Appendix II: *Vibrio fischeri* Bioluminescence Test

Microtox Screen Test 100% Pore Water
Sampling Site: Point Grey (Frozen Sediments)
Test Date: 21 June 94

Treatment	5 minute screen		15 minute screen	
	Gamma	% Effect	Gamma	% Effect
Esquimalt	0	0	0	0
Walton Beach	0	0	0	0
Point Grey 25B	0	0	0	0
Point Grey 27B	0	0	0	0
Point Grey 29B	0	0	0	0
Point Grey 31B	0	0	0	0
Point Grey 34B	0	0	0	0
Point Grey 36B	0	0	0	0
Point Grey 38B	0	0	0	0
Point Grey 40B	0	0	0	0

Microtox Screen Test 100% Pore Water
Sampling Site: Malaspina 1A - 6B; Pender Harbour
Test Date: 28 June 94

Treatment	5 minute screen		15 minute screen	
	Gamma	% Effect	Gamma	% Effect
Malaspina 1A	0	0	0	0
Malaspina 1B	0	0	0	0
Malaspina 2A	0	0	0	0
Malaspina 2B	0	0	0	0
Malaspina 3A	0	0	0	0
Malaspina 3B	0	0	0	0
Malaspina 4A	0	0	0	0
Malaspina 4B	0	0	0	0
Malaspina 5A	0	0	0	0
Malaspina 5B	0	0	0	0
Malaspina 6A	0	0	0	0
Malaspina 6B	1	50	1	50
Pender Harbour A	0	0	0	0
Pender Harbour B	0	0	0	0

Microtox Screen Test 100% Pore Water
Sampling Site: Malaspina 7A - 9B; Point Grey 27 - 36A
Test Date: 11 July 94

Treatment	5 minute screen		15 minute screen	
	Gamma	% Effect	Gamma	% Effect
Malaspina 7A	0	0	0	0
Malaspina 7B	0	0	0	0
Malaspina 8A	0	0	0	0
Malaspina 8B	0	0	0	0
Malaspina 9A	0	0	0	0
Malaspina 9B	0	0	0	0
Point Grey 27A	0	0	0	0
Point Grey 29A	0	0	0	0
Point Grey 34A	0	0	0	0
Point Grey 36A				
Walton Beach	0	0	0	0
Pender Harbour A	0	0	0	0
Pender Harbour B	1	50	1	50
Halibut Bank A	0	0	0	0
Halibut Bank B	0	0	0	0

Microtox Screen Test 100% Pore Water
Sampling Site Point Grey 25A, 31A, 38A, 40A; Cape Mudge 1A - 4B
Test Date 19 July 94

Treatment	5 minute screen		15 minute screen	
	Gamma	% Effect	Gamma	% Effect
Point Grey 25A	0	0	0	0
Point Grey 31A	0	0	0	0
Point Grey 38A	0	0	0	0
Point Grey 40A	0	0	0	0
Cape Mudge 1A	0	0	0	0
Cape Mudge 1B	0	0	0	0
Cape Mudge 2A	0	0	0	0
Cape Mudge 2B	1	50	1	50
Cape Mudge 3A	0	0	0	0
Cape Mudge 3B	1	50	1	50
Cape Mudge 4A	0	0	0	0
Cape Mudge 4B	0	0	0	0
Walton Beach	1	50	1	50
Halibut Bank A	0	0	0	0
Halibut Bank B	0	0	0	0
STP diluent	1	50	1	50

Microtox Screen Test 100% Pore Water
Sampling Site:Cape Mudge 5A - 9B
Test Date:2 August 94

Treatment	5 minute screen		15 minute screen	
	Gamma	% Effect	Gamma	% Effect
Cape Mudge 5A	0.047	4.52	0.04	3.81
Cape Mudge 5B	0.156	13.46	0.114	10.27
Cape Mudge 6A	0.072	6.69	0.085	7.82
Cape Mudge 6B	0.201	16.73	0.241	19.42
Cape Mudge 7A	0.09	8.24	0.075	6.96
Cape Mudge 7B	0.071	6.63	0.025	2.47
Cape Mudge 8A	0.144	12.62	0.134	11.84
Cape Mudge 8B	0.102	9.22	0.049	4.64
Cape Mudge 9A	0.082	7.57	0.074	6.93
Cape Mudge 9B	0.114	10.25	0.138	12.15
Walton Beach	0.93	48.18	0.74	42.51
Indian Arm 18/08/94	0.225	18.35	0.072	6.69

Microtox Basic Test
Initial Concentration 50% Pore Water
Sampling Site:Malaspina 6B
Test Date: 28 June 94

Treatment	5 minute			15 minute		
	IC50 (%)	LCI	UCI	IC50 (%)	LCI	UCI
Malaspina 6B	50<>100			50<>100		

Microtox Basic Test
Initial Concentration 50% Pore Water
Sampling Site:Pender Harbour B
Test Date: 11 July 94

Treatment	5 minute			15 minute		
	IC50 (%)	LCI	UCI	IC50 (%)	LCI	UCI
Pender Harbour B	50<>100			50<>100		

Microtox Basic Test
Initial Concentration 50% Pore Water
Sampling Site: Cape Mudge 2B, 3B
Test Date:19 - 21 July 94

Treatment	5 minute			15 minute		
	IC50 (%)	LCI	UCI	IC50 (%)	LCI	UCI
Cape Mudge 2B	50<>100			50<>100		
Cape Mudge 3B	50<>100			50<>100		
Walton Beach	50 <>100			50 <>100		

Microtox Basic Test
Initial Concentration 50% Pore Water
Sampling Site: Walton Beach; Pender Harbour B
Test Date: 2 August 94

Treatment	5 minute	95% CI		15 minute	95% CI	
	IC50 (%)	LCI	UCI	IC50 (%)	LCI	UCI
Walton Beach	78.2226	48.9392	125.0282	74.7244	44.6059	125.1795
Pender Harbour B	50<>100			50<>100		

MICROTOX DATA REPORT

FILE NAME: PTGREYS1.R5 TEST DATE: June 21/04
TEST TIME:
Investigator: D Lee Approved by:

Procedure: SCREEN Osmotic Adjustment: no
Test Time: 5 minutes Concentration Units: %

NUMBER	DESCRIPTION		CONCENTRATION	GAMMA	%EFFECT
1	Esquimalt	30 ppt	%100.00	0.000	0.00
2	Walton beach	33 ppt	%100.00	0.000	0.00
3	Station 25	29 ppt	%100.00	0.000	0.00
4	Station 27	29 ppt	%100.00	0.000	0.00
5	Station 29	31 ppt	%100.00	0.000	0.00
6	Station 31	32 ppt	%100.00	0.000	0.00
7	Station 34	33 ppt	%100.00	0.000	0.00
8	Station 36	31 ppt	%100.00	0.000	0.00
9	Station 38	30 ppt	%100.00	0.000	0.00
10	Station 40	30 ppt	%100.00	0.000	0.00
11	Seawater A	30 ppt	%100.00	0.000	0.00
12	Seawater B	30 ppt	%100.00	0.000	0.00
13	Seawater C	30 ppt	%100.00	0.000	0.00

MICROTOX DATA REPORT

FILE NAME: PTGREYS1.R15 TEST DATE: June 21/04
TEST TIME:
Investigator: WFS Approved by:

Procedure: SCREEN Osmotic Adjustment: no
Test Time: 15 minutes Concentration Units: %

NUMBER	DESCRIPTION		CONCENTRATION	GAMMA	%EFFECT
1	Esquimalt	30 ppt	%100.00	0.000	0.00
2	Walton beach	33 ppt	%100.00	0.000	0.00
3	Station 25	29 ppt	%100.00	0.000	0.00
4	Station 27	29 ppt	%100.00	0.000	0.00
5	Station 29	31 ppt	%100.00	0.000	0.00
6	Station 31	32 ppt	%100.00	0.000	0.00
7	Station 34	33 ppt	%100.00	0.000	0.00
8	Station 36	31 ppt	%100.00	0.000	0.00
9	Station 38	30 ppt	%100.00	0.000	0.00
10	Station 40	30 ppt	%100.00	0.000	0.00
11	Seawater A	30 ppt	%100.00	0.000	0.00
12	Seawater B	30 ppt	%100.00	0.000	0.00
13	Seawater C	30 ppt.	%100.00	0.000	0.00

MICROTOX DATA REPORT

FILE NAME: SCR2806.R5

TEST DATE: EC June 94

TEST TIME: _____

Investigator: _____

Approved by: _____

Procedure: SCREEN
Test Time: 5 minutes

Osmotic Adjustment: no
Concentration Units: %

NUMBER	DESCRIPTION	CONCENTRATION	GAMMA	%EFFECT
1	Pender Harbour A	%100.00	0.000	0.00
2	Pender Harbour B	%100.00	0.000	0.00
3	Walton Beach	%100.00	0.000	0.00
4	Malaspina Stn1A	%100.00	0.000	0.00
5	Malaspina Stn 1B	%100.00	0.000	0.00
6	Malaspina Stn 2A	%100.00	0.000	0.00
7	Malaspina Stn 2B	%100.00	0.000	0.00
8	Malaspina Stn 3A	%100.00	0.000	0.00
9	Malaspina Stn 3B	%100.00	0.000	0.00
10	Malaspina Stn 4A	%100.00	0.000	0.00
11	Malaspina Stn 4B	%100.00	0.000	0.00
12	Malaspina Stn 5A	%100.00	0.000	0.00
13	Malaspina Stn 5B	%100.00	0.000	0.00
14	Malaspina Stn 6A	%100.00	0.000	0.00
15	Malaspina Stn 6B	%100.00	1.000	50.00

MICROTOX DATA REPORT

FILE NAME: SCR2806.R15

TEST DATE: 28 June 94
TEST TIME: _____

Investigator: _____

Approved by: _____

Procedure: SCREEN
Test Time: 15 minutes

Osmotic Adjustment: no
Concentration Units: %

NUMBER	DESCRIPTION	CONCENTRATION	GAMMA	%EFFECT
1	Pender Harbour A	%100.00	0.000	0.00
2	Pender Harbour B	%100.00	0.000	0.00
3	Walton Beach	%100.00	0.000	0.00
4	Malaspina Stn1A	%100.00	0.000	0.00
5	Malaspina Stn 1B	%100.00	0.000	0.00
6	Malaspina Stn 2A	%100.00	0.000	0.00
7	Malaspina Stn 2B	%100.00	0.000	0.00
8	Malaspina Stn 3A	%100.00	0.000	0.00
9	Malaspina Stn 3B	%100.00	0.000	0.00
10	Malaspina Stn 4A	%100.00	0.000	0.00
11	Malaspina Stn 4B	%100.00	0.000	0.00
12	Malaspina Stn 5A	%100.00	0.000	0.00
13	Malaspina Stn 5B	%100.00	0.000	0.00
14	Malaspina Stn 6A	%100.00	0.000	0.00
15	Malaspina Stn 6B	%100.00	1.000	50.00

MICROTOX DATA REPORT

FILE NAME: MSTN6B.K5 TEST DATE:_____
TEST TIME:_____
Investigator:_____ Approved by:_____
Sample Description: Malaspina station 6b 28 June 94
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	94.50/109.72	6.2500	-0.11000*
2	93.84/116.45	12.5000	-0.16729*
3	95.06/120.84	25.0000	-0.18711*
4	94.66/118.89	50.0000	-0.17726*

CONTROL IT/IO = 97.01/ 93.88
CORRECTION FACTOR = 1.0333

IC50 IS GREATER THAN HIGHEST CONCENTRATION

* Invalid data or controls

50% effect during 100% screen
diluent → 32 ppt artificial

MICROTOX DATA REPORT

FILE NAME: MSTN6B.K15 TEST DATE:_____
TEST TIME:_____
Investigator:_____ Approved by:_____
Sample Description: Malaspina station 6b 28 June 94
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 15 minutes Concentration Units: %

NUMBER	I0/IT	CONC.	GAMMA
1	94.50/122.41	6.2500	-0.17102*
2	93.84/124.29	12.5000	-0.18926*
3	95.06/134.99	25.0000	-0.24382*
4	94.66/141.62	50.0000	-0.28225*

CONTROL IT/I0 = 100.81/ 93.88
CORRECTION FACTOR = 1.0738

IC50 IS GREATER THAN HIGHEST CONCENTRATION

* Invalid data or controls

50% effect during 100% screen.
diluent = 32 ppt artificial

MICROTOX DATA REPORT

FILE NAME: MALSTN6B.K5 TEST DATE:_____
TEST TIME:_____
Investigator:_____ Approved by:_____
Sample Description: Malaspina Station 6b 28 June 94
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	I0/IT	CONC.	GAMMA
1	100.87/ 98.47	6.2500	-0.21697*
2	92.56/ 90.23	12.5000	-0.21586*
3	92.28/ 91.94	25.0000	-0.23277*
4	89.98/ 87.77	50.0000	-0.21635*

CONTROL IT/I0 = 69.79/ 91.30
CORRECTION FACTOR = 0.7644

IC50 IS GREATER THAN HIGHEST CONCENTRATION
* Invalid data or controls

43% effect during 100% screen
diluent → 32 ppt artificial

MICROTOX DATA REPORT

FILE NAME: MALSTN6B.K15 TEST DATE:_____
TEST TIME:_____
Investigator: MF Approved by:_____
Sample Description: Malaspina Station 6b 28 June 94
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 15 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	100.87/111.71	6.2500	-0.22620*
2	92.56/105.90	12.5000	-0.25099*
3	92.28/109.57	25.0000	-0.27827*
4	89.98/105.58	50.0000	-0.26966*

CONTROL IT/I0 = 78.24/ 91.30
CORRECTION FACTOR = 0.8570

IC50 IS GREATER THAN HIGHEST CONCENTRATION

* Invalid data or controls

50% effect during 100% screen
diluent → 32 ppt artificial

MICROTOX DATA REPORT

FILE NAME: MALPTGRY.R5

TEST DATE: 11 July 94
TEST TIME: _____

Investigator: D. Lee

Approved by: _____

controls = natural seawater adjusted with brine

Procedure: SCREEN
Test Time: 5 minutes

Osmotic Adjustment: no
Concentration Units: %

NUMBER	DESCRIPTION	CONCENTRATION	GAMMA	%EFFECT
1	Mal 7A	%100.00	0.000	0.00
2	Mal 7B	%100.00	0.000	0.00
3	Mal 8A	%100.00	0.000	0.00
4	Mal 8B	%100.00	0.000	0.00
5	Mal 9A	%100.00	0.000	0.00
6	Mal 9B	%100.00	0.000	0.00
7	Pt. Grey 27	%100.00	0.000	0.00
8	Pt. Grey 29	%100.00	0.000	0.00
9	Pt. Grey 34	%100.00	0.000	0.00
10	Pt. Grey 36	%100.00	0.000	0.00
11	Walton Beach	%100.00	0.000	0.00
12	Pender Harbour A	%100.00	0.000	0.00
13	Pender Harbour B	%100.00	1.000	50.00 ✓
14	Halibut Bank A	%100.00	0.000	0.00
15	Halibut Bank B	%100.00	0.000	0.00

MICROTOX DATA REPORT

FILE NAME: MALPTGRY.R15

TEST DATE: _____
TEST TIME: _____

Investigator: _____

Approved by: _____

Procedure: SCREEN
Test Time: 15 minutes

Osmotic Adjustment: no
Concentration Units: %

NUMBER	DESCRIPTION	CONCENTRATION	GAMMA	%EFFECT
1	Mal 7A	%100.00	0.000	0.00
2	Mal 7B	%100.00	0.000	0.00
3	Mal 8A	%100.00	0.000	0.00
4	Mal 8B	%100.00	0.000	0.00
5	Mal 9A	%100.00	0.000	0.00
6	Mal 9B	%100.00	0.000	0.00
7	Pt. Grey 27	%100.00	0.000	0.00
8	Pt. Grey 29	%100.00	0.000	0.00
9	Pt. Grey 34	%100.00	0.000	0.00
10	Pt. Grey 36	%100.00	0.000	0.00
11	Walton Beach	%100.00	0.000	0.00
12	Pender Harbour A	%100.00	0.000	0.00
13	Pender Harbour B	%100.00	1.000	50.00 ✓
14	Halibut Bank A	%100.00	0.000	0.00
15	Halibut Bank B	%100.00	0.000	0.00

MICROTOX DATA REPORT

FILE NAME: PHB0711.K5 TEST DATE: 11 July 94
TEST TIME:
Investigator: D.Lee Approved by:
Sample Description: Pender Harbour B (Frozen sediment) 11 July 94
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	95.86/ 97.16	6.2500	-0.04505*
2	88.11/ 83.55	12.5000	0.02073
3	93.75/ 93.52	25.0000	-0.02972*
4	95.69/ 63.54	50.0000	0.45764

CONTROL IT/IO = 89.86/ 92.84
CORRECTION FACTOR = 0.9679

RECOMMEND: PERFORM 100% ASSAY ON THIS SAMPLE

* Invalid data or controls

Sample flagged during screen test.

MICROTOX DATA REPORT

FILE NAME: PHB0711.K15 TEST DATE: 11 July 94
TEST TIME: _____
Investigator: D. Lee Approved by: _____
Sample Description: Pender Harbour B Frozen July 11
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 15 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	93.75/139.38	6.2500	0.05365#
2	96.23/139.37	12.5000	0.08160#
3	93.46/139.36	25.0000	0.05054#
4	92.35/139.36	50.0000	0.03806#

CONTROL IT/IO = 139.37/ 88.97
CORRECTION FACTOR = 1.5665

Graph did not print.

MICROTOX DATA REPORT

FILE NAME: PHB0711.K15 TEST DATE: _____
TEST TIME: _____
Investigator: _____ Approved by: _____
Sample Description: Pender Harbour B Frozen July 11
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 15 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	93.75/139.38	6.2500	0.05365#
2	96.23/139.37	12.5000	0.08160#
3	93.46/139.36	25.0000	0.05054#
4	92.35/139.36	50.0000	0.03806#

CONTROL IT/IO = 139.37/ 88.97
CORRECTION FACTOR = 1.5665

sample flagged during screen test

MICROTOX DATA REPORT

FILE NAME: JUL19SC.R5

TEST DATE: 19 July 94
TEST TIME: _____

Investigator: M.Fennell

Approved by: _____

controls = natural seawater adjusted with brine

Procedure: SCREEN
Test Time: 5 minutes

Osmotic Adjustment: no
Concentration Units: %

NUMBER	DESCRIPTION	CONCENTRATION	GAMMA	%EFFECT
1	SPT diluent 35ppt	%100.00	1.000	50.00 ✓
2	Walton Beach 33ppt	%100.00	1.000	50.00 ✓
3	Halibut Bank A 30ppt	%100.00	0.000	0.00
4	Halibut Bank B 28ppt	%100.00	0.000	0.00
5	Point Grey-25 28ppt	%100.00	0.000	0.00
6	Point Grey-31 28ppt	%100.00	0.000	0.00
7	Point Grey-38 29ppt	%100.00	0.000	0.00
8	Point Grey-40 30ppt	%100.00	0.000	0.00
9	Cape Mudge 1A 30ppt	%100.00	0.000	0.00
10	Cape Mudge 1B 30ppt	%100.00	0.000	0.00
11	Cape Mudge 2A 30ppt	%100.00	0.000	0.00
12	Cape Mudge 2B 30ppt	%100.00	1.000	50.00 ✓
13	Cape Mudge 3A 30ppt	%100.00	0.000	0.00
14	Cape Mudge 3B 30ppt	%100.00	1.000	50.00 ✓
15	Cape Mudge 4A 30ppt	%100.00	0.000	0.00
16	Cape Mudge 4B 30ppt	%100.00	0.000	0.00

MICROTOX DATA REPORT

FILE NAME: JUL19SC.R15

TEST DATE: _____
TEST TIME: _____

Investigator: _____

Approved by: _____

Procedure: SCREEN
Test Time: 15 minutes

Osmotic Adjustment: no
Concentration Units: %

NUMBER	DESCRIPTION	CONCENTRATION	GAMMA	%EFFECT
1	SPT diluent 35ppt	%100.00	1.000	50.00 ✓
2	Walton Beach 33ppt	%100.00	1.000	50.00 ✓
3	Halibut Bank A 30ppt	%100.00	0.000	0.00
4	Halibut Bank B 28ppt	%100.00	0.000	0.00
5	Point Grey-25 28ppt	%100.00	0.000	0.00
6	Point Grey-31 28ppt	%100.00	0.000	0.00
7	Point Grey-38 29ppt	%100.00	0.000	0.00
8	Point Grey-40 30ppt	%100.00	0.000	0.00
9	Cape Mudge 1A 30ppt	%100.00	0.000	0.00
10	Cape Mudge 1B 30ppt	%100.00	0.000	0.00
11	Cape Mudge 2A 30ppt	%100.00	0.000	0.00
12	Cape Mudge 2B 30ppt	%100.00	1.000	50.00 ✓
13	Cape Mudge 3A 30ppt	%100.00	0.000	0.00
14	Cape Mudge 3B 30ppt	%100.00	1.000	50.00 ✓
15	Cape Mudge 4A 30ppt	%100.00	0.000	0.00
16	Cape Mudge 4B 30ppt	%100.00	0.000	0.00

MICROTOX DATA REPORT

FILE NAME: SPTDIL.K5 TEST DATE: 19 July 94
TEST TIME:
Investigator: M. Fennell Approved by:
Sample Description: solid-phase test diluent (35ppt with solid NaCl).
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	88.66/ 82.04	6.2500	0.00944*
2	93.85/ 91.02	12.5000	-0.03689*
3	88.29/ 82.27	25.0000	0.00241*
4	84.45/ 79.81	50.0000	-0.01163*

CONTROL IT/IO = 88.54/ 94.79
CORRECTION FACTOR = 0.9341

IC50 IS GREATER THAN HIGHEST CONCENTRATION
* Invalid data or controls

Sample flagged during screen test.

MICROTOX DATA REPORT

FILE NAME: SPTDIL.K15 TEST DATE:
TEST TIME:
Investigator: Approved by:
Sample Description: solid-phase test diluent (35ppt with solid NaCl).
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 15 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	88.66/ 86.80	6.2500	-0.00239*
2	93.85/ 94.25	12.5000	-0.02746*
3	88.29/ 87.25	25.0000	-0.01167*
4	84.45/ 83.80	50.0000	-0.01574*

CONTROL IT/IO = 92.58/ 94.79
CORRECTION FACTOR = 0.9767

IC50 IS GREATER THAN HIGHEST CONCENTRATION
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: CM2B.K5 TEST DATE: 19 July 94
TEST TIME: _____
Investigator: M. Fennell Approved by: _____
Sample Description: Cape Mudge station 2B pore water sample @ 30ppt.
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	88.66/ 87.76	6.2500	-0.05663*
2	89.08/ 87.95	12.5000	-0.05421*
3	90.23/ 85.04	25.0000	-0.00921*
4	91.43/ 83.19	50.0000	0.02629

CONTROL IT/IO = 95.35/102.11
CORRECTION FACTOR = 0.9338

IC50 IS GREATER THAN HIGHEST CONCENTRATION

* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: CM2B.K15 TEST DATE: _____
TEST TIME: _____
Investigator: _____ Approved by: _____
Sample Description: Cape Mudge station 2B pore water sample @ 30ppt.
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 15 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	88.66/ 89.57	6.2500	-0.05805*
2	89.08/ 90.16	12.5000	-0.05978*
3	90.23/ 88.00	25.0000	-0.02426*
4	91.43/ 85.99	50.0000	0.01182

CONTROL IT/IO = 97.17/102.11
CORRECTION FACTOR = 0.9516

IC50 IS GREATER THAN HIGHEST CONCENTRATION

* Invalid data or controls

Sample flagged during screen test.

MICROTOX DATA REPORT

FILE NAME: CM3B.K5 TEST DATE: 19 July 94
TEST TIME: _____
Investigator: M. Fennell Approved by: _____
Sample Description: Cape Mudge station 3B pore water sample @ 30ppt.
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	91.76/ 90.77	6.2500	-0.04865*
2	92.57/ 90.71	12.5000	-0.03962*
3	93.08/ 85.71	25.0000	0.02200
4	95.40/ 77.20	50.0000	0.16294

CONTROL IT/IO = 87.53/ 93.01
CORRECTION FACTOR = 0.9411
SLOPE = 2.8886

RECOMMEND: RERUN SAMPLE USING NARROWER DILUTION SCHEME
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: CM3B.K15 TEST DATE: _____
TEST TIME: _____
Investigator: _____ Approved by: _____
Sample Description: Cape Mudge station 3B pore water sample @ 30ppt.
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 15 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	91.76/ 91.49	6.2500	-0.04083*
2	92.57/ 91.40	12.5000	-0.03141*
3	93.08/ 87.82	25.0000	0.01363
4	95.40/ 80.95	50.0000	0.12706

CONTROL IT/IO = 88.95/ 93.01
CORRECTION FACTOR = 0.9563
SLOPE = 3.2207

RECOMMEND: RERUN SAMPLE USING NARROWER DILUTION SCHEME
* Invalid data or controls

Sample flagged during screen test.

MICROTOX DATA REPORT

FILE NAME: CM3B2.K5 TEST DATE: 21 July 94
TEST TIME:
Investigator: M. Fennell Approved by:
Sample Description: Cape Mudge stn 3B pore water sample, spun 21Jul94 for narrow dilution
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 1.5
Test Time: 5 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	102.06/ 93.81	6.5844	0.01416
2	97.44/ 92.34	9.8765	-0.01634*
3	100.64/ 93.06	14.8148	0.00811*
4	104.28/ 93.18	22.2222	0.04323#
5	94.41/ 79.73	33.3333	0.10381#
6	108.56/ 83.64	50.0000	0.20992#

CONTROL IT/IO = 87.83/ 94.22
CORRECTION FACTOR = 0.9322

IC50 IS GREATER THAN HIGHEST CONCENTRATION

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: CM3B2.K15 TEST DATE:
TEST TIME:
Investigator: Approved by:
Sample Description: Cape Mudge stn 3B pore water sample, spun 21Jul94 for narrow dilution
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 1.5
Test Time: 15 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	102.06/ 95.55	6.5844	-0.01122*
2	97.44/ 93.68	9.8765	-0.03714*
3	100.64/ 97.18	14.8148	-0.04134*
4	104.28/ 97.93	22.2222	-0.01427*
5	94.41/ 85.74	33.3333	0.01931
6	108.56/ 91.14	50.0000	0,10264

CONTROL IT/IO = 87.22/ 94.22
CORRECTION FACTOR = 0.9257
SLOPE = 4.1198

RECOMMEND: RERUN SAMPLE USING NARROWER DILUTION SCHEME

* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: STN6BNAT.K5 TEST DATE:_____

TEST TIME:_____

Investigator: MF Approved by:_____

Sample Description: Malaspina station 6B, June28/94

Procedure: BASIC Osmotic Adjustment: none

Initial Concentration : 50 % Dilution Factor : 2

Test Time: 5 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	95.44/ 80.70	6.2500	-0.00068*
2	93.93/ 83.95	12.5000	-0.05456*
3	93.13/ 76.85	25.0000	0.02399
4	91.17/ 72.78	50.0000	0.05850

CONTROL IT/IO = 80.13/ 94.83

CORRECTION FACTOR = 0.8450

SLOPE = 1.2860

RECOMMEND: PERFORM 100% ASSAY ON THIS SAMPLE

* Invalid data or controls

~~50%~~ effect during 100% screen

diluent → natural seawater @ 28ppt

MICROTOX DATA REPORT

FILE NAME: STN6BNAT.K15 TEST DATE:_____

TEST TIME:_____

Investigator: MF Approved by:_____

Sample Description: Malaspina station 6B, June28/94

Procedure: BASIC Osmotic Adjustment: none

Initial Concentration : 50 % Dilution Factor : 2

Test Time: 15 minutes Concentration Units: %

NUMBER	I0/IT	CONC.	GAMMA
1	95.44/ 82.08	6.2500	0.00582*
2	93.93/ 83.35	12.5000	-0.02518*
3	93.13/ 79.49	25.0000	0.01345
4	91.17/ 76.18	50.0000	0.03523

CONTROL IT/I0 = 82.03/ 94.83

CORRECTION FACTOR = 0.8650

SLOPE = 1.3889

RECOMMEND: PERFORM 100% ASSAY ON THIS SAMPLE

* Invalid data or controls

50% effect during 100% screen

diluent → natural seawater @ 28 ppt

MICROTOX DATA REPORT

FILE NAME: JUL19WB.K5 TEST DATE: 19July94
TEST TIME:
Investigator: M.Fennell Approved by:
Sample Description: Walton Beach pore water sample taken 19July94 (33 ppt).
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	91.42/ 81.44	6.2500	0.00603*
2	109.27/ 93.67	12.5000	0.04547#
3	102.11/ 80.49	25.0000	0.13693#
4	96.57/ 65.43	50.0000	0.32274#

CONTROL IT/IO = 86.52/ 96.54
CORRECTION FACTOR = 0.8962

IC50 IS GREATER THAN HIGHEST CONCENTRATION

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: JUL19WB.K15 TEST DATE:
TEST TIME:
Investigator: Approved by:
Sample Description: Walton Beach pore water sample taken 19July94 (33 ppt).
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 2
Test Time: 15 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	91.42/ 82.61	6.2500	-0.00111*
2	109.27/ 95.46	12.5000	0.03321#
3	102.11/ 83.29	25.0000	0.10659#
4	96.57/ 69.35	50.0000	0.25692#

CONTROL IT/IO = 87.14/ 96.54
CORRECTION FACTOR = 0.9026

IC50 IS GREATER THAN HIGHEST CONCENTRATION

Used for calculations
* Invalid data or controls

Sample flagged during screen test.

MICROTOX DATA REPORT

FILE NAME: 2AUGSC.R5 TEST DATE: 2Aug94
TEST TIME:
Investigator: M Fennell Approved by:

Procedure: SCREEN Osmotic Adjustment: no
Test Time: 5 minutes Concentration Units: %

NUMBER	DESCRIPTION	CONCENTRATION	GAMMA	%EFFECT
1	CAPE MUDGE 5A 30ppt	%100.00	0.047	4.52
2	CAPE MUDGE 5B 30ppt	%100.00	0.156	13.46
3	CAPE MUDGE 6A 30ppt	%100.00	0.072	6.69
4	CAPE MUDGE 6B 30ppt	%100.00	0.201	16.73
5	CAPE MUDGE 7A 30ppt	%100.00	0.090	8.24
6	CAPE MUDGE 7B 30ppt	%100.00	0.071	6.63
7	WALTON BEACH 34ppt	%100.00	0.930	48.18 ✓
8	CAPE MUDGE 8A 31ppt	%100.00	0.144	12.62
9	CAPE MUDGE 8B 32ppt	%100.00	0.102	9.22
10	CAPE MUDGE 9A 30ppt	%100.00	0.082	7.57
11	CAPE MUDGE 9B 31ppt	%100.00	0.114	10.25

Natural seawater control @ 30 ppt

MICROTOX DATA REPORT

FILE NAME: 2AUGSC.R15 TEST DATE:
TEST TIME:
Investigator: Approved by:

Procedure: SCREEN Osmotic Adjustment: no
Test Time: 15 minutes Concentration Units: %

NUMBER	DESCRIPTION	CONCENTRATION	GAMMA	%EFFECT
1	CAPE MUDGE 5A	%100.00	0.040	3.81
2	CAPE MUDGE 5B	%100.00	0.114	10.27
3	CAPE MUDGE 6A	%100.00	0.085	7.82
4	CAPE MUDGE 6B	%100.00	0.241	19.42
5	CAPE MUDGE 7A	%100.00	0.075	6.96
6	CAPE MUDGE 7B	%100.00	0.025	2.47
7	WALTON BEACH	%100.00	0.740	42.51 ✓
8	CAPE MUDGE 8A	%100.00	0.134	11.84
9	CAPE MUDGE 8B	%100.00	0.049	4.64
10	CAPE MUDGE 9A	%100.00	0.074	6.93
11	CAPE MUDGE 9B	%100.00	0.138	12.15

MICROTOX DATA REPORT

FILE NAME: 2AUGWB.K5 TEST DATE: 2 Aug 94

TEST TIME: _____

Investigator: M Fennell Approved by: _____

Sample Description: WALTON BEACH SEDIMENT

Procedure: BASIC Osmotic Adjustment:

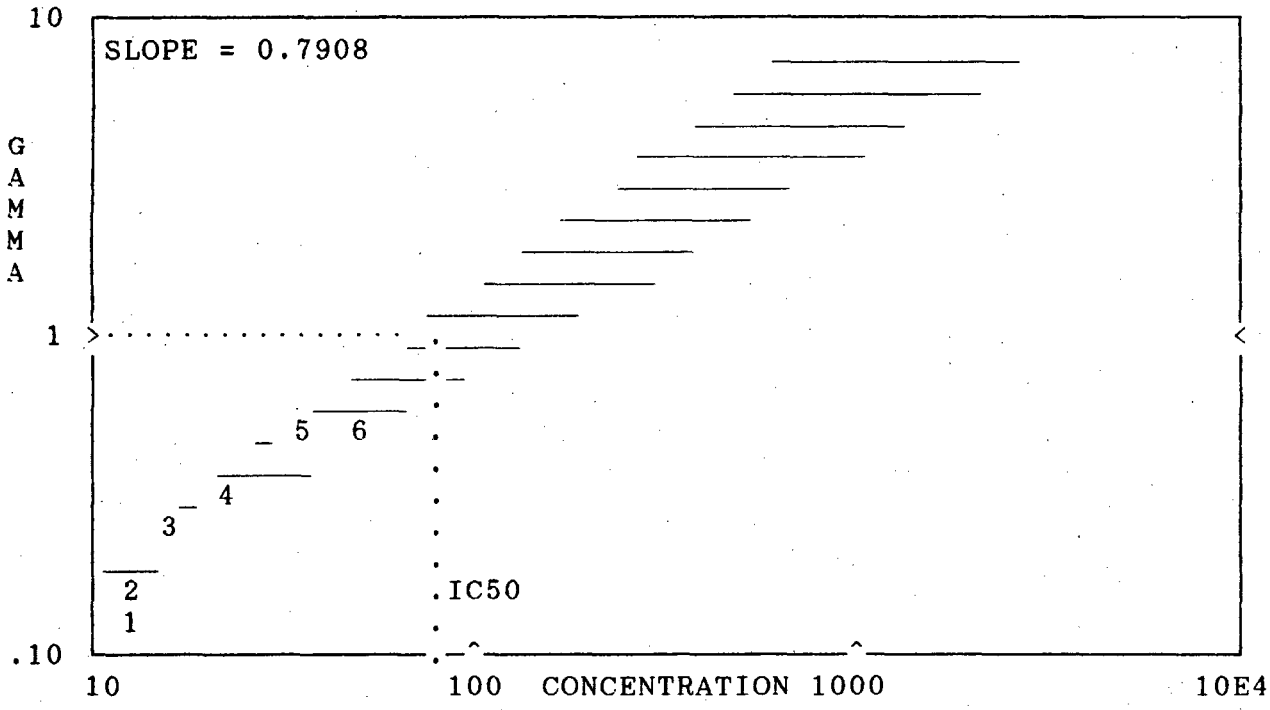
Initial Concentration : 50 % Dilution Factor : 1.5

Test Time: 5 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	93.97/ 83.37	6.5844	0.13158#
2	113.05/ 97.87	9.8765	0.15965#
3	105.84/ 81.54	14.8148	0.30312#
4	98.27/ 72.18	22.2222	0.36681#
5	104.01/ 68.37	33.3333	0.52727#
6	92.81/ 58.84	50.0000	0.58353#

CONTROL IT/IO = 96.98/ 96.60

CORRECTION FACTOR = 1.0039



IC50 78.2226% (95% CONFIDENCE RANGE: 48.9392 TO 125.0282)

48% effect @ 100% concentration during screen test.

Used for calculations

MICROTOX DATA REPORT

FILE NAME: 2AUGWB.K15 TEST DATE: 2 Aug 94

TEST TIME:

Investigator: M. Fennell Approved by:

Sample Description: WALTON BEACH ~~SEDIMENT~~ PORE WATER

Procedure: BASIC Osmotic Adjustment:

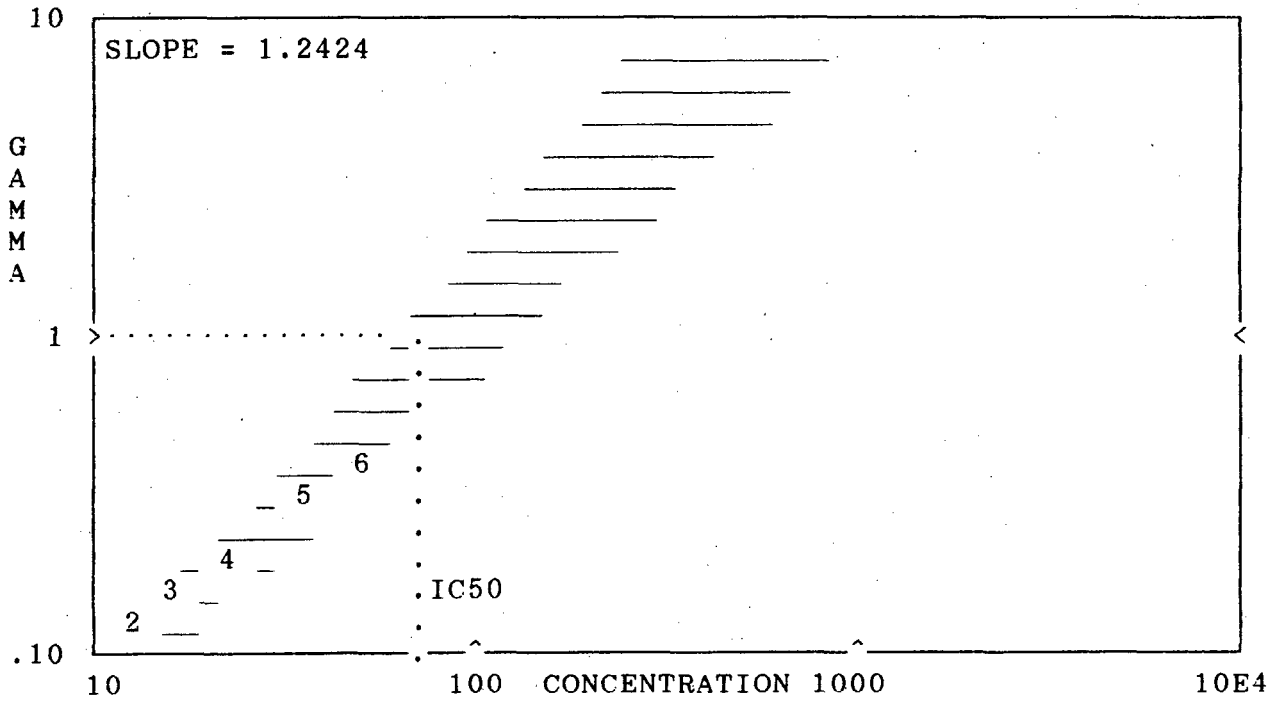
Initial Concentration : 50 % Dilution Factor : 1.5

Test Time: 15 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	93.97/ 92.08	6.5844	0.03933#
2	113.05/108.54	9.8765	0.06074#
3	105.84/ 91.62	14.8148	0.17649#
4	98.27/ 82.34	22.2222	0.21546#
5	104.01/ 77.87	33.3333	0.36030#
6	92.81/ 65.57	50.0000	0.44152#

CONTROL IT/IO = 98.38/ 96.60

CORRECTION FACTOR = 1.0184



IC50 74.7244% (95% CONFIDENCE RANGE: 44.6059 TO 125.1795)

42% effect @ 100% concentration during screen test.

Used for calculations

MICROTOX DATA REPORT

FILE NAME: PHBR.K5 TEST DATE: 2Aug94
TEST TIME:
Investigator: D Lee Approved by:
Sample Description: PENDER HARBOUR (FROZEN SEDIMENT) RETEST 2 AUGUST 94
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 1.5
Test Time: 5 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	99.77/100.24	14.8148	-0.02441*
2	97.67/ 99.26	22.2222	-0.03552*
3	98.23/ 99.73	33.3333	-0.03456*
4	100.29/102.22	50.0000	-0.03832*

CONTROL IT/IO = 94.98/ 96.90
CORRECTION FACTOR = 0.9802

IC50 IS GREATER THAN HIGHEST CONCENTRATION

* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: PHBR.K15 TEST DATE:
TEST TIME:
Investigator: Approved by:
Sample Description: PENDER HARBOUR (FROZEN SEDIMENT) RETEST 2 AUGUST 94
Procedure: BASIC Osmotic Adjustment:
Initial Concentration : 50 % Dilution Factor : 1.5
Test Time: 15 minutes Concentration Units: %

NUMBER	IO/IT	CONC.	GAMMA
1	99.77/ 97.57	14.8148	-0.03412*
2	97.67/ 93.84	22.2222	-0.01687*
3	98.23/ 96.08	33.3333	-0.03428*
4	100.29/ 98.82	50.0000	-0.04137*

CONTROL IT/IO = 91.53/ 96.90
CORRECTION FACTOR = 0.9446

IC50 IS GREATER THAN HIGHEST CONCENTRATION

* Invalid data or controls

MICROTOX DATA REPORT

FILE: INDARM.R5
Test Time: 5 minutes Osmotic Adjustment: seawater

NUMBER	DESCRIPTION	CONCENTRATION	GAMMA	%EFFECT
1	Indian Arm Reference	%100.00	0.225	18.35

Signature [signature] TEST DATE: 18 August 94
TIME: 14:50:18

26 ppt salinity

Control water = natural seawater salinity adjusted from 28ppt to 26ppt with deionized water.

MICROTOX DATA REPORT

FILE: INDARM.R15
Test Time: 15 minutes Osmotic Adjustment: seawater

NUMBER	DESCRIPTION	CONCENTRATION	GAMMA	%EFFECT
1	Indian Arm Reference	%100.00	0.072	6.69

Signature [signature] TEST DATE: 18 August 94
TIME: 14:48:51

Microtox Solid Phase
Sampling Site: Point Grey
Test Period: 21 - 22 June 94

Treatment	95% C.I.		
	IC50	LCI	UCI
Point Grey 25B (Frozen)	1.2214	0.8779	1.6993
Point Grey 27B	0.7853	0.6806	0.9062
Point Grey 29B	1.0947	0.9624	1.2452
Point Grey 31B	0.5739	0.4598	0.7165
Point Grey 34B	0.7674	0.7615	0.7734
Point Grey 36B	0.7061	0.5957	0.837
Point Grey 38B	0.691	0.5568	0.8574
Point Grey 40B	0.5249	0.4543	0.6065
Walton Beach	0.6935	0.5871	0.8191

Microtox Solid Phase
Sampling Site:Malaspina 1A - 6B
Test Period: 28 - 29 June 94

Treatment	95% C.I.		
	IC50	LCI	UCI
Malaspina 1A	0.8644	0.6044	1.236
Malaspina 1B	0.4924	0.3734	0.6494
Malaspina 2A	0.667	0.5234	0.8501
Malaspina 2B	0.3508	0.3339	0.3684
Malaspina 3A	0.797	0.7011	0.9059
Malaspina 3B	0.3619	0.2973	0.4405
Malaspina 4A	0.2822	0.2516	0.3166
Malaspina 4B	0.1662	0.1231	0.2243
Malaspina 5A	0.4122	0.2951	0.5758
Malaspina 5B	0.3416	0.3387	0.3444
Malaspina 6A	0.2409	0.2074	0.2799
Malaspina 6B	0.2735	0.236	0.3171
Pender Harbour A	0.5239	0.4669	0.5878
Pender Harbour B	0.3482	0.3211	0.3776

Microtox Solid Phase
Sampling Site:Malaspina 7A - 9B; Point Grey 27A, 34A, 36A
Test Period: 11 - 12 July 94

Treatment	95% C.I.		
	IC50	LCI	UCI
Test Sediments			
Malaspina 7A	0.7994	0.7099	0.9003
Malaspina 7B	0.3772	0.3379	0.421
Malaspina 8A	0.4438	0.3967	0.4965
Malaspina 8B	0.3397	0.307	0.3757
Malaspina 9A	0.3856	0.3715	0.4003
Malaspina 9B	0.4811	0.4179	0.5539
Point Grey 27A	0.2658	0.2205	0.3204
Point Grey 34A	0.2446	0.2421	0.247
Point Grey 36A	0.2611	0.2143	0.3183
Reference Sediments			
Halibut Bank A	0.8599	0.6714	1.1014
Halibut Bank B	0.6614	0.5879	0.7442
Pender Harbour B	0.5677	0.4507	0.7151
Walton Beach	0.5873	0.5349	0.6447

Microtox Solid Phase
Sampling Site:Point Grey 25A, 29A, 31A, 38A, 40A; Cape Mudge 1A - 4B
Test Period: 19 - 21 July 94

Treatment	95% C.I.		
	IC50	LCI	UCI
Test Sediments			
Point Grey 25A	0.415	0.373	0.4617
Point Grey 29A	0.4199	0.3928	0.4489
Point Grey 31A	0.1617	0.1381	0.1892
Point Grey 38A	0.24	0.203	0.2838
Point Grey 40A	0.5608	0.4929	0.638
Cape Mudge 1A	2.635	2.2853	3.0382
Cape Mudge 1B	2.9492	2.5226	3.4479
Cape Mudge 2A	1.1529	1.0197	1.3035
Cape Mudge 2B	2.2069	2.0651	2.3586
Cape Mudge 3A	1.1158	0.9941	1.2524
Cape Mudge 3B	1.0866	0.967	1.221
Cape Mudge 4A	2.9616	2.4887	3.5243
Cape Mudge 4B	3.5463	2.7599	4.5567
Reference Sediments			
Halibut Bank A	0.6663	0.5286	0.8398
Halibut Bank B	0.4291	0.3602	0.5111
Pender Harbour A	0.5948	0.4755	0.7439

Microtox Solid Phase
Sampling Site: Cape Mudge 5A - 9B
Test Period: 2 August 94

Treatment	95% C.I.		
	IC50	LCI	UCI
Test Sediments			
Cape Mudge 5A	1.106	0.9394	1.3022
Cape Mudge 5B	1.6796	1.5122	1.8655
Cape Mudge 6A	1.2048	0.8824	1.645
Cape Mudge 6B	1.1925	1.0082	1.4104
Cape Mudge 7A	1.4714	1.3957	1.5512
Cape Mudge 7B	2.4446	1.6915	3.529
Cape Mudge 8A	1.8396	1.754	1.9293
Cape Mudge 8B	1.865	1.6755	2.0759
Cape Mudge 9A	1.6872	1.6434	1.7321
Cape Mudge 9B	1.4904	1.3688	1.6228
Reference Sediments			
Walton Beach	0.6263	0.5522	0.7104

Microtox Solid Phase
Reference Sediments: Indian Arm and SSM
Test Period: 18 August 94

Treatment	95% C.I.		
	IC50	LCI	UCI
Indian Arm	0.405	0.3813	0.4302
SSM	3.6265	3.0402	4.3258

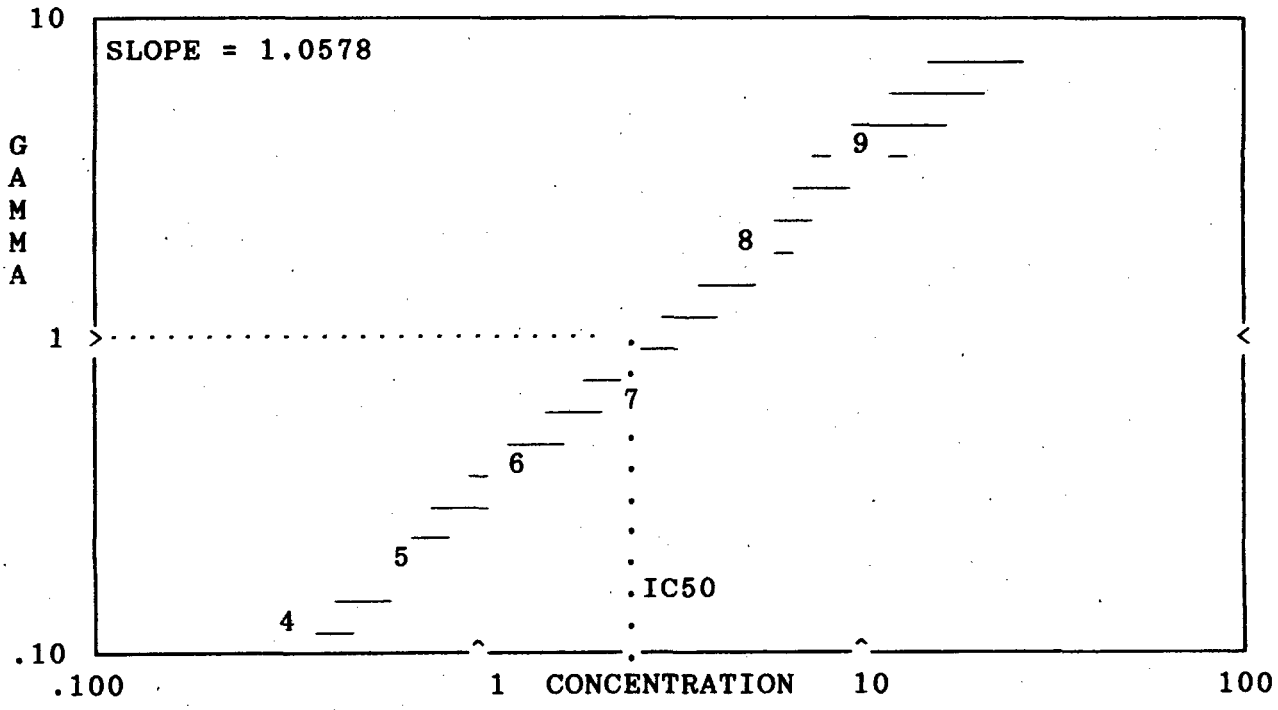
Site	Sediment Sample Weight replicate 1	replicate 2	replicate 3	Average	S.D.	Moisture	Uncorrected EC50	Corrected EC50	Corrected UCL
Cape Mudge 1A	3.34	3.60	3.62	3.520	0.156	0.296	2.635	1.855	2.139
Cape Mudge 2A	3.00	2.86	3.06	2.973	0.103	0.405	1.153	0.686	0.776
Cape Mudge 3A	1.74	1.66	1.38	1.593	0.189	0.681	1.116	0.356	0.4
Cape Mudge 4A	3.19	3.54	2.78	3.170	0.380	0.366	2.962	1.878	2.234
Cape Mudge 5A	2.14	2.78	3.43	2.783	0.645	0.443	1.106	0.616	0.725
Cape Mudge 6A	2.08	1.38	1.97	1.810	0.376	0.638	1.205	0.436	0.595
Cape Mudge 7A	3.09	2.92	3.06	3.023	0.091	0.395	1.471	0.890	0.938
Cape Mudge 8A	3.41	3.02	3.42	3.283	0.228	0.343	1.840	1.208	1.268
Cape Mudge 9A	2.06	1.82	1.74	1.873	0.167	0.625	1.687	0.632	0.65
Malaspina 1A	1.42	1.39	1.27	1.360	0.079	0.728	0.864	0.235	0.336
Malaspina 2A	1.40	1.28	1.25	1.310	0.079	0.738	0.667	0.175	0.223
Malaspina 3A	1.40	1.32	1.36	1.360	0.040	0.728	0.797	0.217	0.246
Malaspina 4A	1.54	1.52	1.41	1.490	0.070	0.702	0.282	0.084	0.0943
Malaspina 5A	1.22	1.20	1.13	1.183	0.047	0.763	0.412	0.098	0.136
Malaspina 6A	1.41	1.46	1.47	1.447	0.032	0.711	0.241	0.070	0.0809
Malaspina 7A	1.34	1.12	1.40	1.287	0.147	0.743	0.799	0.206	0.231
Malaspina 8A	1.34	1.13	1.35	1.273	0.124	0.745	0.444	0.113	0.127
Malaspina 9A	1.36	1.48	1.60	1.480	0.120	0.704	0.386	0.114	0.118
Point Grey 25A	2.10	1.38	1.24	1.573	0.461	0.685	0.415	0.131	0.145
Point Grey 27A	2.03	2.06	2.20	2.097	0.091	0.581	0.266	0.111	0.134
Point Grey 29A	1.74	1.37	2.60	1.903	0.631	0.619	0.420	0.160	0.171
Point Grey 31A	2.45	1.18	1.69	1.773	0.639	0.645	0.162	0.057	0.067
Point Grey 34A	1.89	2.31	2.36	2.187	0.258	0.563	0.245	0.107	0.108
Point Grey 36A	2.18	1.74	1.80	1.907	0.239	0.619	0.261	0.100	0.121
Point Grey 38A	1.75	1.70	2.00	1.817	0.161	0.637	0.240	0.087	0.103
Point Grey 40A	2.18	2.58	2.09	2.283	0.261	0.543	0.561	0.256	0.292
Pender Harbour	1.64	1.57	1.42	1.543	0.112	0.691	0.524	0.162	0.182
Pender Harbour	1.64	1.57	1.42	1.543	0.112	0.691	0.595	0.184	0.23
Halibut Bank	1.81	1.71	1.70	1.740	0.061	0.652	0.860	0.299	0.383
Halibut Bank	1.81	1.71	1.70	1.740	0.061	0.652	0.666	0.232	0.292
Indian Arm	3.12	2.55	2.57	2.747	0.323	0.451	0.405	0.222	0.236
SSM							3.627	3.627	

MICROTOX DATA REPORT

FILE NAME: CM1AX.SPT renamed 1A
TEST DATE:_____
TEST TIME:_____
Investigator: M Jennell
Approved by:_____
Sample Description: Cape Mudge Station 1A sediment redo, 21July94
Procedure: SOLID-PHASE
Osmotic Adjustment:
Initial Concentration : 9.868 %
Dilution Factor : 2
Test Time: 5 minutes
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	89.91	0.0385	-0.0158*
2	87.49	0.0771	0.0115
3	87.28	0.1542	0.0139
4	79.37	0.3084	0.1149#
5	72.75	0.6168	0.2164#
6	62.89	1.2335	0.4071#
7	49.67	2.4670	0.7816#
8	29.21	4.9340	2.0296#
9	16.20	9.8680	4.4626#

CONTROL It's : 93.89 85.25 86.34 Av. = 88.49



IC50 2.6350 (95% CONFIDENCE RANGE: 2.2853 TO 3.0382)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: CM2A.SPT

TEST DATE: 20 July 94
TEST TIME: _____

Investigator: M. Fennell

Approved by: _____

Sample Description: Cape Mudge station 2A sediment, centrifuged 19Jul94

Procedure: SOLID-PHASE

Osmotic Adjustment:

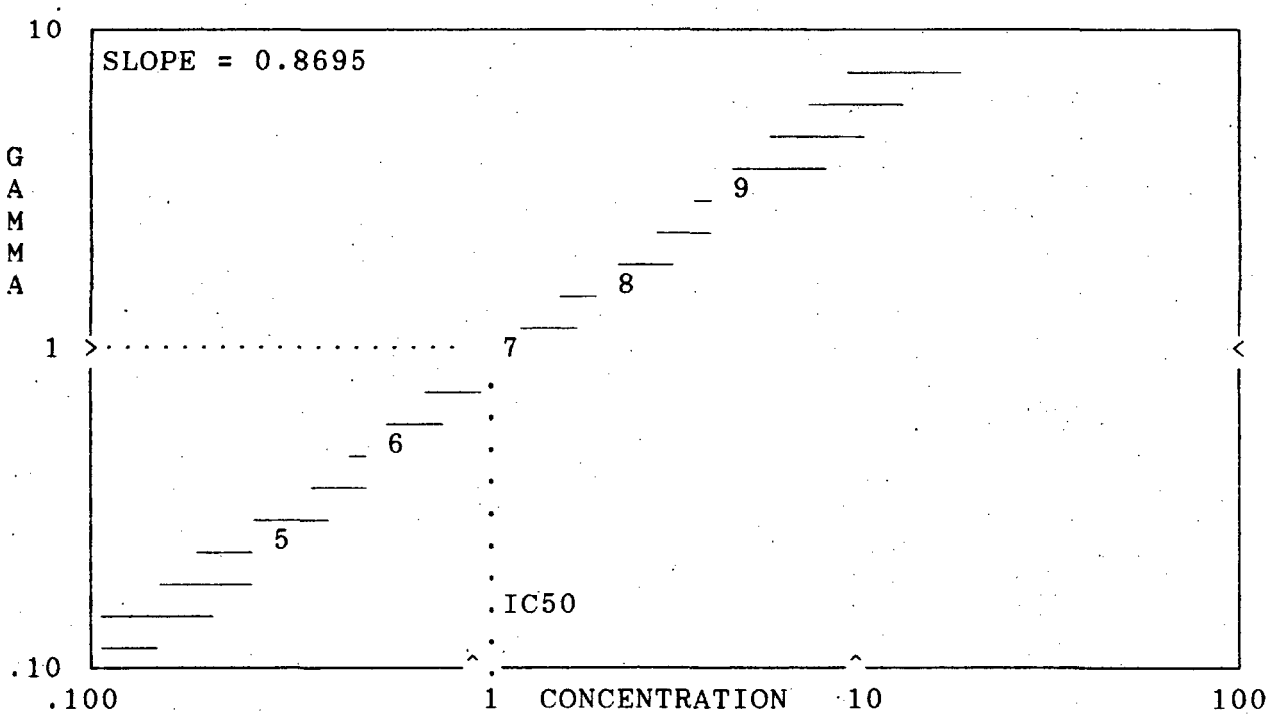
Initial Concentration : 9.868 %

Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	87.05	0.0193	0.0603
2	85.85	0.0385	0.0751
3	90.59	0.0771	0.0188
4	86.60	0.1542	0.0658
5	70.55	0.3084	0.3082#
6	58.67	0.6168	0.5731#
7	42.25	1.2335	1.1845#
8	32.66	2.4670	1.8260#
9	20.44	4.9340	3.5155#
10	9.07	9.8680	9.1760
CONTROL It's :	92.95	93.94	90.00 Av. = 92.30



IC50 1.1529 (95% CONFIDENCE RANGE: 1.0197 TO 1.3035)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: CM3A.SPT

TEST DATE: 20July94

TEST TIME:

Investigator: M. Fennell

Approved by:

Sample Description: Cape Mudge station 3A centrifuged 19Jul94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

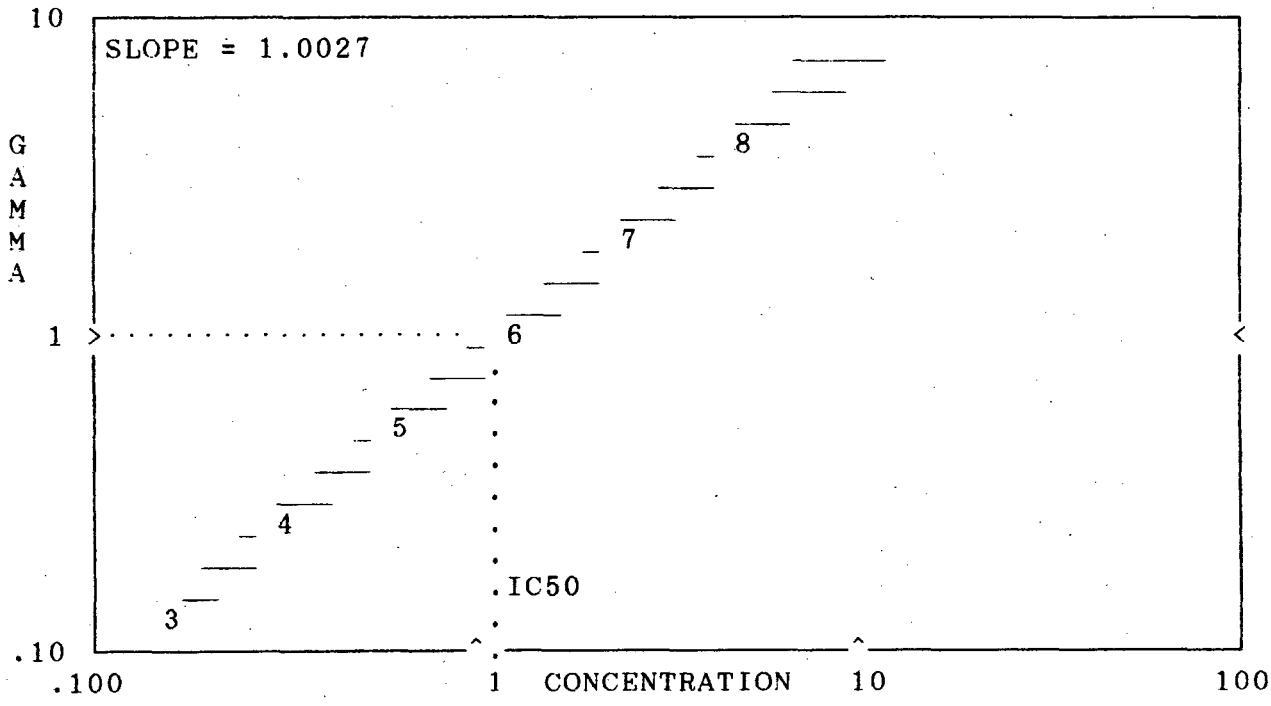
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	87.62	0.0385	0.0958
2	88.35	0.0771	0.0868
3	85.24	0.1542	0.1264#
4	73.73	0.3084	0.3023#
5	61.31	0.6168	0.5661#
6	47.50	1.2335	1.0214#
7	27.63	2.4670	2.4751#
8	18.73	4.9340	4.1264#
9	10.33	9.8680	8.2949

CONTROL It's : 93.94 101.98 92.13 Av. = 96.02



IC50 1.1158 (95% CONFIDENCE RANGE: 0.9941 TO 1.2524)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: CM4A.SPT

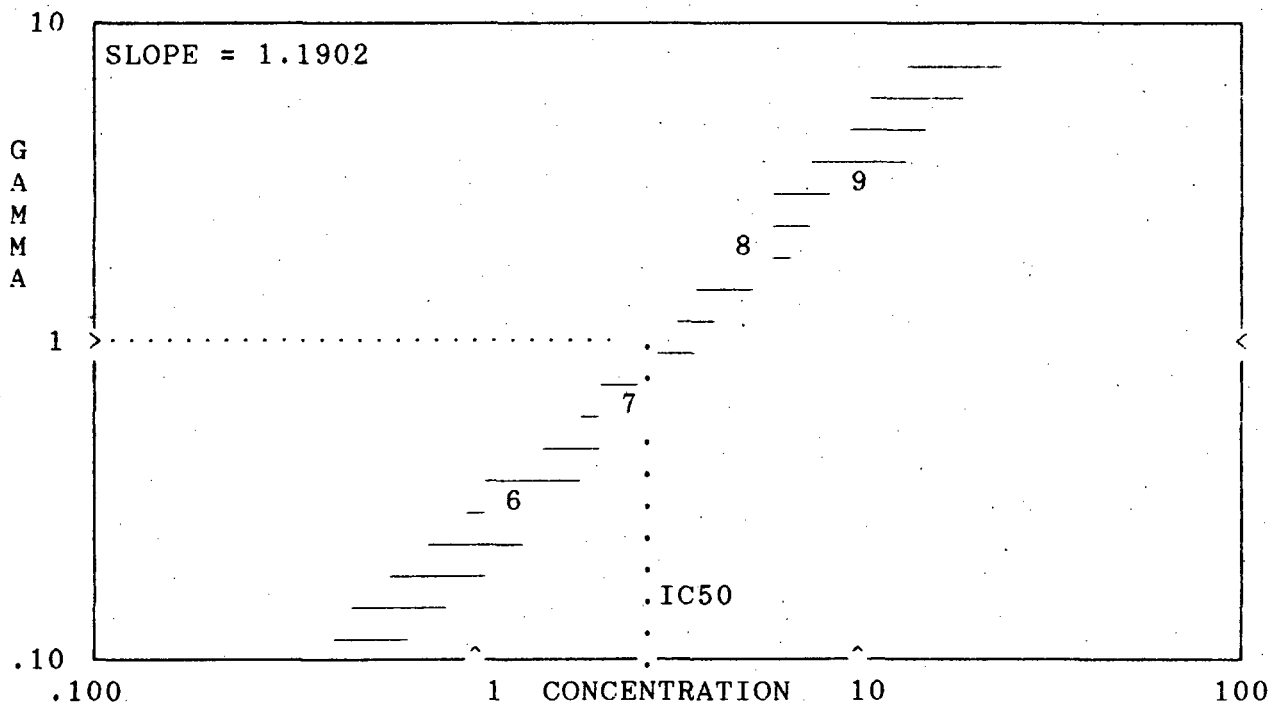
TEST DATE: 20 July 94
TEST TIME: _____

Investigator: M. Fennell
Approved by: _____

Sample Description: Cape Mudge station 4A centrifuged 19Jul94
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	81.46	0.0385	0.1394
2	85.69	0.0771	0.0831
3	81.62	0.1542	0.1371
4	88.70	0.3084	0.0464
5	75.00	0.6168	0.2375
6	69.04	1.2335	0.3443#
7	51.83	2.4670	0.7907#
8	30.40	4.9340	2.0531#
9	18.87	9.8680	3.9186#
CONTROL It's :	94.90	91.61	91.93 Av. = 92.81



IC50 2.9616 (95% CONFIDENCE RANGE: 2.4887 TO 3.5243)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: CM5A.SPT

TEST DATE: 2 Aug 94

TEST TIME: _____

Investigator: D Lee

Approved by: _____

Sample Description: Cape Mudge 5A (Fresh sediment) 2 August 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

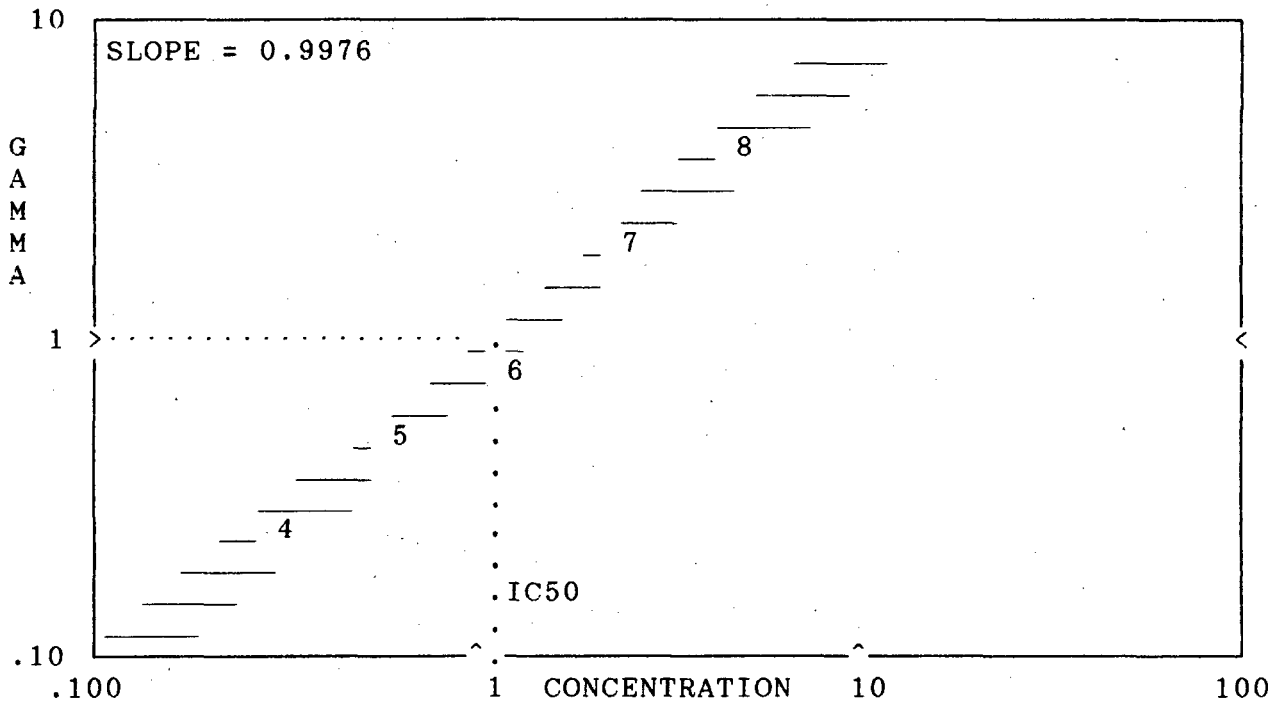
Initial Concentration : 9.868 %

Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	87.70	0.0385	0.0677
2	82.29	0.0771	0.1379
3	79.87	0.1542	0.1724
4	72.22	0.3084	0.2965#
5	59.36	0.6168	0.5774#
6	48.32	1.2335	0.9378#
7	28.62	2.4670	2.2717#
8	16.30	4.9340	4.7446#
9	3.64	9.8680	24.7244
CONTROL It's :	91.80	99.58	89.53 Av. = 93.64



IC50 1.1060% (95% CONFIDENCE RANGE: 0.9394 TO 1.3022)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: CM6A.SPT

TEST DATE: 2 Aug 94
TEST TIME:

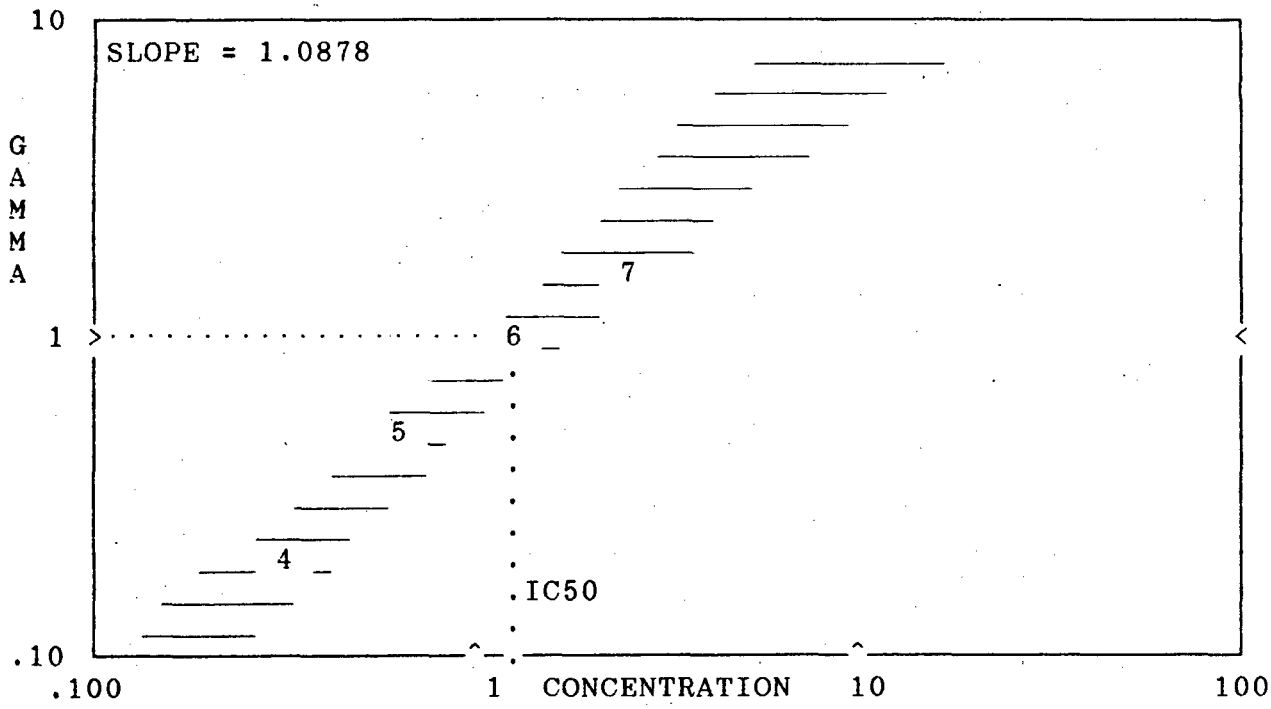
Investigator: D. Lee
Approved by:

Sample Description: CAPE MUDGE 6A (FRESH SEDIMENT) 2 AUGUST 94
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	95.12	0.0385	0.0057*
2	90.33	0.0771	0.0590
3	91.99	0.1542	0.0399
4	79.49	0.3084	0.2034#
5	62.33	0.6168	0.5347#
6	44.98	1.2335	1.1267#
7	32.33	2.4670	1.9589#
8	25.22	4.9340	2.7930
9	10.63	9.8680	7.9991

CONTROL It's : 94.12 98.32 94.54 Av. = 95.66



IC50 1.2048% (95% CONFIDENCE RANGE: 0.8824 TO 1.6450)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: CM7A.SPT

TEST DATE: 2 Aug 94
TEST TIME:

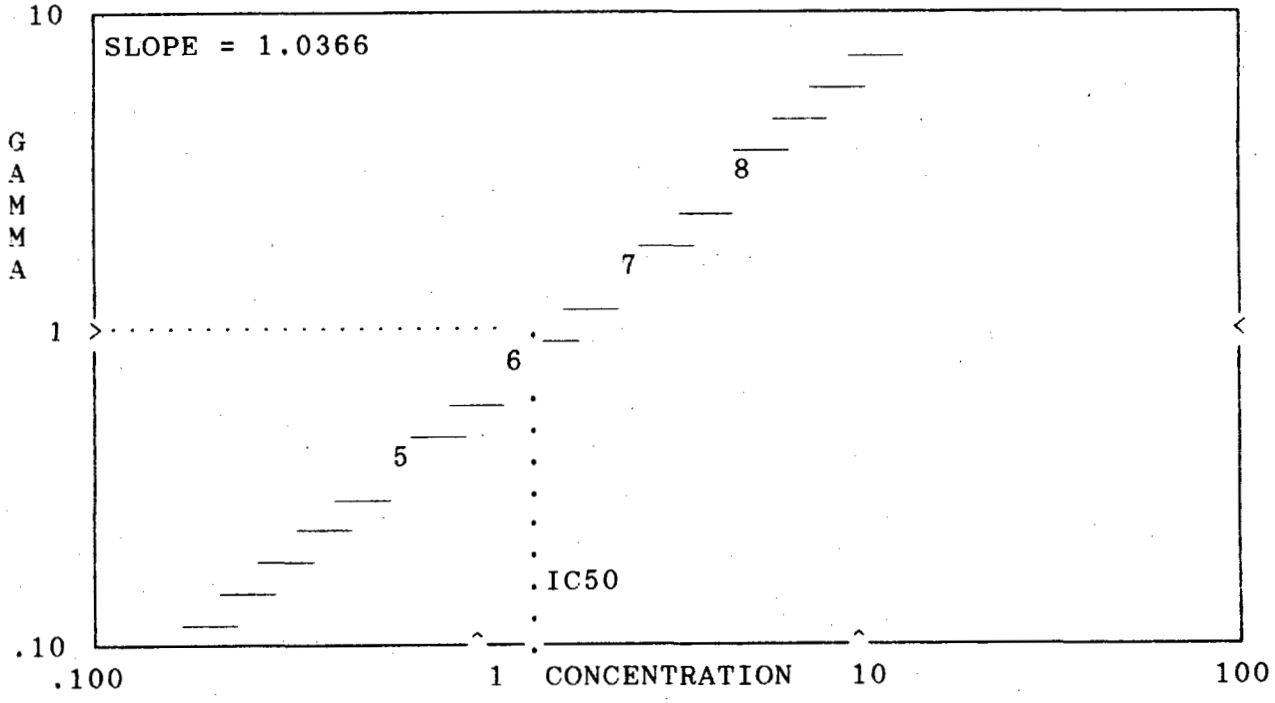
Investigator: D. Lee
Approved by:

Sample Description: CAPE MUDGE 7A (FRESH SEDIMENT)
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	92.76	0.0385	0.0227
2	83.70	0.0771	0.1335
3	80.30	0.1542	0.1814
4	75.98	0.3084	0.2486
5	67.84	0.6168	0.3984#
6	51.10	1.2335	0.8566#
7	35.00	2.4670	1.7106#
8	21.22	4.9340	3.4708#
9	7.76	9.8680	11.2255

CONTROL It's : 91.44 102.24 90.93 Av. = 94.87



IC50 1.4714 (95% CONFIDENCE RANGE: 1.3957 TO 1.5512)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: CM8A.SPT

TEST DATE: 2Aug94
TEST TIME: _____

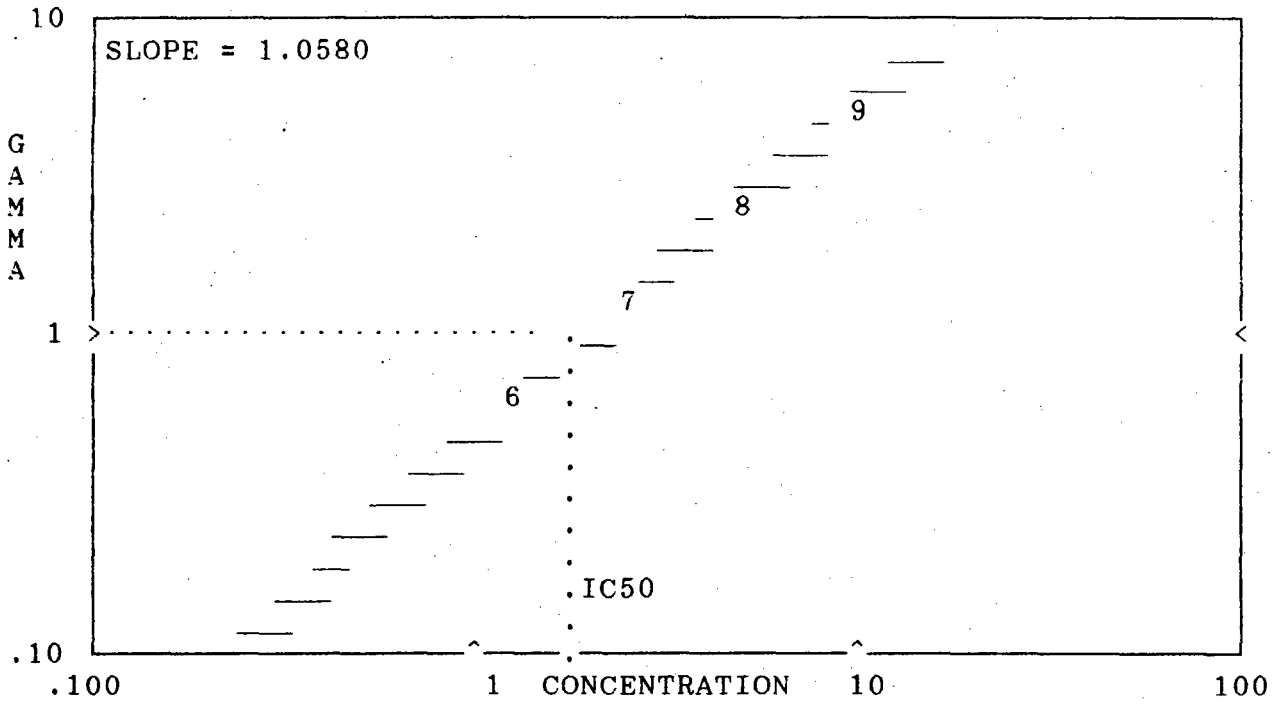
Investigator: M Fenwell
Approved by: _____

Sample Description: CAPE MUDGE STATION 8A SEDIMENT
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	95.50	0.0385	0.0064*
2	90.88	0.0771	0.0575
3	87.90	0.1542	0.0934
4	80.92	0.3084	0.1877
5	68.30	0.6168	0.4071
6	57.92	1.2335	0.6593#
7	40.62	2.4670	1.3660#
8	25.41	4.9340	2.7822#
9	13.74	9.8680	5.9947#

CONTROL It's : 98.27 100.13 89.92 Av. = 96.11



IC50 1.8396% (95% CONFIDENCE RANGE: 1.7540 TO 1.9293)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: CM9A.SPT

TEST DATE: 2Aug94
TEST TIME:

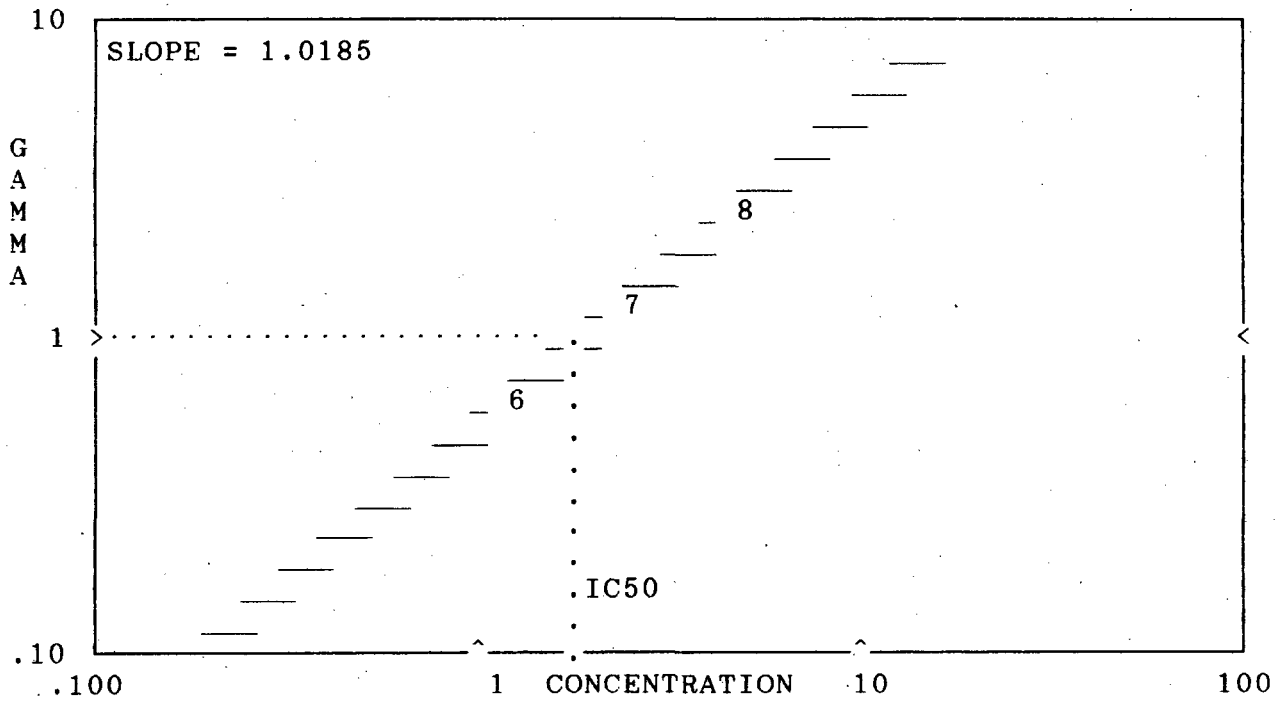
Investigator: MTennell
Approved by:

Sample Description: CAPE MUDGE STATION 9A SEDIMENT
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	86.29	0.0385	0.0866
2	87.09	0.0771	0.0767
3	83.83	0.1542	0.1185
4	78.87	0.3084	0.1889
5	67.57	0.6168	0.3877
6	54.27	1.2335	0.7278#
7	37.98	2.4670	1.4688#
8	23.52	4.9340	2.9867#
9	17.98	9.8680	4.2151

CONTROL It's : 97.25 95.89 88.16 Av. = 93.77



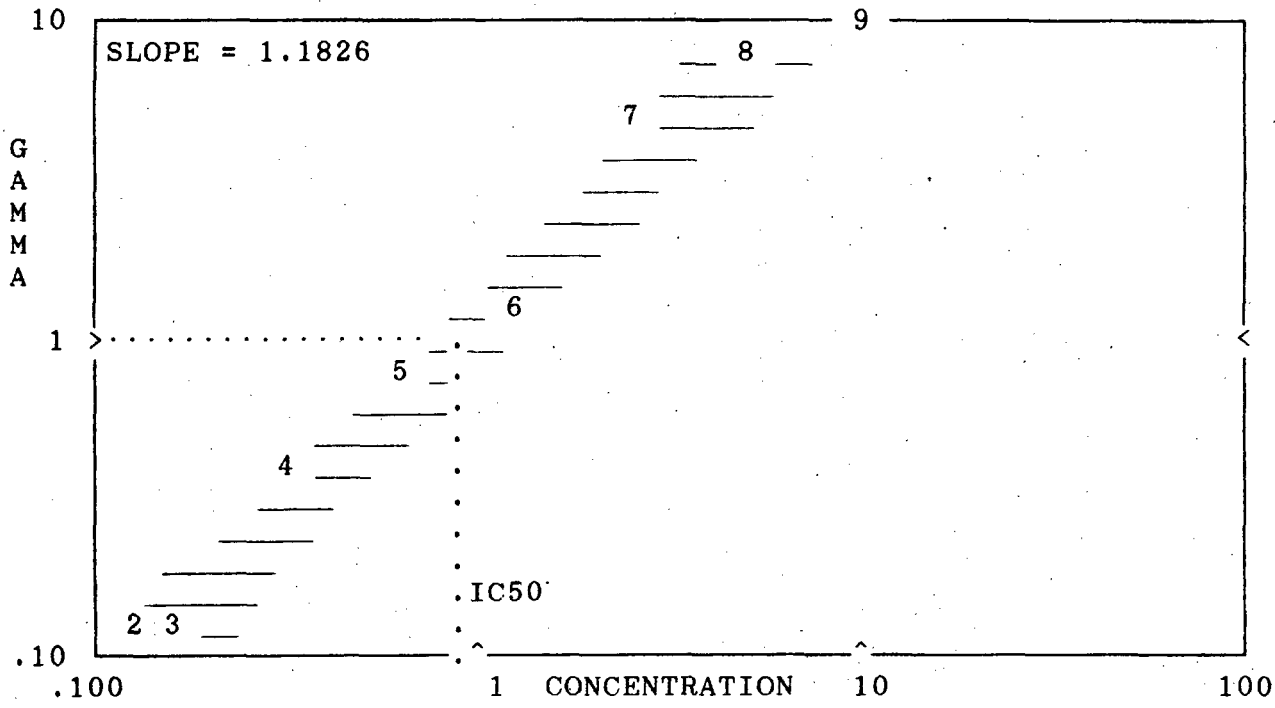
IC50 1.6872% (95% CONFIDENCE RANGE: 1.6434 TO 1.7321)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: MALSTN1A.SPT TEST DATE:_____
TEST TIME:_____
Investigator: DLL Approved by:_____
Sample Description: Malaspina Station 1A Fresh Sediment 29 June 94
Procedure: SOLID-PHASE Osmotic Adjustment:
Initial Concentration : 9.868 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	96.35	0.0385	-0.0398*
2	86.43	0.0771	0.0704#
3	87.65	0.1542	0.0555#
4	64.62	0.3084	0.4317#
5	49.07	0.6168	0.8853#
6	39.86	1.2335	1.3210#
7	13.80	2.4670	5.7039#
8	9.37	4.9340	8.8734#
9	7.73	9.8680	10.9681#
CONTROL It's :	95.04	96.85	85.65 Av. = 92.51



IC50 0.8644 (95% CONFIDENCE RANGE: 0.6044 TO 1.2360)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: MALSTN2A.SPT

TEST DATE:_____
TEST TIME:_____

Investigator: DLL

Approved by:_____

Sample Description: Malaspina Station 2A Fresh Sediment 29 June 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

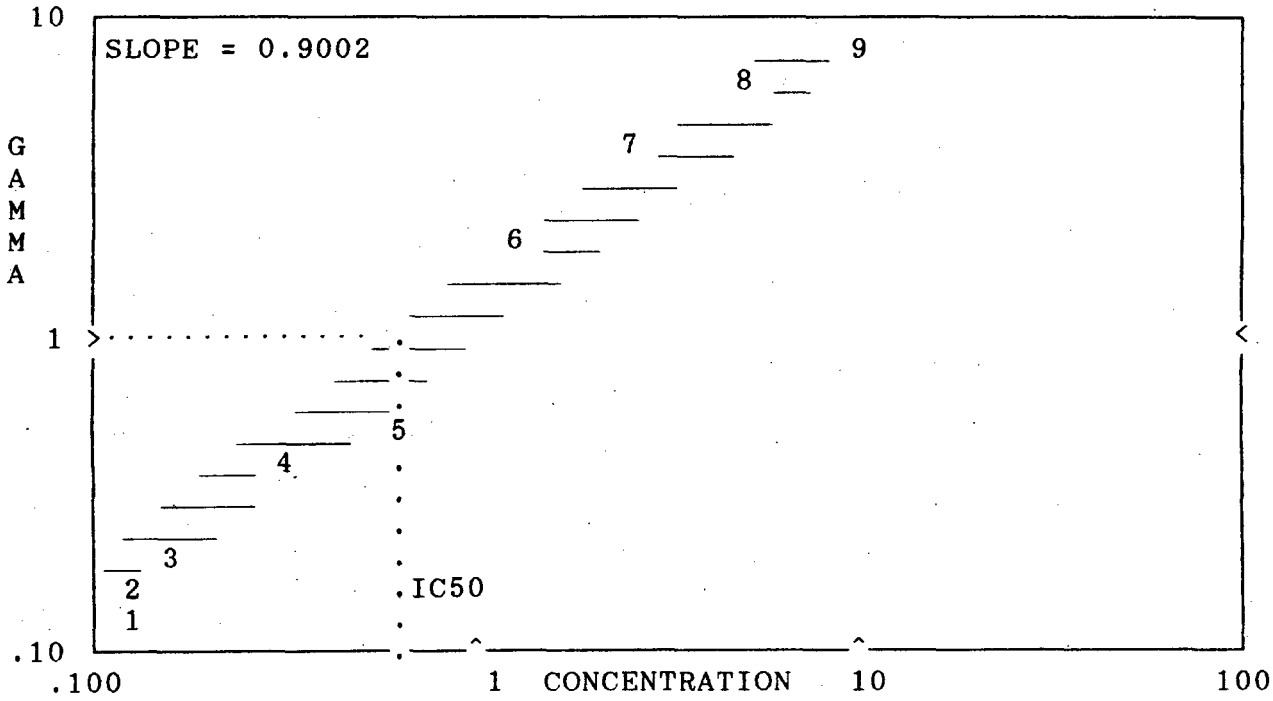
Initial Concentration : 9.868 %

Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	83.16	0.0385	0.0738#
2	75.66	0.0771	0.1802#
3	72.57	0.1542	0.2305#
4	60.17	0.3084	0.4841#
5	56.00	0.6168	0.5946#
6	28.01	1.2335	2.1880#
7	16.18	2.4670	4.5190#
8	11.07	4.9340	7.0665#
9	9.43	9.8680	8.4694#
CONTROL It's :	91.04	86.25 90.60	Av. = 89.30



IC50 0.6670 (95% CONFIDENCE RANGE: 0.5234 TO 0.8501)

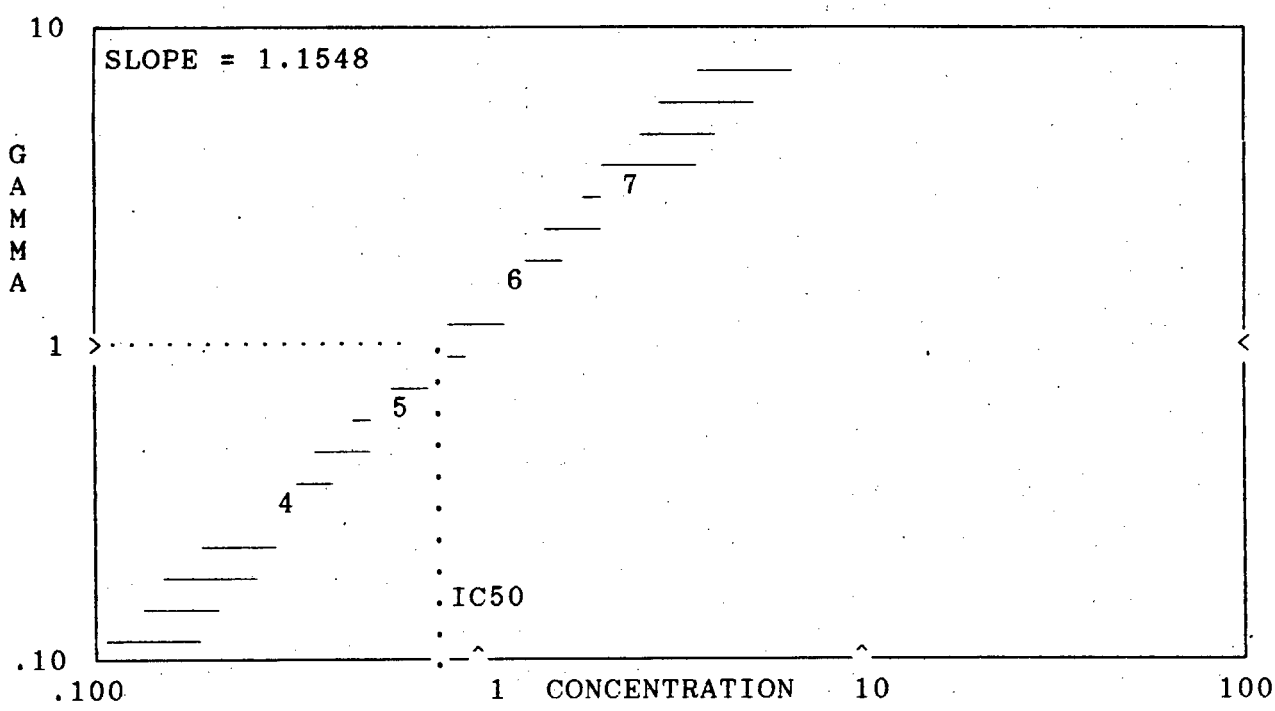
Used for calculations

MICROTOX DATA REPORT

FILE NAME: MALSTN3A.SPT TEST DATE:_____
TEST TIME:_____
Investigator: DLL Approved by:_____
Sample Description: Malaspina Station 3A Fresh Sediment 29 June 94
Procedure: SOLID-PHASE Osmotic Adjustment:
Initial Concentration : 9.868 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	94.88	0.0385	-0.0396*
2	83.04	0.0771	0.0973
3	86.19	0.1542	0.0572
4	69.11	0.3084	0.3185#
5	51.19	0.6168	0.7800#
6	33.25	1.2335	1.7405#
7	20.19	2.4670	3.5131#
8	14.95	4.9340	5.0950
9	12.07	9.8680	6.5493

CONTROL It's : 93.19 92.47 87.70 Av. = 91.12



IC50 0.7970 (95% CONFIDENCE RANGE: 0.7011 TO 0.9059)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: MALSTN4A.SPT

TEST DATE:_____
TEST TIME:_____

Investigator: DLL

Approved by:_____

Sample Description: Malaspina Station 4A Fresh Sediment 29 June 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

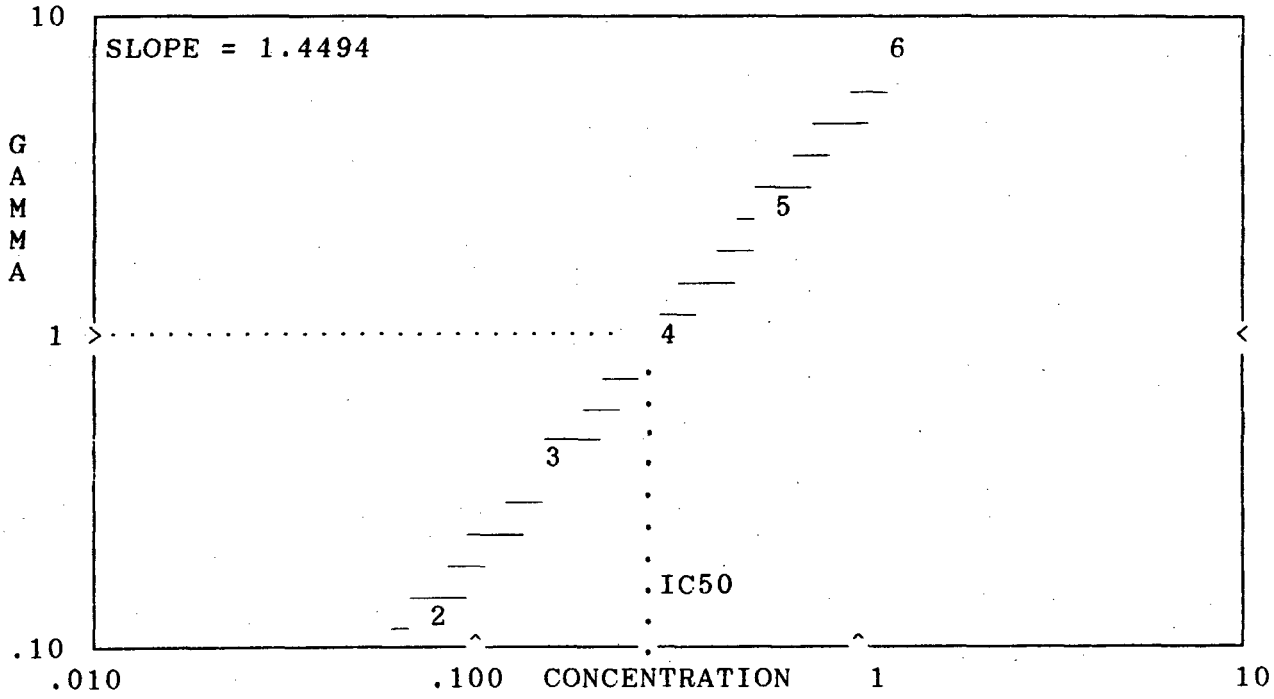
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	93.25	0.0385	0.1059
2	90.10	0.0771	0.1446#
3	70.93	0.1542	0.4539#
4	46.84	0.3084	1.2017#
5	28.13	0.6168	2.6661#
6	10.25	1.2335	9.0611#
7	7.19	2.4670	13.3431
8	1.91	4.9340	52.9930*
9	2.15	9.8680	46.9659

CONTROL It's : 90.57 108.35 110.46 Av. = 103.13



IC50 0.2822 (95% CONFIDENCE RANGE: 0.2516 TO 0.3166)

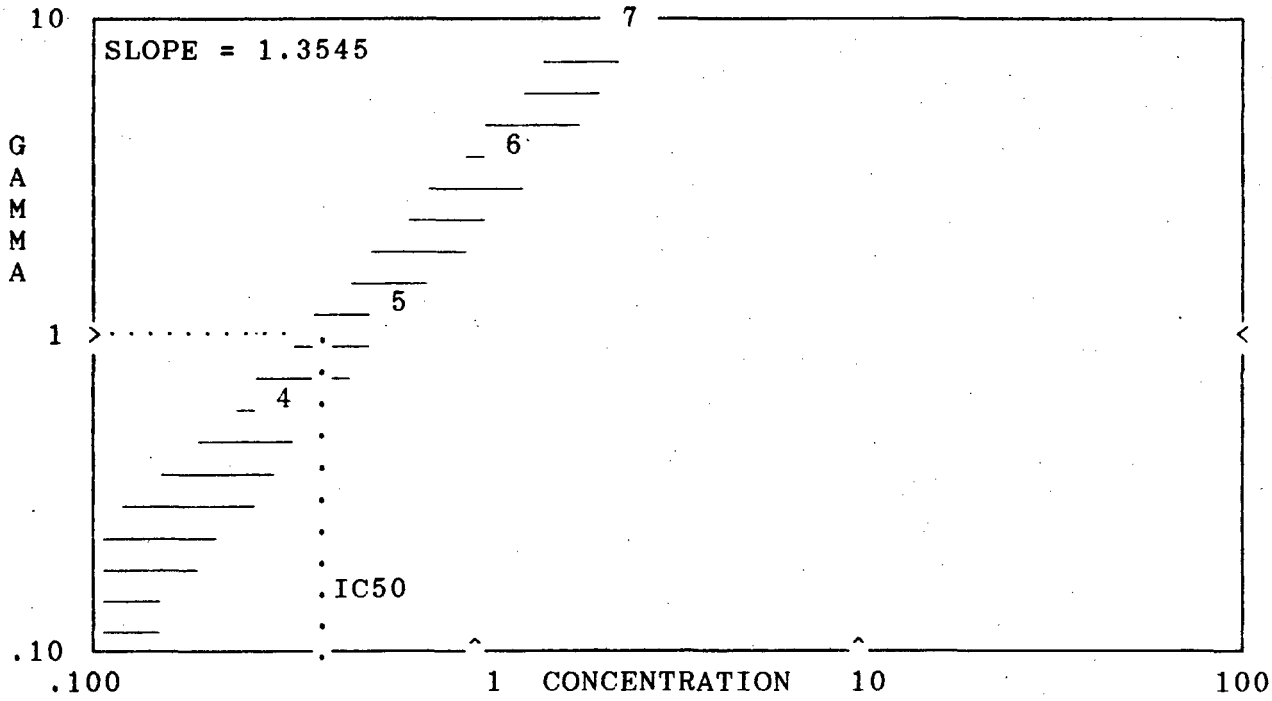
Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: MALSTN5A.SPT TEST DATE:_____
TEST TIME:_____
Investigator: DLL Approved by:_____
Sample Description: Malaspina Station 5A Fresh Sediment 29 June 94
Procedure: SOLID-PHASE Osmotic Adjustment:
Initial Concentration : 9.868 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	79.97	0.0385	0.1341
2	85.92	0.0771	0.0556
3	18.85	0.1542	3.8115
4	51.44	0.3084	0.7632#
5	35.68	0.6168	1.5419#
6	17.86	1.2335	4.0782#
7	6.66	2.4670	12.6181#
8	7.31	4.9340	11.4072
9	3.40	9.8680	25.6755

CONTROL It's : 93.24 88.83 90.02 Av. = 90.70



IC50 0.4122 (95% CONFIDENCE RANGE: 0.2951 TO 0.5758)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: MALSTN6A.SPT

TEST DATE:_____
TEST TIME:_____

Investigator: DLL

Approved by:_____

Sample Description: Malaspina Station 6A Fresh Sediment 29 June 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

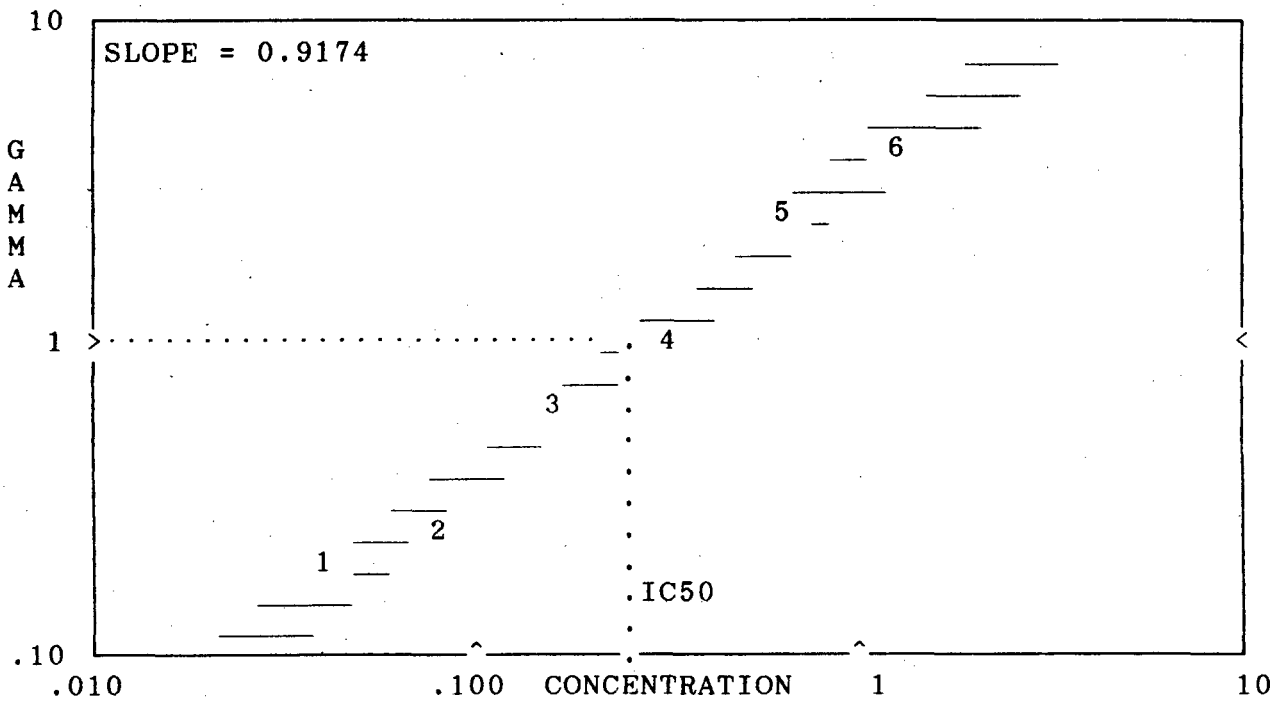
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	74.83	0.0385	0.2013#
2	69.44	0.0771	0.2945#
3	52.06	0.1542	0.7267#
4	40.53	0.3084	1.2179#
5	24.96	0.6168	2.6015#
6	17.25	1.2335	4.2112#
7	4.75	2.4670	17.9249
8	2.00	4.9340	43.9467
9	2.42	9.8680	36.1460

CONTROL It's : 93.05 90.39 86.24 Av. = 89.89



IC50 0.2409 (95% CONFIDENCE RANGE: 0.2074 TO 0.2799)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: MAL7A.SPT

TEST DATE: 11 July 94
TEST TIME:

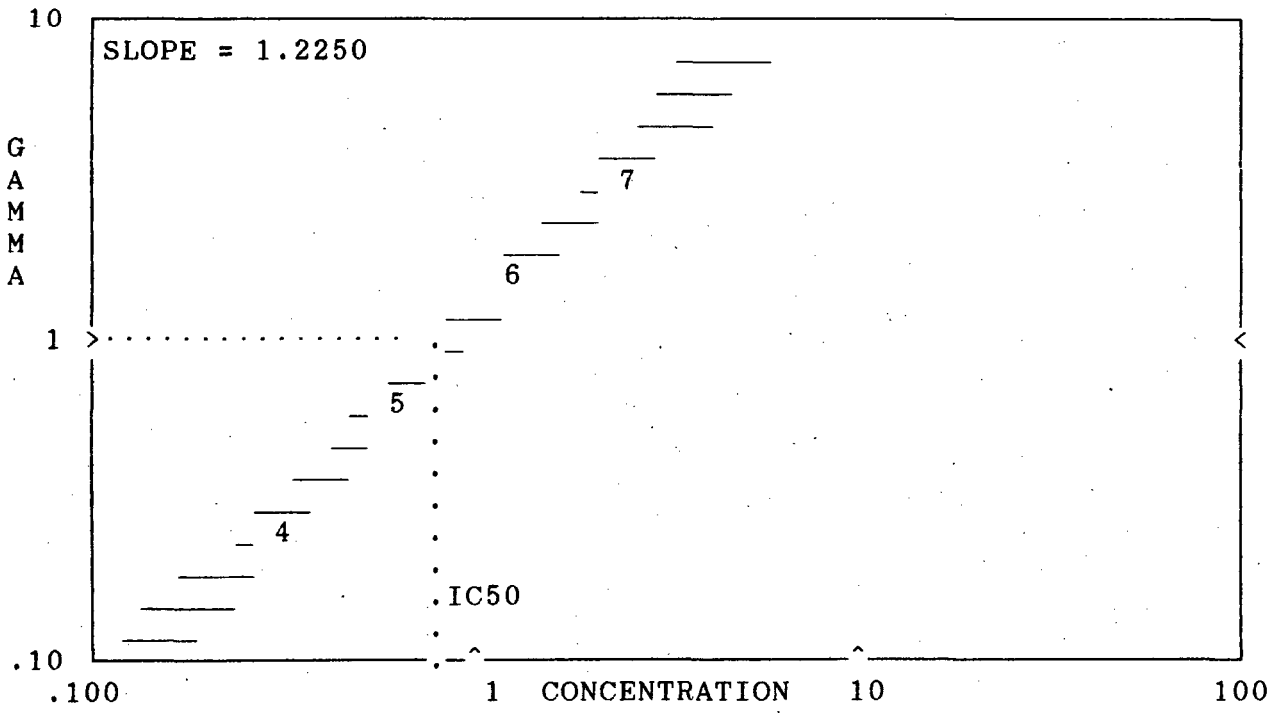
Investigator: D. Lee
Approved by:

Sample Description: Malaspina 7A (Fresh sediment) 11 July 94
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	96.27	0.0385	-0.0320*
2	83.91	0.0771	0.1106
3	57.47	0.1542	0.6215
4	71.80	0.3084	0.2979#
5	53.04	0.6168	0.7569#
6	33.30	1.2335	1.7984#
7	19.48	2.4670	3.7837#
8	12.70	4.9340	6.3375
9	6.60	9.8680	13.1192

CONTROL It's : 93.90 91.96 93.70 Av. = 93.19



IC50 0.7994 (95% CONFIDENCE RANGE: 0.7099 TO 0.9003)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: MAL8A.SPT

TEST DATE: 11 July 94
TEST TIME:

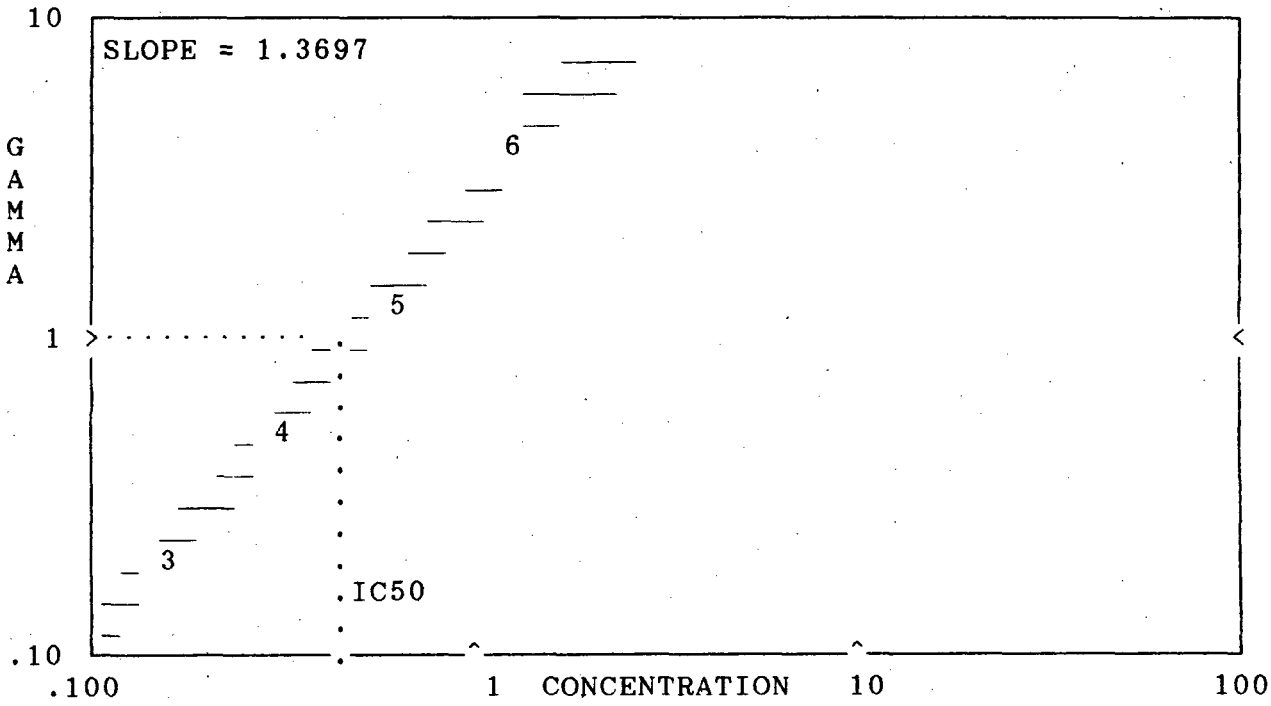
Investigator: D. Lee
Approved by:

Sample Description: Malaspina Station 8A (Fresh Sediment) 11 July 94

Procedure: SOLID-PHASE
Osmotic Adjustment:
Initial Concentration : 9.868 %
Dilution Factor : 2
Test Time: 5 minutes
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	87.38	0.0385	0.0900
2	84.89	0.0771	0.1220
3	76.40	0.1542	0.2467#
4	60.25	0.3084	0.5809#
5	38.35	0.6168	1.4836#
6	18.06	1.2335	4.2739#
7	6.21	2.4670	14.3376
8	4.28	4.9340	21.2539
9	1.69	9.8680	55.3590*

CONTROL It's : 93.61 96.49 95.64 Av. = 95.25



IC50 0.4438 (95% CONFIDENCE RANGE: 0.3967 TO 0.4965)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: MAL9A.SPT

TEST DATE: 12 July 94
TEST TIME:

Investigator: D. Lee
Approved by:

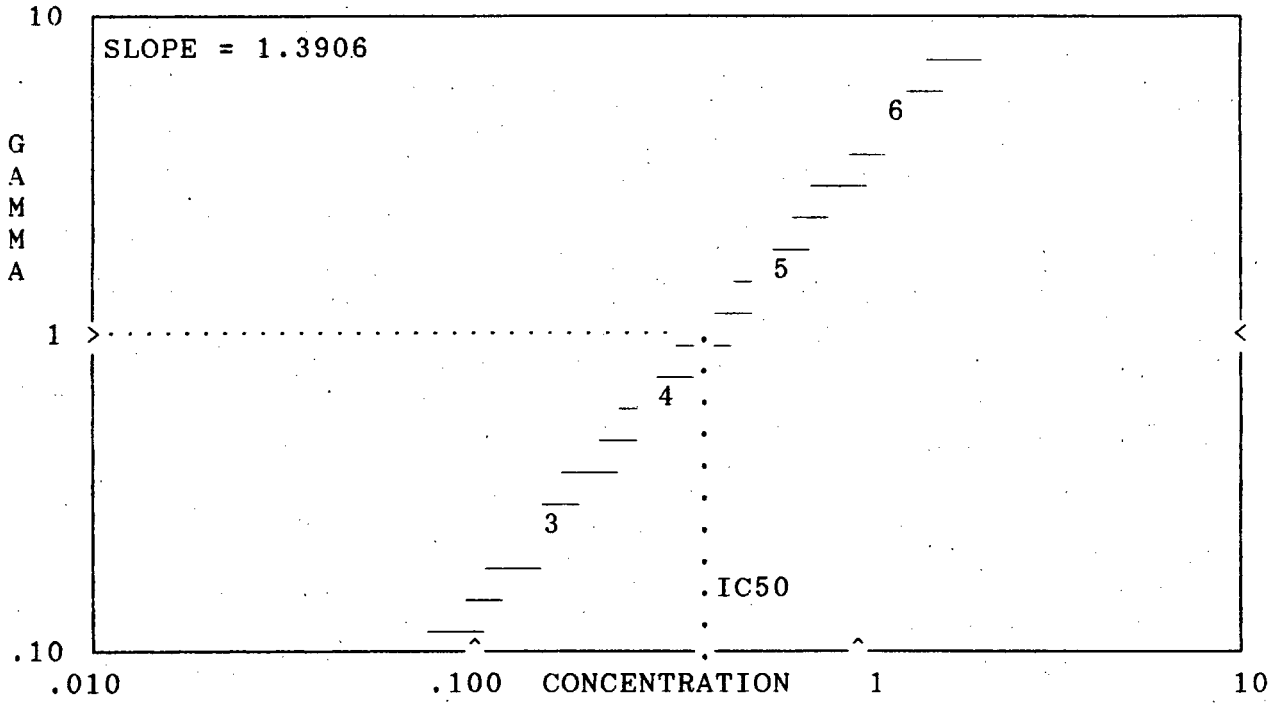
Sample Description: Malaspina Station 9A (Fresh Sediment) 11 July 94

Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	78.01	0.0385	0.1181
2	72.81	0.0771	0.1980
3	68.22	0.1542	0.2786#
4	49.96	0.3084	0.7459#
5	30.37	0.6168	1.8721#
6	14.31	1.2335	5.0955#
7	8.90	2.4670	8.8007
8	2.84	4.9340	29.7136
9	2.07	9.8680	41.1385

CONTROL It's : 91.55 85.85 84.28 Av. = 87.23



IC50 0.3856 (95% CONFIDENCE RANGE: 0.3715 TO 0.4003)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: PG25A.SPT

TEST DATE: 20 July 94
TEST TIME: _____

Investigator: D. Lee

Approved by: _____

Sample Description: Point Grey Station 25 Fresh Sediment 20 July 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

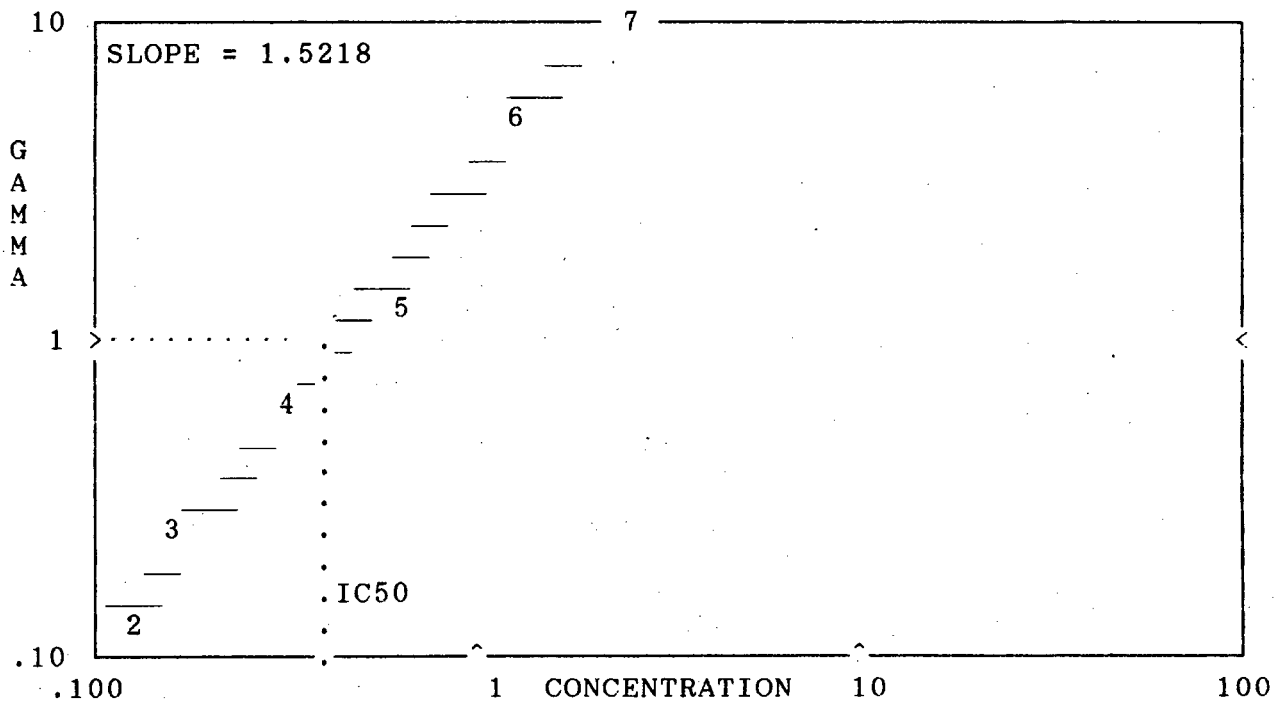
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	130.97	0.0385	-0.1561*
2	103.20	0.0771	0.0709#
3	88.05	0.1542	0.2552#
4	66.20	0.3084	0.6695#
5	44.26	0.6168	1.4971#
6	16.09	1.2335	5.8689#
7	6.99	2.4670	14.8112#
8	4.00	4.9340	26.6300
9	1.06	9.8680	103.2642*

CONTROL It's : 93.31 114.10 124.15 Av. = 110.52



IC50 0.4150 (95% CONFIDENCE RANGE: 0.3730 TO 0.4617)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: PTGRY27A.SPT

TEST DATE: 11 July 94
TEST TIME:

Investigator: D. Lee
Approved by:

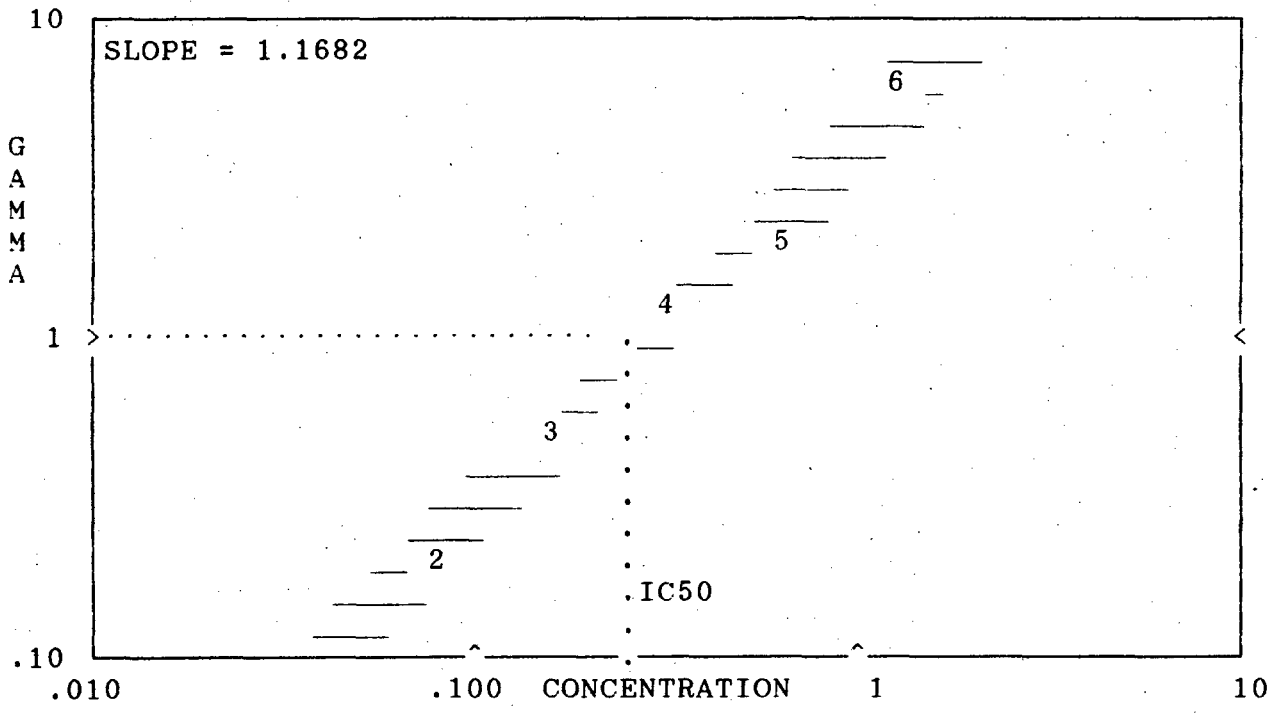
Sample Description: Point Grey Station 27 (Fresh Sediment) 11 July 94

Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	78.09	0.0385	0.2121
2	77.15	0.0771	0.2269#
3	60.14	0.1542	0.5739#
4	41.64	0.3084	1.2732#
5	29.94	0.6168	2.1615#
6	12.29	1.2335	6.7019#
7	11.49	2.4670	7.2382
8	6.37	4.9340	13.8598
9	1.08	9.8680	86.6451*

CONTROL It's : 95.31 89.72 98.94 Av. = 94.66



IC50 0.2658 (95% CONFIDENCE RANGE: 0.2205 TO 0.3204)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: PGRY29A2.SPT

TEST DATE: 21 July 94
TEST TIME:

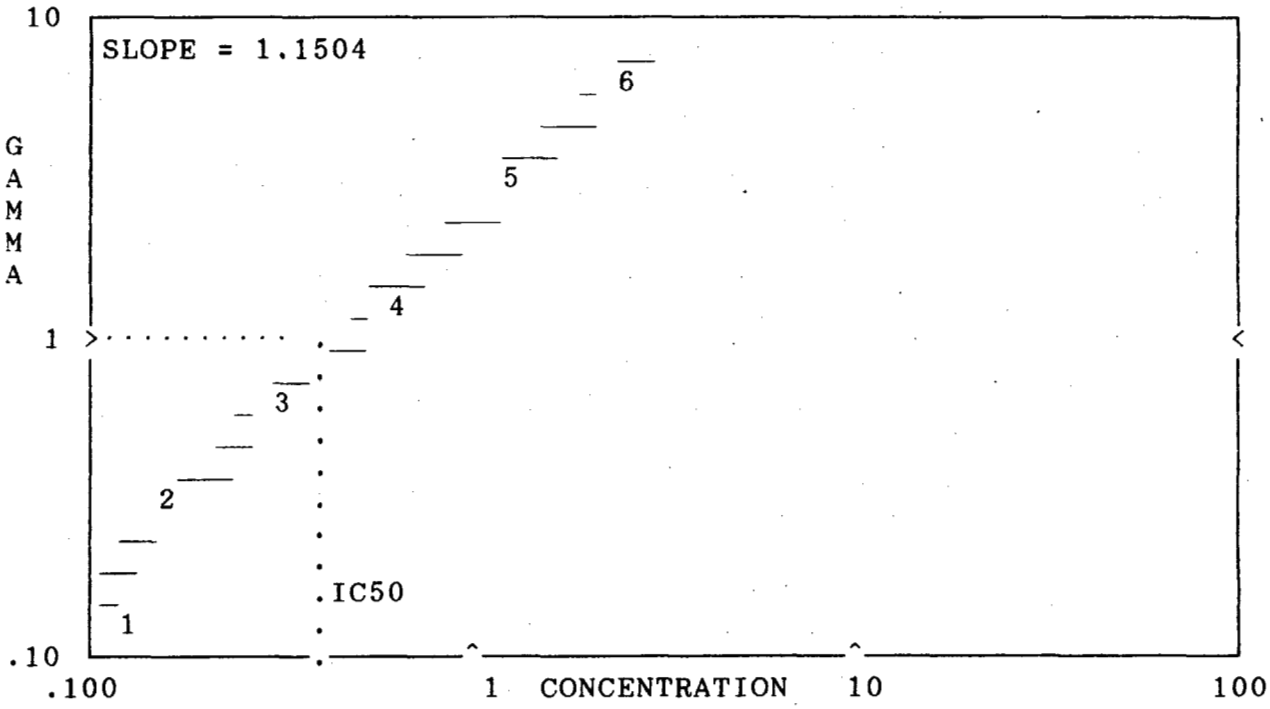
Investigator: M. Fennell
Approved by:

Sample Description: Point Grey station 29A sediment test redo
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	78.51	0.0771	0.1376#
2	66.27	0.1542	0.3477#
3	54.21	0.3084	0.6475#
4	35.11	0.6168	1.5438#
5	19.47	1.2335	3.5872#
6	10.42	2.4670	7.5713#
7	6.54	4.9340	12.6565
8	3.65	9.8680	23.4694

CONTROL It's : 94.24 85.17 88.53 Av. = 89.31



IC50 0.4199 (95% CONFIDENCE RANGE: 0.3928 TO 0.4489)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: PTGRY29A.SPT

TEST DATE: 11 July 94
TEST TIME:

Investigator: D. Lee
Approved by:

Sample Description: Point Grey Station 29 (Fresh sediment) 11 July 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

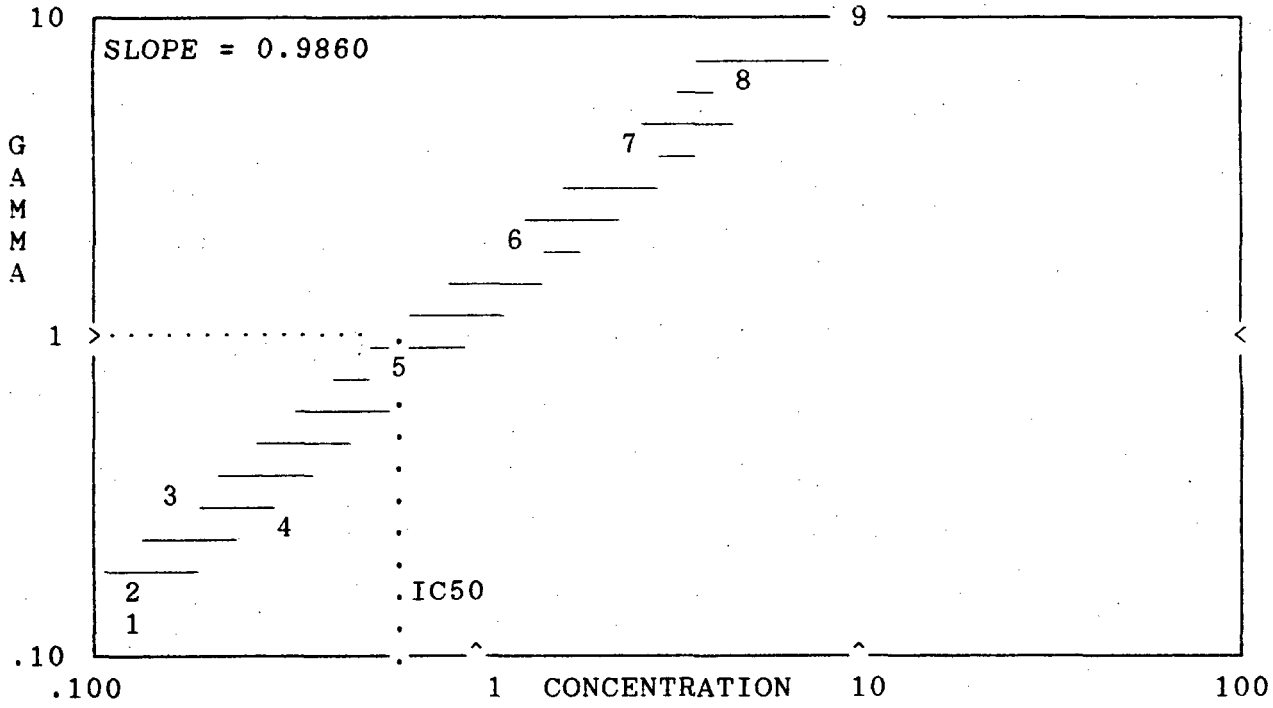
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	82.88	0.0385	0.0388#
2	72.33	0.0771	0.1903#
3	63.02	0.1542	0.3662#
4	67.31	0.3084	0.2791#
5	43.53	0.6168	0.9779#
6	24.77	1.2335	2.4758#
7	16.33	2.4670	4.2723#
8	11.23	4.9340	6.6667#
9	6.17	9.8680	12.9541#

CONTROL It's : 93.32 86.25 78.72 Av. = 86.10



IC50 0.6438 (95% CONFIDENCE RANGE: 0.4787 TO 0.8658)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: PG31A.SPT

TEST DATE: 20 July 94
TEST TIME:

Investigator: A Lee
Approved by:

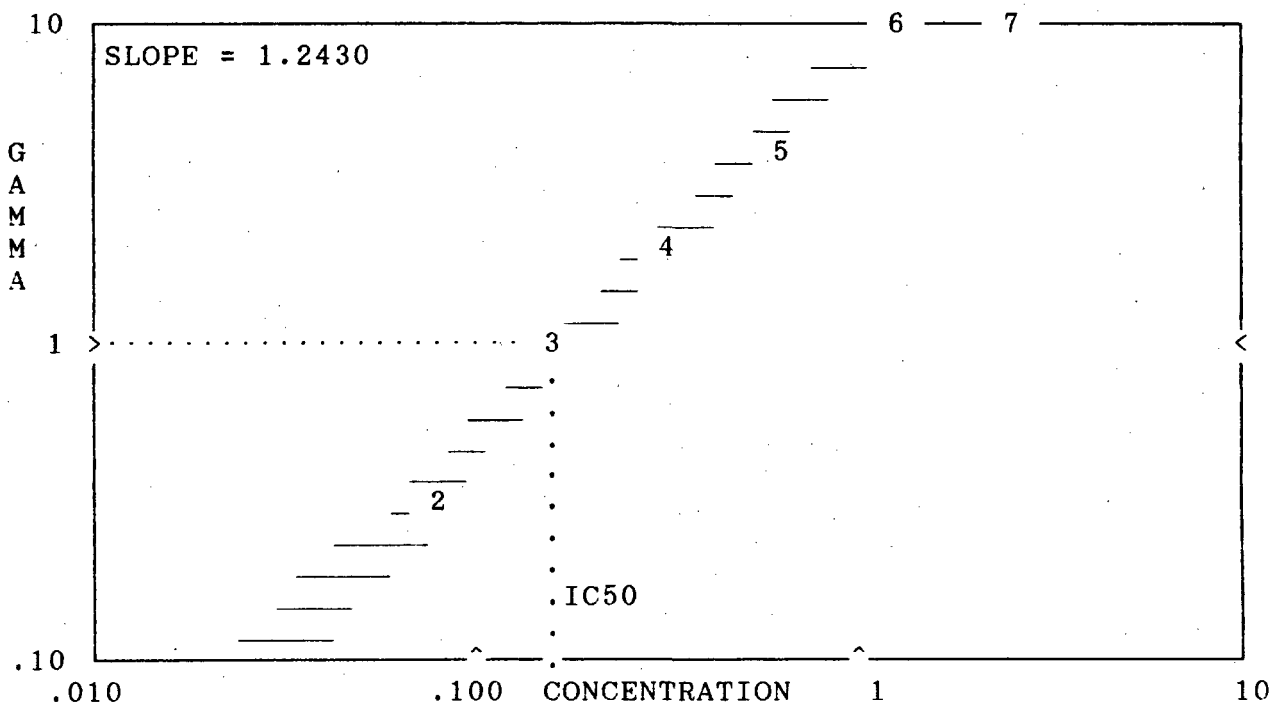
Sample Description: Point Grey Station 31 (Fresh Sediment) 20 July 94

Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	89.97	0.0385	0.0056*
2	66.12	0.0771	0.3684#
3	42.99	0.1542	1.1046#
4	27.95	0.3084	2.2371#
5	16.20	0.6168	4.5850#
6	5.91	1.2335	14.3091#
7	3.06	2.4670	28.5675#
8	2.56	4.9340	34.3424
9	0.42	9.8680	214.4206*

CONTROL It's : 92.42 90.59 88.42 Av. = 90.48



IC50 0.1617 (95% CONFIDENCE RANGE: 0.1381 TO 0.1892)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: PTGRY34A.SPT

TEST DATE: 12 July 94
TEST TIME:

Investigator: D. Lee
Approved by:

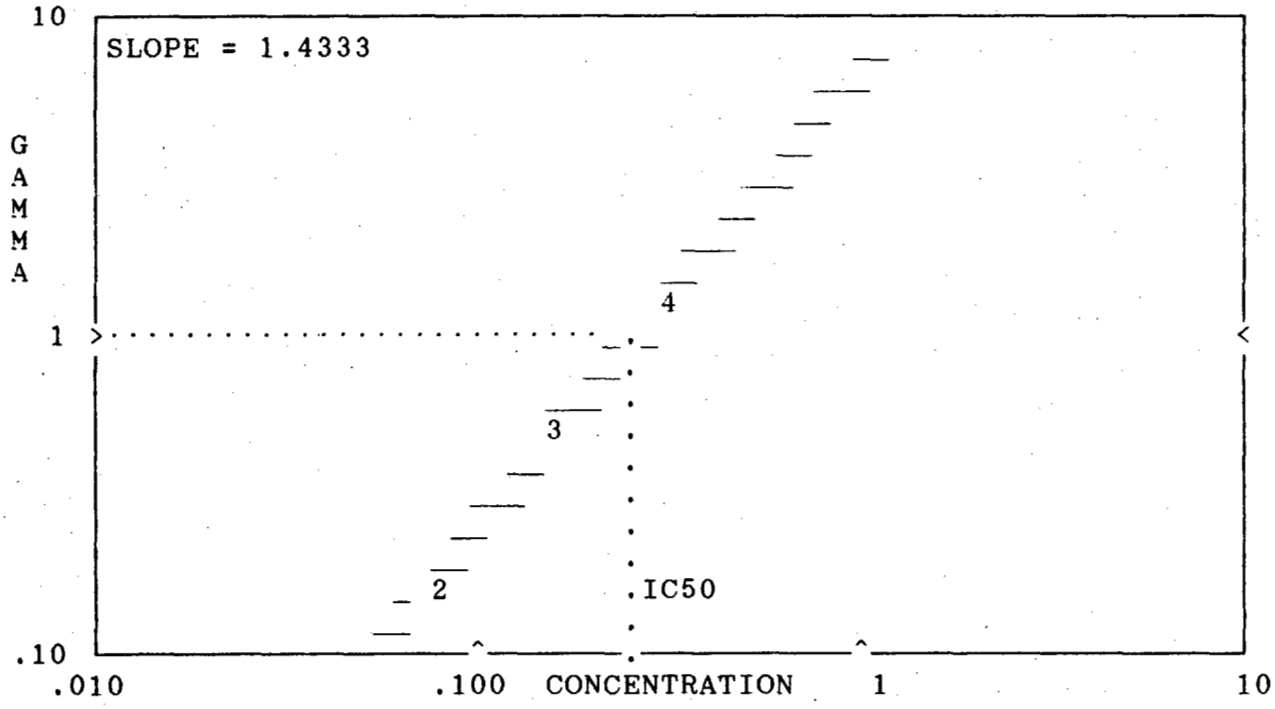
Sample Description: Point Grey Station 34 (Fresh sediment) 12 July 94

Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	90.65	0.0385	0.0435
2	79.41	0.0771	0.1912#
3	62.41	0.1542	0.5157#
4	39.50	0.3084	1.3949#
5	21.51	0.6168	3.3978
6	8.56	1.2335	10.0510
7	4.48	2.4670	20.1153
8	3.60	4.9340	25.2769
9	0.63	9.8680	149.1534*

CONTROL It's : 96.81 93.54 93.44 Av. = 94.60



IC50 0.2446 (95% CONFIDENCE RANGE: 0.2421 TO 0.2470)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: PTGRY36A.SPT

TEST DATE: 12 July 94
TEST TIME:

Investigator: D.Lee
Approved by:

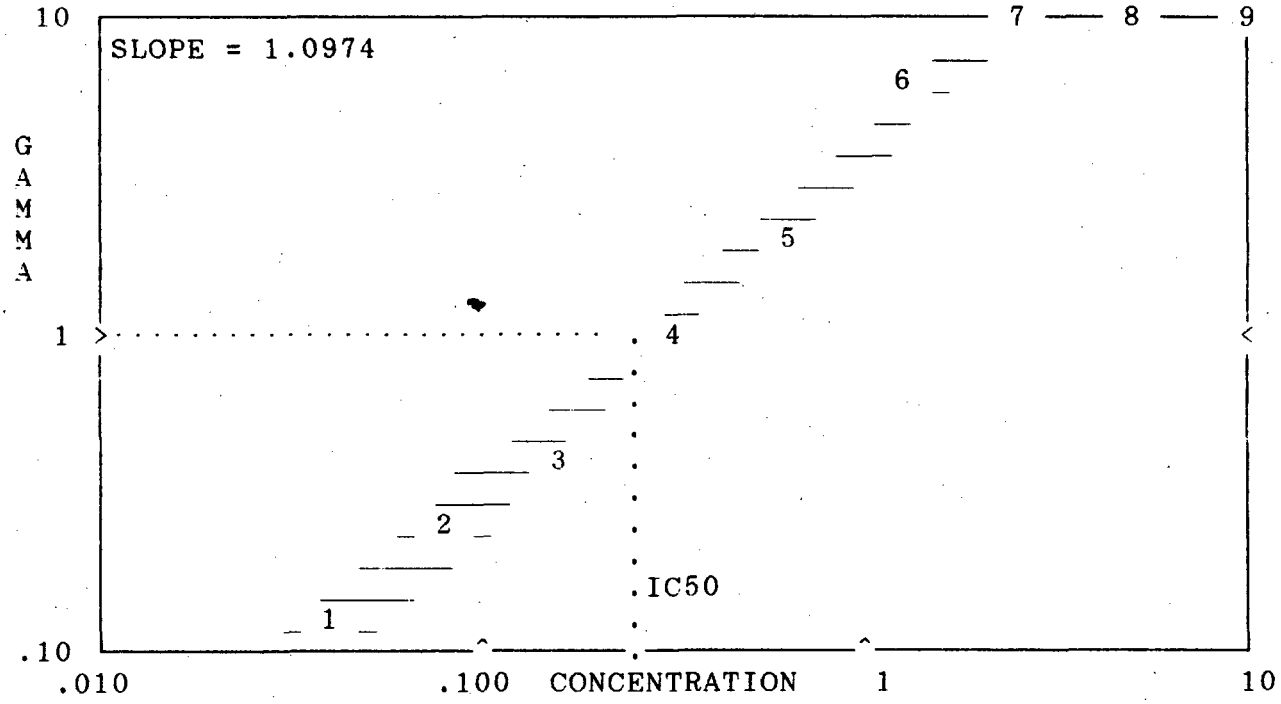
Sample Description: Point Grey Station 36 (Fresh Sediment) 12 July 94

Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	79.37	0.0385	0.1438#
2	70.79	0.0771	0.2825#
3	63.67	0.1542	0.4259#
4	44.00	0.3084	1.0633#
5	29.44	0.6168	2.0838#
6	10.32	1.2335	7.7972#
7	5.34	2.4670	16.0012#
8	3.32	4.9340	26.3454#
9	2.07	9.8680	42.8583#

CONTROL It's : 94.43 93.17 84.76 Av. = 90.79



IC50 0.2611 (95% CONFIDENCE RANGE: 0.2143 TO 0.3183)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: PG38A.SPT

TEST DATE: 20 July 94
TEST TIME:

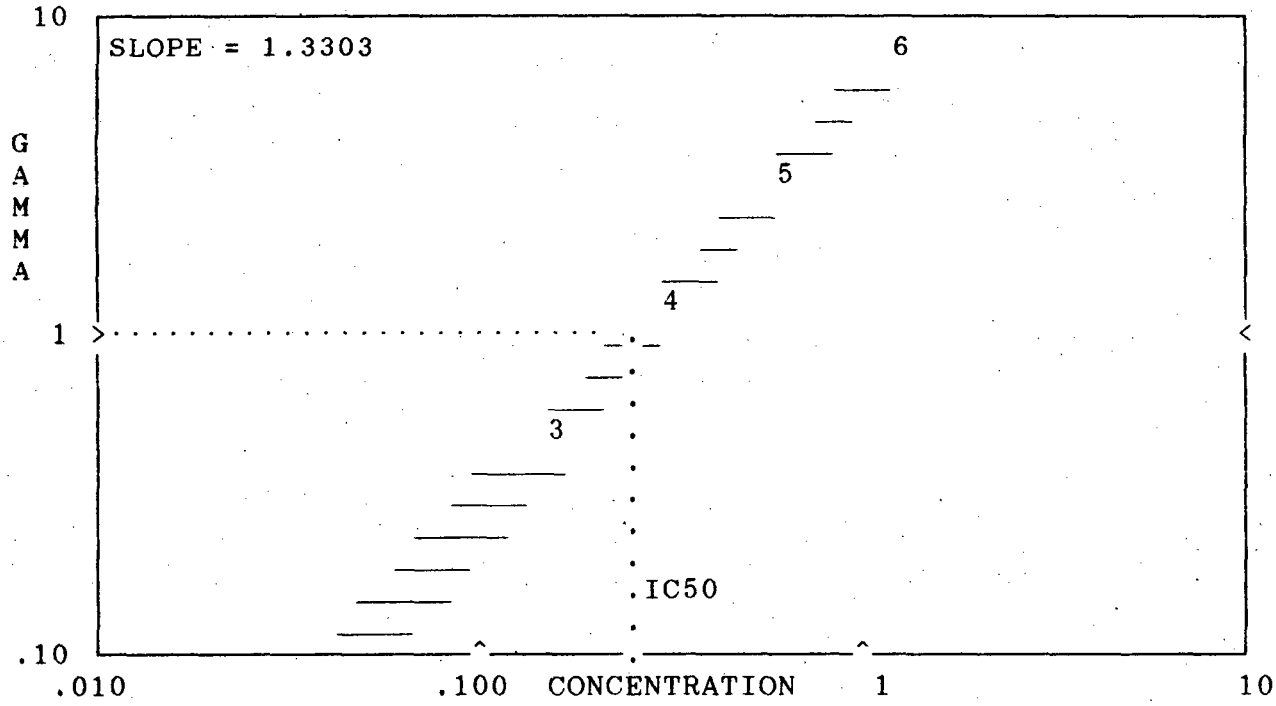
Investigator: D. Lee
Approved by:

Sample Description: Point Grey 38 (Fresh Sediment) 20 July 94
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	75.96	0.0385	0.1703
2	63.55	0.0771	0.3988
3	55.91	0.1542	0.5900#
4	38.34	0.3084	1.3186#
5	20.56	0.6168	3.3238#
6	8.57	1.2335	9.3730#
7	4.34	2.4670	19.4831
8	2.98	4.9340	28.8311
9	0.76	9.8680	115.9693*

CONTROL It's : 90.85 89.17 86.67 Av. = 88.90



IC50 0.2400 (95% CONFIDENCE RANGE: 0.2030 TO 0.2838)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: PG40A.SPT

TEST DATE: 20 July 94
TEST TIME:

Investigator: D.Lee

Approved by:

Sample Description: Point Grey Station 40 (fresh sediment) 20 July 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

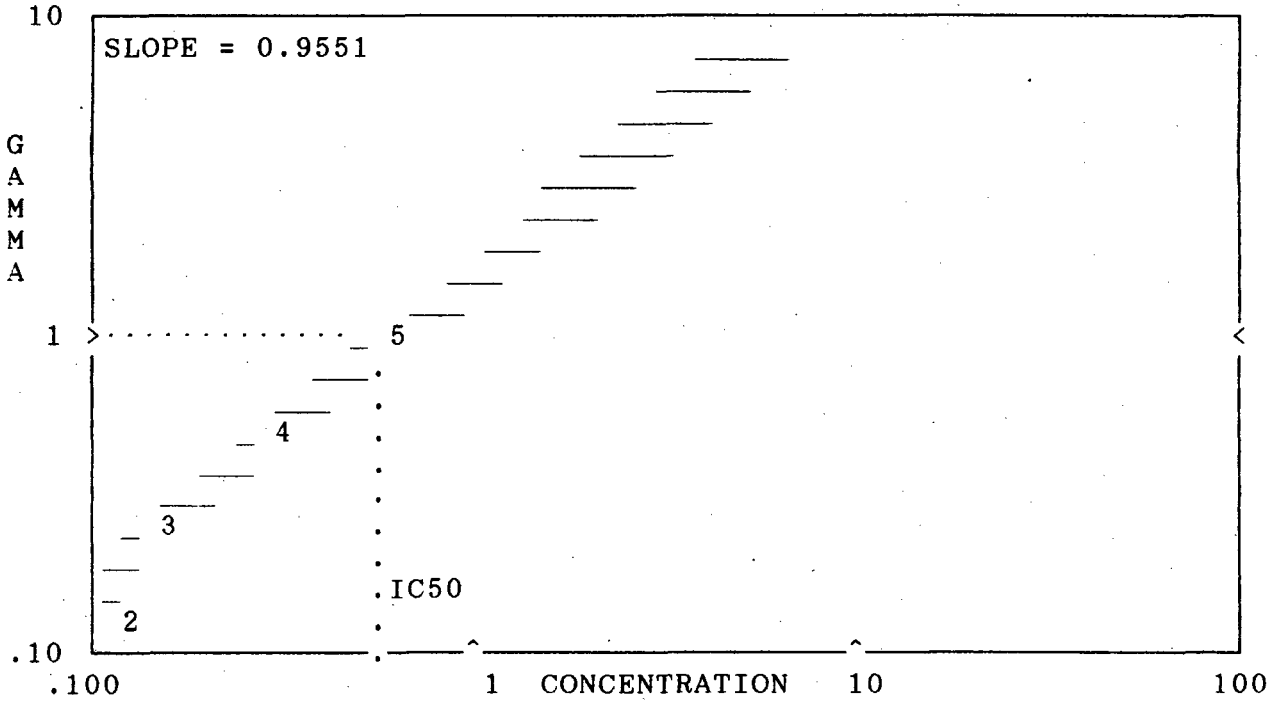
Initial Concentration : 9.868 %

Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	91.56	0.0385	0.0111
2	80.72	0.0771	0.1469#
3	71.02	0.1542	0.3036#
4	59.61	0.3084	0.5531#
5	44.23	0.6168	1.0931#
6	22.71	1.2335	3.0766
7	10.86	2.4670	7.5249
8	5.26	4.9340	16.6008
9	4.87	9.8680	18.0103
CONTROL It's :	94.09	91.07	37.00* Av. = 92.58



IC50 0.5608 (95% CONFIDENCE RANGE: 0.4929 TO 0.6380)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: PHA28JUN.SPT

TEST DATE: 28 June 94

TEST TIME:

Investigator: DLL

Approved by:

Sample Description: Pender Harbour A Fresh sediment 28 June 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

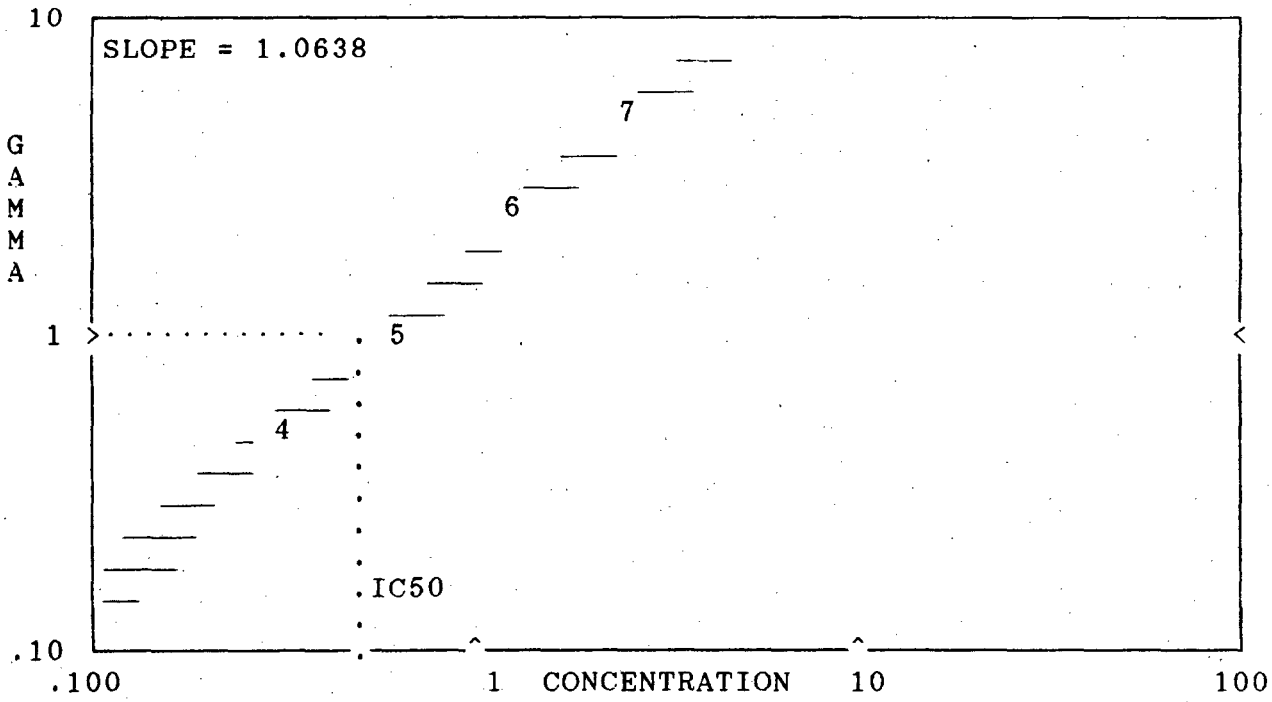
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	90.29	0.0385	0.0467
2	81.77	0.0771	0.1558
3	85.89	0.1542	0.1003
4	60.21	0.3084	0.5696#
5	43.79	0.6168	1.1582#
6	26.04	1.2335	2.6293#
7	15.59	2.4670	5.0620#
8	15.52	4.9340	5.0893
9	6.22	9.8680	14.1940

CONTROL It's : 91.86 95.69 95.97 Av. = 94.51



IC50 0.5239 (95% CONFIDENCE RANGE: 0.4669 TO 0.5878)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: PENHARA.SPT

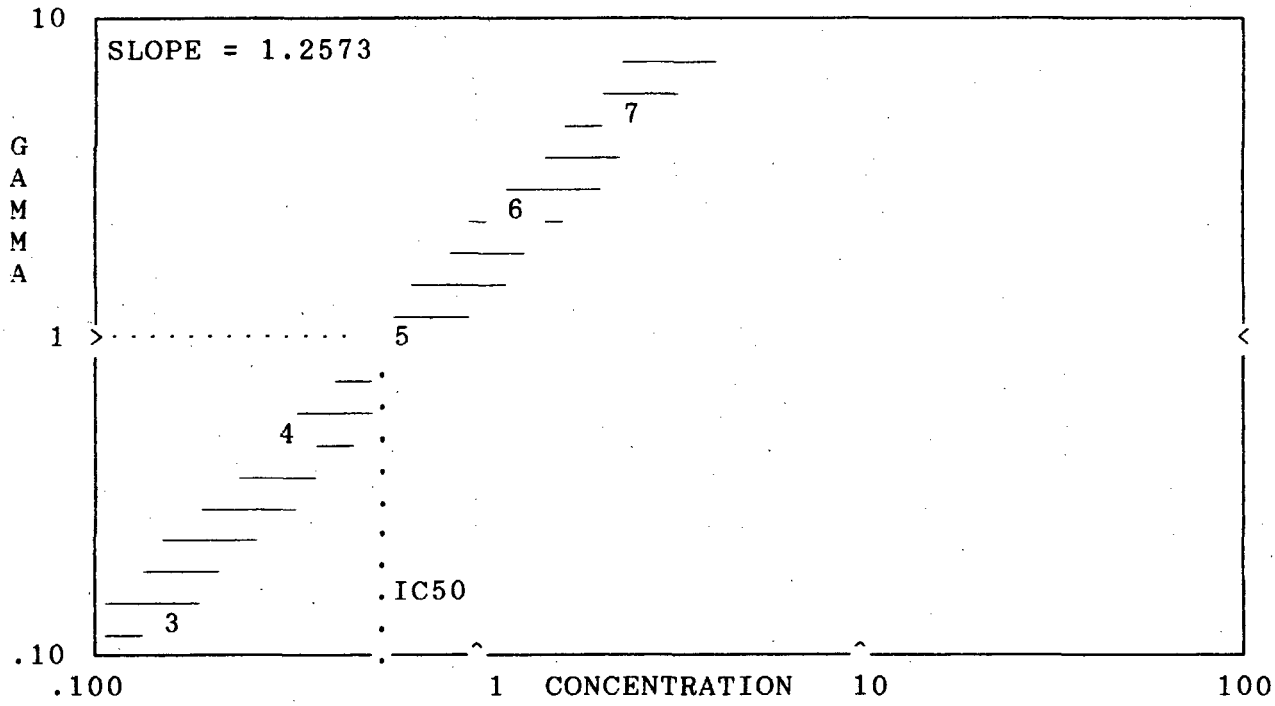
TEST DATE: 20 July 94
TEST TIME:

Investigator: M Kennell
Approved by:

Sample Description: Pender Harbour A sediment test redo
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	92.53	0.0385	0.0434
2	83.23	0.0771	0.1600
3	83.92	0.1542	0.1505#
4	61.88	0.3084	0.5603#
5	47.50	0.6168	1.0326#
6	26.01	1.2335	2.7120#
7	15.23	2.4670	5.3395#
8	10.65	4.9340	8.0657
9	8.10	9.8680	10.9198
CONTROL It's :	94.17	92.90	102.58 Av. = 96.55



IC50 0.5948 (95% CONFIDENCE RANGE: 0.4755 TO 0.7439)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: PH2A.SPT

TEST DATE: 12 July 94
TEST TIME:

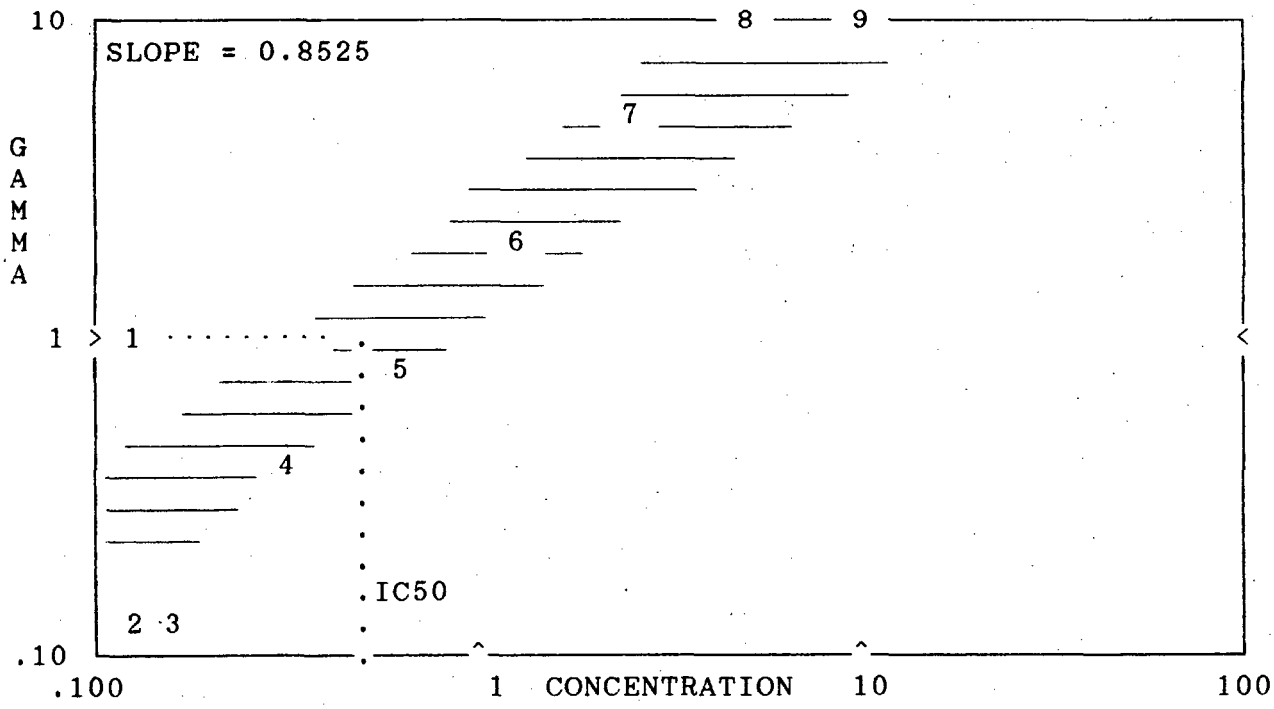
Investigator: D. Lee
Approved by:

Sample Description: Pender Harbour A (Fresh) 12 July 94
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	46.26	0.0385	1.0800#
2	89.85	0.0771	0.0709#
3	85.00	0.1542	0.1320#
4	67.67	0.3084	0.4219#
5	50.24	0.6168	0.9152#
6	27.56	1.2335	2.4913#
7	15.62	2.4670	5.1601#
8	8.72	4.9340	10.0344#
9	4.79	9.8680	19.0877#

CONTROL It's : 91.50 99.45 97.71 Av. = 96.22



IC50 0.4978 (95% CONFIDENCE RANGE: 0.2139 TO 1.1586)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: HALBKA.SPT

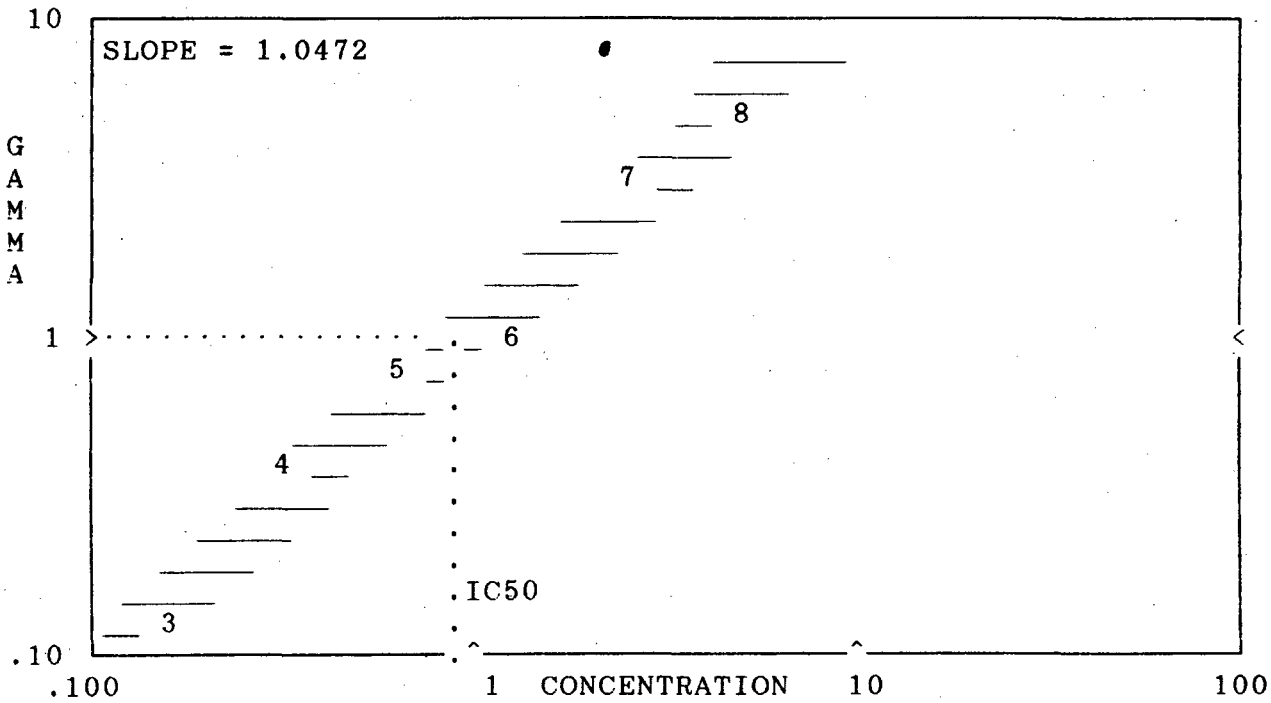
TEST DATE: 12 July 94
TEST TIME:

Investigator: D. Lee
Approved by:

Sample Description: Halibut Bank A (Fresh Sediment) 12 July 94
Procedure: SOLID-PHASE
Osmotic Adjustment:
Initial Concentration : 9.868 %
Dilution Factor : 2
Test Time: 5 minutes
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	83.56	0.0385	0.1044
2	80.81	0.0771	0.1420
3	80.98	0.1542	0.1396#
4	66.00	0.3084	0.3982#
5	49.14	0.6168	0.8780#
6	44.07	1.2335	1.0940#
7	20.31	2.4670	3.5437#
8	13.59	4.9340	5.7905#
9	7.83	9.8680	10.7859

CONTROL It's : 90.12 91.47 95.26 Av. = 92.28



IC50 0.8599 (95% CONFIDENCE RANGE: 0.6714 TO 1.1014)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: HALBA.SPT

TEST DATE: 21 July 94

TEST TIME: _____

Investigator: D. Lee

Approved by: _____

Sample Description: Halibut Bank Fresh Sediment 21 July 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

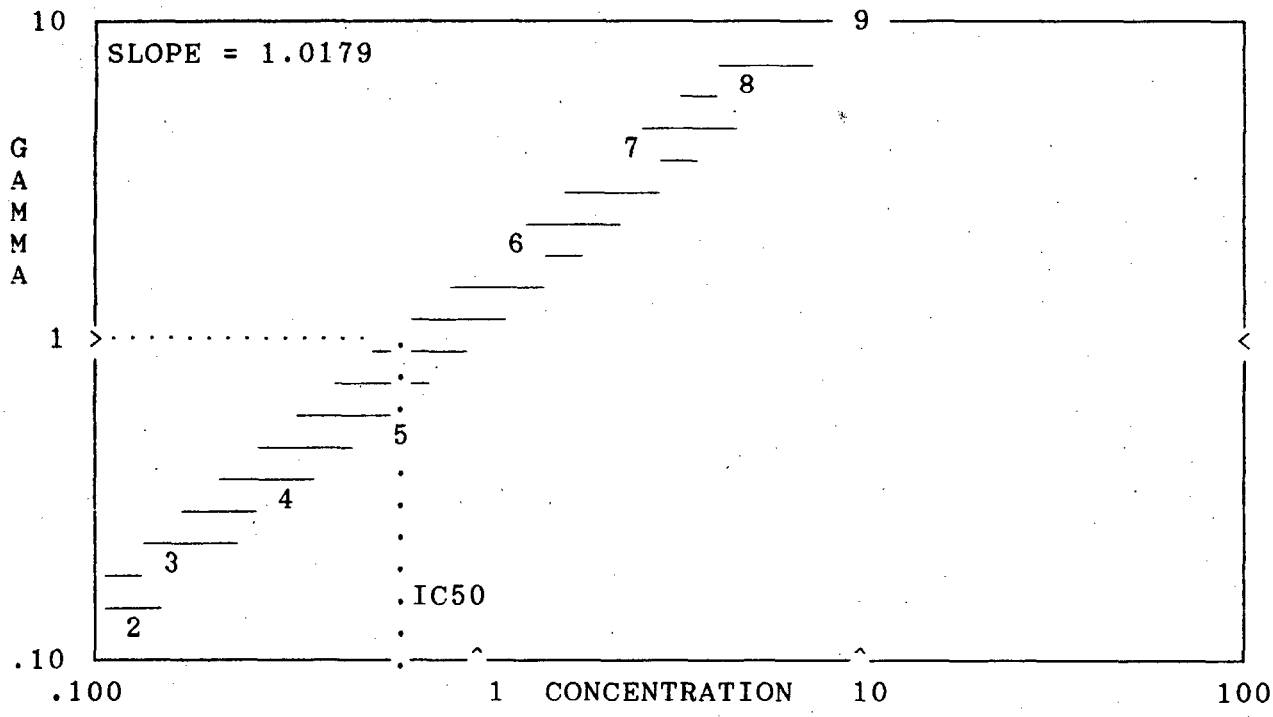
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	88.90	0.0385	0.0730#
2	85.61	0.0771	0.1142#
3	76.82	0.1542	0.2417#
4	70.02	0.3084	0.3623#
5	63.50	0.6168	0.5022#
6	28.82	1.2335	2.3097#
7	18.85	2.4670	4.0603#
8	11.93	4.9340	6.9955#
9	4.50	9.8680	20.1970#

CONTROL It's : 93.77 98.30 94.09 Av. = 95.39



IC50 0.6663 (95% CONFIDENCE RANGE: 0.5286 TO 0.8398)

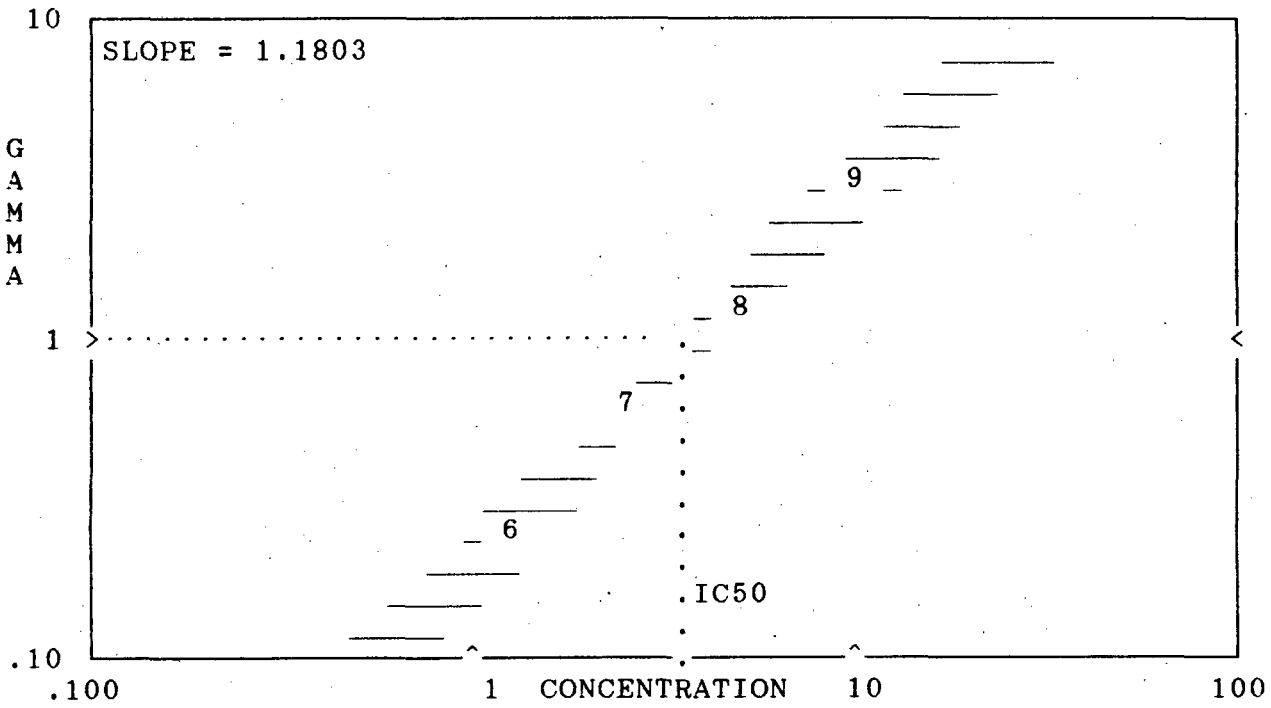
Used for calculations

MICROTOX DATA REPORT

FILE NAME: SSM.SPT
TEST DATE: 18 August 94.
TEST TIME:
Investigator: WFS.
Approved by:
Sample Description: ARTIFICAL REFERENCE SEDIMENT SSM 18 AUG 94
Procedure: SOLID-PHASE
Osmotic Adjustment:
Initial Concentration : 9.868 %
Dilution Factor : 2
Test Time: 5 minutes
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	84.36	0.0385	0.1002
2	88.73	0.0771	0.0460
3	95.80	0.1542	-0.0312*
4	84.04	0.3084	0.1044
5	84.56	0.6168	0.0976
6	73.41	1.2335	0.2643#
7	54.27	2.4670	0.7102#
8	39.25	4.9340	1.3646#
9	21.84	9.8680	3.2495#

CONTROL It's : 91.61 91.17 95.65 Av. = 92.81



IC50 3.6265 (95% CONFIDENCE RANGE: 3.0402 TO 4.3258)

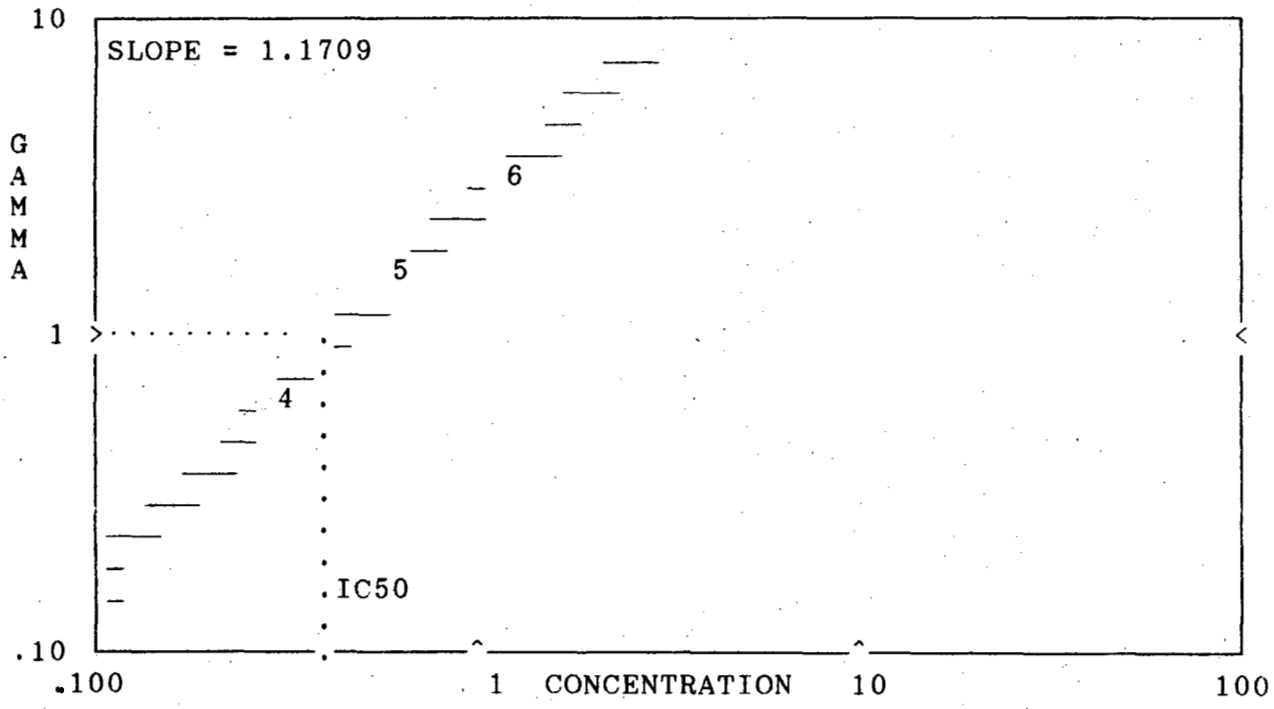
Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: INDARM.SPT TEST DATE: 18 August 94
TEST TIME:
Investigator: WSS Approved by:
Sample Description: INDIAN ARM REFERENCE SEDIMENT 18 AUGUST 94
Procedure: SOLID-PHASE Osmotic Adjustment:
Initial Concentration : 9.868 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	104.49	0.0385	-0.1556*
2	72.21	0.0771	0.2219
3	102.68	0.1542	-0.1407*
4	51.03	0.3084	0.7290#
5	33.60	0.6168	1.6259#
6	18.79	1.2335	3.6956#
7	24.53	2.4670	2.5968
8	10.89	4.9340	7.1019
9	7.39	9.8680	10.9391

CONTROL It's : 93.37 86.25 85.07 Av. = 88.23



IC50 0.4050 (95% CONFIDENCE RANGE: 0.3813 TO 0.4302)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT
Solid-Phase Test, wet weight

FILE: INDARM.SPT
INDIAN ARM REFERENCE SEDIMENT 18 AUGUST 94
Test Time: 5 minutes

NUMBER	It	CONC.	GAMMA
1	104.49	0.0385	-0.1556*
2	72.21	0.0771	0.2219
3	102.68	0.1542	-0.1407*
4	51.03	0.3084	0.7290#
5	33.60	0.6168	1.6259#
6	18.79	1.2335	3.6956#
7	24.53	2.4670	2.5968
8	10.89	4.9340	7.1019
9	7.39	9.8680	10.9391

CONTROL It's : 93.37 86.25 85.07 Av. = 88.23

Used for calculations * Invalid data or controls

EC50 0.4050 % (95% CONFIDENCE RANGE: 0.3813 TO 0.4302)

Signature _____ TEST DATE:_____
TIME:_____

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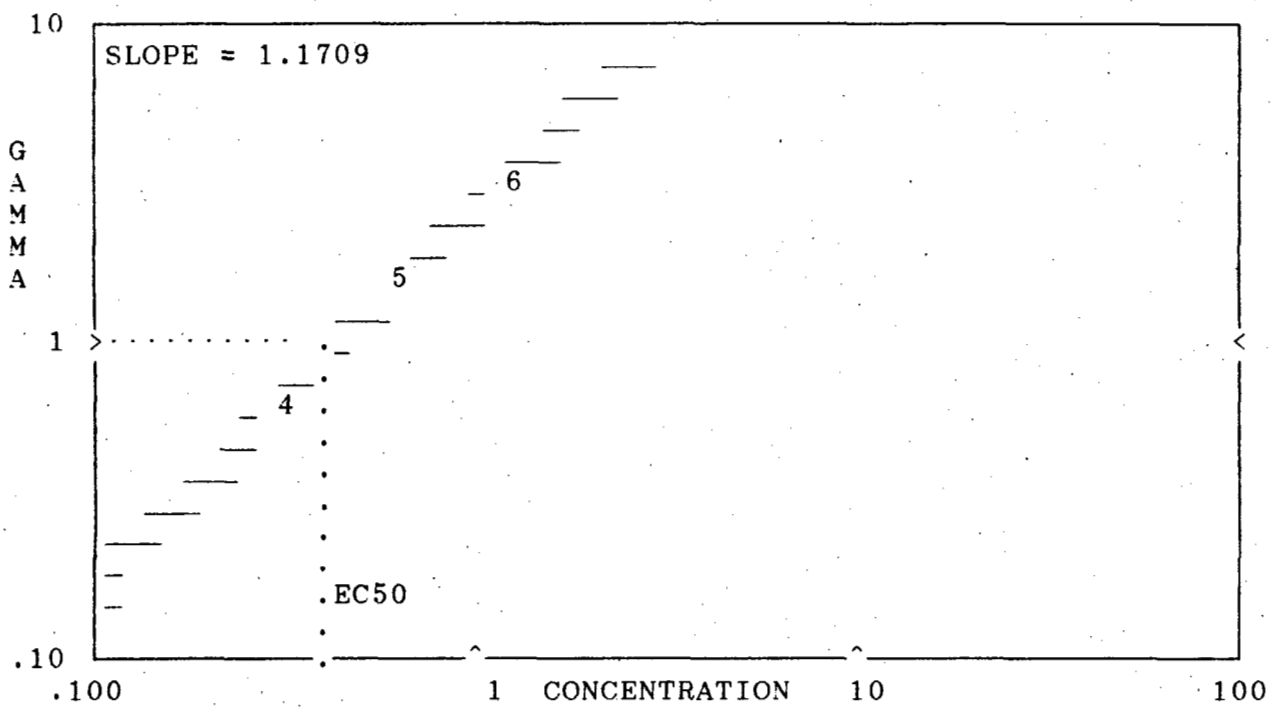


ESTIMATING EQUATION: LOG C = 0.8540 x LOG Γ -0.3925
95% CONFIDENCE FACTOR: 1.06215 FOR EC50
COEFFICIENT OF DETERMINATION: R^2 = 0.99995

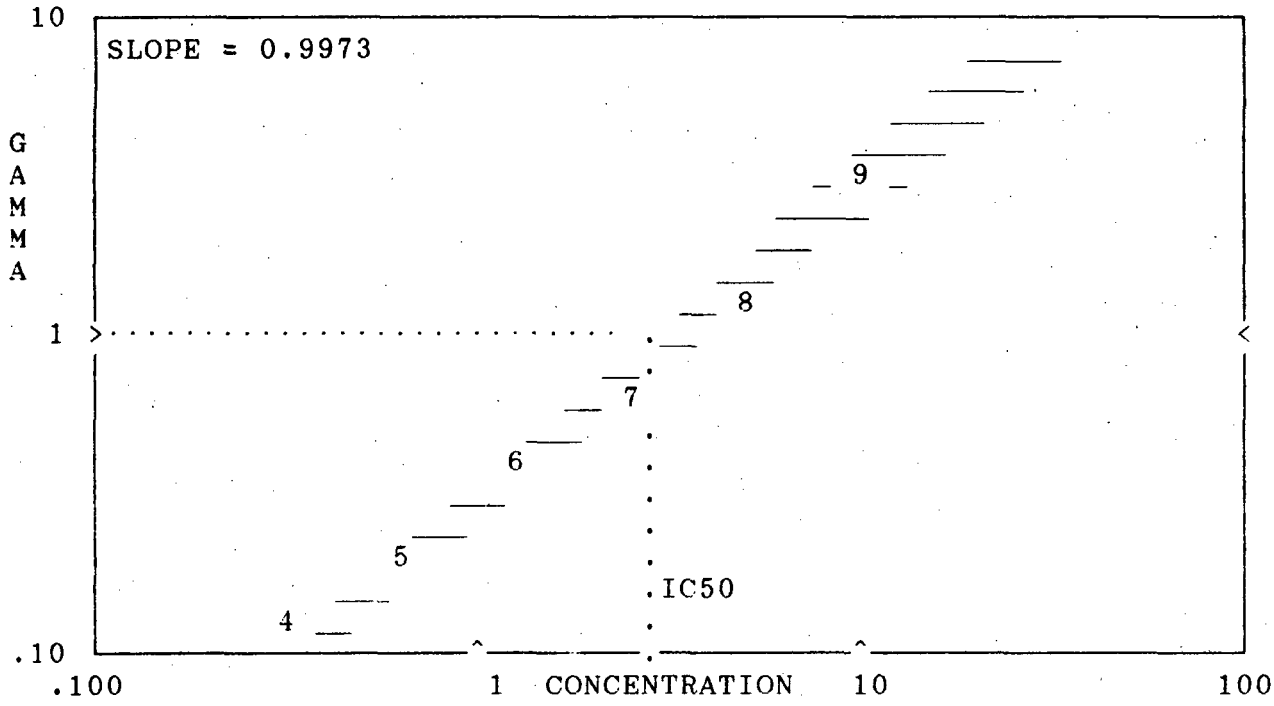
Site	Sediment Sample Weight replicate 1	replicate 2	replicate 3	Average	S.D.	Moisture	Uncorrected	Corrected EC50	Corrected UCL
Cape Mudge 1B	2.22	2.57	3.28	2.69	0.54	0.462	2.949	1.587	1.855
Cape Mudge 2B	1.66	1.62	2.17	1.82	0.31	0.637	2.207	0.802	0.856
Cape Mudge 3B	1.73	1.69	2.03	1.82	0.19	0.637	1.087	0.395	0.443
Cape Mudge 4B	3.43	3.54	3.70	3.56	0.14	0.289	3.546	2.523	3.24
Cape Mudge 5B	2.39	2.83	3.27	2.83	0.44	0.434	1.680	0.951	1.056
Cape Mudge 6B	1.96	1.62	2.24	1.94	0.31	0.612	1.193	0.463	0.547
Cape Mudge 7B	2.89	3.24	3.61	3.25	0.36	0.351	2.445	1.587	2.29
Cape Mudge 8B	2.09	2.42	2.34	2.28	0.17	0.543	1.865	0.852	0.949
Cape Mudge 9B	2.84	2.84	3.27	2.98	0.25	0.403	1.490	0.889	0.969
Malaspina 1B	1.87	2.07	1.94	1.96	0.10	0.608	0.492	0.193	0.255
Malaspina 2B	1.93	1.98	1.97	1.96	0.03	0.608	0.351	0.138	0.144
Malaspina 3B	1.89	1.93	2.07	1.96	0.09	0.607	0.362	0.142	0.173
Malaspina 4B	1.76	1.85	1.98	1.86	0.11	0.627	0.166	0.062	0.0837
Malaspina 5B	1.72	1.83	2.11	1.89	0.20	0.623	0.342	0.129	0.13
Malaspina 6B	1.80	1.84	1.97	1.87	0.09	0.626	0.274	0.102	0.119
Malaspina 7B	1.86	1.83	1.92	1.87	0.05	0.626	0.377	0.141	0.157
Malaspina 8B	1.82	1.96	1.93	1.90	0.07	0.619	0.340	0.129	0.143
Malaspina 9B	1.81	1.93	1.93	1.89	0.07	0.622	0.481	0.182	0.209
Point Grey 25B	3.03	2.64	2.91	2.86	0.20	0.428	1.221	0.699	0.972
Point Grey 27B	2.86	2.92	2.80	2.86	0.06	0.428	0.785	0.449	0.518
Point Grey 29B	2.56	2.15	2.20	2.30	0.22	0.539	1.095	0.504	0.574
Point Grey 31B	2.40	2.46	2.31	2.39	0.08	0.522	0.574	0.274	0.342
Point Grey 34B	3.61	3.71	3.76	3.69	0.08	0.261	0.767	0.567	0.572
Point Grey 36B	2.51	2.69	2.85	2.68	0.17	0.463	0.706	0.379	0.449
Point Grey 38B	2.66	2.59	2.98	2.74	0.21	0.451	0.691	0.379	0.471
Point Grey 40B	2.85	2.85	3.18	2.96	0.19	0.408	0.525	0.311	0.359
Walton Beach	3.38	3.10	3.17	3.22	0.15	0.357	0.694	0.446	0.527
Walton Beach	3.38	3.10	3.17	3.22	0.15	0.357	0.626	0.403	0.457
Walton Beach	3.38	3.10	3.17	3.22	0.15	0.357	0.587	0.378	0.415
Pender Harbour	2.29	2.15	2.41	2.28	0.13	0.543	0.348	0.159	0.173
	2.29	2.15	2.41	2.28	0.13	0.543	0.568	0.259	0.327
Halibut Bank	2.25	2.35	2.51	2.37	0.13	0.526	0.661	0.314	0.353
	2.25	2.35	2.51	2.37	0.13	0.526	0.429	0.203	0.242

MICROTOX DATA REPORT

FILE NAME: CM1BX.SPT TEST DATE:_____
TEST TIME:_____
Investigator: M. Jennell Approved by:_____
Sample Description: Cape Mudge station 1B redo 21Jul94
Procedure: SOLID-PHASE Osmotic Adjustment:
Initial Concentration : 9.868 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	88.67	0.0385	0.0565
2	89.36	0.0771	0.0483
3	87.30	0.1542	0.0731
4	84.95	0.3084	0.1028#
5	76.84	0.6168	0.2192#
6	64.12	1.2335	0.4610#
7	54.02	2.4670	0.7342#
8	38.11	4.9340	1.4581#
9	19.54	9.8680	3.7943#

CONTROL It's : 94.64 96.13 90.27 Av. = 93.68



IC50 2.9492 (95% CONFIDENCE RANGE: 2.5226 TO 3.4479)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: CM2B.SPT

TEST DATE: 21 July 94
TEST TIME:

Investigator: D. Lee

Approved by:

Sample Description: Cape Mudge Station 2 (Frozen sediment) 21 July 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

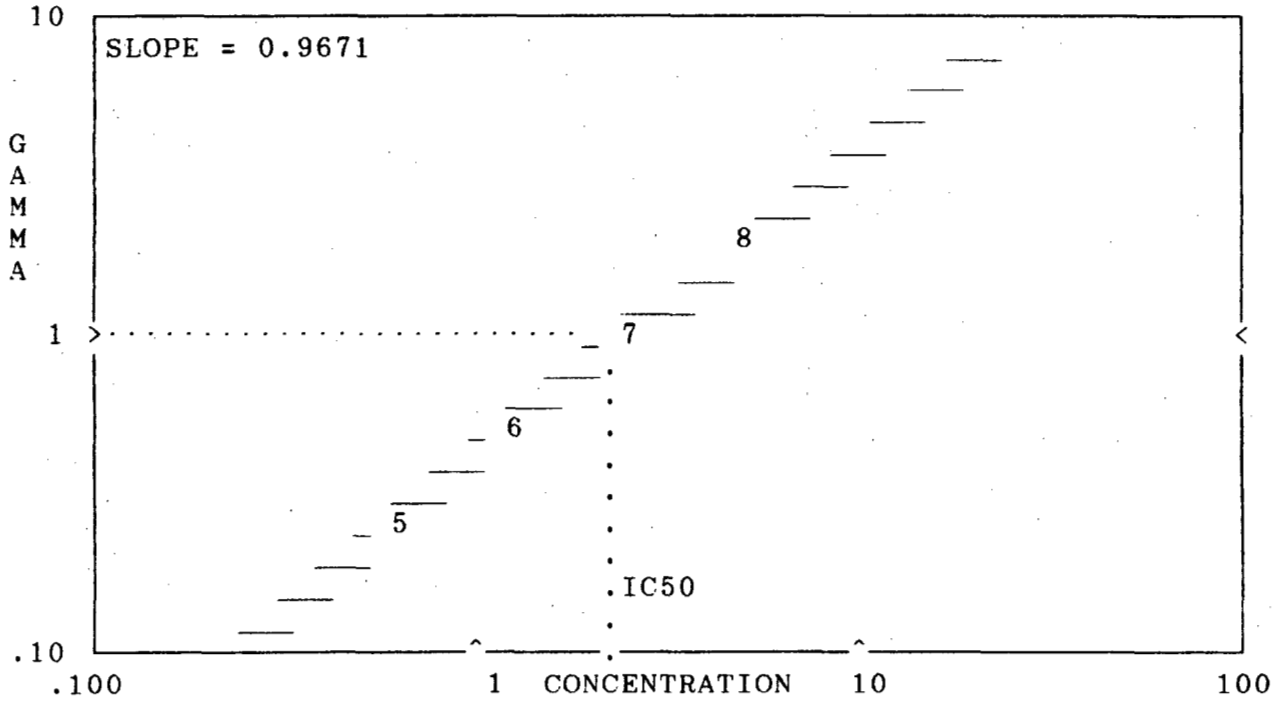
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	89.13	0.0385	0.0374
2	86.01	0.0771	0.0751
3	83.18	0.1542	0.1116
4	84.89	0.3084	0.0893
5	71.84	0.6168	0.2871#
6	58.75	1.2335	0.5739#
7	43.07	2.4670	1.1469#
8	29.55	4.9340	2.1292#
9	15.37	9.8680	5.0160

CONTROL It's : 94.74 91.88 90.78 Av. = 92.47



IC50 2.2069 (95% CONFIDENCE RANGE: 2.0651 TO 2.3586)

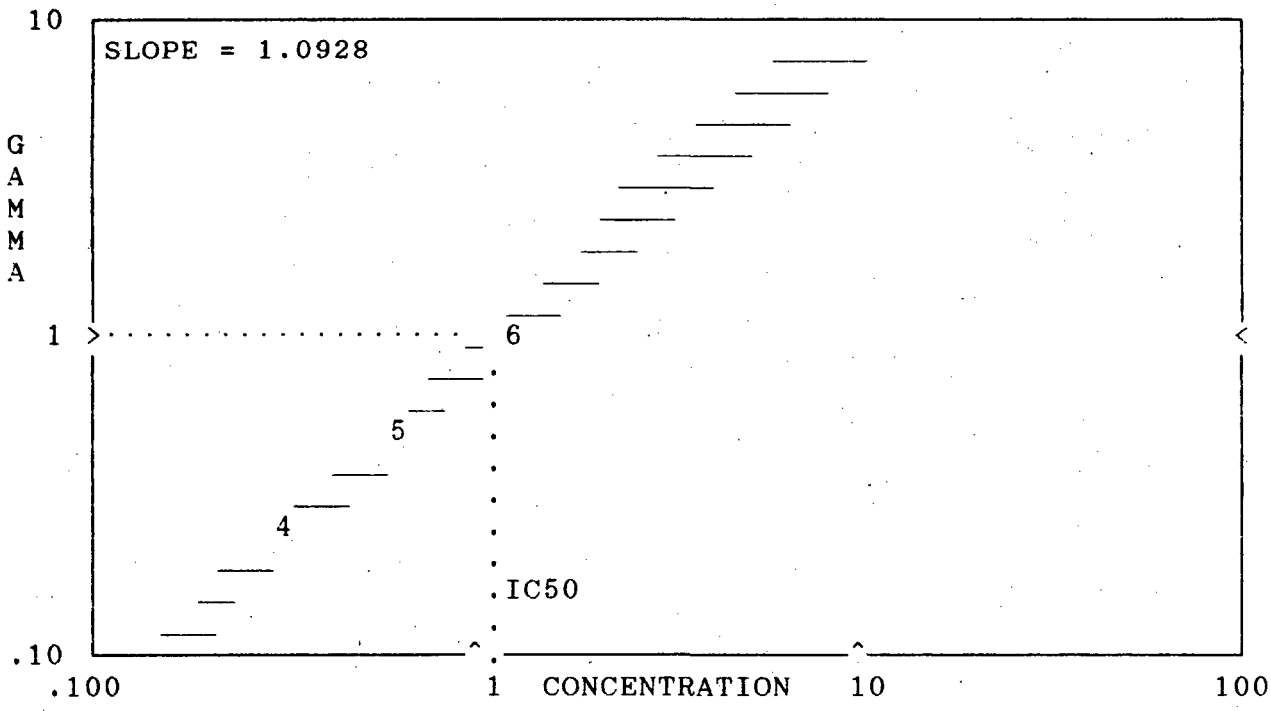
Used for calculations

MICROTOX DATA REPORT

FILE NAME: CM3B.SPT TEST DATE:_____
TEST TIME:_____
Investigator:_____ Approved by:_____
Sample Description: Cape Mudge Station 3B (Frozen sediment) 21 July 94
Procedure: SOLID-PHASE Osmotic Adjustment:
Initial Concentration : 9.868 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	86.43	0.0385	0.0041*
2	85.00	0.0771	0.0210
3	70.89	0.1542	0.2242
4	69.36	0.3084	0.2512#
5	56.21	0.6168	0.5439#
6	40.50	1.2335	1.1428#
7	29.48	2.4670	1.9438
8	18.62	4.9340	3.6608
9	8.39	9.8680	9.3437

CONTROL It's : 87.89 90.15 82.31 Av. = 86.78



IC50 1.0866 (95% CONFIDENCE RANGE: 0.9670 TO 1.2210)

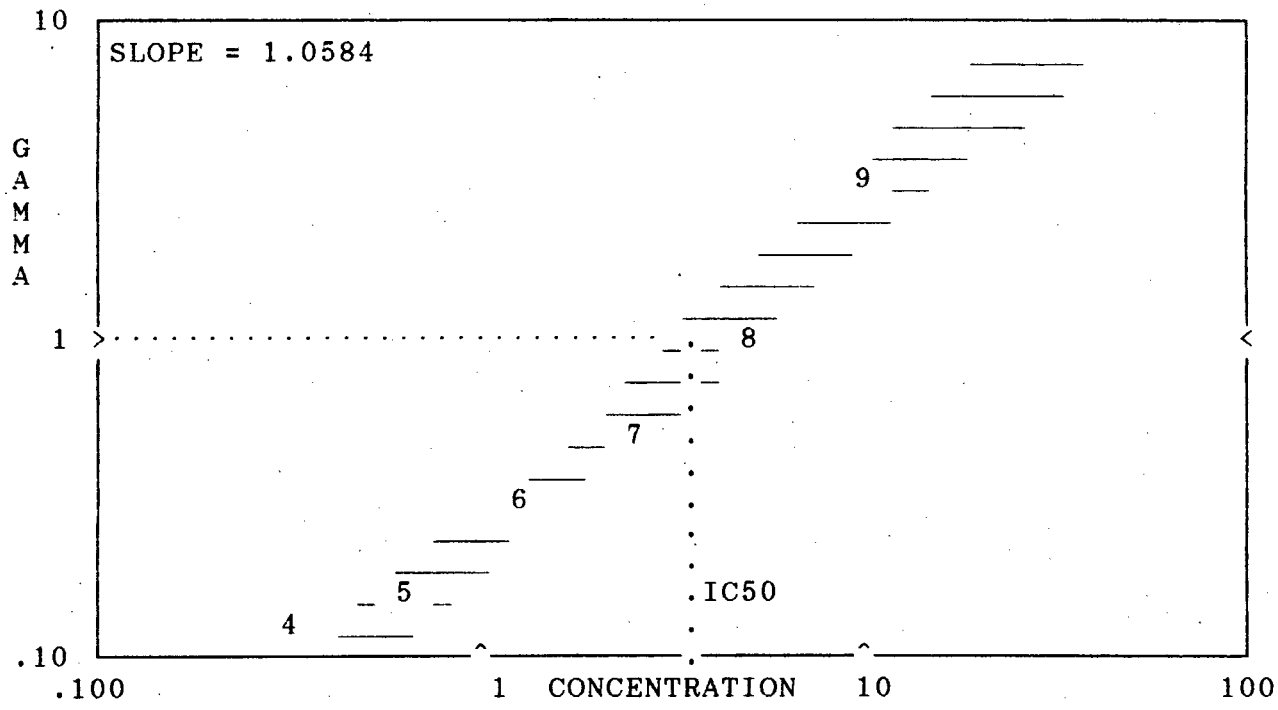
Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: CM4B.SPT
TEST DATE:_____
TEST TIME:_____
Investigator: WFS
Approved by:_____
Sample Description: Cape Mudge 4B (Frozen Sediment) 21 July 94
Procedure: SOLID-PHASE
Osmotic Adjustment:
Initial Concentration : 9.868 %
Dilution Factor : 2
Test Time: 5 minutes
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	89.91	0.0385	-0.0008*
2	83.89	0.0771	0.0709
3	92.32	0.1542	-0.0269*
4	84.55	0.3084	0.0626#
5	75.95	0.6168	0.1829#
6	64.58	1.2335	0.3911#
7	55.29	2.4670	0.6249#
8	42.42	4.9340	1.1179#
9	21.05	9.8680	3.2679#

CONTROL It's : 93.67 90.72 85.13 Av. = 89.84



IC50 3.5463 (95% CONFIDENCE RANGE: 2.7599 TO 4.5567)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: CM5B.SPT

TEST DATE: 2 Aug 94
TEST TIME:

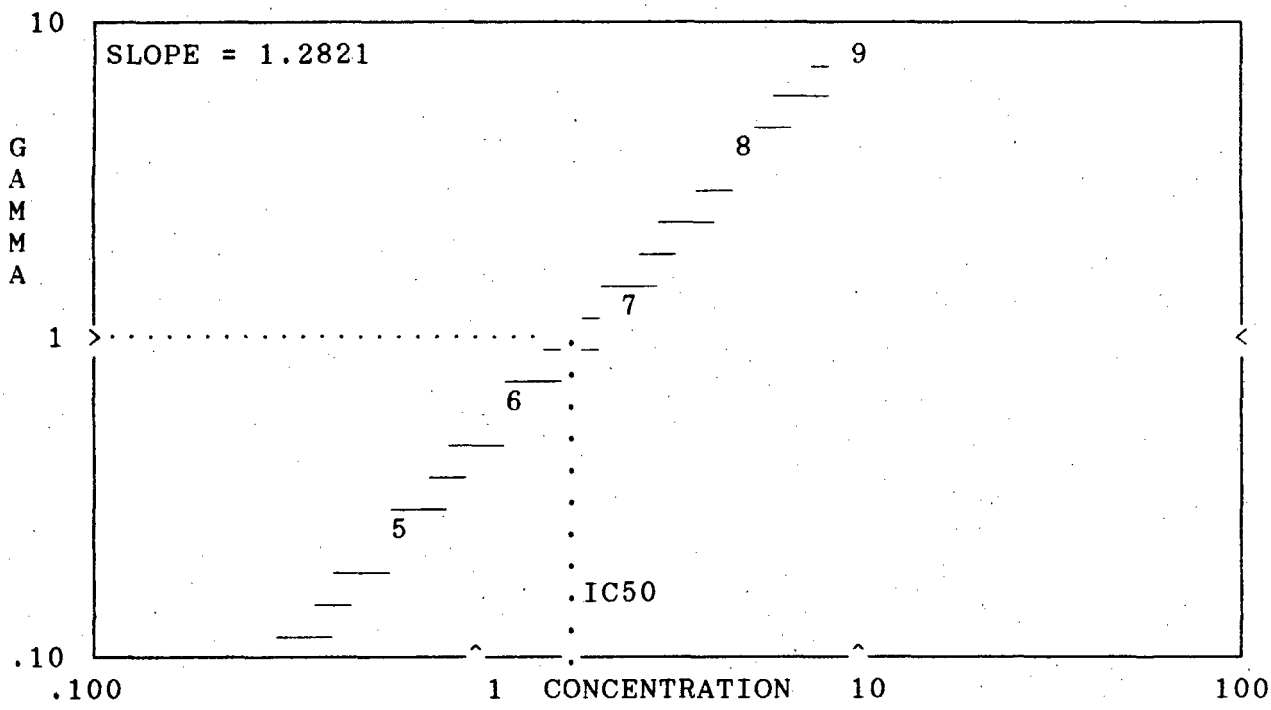
Investigator: D. Lee
Approved by:

Sample Description: Cape Mudge 5B (Frozen sediment) 2 August 94
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	91.47	0.0385	-0.0292*
2	75.05	0.0771	0.1832
3	78.61	0.1542	0.1296
4	73.54	0.3084	0.2075
5	70.30	0.6168	0.2631#
6	51.59	1.2335	0.7212#
7	34.60	2.4670	1.5664#
8	16.46	4.9340	4.3947#
9	8.82	9.8680	9.0676#

CONTROL It's : 93.01 87.96 85.42 Av. = 88.80



IC50 1.6796% (95% CONFIDENCE RANGE: 1.5122 TO 1.8655)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: CM6B.SPT

TEST DATE: 2Aug94
TEST TIME:

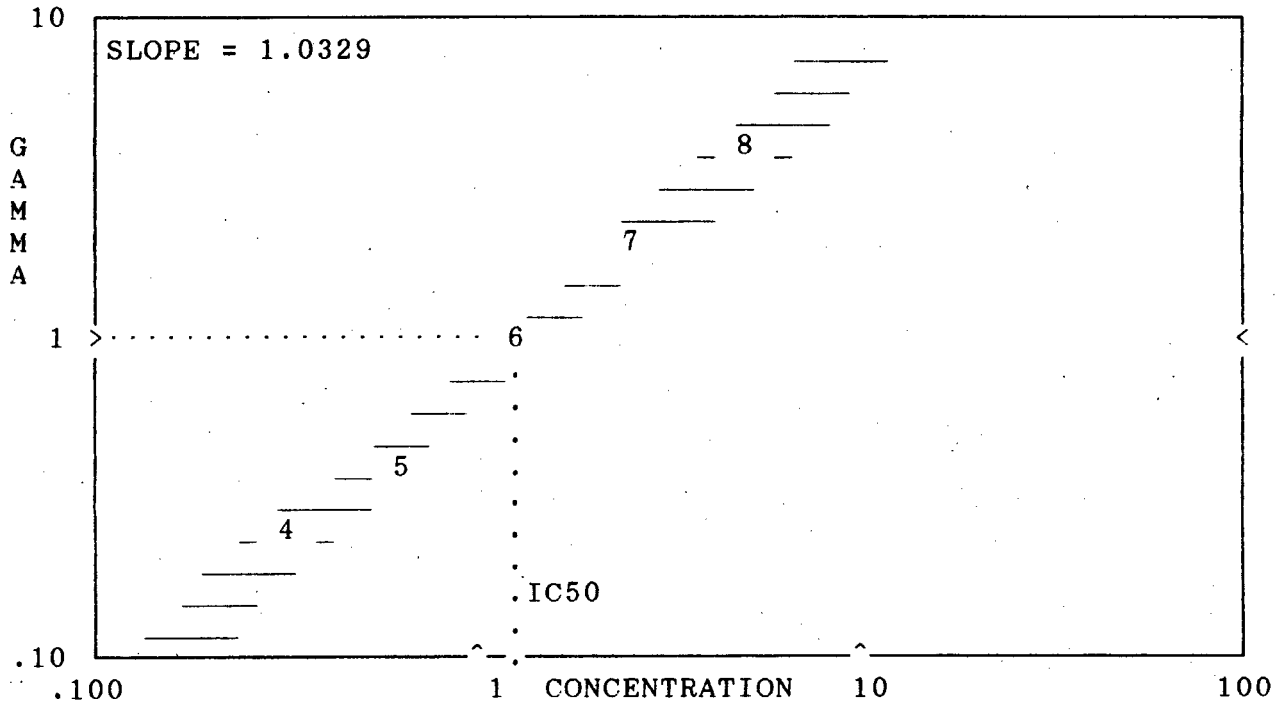
Investigator: M.Fennell
Approved by:

Sample Description: CAPE MUDGE STATION 6B SEDIMENT SAMPLE
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	89.66	0.0385	0.0948
2	95.35	0.0771	0.0295
3	84.58	0.1542	0.1606
4	78.02	0.3084	0.2581#
5	68.29	0.6168	0.4374#
6	44.68	1.2335	1.1970#
7	31.90	2.4670	2.0771#
8	18.70	4.9340	4.2492#
9	8.14	9.8680	11.0590

CONTROL It's : 97.26 100.40 96.82 Av. = 98.16



IC50 1.1925% (95% CONFIDENCE RANGE: 1.0082 TO 1.4104)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: CM7B.SPT

TEST DATE: 2 Aug 94
TEST TIME:

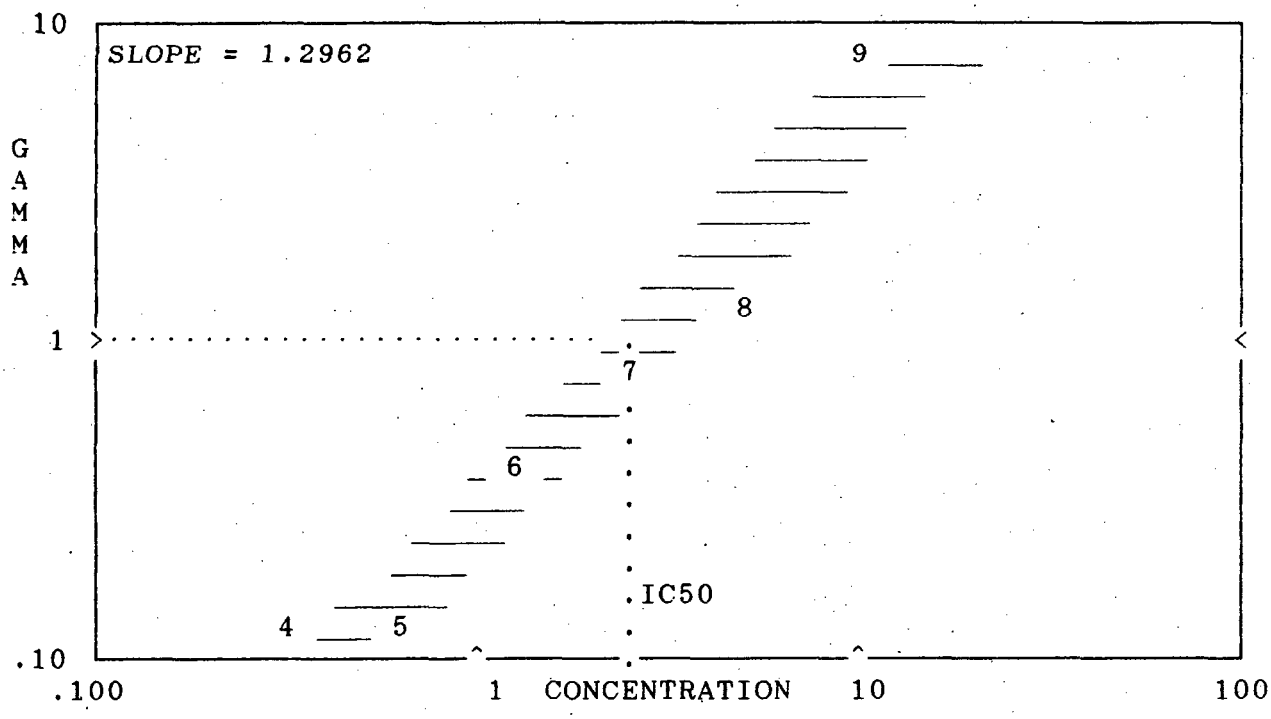
Investigator: D Lee
Approved by:

Sample Description: CAPE MUDGE 7B (FROZEN SEDIMENT) 2 AUGUST 94
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	90.81	0.0385	0.0047*
2	102.54	0.0771	-0.1103*
3	91.25	0.1542	-0.0002*
4	83.16	0.3084	0.0971#
5	81.07	0.6168	0.1254#
6	65.11	1.2335	0.4012#
7	49.56	2.4670	0.8409#
8	35.50	4.9340	1.5700#
9	8.37	9.8680	9.9000#

CONTROL It's : 92.41 92.42 88.87 Av. = 91.23



IC50 2.4446 (95% CONFIDENCE RANGE: 1.6915 TO 3.5329)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: CM8B.SPT

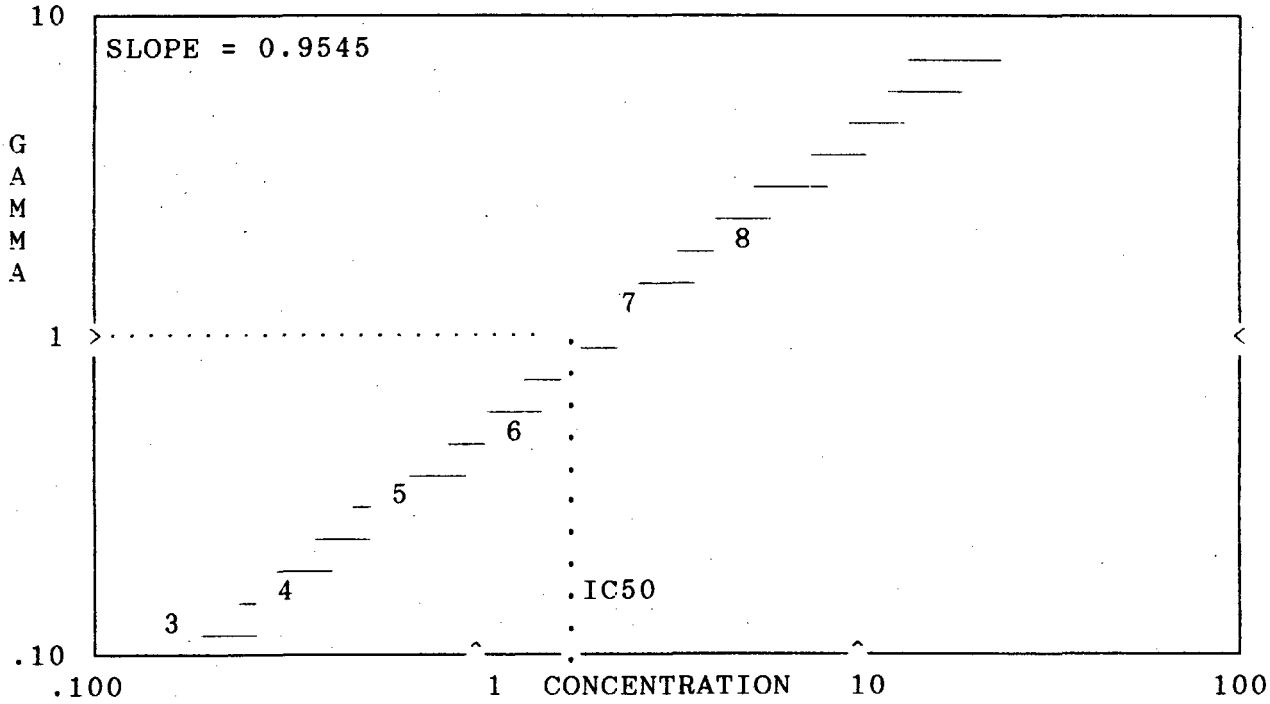
TEST DATE: 2 Aug 94
TEST TIME:

Investigator: D. Lee
Approved by:

Sample Description: CAPE MUDGE 8B (FROZEN SEDIMENT) 2 AUGUST 94
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	88.66	0.0385	0.0678
2	99.84	0.0771	-0.0518*
3	86.97	0.1542	0.0885#
4	79.35	0.3084	0.1931#
5	70.30	0.6168	0.3467#
6	58.52	1.2335	0.6177#
7	39.12	2.4670	1.4200#
8	27.48	4.9340	2.4451#
9	0.39	9.8680	241.7436*
CONTROL It's :	94.26	95.08	54.19* Av. = 94.67



IC50 1.8650 (95% CONFIDENCE RANGE: 1.6755 TO 2.0759)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: CM9B.SPT

TEST DATE: 2Aug94
TEST TIME:

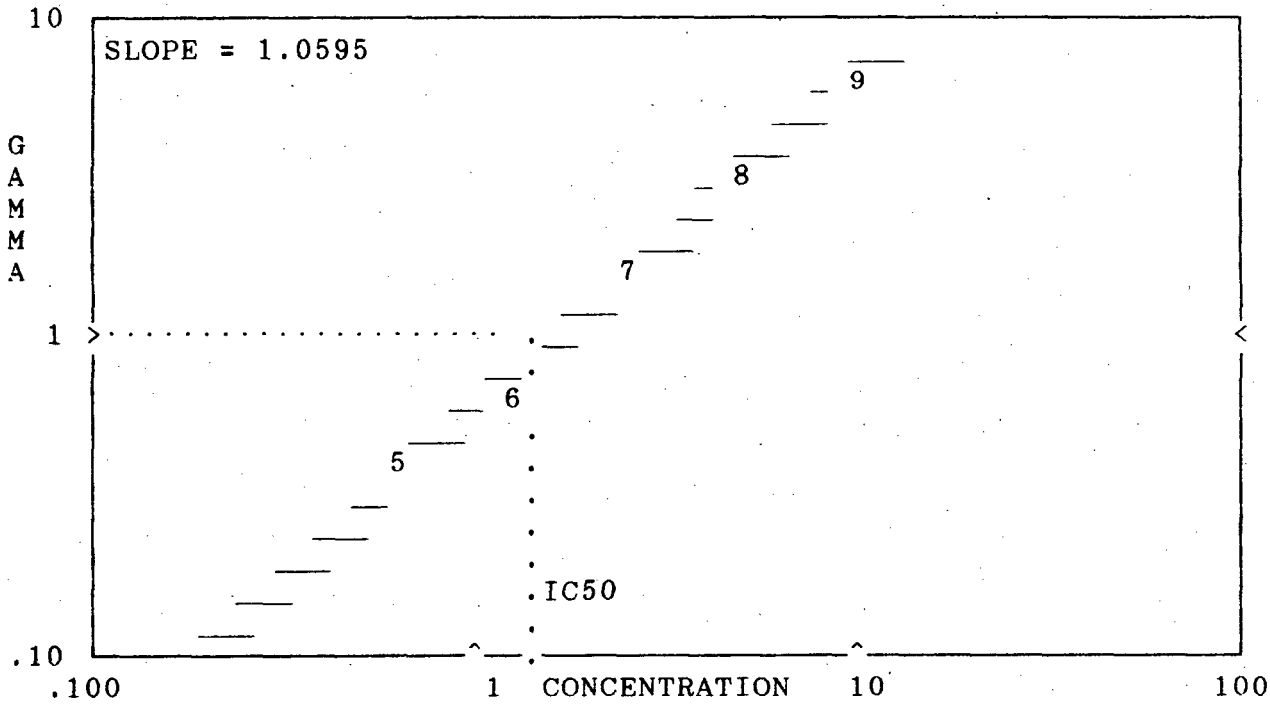
Investigator: M Fennell
Approved by:

Sample Description: CAPE MUDGE STATION 9B SEDIMENT
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	92.15	0.0385	0.0525
2	87.54	0.0771	0.1079
3	85.28	0.1542	0.1373
4	73.64	0.3084	0.3170
5	69.23	0.6168	0.4009#
6	54.57	1.2335	0.7773#
7	34.43	2.4670	1.8169#
8	22.07	4.9340	3.3945#
9	11.35	9.8680	7.5451#

CONTROL It's : 97.22 89.81 103.93 Av. = 96.99



IC50 1.4904 % (95% CONFIDENCE RANGE: 1.3688 TO 1.6228)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: MALSTN1B.SPT

TEST DATE:_____
TEST TIME:_____

Investigator: DLL

Approved by:_____

Sample Description: Malaspina Station 1B Frozen Sediment 29 June 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

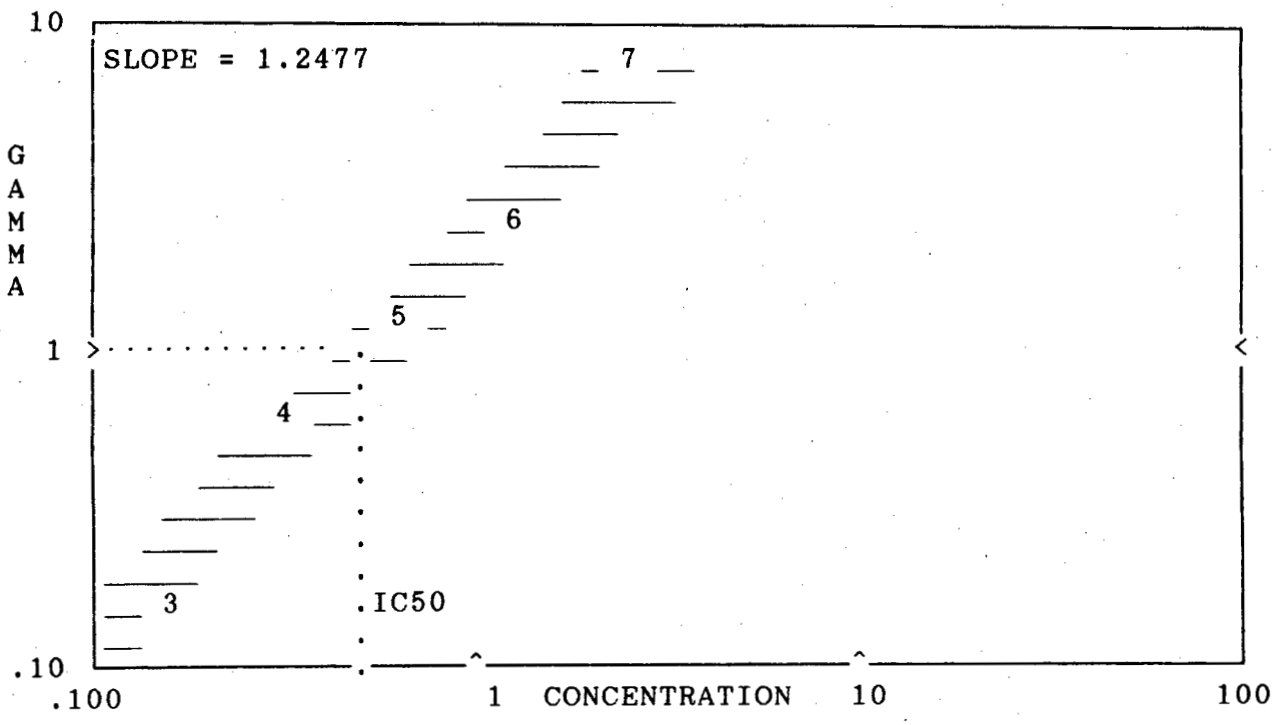
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	77.46	0.0385	0.1307
2	168.44	0.0771	-0.4800*
3	73.08	0.1542	0.1985#
4	49.89	0.3084	0.7556#
5	37.32	0.6168	1.3469#
6	24.64	1.2335	2.5547#
7	9.57	2.4670	8.1522#
8	12.29	4.9340	6.1267
9	5.96	9.8680	13.6958

CONTROL It's : 92.36 84.47 85.93 Av. = 87.59



IC50 0.4924 (95% CONFIDENCE RANGE: 0.3734 TO 0.6494)

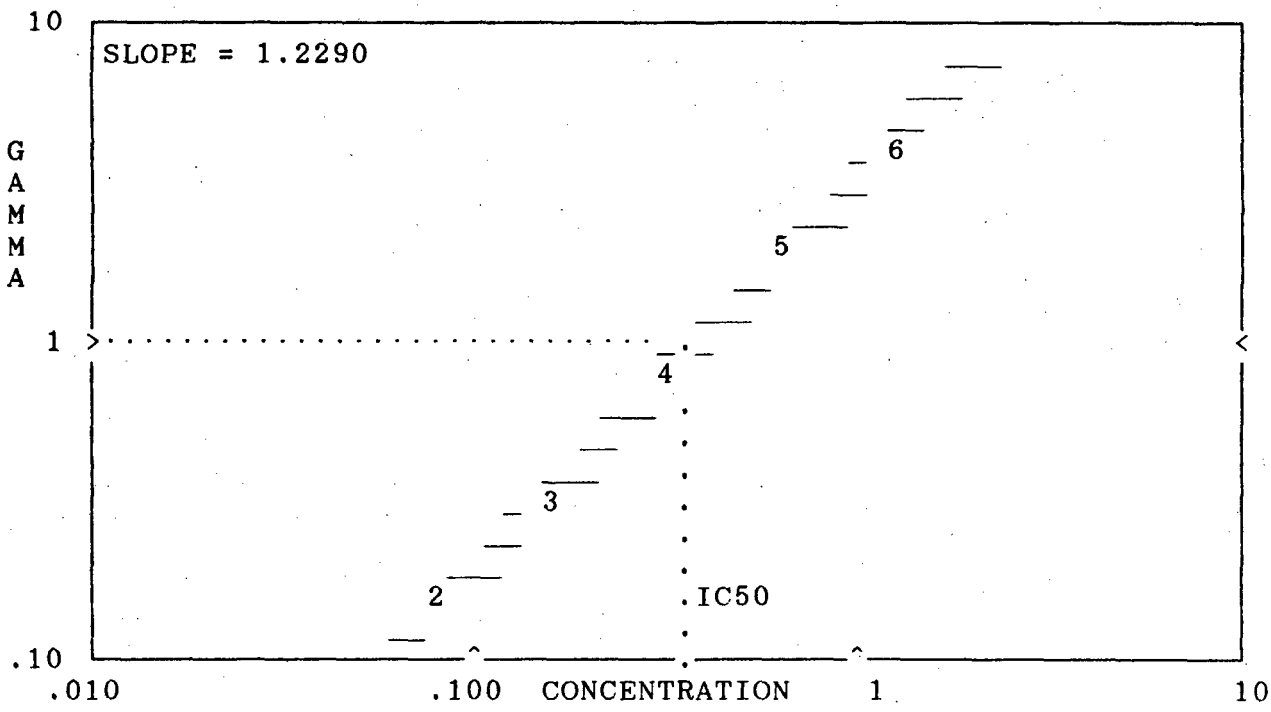
Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: MALSTN2B.SPT TEST DATE:_____
TEST TIME:_____
Investigator: DLL Approved by:_____
Sample Description: Malaspina Station 2B Frozen Sediment 29 June 94
Procedure: SOLID-PHASE Osmotic Adjustment:
Initial Concentration : 9.868 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	86.10	0.0385	0.0350
2	76.81	0.0771	0.1602#
3	65.43	0.1542	0.3620#
4	49.42	0.3084	0.8033#
5	29.40	0.6168	2.0312#
6	15.40	1.2335	4.7868#
7	8.78	2.4670	9.1500
8	5.90	4.9340	14.1045
9	3.71	9.8680	23.0207

CONTROL It's : 91.42 86.90 89.03 Av. = 89.12



IC50 0.3508 (95% CONFIDENCE RANGE: 0.3339 TO 0.3684)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: MALSTN3B.SPT

TEST DATE:_____
TEST TIME:_____

Investigator: DLL

Approved by:_____

Sample Description: Malaspina Station 3B Frozen Sediment 29 June 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

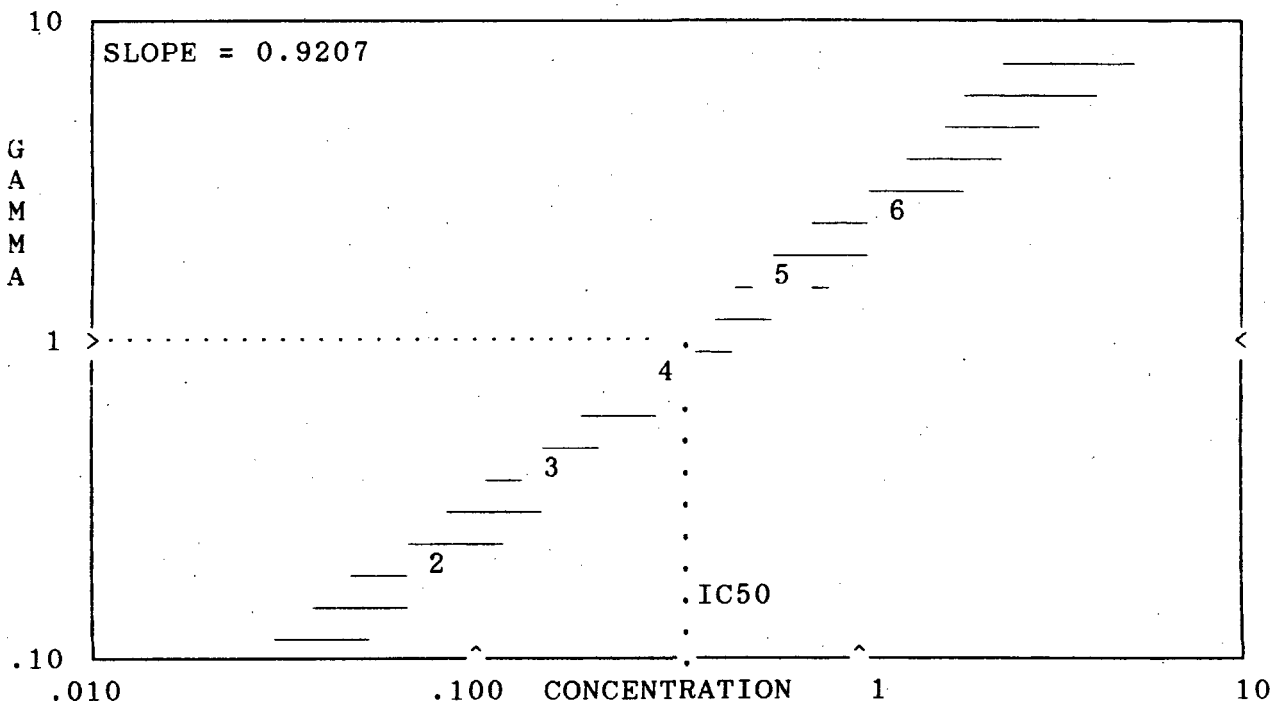
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	77.98	0.0385	0.1918
2	75.86	0.0771	0.2251#
3	62.34	0.1542	0.4908#
4	51.27	0.3084	0.8127#
5	32.04	0.6168	1.9006#
6	24.58	1.2335	2.7810#
7	9.43	2.4670	8.8554
8	8.46	4.9340	9.9854
9	5.76	9.8680	15.1348

CONTROL It's : 91.47 90.40 96.94 Av. = 92.94



IC50 0.3619 (95% CONFIDENCE RANGE: 0.2973 TO 0.4405)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: MALSTN4B.SPT

TEST DATE:_____
TEST TIME:_____

Investigator: DLL

Approved by:_____

Sample Description: Malaspina Station 4B Frozen Sediment 29 June 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

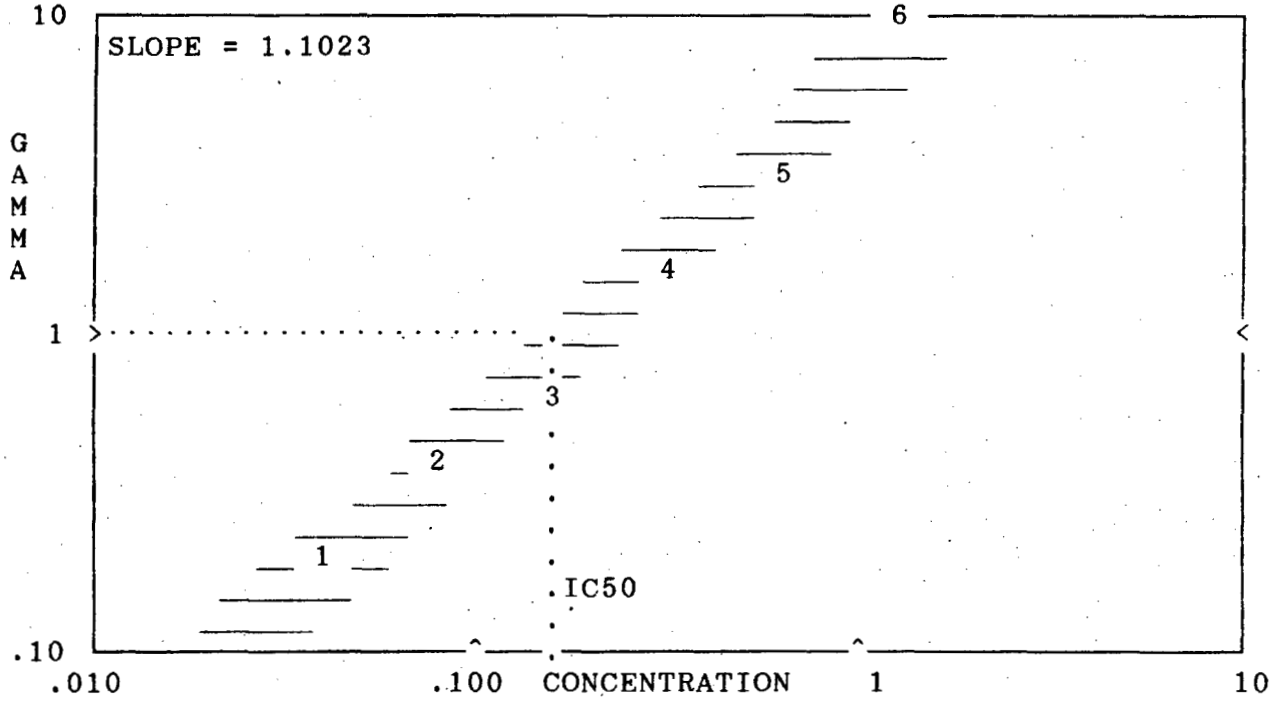
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	74.63	0.0385	0.2490#
2	62.71	0.0771	0.4864#
3	56.80	0.1542	0.6411#
4	33.90	0.3084	1.7497#
5	19.73	0.6168	3.7244#
6	6.84	1.2335	12.6277#
7	3.24	2.4670	27.7696
8	4.36	4.9340	20.3792
9	2.60	9.8680	34.8513

CONTROL It's : 93.19 94.29 92.16 Av. = 93.21



IC50 0.1662 (95% CONFIDENCE RANGE: 0.1231 TO 0.2243)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: MALSTN5B.SPT

TEST DATE:_____
TEST TIME:_____

Investigator: DLL

Approved by:_____

Sample Description: Malaspina Station 5B Frozen Sediment 29 June 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

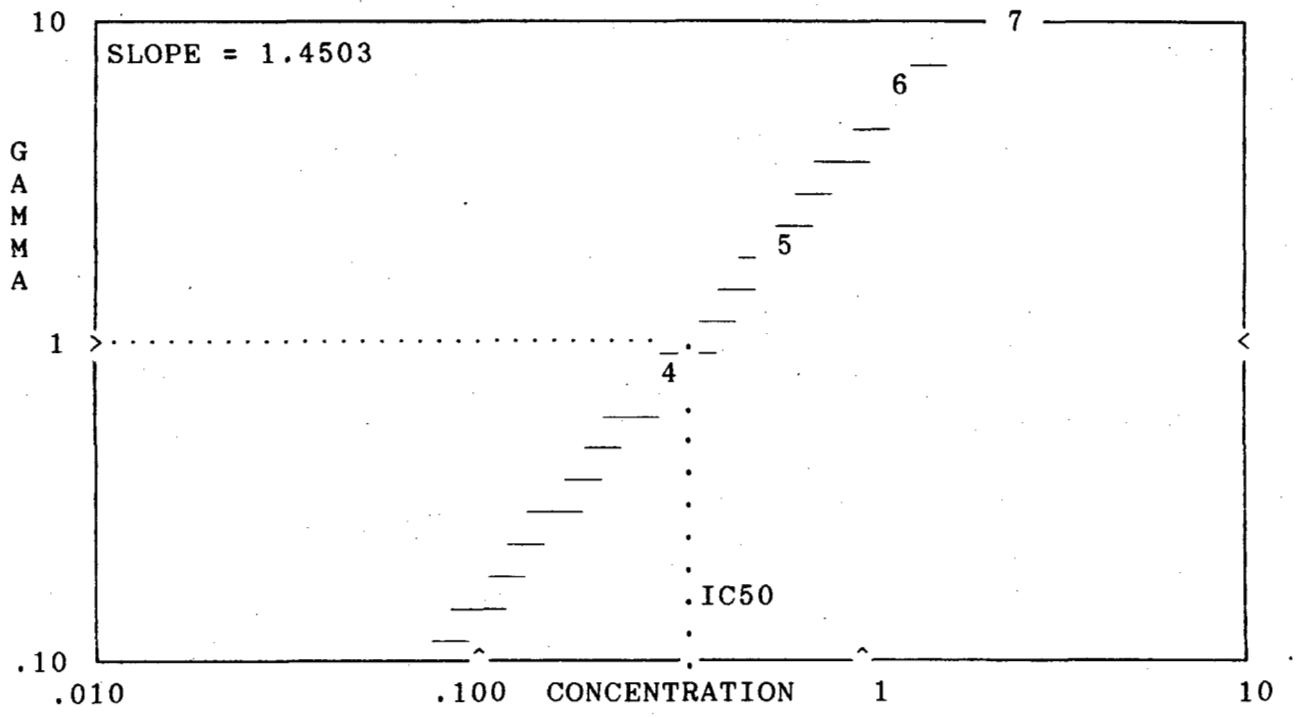
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	93.11	0.0385	0.0421
2	77.63	0.0771	0.2499
3	65.13	0.1542	0.4898
4	52.17	0.3084	0.8599#
5	28.85	0.6168	2.3634#
6	13.02	1.2335	6.4526#
7	5.23	2.4670	17.5532#
8	4.23	4.9340	21.9393
9	3.67	9.8680	25.4396

CONTROL It's : 89.97 100.19 100.94 Av. = 97.03



IC50 0.3416 (95% CONFIDENCE RANGE: 0.3387 TO 0.3444)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: MALSTN6B.SPT

TEST DATE:_____
TEST TIME:_____

Investigator: DLL

Approved by:_____

Sample Description: Malaspina Station 6B Frozen Sediment 29 June 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

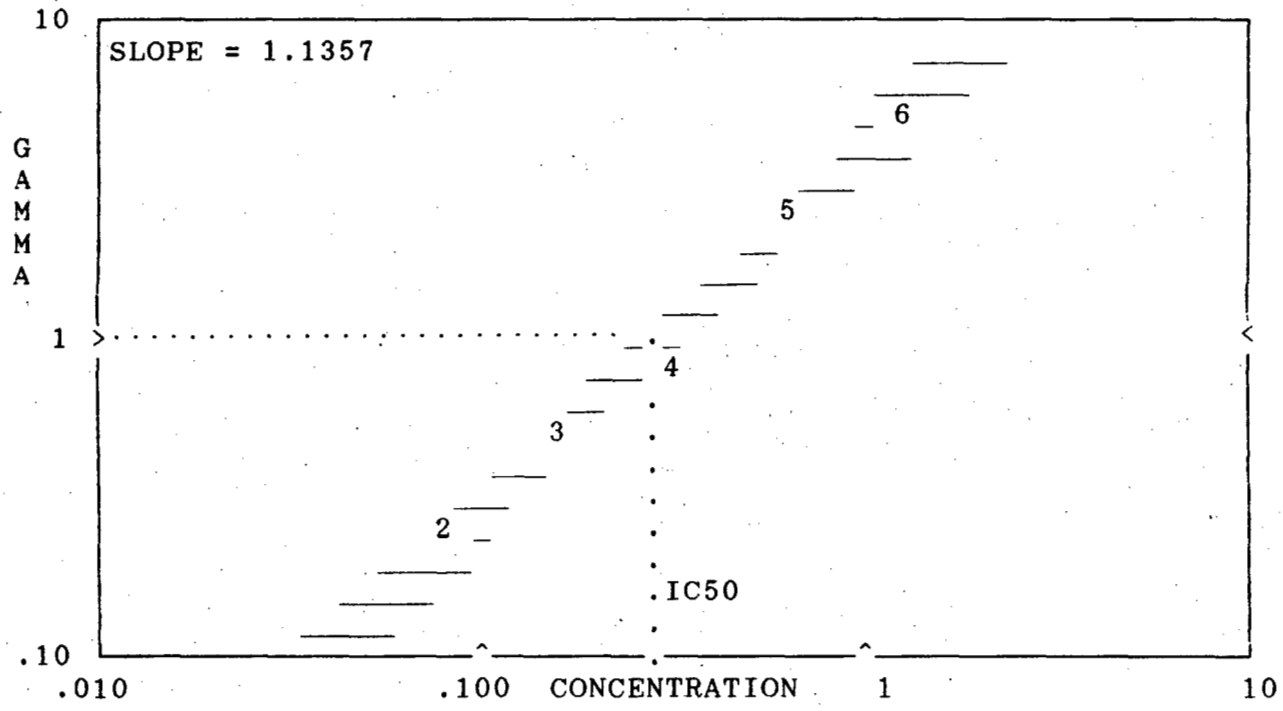
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	75.71	0.0385	0.1344
2	68.07	0.0771	0.2617#
3	56.94	0.1542	0.5084#
4	43.37	0.3084	0.9803#
5	24.31	0.6168	2.5330#
6	12.26	1.2335	6.0054#
7	10.62	2.4670	7.0873
8	2.31	4.9340	36.1804
9	1.80	9.8680	46.7148

CONTROL It's : 90.59 83.43 83.64 Av. = 85.89



IC50 0.2735 (95% CONFIDENCE RANGE: 0.2360 TO 0.3171)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: MAL7B.SPT

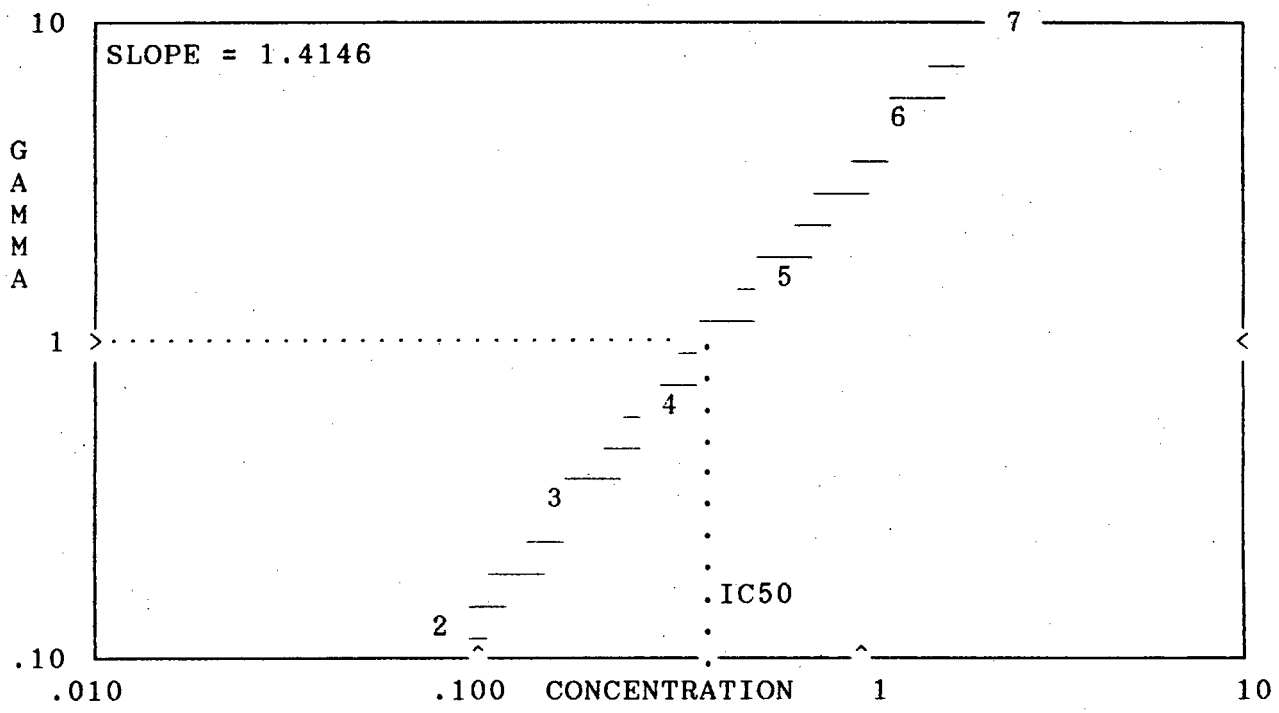
TEST DATE: 12 July 94
TEST TIME:

Investigator: D. Lee
Approved by:

Sample Description: Malaspina 7B (Frozen Sediment)
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	80.51	0.0385	0.0840
2	79.72	0.0771	0.0948#
3	64.83	0.1542	0.3462#
4	49.60	0.3084	0.7596#
5	31.51	0.6168	1.7698#
6	14.16	1.2335	5.1636#
7	5.41	2.4670	15.1325#
8	3.50	4.9340	23.9362
9	1.29	9.8680	66.6563*
CONTROL It's :	92.13	90.90	78.80 Av. = 87.28



IC50 0.3772 (95% CONFIDENCE RANGE: 0.3379 TO 0.4210)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: MAL8B.SPT

TEST DATE: 11 July 94
TEST TIME:

Investigator: D. Lee

Approved by:

Sample Description: Malaspina Station 8B (Frozen Sediment) 11 July 94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

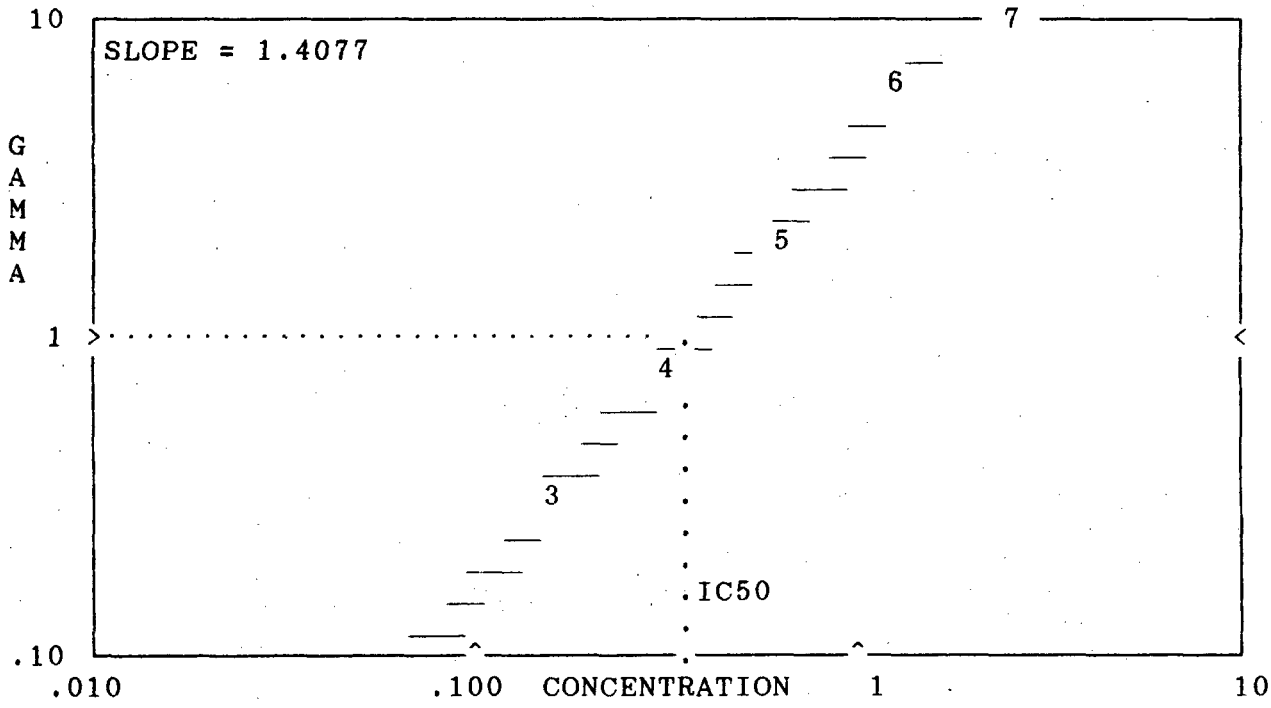
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	80.09	0.0385	0.1512
2	78.08	0.0771	0.1808
3	68.94	0.1542	0.3373#
4	48.28	0.3084	0.9096#
5	30.36	0.6168	2.0368#
6	12.34	1.2335	6.4714#
7	5.23	2.4670	16.6284#
8	3.57	4.9340	24.8254
9	3.05	9.8680	29.2284

CONTROL It's : 94.64 89.66 92.29 Av. = 92.20



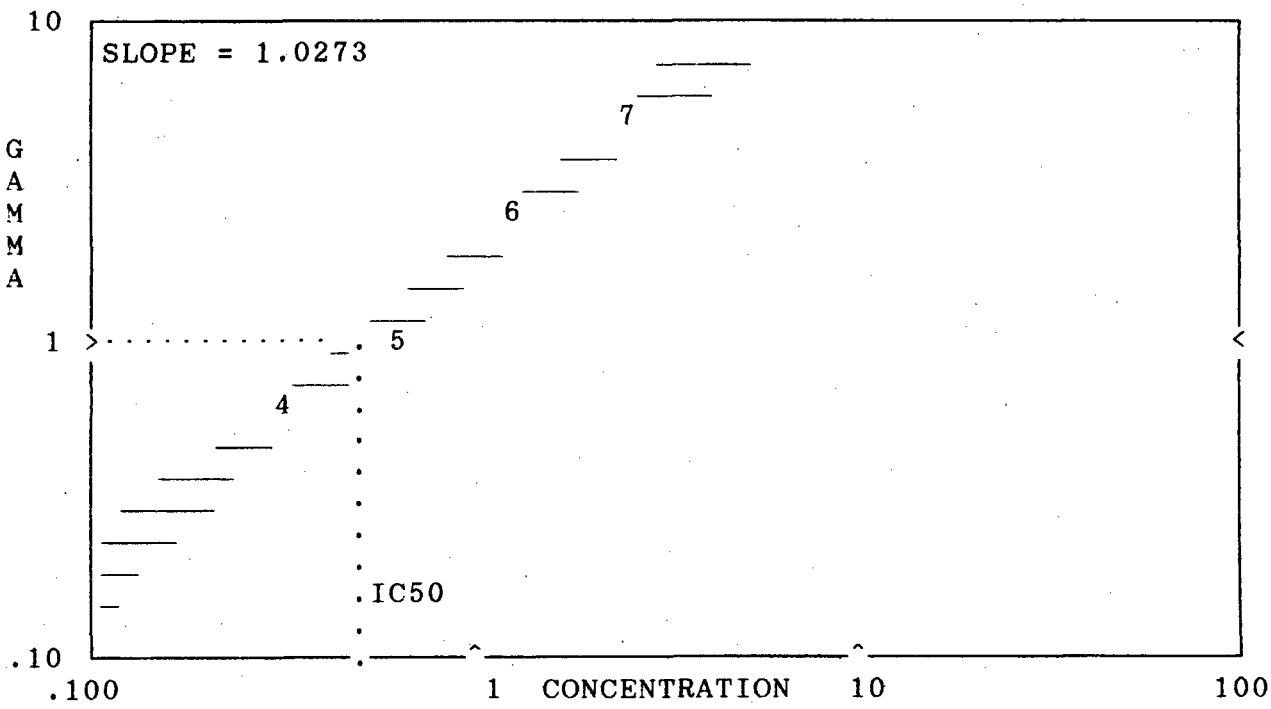
IC50 0.3397 (95% CONFIDENCE RANGE: 0.3070 TO 0.3757)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: MAL9B2.SPT (renamed mal9B.spt in filesdisk) TEST DATE: 12 July 94
TEST TIME:
Investigator: D. Lee Approved by:
Sample Description: Malaspina Station 9B (frozen sediment) 12 July 94
Procedure: SOLID-PHASE Osmotic Adjustment:
Initial Concentration : 9.868 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	62.56	0.0385	0.3842
2	72.67	0.0771	0.1916
3	70.29	0.1542	0.2320
4	52.66	0.3084	0.6444#
5	38.84	0.6168	1.2296#
6	22.95	1.2335	2.7733#
7	13.80	2.4670	5.2751#
8	12.67	4.9340	5.8348
9	1.10	9.8680	77.7242*
CONTROL It's :	91.23	89.52	79.04 Av. = 86.60



IC50 0.4811 (95% CONFIDENCE RANGE: 0.4179 TO 0.5539)

Used for calculations
* Invalid data or controls

25B

MICROTOX DATA REPORT

FILE NAME: STN25PG.SPT

TEST DATE: 28-June 94
TEST TIME: _____

Investigator: _____ Approved by: _____

Sample Description: Point Grey Dump Site station 25, retested 28/Jun/94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

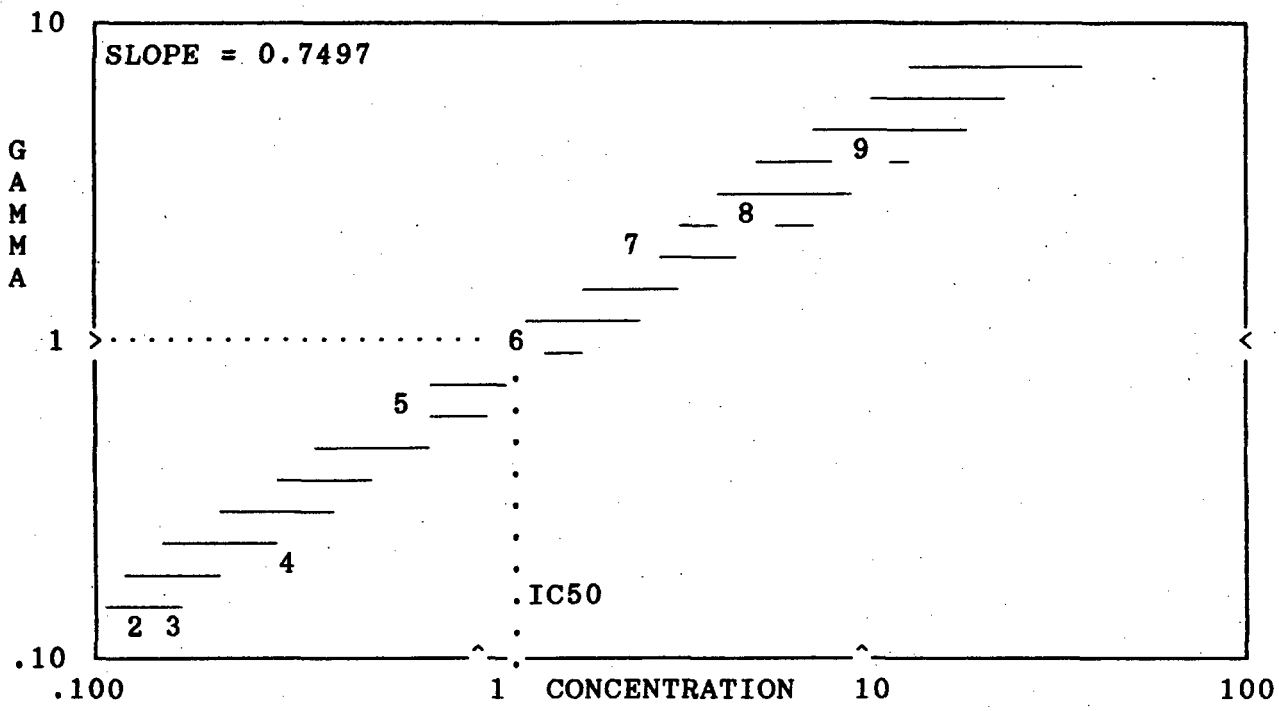
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	83.58	0.0385	0.0909#
2	79.18	0.0771	0.1516#
3	79.49	0.1542	0.1471#
4	75.69	0.3084	0.2047#
5	54.67	0.6168	0.6678#
6	40.44	1.2335	1.2547#
7	29.70	2.4670	2.0700#
8	24.97	4.9340	2.6516#
9	16.98	9.8680	4.3698#

CONTROL It's : 91.82 94.83 86.89 Av. = 91.18



IC50 1.2214 (95% CONFIDENCE RANGE: 0.8779 TO 1.6993)

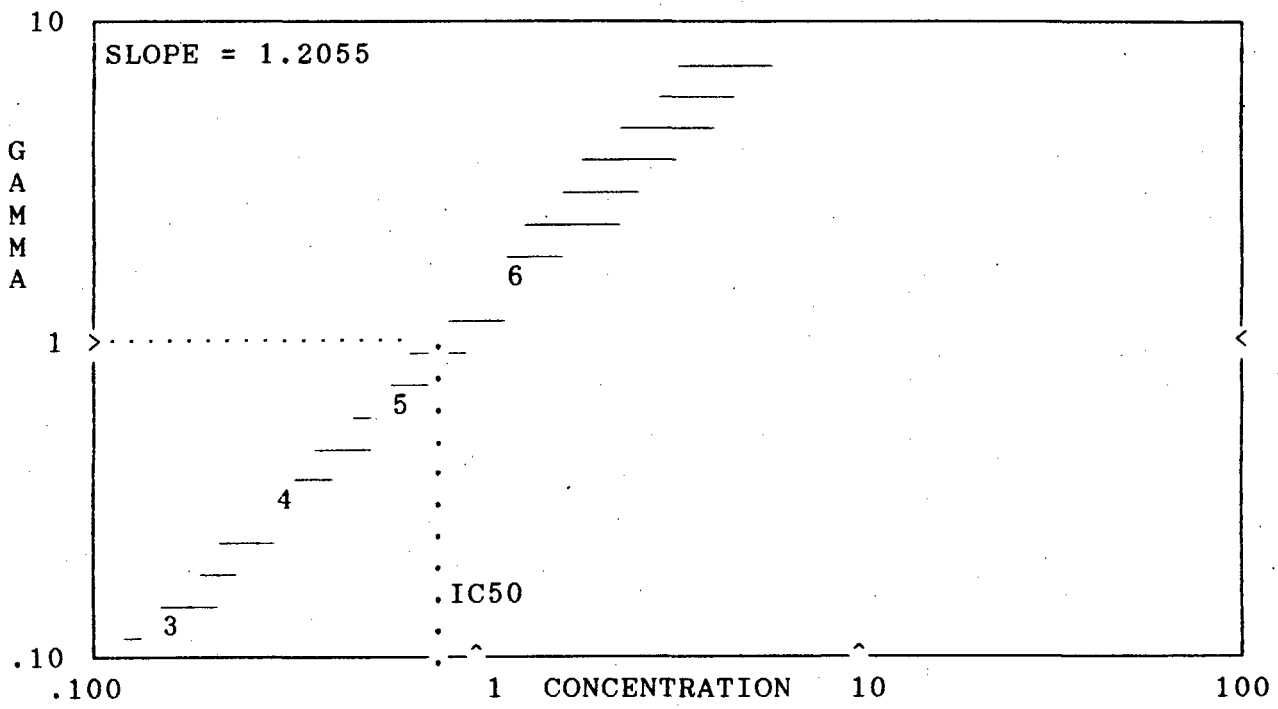
Used for calculations

MICROTOX DATA REPORT

FILE NAME: PTGREY27.SPT TEST DATE: 22 June 94
TEST TIME:
Investigator: Approved by:
Sample Description: Point Grey Frozen Sediment Station 27 June 22, 1994
Procedure: SOLID-PHASE Osmotic Adjustment:
Initial Concentration : 9.868 % Dilution Factor : 2
Test Time: 5 minutes Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	87.32	0.0385	0.0473
2	83.01	0.0771	0.1017
3	80.60	0.1542	0.1346#
4	67.80	0.3084	0.3488#
5	52.99	0.6168	0.7258#
6	33.76	1.2335	1.7088#
7	25.12	2.4670	2.6405
8	20.71	4.9340	3.4157
9	17.89	9.8680	4.1118

CONTROL It's : 92.93 89.29 92.13 Av. = 91.45



IC50 0.7853 (95% CONFIDENCE RANGE: 0.6806 TO 0.9062)

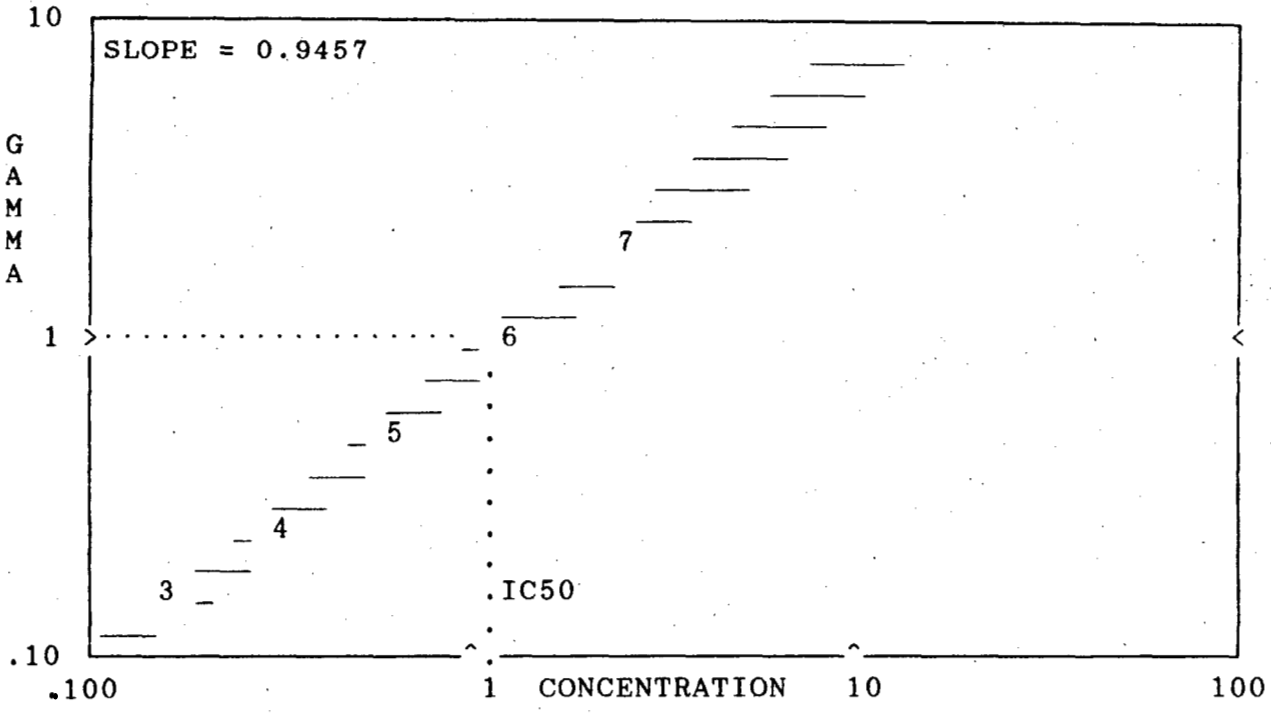
Used for calculations

MICROTOX DATA REPORT

FILE NAME: PTGREY29.SPT
TEST DATE: 22 June 94
TEST TIME:
Investigator: WF
Approved by:
Sample Description: Point Grey Station 29 June 22, 1994
Procedure: SOLID-PHASE
Osmotic Adjustment:
Initial Concentration : 9.868 %
Dilution Factor : 2
Test Time: 5 minutes
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	93.86	0.0385	-0.0338*
2	81.55	0.0771	0.1121
3	77.98	0.1542	0.1630#
4	71.21	0.3084	0.2736#
5	56.71	0.6168	0.5992#
6	41.56	1.2335	1.1821#
7	29.46	2.4670	2.0784#
8	21.64	4.9340	3.1909
9	9.21	9.8680	8.8469

CONTROL It's : 92.12 91.26 88.69 Av. = 90.69



IC50 1.0947 (95% CONFIDENCE RANGE: 0.9624 TO 1.2452)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: SP31.SPT

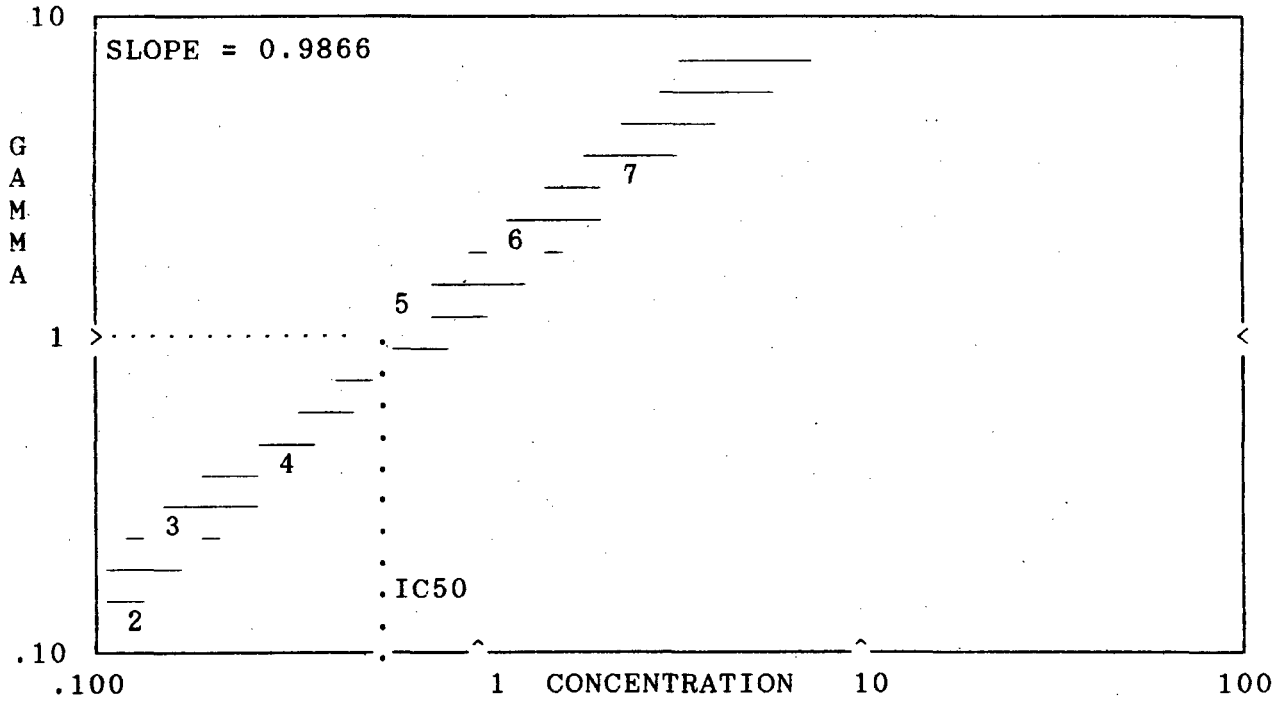
TEST DATE: 22 June 94
TEST TIME:

Investigator: M.
Approved by:

Sample Description: Pt. Grey Solid Phase station 31
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	92.93	0.0385	0.0355
2	84.81	0.0771	0.1347#
3	75.47	0.1542	0.2751#
4	66.49	0.3084	0.4473#
5	39.14	0.6168	1.4587#
6	31.06	1.2335	2.0983#
7	20.18	2.4670	3.7687#
8	17.57	4.9340	4.4771
9	11.45	9.8680	7.4047
CONTROL It's :	91.95	113.90	82.85	Av. = 96.23



IC50 0.5739 (95% CONFIDENCE RANGE: 0.4598 TO 0.7165)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: PTGREY34.SPT

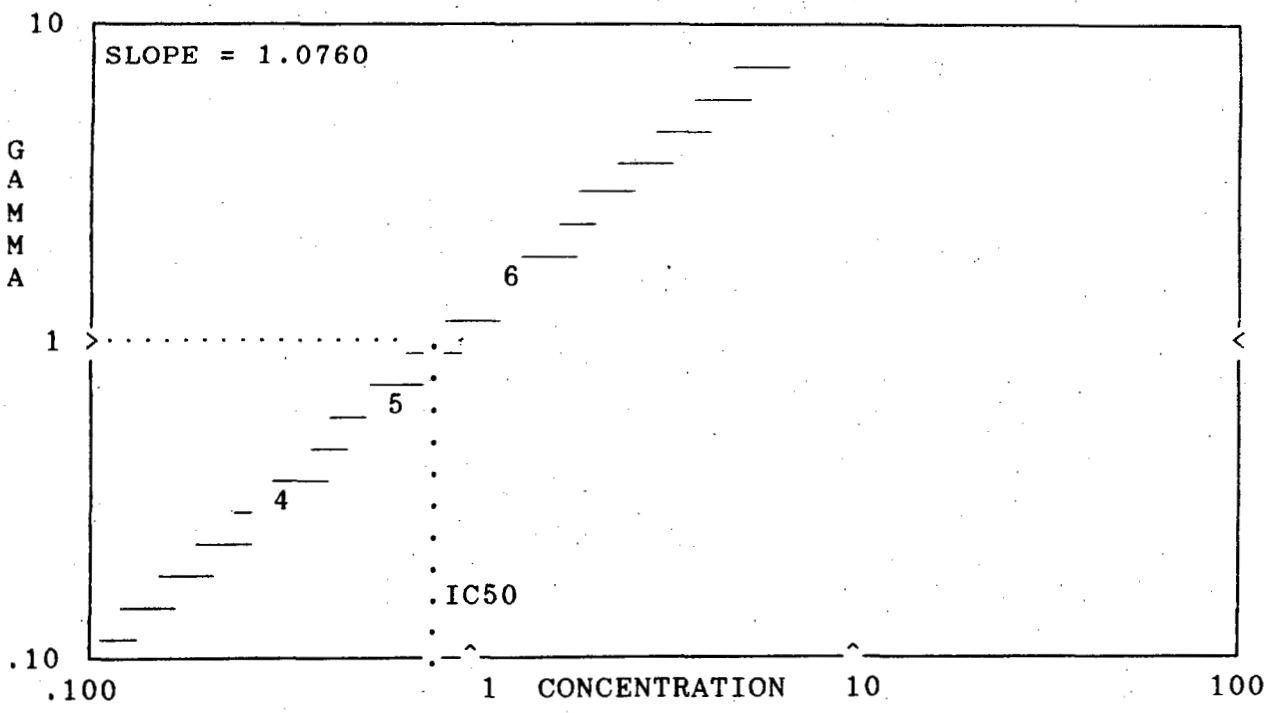
TEST DATE: 22 June 97
TEST TIME:

Investigator: MC
Approved by:

Sample Description: Point Grey Station 34 Solid phase
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	119.54	0.0385	-0.1847*
2	88.38	0.0771	0.1027
3	84.22	0.1542	0.1572
4	70.89	0.3084	0.3748#
5	54.41	0.6168	0.7912#
6	36.56	1.2335	1.6657#
7	40.77	2.4670	1.3904
8	28.09	4.9340	2.4694
9	15.19	9.8680	5.4158
CONTROL It's :	95.68	99.97	96.72 Av. = 97.46



IC50 0.7674 (95% CONFIDENCE RANGE: 0.7615 TO 0.7734)

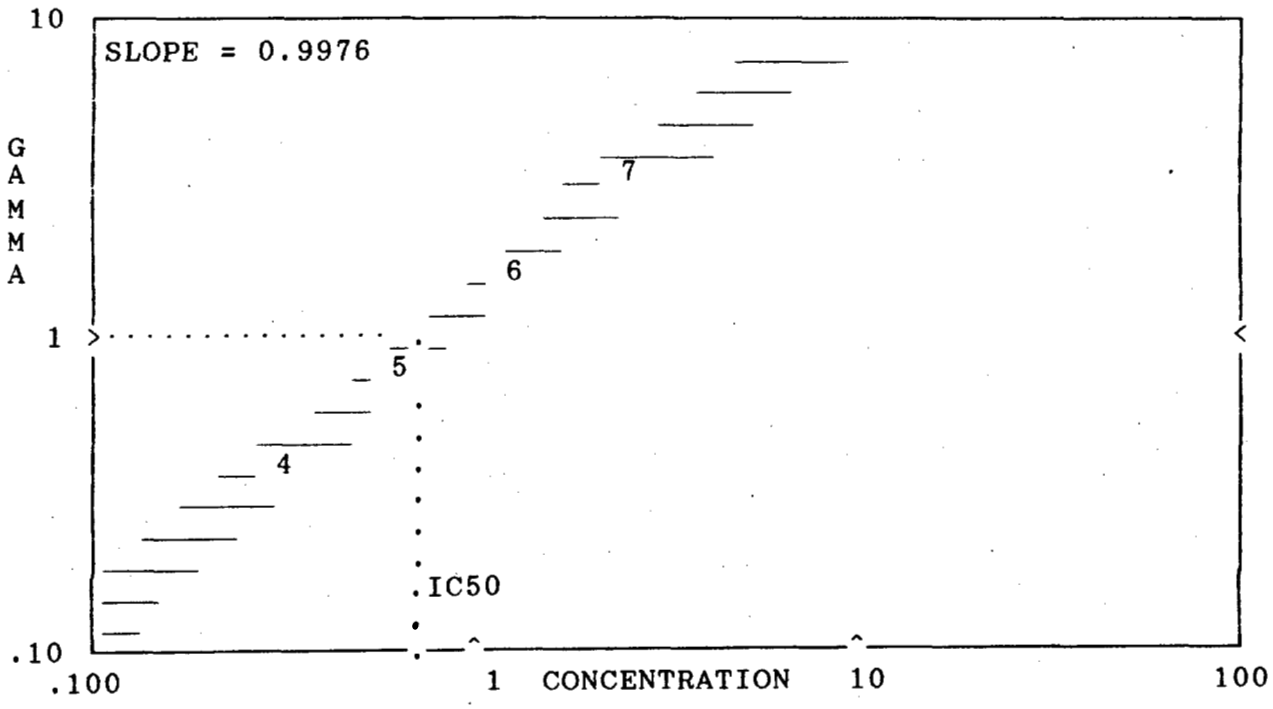
Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: PTGR36.SPT
TEST DATE: 22 June 94
TEST TIME:
Investigator: WF
Approved by:
Sample Description: Pt. Grey Station 36 solid phase
Procedure: SOLID-PHASE
Osmotic Adjustment:
Initial Concentration : 9.868 %
Dilution Factor : 2
Test Time: 5 minutes
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	83.21	0.0385	0.0140
2	100.68	0.0771	-0.1619*
3	156.77	0.1542	-0.4618*
4	58.33	0.3084	0.4465#
5	46.42	0.6168	0.8177#
6	29.24	1.2335	1.8857#
7	19.23	2.4670	3.3878#
8	14.54	4.9340	4.8031
9	8.10	9.8680	9.4169

CONTROL It's : 94.52 85.60 73.01 Av. = 84.38



IC50 0.7061 (95% CONFIDENCE RANGE: 0.5957 TO 0.8370)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: STN38PG.SPT 38B.

TEST DATE: 28 June 94

TEST TIME: _____

Investigator: _____

Approved by: _____

Sample Description: Point Grey Dump Site, Station 38, retested 28/June/94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

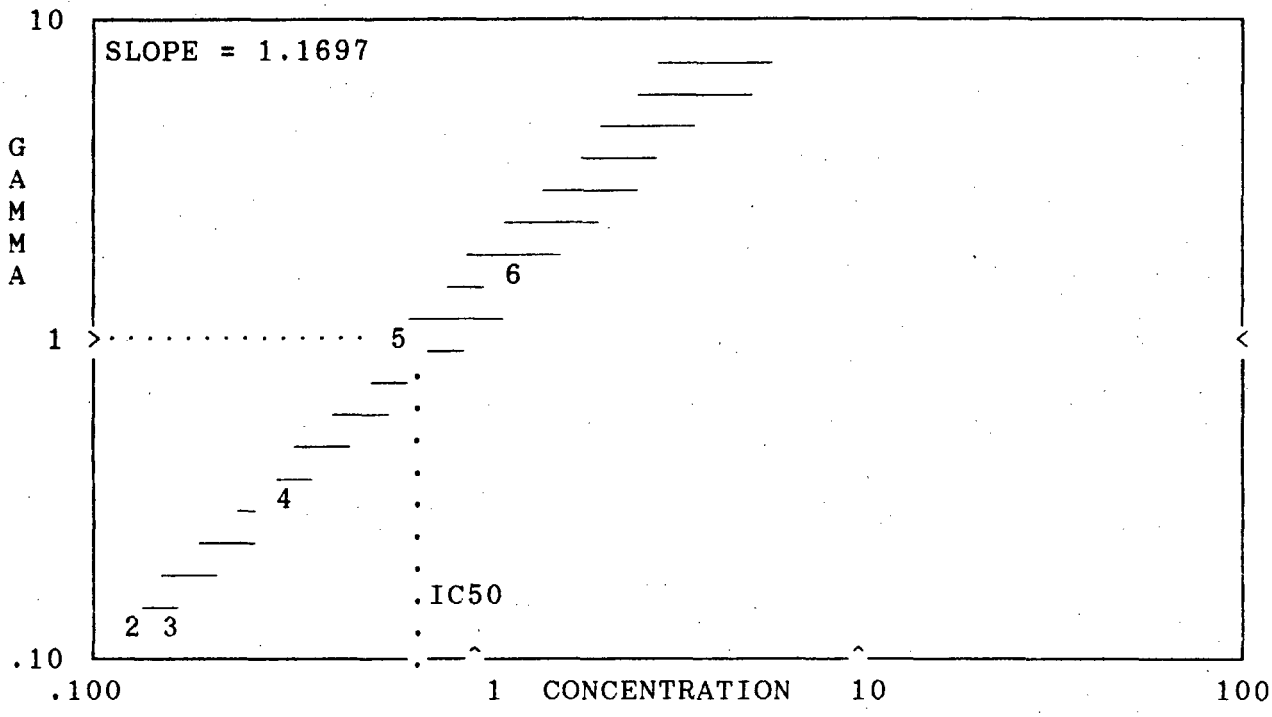
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	90.43	0.0385	0.0262
2	85.77	0.0771	0.0820#
3	80.40	0.1542	0.1543#
4	68.28	0.3084	0.3592#
5	45.64	0.6168	1.0334#
6	32.84	1.2335	1.8259#
7	29.04	2.4670	2.1957
8	18.04	4.9340	4.1443
9	13.93	9.8680	5.6621

CONTROL It's : 94.15 95.20 89.06 Av. = 92.80



IC50 0.6910 (95% CONFIDENCE RANGE: 0.5568 TO 0.8574)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: PTGREY40.SPT

TEST DATE: 22 June 94

TEST TIME:

Investigator: WC

Approved by:

Sample Description: Point Grey Station 40 June 22, 1994 (Frozen sediment)

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

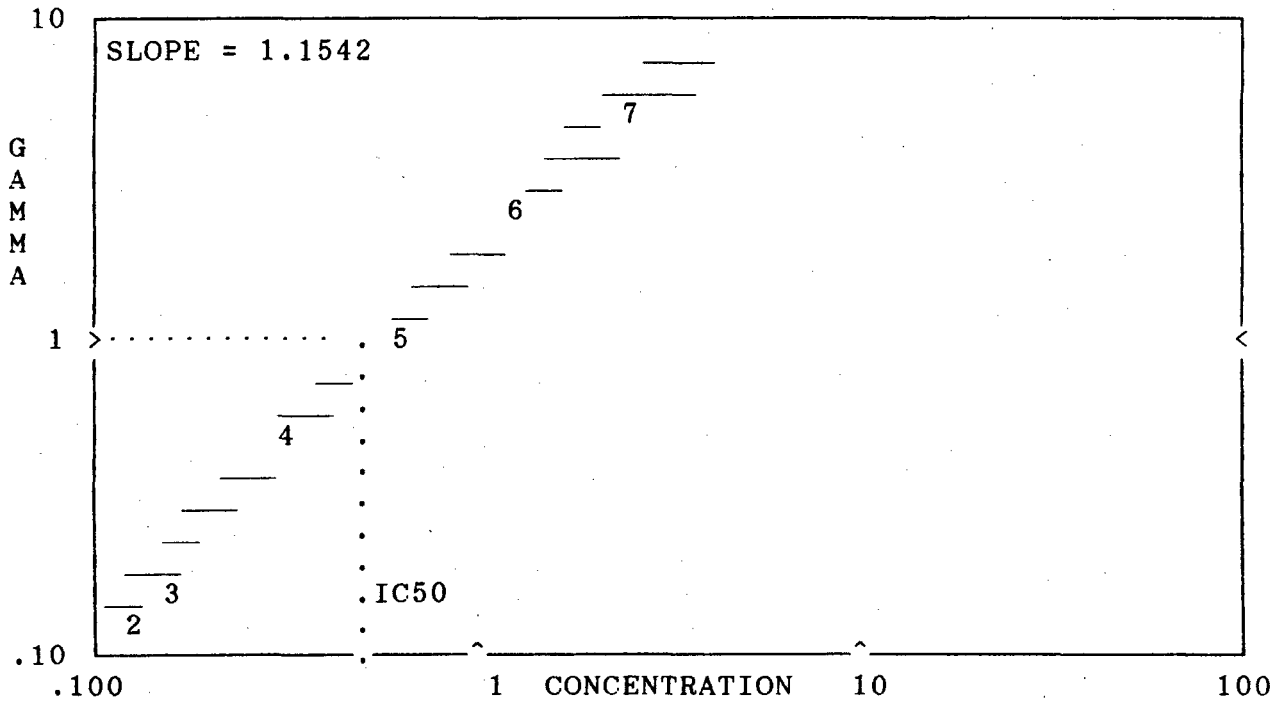
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	93.67	0.0385	-0.0008*
2	83.52	0.0771	0.1206#
3	78.22	0.1542	0.1965#
4	58.97	0.3084	0.5871#
5	42.88	0.6168	1.1827#
6	23.16	1.2335	3.0412#
7	14.44	2.4670	5.4815#
8	10.71	4.9340	7.7389
9	6.26	9.8680	13.9510

CONTROL It's : 92.50 93.93 94.35 Av. = 93.59



IC50 0.5249 (95% CONFIDENCE RANGE: 0.4543 TO 0.6065)

Used for calculations

* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: ESQCON.SPT

TEST DATE: 22 June 94

TEST TIME: _____

Investigator: _____

Approved by: _____

Sample Description: Esquimalt Control Sediment June 22, 1994

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	45.28	0.0385	1.0347*
2	94.47	0.0771	-0.0247*
3	98.00	0.1542	-0.0599*
4	91.98	0.3084	0.0017*
5	97.20	0.6168	-0.0521*
6	92.21	1.2335	-0.0008*
7	96.15	2.4670	-0.0418*
8	103.57	4.9340	-0.1104*
9	90.98	9.8680	0.0127
CONTROL It's :	92.83	97.08 86.49	Av. = 92.13

RECOMMEND: RERUN ASSAY AT HIGHER CONCENTRATIONS

* Invalid data or controls

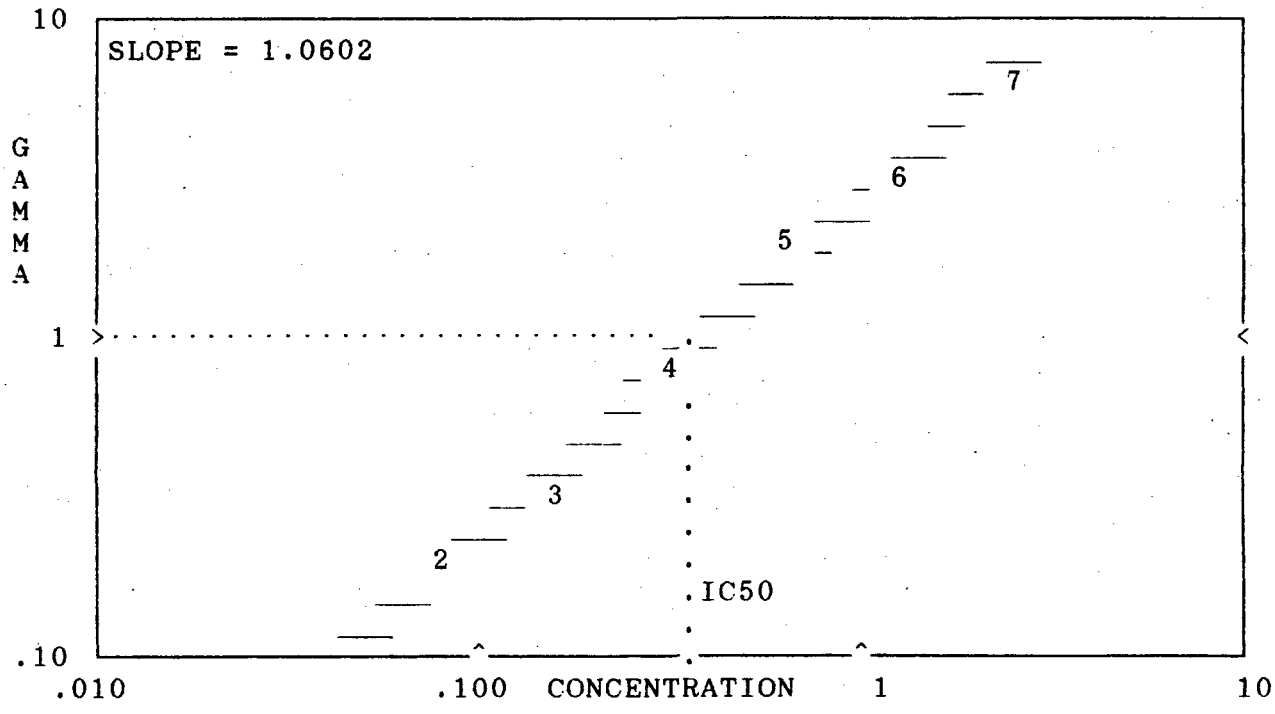
MICROTOX DATA REPORT

FILE NAME: PENHAR-B.SPT

TEST DATE: 28 Jun 94
TEST TIME:
Investigator: DLL
Approved by:
Sample Description: Pender Harbour B, solid-phase 28/Jun/94
Procedure: SOLID-PHASE
Osmotic Adjustment:
Initial Concentration : 9.868 %
Dilution Factor : 2
Test Time: 5 minutes
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	84.24	0.0385	0.0994
2	76.49	0.0771	0.2107#
3	66.36	0.1542	0.3956#
4	50.62	0.3084	0.8295#
5	30.59	0.6168	2.0275#
6	18.77	1.2335	3.9339#
7	10.75	2.4670	7.6149#
8	8.47	4.9340	9.9339
9	1.03	9.8680	88.9126*

CONTROL It's : 93.55 91.43 92.85 Av. = 92.61



IC50 0.3482 (95% CONFIDENCE RANGE: 0.3211 TO 0.3776)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: PH2B.SPT

TEST DATE: 12 July 94
TEST TIME:

Investigator: D. Lee
Approved by:

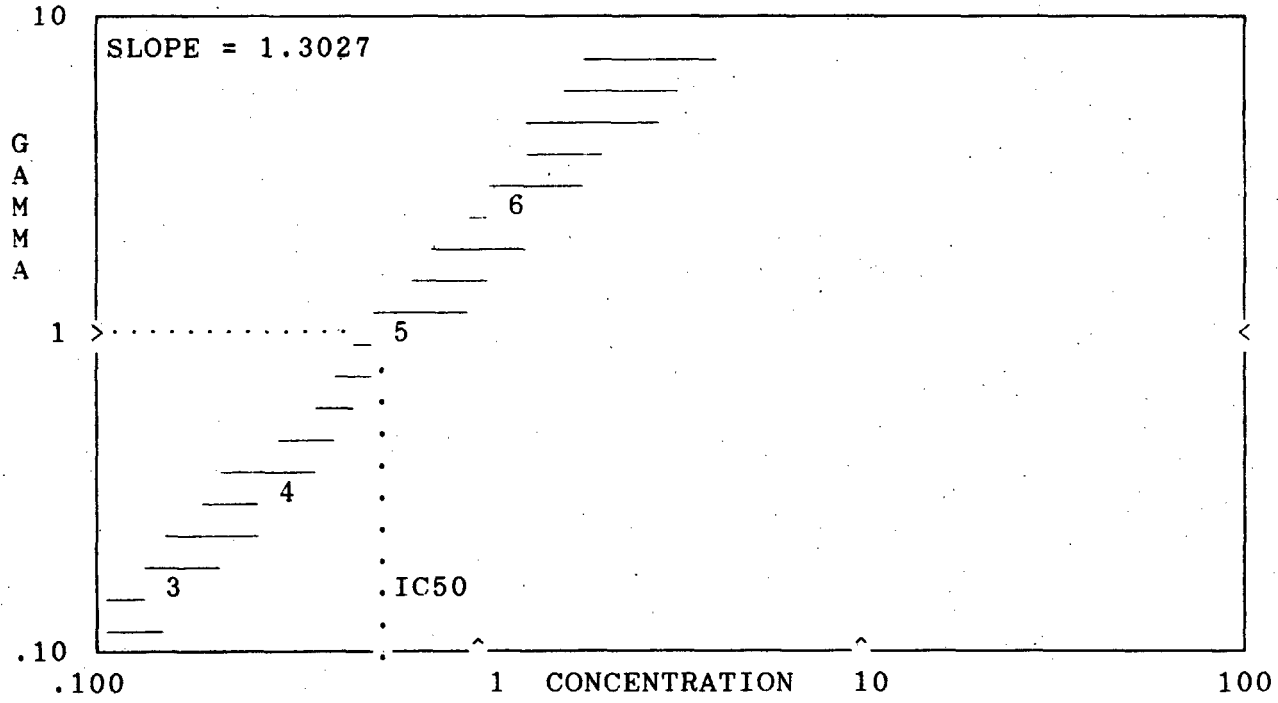
Sample Description: Pender Harbour 2B (frozen sediment) 12 July 94

Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	90.79	0.0385	0.0524
2	82.11	0.0771	0.1636
3	79.77	0.1542	0.1978#
4	68.96	0.3084	0.3855#
5	43.63	0.6168	1.1899#
6	25.44	1.2335	2.7558#
7	26.29	2.4670	2.6343
8	14.93	4.9340	5.3996
9	2.75	9.8680	33.7442

CONTROL It's : 91.99 101.13 93.52 Av. = 95.55



IC50 0.5677 (95% CONFIDENCE RANGE: 0.4507 TO 0.7151)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: HALBKB.SPT

TEST DATE: 12 July 94
TEST TIME:

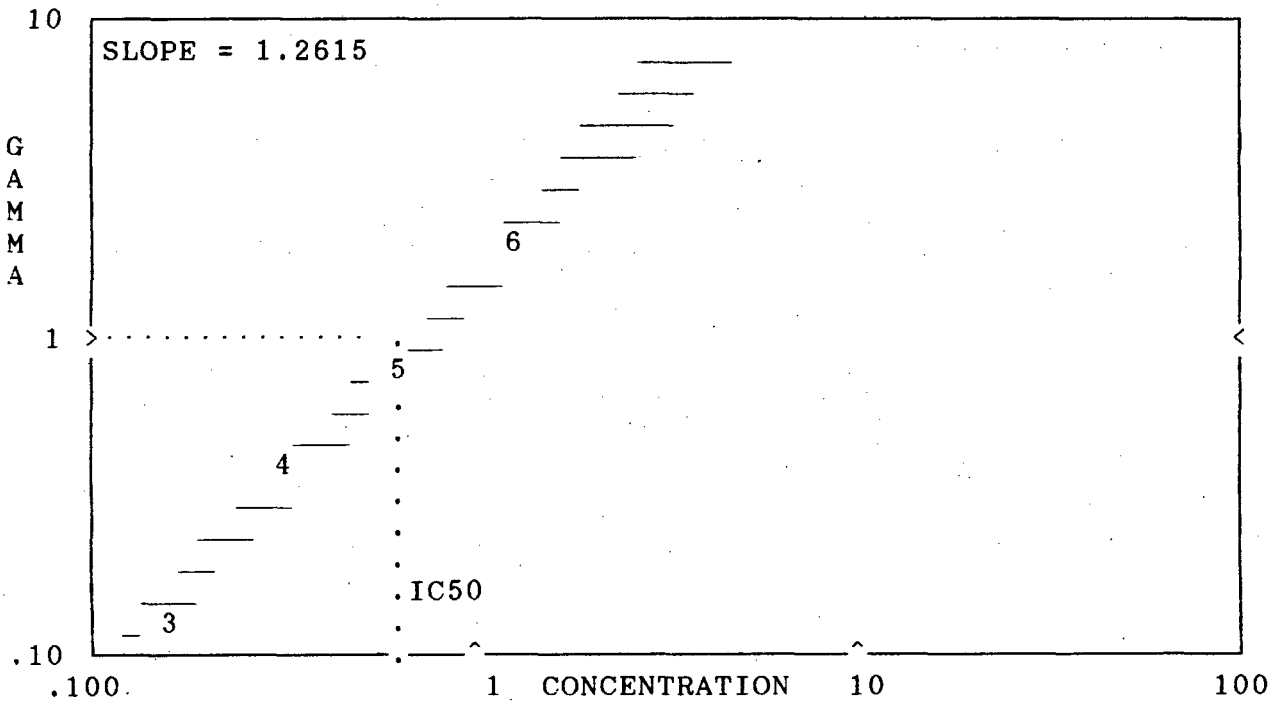
Investigator: D. Lee
Approved by:

Sample Description: Halibut Bank B (frozen sediment) 12 July 94
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	96.86	0.0385	-0.0359*
2	83.71	0.0771	0.1155
3	81.03	0.1542	0.1524#
4	66.78	0.3084	0.3983#
5	47.77	0.6168	0.9548#
6	30.12	1.2335	2.1003#
7	18.51	2.4670	4.0448
8	13.35	4.9340	5.9948
9	2.34	9.8680	38.9060

CONTROL It's : 93.96 92.80 168.87* Av. = 93.38



IC50 0.6614 (95% CONFIDENCE RANGE: 0.5879 TO 0.7442)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: HALBNKB.SPT

TEST DATE: 19 July 94

TEST TIME:

Investigator: M. Fennell

Approved by:

Sample Description: Halibut Bank B sediment centrifuged 19/Jul/94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

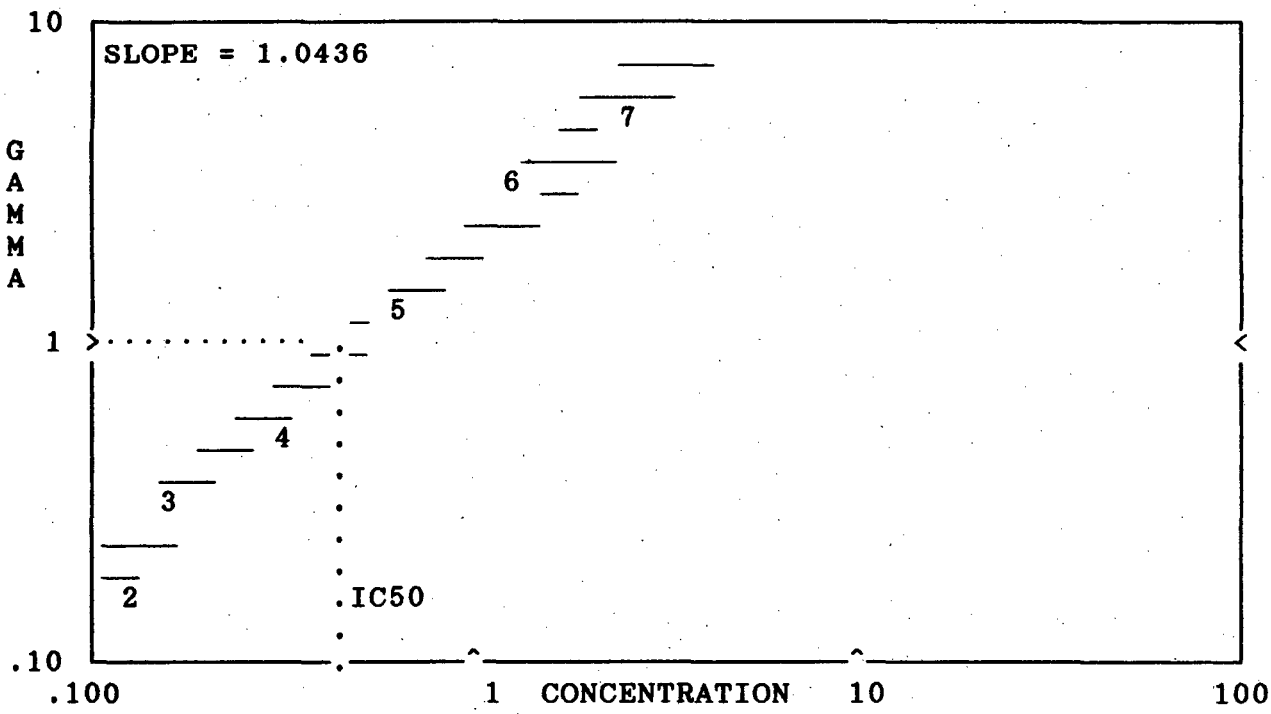
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	88.06	0.0385	0.1101
2	83.42	0.0771	0.1718#
3	70.25	0.1542	0.3915#
4	63.53	0.3084	0.5387#
5	39.18	0.6168	1.4950#
6	22.49	1.2335	3.3465#
7	13.74	2.4670	6.1145#
8	8.25	4.9340	10.8489
9	2.05	9.8680	46.6846

CONTROL It's : 93.77 106.45 93.04 Av. = 97.75



IC50 0.4291 (95% CONFIDENCE RANGE: 0.3602 TO 0.5111)

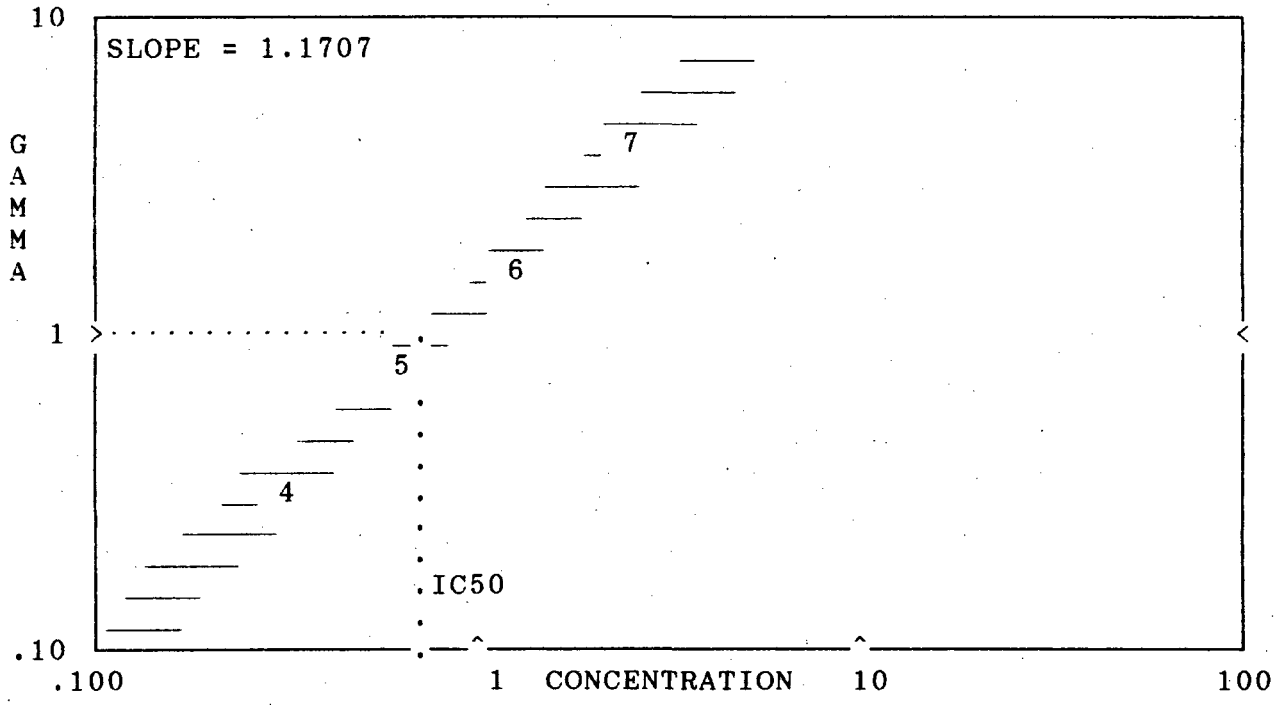
Used for calculations

MICROTOX DATA REPORT

FILE NAME: WB.SPT
TEST DATE: 22 June 94
TEST TIME:
Investigator: WF
Approved by:
Sample Description: Walton Beach Reference Sediment June 22, 1994
Procedure: SOLID-PHASE
Osmotic Adjustment:
Initial Concentration : 9.868 %
Dilution Factor : 2
Test Time: 5 minutes
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	115.84	0.0385	-0.1127*
2	104.27	0.0771	-0.0142*
3	95.17	0.1542	0.0801
4	75.44	0.3084	0.3625#
5	52.47	0.6168	0.9590#
6	34.37	1.2335	1.9907#
7	19.58	2.4670	4.2497#
8	15.10	4.9340	5.8073
9	12.77	9.8680	7.0493

CONTROL It's : 94.89 104.99 108.49 Av. = 102.79



IC50 0.6935 (95% CONFIDENCE RANGE: 0.5871 TO 0.8191)

Used for calculations
* Invalid data or controls

MICROTOX DATA REPORT

FILE NAME: WALTB2.SPT

TEST DATE: 12 July 94
TEST TIME:

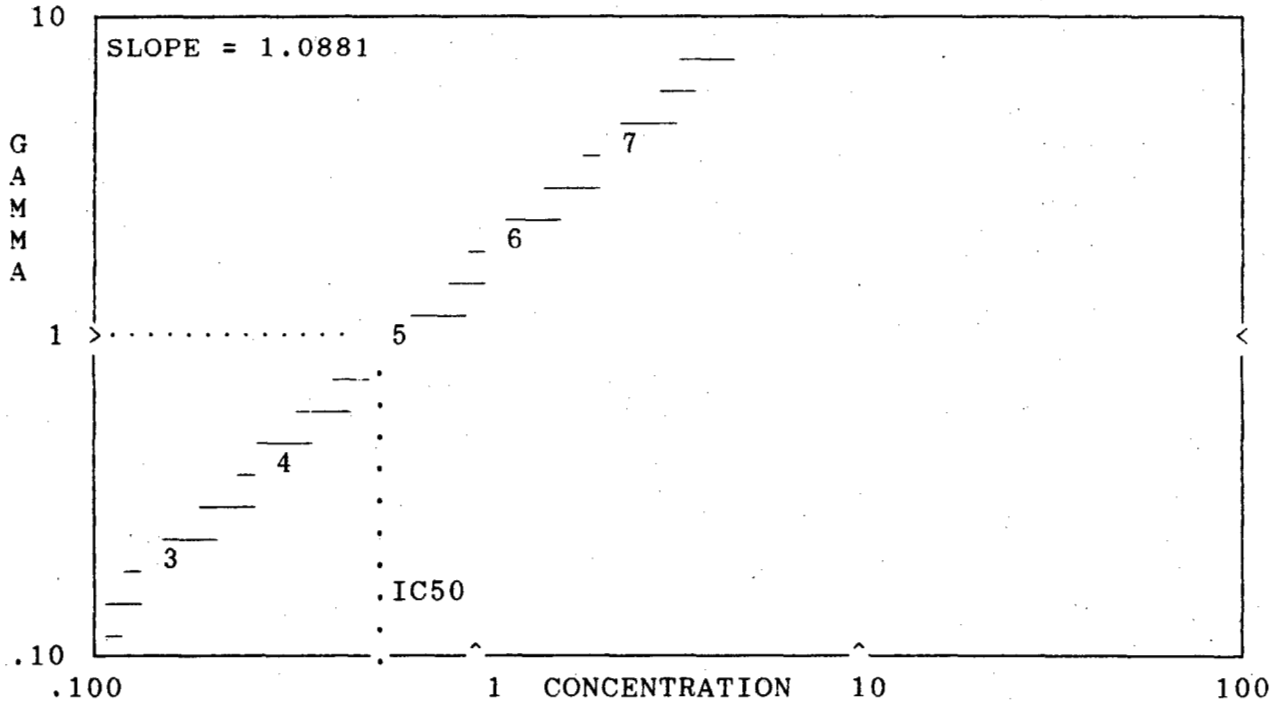
Investigator: D.Lee
Approved by:

Sample Description: Walton Beach (Frozen) 12 July 94
Procedure: SOLID-PHASE
Initial Concentration : 9.868 %
Test Time: 5 minutes

Osmotic Adjustment:
Dilution Factor : 2
Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	84.18	0.0385	0.1075
2	81.02	0.0771	0.1507
3	75.61	0.1542	0.2330#
4	63.57	0.3084	0.4665#
5	43.78	0.6168	1.1294#
6	27.65	1.2335	2.3717#
7	16.99	2.4670	4.4871#
8	12.73	4.9340	6.3234
9	6.83	9.8680	12.6496

CONTROL It's : 92.78 94.14 92.76 Av. = 93.23



IC50 0.5873 (95% CONFIDENCE RANGE: 0.5349 TO 0.6447)

Used for calculations

MICROTOX DATA REPORT

FILE NAME: 2AUGWB.SPT

TEST DATE: 2 Aug 94

TEST TIME: _____

Investigator: M. Fennell

Approved by: _____

Sample Description: WALTON BEACH SEDIMENT, CENTRIFUGED 2/AUG/94

Procedure: SOLID-PHASE

Osmotic Adjustment:

Initial Concentration : 9.868 %

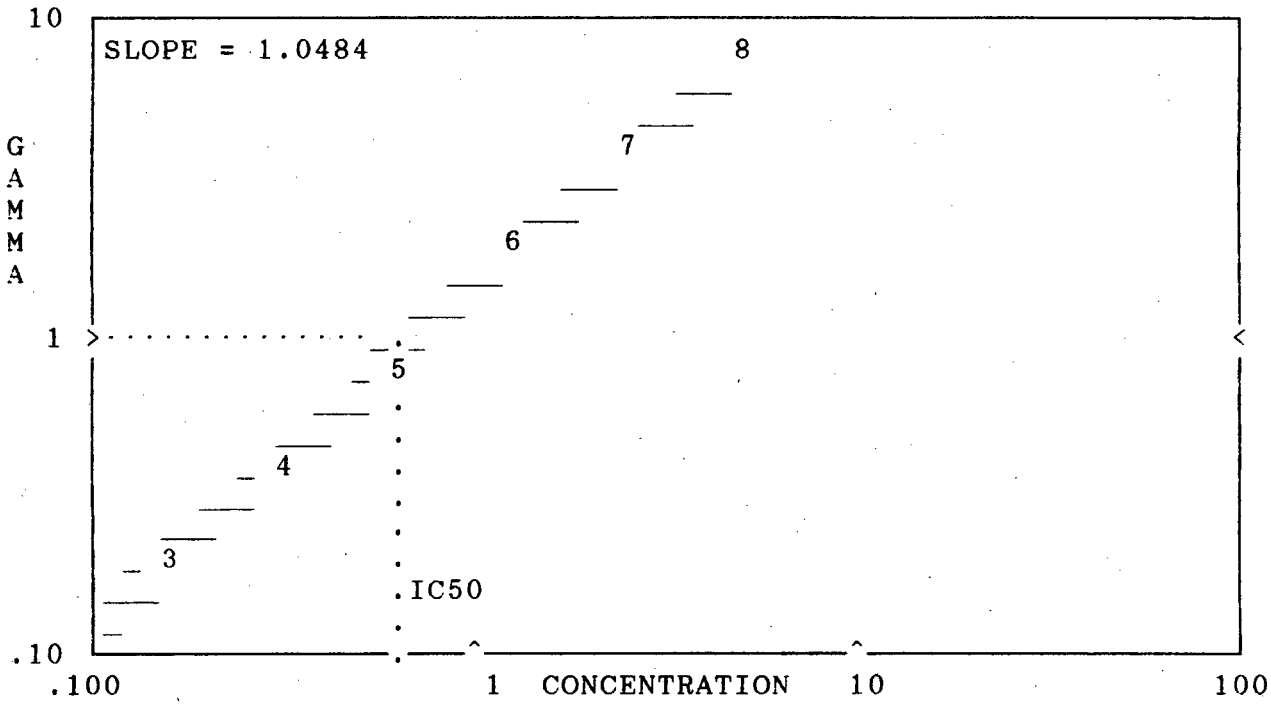
Dilution Factor : 2

Test Time: 5 minutes

Concentration Units: %

NUMBER	It	CONC.	GAMMA
1	90.35	0.0385	0.0532
2	79.76	0.0771	0.1931
3	76.49	0.1542	0.2441#
4	65.72	0.3084	0.4480#
5	50.61	0.6168	0.8803#
6	29.41	1.2335	2.2356#
7	16.57	2.4670	4.7429#
8	10.62	4.9340	7.9605#
9	8.30	9.8680	10.4651

CONTROL It's : 96.67 99.39 89.42 Av. = 95.16



IC50 0.6263 % (95% CONFIDENCE RANGE: 0.5522 TO 0.7104)

Used for calculations

Microtox Solid Phase Testing
Comparison of EC50's of Fresh and Frozen Sediments

Site	Fresh	Frozen	
Cape Mudge 1	1.855	1.587	
Cape Mudge 2	0.686	0.802	*
Cape Mudge 3	0.356	0.395	*
Cape Mudge 4	1.878	2.523	
Cape Mudge 5	0.616	0.951	*
Cape Mudge 6	0.436	0.463	*
Cape Mudge 7	0.89	1.587	
Cape Mudge 8	1.208	0.852	
Cape Mudge 9	0.632	0.889	
Malaspina 1	0.235	0.193	
Malaspina 2	0.175	0.138	
Malaspina 3	0.217	0.142	*
Malaspina 4	0.084	0.062	
Malaspina 5	0.098	0.129	
Malaspina 6	0.07	0.102	*
Malaspina 7	0.206	0.141	*
Malaspina 8	0.113	0.129	
Malaspina 9	0.114	0.182	*
Pender Harbour	0.162	0.159	*
	0.184	0.259	
Halibut Bank	0.162	0.314	
	0.222	0.203	*

* EC50 values are show a significant difference