

## H11-5

## 同族体 [ng/g]

深さ [cm]	42-44	34-36	26-28	18-20	14-16	10-12	6-8	4-6	2-4	0-2
D2CBs	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
T3CBs	11	7.0	6.1	1.5	1.6	1.2	3.4	3.1	4.5	6.9
T4CBs	9.5	13	6.9	3.0	3.0	3.3	5.5	6.6	2.9	5.6
P5CBs	N.D.	1.6	N.D.	N.D.	N.D.	0.79	N.D.	N.D.	1.8	7.3
H6CBs	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.76
H7CBs	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
O8CBs	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Total PCBs	21	21	13	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	20

定量下限値は 10ng/g

## 異性体 [ng/g]

深さ [cm]	42-44	34-36	26-28	18-20	14-16	10-12	6-8	4-6	2-4	0-2
3,3',4,4'-TCB(77)	0.041	0.033	0.026	0.020	0.019	0.017	0.025	0.026	0.029	0.078
3,3',4,4',5-PnCB(126)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.0016	0.0061
3,3',4,4',5,5'-HxCB(169)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.0020
2,3,3',4,4'-PnCB(105)	0.043	0.033	0.028	0.022	0.020	0.019	0.028	0.028	0.034	0.098
2,3,4,4',5-PnCB(114)	0.0044	0.0042	0.0028	0.0024	0.0024	0.0017	0.003	0.0031	0.0037	0.010
2,3',4,4',5-PnCB(118)	0.12	0.092	0.076	0.059	0.048	0.041	0.068	0.070	0.082	0.24
2',3,4,4',5-PnCB(123)	0.0033	0.0024	0.0019	0.0016	0.0011	N.D.	0.0020	0.0020	0.0021	0.0054
2,3,3',4,4',5-HxCB(156)	0.0031	0.0023	0.0016	0.0016	0.0018	0.0012	0.0019	0.0022	0.0046	0.014
2,3,3',4,4',5'-HxCB(157)	0.0010	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.0020	0.0066
2,3',4,4',5,5'-HxCB(167)	0.0019	0.0016	0.0014	0.0014	0.0011	N.D.	0.0014	0.0015	0.0028	0.0081
2,3,3',4,4',5,5'-HpCB(189)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.003
2,2',3,3',4,4',5'-HpCB(170)	0.0037	0.0030	0.0023	0.0018	0.0020	0.0020	0.0027	0.0030	0.0076	0.026
2,2',3,4,4',5,5'-HpCB(180)	0.010	0.0087	0.0069	0.0057	0.0038	0.0044	0.0075	0.0079	0.016	0.054
Total non-ortho PCBs	0.041	0.033	0.026	0.020	0.019	0.017	0.025	0.026	0.030	0.086
Total mono-ortho PCBs	0.18	0.14	0.11	0.088	0.074	0.062	0.10	0.11	0.13	0.39
Total di-ortho PCBs	0.014	0.012	0.0092	0.0075	0.0058	0.0063	0.010	0.011	0.023	0.081
Total Coplanar PCBs	0.24	0.18	0.15	0.12	0.099	0.085	0.14	0.14	0.19	0.55

定量下限値は 1.0pg/g

## TEQ [pg-TEQ/g]

深さ [cm]	42-44	34-36	26-28	18-20	14-16	10-12	6-8	4-6	2-4	0-2
3,3',4,4'-TCB(77)	0.021	0.016	0.013	0.0099	0.0093	0.0083	0.013	0.013	0.014	0.039
3,3',4,4',5-PnCB(126)	0	0	0	0	0	0	0	0	0.16	0.61
3,3',4,4',5,5'-HxCB(169)	0	0	0	0	0	0	0	0	0	0.022
2,3,3',4,4'-PnCB(105)	0.0043	0.0033	0.0028	0.0022	0.0020	0.0019	0.0028	0.0028	0.0034	0.0098
2,3,4,4',5-PnCB(114)	0.0022	0.0021	0.0014	0.0012	0.0012	0.00085	0.0015	0.0016	0.0019	0.0052
2,3',4,4',5-PnCB(118)	0.012	0.0092	0.0076	0.0059	0.0048	0.0041	0.0068	0.0070	0.0082	0.024
2',3,4,4',5-PnCB(123)	0.00033	0.00024	0.00019	0.00016	0.00011	0	0.00020	0.00020	0.00021	0.00054
2,3,3',4,4',5-HxCB(156)	0.0015	0.0011	0.0008	0.0008	0.00087	0.00058	0.00095	0.0011	0.0023	0.0071
2,3,3',4,4',5,5'-HxCB(157)	0.00051	0	0	0	0	0	0	0	0.0010	0.0033
2,3',4,4',5,5'-HxCB(167)	0.000019	0.000016	0.000014	0.000014	0.000011	0	0.000014	0.000015	0.000028	0.000081
2,3,3',4,4',5,5'-HpCB(189)	0	0	0	0	0	0	0	0	0	0.00030
2,2',3,3',4,4',5'-HpCB(170)	0.00037	0.00030	0.00023	0.00018	0.00020	0.00020	0.00027	0.00030	0.00076	0.0026
2,2',3,4,4',5,5'-HpCB(180)	0.00010	0.000087	0.000069	0.000058	0.000038	0.000044	0.000075	0.000079	0.00016	0.00054
Total non-ortho PCBs	0.021	0.016	0.013	0.0099	0.0093	0.0083	0.013	0.013	0.017	0.67
Total mono-ortho PCBs	0.021	0.016	0.013	0.010	0.0090	0.0074	0.012	0.013	0.017	0.050
Total di-ortho PCBs	0.00047	0.00039	0.00030	0.00023	0.00024	0.00024	0.00035	0.00038	0.00091	0.0032
Total Coplanar PCBs	0.042	0.033	0.026	0.020	0.018	0.016	0.025	0.026	0.19	0.73

TEFはWHO/IPCS(1993)を使用

バックグラウンド地域表層底質

同族体[ng/g]

	高浪の池1	高浪の池2	高浪の池3	白池1	白池2	白池3
D2CBs	N.D.	N.D.	N.D.	N.D.	5.0	N.D.
T3CBs	7.8	14	3.6	5.6	14	24
T4CBs	22	22	15	17	20	34
P5CBs	4.5	5.6	2.6	2.0	1.3	8.2
H6CBs	N.D.	0.76	N.D.	N.D.	N.D.	1.7
H7CBs	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
O8CBs	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Total PCBs	34	43	21	24	40	68

定量下限値は 10ng/g

異性体 [ng/g]

	高浪の池1	高浪の池2	高浪の池3	白池1	白池2	白池3
3,3',4,4'-TCB(77)	0.084	0.070	0.053	0.049	0.079	0.22
3,3',4,4',5-PnCB(126)	0.0049	0.0029	0.0016	0.0019	0.0015	0.017
3,3',4,4',5,5'-HxCB(169)	0.0014	N.D.	N.D.	N.D.	N.D.	0.0049
2,3,3',4,4'-PnCB(105)	0.11	0.082	0.066	0.059	0.095	0.30
2,3,4,4',5-PnCB(114)	0.012	0.010	0.0083	0.0049	0.010	0.023
2,3',4,4',5-PnCB(118)	0.27	0.21	0.16	0.15	0.25	0.75
2',3,4,4',5-PnCB(123)	0.0065	0.0058	0.0042	0.0036	0.0062	0.018
2,3,3',4,4',5-HxCB(156)	0.014	0.0097	0.0079	0.0059	0.010	0.031
2,3,3',4,4',5'-HxCB(157)	0.0069	0.0043	0.0034	0.0034	0.0035	0.025
2,3',4,4',5'-HxCB(167)	0.0087	0.0053	0.0043	0.0049	0.0058	0.032
2,3,3',4,4',5,5'-HpCB(189)	0.0022	N.D.	0.0013	N.D.	N.D.	0.010
2,2',3,3',4,4',5-HpCB(170)	0.028	0.014	0.012	0.014	0.014	0.12
2,2',3,4,4',5,5'-HpCB(180)	0.055	0.032	0.027	0.025	0.038	0.24
Total non-ortho PCBs	0.090	0.073	0.055	0.050	0.081	0.24
Total mono-ortho PCBs	0.43	0.33	0.26	0.23	0.38	1.2
Total di-ortho PCBs	0.082	0.046	0.039	0.039	0.052	0.36
Total Coplanar PCBs	0.60	0.45	0.35	0.32	0.51	1.8

定量下限値は 1.0pg/g

TEQ [pg-TEQ/g]

	高浪の池1	高浪の池2	高浪の池3	白池1	白池2	白池3
3,3',4,4'-TCB(77)	0.042	0.035	0.027	0.024	0.040	0.11
3,3',4,4',5-PnCB(126)	0.49	0.29	0.16	0.19	0.15	1.7
3,3',4,4',5,5'-HxCB(169)	0.014	0	0	0	0	0.049
2,3,3',4,4'-PnCB(105)	0.011	0.082	0.0066	0.0059	0.0095	0.030
2,3,4,4',5-PnCB(114)	0.0061	0.0051	0.0041	0.0024	0.0052	0.011
2,3',4,4',5-PnCB(118)	0.027	0.021	0.016	0.015	0.025	0.075
2',3,4,4',5-PnCB(123)	0.00065	0.00058	0.00042	0.00036	0.00062	0.0018
2,3,3',4,4',5-HxCB(156)	0.0071	0.0048	0.0040	0.0030	0.0052	0.015
2,3,3',4,4',5'-HxCB(157)	0.0035	0.0021	0.0017	0.0017	0.0017	0.012
2,3',4,4',5'-HxCB(167)	0.000087	0.000053	0.000043	0.000049	0.000058	0.00032
2,3,3',4,4',5,5'-HpCB(189)	0.00022	0	0.00013	0	0	0.0010
2,2',3,3',4,4',5-HpCB(170)	0.0028	0.0014	0.0012	0.0014	0.0014	0.012
2,2',3,4,4',5,5'-HpCB(180)	0.00055	0.00032	0.00027	0.00025	0.00038	0.0024
Total non-ortho PCBs	0.55	0.33	0.18	0.22	0.19	1.8
Total mono-ortho PCBs	0.055	0.042	0.033	0.028	0.047	0.15
Total di-ortho PCBs	0.0033	0.0017	0.0015	0.0016	0.0018	0.014
Total Coplanar PCBs	0.61	0.37	0.22	0.25	0.24	2.0

TEFはWHO/IPCS(1993)を使用

## H11-1

## 同族体 [ng/g]

深さ [cm]	58-60	48-50	38-40	28-30	18-20	12-14	8-10	4-6	2-4	0-2
D2CBs	1.2	1.2	1.4	1.1	1.3	1.0	1.4	1.0	0.97	1.1
T3CBs	2.7	2.8	2.8	0.42	6.7	5.1	6.4	8.9	9.5	6.4
T4CBs	N.D.	2.2	1.9	0.50	8.7	8.3	9.6	20	24	8.5
P5CBs	0.39	N.D.	0.39	0.60	5.1	6.2	13	33	54	3.8
H6CBs	N.D.	N.D.	N.D.	N.D.	2.2	4.5	12	48	46	1.9
H7CBs	N.D.	N.D.	N.D.	N.D.	0.80	4.0	13	58	48	0.78
O8CBs	N.D.	N.D.	N.D.	N.D.	0.38	0.30	3.4	14	12	N.D.
Total PCBs	N.D.	N.D.	N.D.	N.D.	25	29*	59	180	190	22

定量下限値は 10ng/g \*は再測定中

## 異性体 [ng/g]

深さ [cm]	58-60	48-50	38-40	28-30	18-20	12-14	8-10	4-6	2-4	0-2
3,3',4,4'-TCB(77)	0.0034	0.0016	0.0040	0.027	0.14	0.26	0.20	0.29	0.35	0.20
3,3',4,4',5-PnCB(126)	N.D.	N.D.	N.D.	0.0018	0.0074	0.020	0.0099	0.019	0.021	0.0086
3,3',4,4',5,5'-HxCB(169)	N.D.	N.D.	N.D.	N.D.	0.0021	0.0035	0.0018	0.0085	0.0085	0.0016
2,3,3',4,4'-PnCB(105)	0.0047	0.0020	0.0070	0.049	0.26	0.66	0.44	0.78	0.70	0.25
2,3,4,4',5-PnCB(114)	N.D.	N.D.	N.D.	0.0028	0.013	0.035	0.028	0.034	0.034	0.012
2,3',4,4',5-PnCB(118)	0.014	0.0057	0.018	0.17	0.87	2.0	1.4	2.2	2.4	0.76
2',3,4,4',5-PnCB(123)	N.D.	N.D.	N.D.	0.0030	0.015	0.033	0.028	0.037	0.037	0.013
2,3,3',4,4',5-HxCB(156)	N.D.	N.D.	N.D.	0.015	0.14	0.69	0.17	1.1	0.80	0.079
2,3,3',4,4',5,5'-HxCB(157)	N.D.	N.D.	N.D.	0.0059	0.071	0.63	0.083	0.75	0.70	0.034
2,3',4,4',5,5'-HxCB(167)	N.D.	N.D.	N.D.	0.0076	0.073	0.47	0.087	0.59	0.52	0.042
2,3,3',4,4',5,5'-HpCB(189)	N.D.	N.D.	N.D.	0.0019	0.023	0.19	0.029	0.23	0.23	0.011
2,2',3,3',4,4',5-HpCB(170)	N.D.	N.D.	N.D.	0.028	0.62	7.2	0.70	8.6	8.1	0.23
2,2',3,4,4',5,5'-HpCB(180)	0.0015	N.D.	0.0040	0.060	1.7	22	1.8	24	24	0.56
Total non-ortho PCBs	0.0034	0.0016	0.0040	0.029	0.15	0.28	0.21	0.32	0.38	0.21
Total mono-ortho PCBs	0.019	0.0077	0.025	0.25	1.5	4.7	2.3	5.7	5.4	1.2
Total di-ortho PCBs	0.0015	N.D.	0.0040	0.088	2.3	29	2.5	33	32	0.79
Total Coplanar PCBs	0.024	0.0093	0.033	0.37	3.9	34	5.0	39	38	2.2

定量下限値は 1.0pg/g

## TEQ [pg-TEQ/g]

深さ [cm]	58-60	48-50	38-40	28-30	18-20	12-14	8-10	4-6	2-4	0-2
3,3',4,4'-TCB(77)	0.0017	0.00079	0.0020	0.013	0.071	0.13	0.10	0.14	0.17	0.10
3,3',4,4',5-PnCB(126)	0	0	0	0.18	0.74	2.0	0.99	1.9	2.1	0.86
3,3',4,4',5,5'-HxCB(169)	0	0	0	0	0.021	0.035	0.018	0.085	0.085	0.016
2,3,3',4,4'-PnCB(105)	0.00047	0.00020	0.00070	0.0049	0.026	0.066	0.044	0.078	0.070	0.025
2,3,4,4',5-PnCB(114)	0	0	0	0.0014	0.0065	0.017	0.014	0.017	0.017	0.0059
2,3',4,4',5-PnCB(118)	0.0014	0.00057	0.0018	0.017	0.087	0.20	0.14	0.22	0.24	0.076
2',3,4,4',5-PnCB(123)	0	0	0	0.00030	0.0015	0.0033	0.0028	0.0037	0.0037	0.0013
2,3,3',4,4',5-HxCB(156)	0	0	0	0.0076	0.069	0.35	0.087	0.53	0.40	0.040
2,3,3',4,4',5,5'-HxCB(157)	0	0	0	0.0029	0.036	0.31	0.042	0.37	0.35	0.017
2,3',4,4',5,5'-HxCB(167)	0	0	0	0.000076	0.00073	0.0047	0.00087	0.0059	0.0052	0.00042
2,3,3',4,4',5,5'-HpCB(189)	0	0	0	0.00019	0.0023	0.019	0.0029	0.023	0.023	0.0011
2,2',3,3',4,4',5-HpCB(170)	0	0	0	0.0028	0.062	0.72	0.070	0.86	0.81	0.023
2,2',3,4,4',5,5'-HpCB(180)	0.000015	0	0.000040	0.00060	0.017	0.22	0.018	0.24	0.24	0.0056
Total non-ortho PCBs	0.0017	0.00079	0.0020	0.20	0.83	2.2	1.1	2.2	2.3	0.98
Total mono-ortho PCBs	0.0019	0.00077	0.0025	0.034	0.23	0.97	0.34	1.3	1.1	0.17
Total di-ortho PCBs	0.000015	0	0.000040	0.0034	0.079	0.93	0.089	1.1	1.0	0.029
Total Coplanar PCBs	0.0036	0.0016	0.0046	0.23	1.1	4.1	1.5	4.5	4.5	1.2

TEFはWHO/IPCS(1993)を使用

同族体 [ng/g]	神戸沖コアD				神戸沖コアE			
	75-80	35-40	5-10	0-5	70-75	35-40	5-10	0-5
深さ [cm]								
D2CBs	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
T3CBs	7.1	3.0	4.2	6.1	22	15	15	18
T4CBs	8.2	12	21	14	24	13	35	35
P5CBs	N.D.	8.0	7.9	9.7	1.5	5.8	4.3	11
H6CBs	N.D.	N.D.	3.2	3.2	N.D.	N.D.	5.1	6.3
H7CBs	N.D.	N.D.	0.94	0.94	N.D.	N.D.	3.8	4.1
O8CBs	N.D.	N.D.	1.2	2.1	N.D.	N.D.	N.D.	N.D.
Total PCBs	15	23	39	36	47	34	63	73

定量下限値は 10ng/g

異性体 [ng/g]	神戸沖コアD				神戸沖コアE			
	75-80	35-40	5-10	0-5	70-75	35-40	5-10	0-5
深さ [cm]								
3,3',4,4'-TCB(77)	0.014	0.016	0.16	0.14	0.041	0.030	0.23	0.25
3,3',4,4',5'-PnCB(126)	N.D.	N.D.	0.0056	0.0057	0.0020	0.0044	0.0099	0.013
3,3',4,4',5,5'-HxCB(169)	N.D.	N.D.	N.D.	0.0013	N.D.	0.0016	0.0014	0.0027
2,3,3',4,4'-PnCB(105)	0.014	0.016	0.17	0.15	0.043	0.036	0.24	0.27
2,3,4,4',5'-PnCB(114)	0.021	0.024	0.39	0.33	0.039	0.037	0.44	0.49
2,3',4,4',5'-PnCB(118)	0.0019	0.0019	0.020	0.017	0.0039	0.0033	0.024	0.025
2',3,4,4',5'-PnCB(123)	0.045	0.061	1.1	0.93	0.096	0.097	1.4	1.5
2,3,3',4,4',5'-HxCB(156)	0.0014	0.0018	0.023	0.018	0.0030	0.0029	0.026	0.031
2,3,3',4,4',5'-HxCB(157)	0.0017	0.0033	0.12	0.11	0.0037	0.0080	0.18	0.19
2,3',4,4',5,5'-HxCB(167)	N.D.	0.0015	0.059	0.054	0.0013	0.0035	0.079	0.085
2,3,3',4,4',5,5'-HpCB(189)	0.0010	0.0020	0.062	0.059	0.0023	0.0046	0.091	0.096
2,2',3,3',4,4',5'-HpCB(170)	N.D.	N.D.	0.015	0.013	N.D.	0.0025	0.025	0.024
2,2',3,4,4',5,5'-HpCB(180)	0.072	0.095	1.7	1.5	0.15	0.16	2.2	2.5
Total non-ortho PCBs	0.0028	0.0048	0.38	0.35	0.0049	0.012	0.56	0.55
Total mono-ortho PCBs	0.0067	0.010	1.0	0.92	0.012	0.024	1.3	1.4
Total di-ortho PCBs	0.0094	0.015	1.4	1.3	0.017	0.036	1.8	1.9
Total Coplanar PCBs	0.095	0.13	3.3	2.9	0.21	0.23	4.3	4.7

定量下限値は 1.0pg/g

TEQ [pg-TEQ/g]	神戸沖コアD				神戸沖コアE			
	75-80	35-40	5-10	0-5	70-75	35-40	5-10	0-5
深さ [cm]								
3,3',4,4'-TCB(77)	0.0072	0.0078	0.080	0.072	0.021	0.015	0.12	0.13
3,3',4,4',5'-PnCB(126)	0	0	0.56	0.57	0.20	0.44	0.99	1.3
3,3',4,4',5,5'-HxCB(169)	0	0	0	0.013	0	0.016	0.014	0.027
2,3,3',4,4'-PnCB(105)	0.0072	0.0078	0.64	0.66	0.22	0.47	1.1	1.5
2,3,4,4',5'-PnCB(114)	0.0021	0.0024	0.039	0.033	0.0039	0.0037	0.044	0.049
2,3',4,4',5'-PnCB(118)	0.00096	0.00095	0.0099	0.0086	0.0020	0.0016	0.012	0.012
2',3,4,4',5'-PnCB(123)	0.0045	0.0061	0.11	0.093	0.0096	0.0097	0.14	0.15
2,3,3',4,4',5'-HxCB(156)	0.00014	0.00018	0.0023	0.0018	0.00030	0.00029	0.0026	0.0031
2,3,3',4,4',5'-HxCB(157)	0.00087	0.0017	0.062	0.054	0.0019	0.0040	0.089	0.093
2,3',4,4',5,5'-HxCB(167)	0	0.00073	0.030	0.027	0.00063	0.0018	0.040	0.042
2,3,3',4,4',5,5'-HpCB(189)	0.000010	0.000020	0.00062	0.00059	0.000023	0.000046	0.00091	0.00096
2,2',3,3',4,4',5'-HpCB(170)	0	0	0.0015	0.0013	0	0.00025	0.0025	0.0024
2,2',3,4,4',5,5'-HpCB(180)	0.0085	0.012	0.25	0.22	0.018	0.021	0.33	0.36
Total non-ortho PCBs	0.00028	0.00048	0.038	0.035	0.00049	0.0012	0.056	0.055
Total mono-ortho PCBs	0.000067	0.00010	0.010	0.0092	0.00012	0.00024	0.013	0.014
Total di-ortho PCBs	0.00034	0.00059	0.048	0.044	0.00061	0.0014	0.069	0.069
Total Coplanar PCBs	0.016	0.020	0.94	0.92	0.24	0.49	1.5	1.9

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神戸沖表層底質1

同族体 [ng/g]

point	1	2	3	4	5	6	7	8	9	10	11	12	13
D2CBs	-	-	2.0	N.D.	0.49	0.93	0.85	3.2	1.1	0.81	0.70	1.1	1.0
T3CBs	-	-	26	26	9.2	4.2	5.2	14	5.4	8.3	3.6	3.8	8.5
T4CBs	-	-	49	68	19	7.6	8.3	25	14	12	7.5	5.6	11
P5CBs	-	-	41	31	7.1	5.1	6.2	13	5.8	4.2	6.6	2.4	4.9
H6CBs	-	-	26	13	4.2	4.2	5.0	7.7	5.4	7.1	7.3	1.5	5.1
H7CBs	-	-	18	13	2.8	5.2	4.4	3.9	3.7	5.8	6.2	0.65	3.2
O8CBs	-	-	4.0	3.0	0.46	1.3	1.0	0.70	0.46	1.1	1.4	N.D.	0.83
Total PCBs	4130	180	170	150	44	29	31	68	36	40	33	15	34

定量下限値は 10ng/g

異性体 [ng/g]

point	1	2	3	4	5	6	7	8	9	10	11	12	13
3,3',4,4'-TCB(77)	6.1	0.41	0.77	0.61	0.41	0.13	0.23	0.25	0.31	0.31	0.19	0.10	0.29
3,3',4,4',5-PnCB(126)	0.32	0.017	0.016	0.016	0.017	0.005	0.0089	0.010	0.012	0.011	0.0094	0.0046	0.012
3,3',4,4',5,5'-HxCB(169)	0.081	0.0046	0.0036	0.0018	0.0035	N.D.	0.0017	0.0012	0.0022	0.0021	0.0020	N.D.	0.0033
2,3,3',4,4'-PnCB(105)	23	3.6	1.8	0.63	0.77	0.26	0.38	0.50	0.57	0.66	0.33	0.14	0.55
2,3,4,4',5-PnCB(114)	1.9	0.29	0.090	1.4	0.037	0.017	0.018	0.028	0.028	0.031	0.017	0.0051	0.025
2,3,4,4',5-PnCB(118)	47	9.5	6.0	0.065	2.3	0.83	1.2	1.6	1.8	2.2	0.96	0.41	1.8
2,3,4,4',5-PnCB(123)	1.2	0.16	0.10	4.5	0.040	0.016	0.022	0.028	0.029	0.037	0.020	0.0085	0.032
2,3,3',4,4',5-HxCB(156)	15	1.5	0.72	0.079	0.25	0.080	0.17	0.18	0.20	0.25	0.11	0.052	0.21
2,3,3',4,4',5-HxCB(157)	12	0.42	0.39	0.52	0.10	0.033	0.097	0.078	0.092	0.10	0.063	0.027	0.075
2,3,3',4,4',5,5'-HxCB(167)	9.1	0.54	0.42	0.20	0.13	0.042	0.097	0.093	0.10	0.12	0.063	0.030	0.11
2,3,3',4,4',5,5'-HpCB(189)	3.6	0.076	0.10	0.26	0.030	0.0082	0.036	0.022	0.027	0.029	0.018	0.010	0.025
2,2',3,3',4,4',5-HpCB(170)	150	1.8	3.2	0.047	0.70	0.20	0.84	0.56	0.70	0.67	0.51	0.24	0.98
2,2',3,4,4',5,5'-HpCB(180)	440	3.8	8.7	7.1	1.7	0.46	2.3	1.4	1.7	1.6	1.3	0.59	1.5
Total non-ortho PCBs	6.5	0.43	0.79	1.1	0.43	0.13	0.24	0.26	0.33	0.32	0.20	0.10	0.30
Total mono-ortho PCBs	110	16	9.6	2.8	3.7	1.3	2.0	2.5	2.8	3.4	1.6	0.68	2.8
Total di-ortho PCBs	590	5.6	12	3.9	2.4	0.66	3.1	1.9	2.4	2.2	1.9	0.83	2.5
Total Coplanar PCBs	710	22	22	12	6.5	2.1	5.4	4.7	5.6	6.0	3.6	1.6	5.6

定量下限値は 1.0pg/g

TEQ [pg-TEQ/g]

point	1	2	3	4	5	6	7	8	9	10	11	12	13
3,3',4,4'-TCB(77)	3.1	0.20	0.38	0.30	0.21	0.064	0.11	0.12	0.16	0.15	0.093	0.050	0.14
3,3',4,4',5-PnCB(126)	32	1.7	1.6	1.6	1.7	0.50	0.89	1.0	1.2	1.1	0.94	0.46	1.2
3,3',4,4',5,5'-HxCB(169)	0.81	0.046	0.036	0.018	0.035	0	0.017	0.012	0.022	0.021	0.020	0	0.033
2,3,3',4,4'-PnCB(105)	2.3	0.36	0.18	1.9	0.077	0.026	0.038	0.050	0.057	0.066	0.033	0.014	0.055
2,3,4,4',5-PnCB(114)	0.94	0.14	0.045	0.14	0.019	0.0086	0.0091	0.014	0.014	0.015	0.0085	0.0026	0.013
2,3,4,4',5-PnCB(118)	4.7	0.95	0.60	0.032	0.23	0.083	0.12	0.16	0.18	0.22	0.096	0.041	0.18
2,3,4,4',5-PnCB(123)	0.12	0.016	0.010	0.45	0.0040	0.0016	0.0022	0.0028	0.0029	0.0037	0.0020	0.00086	0.0032
2,3,3',4,4',5-HxCB(156)	7.4	0.75	0.36	0.0079	0.13	0.040	0.087	0.092	0.099	0.13	0.057	0.026	0.11
2,3,3',4,4',5-HxCB(157)	6.1	0.21	0.20	0.26	0.051	0.015	0.048	0.039	0.046	0.062	0.031	0.013	0.037
2,3,3',4,4',5,5'-HxCB(167)	0.091	0.0054	0.0042	0.099	0.0013	0.00042	0.00097	0.00093	0.0010	0.0012	0.00063	0.00030	0.0011
2,3,3',4,4',5,5'-HpCB(189)	0.36	0.0076	0.010	0.0026	0.0030	0.00082	0.0036	0.0022	0.0027	0.0029	0.0018	0.0010	0.0025
2,2',3,3',4,4',5-HpCB(170)	15	0.18	0.32	0.0047	0.070	0.020	0.084	0.055	0.070	0.067	0.051	0.024	0.098
2,2',3,4,4',5,5'-HpCB(180)	4.4	0.038	0.087	1.0	0.017	0.0046	0.023	0.014	0.017	0.016	0.013	0.0059	0.015
Total non-ortho PCBs	36	2.0	2.1	0.11	1.9	0.57	1.0	1.2	1.4	1.3	1.1	0.51	1.4
Total mono-ortho PCBs	22	2.5	1.4	0.028	0.51	0.18	0.31	0.36	0.40	0.49	0.23	0.099	0.40
Total di-ortho PCBs	19	0.22	0.41	0.14	0.087	0.025	0.11	0.069	0.087	0.083	0.065	0.030	0.11
Total Coplanar PCBs	77	4.7	3.9	3.0	2.5	0.77	1.4	1.6	1.9	1.8	1.4	0.64	1.9

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神戸沖表層底質2

同族体 [ng/g]													
point	14	15	16	17	18	19	20	21	22	23	P. I. 南	P. I. 東	妙法寺川上流
D2CBs	1.4	1.1	1.1	0.88	0.82	1.1	0.65	1.1	N.D.	N.D.	1.1	0.43	3.8
T3CBs	0.46	1.3	2.6	4.4	8.3	0.31	2.6	8.9	7.1	10	15	11	2.1
T4CBs	1.2	1.8	6.3	6.4	13	1.9	1.1	11	41	22	31	20	1.6
P5CBs	0.35	1.6	2.9	4.9	11	0.43	2.4	3.0	50	30	29	8.7	6.9
H6CBs	N.D.	1.8	1.8	3.9	7.3	N.D.	1.4	1.5	22	13	34	6.8	13
H7CBs	N.D.	2.2	0.62	3.3	6.1	N.D.	0.64	0.33	21	15	44	4.5	3.1
O8CBs	N.D.	N.D.	N.D.	1.0	1.3	N.D.	N.D.	0.32	4.7	N.D.	10	0.73	N.D.
Total PCBs	N.D.	N.D.	15	25	47	N.D.	N.D.	26	150	90	160	52	45

定量下限値は 10ng/g

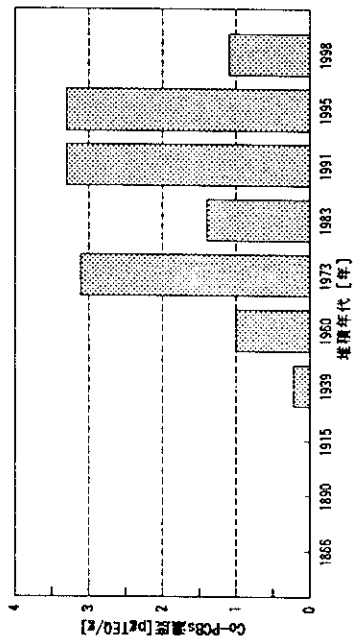
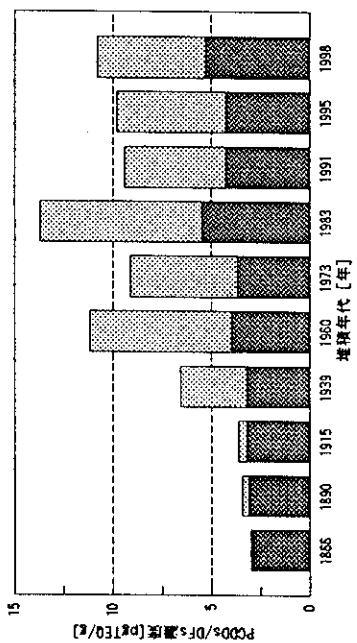
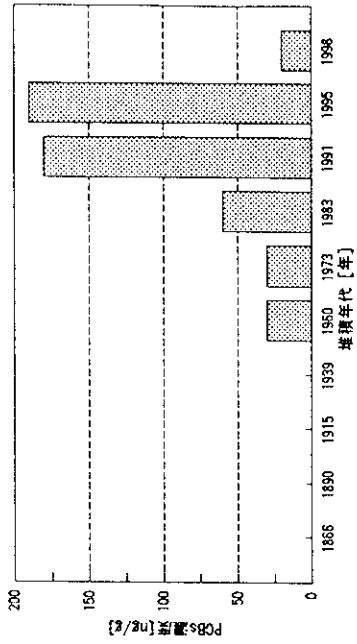
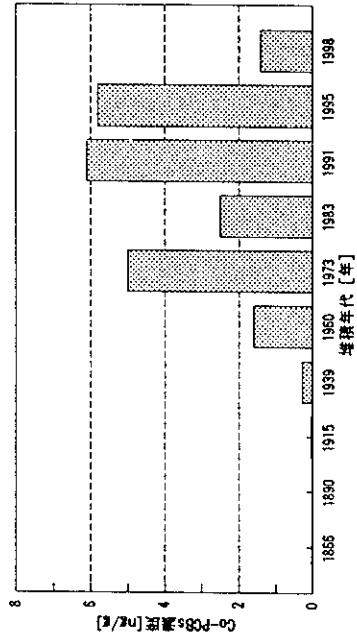
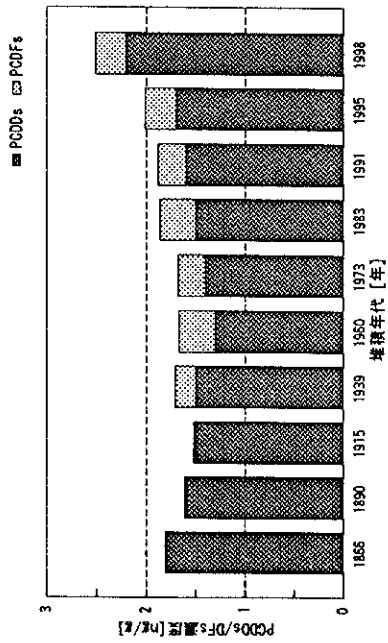
異性体 [ng/g]													
point	14	15	16	17	18	19	20	21	22	23	P. I. 南	P. I. 東	妙法寺川上流
3,3',4,4'-TCB(77)	0.016	0.034	0.098	0.17	0.28	0.012	0.059	0.14	0.47	0.28	0.65	0.39	0.33
3,3',4,4',5'-PnCB(126)	N.D.	0.0012	0.0047	0.0073	0.011	N.D.	0.0032	0.0044	0.015	0.014	0.023	0.012	0.023
3,3',4,4',5',5'-HxCB(169)	N.D.	N.D.	0.0023	0.0018	0.0016	N.D.	N.D.	0.0011	0.0024	0.0026	0.0038	0.0012	0.0053
2,3,3',4,4',5'-PnCB(105)	0.027	0.030	0.13	0.24	0.47	0.012	0.070	0.13	0.49	0.29	1.5	0.59	1.8
2,3,4,4',5'-PnCB(114)	0.0013	0.0015	0.0059	0.017	0.022	0.0016	0.0032	0.0064	2.7	0.93	0.073	0.026	0.11
2,3',4,4',5'-PnCB(118)	0.070	0.082	0.38	0.87	1.6	0.034	0.20	0.42	0.17	0.062	5.1	2.4	3.8
2',3,4,4',5'-PnCB(123)	0.0012	N.D.	0.0071	0.016	0.028	N.D.	0.0043	0.0070	7.1	2.8	0.080	0.040	0.079
2,3,3',4,4',5'-HxCB(156)	0.010	0.0068	0.077	0.11	0.19	0.0065	0.031	0.046	0.12	0.048	0.87	0.26	0.65
2,3,3',4,4',5',5'-HxCB(157)	0.0055	0.0026	0.084	0.049	0.082	0.0053	0.020	0.021	1.4	0.49	0.45	0.12	0.18
2,3',4,4',5',5'-HxCB(167)	0.0053	0.0032	0.055	0.056	0.10	0.0041	0.019	0.025	0.44	0.26	0.45	0.14	0.25
2,3,3',4,4',5',5'-HpCB(189)	0.0017	N.D.	0.037	0.017	0.026	0.0016	0.0061	0.0066	0.52	0.24	0.14	0.034	0.027
2,2',3,3',4,4',5'-HpCB(170)	0.053	0.013	1.1	0.37	0.58	0.051	0.20	0.15	0.10	0.072	4.2	0.87	0.57
2,2',3,4,4',5',5'-HpCB(180)	0.13	0.029	2.8	0.93	1.5	0.15	0.51	0.39	13	4.9	11	2.0	0.95
Total non-ortho PCBs	0.016	0.036	0.11	0.18	0.29	0.012	0.062	0.14	1.9	2.0	0.67	0.40	0.36
Total mono-ortho PCBs	0.12	0.13	0.77	1.4	2.5	0.065	0.36	0.66	5.8	5.2	8.7	3.6	6.9
Total di-ortho PCBs	0.18	0.041	3.9	1.3	2.1	0.20	0.71	0.54	7.8	7.1	15	2.9	1.5
Total Coplanar PCBs	0.32	0.20	4.8	2.9	4.9	0.27	1.1	1.3	21	12	25	6.9	8.7

定量下限値は 1.0pg/g

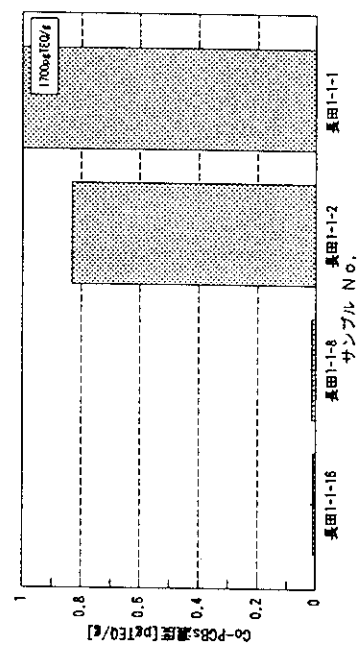
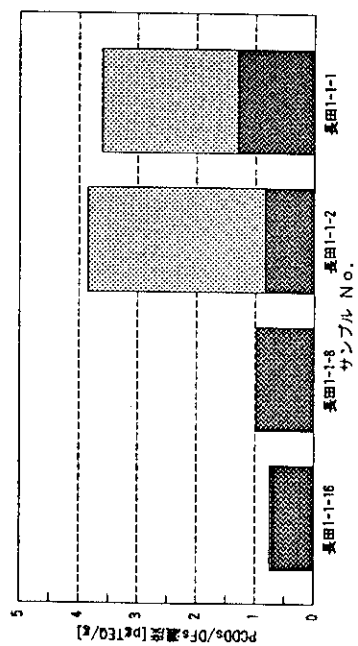
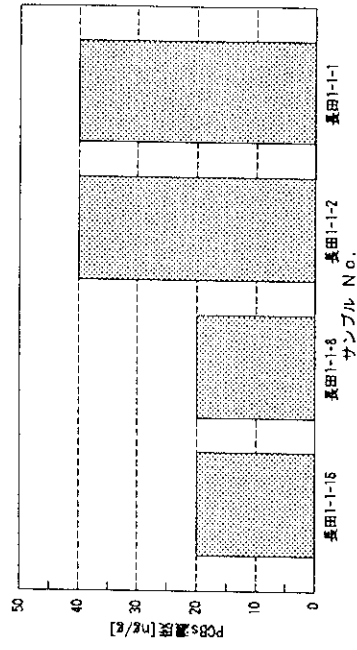
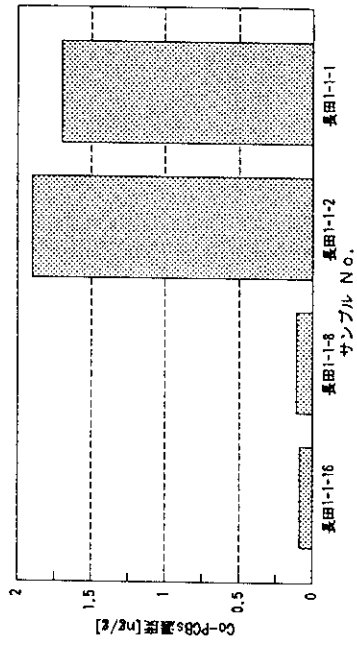
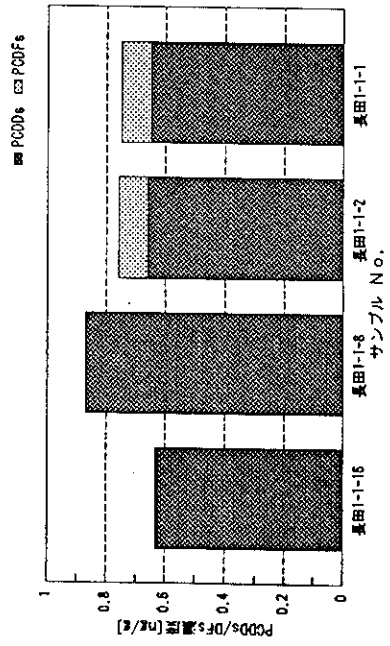
TEQ [pg-TEQ/g]													
point	14	15	16	17	18	19	20	21	22	23	P. I. 南	P. I. 東	妙法寺川上流
3,3',4,4'-TCB(77)	0.0081	0.017	0.049	0.083	0.14	0.0058	0.029	0.068	0.23	0.14	0.32	0.19	0.17
3,3',4,4',5'-PnCB(126)	0	0.12	0.47	0.73	1.1	0	0.32	0.44	1.5	1.4	2.3	1.2	2.3
3,3',4,4',5',5'-HxCB(169)	0	0	0.023	0.018	0.016	0	0	0.011	0.024	0.026	0.038	0.012	0.053
2,3,3',4,4',5'-PnCB(105)	0.0027	0.0030	0.013	0.024	0.047	0.0012	0.0070	0.013	1.8	1.5	0.15	0.059	0.18
2,3,4,4',5'-PnCB(114)	0.00067	0.00074	0.0030	0.0085	0.011	0.00080	0.0016	0.0032	0.27	0.093	0.036	0.013	0.055
2,3',4,4',5'-PnCB(118)	0.0070	0.0082	0.038	0.087	0.16	0.0034	0.020	0.042	0.086	0.031	0.51	0.24	0.38
2',3,4,4',5'-PnCB(123)	0.00012	0	0.00071	0.0016	0.0028	0	0.00043	0.00070	0.71	0.28	0.0080	0.0040	0.0079
2,3,3',4,4',5'-HxCB(156)	0.0051	0.0034	0.038	0.054	0.094	0.0033	0.016	0.023	0.012	0.0048	0.43	0.13	0.32
2,3,3',4,4',5',5'-HxCB(157)	0.0028	0.0013	0.042	0.025	0.041	0.0026	0.010	0.011	0.68	0.24	0.22	0.058	0.091
2,3',4,4',5',5'-HxCB(167)	0.000053	0.000032	0.00055	0.00056	0.0010	0.000041	0.00019	0.00025	0.22	0.13	0.0045	0.0014	0.0025
2,3,3',4,4',5',5'-HpCB(189)	0.00017	0	0.0037	0.0017	0.0026	0.00016	0.00061	0.00066	0.0052	0.0024	0.014	0.0034	0.0027
2,2',3,3',4,4',5'-HpCB(170)	0.0053	0.0013	0.11	0.037	0.058	0.0051	0.020	0.015	0.010	0.0072	0.42	0.087	0.057
2,2',3,4,4',5',5'-HpCB(180)	0.0013	0.00029	0.028	0.0093	0.015	0.0015	0.0051	0.0039	2.0	0.80	0.11	0.020	0.0095
Total non-ortho PCBs	0.0081	0.14	0.54	0.83	1.2	0.0058	0.35	0.51	0.19	0.20	2.6	1.4	2.5
Total mono-ortho PCBs	0.019	0.017	0.14	0.20	0.36	0.011	0.0051	0.094	0.059	0.052	1.4	0.50	1.0
Total di-ortho PCBs	0.0066	0.0016	0.14	0.046	0.073	0.0066	0.025	0.019	0.25	0.25	0.53	0.11	0.066
Total Coplanar PCBs	0.033	0.16	0.82	1.1	1.7	0.024	0.43	0.63	4.0	2.6	4.5	2.0	3.6

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H11-1

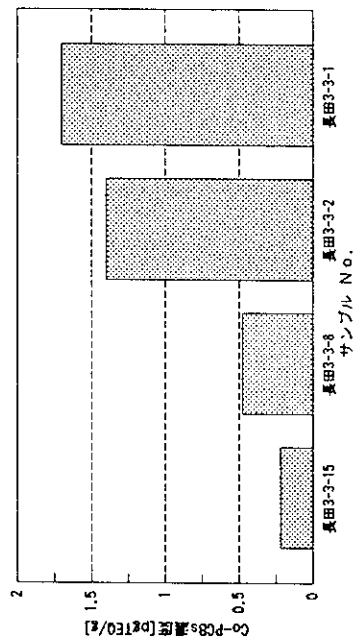
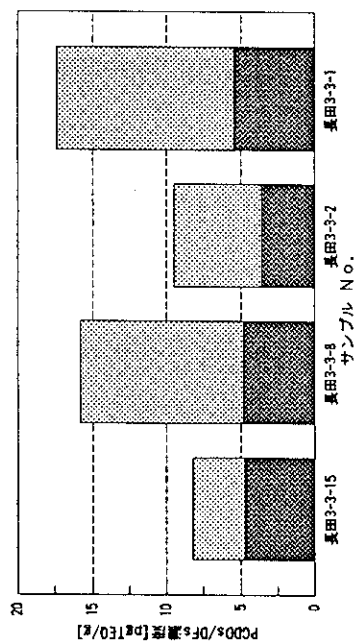
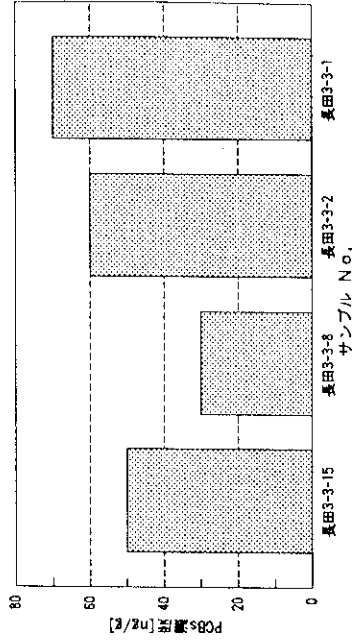
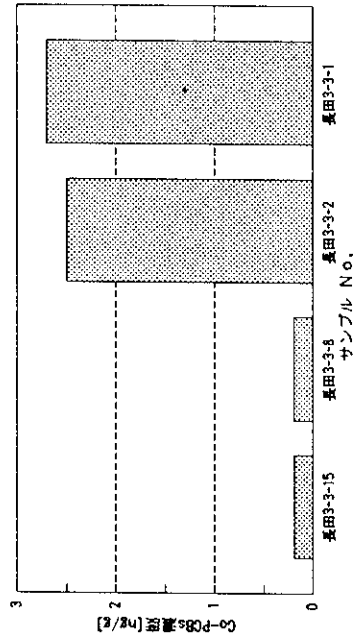
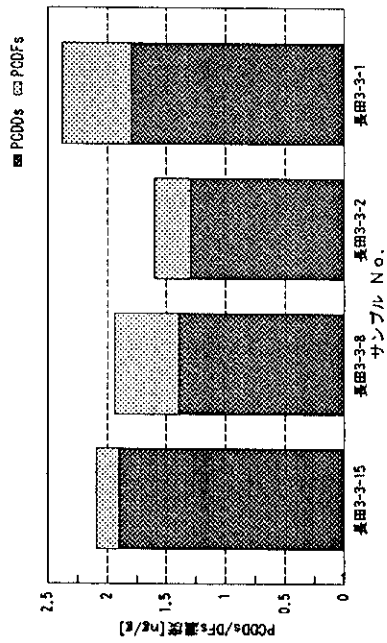


H11-2

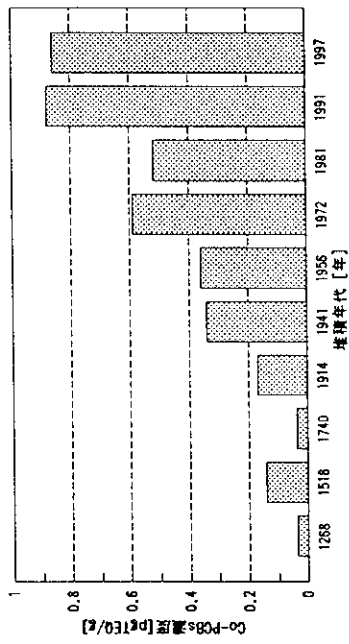
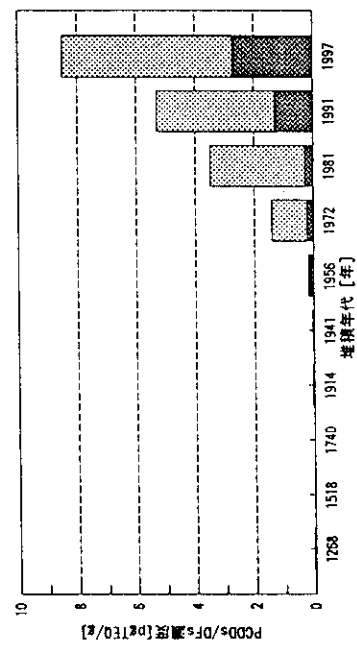
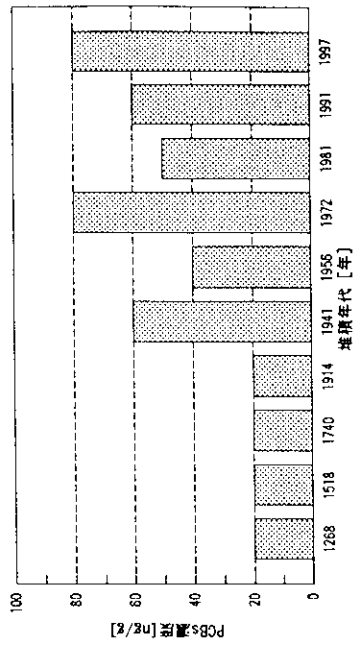
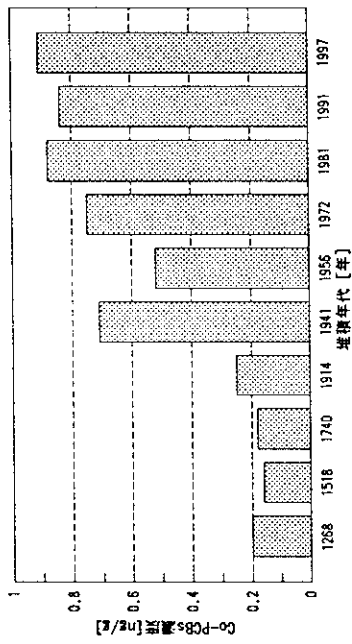
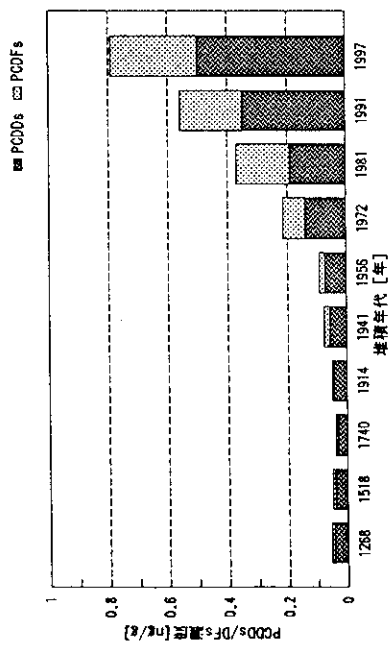




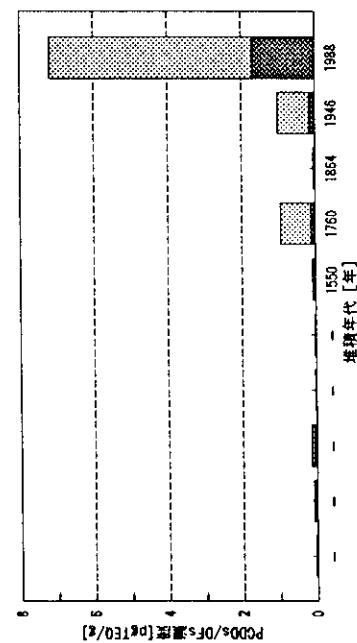
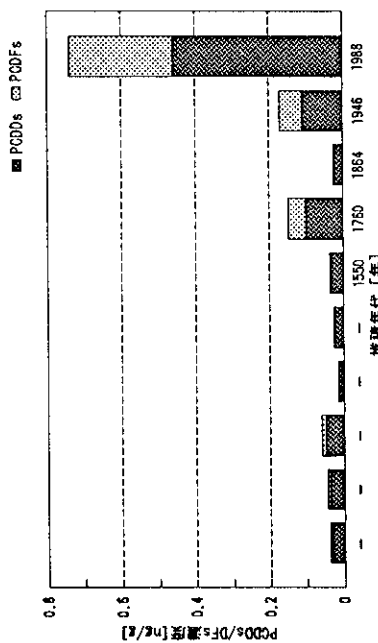
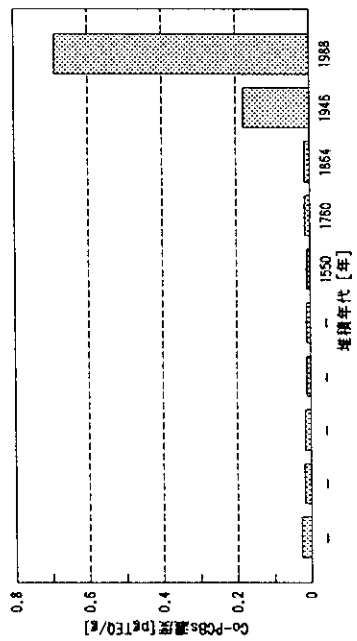
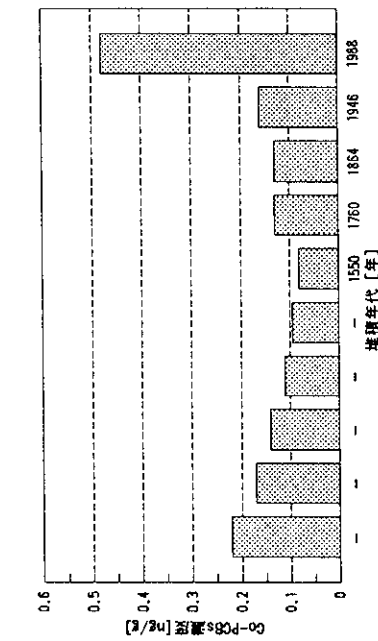
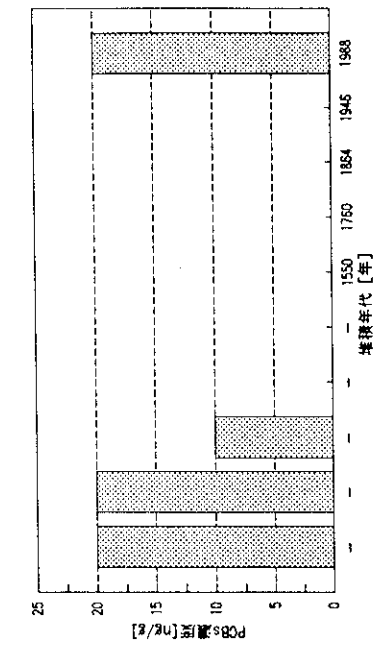
H11-3



H11-4



H11-5



第1表 大阪湾堆積物中放射能濃度及空隙率

99年

1-1 地点: 長田沖

sample name	depth cm	Pb214		Th228		Bi214		K40		Cs137		Pb210		mean		Pb210ex		porosity	depth g/cm2
		Bq/kg	$\sigma$	Bq/kg	$\sigma$	Bq/kg	$\sigma$	Bq/kg	$\sigma$	Bq/kg	$\sigma$	Bq/kg	$\sigma$	Bq/kg	$\sigma$	Bq/kg	$\sigma$		
1-1-1	1	24.24	2.12	42.80	3.28	22.65	2.48	606.7	22.0	2.17	0.55	183.54	13.68	23.45	1.63	160.10	13.78	0.846	0.377
1-1-2	3	20.43	1.39	29.43	2.16	22.14	1.65	611.5	16.3	1.67	0.40	107.04	8.27	21.28	1.08	85.76	8.34	0.733	1.407
1-1-3	5	29.84	1.55	28.66	2.26	35.11	1.93	597.3	16.5	3.42	0.45	102.43	9.61	32.47	1.24	69.96	9.69	0.739	2.699
1-1-4	7	27.66	1.51	31.02	2.22	32.17	1.87	650.4	16.9	1.78	0.41	113.19	13.82	29.92	1.20	83.27	13.87	0.692	4.093
1-1-5	9	27.35	1.52	29.47	2.22	32.79	1.87	644.7	16.8	1.52	0.42	92.89	9.58	30.07	1.20	62.82	9.65	0.672	5.651
1-1-6	11	27.40	1.40	29.42	1.96	32.85	1.67	584.5	14.2	2.34	0.33	76.90	7.08	30.12	1.09	46.78	7.16	0.644	7.327
1-1-7	13	26.84	1.40	29.47	1.97	27.11	1.61	630.3	14.9	1.24	0.33	73.41	2.91	26.98	1.07	46.43	3.10	0.639	9.083
1-1-8	15	26.49	1.48	32.89	2.25	30.57	1.83	544.7	15.5	1.49	0.41	74.46	5.80	28.53	1.18	45.92	5.92	0.670	10.776
1-1-9	17	29.49	1.66	30.70	2.35	31.05	2.01	556.9	16.9	1.57	0.44			30.27	1.30			0.749	12.200
1-1-10	19	29.32	1.91	25.42	2.58	33.53	2.31	468.5	16.8	1.73	0.46	80.94	7.14	31.42	1.50	49.51	7.29	0.705	13.540
1-1-11	21	23.90	1.84	32.54	2.68	22.01	2.14	535.5	17.8	1.16	0.46	88.31	6.48	22.96	1.41	65.35	6.63	0.762	14.848
1-1-12	23	27.45	1.49	34.62	2.26	32.48	1.88	613.8	15.5	2.08	0.43	63.18	5.12	29.96	1.20	33.22	5.26	0.721	16.114
1-1-13	25	22.50	1.47	34.06	2.29	25.30	1.75	631.7	16.6	1.10	0.39	53.19	5.88	23.90	1.15	29.29	5.99	0.689	17.559
1-1-14	27	28.92	1.52	38.72	2.35	28.86	1.81	653.7	16.8	0.18	0.38	48.10	3.40	28.89	1.18	19.21	3.60	0.694	19.073
1-1-15	29	21.69	1.46	42.96	2.41	21.30	1.72	684.8	17.2	1.31	0.40	47.23	3.66	21.49	1.13	25.74	3.83	0.682	20.602
1-1-16	31	25.10	1.39	42.14	2.15	24.96	1.61	666.6	15.3	0.00	0.30	43.48	4.12	25.03	1.06	18.46	4.25	0.639	22.265
1-1-17	33	28.37	1.48	42.62	2.23	29.22	1.70	723.8	16.0	0.39	0.32	38.59	4.01	28.80	1.13	9.79	4.16	0.660	23.982
1-1-18	35	22.77	1.41	40.96	2.19	21.71	1.60	724.2	16.1	0.26	0.33	32.17	4.22	22.24	1.07	9.93	4.36	0.651	25.671
1-1-19	37	26.49	1.46	43.77	2.25	24.65	1.64	706.5	16.0	0.10	0.32	36.87	4.98	25.57	1.10	11.30	5.10	0.662	27.354
1-1-20	39	28.42	1.47	44.26	2.21	29.90	1.69	704.6	15.6	0.05	0.32	36.70	3.66	29.16	1.12	7.53	3.83	0.655	29.026
1-1-21	41	26.06	1.42	45.51	2.23	26.14	1.62	695.1	15.5	0.30	0.31	30.33	5.44	26.10	1.08	4.23	5.54	0.603	30.842
1-1-22	43	25.17	1.50	44.10	2.42	28.25	1.81	704.6	17.5	0.00	0.00	33.31	4.32	26.71	1.17	6.61	4.47	0.676	32.609
1-1-23	45	21.12	1.46	43.31	2.43	23.43	1.74	684.7	17.3	0.25	0.39	36.03	4.00	22.27	1.14	13.75	4.16	0.672	34.208
1-1-24	47	21.84	1.38	44.10	2.20	24.23	1.58	756.3	16.1	0.00	0.00	40.92	5.90	23.03	1.05	17.89	6.00	0.648	35.876
1-1-25	49	27.31	1.41	43.71	2.19	26.23	1.61	736.8	15.9	0.00	0.00	25.95	5.00	26.77	1.07	-0.82	5.11	0.653	37.589
1-1-26	51	25.20	1.39	50.26	2.22	21.85	1.53	711.6	15.6	0.00	0.00	40.37	4.41	23.53	1.03	16.84	4.53	0.643	39.313
1-1-27	53	24.29	1.40	45.09	2.19	22.91	1.57	693.5	15.5	0.00	0.00	35.59	4.63	23.60	1.05	11.99	4.74	0.652	41.040
1-1-28	55	26.28	1.41	44.71	2.17	24.63	1.59	704.4	15.6	0.00	0.00			25.46	1.06			0.651	42.748
1-1-29	57	20.81	1.38	49.55	2.26	18.92	1.53	697.2	15.7	0.21	0.32	38.11	4.21	19.87	1.03	18.24	4.34	0.661	44.433
1-1-30	59	26.80	1.46	48.90	2.28	28.76	1.68	690.6	15.6	0.11	0.31	33.93	4.69	27.78	1.11	6.15	4.82	0.670	46.072
1-1-31	61	25.99	1.41	49.57	2.22	27.63	1.65	698.3	15.6	0.57	0.31	32.63	2.37	26.81	1.08	5.82	2.61	0.530	48.032

第2表 白池堆積物中放射能濃度及び空隙率

99年

白池

sample name	center depth c m	Pb214 Bq/kg	$\sigma$	Th228 Bq/kg	$\sigma$	Bi214 Bq/kg	$\sigma$	K40 Bq/kg	$\sigma$	Cs137 Bq/kg	$\sigma$	Pb210 Bq/kg	$\sigma$	mean		Pb210ex		porosity	depth g/cm <sup>2</sup>
														Ra226 Bq/kg	$\sigma$	Pb-Ra Bq/kg	$\sigma$		
103	0.25																	0.924	0.046
104	0.75	53.84	5.05	45.40	10.10	64.40	6.93	446.8	57.1	44.06	2.90	809.13	17.57	59.12	4.29	750.01	18.08	0.863	0.177
105	1.25	29.13	3.98	51.68	8.18	33.65	5.20	458.4	47.2	25.40	2.14	553.78	15.24	31.39	3.27	522.39	15.59	0.825	0.368
106	1.75	37.03	3.27	40.27	6.24	40.86	4.28	453.8	36.5	16.70	1.54			38.94	2.69			0.846	0.570
107	1.5	48.68	2.82	49.31	4.70	53.91	3.65	447.2	28.0	8.53	1.07	182.48	11.71	51.29	2.31	131.19	11.94	0.809	0.898
108	2.5	50.05	2.98	53.39	4.99	49.96	3.78	468.9	30.0	4.83	1.05	93.22	7.71	50.00	2.41	43.22	8.08	0.928	1.222
109	4	35.11	2.05	41.34	3.19	40.20	2.76	398.9	18.7	2.25	0.72	51.86	7.67	37.66	1.72	14.21	7.86	0.803	1.793
110	6	39.43	1.64	44.37	2.67	43.80	2.23	425.7	16.0	0.89	0.59	61.30	5.49	41.62	1.38	19.69	5.67	0.737	2.920
111	8	31.64	1.56	43.16	2.59	33.76	2.06	413.5	15.6	0.27	0.58	49.14	4.47	32.70	1.29	16.44	4.66	0.735	4.212
112	10	38.63	2.05	43.07	3.19	43.57	2.86	340.2	18.1	0.00	0.70	53.29	4.34	41.10	1.76	12.19	4.69	0.762	5.444
113	12	39.33	2.09	44.19	3.20	50.91	2.90	338.3	18.2	1.05	0.70	54.73	4.91	45.12	1.79	9.61	5.23	0.756	6.624
114	14	31.71	1.96	36.36	3.09	32.65	2.57	360.2	18.0	0.04	0.67	56.46	4.71	32.18	1.61	24.28	4.98	0.759	7.811
115	16											58.27	5.48					0.777	8.946
116	18	24.99	1.54	39.55	2.61	28.13	2.03	376.2	15.9	0.10	0.58	45.37	4.39	26.56	1.27	18.81	4.57	0.749	10.105
117	20	31.52	1.54	38.83	2.51	37.78	2.09	368.8	15.1	0.00	0.42	49.90	3.59	34.65	1.30	15.25	3.82	0.737	11.364
118	22	22.67	1.45	39.65	2.54	22.21	1.88	395.7	15.3	0.08	0.55			22.44	1.19			0.713	12.712
119	24	28.10	1.65	42.79	2.71	33.92	2.16	389.0	15.8	74.73	1.51	40.02	3.31	31.01	1.36	9.02	3.58	0.728	14.080
120	26																	0.755	15.346
121	28	33.71	1.57	47.62	2.57	35.92	2.10	375.3	15.3	0.00	0.42	49.45	3.54	34.82	1.31	14.64	3.77	0.736	16.593

第3表 高浪の池堆積物中放射能濃度及び空隙率

99年

高浪

sample name	center depth c m	Pb214 Bq/kg	$\sigma$	Th228 Bq/kg	$\sigma$	Bi214 Bq/kg	$\sigma$	K40 Bq/kg	$\sigma$	Cs137 Bq/kg	$\sigma$	Pb210 Bq/kg	$\sigma$	mean		Pb210ex		porosity	depth g/cm <sup>2</sup>
														Ra226 Bq/kg	$\sigma$	Pb-Ra Bq/kg	$\sigma$		
81	1	25.11	3.53	45.80	7.49	28.39	6.58	637.5	47.0	14.19	3.29	1082.83	22.95	26.75	3.73	1056.08	23.26	0.953	0.116
82	3	38.59	2.20	47.29	3.74	46.12	3.27	724.5	25.1	20.58	1.46	324.64	12.18	42.36	1.97	282.28	12.34	0.856	0.586
83	5	37.13	1.77	51.53	3.08	38.78	2.64	821.6	20.6	16.92	1.27	58.84	4.45	37.96	1.59	20.89	4.72	0.776	1.488
84	7	39.81	1.69	50.23	2.88	39.62	2.50	773.8	19.5	17.29	1.20	60.65	4.73	39.72	1.51	20.93	4.96	0.760	2.626
85	9	43.56	1.91	51.30	3.21	45.42	2.84	816.8	21.4	19.82	1.36	60.30	6.53	44.49	1.71	15.80	6.75	0.785	3.741

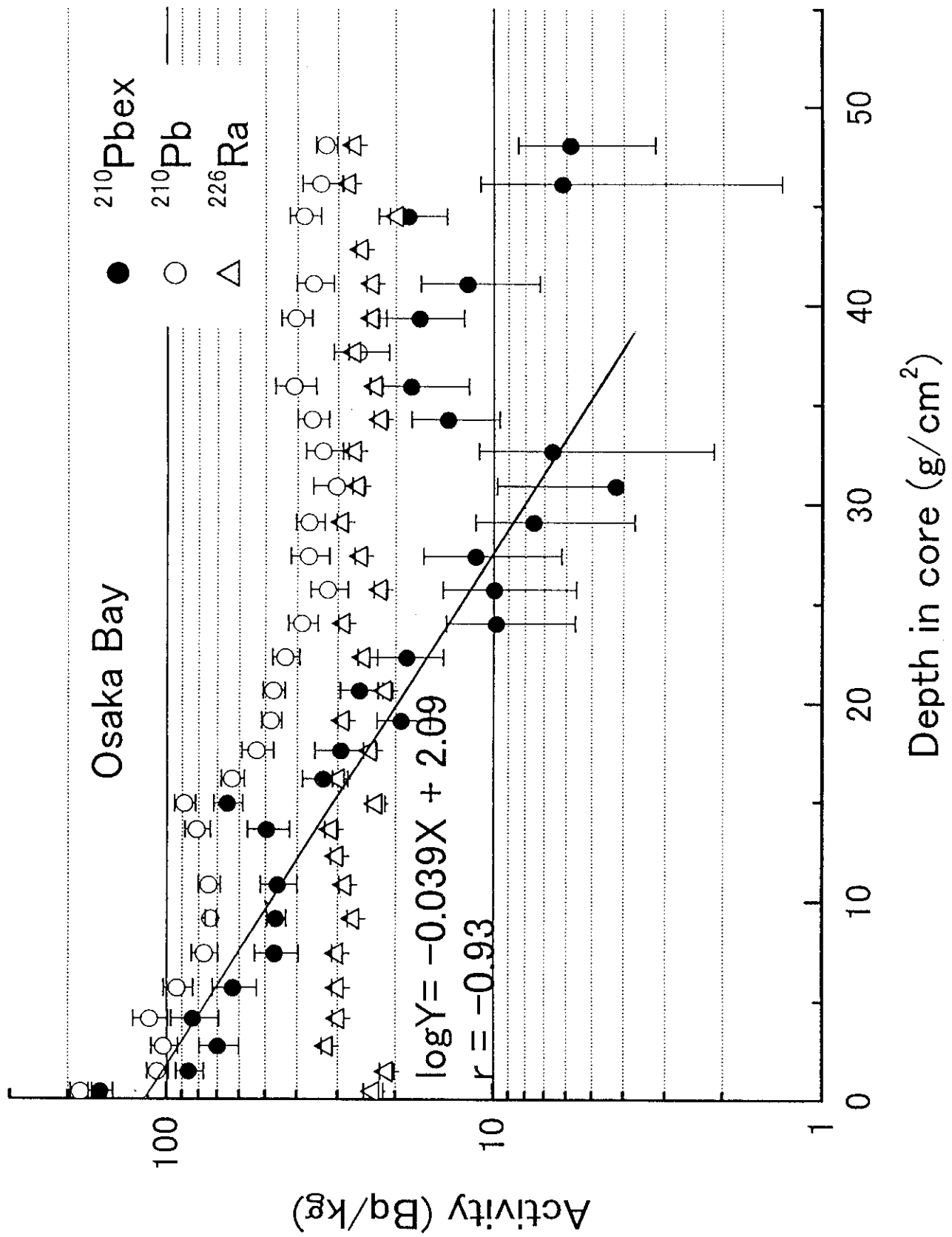
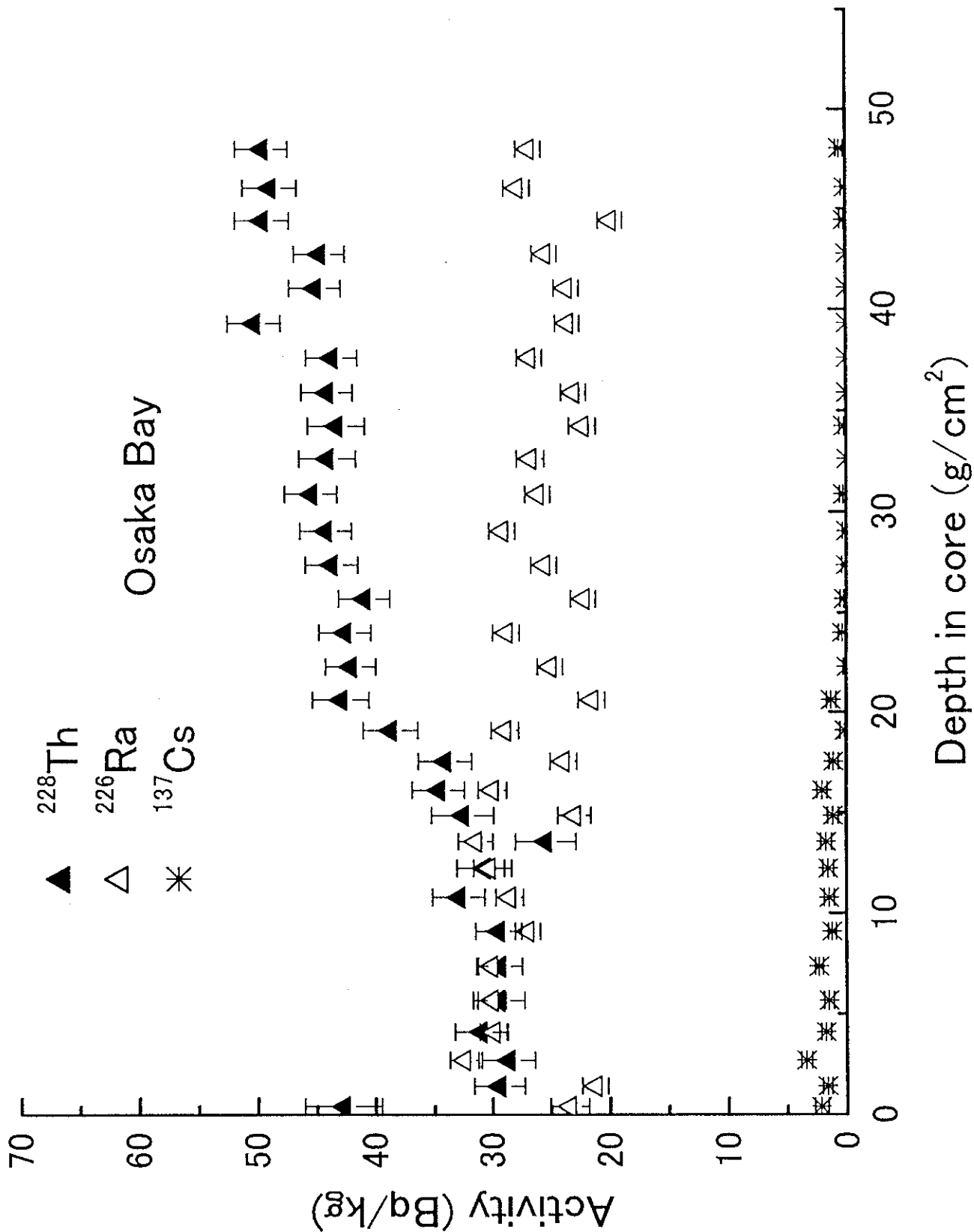
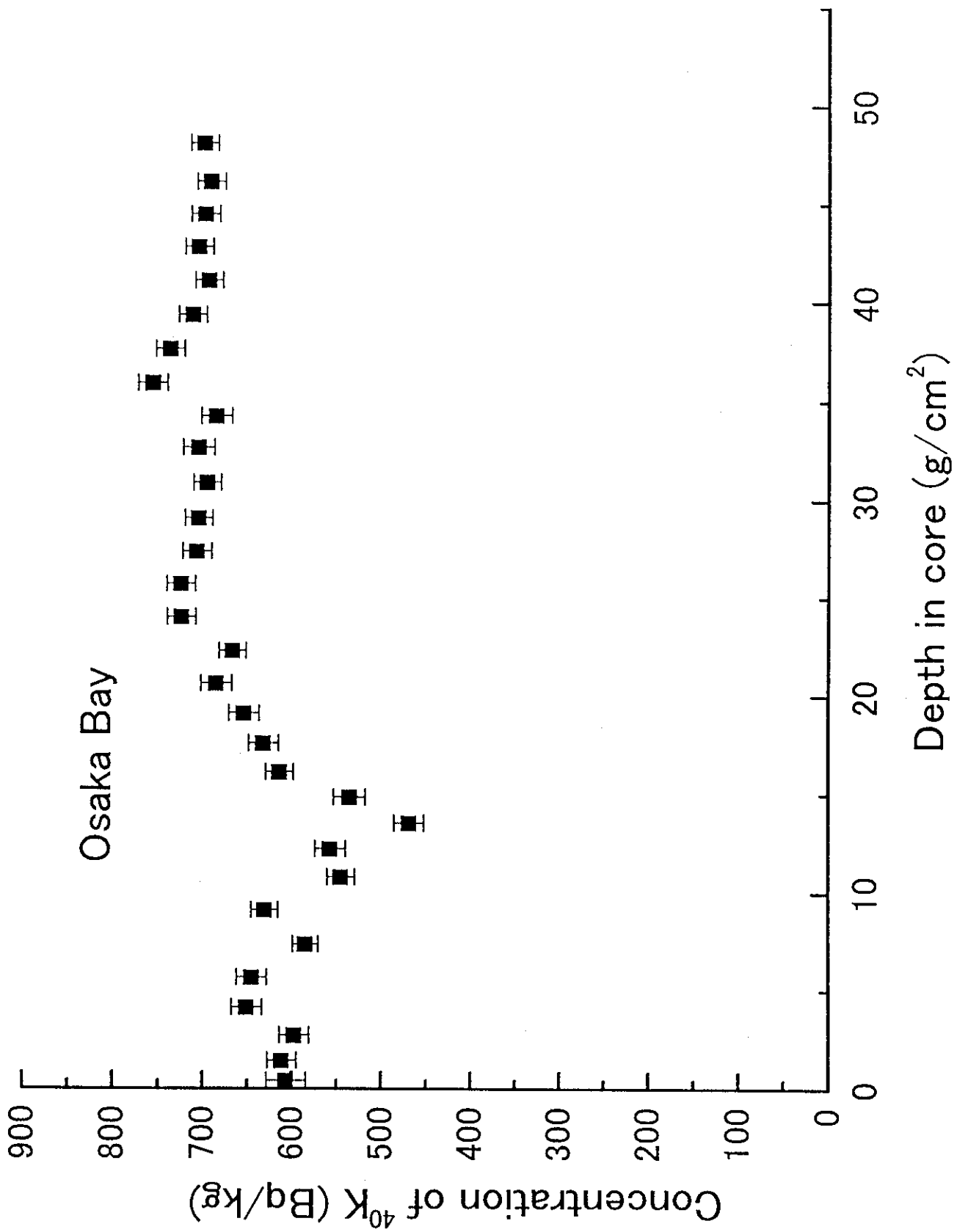


Fig. 1







# Osaka Bay

