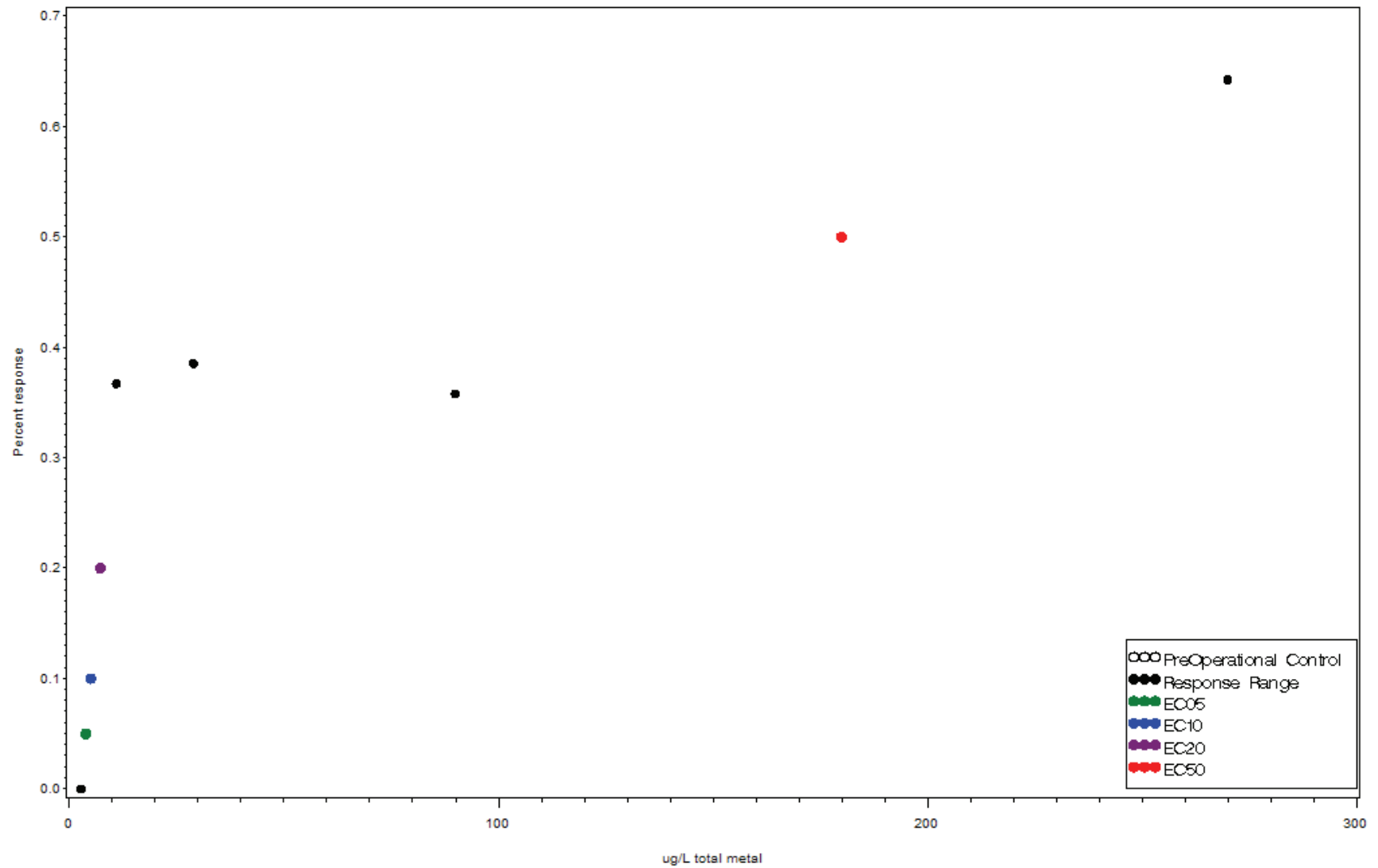
Reproduction in *Salmo salar* exposed to 2.8-870 ug/L Cadmium
Test 50-1, Rombough and Garside, 198
EC05= 118.286 EC10= 146.571 EC20= 203.143 EC50= 430



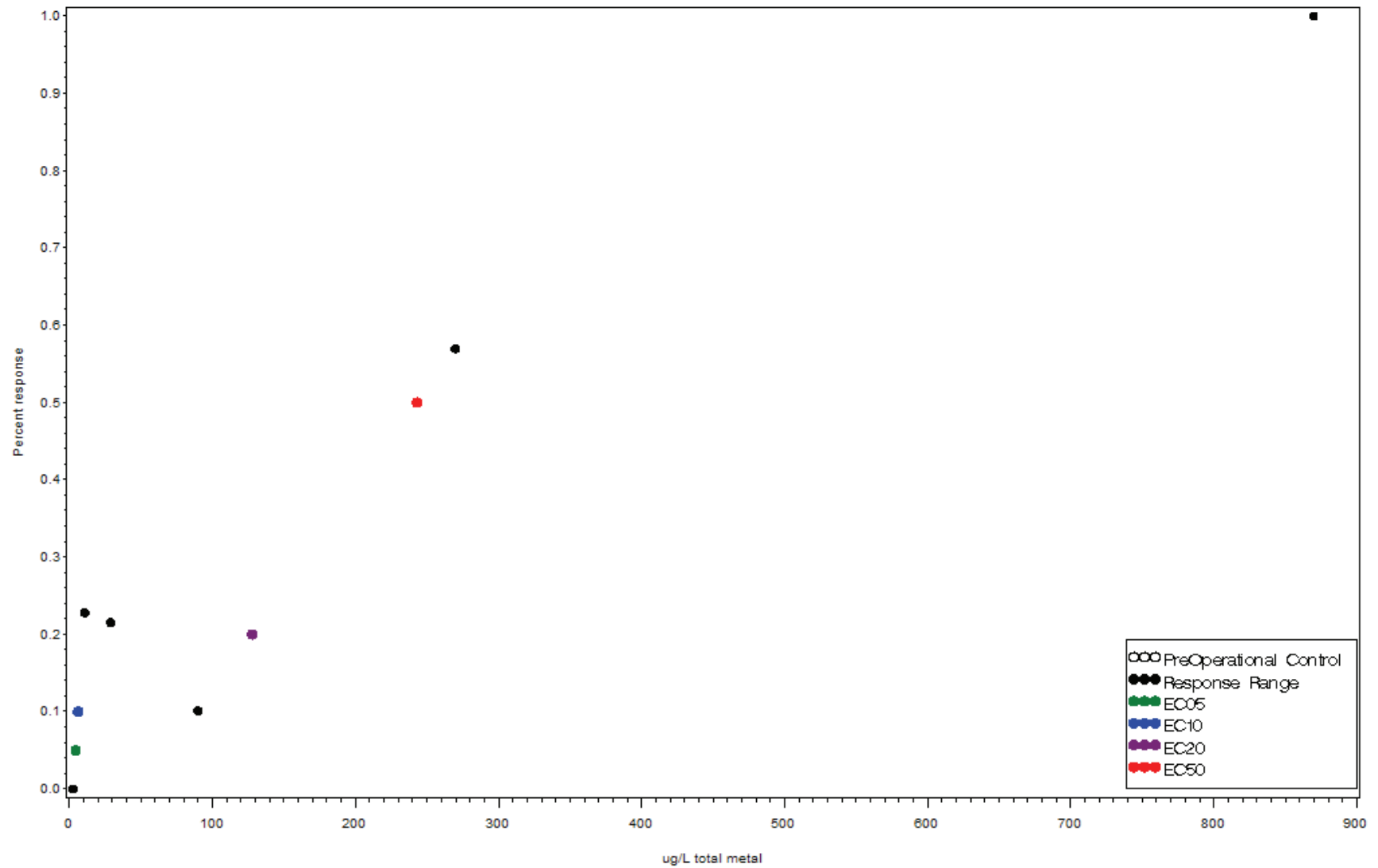
Reproduction in *Salmo salar* exposed to 2.8-870 ug/L Cadmium
Test 49-1, Rombough and Garside, 198
EC05= 7.054 EC10= 12.8 EC20= 100.032 EC50= 400.189



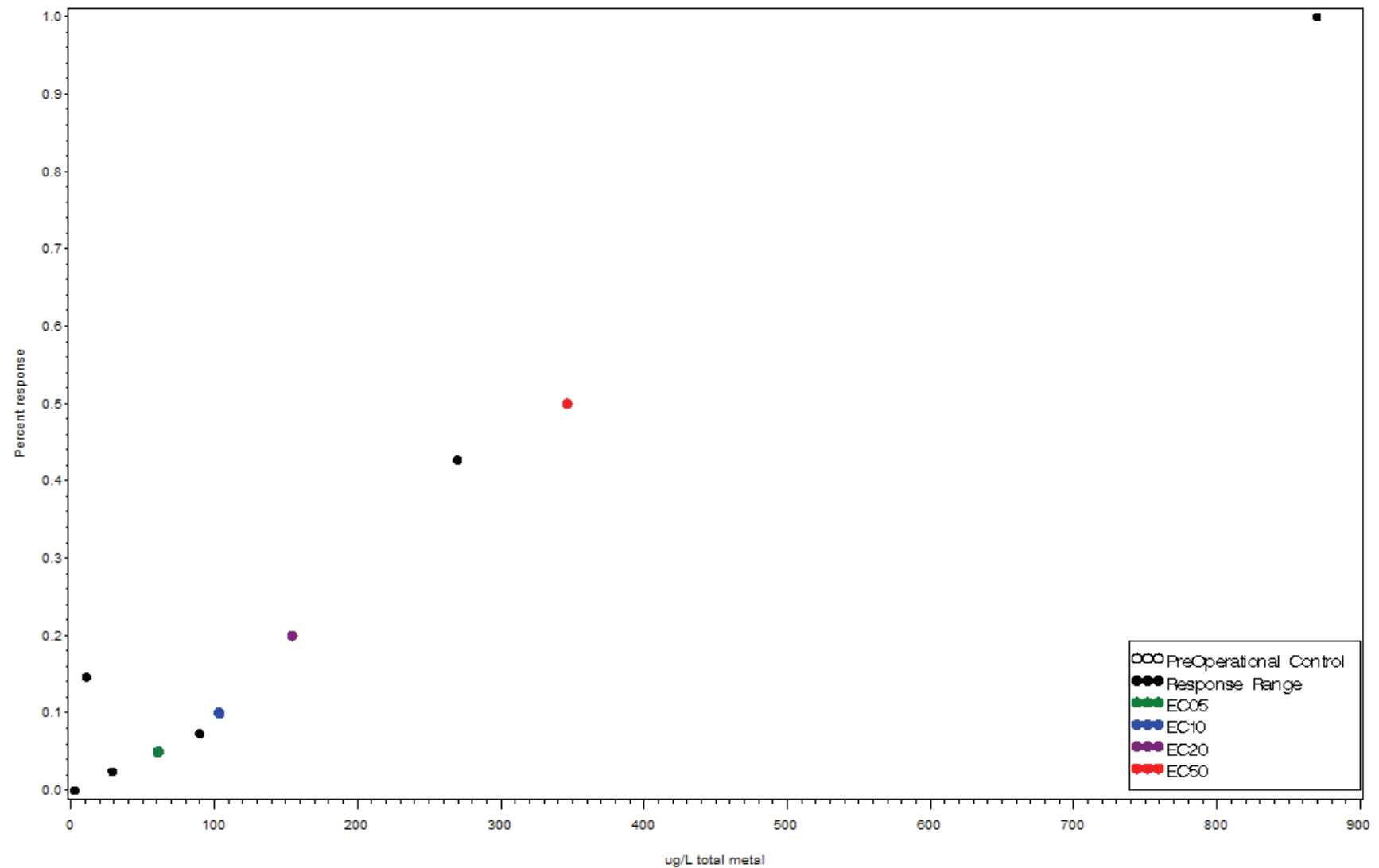
Growth in *Salmo salar* exposed to 2.8-270 ug/L Cadmium
Test 48-3, Rombough and Garside, 198
EC05= 3.917 EC10= 5.035 EC20= 7.269 EC50= 180



Survival in *Salmo salar* exposed to 2.8-870 ug/L Cadmium
Test 48-2, Rombough and Garside, 198
EC05= 4.599 EC10= 6.399 EC20= 127.946 EC50= 243.243



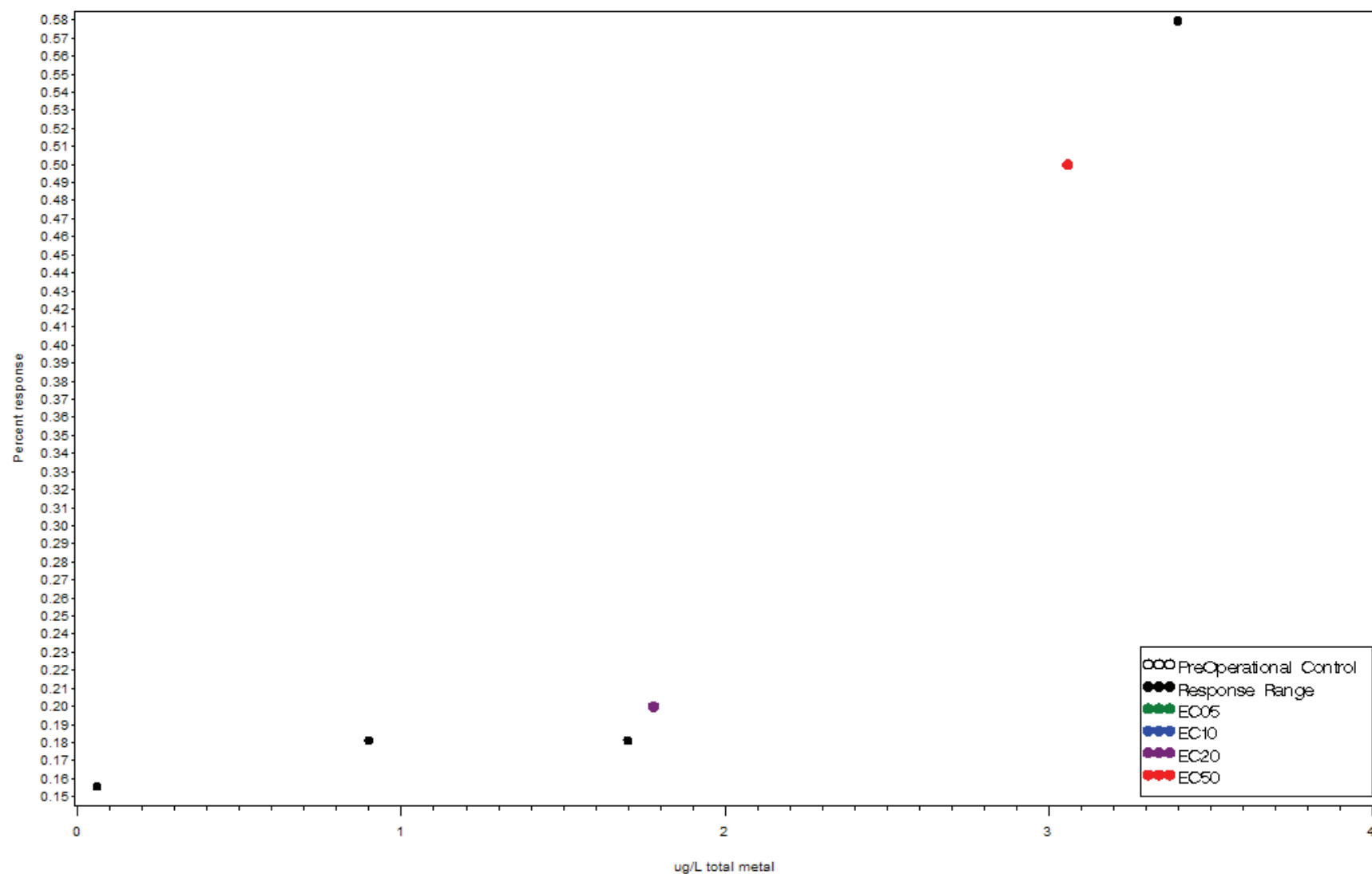
Reproduction in *Salmo salar* exposed to 2.8-870 ug/L Cadmium
Test 48-1, Rombough and Garside, 198
EC05= 61.025 EC10= 103.655 EC20= 154.552 EC50= 346.596



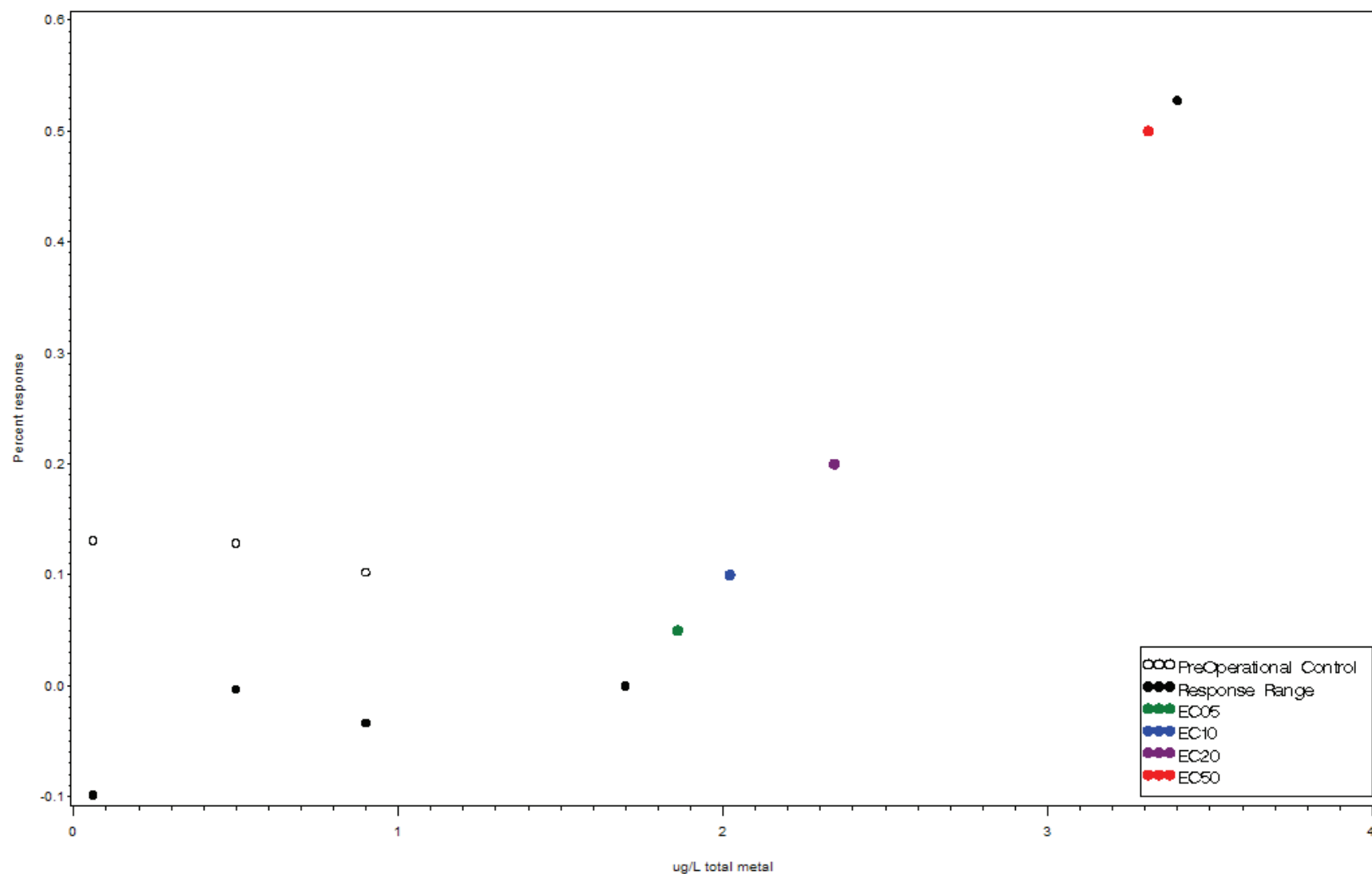
Growth over generations in *Salvelinus fontinalis* exposed to 0.06-3.4 ug/L Cadmium

Test 47-8, Benoit et al., 1976

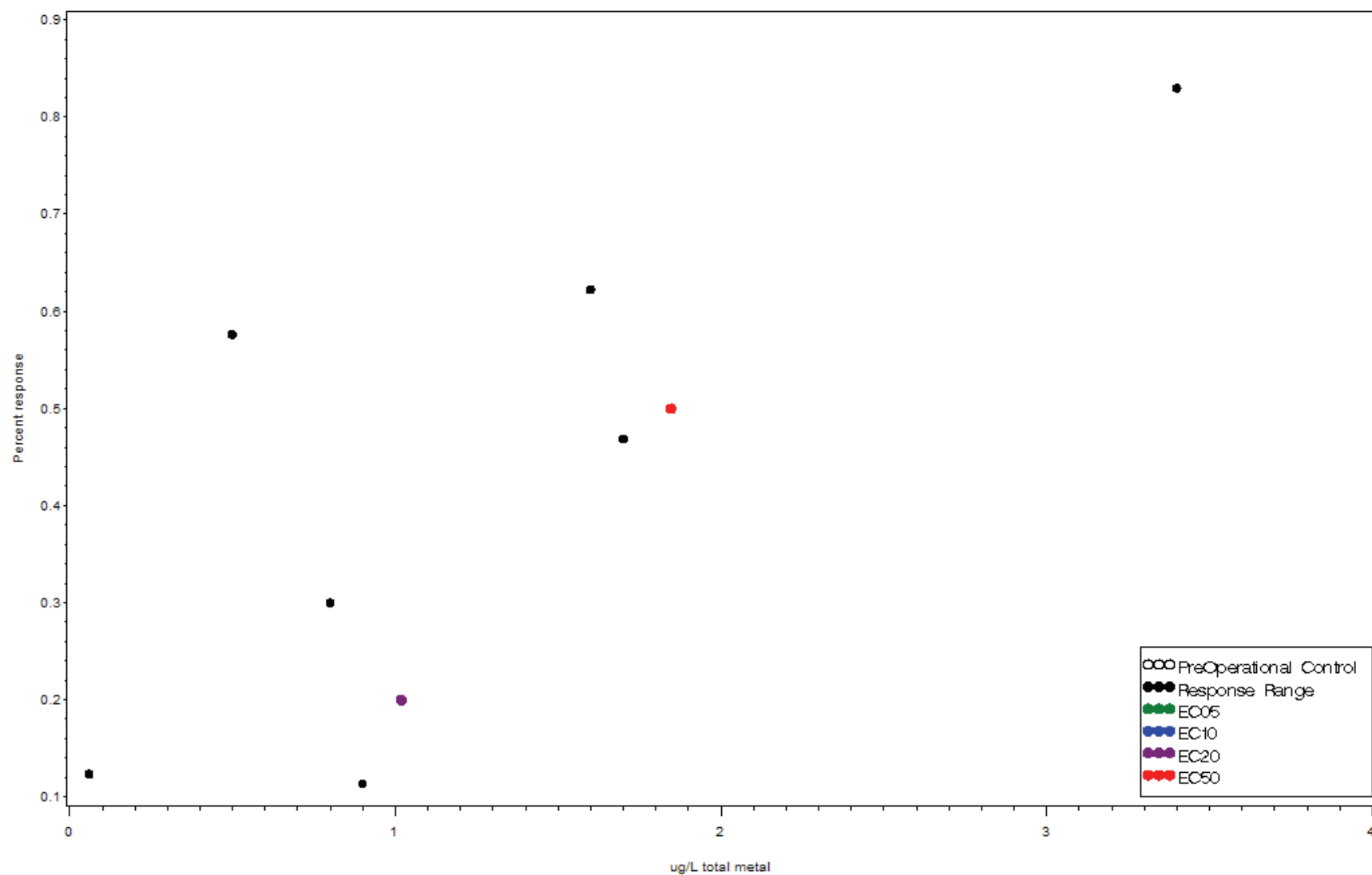
EC05= . EC10= . EC20= 1.78 EC50= 3.06



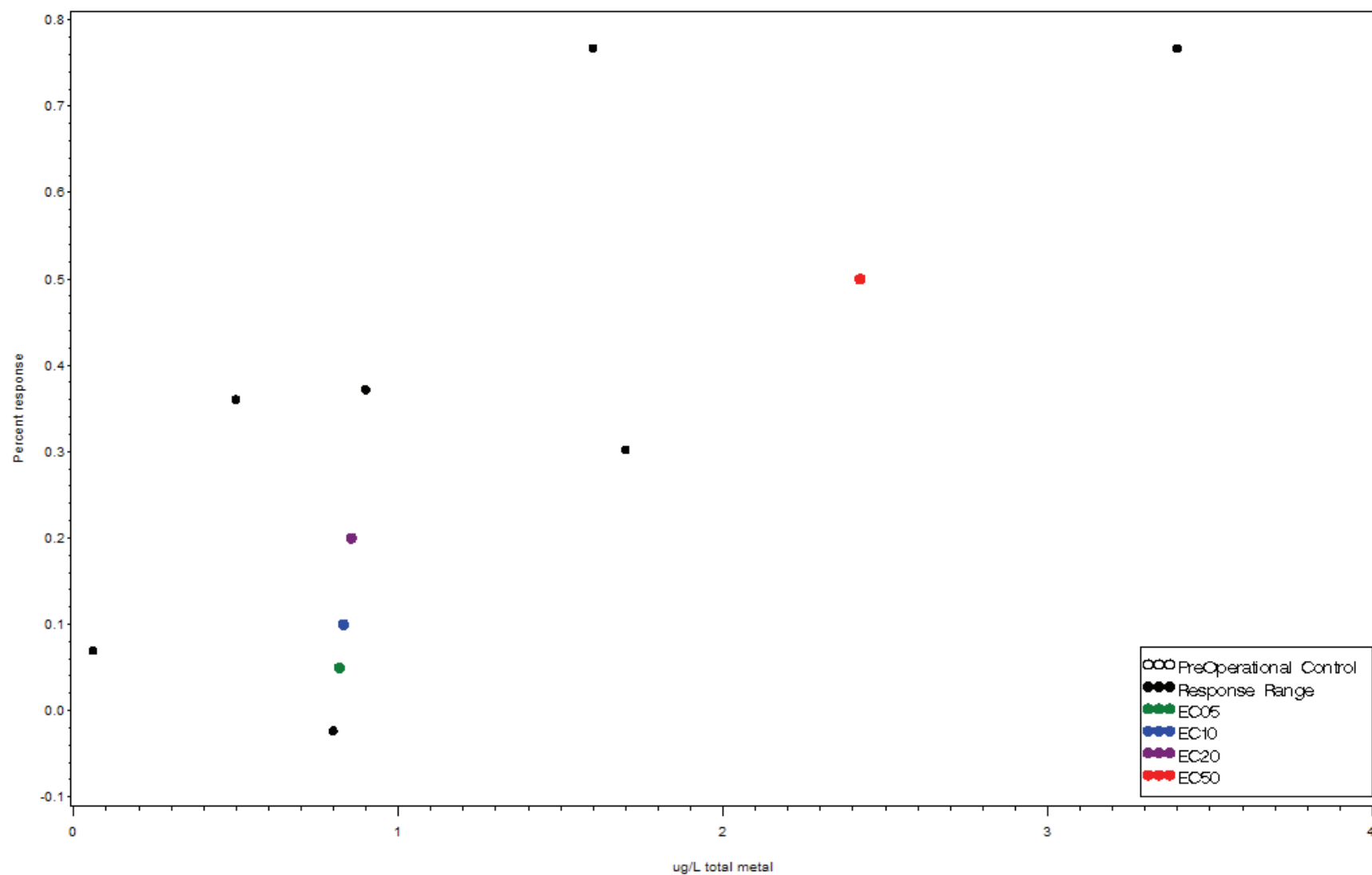
Growth over generations in *Salvelinus fontinalis* exposed to 0.06-3.4 ug/L Cadmium
 Test 47-7, Benoit et al., 1976
 EC05= 1.861 EC10= 2.022 EC20= 2.344 EC50= 3.311



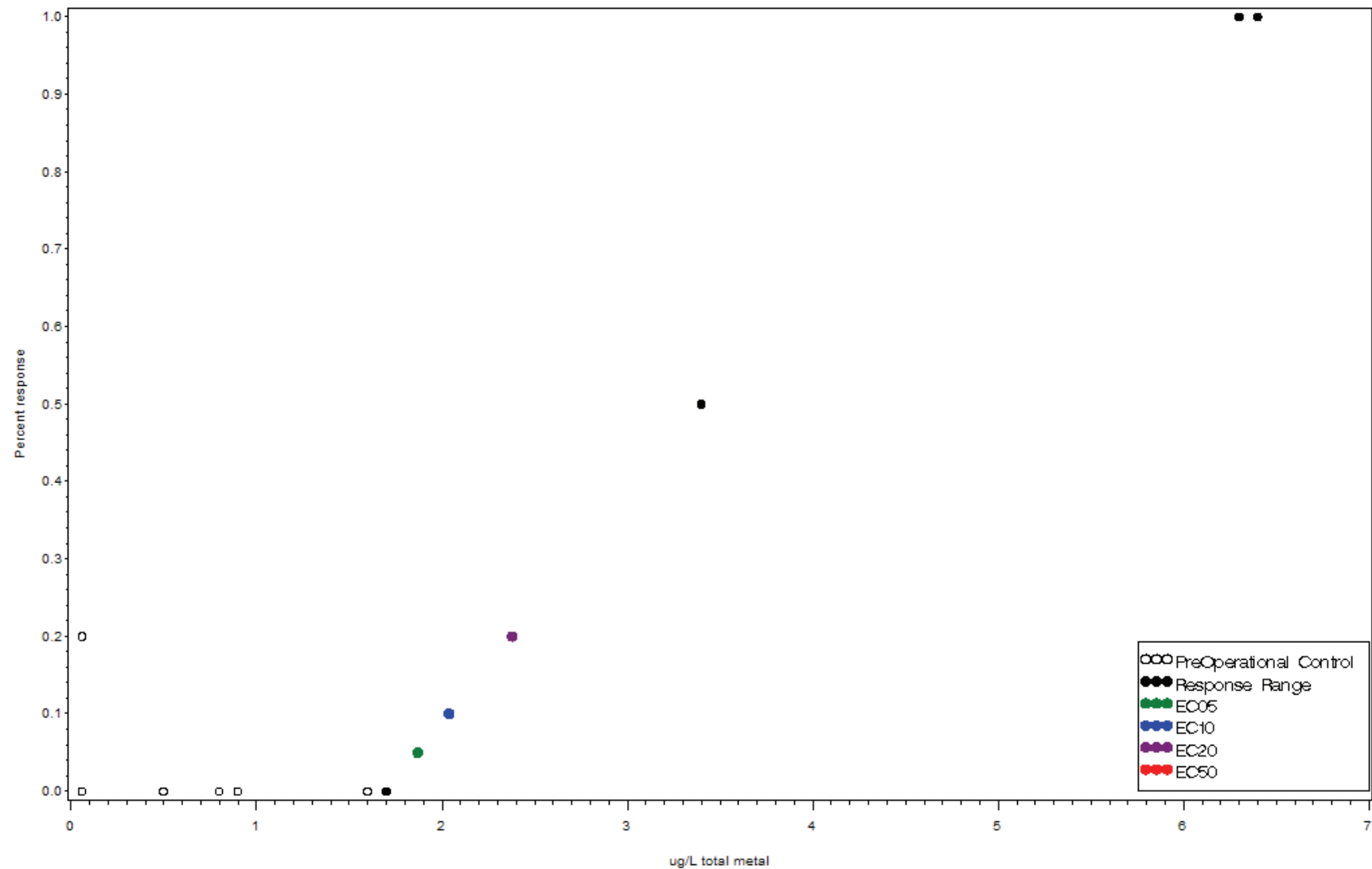
Reproduction over generat in *Salvelinus fontinalis* exposed to 0.06-3.4 ug/L Cadmium
Test 47-3, Benoit et al., 1976
EC05= . EC10= . EC20= 1.019 EC50= 1.847



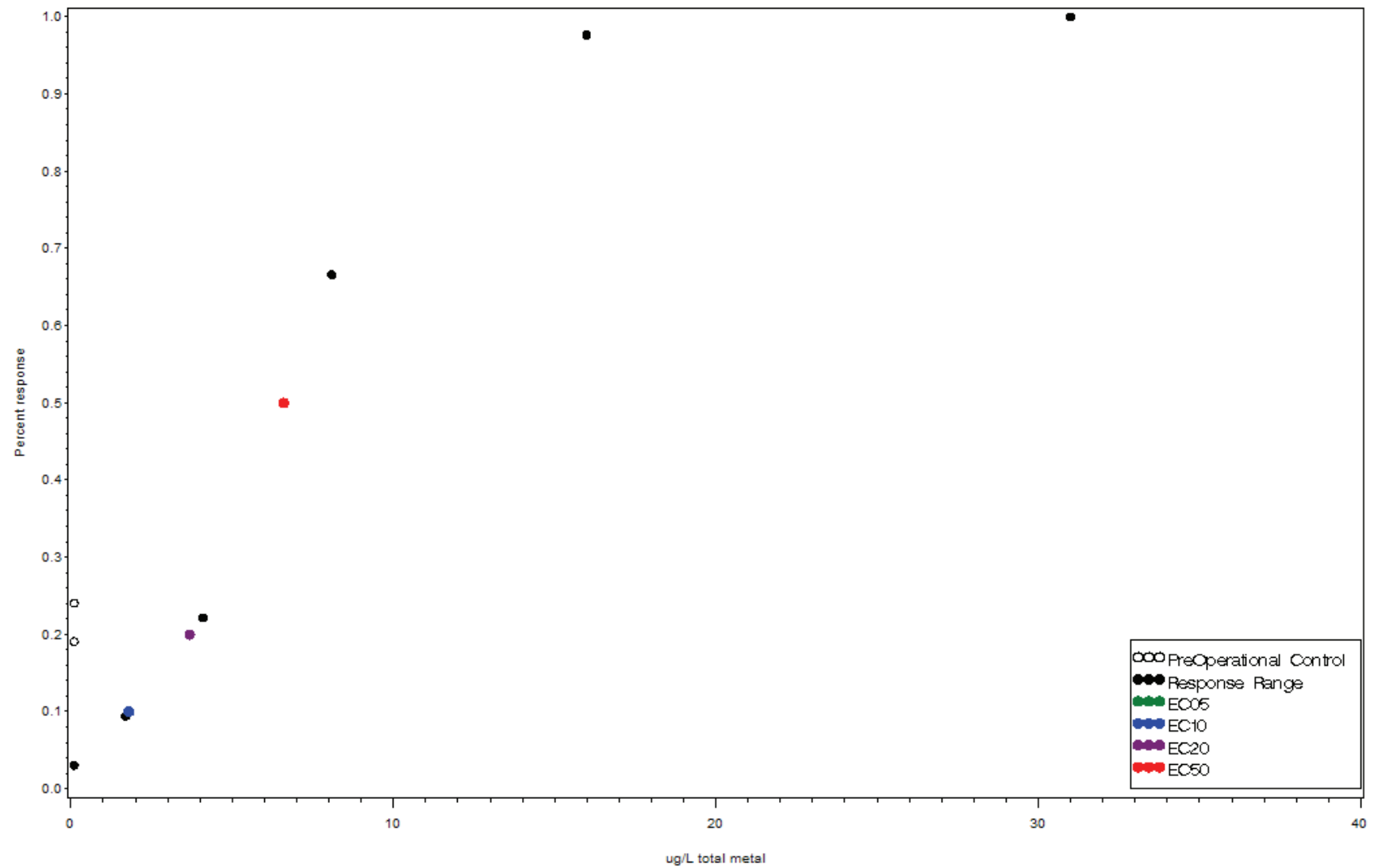
Reproduction over generat in *Salvelinus fontinalis* exposed to 0.06-3.4 ug/L Cadmium
 Test 47-2, Benoit et al., 1976
 EC05= 0.819 EC10= 0.831 EC20= 0.856 EC50= 2.423



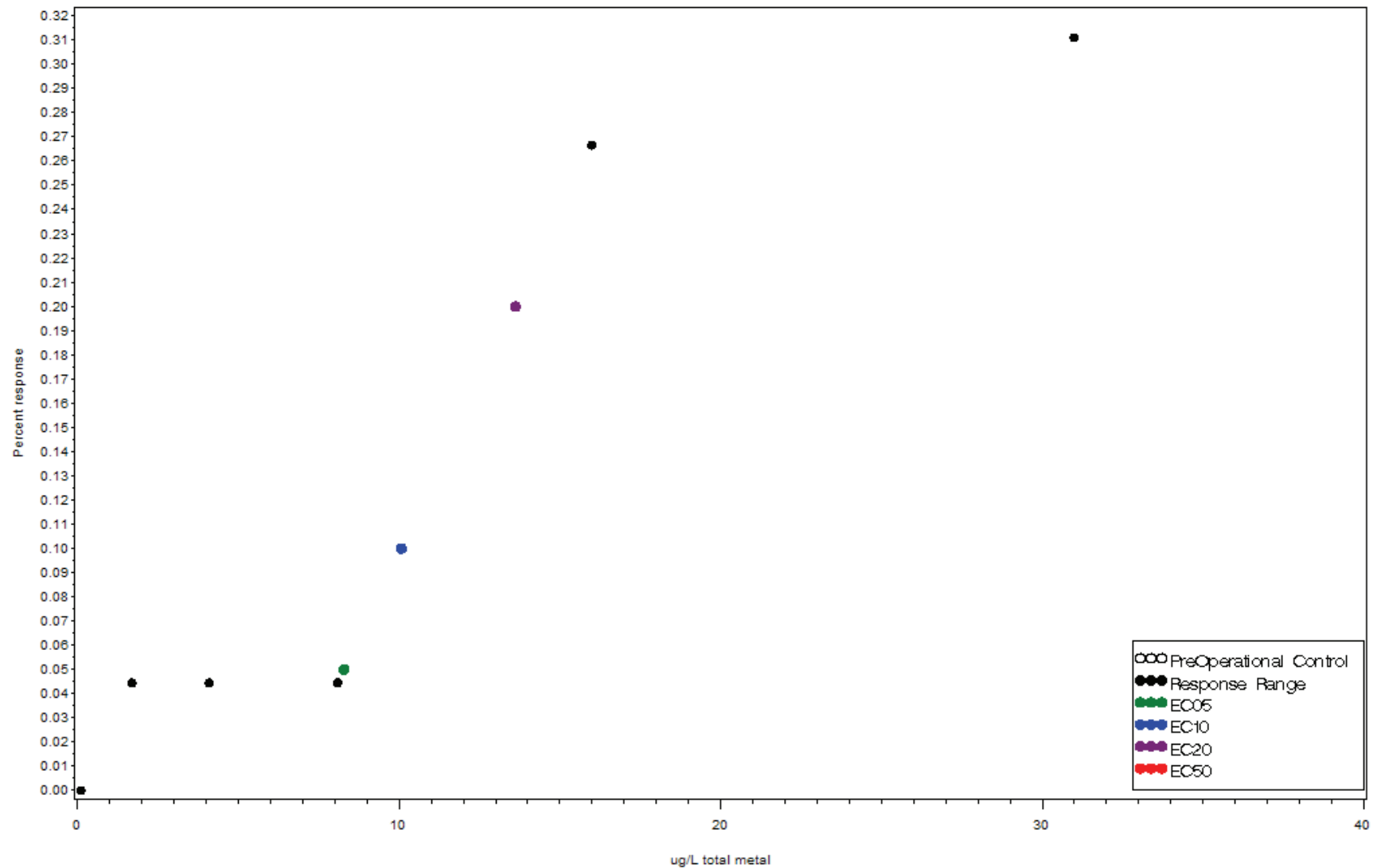
Survival over generations in *Salvelinus fontinalis* exposed to 0.06-6.4 ug/L Cadmium
 Test 47-1, Benoit et al., 1976
 EC05= 1.87 EC10= 2.04 EC20= 2.38 EC50= .



Reproduction in *Jordanella floridae* exposed to 0.11-31 ug/L Cadmium
 Test 46-3, Spehar, 1976
 EC05= . EC10= 1.807 EC20= 3.691 EC50= 6.604



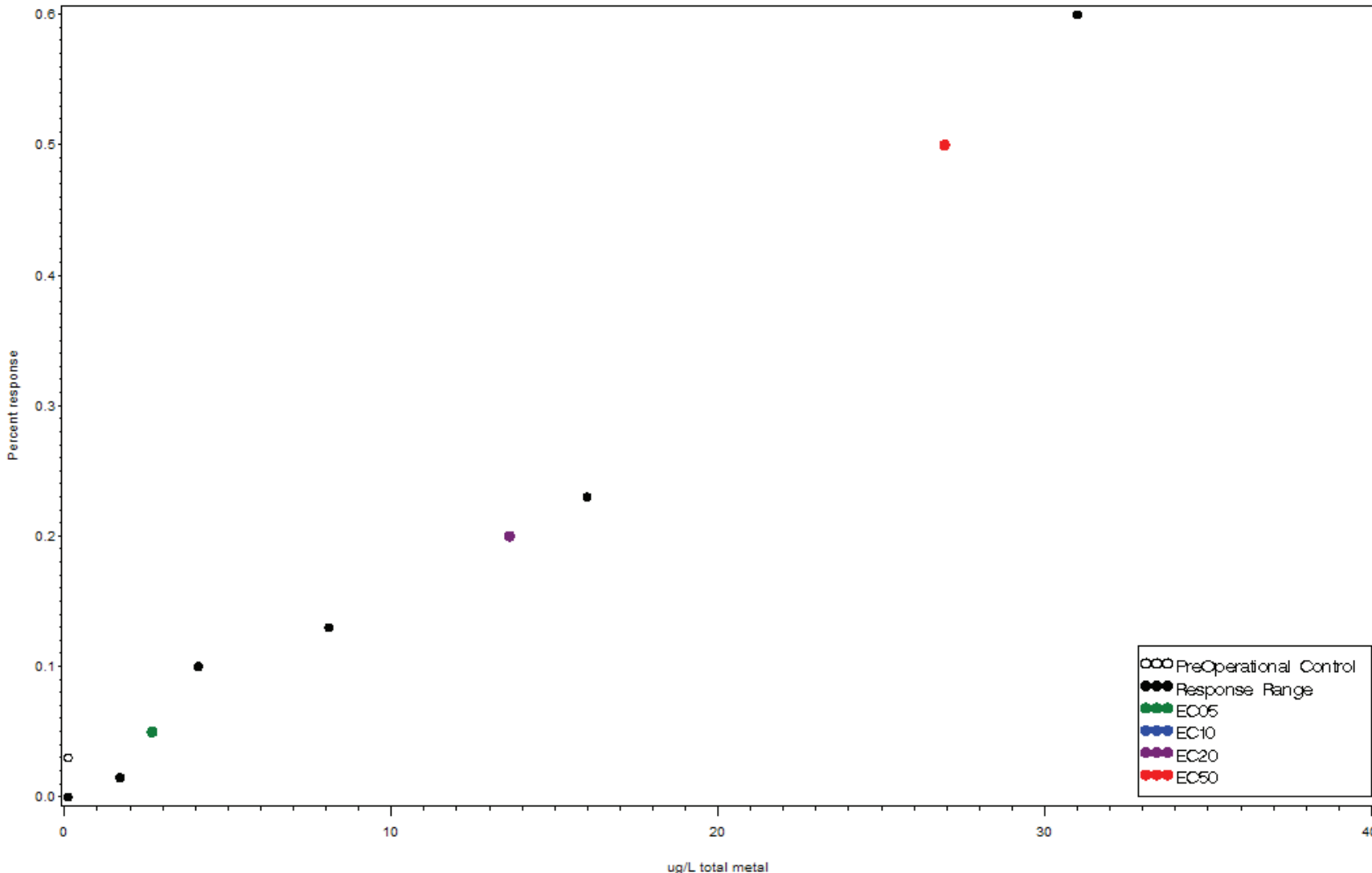
Growth in *Jordanella floridae* exposed to 0.11-31 ug/L Cadmium
 Test 46-2, Spehar, 1976
 EC05= 8.298 EC10= 10.075 EC20= 13.63 EC50= .



Survival in *Jordanella floridae* exposed to 0.11-31 ug/L Cadmium

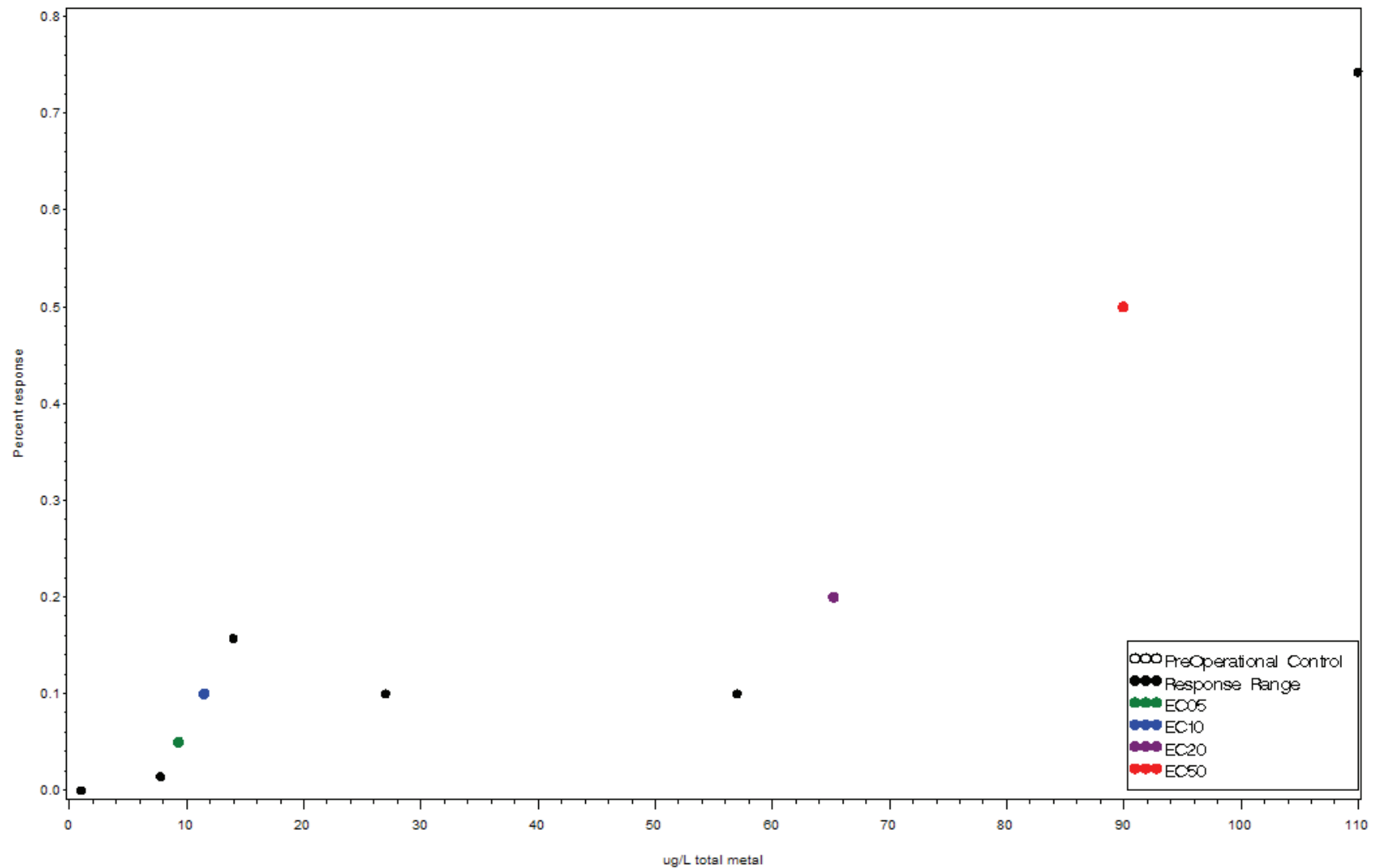
Test 46-1, Spehar, 1976

EC05= 2.688 EC10= . EC20= 13.63 EC50= 26.946

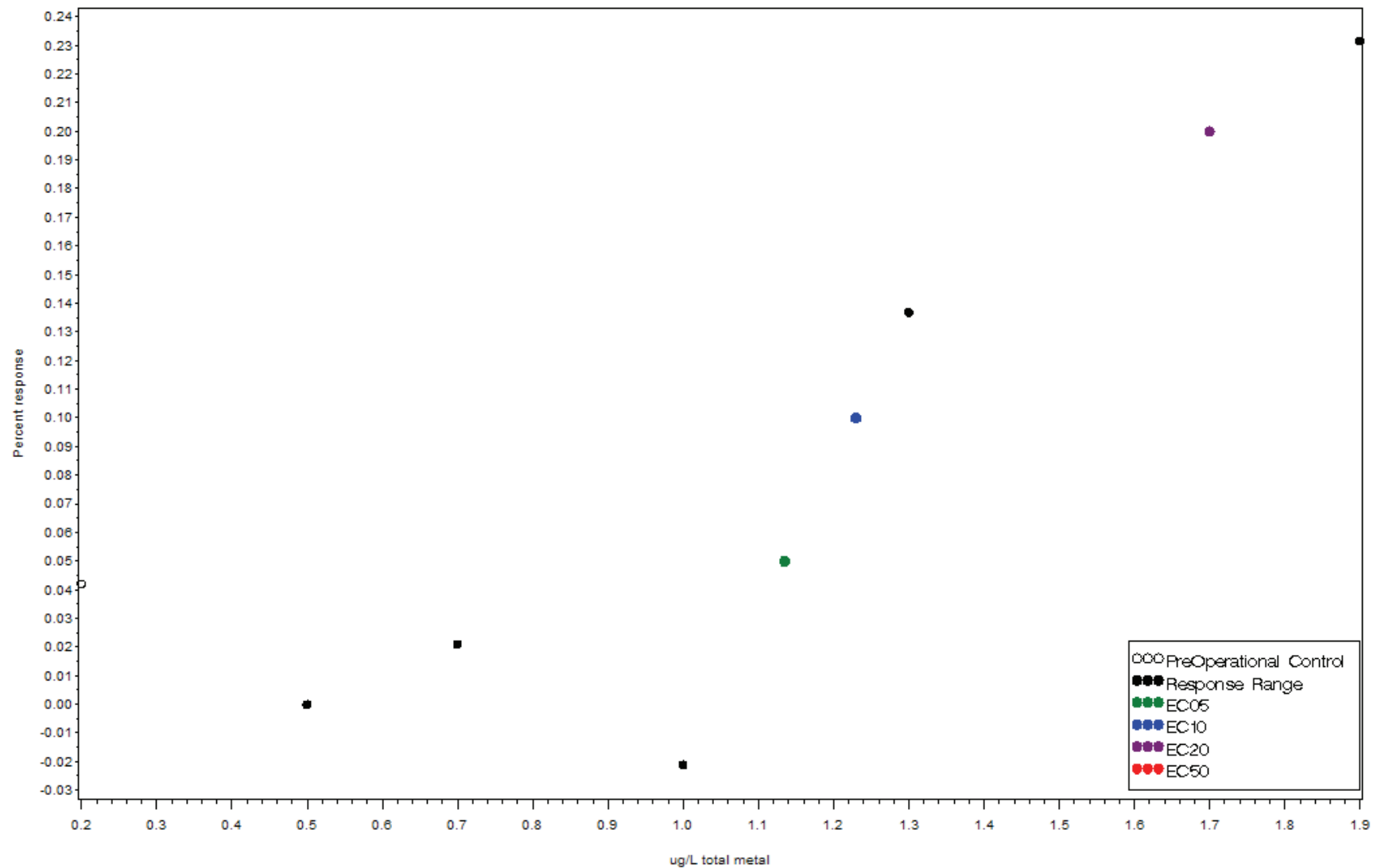


K-90

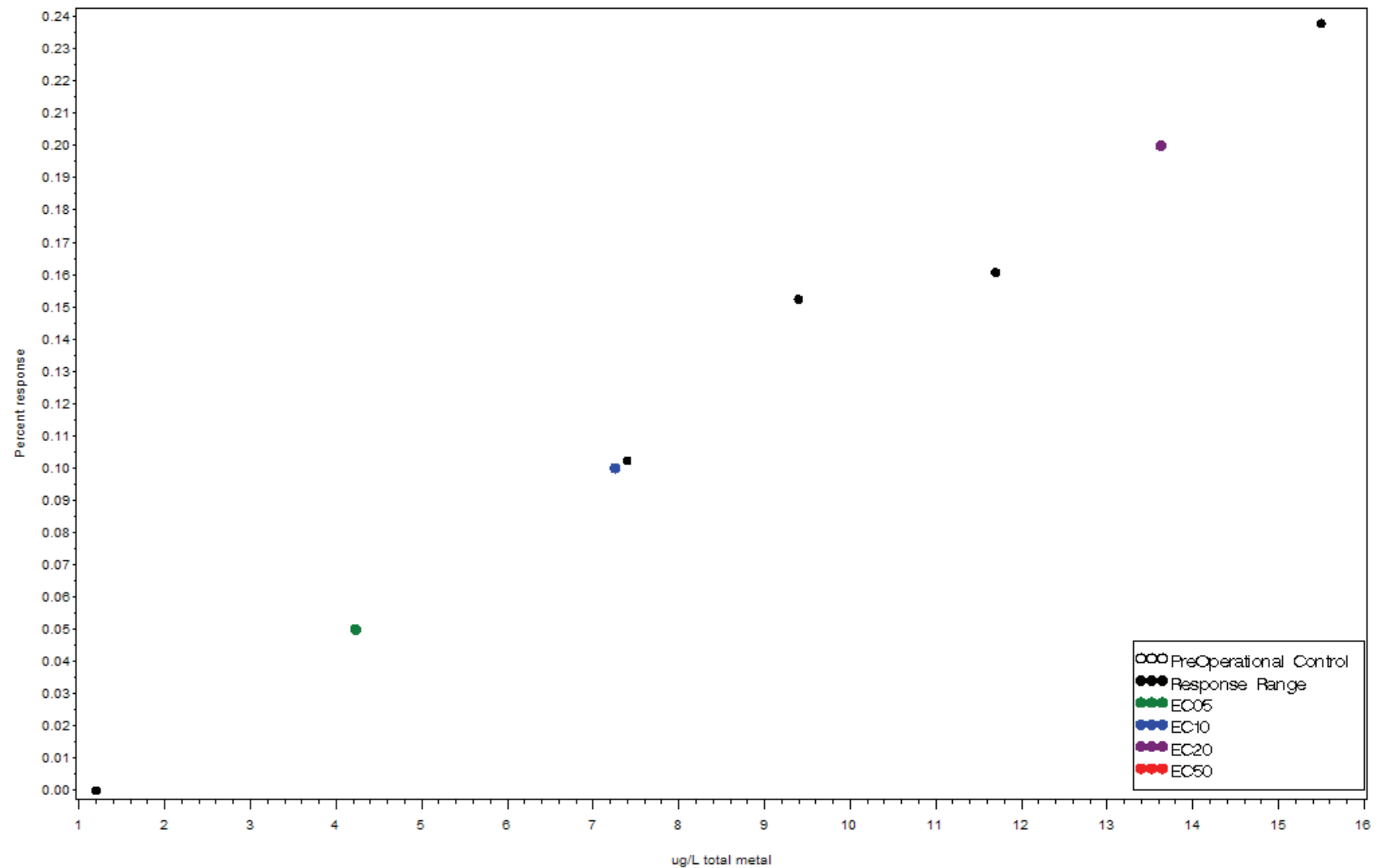
Survival in *Pimephales promelas* exposed to 1-110 ug/L Cadmium
Test 45-1, Pickering and Gast, 1972
EC05= 9.35 EC10= 11.52 EC20= 65.244 EC50= 89.978



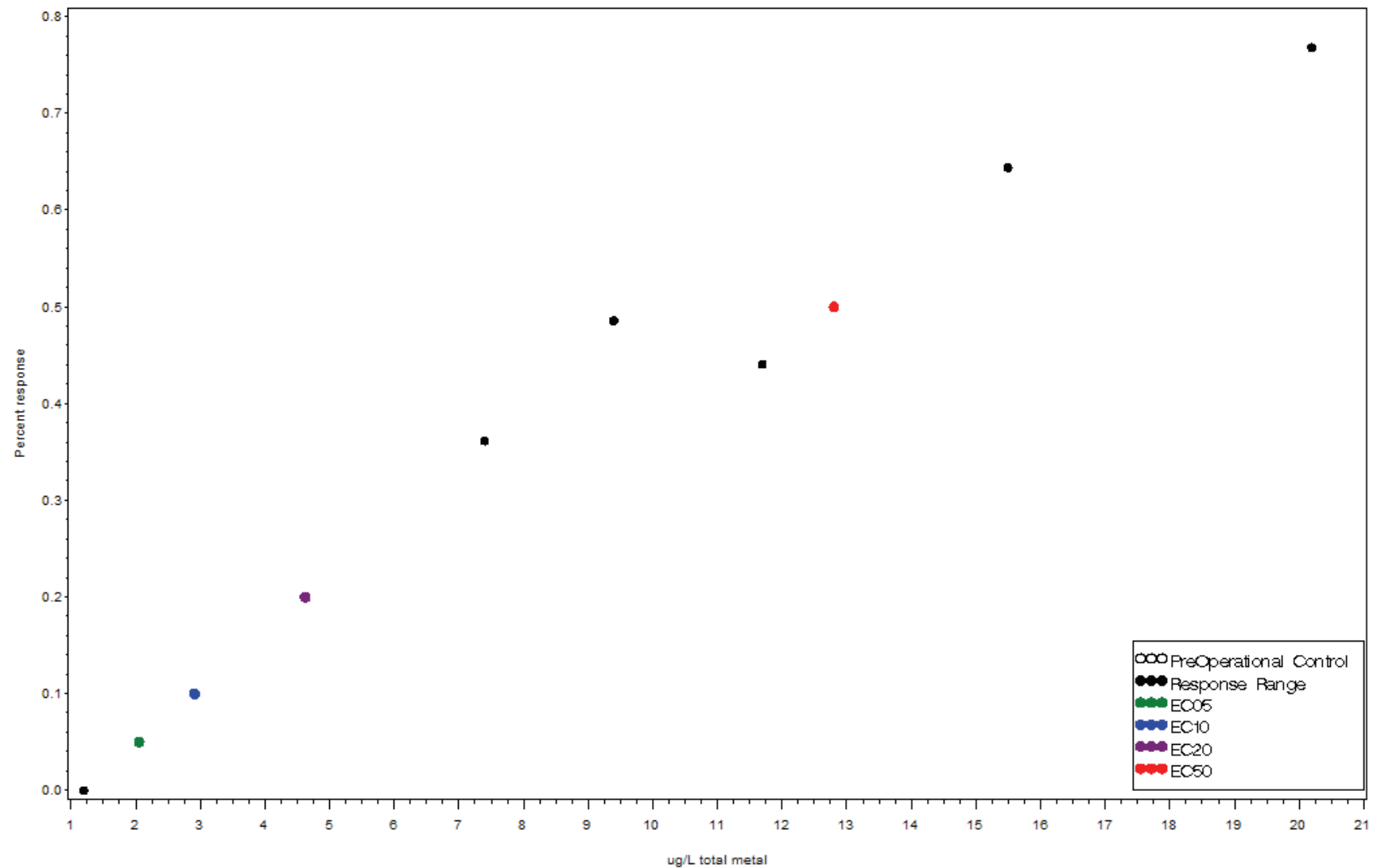
Survival in *Oncorhynchus tshawytscha* exposed to 0.2-1.9 ug/L Cadmium
 Test 44-1, Chapman, 1975, 1982
 EC05= 1.135 EC10= 1.23 EC20= 1.7 EC50= .



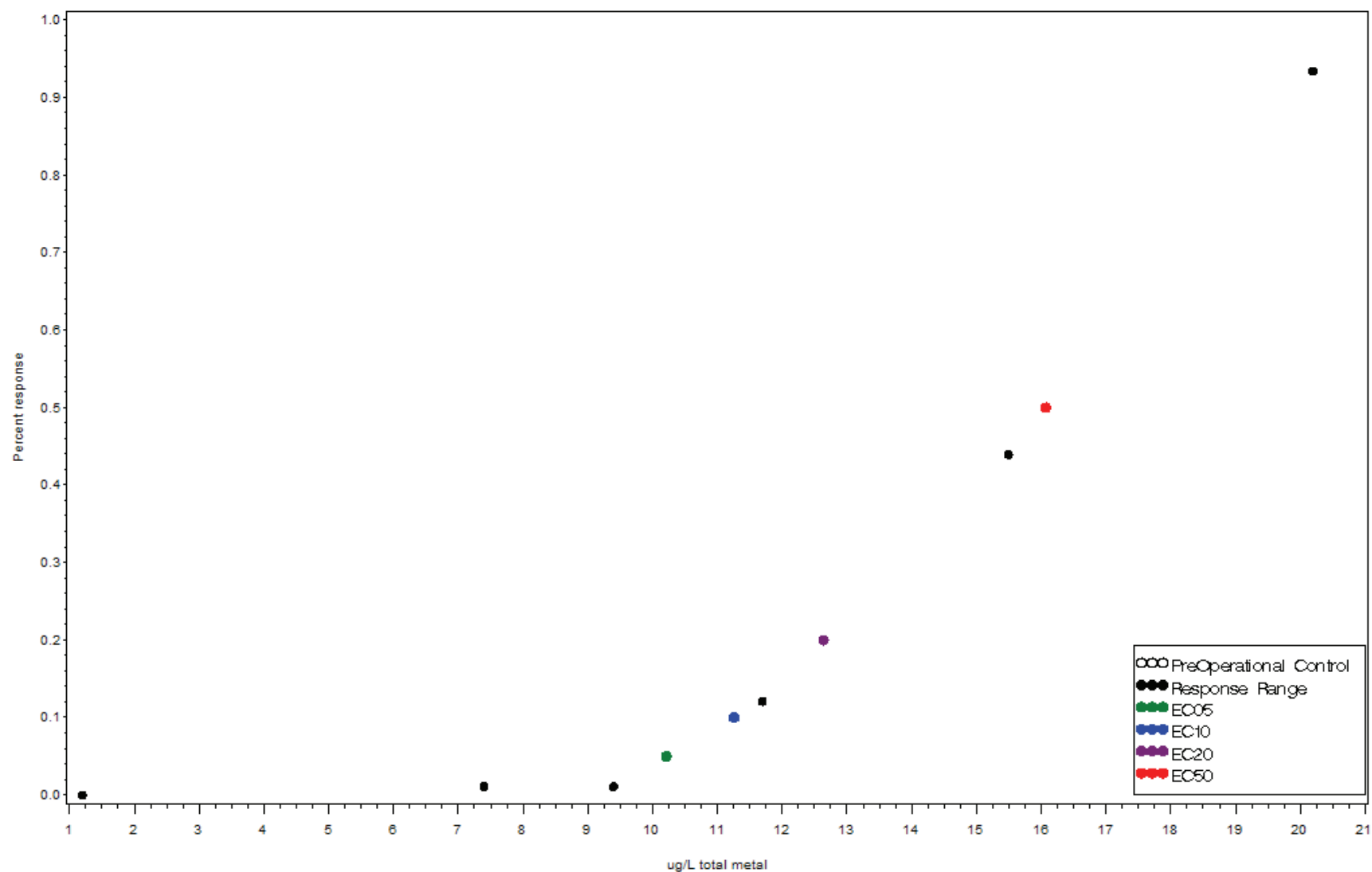
Growth in *Oncorhynchus tshawytscha* exposed to 1.2-15.5 ug/L Copper
 Test 43-3, Chapman, 1982/1975
 EC05= 4.23 EC10= 7.261 EC20= 13.631 EC50= .



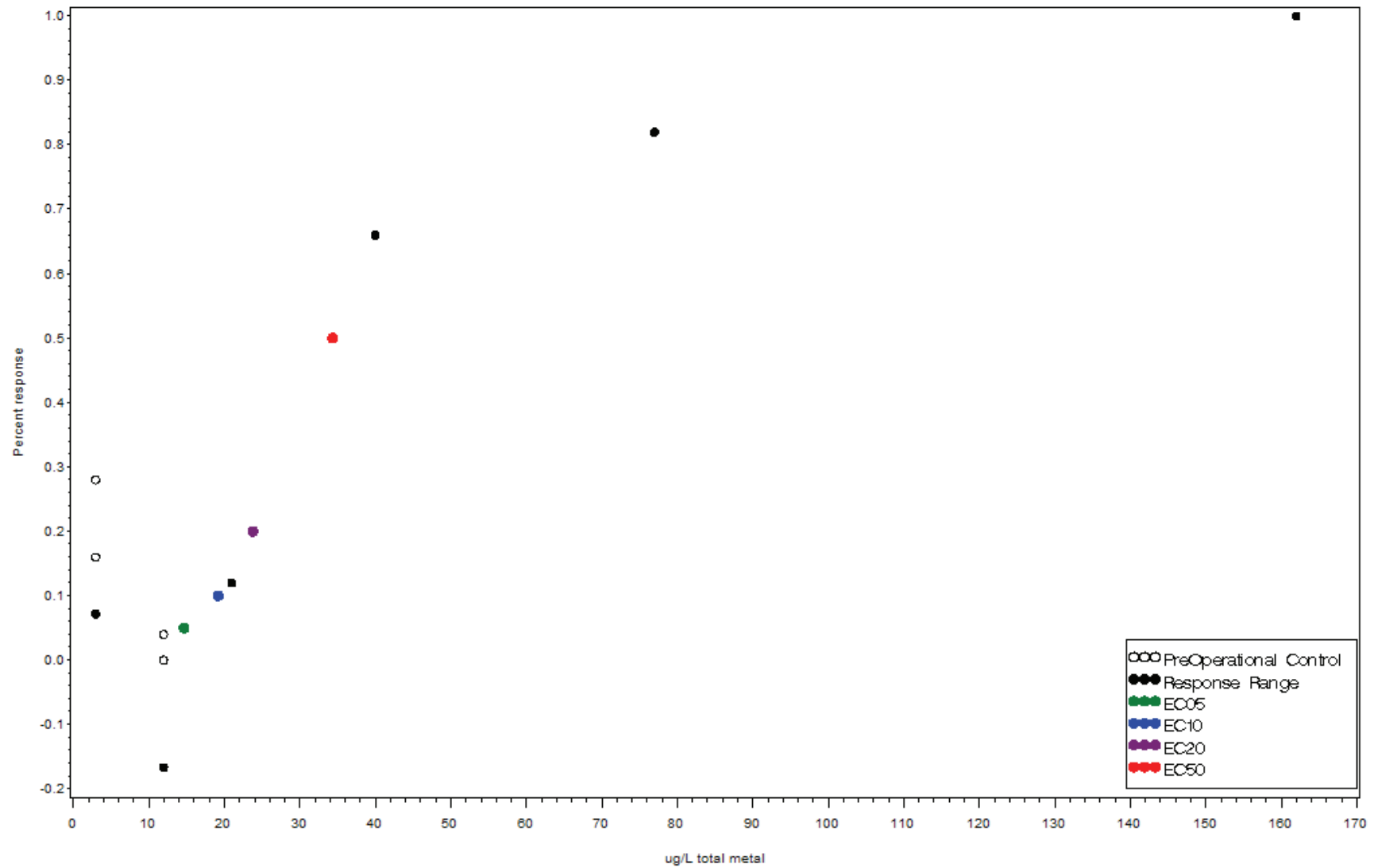
Growth in *Oncorhynchus tshawytscha* exposed to 1.2-20.2 ug/L Copper
 Test 43-2, Chapman, 1982/1975
 EC05= 2.057 EC10= 2.915 EC20= 4.629 EC50= 12.808



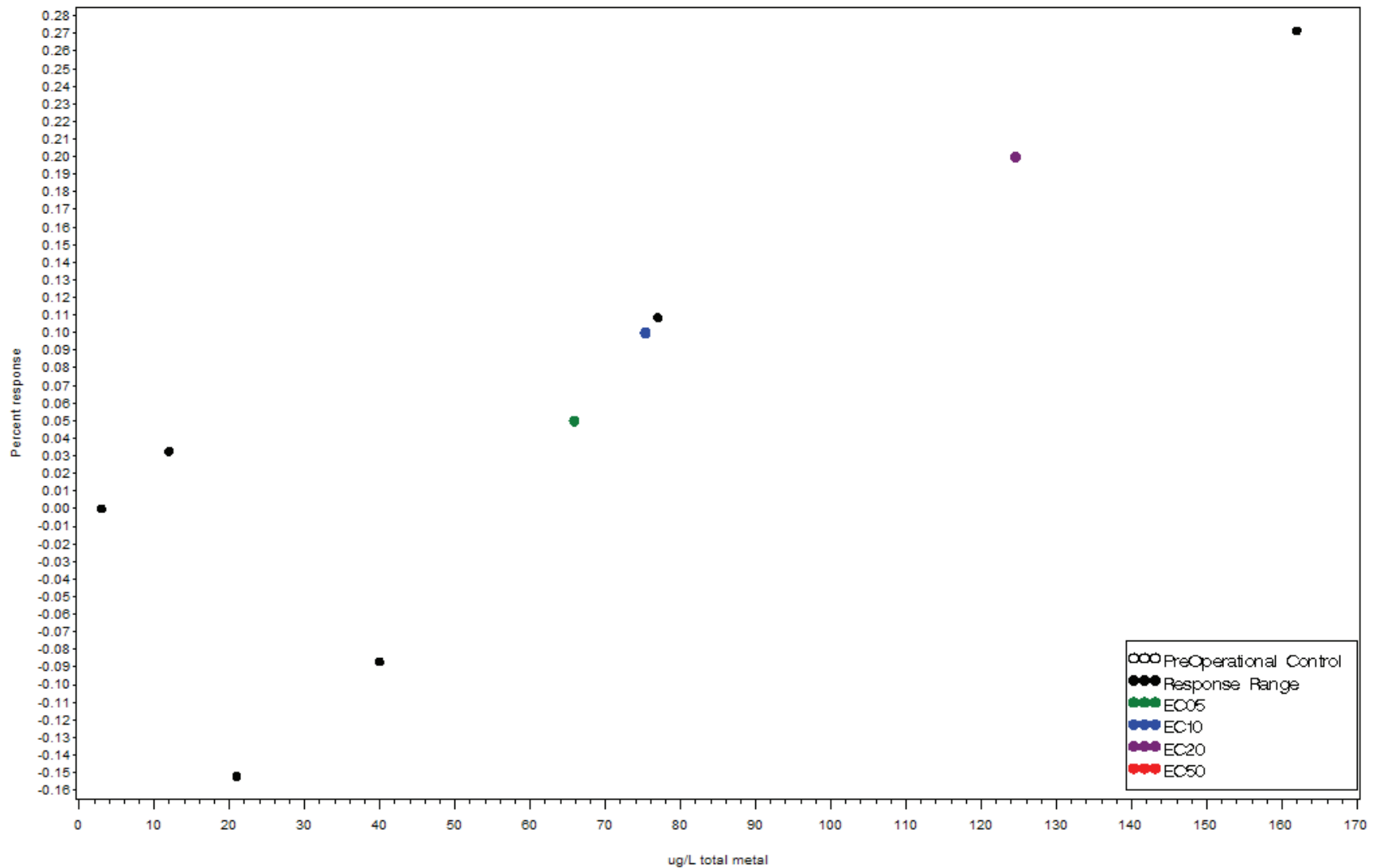
Survival in *Oncorhynchus tshawytscha* exposed to 1.2-20.2 ug/L Copper
Test 43-1, Chapman, 1982/1975
EC05= 10.217 EC10= 11.263 EC20= 12.643 EC50= 16.074



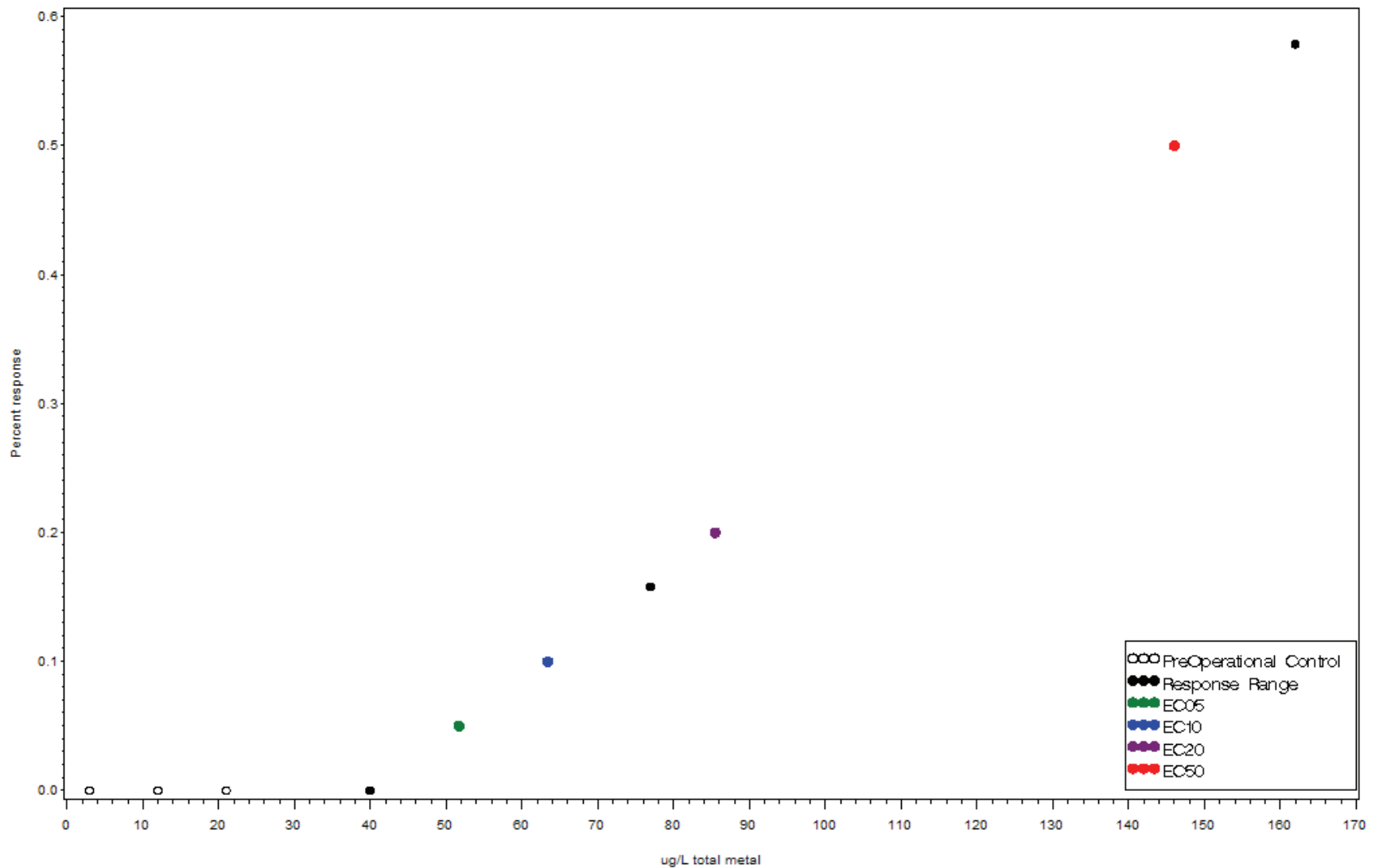
Survival in *Lepomis macrochirus* exposed to 3-162 ug/L Copper
 Test 42-5, Benoit, 1975
 EC05= 14.7 EC10= 19.2 EC20= 23.815 EC50= 34.37



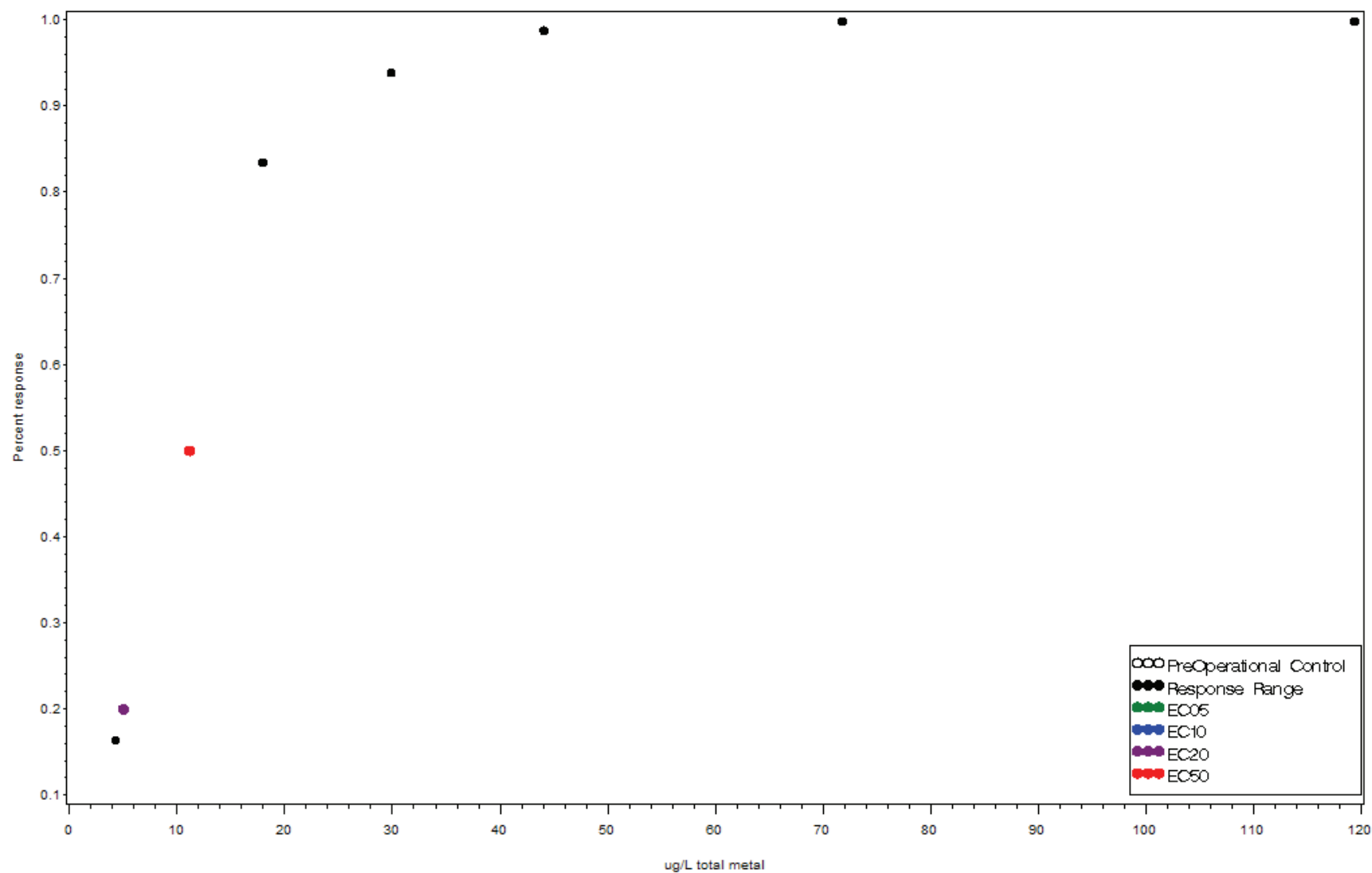
Growth in *Lepomis macrochirus* exposed to 3-162 ug/L Copper
 Test 42-2, Benoit, 1975
 EC05= 65.9 EC10= 75.356 EC20= 124.6 EC50= .



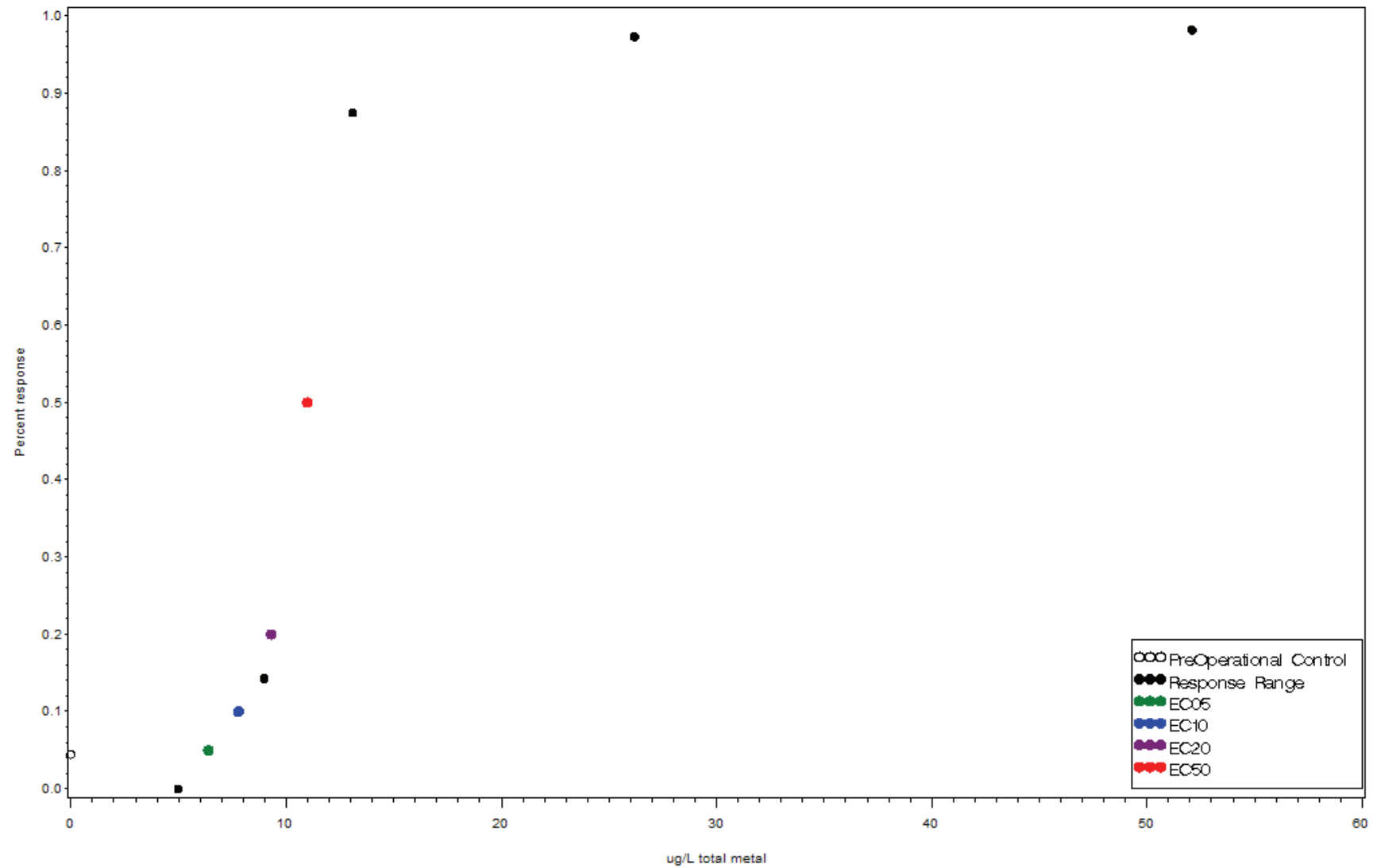
Survival in *Lepomis macrochirus* exposed to 3-162 ug/L Copper
Test 42-1, Benoit, 1975
EC05= 51.717 EC10= 63.433 EC20= 85.5 EC50= 146.063



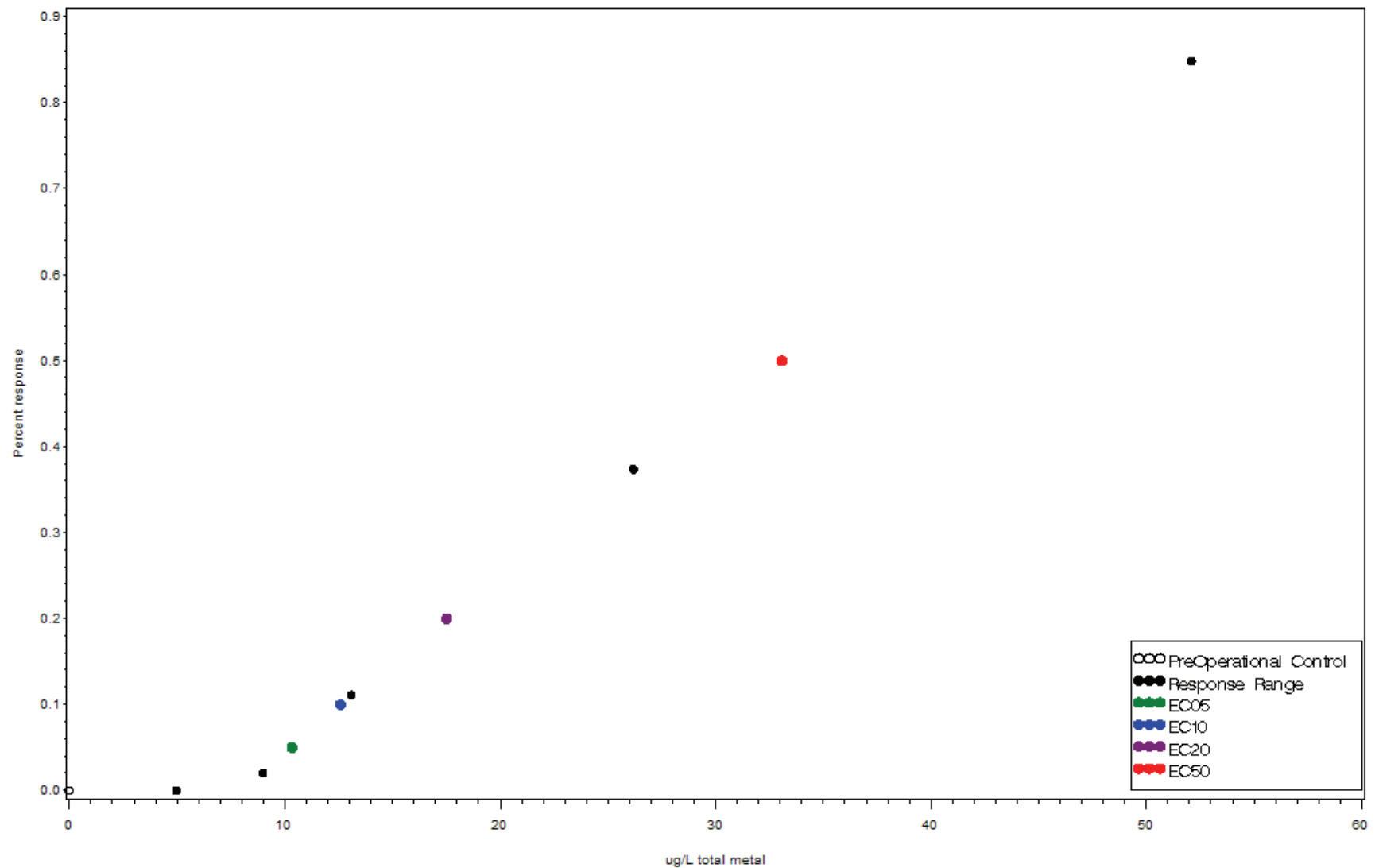
Reproduction in *Pimephales notatus* exposed to 4.3-119.4 ug/L Copper
Test 41-2, Horning & Neiheisel, 1979
EC05= . EC10= . EC20= 5.036 EC50= 11.164



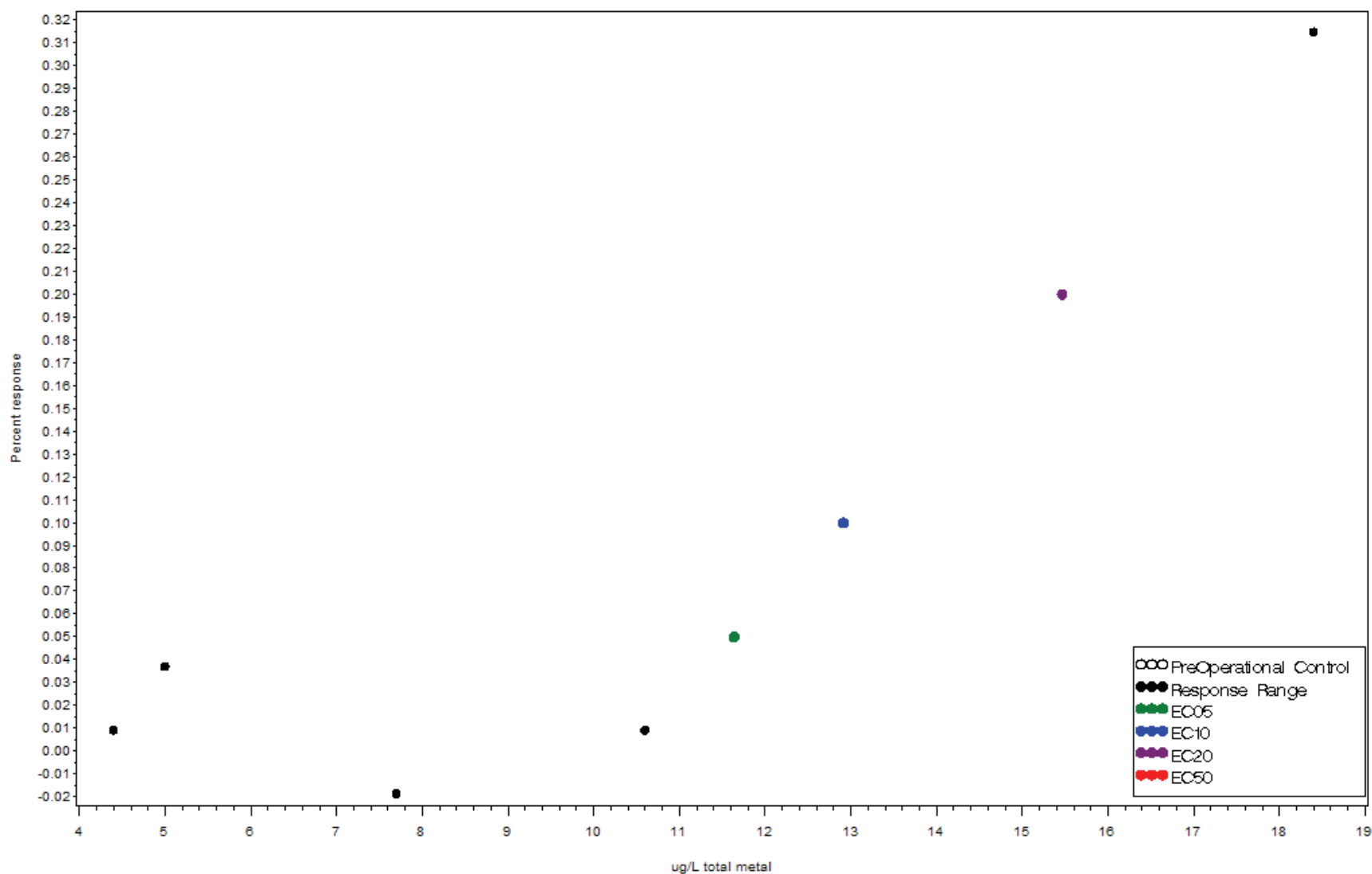
Growth in *Pimephales promelas* exposed to 0-52.1 ug/L Copper
 Test 40-2, Lind et al., 1978
 EC05= 6.4 EC10= 7.8 EC20= 9.32 EC50= 11



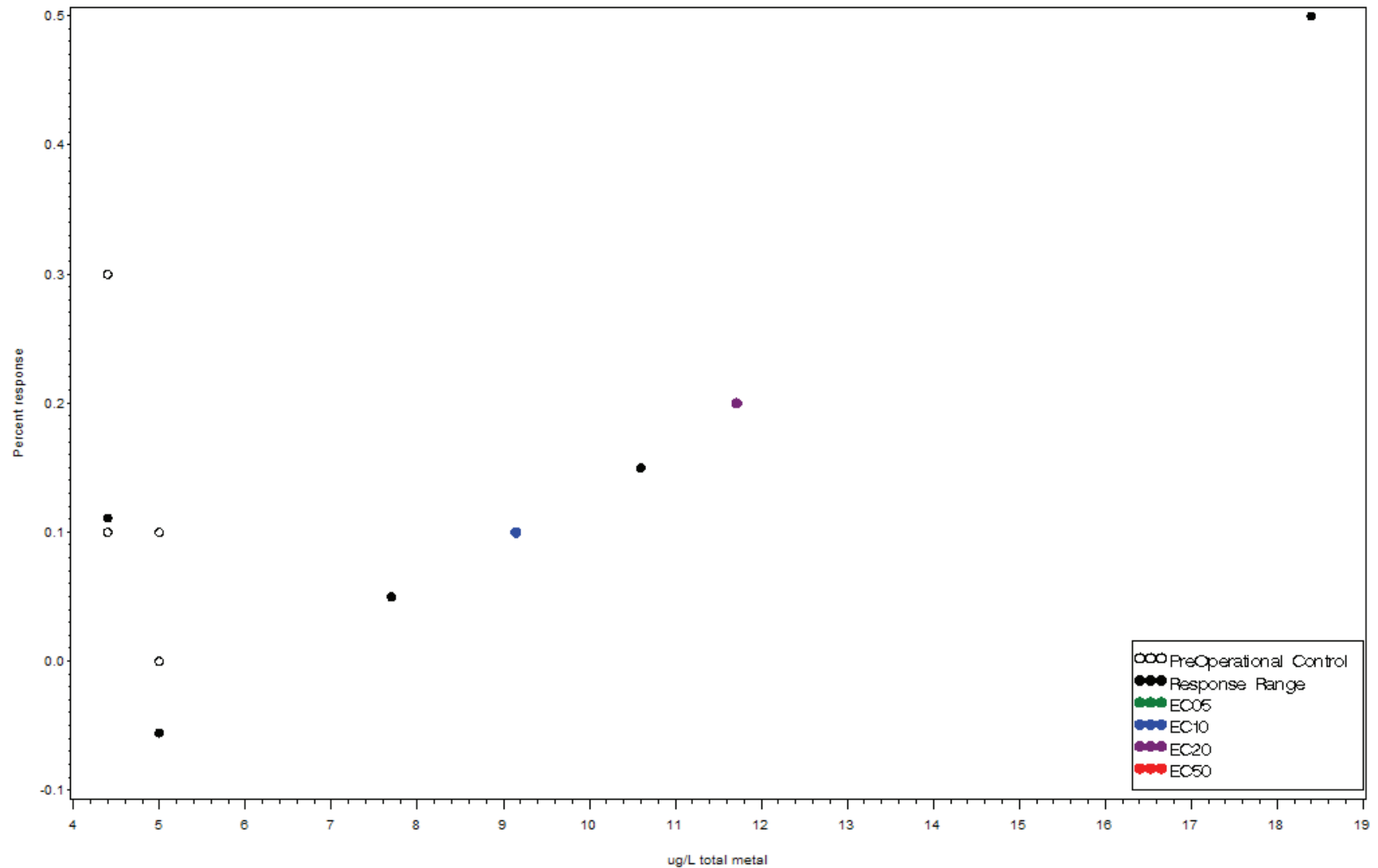
Survival in *Pimephales promelas* exposed to 0-52.1 ug/L Copper
Test 40-1, Lind et al., 1978
EC05= 10.344 EC10= 12.599 EC20= 17.534 EC50= 33.088



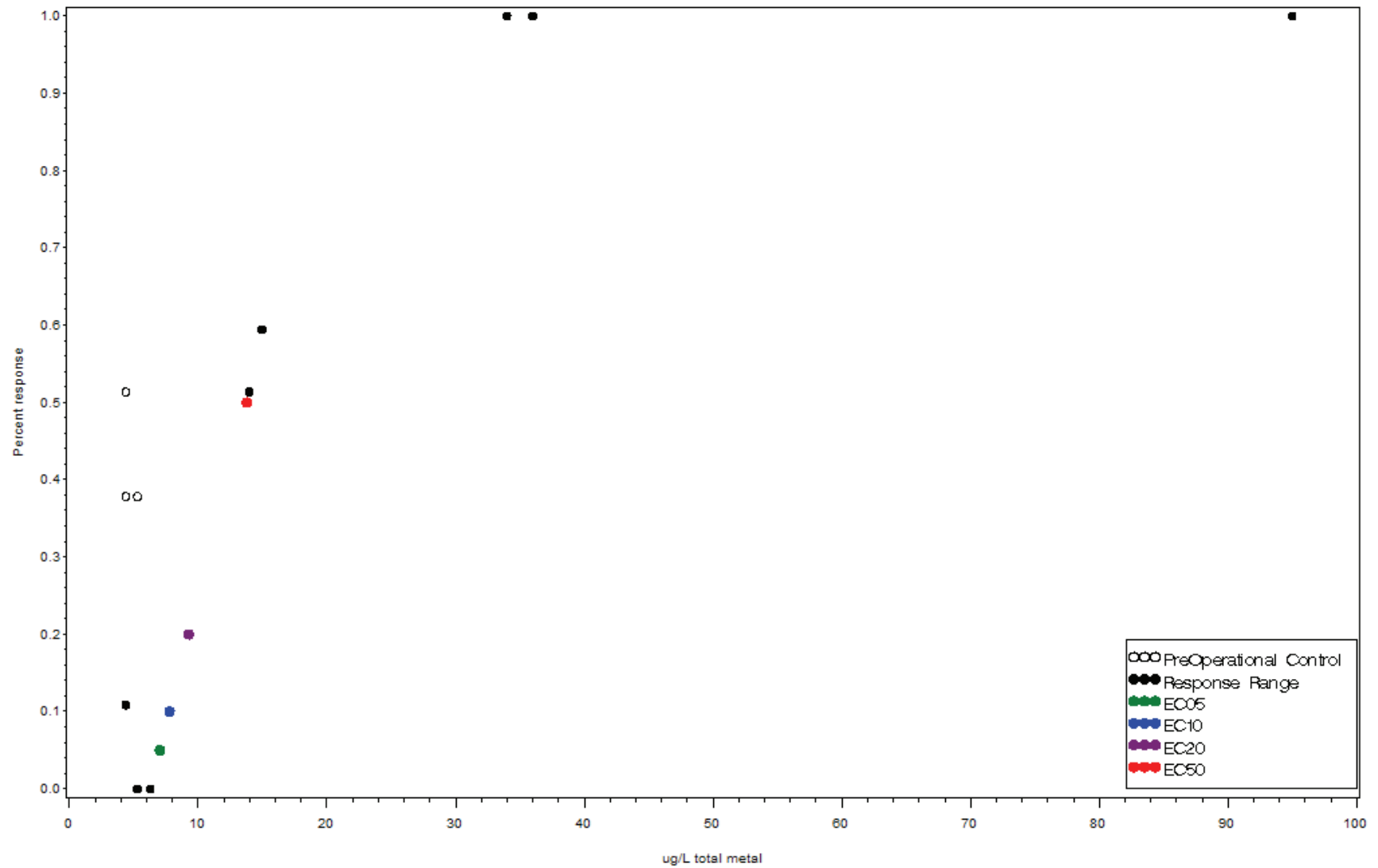
Growth in *Pimephales promelas* exposed to 4.4-18.4 ug/L Copper
 Test 39-2, Mount & Stephen, 1969
 EC05= 11.64 EC10= 12.916 EC20= 15.469 EC50= .



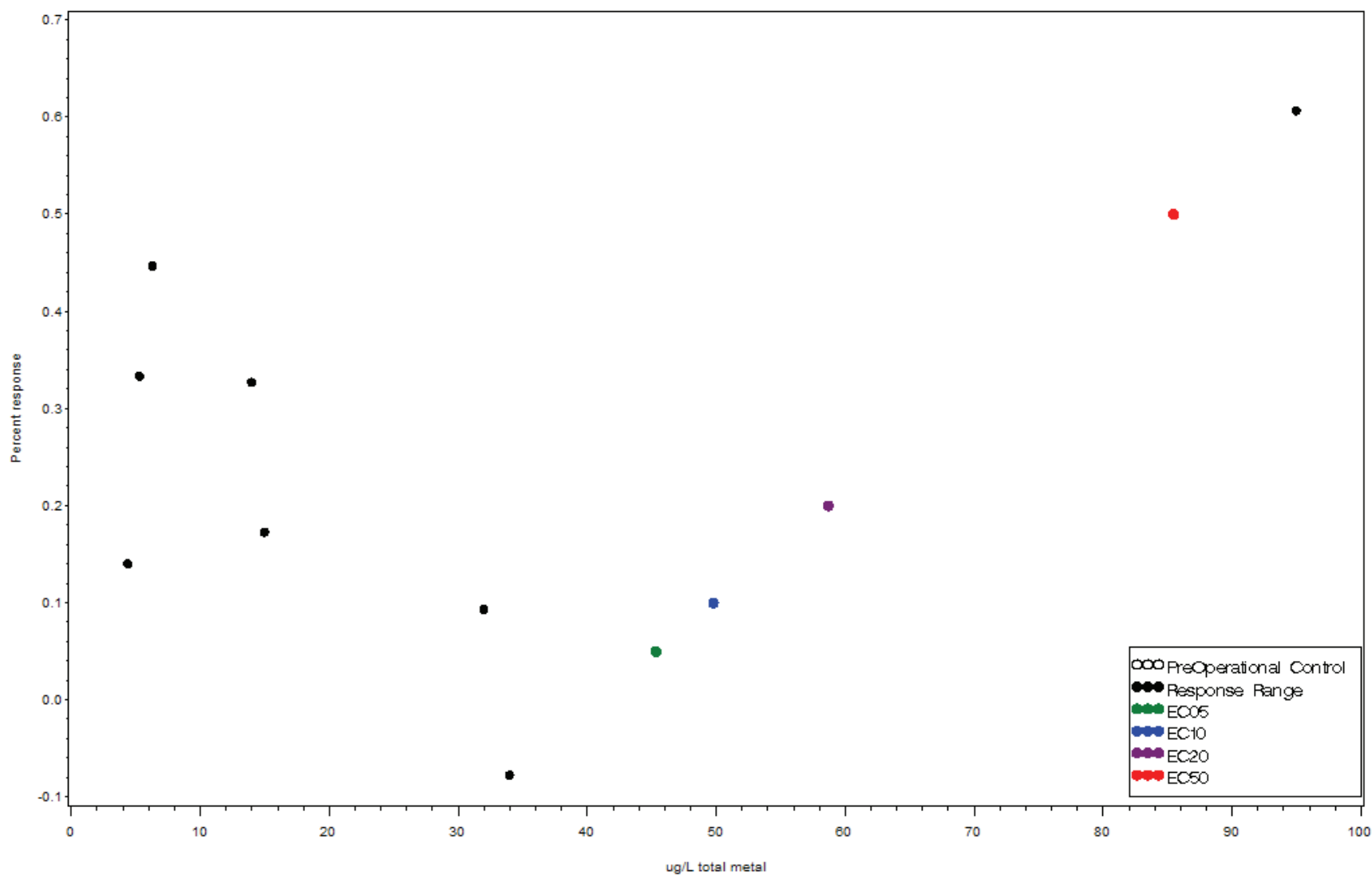
Survival in Pimephales promelas exposed to 4.4-18.4 ug/L Copper
 Test 39-1, Mount & Stephen, 1969
 EC05= . EC10= 9.15 EC20= 11.714 EC50= .



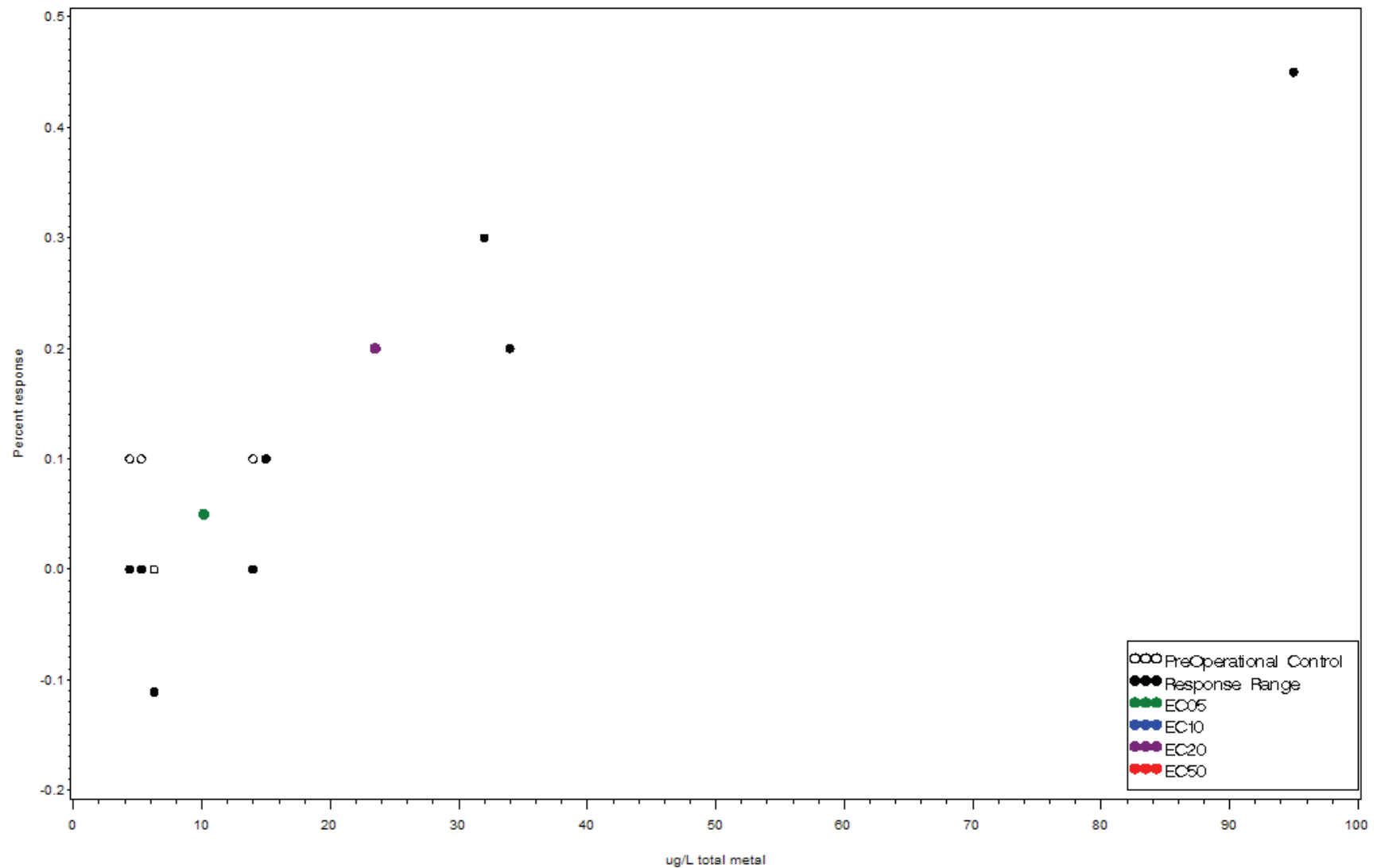
Reproduction in *Pimephales promelas* exposed to 4.4-95 ug/L Copper
 Test 38-3, Mount, 1968
 EC05= 7.05 EC10= 7.799 EC20= 9.299 EC50= 13.797



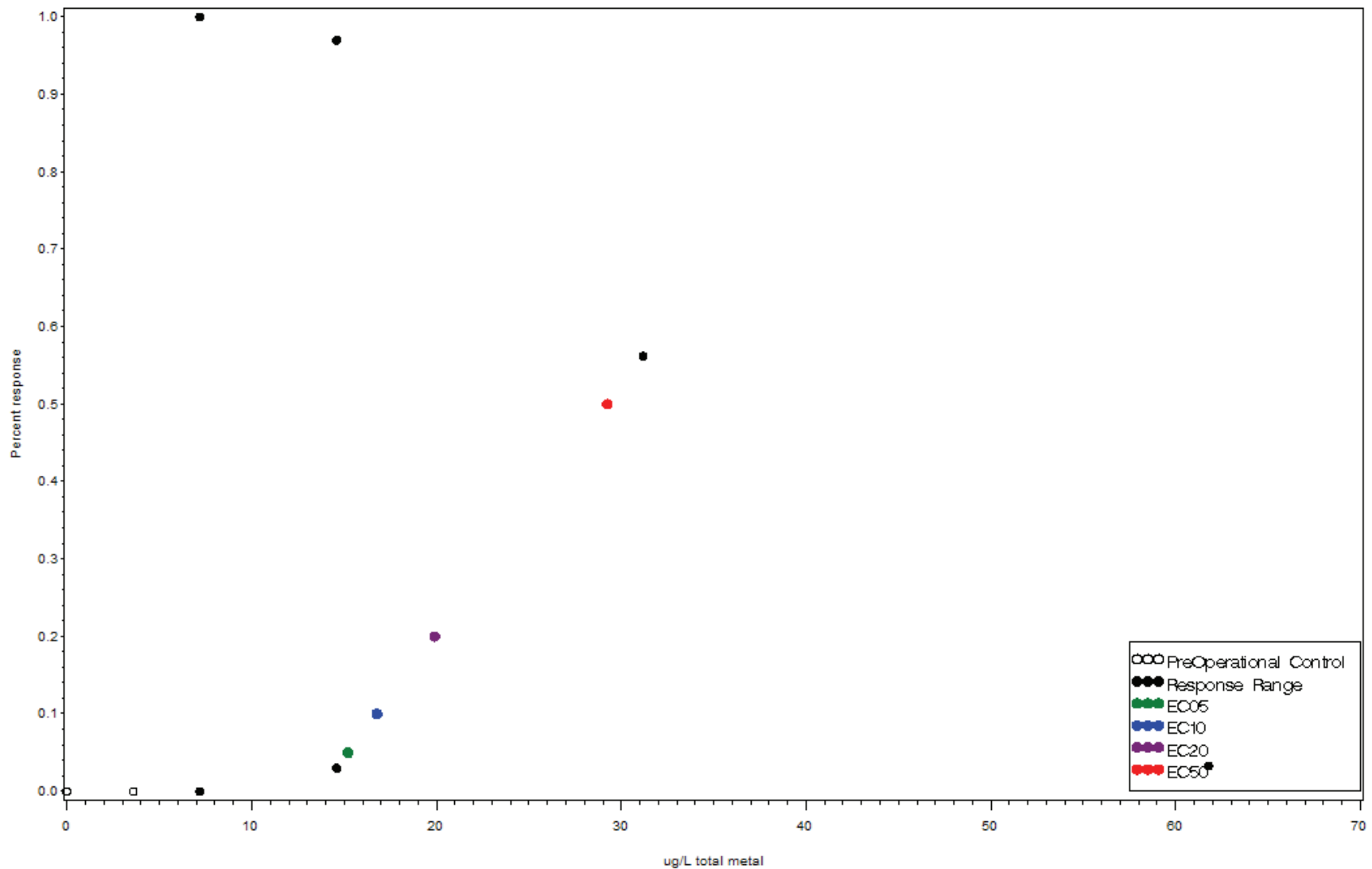
Growth in *Pimephales promelas* exposed to 4.4-95 ug/L Copper
Test 38-2, Mount, 1968
EC05= 45.348 EC10= 49.807 EC20= 58.726 EC50= 85.483



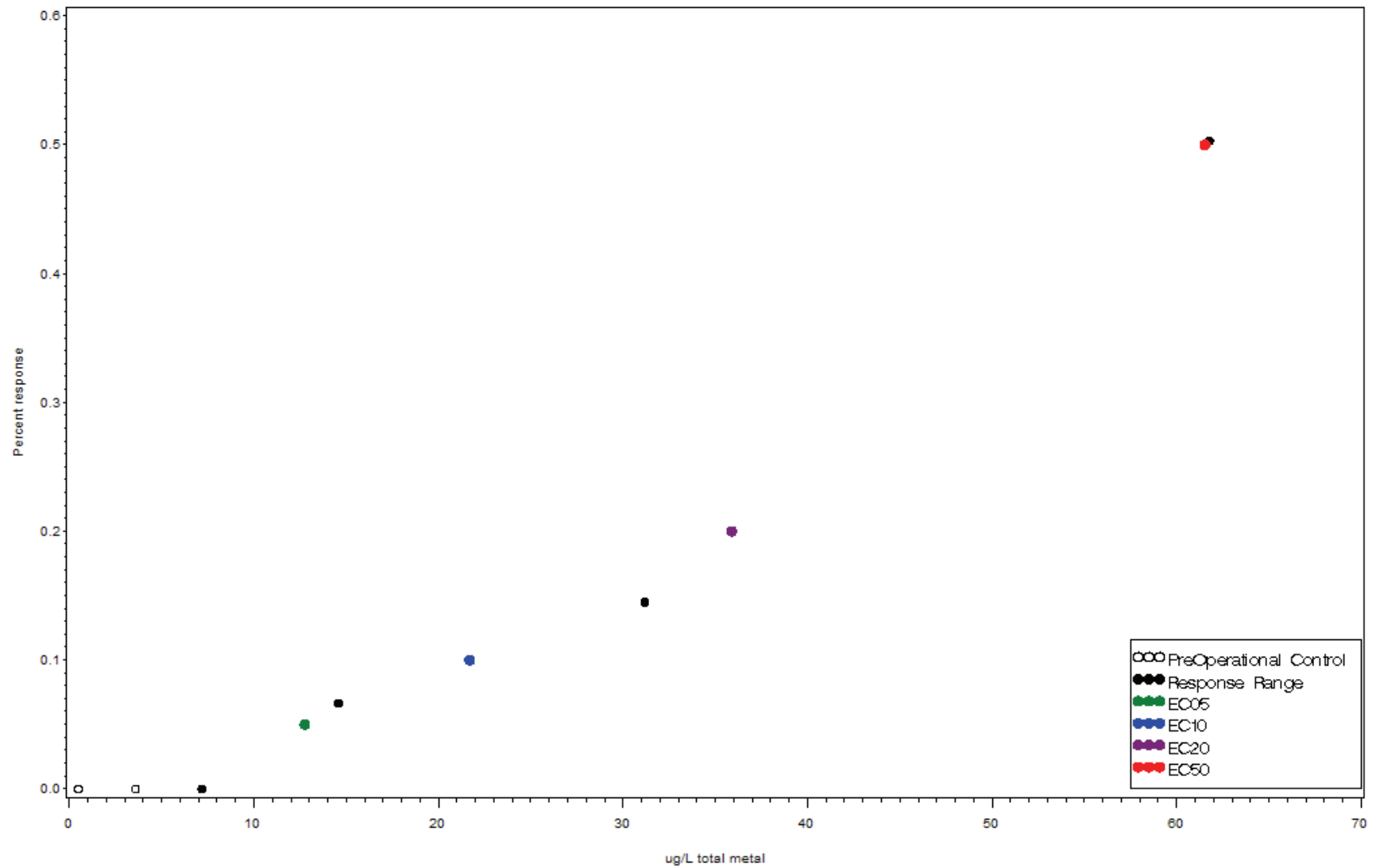
Survival in *Pimephales promelas* exposed to 4.4-95 ug/L Copper
 Test 38-1, Mount, 1968
 EC05= 10.15 EC10= . EC20= 23.5 EC50= .



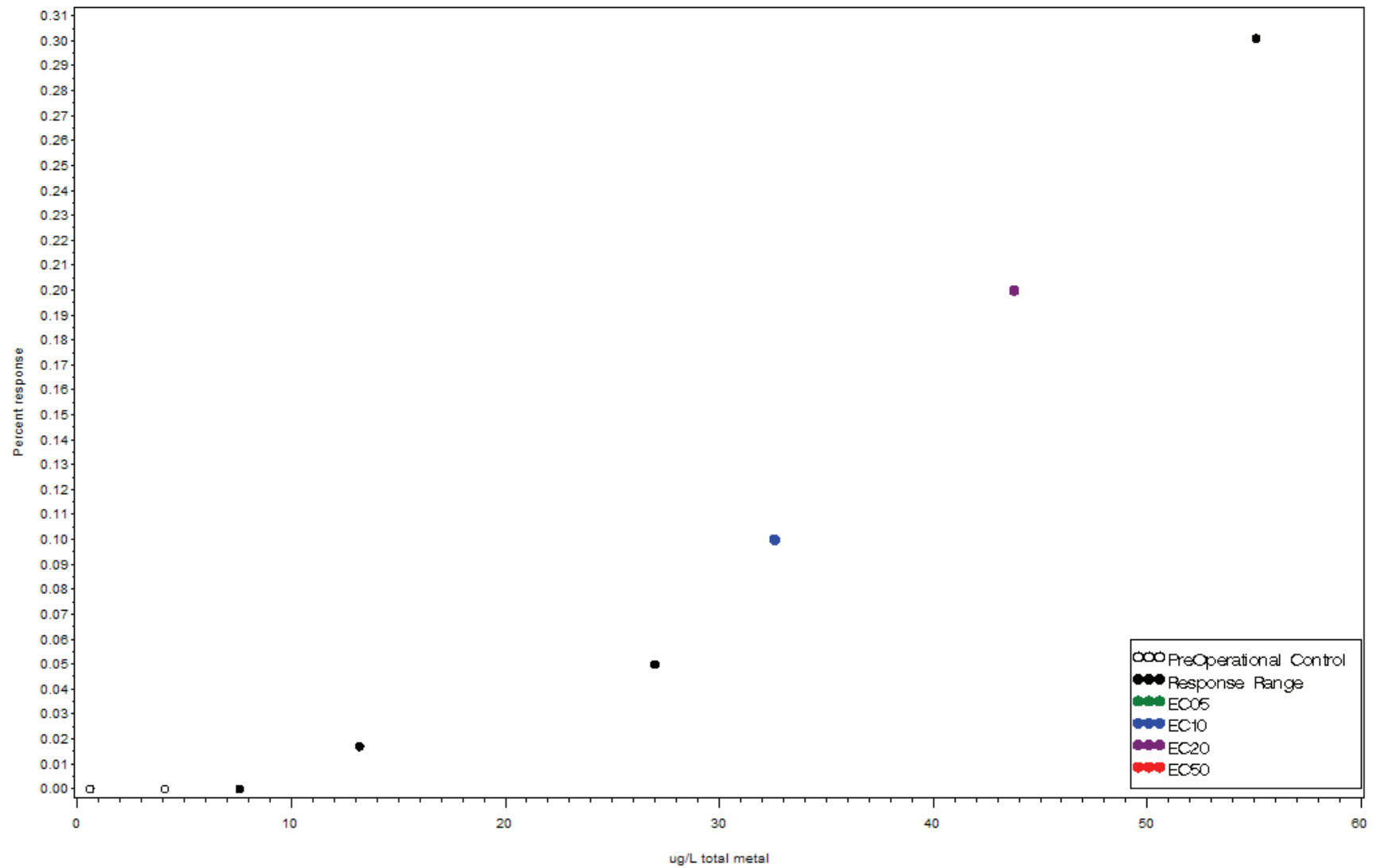
Development in *Pimephales promelas* exposed to 0-61.8 ug/L Lead
 Test 36-2, Davies et al., 1976
 EC05= 15.224 EC10= 16.784 EC20= 19.905 EC50= 29.265



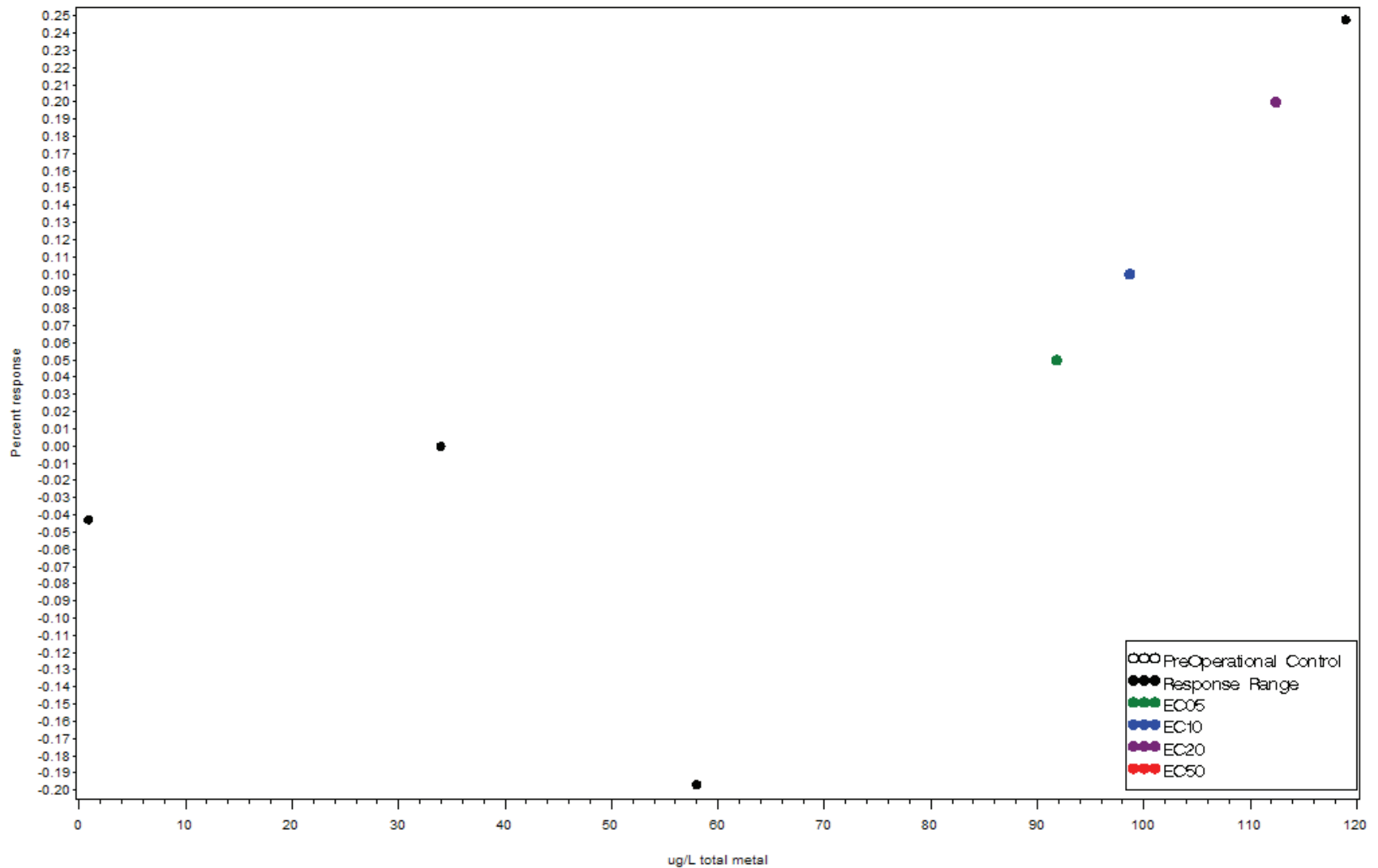
Survival in *Pimephales promelas* exposed to 0.5-61.8 ug/L Lead
Test 36-1, Davies et al., 1976
EC05= 12.772 EC10= 21.708 EC20= 35.91 EC50= 61.542



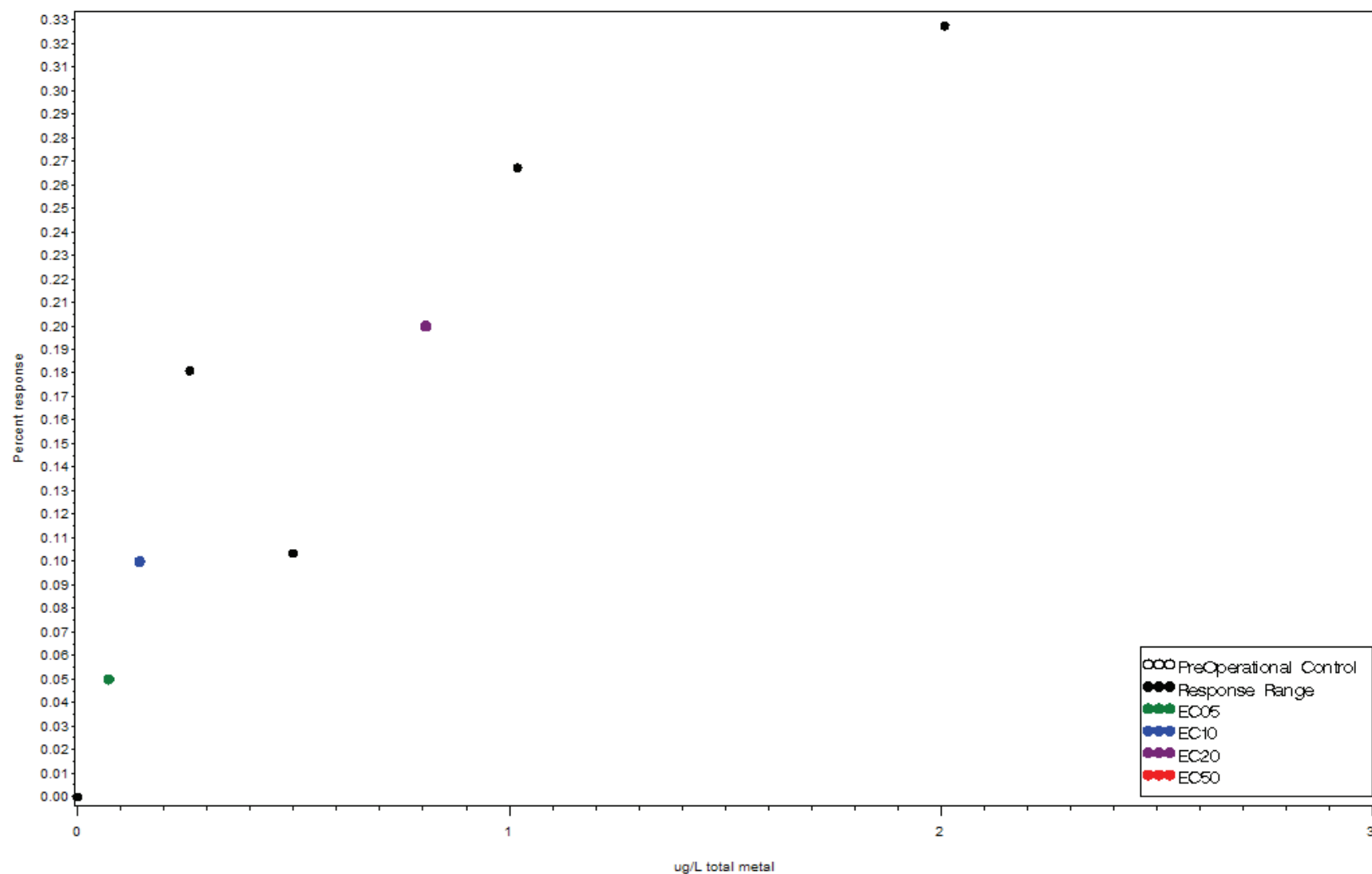
Survival in *Pimephales promelas* exposed to 0.6-55.1 ug/L Lead
 Test 35-1, Davies et al., 1976
 EC05= . EC10= 32.598 EC20= 43.793 EC50= .



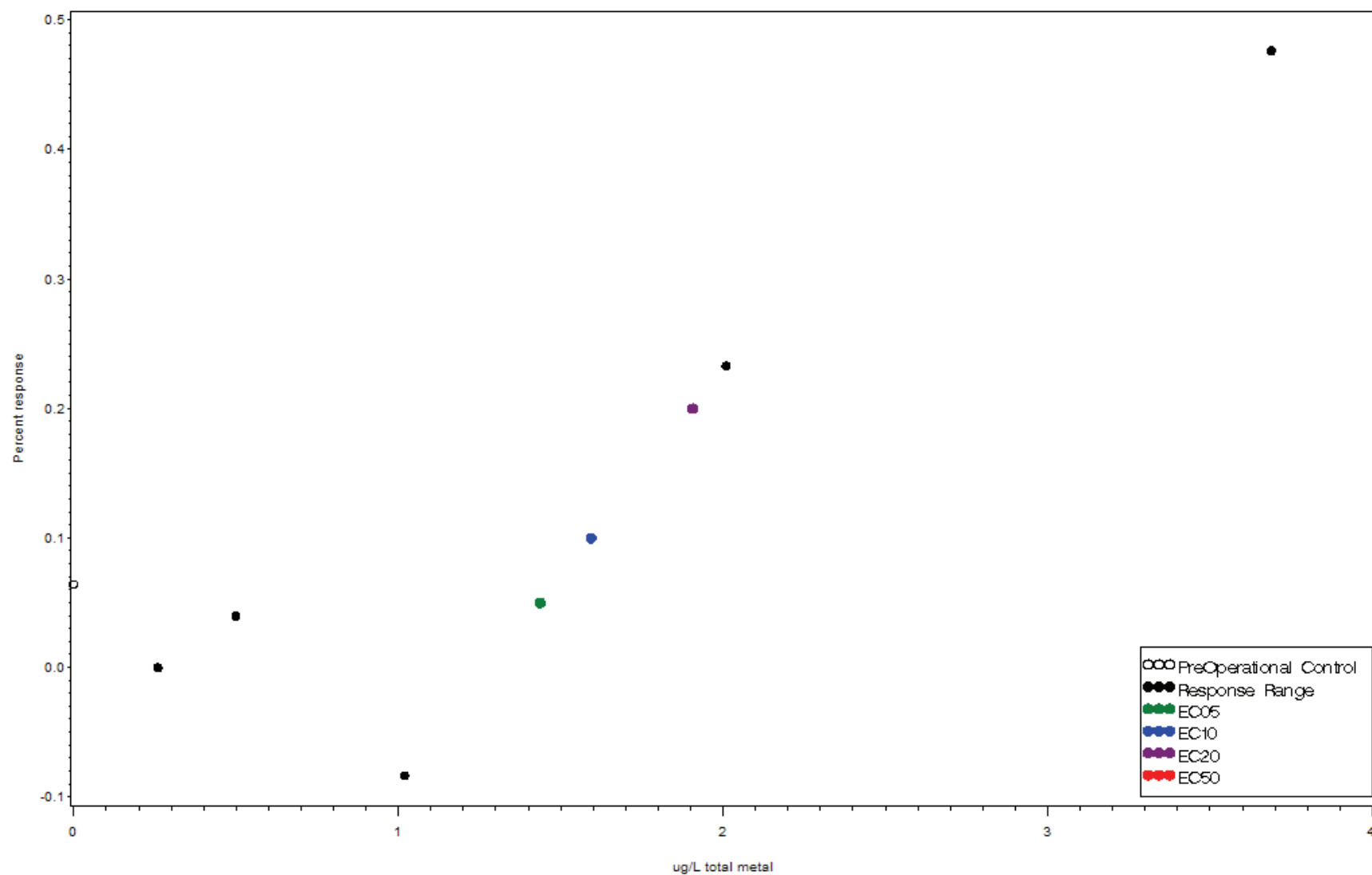
Growth in *Salvelinus fontinalis* exposed to 0.9-119 ug/L Lead
 Test 33-2, Holcombe&1976
 EC05= 91.843 EC10= 98.706 EC20= 112.431 EC50= .



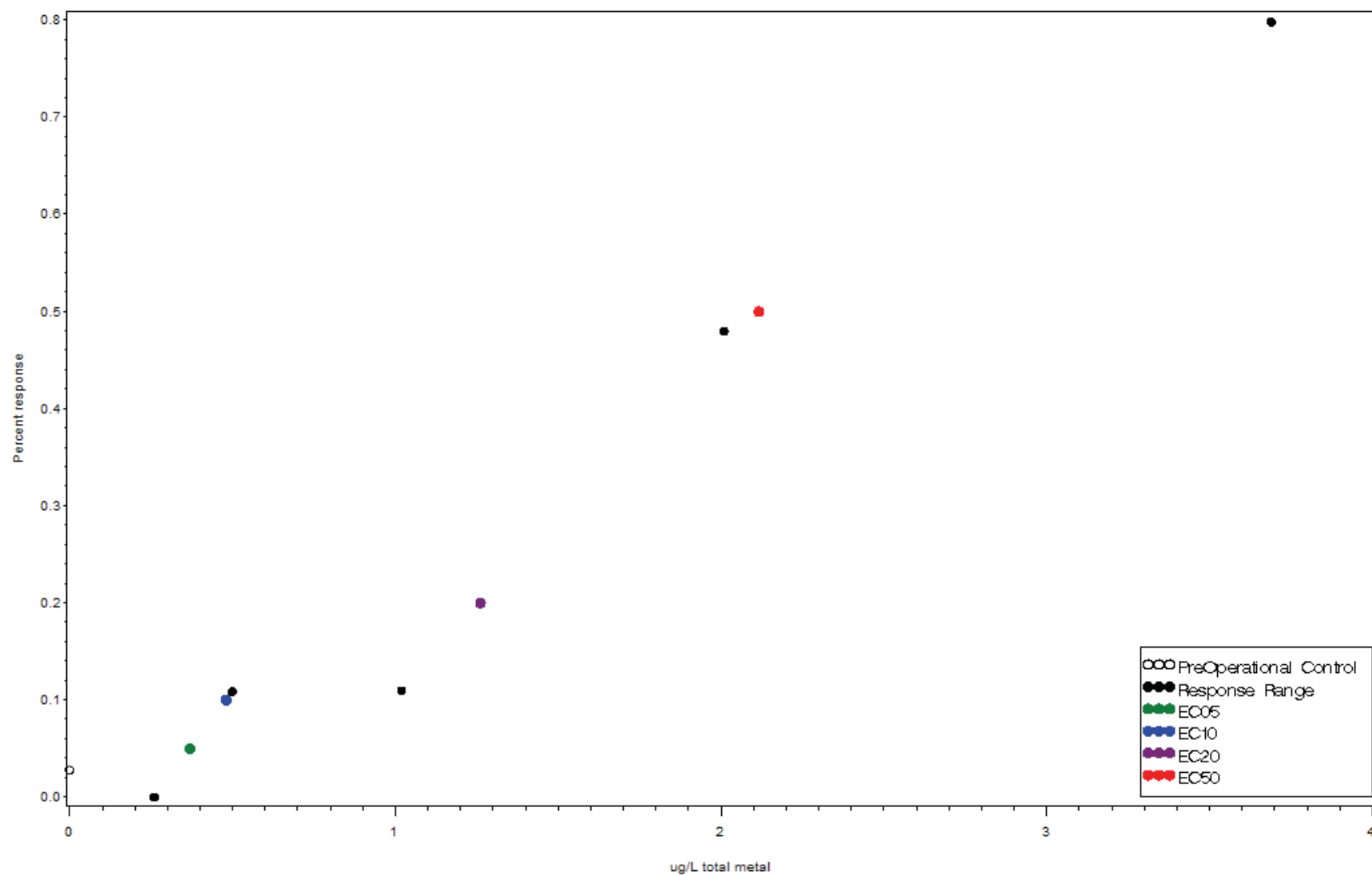
Growth in *Pimephales promelas* exposed to 0-2.01 ug/L Mercury
 Test 25-8, Snarski and Olson, 1982
 EC05= 0.072 EC10= 0.144 EC20= 0.807 EC50= .



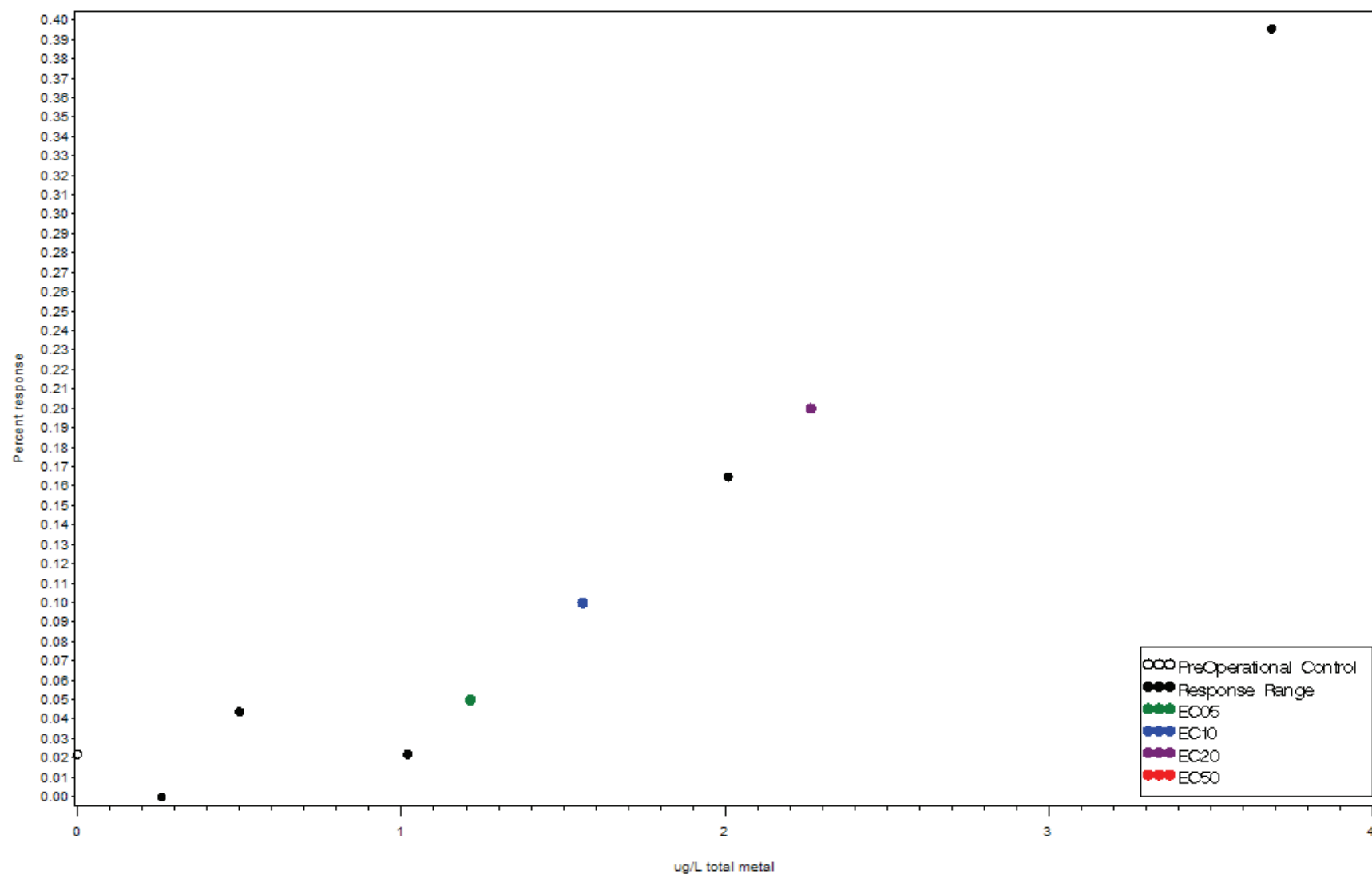
Growth in *Pimephales promelas* exposed to 0-3.69 ug/L Mercury
 Test 25-7, Snarski and Olson, 1982
 EC05= 1.437 EC10= 1.594 EC20= 1.907 EC50= .



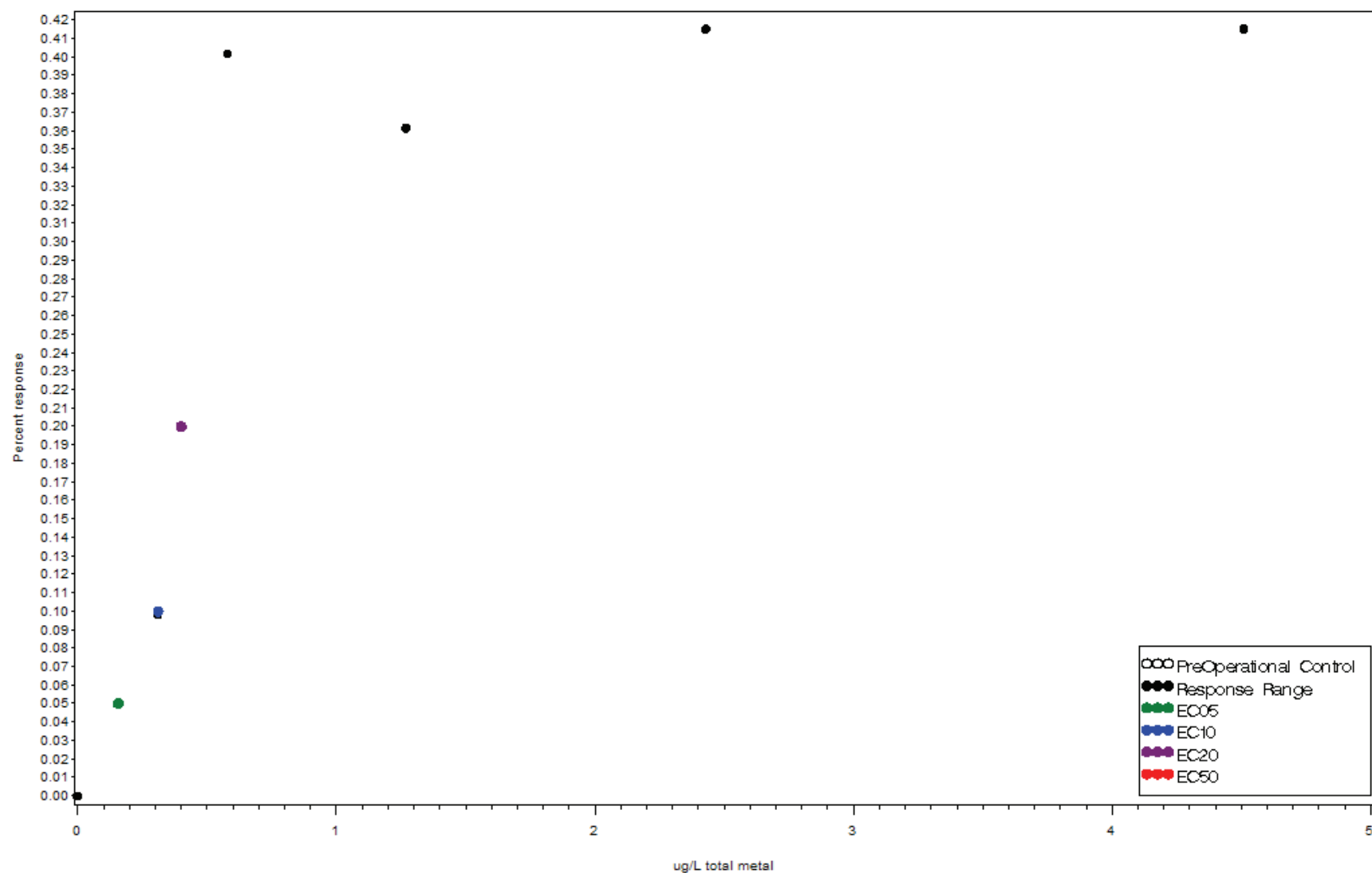
Growth in *Pimephales promelas* exposed to 0-3.69 ug/L Mercury
 Test 25-6, Snarski and Olson, 1982
 EC05= 0.37 EC10= 0.481 EC20= 1.262 EC50= 2.117



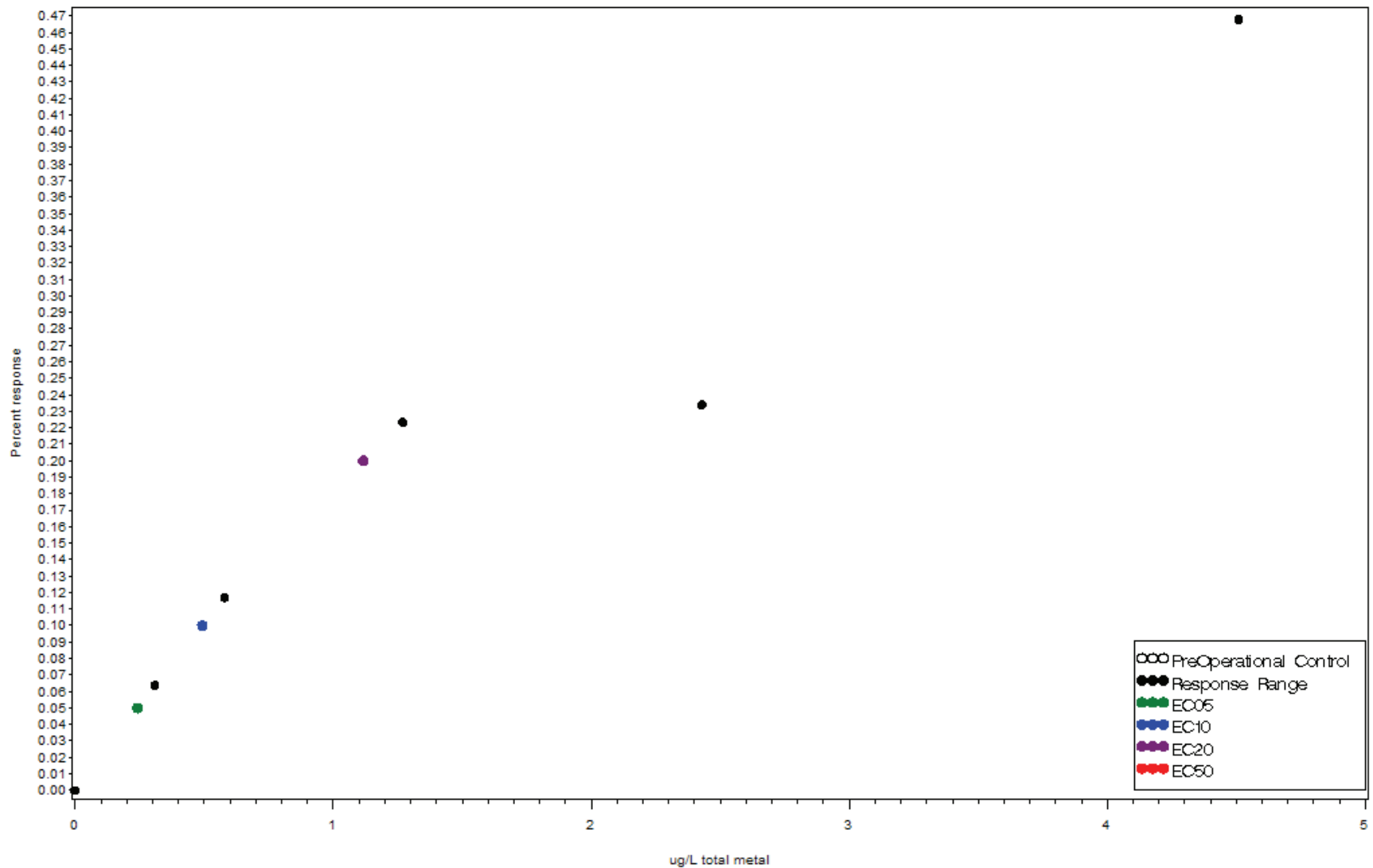
Growth in *Pimephales promelas* exposed to 0-3.69 ug/L Mercury
 Test 25-5, Snarski and Olson, 1982
 EC05= 1.214 EC10= 1.561 EC20= 2.266 EC50= .



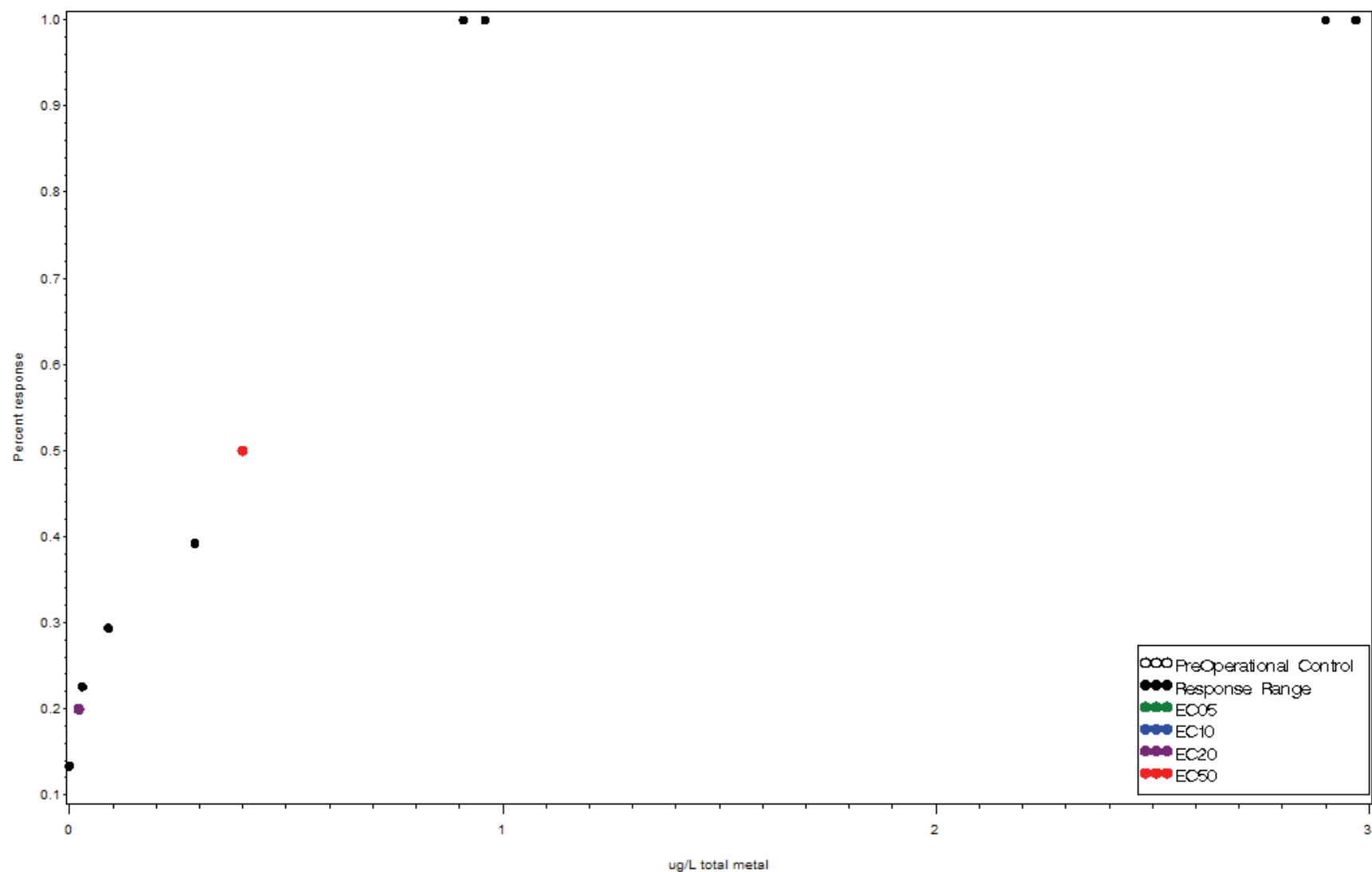
Growth in *Pimephales promelas* exposed to 0-4.51 ug/L Mercury
 Test 25-2, Snarski and Olson, 1982
 EC05= 0.158 EC10= 0.312 EC20= 0.401 EC50= .



Survival in *Pimephales promelas* exposed to 0-4.51 ug/L Mercury
 Test 25-1, Snarski and Olson, 1982
 EC05= 0.243 EC10= 0.494 EC20= 1.118 EC50= .



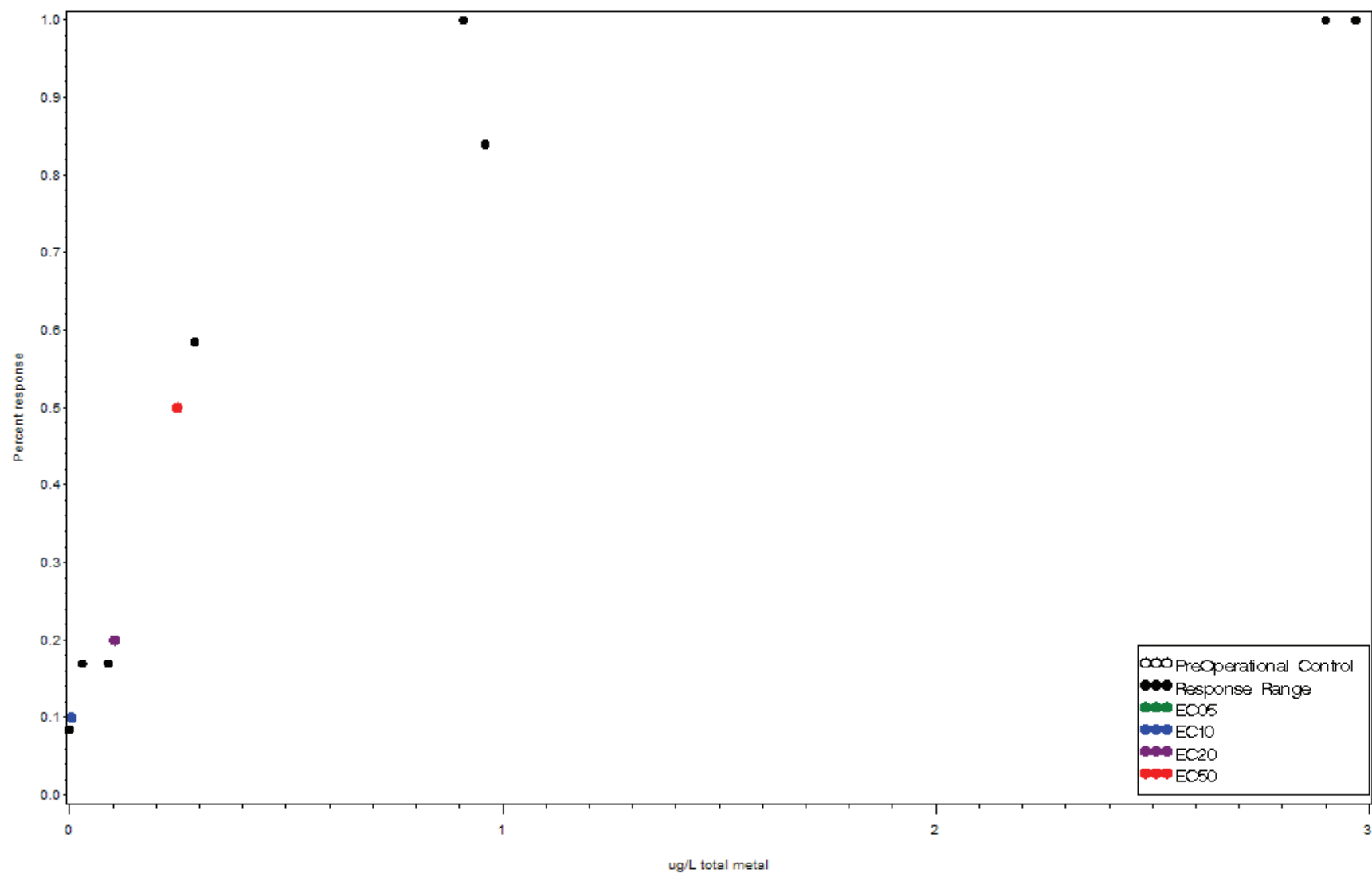
Reproduction in *Salvelinus fontinalis* exposed to 0-2.97 ug/L Methylmercuric chloride
 Test 24-4, McKim et al., 1976
 EC05= . EC10= . EC20= 0.022 EC50= 0.4



Survival over generations in *Salvelinus fontinalis* exposed to 0-2.97 ug/L Methylmercuric chloride

Test 24-3, McKim et al., 1976

EC05= . EC10= 0.005 EC20= 0.104 EC50= 0.249



Survival in *Salvelinus fontinalis* exposed to 0-2.97 ug/L Methylmercuric chloride
 Test 24-1, McKim et al., 1976
 EC05= 1.057 EC10= 1.154 EC20= 1.348 EC50= 1.93

