ASSAY: AEID2425 (CCTE_Shafer_MEA_acute_firing_rate_mean_up)

NAME: Chlordane
CHID: 20267   CASRN: 57-74-9
SPID(S): TP0001411E05
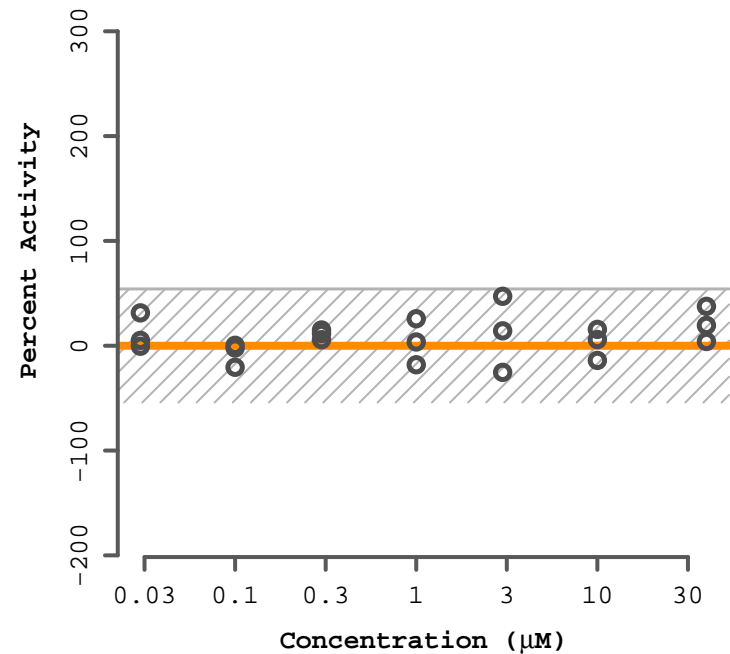M4ID: 30260814

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	167.25	NA	NA
PROB:	1	NA	NA
RMSE:	12.11	NA	NA

MAX_MEAN: 23.2   MAX_MED: 21.2   BMAD: 18.1

COFF: 54.2   HIT-CALL: 0   FITC: 4   ACTP: 0

FLAGS:

ASSAY: AEID2425 (CCTE_Shafer_MEA_acute_firing_rate_mean_up)

NAME: Mirex
CHID: 20895   CASRN: 2385-85-5
SPID(S): TP0001413B03
M4ID: 30260968

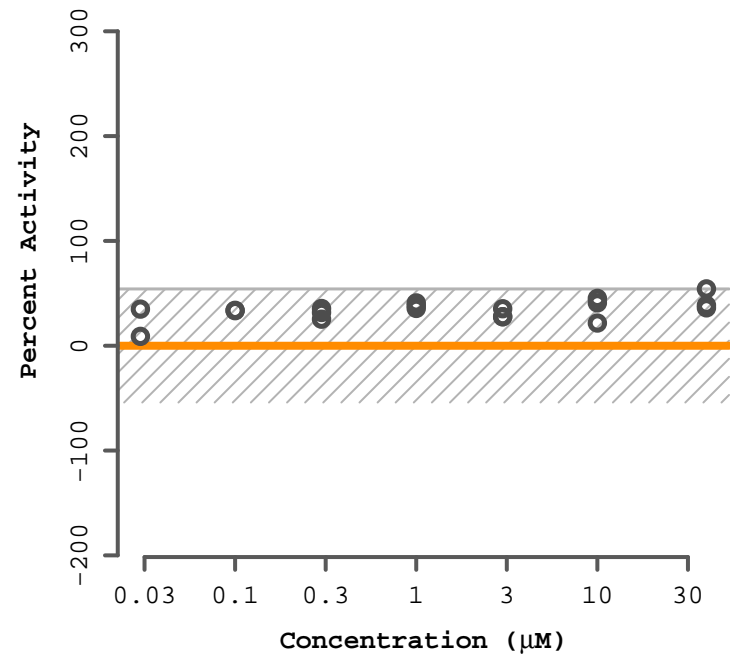HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	187.84	NA	NA
PROB:	1	NA	NA
RMSE:	19.76	NA	NA

MAX_MEAN: 20.4   MAX_MED: 19.4   BMAD: 18.1

COFF: 54.2   HIT-CALL: 0   FITC: 4   ACTP: 0

FLAGS:

ASSAY: AEID2425 (CCTE_Shafer_MEA_acute_firing_rate_mean_up)

NAME: Nicotine
CHID: 20930   CASRN: 54-11-5
SPID(S): TP0001411C10
M4ID: 30260795

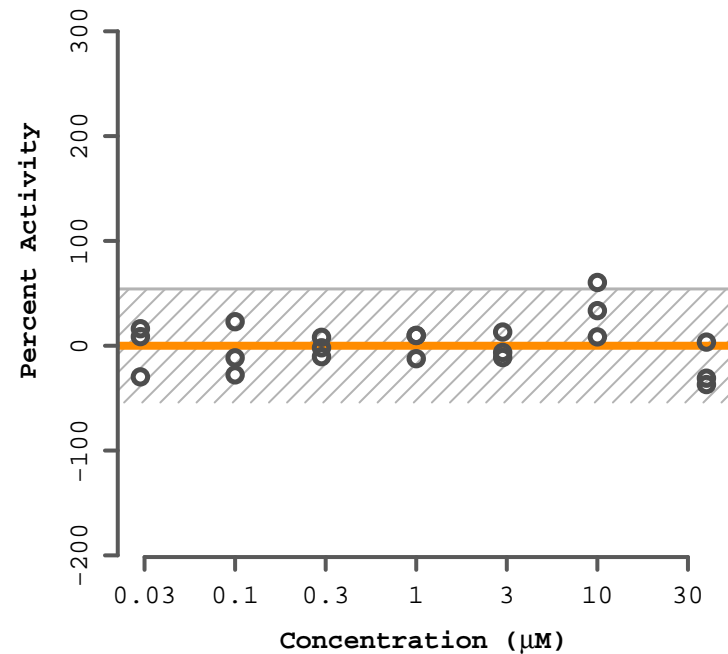HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	195.38	NA	NA
PROB:	1	NA	NA
RMSE:	35.24	NA	NA

MAX_MEAN: 43   MAX_MED: 40.9   BMAD: 18.1

COFF: 54.2   HIT-CALL: 0   FITC: 4   ACTP: 0

FLAGS:

ASSAY: AEID2425 (CCTE_Shafer_MEA_acute_firing_rate_mean_up)

NAME: Permethrin
CHID: 22292   CASRN: 52645-53-1
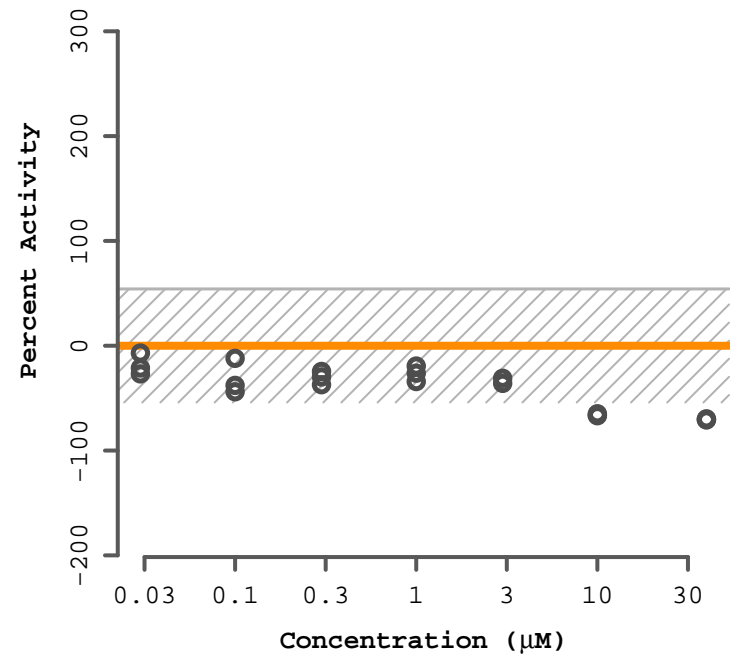SPID(S): TP0001414F11
M4ID: 30261120

HILL MODEL: Not applicable.

GAIN-LOSS MODEL: Not applicable.

	CNST	HILL	GNLS
AIC:	192.59	NA	NA
PROB:	1	NA	NA
RMSE:	22.56	NA	NA

MAX_MEAN: 34.1   MAX_MED: 33.5   BMAD: 18.1

COFF: 54.2   HIT-CALL: 0   FITC: 4   ACTP: 0

FLAGS:

ASSAY: AEID2425 (CCTE_Shafer_MEA_acute_firing_rate_mean_up)

NAME: Kepone
CHID: 20770   CASRN: 143-50-0
SPID(S): TP0001413C06
M4ID: 30260983

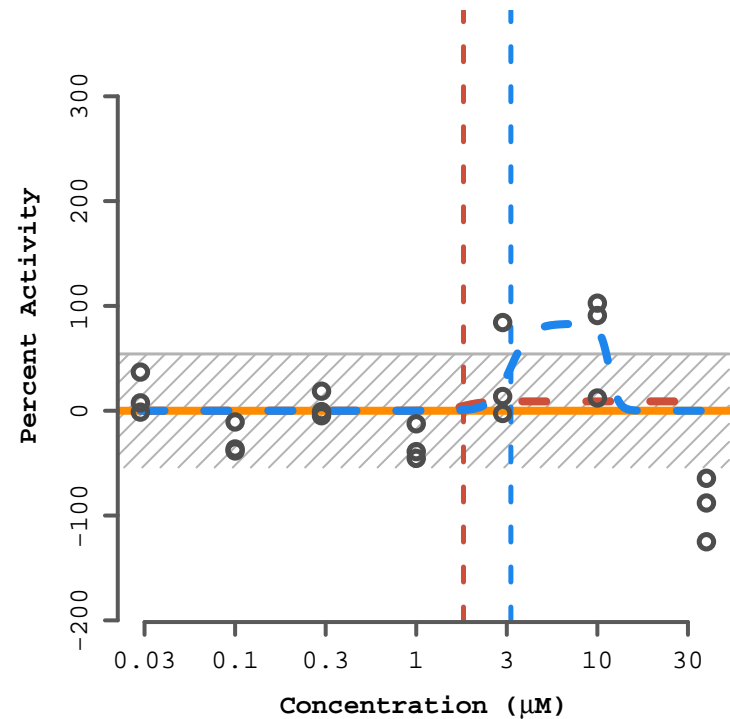HILL MODEL: Failed to converge.

GAIN-LOSS MODEL: Failed to converge.

	CNST	HILL	GNLS
AIC:	213.8	NA	NA
PROB:	1	NA	NA
RMSE:	44.68	NA	NA

MAX_MEAN: -18.3   MAX_MED: -21.3   BMAD: 18.1

COFF: 54.2   HIT-CALL: 0   FITC: 7   ACTP: 0

FLAGS:

ASSAY: AEID2425 (CCTE_Shafer_MEA_acute_firing_rate_mean_up)

NAME: Endosulfan
CHID: 20560   CASRN: 115-29-7
SPID(S): TP0001413H09
M4ID: 30261046

HILL MODEL (in red):
          tp   ga   gw
val: 8.93   0.261   8
sd: 23   0.616   20.9

GAIN-LOSS MODEL (in blue):
          tp   ga   gw   la   lw
val: 83   0.523   7.98   1.07   17.2
sd: NaN   NaN   NaN   NaN   NaN

          CNST   HILL   GNLS
AIC: 229.62   235.46   232.47
PROB: 0.77   0.04   0.19
RMSE: 54.41   54.56   46.5

MAX_MEAN: 68.6   MAX_MED: 90.9   BMAD: 18.1

COFF: 54.2   HIT-CALL: 0   FITC: 10   ACTP: 0.23

FLAGS: 10
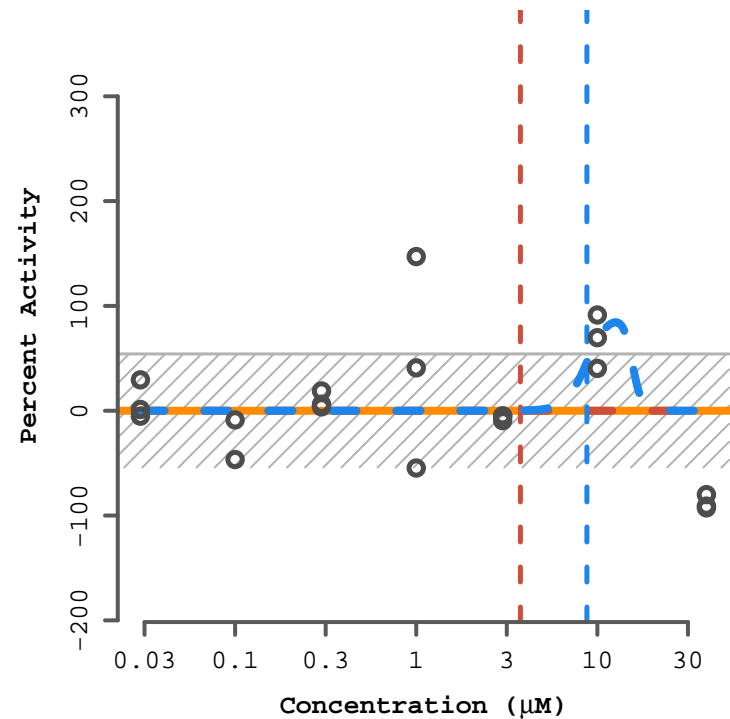
ASSAY: AEID2425 (CCTE_Shafer_MEA_acute_firing_rate_mean_up)

NAME: Methoxychlor
CHID: 20827   CASRN: 72-43-5
SPID(S): TP0001413G10
M4ID: 30261035

HILL MODEL (in red):
          tp   ga   gw
val: 7.2e-07   0.575   4.22
sd: NaN   NaN   NaN

GAIN-LOSS MODEL (in blue):
          tp   ga   gw   la   lw
val: 92.6   0.942   7.42   1.19   16.8
sd: 549   1.16   37.1   10.6   712

          CNST   HILL   GNLS
AIC: 221.45   227.45   224.46
PROB: 0.79   0.04   0.17
RMSE: 58.35   58.35   52.23

MAX_MEAN: 67.2   MAX_MED: 69.7   BMAD: 18.1

COFF: 54.2   HIT-CALL: 0   FITC: 10   ACTP: 0.21

FLAGS: 10
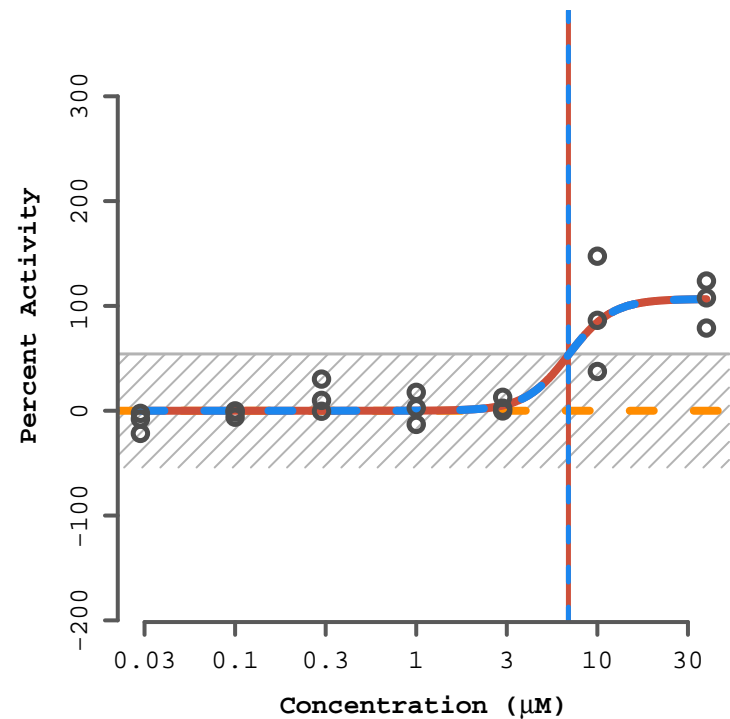
ASSAY: AEID2425 (CCTE_Shafer_MEA_acute_firing_rate_mean_up)

NAME: Heptachlor
CHID: 20679   CASRN: 76-44-8
SPID(S): TP0001411C06
M4ID: 30260791

HILL MODEL (in red):
          tp   ga   gw
val: 107   0.84   3.61
sd: 11   0.0988   1.53

GAIN-LOSS MODEL (in blue):
          tp   ga   gw   la   lw
val: 107   0.84   3.61   2.71   5.67
sd: NaN   NaN   NaN   NaN   NaN

          CNST   HILL   GNLS
AIC: 226.27   191.48   195.48
PROB: 0   0.88   0.12
RMSE: 56.05   21.17   21.17

MAX_MEAN: 103   MAX_MED: 108   BMAD: 18.1

COFF: 54.2   HIT-CALL: 1   FITC: 41   ACTP: 1

FLAGS:
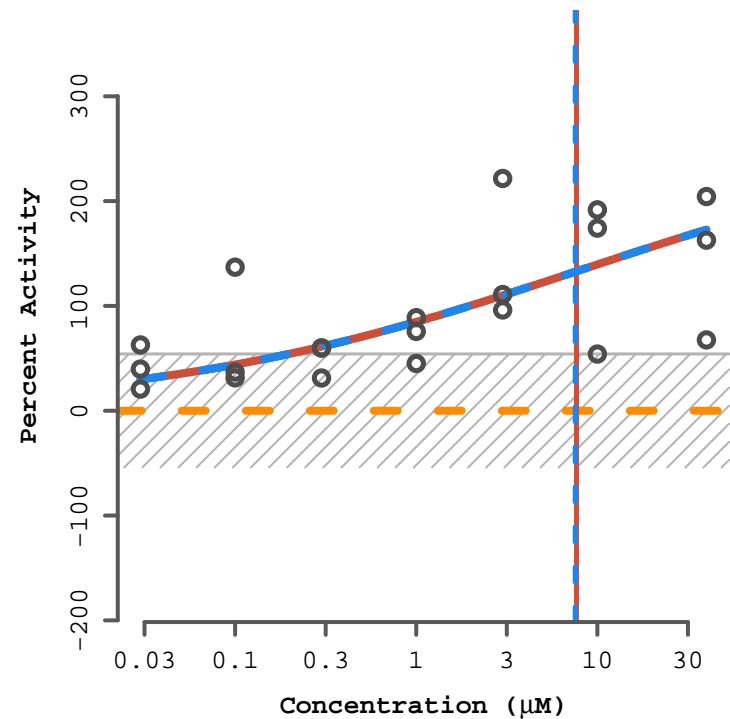
ASSAY: AEID2425 (CCTE_Shafer_MEA_acute_firing_rate_mean_up)

NAME: Endrin
CHID: 20561   CASRN: 72-20-8
SPID(S): TP0001414E02
M4ID: 30261099

HILL MODEL (in red):
          tp   ga   gw
val: 266   0.885   0.373
sd: 205   1.94   0.227

GAIN-LOSS MODEL (in blue):
          tp   ga   gw   la   lw
val: 265   0.878   0.374   3.6   4.25
sd: NaN   NaN   NaN   NaN   NaN

          CNST   HILL   GNLS
AIC: 261.78   228.64   232.64
PROB: 0   0.88   0.12
RMSE: 112.2   48.17   48.17

MAX_MEAN: 145   MAX_MED: 174   BMAD: 18.1

COFF: 54.2   HIT-CALL: 1   FITC: 42   ACTP: 1

FLAGS:
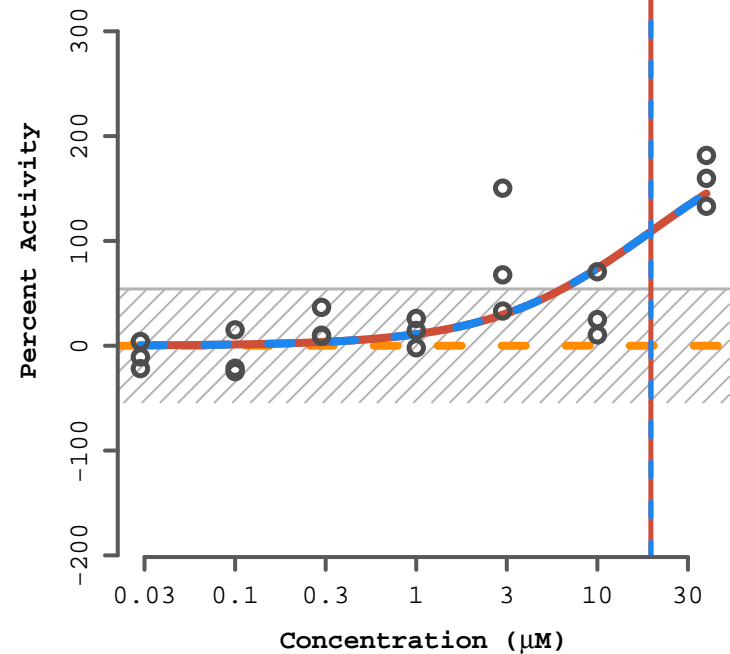
ASSAY: AEID2425 (CCTE_Shafer_MEA_acute_firing_rate_mean_up)

NAME: Lindane
CHID: 20686   CASRN: 58-89-9
SPID(S): TP0001413B01
M4ID: 30260966

HILL MODEL (in red):
          tp   ga   gw
val: 218   1.3   0.982
sd: 66   0.311   0.332

GAIN-LOSS MODEL (in blue):
          tp   ga   gw   la   lw
val: 218   1.3   0.982   3.23   5.4
sd: 66   0.31   0.332   2270   7530

          CNST   HILL   GNLS
AIC: 238.97   213.63   217.63
PROB: 0   0.88   0.12
RMSE: 73.85   36.34   36.34

MAX_MEAN: 158   MAX_MED: 160   BMAD: 18.1

COFF: 54.2   HIT-CALL: 1   FITC: 42   ACTP: 1

FLAGS:
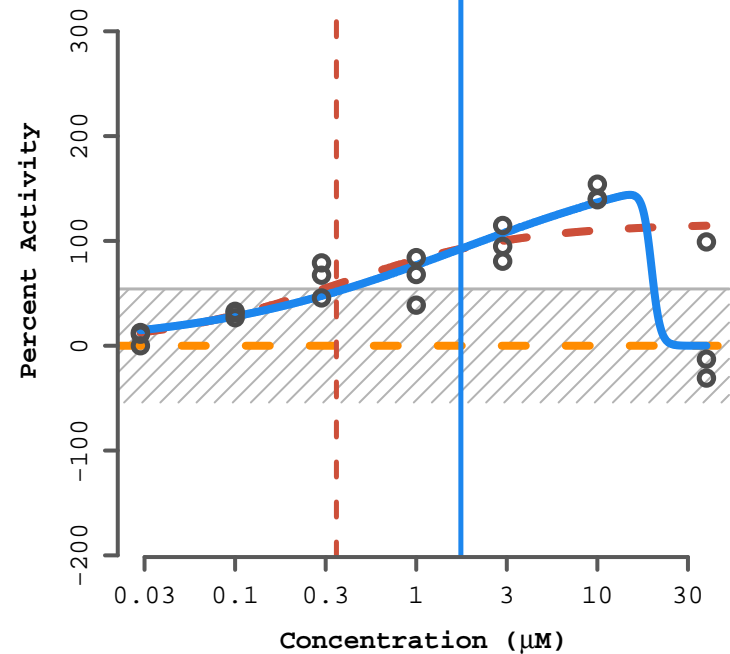
ASSAY: AEID2425 (CCTE_Shafer_MEA_acute_firing_rate_mean_up)

NAME: Dieldrin
CHID: 20453   CASRN: 60-57-1
SPID(S): TP0001412F07
M4ID: 30260924

HILL MODEL (in red):
         tp   ga   gw
val: 117   -0.441   0.849
sd: 21.1   0.298   0.282

GAIN-LOSS MODEL (in blue):
         tp   ga   gw   la   lw
val: 185   0.246   0.6   1.3   18
sd: 41.4   0.392   0.124   2.3   137

         CNST   HILL   GNLS
AIC: 247.37   218.28   201.72
PROB: 0   0   1
RMSE: 79.16   46.33   27.09

MAX_MEAN: 145   MAX_MED: 140   BMAD: 18.1

COFF: 54.2   HIT-CALL: 1   FITC: 51   ACTP: 1
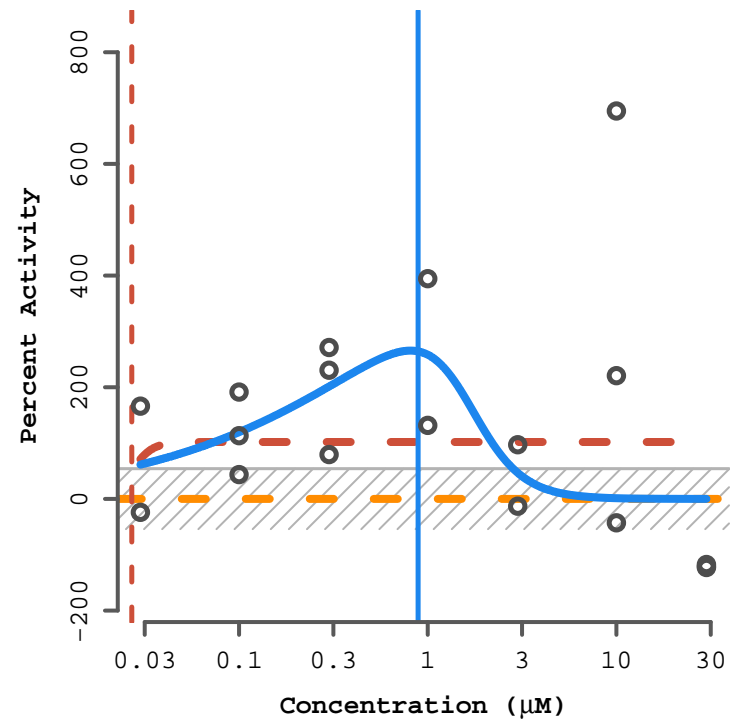
FLAGS:

ASSAY: AEID2425 (CCTE_Shafer_MEA_acute_firing_rate_mean_up)

NAME: Endosulfan
CHID: 20560   CASRN: 115-29-7
SPID(S): EPAPLT0167G10
M4ID: 30260747

HILL MODEL (in red):
          tp   ga   gw
val: 102   -1.57   7.94
sd: 44.6   1.81   311

GAIN-LOSS MODEL (in blue):
          tp   ga   gw   la   lw
val: 610   -0.051   0.646   0.199   3.24
sd: 3600   6.59   1.18   0.701   5.52

          CNST   HILL   GNLS
AIC: 247.09   247.88   244.44
PROB: 0.18   0.12   0.69
RMSE: 232.37   198.59   192.23

MAX_MEAN: 291   MAX_MED: 263   BMAD: 18.1

COFF: 54.2   HIT-CALL: 1   FITC: 51   ACTP: 0.82

FLAGS: 16; 11; 10
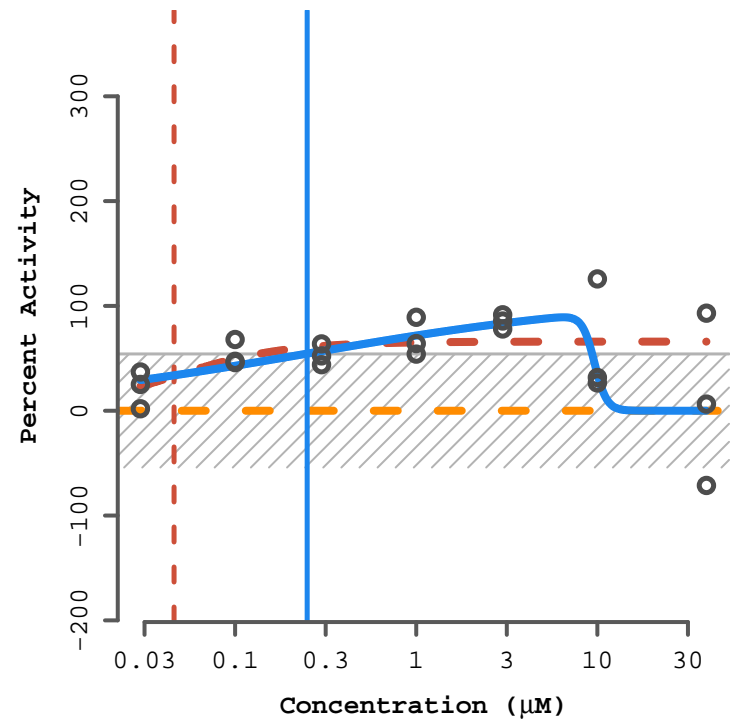
ASSAY: AEID2425 (CCTE_Shafer_MEA_acute_firing_rate_mean_up)

NAME: Heptachlor epoxide B
CHID: 24126   CASRN: 1024-57-3
SPID(S): TP0001412F11
M4ID: 30260928

HILL MODEL (in red):
          tp   ga   gw
val: 65.9   -1.34   1.42
sd: 11.5   0.259   1.39

GAIN-LOSS MODEL (in blue):
          tp   ga   gw   la   lw
val: 109   -0.602   0.473   0.983   12.8
sd: 80.6   1.56   0.468   0.117   89.3

          CNST   HILL   GNLS
AIC: 240.02   215.73   211.43
PROB: 0   0.1   0.9
RMSE: 64.66   39.48   34.21

MAX_MEAN: 85.1   MAX_MED: 85.6   BMAD: 18.1

COFF: 54.2   HIT-CALL: 1   FITC: 51   ACTP: 1

FLAGS: