

Supporting Information for

Influence of life-history parameters on persistent organic pollutant concentrations in blubber of eastern North Pacific gray whales (*Eschrichtius robustus*)

Kia R.R. Hayes,^{†,‡,∇,*} Gina M. Ylitalo,[‡] Todd A. Anderson,[†] Jorge Urbán R.,[§] Jeff K. Jacobsen,^{||} Jonathan J. Scordino,[⊥] Aimee R. Lang,^{#,∇} Keri A. Baugh,[‡] Jennie L. Bolton,[‡] Anna Brüniche-Olsen,[°] John Calambokidis,[♦] Sergio Martínez-Aguilar,[§] Seenivasan Subbiah,[†] Matthew O. Gribble,[¶] Céline A.J. Godard-Codding^{†,*}

[†]The Institute of Environmental and Human Health, Texas Tech University, Lubbock, TX, 79409, USA. [‡]Environmental and Fisheries Sciences Division, Northwest Fisheries Science Center, National Oceanic and Atmospheric Administration, Seattle, WA, 98112, USA. [∇]Ocean Associates, Inc., Arlington, 22207, VA, USA. [§]Departamento de Ciencias Marinas y Costeras, Universidad Autónoma de Baja California Sur, La Paz, BCS, 23085, Mexico. ^{||}VE Enterprises, McKinleyville, CA, 95519, USA. [⊥]Marine Mammal Program, Makah Fisheries Management, Makah Tribe, Neah Bay, WA, 98357, USA. [#]Southwest Fisheries Science Center, National Marine Fisheries Service, National Oceanic and Atmospheric Administration, La Jolla, CA, 92037, USA. [°]Department of Forestry and Natural Resources, Purdue University, West Lafayette, IN, 47907, USA. [♦]Cascadia Research Collective, Olympia, WA, 98501, USA. [¶]Department of Epidemiology, University of Alabama at Birmingham, Birmingham, AL, 35294, USA.

***Corresponding authors:** celine.godard@ttu.edu; kia.hayes@noaa.gov

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Table S1: Sample identification details and summed POP concentrations (ng/g, lipid weight) in gray whale blubber. Sample contributors included Universidad Autónoma de Baja California Sur (UABCS), Laguna San Ignacio Ecosystem Science Program, Southwest Fisheries Science Center (SWFSC), Makah Tribe, Cascadia Research Collective (Cascadia), Northwest Fisheries Science Center (NWFSC), VE Enterprises, Humboldt State University Vertebrate Museum and Marine Mammal Stranding Program, National Marine Fisheries Service (NMFS) Office of Protected Resources' Marine Mammal Health and Stranding Response Program, Natural History Museum - Los Angeles, and Fisheries and Oceans Canada.

NWFSC Extract ID	Tissue Archive - Sample ID	SWFSC Genetic ID	Cascadia ID	% Lipid	ΣPCBs	ΣDDTs	ΣCHLDs	ΣHCHs	ΣPBDEs
KH-001	SWFSC - Z31899	-	-	4	13	5.4	6.6	4.1	0.86
KH-002	SWFSC - Z31906	-	-	2	1.9	3.6	3.2	2.2	0.61
KH-004	SWFSC - Z115124	115124	1504	29	46	35	23	15	1.8
KH-010	SWFSC - Z105507	105507	780	31	340	810	80	28	37
KH-011	SWFSC - Z105508	105508	261	22	74	95	22	15	13
59-6760	SWFSC - Z105509	105509	786	49	76	78	18	18	21
59-6761	SWFSC - Z105510	100721	819	39	81	78	16	16	25
59-6762	SWFSC - Z105511	101824	561	37	130	160	32	24	27
59-6763	SWFSC - Z105512	106820	1236	32	74	100	20	13	16
KH-008	SWFSC - Z106816	106816	73	12	230	97	23	12	42
KH-005	SWFSC - Z106821	101809	1095	34	130	140	69	36	18
59-6764	SWFSC - Z106822	106822	285	12	120	190	20	8.4	15
59-6765	SWFSC - Z106823	102245	1111	20	31	23	12	19	2.3
59-6628	SWFSC - Z105500	105500	551	15	61	74	17	11	17

59-6634	SWFSC - Z105501	105501	1309	39	23	24	14	22	6.2
KH-007	SWFSC - Z105502	105502	1314	39	64	230	32	17	12
59-6766	SWFSC - Z105503	105503	277	40	330	660	89	48	61
59-6621	SWFSC - Z115112	115112	1497	34	24	12	23	29	< LOQ
59-6767	SWFSC - Z115113	115113	1498	54	64	24	35	36	< LOQ
KH-013	SWFSC - Z115114	115114	1507	40	200	100	130	110	2.1
59-6768	SWFSC - Z115115	115115	657	60	230	350	66	55	65
59-6769	SWFSC - Z115116	115116	1422	46	49	28	32	34	< LOQ
KH-009	SWFSC - Z115125	102361	643	32	150	250	47	22	28
59-6560	SWFSC - Z115118	105440	1350	37	88	100	31	40	26
59-6577	SWFSC - Z115119	101809	1095	54	280	300	250	83	46
KH-003	SWFSC - Z115120	115120	1452	49	140	79	86	83	5.5
59-6770	SWFSC - Z106824	106824	6	16	19	32	2.3	2.7	4.9
59-6771	SWFSC - Z115107	115107	1477	31	13	3.7	5.9	11	< LOQ
KH-012	SWFSC - Z115108	115108	1564	29	44	28	18	28	2.4
59-6637	SWFSC - Z115109	115109	1487	16	25	18	24	24	< LOQ
59-6612	SWFSC - Z115111	115111	1491	32	53	31	51	61	< LOQ
59-6772	SWFSC - Z115126	115115	657	43	140	230	39	27	34
59-6777	SWFSC - Z115127	115127	918	9	7.2	2.6	1.2	3.3	< LOQ
59-6778	SWFSC - Z115121	115121	1509	63	180	140	80	69	13
59-6642	SWFSC - Z115122	115122	1505	32	49	62	18	22	6.6
59-6779	SWFSC - Z115123	115123	1503	49	120	76	65	50	5.3
59-6599	SWFSC - Z101803	101803	532	50	82	110	24	18	29
59-6563	SWFSC - Z105441	100720	67	21	59	58	16	11	19
59-6587	SWFSC - Z105447	102366	688	26	65	95	19	13	17
59-6630	SWFSC - Z105448	101820	302	14	66	61	14	9.5	22
59-6629	SWFSC - Z105453	105453	824	4	19	40	4.1	4.3	7.9

59-6631	SWFSC - Z105454	105454	813	18	52	65	14	12	20
KH-006	SWFSC - Z105455	102375	682	10	39	49	11	6	8.8
59-6598	SWFSC - Z115131	101803	532	18	37	49	10	6.7	12
59-6607	SWFSC - Z115134	100703	659	13	30	59	16	11	12
59-6600	SWFSC - Z115138	100723	783	25	43	36	13	12	13
59-6636	SWFSC - Z115143	115143	1521	13	12	6.8	8.8	11	2.5
59-6633	SWFSC - Z166596	160305	166	26	90	110	19	11	26
59-6604	SWFSC - Z101806	100703	659	50	250	410	100	52	77
59-6582	SWFSC - Z101809	101809	1095	48	190	190	200	65	17
59-6583	SWFSC - Z101819	101819	826	24	91	130	24	18	21
59-6586	SWFSC - Z102366	102366	688	26	140	200	41	30	37
59-6578	SWFSC - Z102370	101819	826	16	58	87	14	12	15
59-6561	SWFSC - Z105440	105440	1350	18	18	32	9.3	14	7.6
59-6584	UABCS - LSI-2016- Biopsy 74	-	-	3	< LOQ	< LOQ	< LOQ	< LOQ	< LOQ
59-6638	UABCS - LSI-2016- Biopsy 31	-	-	25	15	7.8	14	19	< LOQ
59-6548	UABCS - LSI-2016- Biopsy 101	-	-	9	1.1	1.6	3.9	3	< LOQ
59-6601	UABCS - LSI-2016- Biopsy 53	-	-	18	11	3.6	6	5.2	5.5
59-6613	UABCS - LSI-2016- Biopsy 92	-	-	14	< LOQ	2.1	3.5	9.4	< LOQ
59-6555	UABCS - LSI-2016- Biopsy 40	-	-	12	1.6	2.2	2.9	4.1	< LOQ
59-6570	UABCS - LSI-2016- Biopsy 61	-	-	19	< LOQ	2.7	3.1	5.1	< LOQ
59-6551	UABCS - LSI-2016- Biopsy 89	-	-	4	< LOQ	< LOQ	2.5	1.3	< LOQ

59-6552	UABCS - LSI-2016- Biopsy 36	-	-	36	21	9.6	16	20	< LOQ
59-6780	UABCS - LSI-2016- Biopsy 11	-	-	16	13	2.7	3.4	4.4	< LOQ
59-6543	UABCS - LSI-2016- Biopsy 50	-	-	33	16	9.5	15	11	< LOQ
59-6653	UABCS - LSI-2016- Biopsy 21	-	-	30	89	43	70	55	< LOQ
59-6645	UABCS - LSI-2016- Biopsy 28	-	-	4	2.3	5.4	9	7.2	< LOQ
59-6619	UABCS - LSI-2016- Biopsy 83	-	-	14	< LOQ	2.7	7.8	11	15
59-6652	UABCS - LSI-2016- Biopsy 5	-	-	8	0.93	1.6	3.3	3.4	< LOQ
59-6781	UABCS - LSI-2016- Biopsy 41	-	-	16	63	31	35	28	0.98
59-6550	UABCS - LSI-2016- Biopsy 38	-	-	30	11	5.3	10	15	< LOQ
59-6594	UABCS - LSI-2016- Biopsy 54	-	-	38	12	6.2	11	15	< LOQ
59-6782	UABCS - LSI-2016- Biopsy 30	-	-	9	20	7.6	15	18	< LOQ
59-6654	UABCS - LSI-2016- Biopsy 6	-	-	29	74	39	54	78	< LOQ
59-6554	UABCS - LSI-2016- Biopsy 39	-	-	31	15	7.2	14	17	< LOQ
59-6549	UABCS - LSI-2016- Biopsy 100	-	-	7	< LOQ	1.2	3.3	2.9	< LOQ
59-6783	UABCS - LSI-2016- Biopsy 18	-	-	19	64	29	42	36	< LOQ
59-6565	UABCS - LSI-2016- Biopsy 56	-	-	33	8.7	5	9.8	14	< LOQ

59-6602	UABCS - LSI-2016- Biopsy 80	-	-	19	23	5.3	8.2	6.6	6.8
59-6603	UABCS - LSI-2016- Biopsy 55	-	-	14	0.94	1.3	4.2	3.5	< LOQ
59-6581	UABCS - LSI-2016- Biopsy 77	-	-	19	< LOQ	1.6	3.1	7.1	< LOQ
59-6566	UABCS - LSI-2016- Biopsy 59	-	-	4	< LOQ	< LOQ	1.2	1.1	< LOQ
59-6784	UABCS - LSI-2016- Biopsy 25	-	-	14	33	15	22	28	< LOQ
59-6649	UABCS - LSI-2016- Biopsy 20	-	-	17	4.8	2.8	5.8	5.6	8.7
59-6588	UABCS - LSI-2016- Biopsy 79	-	-	17	< LOQ	1.5	2.3	4.3	< LOQ
59-6622	UABCS - LSI-2016- Biopsy 82	-	-	25	5.9	4.5	8.1	13	< LOQ
59-6545	UABCS - LSI-2016- Biopsy 88	-	-	11	< LOQ	1.9	2.6	4.9	< LOQ
59-6647	UABCS - LSI-2016- Biopsy 33	-	-	7	2.4	2.6	4.4	4.8	< LOQ
59-6620	UABCS - LSI-2016- Biopsy 76	-	-	13	17	9	14	6.2	< LOQ
59-6646	UABCS - LSI-2016- Biopsy 12	-	-	16	40	23	36	30	< LOQ
59-6648	UABCS - LSI-2016- Biopsy 10	-	-	25	3.1	2.7	5.3	7.5	< LOQ
59-6623	UABCS - LSI-2016- Biopsy 85	-	-	20	3.2	2.6	7.3	9	< LOQ
59-6572	UABCS - LSI-2016- Biopsy 69	-	-	7	11	< LOQ	4.5	< LOQ	< LOQ
59-6589	UABCS - LSI-2016- Biopsy 91	-	-	6	< LOQ	< LOQ	< LOQ	1.2	< LOQ

59-6617	UABCS - LSI-2016- Biopsy 67	-	-	6	< LOQ	< LOQ	2.3	1.7	< LOQ
59-6579	UABCS - LSI-2016- Biopsy 73	-	-	27	< LOQ	2.8	4	11	< LOQ
59-6611	UABCS - LSI-2016- Biopsy 9	-	-	11	1.8	1.9	4	6.7	< LOQ
59-6655	UABCS - LSI-2016- Biopsy 26	-	-	19	6	2.6	5.5	6.2	< LOQ
59-6596	UABCS - LSI-2016- Biopsy 48	-	-	11	3.6	2.2	3.9	5.5	< LOQ
59-6546	UABCS - LSI-2016- Biopsy 64	-	-	20	11	5.3	9.1	15	< LOQ
59-6614	UABCS - LSI-2016- Biopsy 1	-	-	18	< LOQ	1.6	5.1	7.5	< LOQ
59-6567	UABCS - LSI-2016- Biopsy 58	-	-	14	2.8	2.4	5	5.9	< LOQ
59-6635	UABCS - LSI-2016- Biopsy 63	-	-	6	< LOQ	1.4	2.5	3.9	< LOQ
59-6544	UABCS - LSI-2016- Biopsy 65	-	-	10	1.3	2.1	4.8	4.1	< LOQ
59-6785	UABCS - LSI-2016- Biopsy 27	-	-	9	7	1.5	1.3	3.9	< LOQ
59-6553	UABCS - LSI-2016- Biopsy 37	-	-	7	8.6	< LOQ	6.4	2.6	< LOQ
59-6585	UABCS - LSI-2016- Biopsy 90	-	-	14	< LOQ	1.6	5.7	6.1	< LOQ
59-6651	UABCS - LSI-2016- Biopsy 8	-	-	20	54	27	38	30	< LOQ
59-6616	UABCS - LSI-2016- Biopsy 75	-	-	27	31	18	24	23	< LOQ
59-6618	UABCS - LSI-2016- Biopsy 47	-	-	25	13	6.3	16	17	< LOQ

59-6656	UABCS - LSI-2016- Biopsy 35	-	-	17	7.1	4.3	6.4	7.8	< LOQ
59-6605	UABCS - LSI-2016- Biopsy 49	-	-	20	9.5	5.5	7	7.3	0.47
59-6650	UABCS - LSI-2016- Biopsy 7	-	-	17	< LOQ	1.6	4.6	4.2	< LOQ
59-6597	UABCS - LSI-2016- Biopsy 52	-	-	30	17	9.4	13	13	< LOQ
59-6564	UABCS - LSI-2016- Biopsy 57	-	-	7	< LOQ	< LOQ	1	1.3	< LOQ
59-6571	UABCS - LSI-2016- Biopsy 68	-	-	10	< LOQ	1.3	1.8	4.1	< LOQ
59-6547	UABCS - LSI-2016- Biopsy 42	-	-	13	< LOQ	1.3	4	2.9	< LOQ
59-6615	UABCS - LSI-2016- Biopsy 66	-	-	26	7.3	5.5	8.7	13	< LOQ
59-6787	SWFSC Affiliate - JJ12	-	1154	38	130	220	35	28	68
59-6788	SWFSC Affiliate - JJ12	-	1154	26	93	160	27	20	45

Table S2. Percent detection (>LOQ) of 19 select compounds included in statistical analyses.

Compound	% Detection above LOQ
PCB52	77%
PCB95	72%
PCB99	67%
PCB101	78%
PCB118	69%
PCB138	78%
PCB149	70%
PCB153	88%
PCB187	66%
<i>p,p'</i> -DDD	73%
<i>p,p'</i> -DDE	93%
<i>a</i> -CHLOR	82%
<i>c</i> -Nona	65%
HPE	68%
Oxychlor	72%
<i>t</i> -Nona	98%
HCB	99%
<i>a</i> -HCH	74%
<i>β</i> -HCH	99%

Table S3. Geometric mean ratios (and 95% CI) of POP concentrations in blubber of gray whales across biological variables including sex, age, and reproductive parameters as well as calving season (Jan-Apr assumes continuous trend between months) controlled by year. Resting female refers to adult female without a calf and expected to be not pregnant. Immature refers to calves and juveniles.

	Adult M vs. F <i>n</i> = 82	Immature M vs. F <i>n</i> = 35	M Adult vs. Immature <i>n</i> = 45	F Adult vs. Immature <i>n</i> = 72	Mothers vs. Resting F <i>n</i> = 52	Mothers vs. Calves <i>n</i> = 55	Jan-Apr Mothers <i>n</i> = 21	Jan-Apr Calves <i>n</i> = 28
PCB52	1.97* (1.49-2.62)	0.87 (0.63-1.21)	3.92** (2.75-5.58)	1.22 (0.92-1.62)	0.90 (0.58-1.38)	1.27 (0.91-1.77)	1.24 (0.85-1.80)	1.12 (0.91-1.37)
PCB95	1.95* (1.45-2.62)	0.87 (0.60-1.26)	3.90* (2.59-5.86)	1.24 (0.90-1.71)	1.02 (0.64-1.62)	1.35 (0.91-1.99)	1.31 (0.85-2.04)	1.07 (0.85-1.35)
PCB99	2.33* (1.68-3.23)	0.84 (0.57-1.24)	5.21** (3.46-7.85)	1.36 (0.97-1.90)	0.72 (0.39-1.31)	1.41 (0.98-2.02)	1.26 (0.83-1.90)	1.10 (0.87-1.41)
PCB101	1.84* (1.42-2.37)	0.83 (0.60-1.14)	3.92** (2.85-5.38)	1.36* (1.04-1.78)	0.91 (0.59-1.40)	1.47* (1.07-2.01)	1.22 (0.84-1.76)	1.09 (0.89-1.34)
PCB118	1.98* (1.47-2.68)	0.84 (0.59-1.21)	4.26** (2.90-6.27)	1.45* (1.05-2.01)	0.66 (0.37-1.19)	1.47* (1.02-2.10)	1.26 (0.84-1.89)	1.12 (0.88-1.42)
PCB138	2.07* (1.51-2.82)	0.84 (0.59-1.19)	4.93** (3.48-6.98)	1.57* (1.14-2.16)	0.61 (0.31-1.18)	1.59* (1.16-2.20)	1.20 (0.85-1.70)	1.11 (0.89-1.40)
PCB149	2.28* (1.65-3.14)	0.83 (0.56-1.23)	5.75** (3.92-8.44)	1.50* (1.10-2.05)	0.76 (0.43-1.33)	1.57* (1.12-2.21)	1.23 (0.83-1.80)	1.10 (0.86-1.41)
PCB153	2.19* (1.59-3.03)	0.82 (0.56-1.18)	5.58** (3.84-8.10)	1.61* (1.17-2.20)	0.60 (0.30-1.18)	1.62* (1.18-2.23)	1.17 (0.84-1.65)	1.11 (0.87-1.41)
PCB187	1.93* (1.32-2.83)	0.81 (0.52-1.26)	5.53* (3.52-8.69)	1.90* (1.27-2.83)	0.68 (0.32-1.45)	2.01* (1.31-3.10)	1.20 (0.75-1.92)	1.14 (0.83-1.56)
<i>p,p'</i> -DDD	2.01* (1.46-2.77)	0.89 (0.64-1.22)	3.29* (2.23-4.84)	1.24 (0.91-1.71)	0.59 (0.28-1.24)	1.23 (0.87-1.73)	1.21 (0.81-1.80)	1.02 (0.84-1.24)
<i>p,p'</i> -DDE	2.81* (1.79-4.41)	0.84 (0.61-1.15)	5.78** (3.80-8.78)	1.34 (0.92-1.95)	0.33* (0.11-0.97)	1.15 (0.84-1.57)	1.10 (0.79-1.53)	1.05 (0.89-1.24)
α -CHLOR	1.08 (0.73-1.60)	0.89 (0.60-1.33)	1.10 (0.60-2.01)	0.95 (0.65-1.40)	3.86* (1.61-9.30)	1.46 (0.97-2.21)	1.14 (0.73-1.80)	1.05 (0.76-1.45)
<i>c</i> -Nona	2.13* (1.60-2.84)	0.89 (0.63-1.27)	3.75* (2.55-5.51)	1.14 (0.88-1.47)	0.96 (0.62-1.48)	1.19 (0.90-1.58)	1.15 (0.83-1.59)	1.06 (0.87-1.29)
HPE	1.73* (1.35-2.22)	0.92 (0.73-1.16)	1.97* (1.38-2.81)	0.78* (0.62-0.97)	1.20 (0.90-1.61)	0.87 (0.69-1.11)	1.04 (0.79-1.37)	1.02 (0.88-1.19)
Oxychlor	3.08* (2.12-4.50)	0.82 (0.55-1.20)	5.56* (3.34-9.26)	0.91 (0.63-1.32)	0.66 (0.36-1.23)	0.88 (0.60-1.29)	1.09 (0.75-1.58)	1.00 (0.78-1.28)
<i>t</i> -Nona	2.39** (1.78-3.21)	0.91 (0.67-1.23)	4.04** (2.81-5.80)	1.14 (0.90-1.44)	1.11 (0.80-1.53)	1.21 (0.96-1.54)	1.13 (0.85-1.50)	1.10 (0.95-1.28)
HCB	1.49 (1.00-2.22)	0.98 (0.67-1.45)	1.67* (1.10-2.51)	0.74 (0.52-1.06)	1.29 (0.76-2.20)	0.73* (0.56-0.95)	0.93 (0.78-1.10)	1.14 (0.96-1.36)
α -HCH	0.93 (0.65-1.32)	0.97 (0.75-1.24)	1.07 (0.73-1.57)	0.74 (0.55-1.01)	1.69* (1.05-2.71)	0.83 (0.58-1.17)	0.97 (0.68-1.38)	1.03 (0.86-1.24)
β -HCH	2.47** (1.89-3.23)	0.92 (0.72-1.16)	3.13* (2.08-4.72)	0.71* (0.56-0.89)	0.86 (0.62-1.19)	0.72* (0.59-0.89)	0.98 (0.81-1.19)	1.06 (0.93-1.21)

*Nominal significance corresponds to CI excluding 1 ($P < 0.05$).

**Bonferroni significant based on one degree of freedom F test for $(e^b)-1=0$ ($p < 0.0003$).

M = male, F = female.

Table S4. POP compound concentrations (ng/g, wet weight) in repetitively sampled individuals. "<"

symbol represents <LOQ.

Sample ID	59-6561	59-6560	59-6597	59-6615	59-6601	59-6617
Repeat ID	Female (F) - Calf	Female (F) - Juvenile	Calf (I)	Calf (I)	Mother (I)	Mother (I)
Date	Jun 23, 2011	Jul 18, 2012	Feb 18, 2016	Mar 8, 2016	Feb 18, 2016	Mar 8, 2016
Locality	WA, USA	CA, USA	BC, MEX	BC, MEX	BC, MEX	BC, MEX
Lipid %	18	37	30	26	18	6
HCB	6.5	21	36	35	14	5.6
α -HCH	< 1.6	3.1	2.9	2.8	1.3	< 1.3
β -HCH	14	36	10	10	3.9	1.7
γ -HCH	< 1.6	1.2	< 0.52	< 1.2	< 0.90	< 1.3
α -Chlor	2.2	2.4	1.7	1.8	1.8	< 1.3
<i>c</i> -Nona	< 1.6	3.2	1.8	< 1.1	< 0.89	< 1.3
HPE	2.1	5.2	1.9	1.4	< 0.90	< 1.3
Nona3	< 1.6	1.7	< 0.52	< 1.2	< 0.90	< 1.3
Oxychlor	< 1.6	5.5	1.7	< 1.2	< 0.90	< 1.3
<i>t</i> -Nona	5.1	12	6.4	5.6	4.1	2.3
Mirex	< 1.6	< 1.0	< 0.53	< 1.2	< 0.90	< 1.3
Eslf1	< 1.6	< 1.0	< 1.7	< 1.2	< 2.9	< 1.3
PCB17	< 1.6	< 1.0	< 0.52	< 1.2	< 0.90	< 1.3
PCB18	< 1.6	< 1.0	< 0.53	< 1.2	< 0.90	< 1.3
PCB28	< 1.6	< 1.0	< 0.53	< 1.2	< 0.90	< 1.3
PCB31	< 1.6	< 1.0	< 0.53	< 1.2	< 0.90	< 1.3
PCB33	< 1.6	< 1.0	< 0.52	< 1.2	< 0.89	< 1.3
PCB44	< 1.6	1	< 0.52	< 1.2	< 0.90	< 1.3
PCB49	< 1.7	1.6	0.54	< 1.2	< 0.91	< 1.3
PCB52	1.7	5.9	1.8	1.6	< 0.90	< 1.3
PCB66	< 1.6	1.6	< 0.52	< 1.2	< 0.90	< 1.3
PCB70	< 1.6	< 1.0	< 0.52	< 1.2	< 0.90	< 1.3
PCB74	< 1.6	2	< 0.53	< 1.2	< 0.90	< 1.3
PCB82	< 1.6	< 1.0	< 0.52	< 1.2	< 0.89	< 1.3
PCB87	< 1.6	1.2	< 0.53	< 1.2	< 0.90	< 1.3
PCB95	< 1.6	4.4	1.4	< 1.2	< 0.90	< 1.3
PCB99	1.8	5.6	1.3	< 1.2	< 0.91	< 1.3
PCB101	2.2	6.4	1.8	1.2	1.1	< 1.3
PCB105	< 1.6	2.3	< 0.53	< 1.2	< 0.90	< 1.3
PCB110	< 1.6	2.5	1.1	< 1.2	< 0.90	< 1.3
PCB118	2.3	6.1	1.4	< 1.2	< 0.90	< 1.3
PCB128	< 1.6	1.6	< 0.53	< 1.2	< 0.90	< 1.3
PCB138	3.9	12	2.2	1.4	1.6	< 1.3
PCB149	2	5.8	1.6	1.2	0.93	< 1.3
PCB151	< 1.6	1.7	< 0.52	< 1.2	< 0.90	< 1.3
PCB153	4.4	14	2.8	1.9	2.1	< 1.3
PCB156	< 1.6	< 1.0	< 0.53	< 1.2	< 0.90	< 1.3
PCB158	< 1.6	< 1.0	< 0.52	< 1.2	< 0.90	< 1.3
PCB170	< 1.7	1.4	< 0.53	< 1.2	< 0.91	< 1.3
PCB171	< 1.7	< 1.0	< 0.53	< 1.2	< 0.91	< 1.3

PCB177	< 1.7	1.4	< 0.53	< 1.2	< 0.91	< 1.3
PCB180	< 1.6	4.1	< 0.53	< 1.2	1.4	< 1.3
PCB183	< 1.6	1.5	< 0.52	< 1.2	< 0.90	< 1.3
PCB187	< 1.6	4.5	0.65	< 1.2	< 0.90	< 1.3
PCB191	< 1.7	< 1.0	< 0.53	< 1.2	< 0.91	< 1.3
PCB194	< 1.6	< 1.0	< 0.53	< 1.2	1.7	< 1.3
PCB195	< 1.6	< 1.0	< 0.53	< 1.2	< 0.90	< 1.3
PCB205	< 1.6	< 1.0	< 0.53	< 1.2	< 0.90	< 1.3
PCB206	< 1.6	< 1.0	< 0.52	< 1.2	2.1	< 1.3
PCB208	< 1.6	< 1.0	< 0.53	< 1.2	< 0.90	< 1.3
PCB209	< 1.6	< 1.0	< 0.53	< 1.2	< 0.90	< 1.3
<i>op</i>-DDD	< 1.6	1.6	1.2	< 1.2	< 0.90	< 1.3
<i>op</i>-DDE	< 1.7	2.7	< 0.53	< 1.2	< 0.91	< 1.3
<i>op</i>-DDT	< 1.6	1.2	< 0.52	< 1.2	< 0.90	< 1.3
<i>pp</i>-DDD	3.8	11	2.6	1.5	1.1	< 1.3
<i>pp</i>-DDE	28	85	5.5	4.1	2.6	< 1.3
<i>pp</i>-DDT	< 1.6	2.4	< 0.53	< 1.2	< 0.90	< 1.3
PBDE28	< 1.6	< 1.0	< 0.52	< 1.1	< 0.89	< 1.3
PBDE47	5.4	18	< 0.53	< 1.2	1.6	< 1.3
PBDE49	< 1.6	< 1.0	< 0.53	< 1.2	< 0.90	< 1.3
PBDE66	< 1.6	< 1.0	< 0.53	< 1.2	< 0.91	< 1.3
PBDE85	< 1.6	< 1.0	< 0.52	< 1.2	< 0.90	< 1.3
PBDE99	2.3	5.7	< 0.52	< 1.2	2	< 1.3
PBDE100	< 1.6	1.9	< 0.52	< 1.2	2	< 1.3
PBDE153	< 1.6	< 1.0	< 0.52	< 3.2	< 0.90	< 3.6
PBDE154	< 1.6	< 1.0	< 0.53	< 1.2	< 0.90	< 1.3
PBDE155	< 1.6	< 1.0	< 0.53	< 1.2	< 0.90	< 1.3
PBDE183	< 1.6	< 1.0	< 0.53	< 1.2	< 0.90	< 1.3

Table S5: PCB and PBDE congener-specific concentrations (ng/g, wet weight) in gray whale blubber. "<" symbol represents <LOQ.

Extract ID	59-6543	59-6544	59-6545	59-6546	59-6547	59-6548	59-6549	59-6550	59-6551	59-6552
% Lipid	33	10	11	20	13	9	7	30	4	36
PCB17	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.67	< 0.50
PCB18	< 0.57	< 1.2	< 1.7	< 0.79	< 0.93	< 1.1	< 1.0	0.4	< 0.68	0.55
PCB28	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	< 0.50
PCB31	< 0.57	< 1.2	< 1.7	< 0.79	< 0.93	< 1.1	< 1.0	< 0.40	< 0.68	< 0.50
PCB33	< 0.56	< 1.2	< 1.7	< 0.78	< 0.92	< 1.1	< 1.0	< 0.39	< 0.67	< 0.50
PCB44	0.59	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	0.58
PCB49	0.61	< 1.2	< 1.7	< 0.79	< 0.94	< 1.1	< 1.0	0.44	< 0.68	0.66
PCB52	2	< 1.2	< 1.7	1.6	< 0.93	< 1.1	< 1.0	1.6	< 0.68	2.5
PCB66	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	< 0.50
PCB70	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	< 0.50
PCB74	< 0.57	< 1.2	< 1.7	< 0.79	< 0.93	< 1.1	< 1.0	< 0.40	< 0.68	0.59
PCB82	< 0.56	< 1.2	< 1.7	< 0.78	< 0.92	< 1.1	< 1.0	< 0.39	< 0.67	< 0.50
PCB87	< 0.57	< 1.2	< 1.7	< 0.79	< 0.93	< 1.1	< 1.0	< 0.40	< 0.68	0.59
PCB95	1.5	< 1.2	< 1.7	1.2	< 0.93	< 1.1	< 1.0	1.2	< 0.68	1.9
PCB99	1.4	< 1.2	< 1.7	1	< 0.94	< 1.1	< 1.0	0.81	< 0.68	1.4
PCB101	1.8	< 1.2	< 1.7	1.2	< 0.93	< 1.1	< 1.0	1.3	< 0.68	2.1
PCB105	< 0.57	< 1.2	< 1.7	< 0.79	< 0.93	< 1.1	< 1.0	< 0.40	< 0.68	< 0.50
PCB110	0.91	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	0.66	< 0.68	1
PCB118	1.5	< 1.2	< 1.7	1	< 0.93	< 1.1	< 1.0	0.76	< 0.68	1.2
PCB128	< 0.57	< 1.2	< 1.7	< 0.79	< 0.93	< 1.1	< 1.0	< 0.40	< 0.68	< 0.50
PCB138	1.8	< 1.2	< 1.7	1.5	< 0.94	< 1.1	< 1.0	1.2	< 0.68	2
PCB149	1.3	< 1.2	< 1.7	1.1	< 0.93	< 1.1	< 1.0	0.91	< 0.68	1.6
PCB151	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	0.54
PCB153	2.4	1.3	< 1.7	1.9	< 0.93	1.1	< 1.0	1.5	< 0.68	2.7
PCB156	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	< 0.50
PCB158	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	< 0.50
PCB170	< 0.57	< 1.2	< 1.7	< 0.79	< 0.94	< 1.1	< 1.0	< 0.40	< 0.68	< 0.51
PCB171	< 0.57	< 1.2	< 1.7	< 0.79	< 0.94	< 1.1	< 1.0	< 0.40	< 0.68	< 0.51
PCB177	< 0.57	< 1.2	< 1.7	< 0.79	< 0.94	< 1.1	< 1.0	< 0.40	< 0.68	< 0.50
PCB180	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	< 0.50
PCB183	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	< 0.50
PCB187	< 0.57	< 1.2	< 1.7	< 0.79	< 0.93	< 1.1	< 1.0	< 0.40	< 0.68	0.57
PCB191	< 0.57	< 1.2	< 1.7	< 0.79	< 0.94	< 1.1	< 1.0	< 0.40	< 0.68	< 0.50
PCB194	< 0.57	< 1.2	< 1.7	< 0.79	< 0.93	< 1.1	< 1.0	< 0.40	< 0.68	< 0.50
PCB195	< 0.57	< 1.2	< 1.7	< 0.79	< 0.93	< 1.1	< 1.0	< 0.40	< 0.68	< 0.50
PCB205	< 0.57	< 1.2	< 1.7	< 0.79	< 0.93	< 1.1	< 1.0	< 0.40	< 0.68	< 0.50
PCB206	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	< 0.50
PCB208	< 0.57	< 1.2	< 1.7	< 0.79	< 0.93	< 1.1	< 1.0	< 0.40	< 0.68	< 0.50
PCB209	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	< 0.50
PBDE28	< 0.56	< 1.2	< 1.7	< 0.78	< 0.92	< 1.1	< 1.0	< 0.39	< 0.67	< 0.50
PBDE47	< 0.57	< 1.2	< 1.7	< 0.79	< 0.94	< 1.1	< 1.0	< 0.40	< 0.68	< 0.50
PBDE49	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	< 0.50
PBDE66	< 0.57	< 1.2	< 1.7	< 0.79	< 0.94	< 1.1	< 1.0	< 0.40	< 0.68	< 0.50
PBDE85	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	< 0.50
PBDE99	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	< 0.50
PBDE100	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	< 0.50
PBDE153	< 0.56	< 1.2	< 1.7	< 0.78	< 0.93	< 1.1	< 1.0	< 0.39	< 0.68	< 0.50
PBDE154	< 0.57	< 1.2	< 1.7	< 0.79	< 0.93	< 1.1	< 1.0	< 0.40	< 0.68	< 0.50
PBDE155	< 0.57	< 1.2	< 1.7	< 0.79	< 0.93	< 1.1	< 1.0	< 0.40	< 0.68	< 0.50
PBDE183	< 0.57	< 1.2	< 1.7	< 0.79	< 0.93	< 1.1	< 1.0	< 0.40	< 0.68	< 0.50

Extract ID	59-6553	59-6554	59-6555	59-6560	59-6561	59-6563	59-6564	59-6565	59-6566	59-6567
% Lipid	7	31	12	37	18	21	7	33	4	14
PCB17	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.84	< 0.82	< 0.51	< 1.1	< 0.59
PCB18	< 1.9	< 1.0	< 1.3	< 1.0	< 1.6	< 0.85	< 0.82	< 0.52	< 1.1	< 0.60
PCB28	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.85	< 0.82	< 0.52	< 1.1	< 0.60
PCB31	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.85	< 0.82	< 0.52	< 1.1	< 0.60
PCB33	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.84	< 0.82	< 0.51	< 1.1	< 0.59
PCB44	< 1.9	< 0.99	< 1.3	1	< 1.6	< 0.84	< 0.82	< 0.52	< 1.1	< 0.60
PCB49	< 1.9	< 1.0	< 1.4	1.6	< 1.7	< 0.85	< 0.83	< 0.52	< 1.1	< 0.60
PCB52	2	2.1	< 1.3	5.9	1.7	2.4	< 0.83	1.4	< 1.1	0.71
PCB66	< 1.9	< 0.99	< 1.3	1.6	< 1.6	< 0.85	< 0.82	< 0.52	< 1.1	< 0.60
PCB70	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.85	< 0.82	< 0.52	< 1.1	< 0.60
PCB74	< 1.9	< 0.99	< 1.3	2	< 1.6	0.88	< 0.82	< 0.52	< 1.1	< 0.60
PCB82	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.84	< 0.82	< 0.51	< 1.1	< 0.59
PCB87	< 1.9	< 1.0	< 1.3	1.2	< 1.6	< 0.85	< 0.83	< 0.52	< 1.1	< 0.60
PCB95	2.2	1.6	< 1.3	4.4	< 1.6	2.1	< 0.82	0.95	< 1.1	< 0.60
PCB99	< 1.9	1.3	< 1.3	5.6	1.8	3.2	< 0.83	0.73	< 1.1	< 0.60
PCB101	2	1.8	< 1.3	6.4	2.2	3.9	< 0.83	1.1	< 1.1	0.65
PCB105	< 1.9	< 1.0	< 1.3	2.3	< 1.6	1.3	< 0.82	< 0.52	< 1.1	< 0.60
PCB110	2.4	1	< 1.3	2.5	< 1.6	1.4	< 0.82	0.53	< 1.1	< 0.60
PCB118	< 1.9	1.3	< 1.3	6.1	2.3	3.6	< 0.82	0.67	< 1.1	< 0.60
PCB128	< 1.9	< 1.0	< 1.3	1.6	< 1.6	1.2	< 0.83	< 0.52	< 1.1	< 0.60
PCB138	< 1.9	1.9	< 1.4	12	3.9	8.5	< 0.83	1	< 1.1	0.67
PCB149	< 1.9	1.6	< 1.3	5.8	2	3.8	< 0.82	0.83	< 1.1	< 0.59
PCB151	< 1.9	< 0.99	< 1.3	1.7	< 1.6	1.2	< 0.82	< 0.51	< 1.1	< 0.59
PCB153	< 1.9	2.5	1.6	14	4.4	11	< 0.83	1.3	< 1.1	0.8
PCB156	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.85	< 0.82	< 0.52	< 1.1	< 0.60
PCB158	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.85	< 0.82	< 0.52	< 1.1	< 0.60
PCB170	< 1.9	< 1.0	< 1.4	1.4	< 1.7	1.3	< 0.83	< 0.52	< 1.1	< 0.60
PCB171	< 1.9	< 1.0	< 1.4	< 1.0	< 1.7	< 0.86	< 0.83	< 0.52	< 1.1	< 0.60
PCB177	< 1.9	< 1.0	< 1.3	1.4	< 1.7	1.4	< 0.83	< 0.52	< 1.1	< 0.60
PCB180	< 1.9	< 0.99	< 1.3	4.1	< 1.6	4.3	< 0.82	< 0.52	< 1.1	< 0.60
PCB183	< 1.9	< 0.99	< 1.3	1.5	< 1.6	1.8	< 0.82	< 0.52	< 1.1	< 0.60
PCB187	< 1.9	< 0.99	< 1.3	4.5	< 1.6	4.9	< 0.82	< 0.52	< 1.1	< 0.60
PCB191	< 1.9	< 1.0	< 1.3	< 1.0	< 1.7	< 0.85	< 0.83	< 0.52	< 1.1	< 0.60
PCB194	< 1.9	< 1.0	< 1.3	< 1.0	< 1.6	0.9	< 0.83	< 0.52	< 1.1	< 0.60
PCB195	< 1.9	< 1.0	< 1.3	< 1.0	< 1.6	< 0.85	< 0.83	< 0.52	< 1.1	< 0.60
PCB205	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.85	< 0.82	< 0.52	< 1.1	< 0.60
PCB206	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.84	< 0.82	< 0.51	< 1.1	< 0.59
PCB208	< 1.9	< 1.0	< 1.3	< 1.0	< 1.6	< 0.85	< 0.83	< 0.52	< 1.1	< 0.60
PCB209	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.85	< 0.82	< 0.52	< 1.1	< 0.60
PBDE28	< 1.9	< 0.98	< 1.3	< 1.0	< 1.6	< 0.84	< 0.81	< 0.51	< 1.1	< 0.59
PBDE47	< 1.9	< 1.0	< 1.3	18	5.4	11	< 0.82	< 0.52	< 1.1	< 0.60
PBDE49	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.84	< 0.82	< 0.51	< 1.1	< 0.59
PBDE66	< 1.9	< 1.0	< 1.3	< 1.0	< 1.6	< 0.85	< 0.82	< 0.52	< 1.1	< 0.60
PBDE85	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.84	< 0.82	< 0.51	< 1.1	< 0.59
PBDE99	< 1.9	< 0.99	< 1.3	5.7	2.3	6.3	< 0.82	< 0.51	< 1.1	< 0.59
PBDE100	< 1.9	< 0.99	< 1.3	1.9	< 1.6	1.7	< 0.82	< 0.51	< 1.1	< 0.59
PBDE153	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.84	< 0.82	< 0.51	< 1.1	< 0.59
PBDE154	< 1.9	< 0.99	< 1.3	< 1.0	< 1.6	< 0.85	< 0.82	< 0.52	< 1.1	< 0.60
PBDE155	< 1.9	< 1.0	< 1.3	< 1.0	< 1.6	< 0.85	< 0.82	< 0.52	< 1.1	< 0.60
PBDE183	< 1.9	< 1.0	< 1.3	< 1.0	< 1.6	< 0.85	< 0.82	< 0.52	< 1.1	< 0.60

Extract ID	59-6570	59-6571	59-6572	59-6577	59-6578	59-6579	59-6581	59-6582	59-6583	59-6584
% Lipid	19	10	7	54	16	27	19	48	24	3
PCB17	< 1.3	< 0.91	< 1.6	< 0.67	< 1.6	< 1.4	< 0.93	< 0.74	< 1.1	< 2.2
PCB18	< 1.3	< 0.91	< 1.6	< 0.67	< 1.7	< 1.4	< 0.94	< 0.75	< 1.1	< 2.2
PCB28	< 1.3	< 0.91	< 1.6	1	< 1.6	< 1.4	< 0.93	0.8	< 1.1	< 2.2
PCB31	< 1.3	< 0.91	< 1.6	< 0.67	< 1.6	< 1.4	< 0.94	< 0.75	< 1.1	< 2.2
PCB33	< 1.3	< 0.90	< 1.6	< 0.67	< 1.6	< 1.4	< 0.93	< 0.74	< 1.1	< 2.2
PCB44	< 1.3	< 0.91	< 1.6	1.3	< 1.6	< 1.4	< 0.93	1.2	< 1.1	< 2.2
PCB49	< 1.3	< 0.92	< 1.6	4.5	< 1.7	< 1.4	< 0.94	3.4	< 1.1	< 2.2
PCB52	< 1.3	< 0.91	2.3	20	4.8	< 1.4	< 0.94	15	6.7	< 2.2
PCB66	< 1.3	< 0.91	< 1.6	2.1	< 1.6	< 1.4	< 0.93	1.4	< 1.1	< 2.2
PCB70	< 1.3	< 0.91	< 1.6	< 0.67	< 1.6	< 1.4	< 0.93	< 0.74	< 1.1	< 2.2
PCB74	< 1.3	< 0.91	< 1.6	6.5	1.8	< 1.4	< 0.93	4.7	2.4	< 2.2
PCB82	< 1.3	< 0.90	< 1.6	< 0.67	< 1.6	< 1.4	< 0.93	< 0.74	< 1.1	< 2.2
PCB87	< 1.3	< 0.91	< 1.6	3	< 1.7	< 1.4	< 0.94	2.3	< 1.1	< 2.2
PCB95	< 1.3	< 0.91	2.5	13	3	< 1.4	< 0.93	10	4.7	< 2.2
PCB99	< 1.3	< 0.92	< 1.6	22	4.8	< 1.4	< 0.94	15	7.1	< 2.2
PCB101	< 1.3	< 0.91	2.2	21	5	< 1.4	< 0.94	15	6.6	< 2.2
PCB105	< 1.3	< 0.91	< 1.6	4.3	< 1.7	< 1.4	< 0.94	2.9	2.1	< 2.2
PCB110	< 1.3	< 0.91	2.1	4.2	< 1.6	< 1.4	< 0.93	2.9	1.9	< 2.2
PCB118	< 1.3	< 0.91	< 1.6	18	5.4	< 1.4	< 0.93	12	7.4	< 2.2
PCB128	< 1.3	< 0.91	< 1.6	3.3	< 1.7	< 1.4	< 0.94	2.2	1.4	< 2.2
PCB138	< 1.3	< 0.92	< 1.6	34	9.3	< 1.4	< 0.94	23	13	< 2.2
PCB149	< 1.3	< 0.91	< 1.6	29	5.1	< 1.4	< 0.93	15	7	< 2.2
PCB151	< 1.3	< 0.91	< 1.6	5.5	< 1.6	< 1.4	< 0.93	4.2	1.8	< 2.2
PCB153	< 1.3	< 0.91	< 1.6	45	12	< 1.4	< 0.94	32	17	< 2.2
PCB156	< 1.3	< 0.91	< 1.6	1.4	< 1.6	< 1.4	< 0.93	0.96	< 1.1	< 2.2
PCB158	< 1.3	< 0.91	< 1.6	2.1	< 1.6	< 1.4	< 0.93	1.3	< 1.1	< 2.2
PCB170	< 1.3	< 0.92	< 1.6	3.4	< 1.7	< 1.4	< 0.94	2.3	< 1.1	< 2.2
PCB171	< 1.3	< 0.92	< 1.6	1.2	< 1.7	< 1.4	< 0.94	0.81	< 1.1	< 2.2
PCB177	< 1.3	< 0.92	< 1.6	3.4	< 1.7	< 1.4	< 0.94	2.2	1.2	< 2.2
PCB180	< 1.3	< 0.91	< 1.6	9.2	3.1	< 1.4	< 0.93	5.9	3.9	< 2.2
PCB183	< 1.3	< 0.91	< 1.6	3.9	< 1.6	< 1.4	< 0.93	2.6	1.4	< 2.2
PCB187	< 1.3	< 0.91	< 1.6	13	3.4	< 1.4	< 0.94	8.8	4.3	< 2.2
PCB191	< 1.3	< 0.92	< 1.6	< 0.68	< 1.7	< 1.4	< 0.94	< 0.75	< 1.1	< 2.2
PCB194	< 1.3	< 0.91	< 1.6	1.3	< 1.7	< 1.4	< 0.94	< 0.75	< 1.1	< 2.2
PCB195	< 1.3	< 0.91	< 1.6	< 0.67	< 1.7	< 1.4	< 0.94	< 0.75	< 1.1	< 2.2
PCB205	< 1.3	< 0.91	< 1.6	< 0.67	< 1.6	< 1.4	< 0.94	< 0.75	< 1.1	< 2.2
PCB206	< 1.3	< 0.91	< 1.6	0.7	< 1.6	< 1.4	< 0.93	< 0.74	< 1.1	< 2.2
PCB208	< 1.3	< 0.91	< 1.6	< 0.67	< 1.7	< 1.4	< 0.94	< 0.75	< 1.1	< 2.2
PCB209	< 1.3	< 0.91	< 1.6	< 0.67	< 1.6	< 1.4	< 0.93	< 0.74	< 1.1	< 2.2
PBDE28	< 1.3	< 0.90	< 1.6	< 0.67	< 1.6	< 1.4	< 0.93	< 0.74	< 1.1	< 2.2
PBDE47	< 1.3	< 0.91	< 1.6	21	12	< 1.4	< 0.94	9.5	16	< 2.2
PBDE49	< 1.3	< 0.91	< 1.6	< 0.67	< 1.6	< 1.4	< 0.93	< 0.75	< 1.1	< 2.2
PBDE66	< 1.3	< 0.91	< 1.6	< 0.68	< 1.7	< 1.4	< 0.94	< 0.75	< 1.1	< 2.2
PBDE85	< 1.3	< 0.91	< 1.6	< 0.67	< 1.6	< 1.4	< 0.93	< 0.74	< 1.1	< 2.2
PBDE99	< 1.3	< 0.90	< 1.6	15	2.8	< 1.4	< 0.93	4.9	4.2	< 2.2
PBDE100	< 1.3	< 0.91	< 1.6	5.3	< 1.6	< 1.4	< 0.93	2	1.6	< 2.2
PBDE153	< 1.3	< 0.90	< 1.6	2.1	< 1.6	< 1.4	< 0.93	< 0.74	< 1.1	< 2.2
PBDE154	< 1.3	< 0.91	< 1.6	2.4	< 1.6	< 1.4	< 0.94	0.83	< 1.1	< 2.2
PBDE155	< 1.3	< 0.91	< 1.6	< 0.67	< 1.7	< 1.4	< 0.94	< 0.75	< 1.1	< 2.2
PBDE183	< 1.3	< 0.91	< 1.6	< 0.67	< 1.7	< 1.4	< 0.94	< 0.75	< 1.1	< 2.2

Extract ID	59-6585	59-6586	59-6587	59-6588	59-6589	59-6594	59-6596	59-6597	59-6598	59-6599
% Lipid	14	26	26	17	6	38	11	30	18	50
PCB17	< 0.99	< 1.2	< 0.74	< 0.96	< 1.1	< 0.53	< 0.56	< 0.52	< 0.51	< 0.68
PCB18	< 1.0	< 1.2	< 0.75	< 0.97	< 1.1	< 0.53	< 0.56	< 0.53	< 0.52	< 0.69
PCB28	< 1.0	< 1.2	< 0.74	< 0.97	< 1.1	< 0.53	< 0.56	< 0.53	< 0.51	0.83
PCB31	< 1.0	< 1.2	< 0.74	< 0.97	< 1.1	< 0.53	< 0.56	< 0.53	< 0.52	< 0.69
PCB33	< 0.99	< 1.2	< 0.74	< 0.96	< 1.1	< 0.53	< 0.55	< 0.52	< 0.51	< 0.68
PCB44	< 1.0	< 1.2	< 0.74	< 0.97	< 1.1	< 0.53	< 0.56	< 0.52	0.52	1.2
PCB49	< 1.0	< 1.2	< 0.75	< 0.98	< 1.1	0.55	< 0.56	0.54	0.75	1.6
PCB52	< 1.0	9.1	4.3	< 0.97	< 1.1	1.8	0.69	1.8	2.1	4.6
PCB66	< 1.0	1.7	0.75	< 0.97	< 1.1	< 0.53	< 0.56	< 0.52	0.66	1.6
PCB70	< 1.0	< 1.2	< 0.74	< 0.97	< 1.1	< 0.53	< 0.56	< 0.52	< 0.51	< 0.69
PCB74	< 1.0	3.4	1.6	< 0.97	< 1.1	< 0.53	< 0.56	< 0.53	0.52	1.3
PCB82	< 0.99	< 1.2	< 0.74	< 0.96	< 1.1	< 0.53	< 0.55	< 0.52	< 0.51	< 0.68
PCB87	< 1.0	1.6	< 0.75	< 0.97	< 1.1	< 0.54	< 0.56	< 0.53	0.59	1.3
PCB95	< 1.0	6.1	2.9	< 0.97	< 1.1	1.3	0.57	1.4	1.8	3.8
PCB99	< 1.0	10	4.7	< 0.97	< 1.1	1	< 0.56	1.3	2.1	4.7
PCB101	< 1.0	9.6	4.4	< 0.97	< 1.1	1.6	0.71	1.8	2.8	6.1
PCB105	< 1.0	3.2	1.4	< 0.97	< 1.1	< 0.53	< 0.56	< 0.53	0.98	2
PCB110	< 1.0	2.4	1	< 0.97	< 1.1	0.85	< 0.56	1.1	1.4	3.1
PCB118	< 1.0	11	4.9	< 0.97	< 1.1	0.88	< 0.56	1.4	2.5	5.4
PCB128	< 1.0	2.1	0.86	< 0.97	< 1.1	< 0.54	< 0.56	< 0.53	0.68	1.4
PCB138	< 1.0	20	9.6	< 0.98	< 1.1	1.4	0.73	2.2	4.8	10
PCB149	< 1.0	9.2	4.4	< 0.97	< 1.1	1	< 0.56	1.6	2.5	5.2
PCB151	< 1.0	2.6	1.3	< 0.97	< 1.1	< 0.53	< 0.56	< 0.52	0.68	1.5
PCB153	< 1.0	26	13	< 0.97	< 1.1	1.8	0.86	2.8	6.1	13
PCB156	< 1.0	< 1.2	< 0.74	< 0.97	< 1.1	< 0.53	< 0.56	< 0.53	< 0.51	< 0.69
PCB158	< 1.0	1.3	< 0.74	< 0.97	< 1.1	< 0.53	< 0.56	< 0.52	< 0.51	< 0.69
PCB170	< 1.0	1.8	0.94	< 0.98	< 1.1	< 0.54	< 0.56	< 0.53	0.74	1.5
PCB171	< 1.0	< 1.2	< 0.75	< 0.98	< 1.1	< 0.54	< 0.56	< 0.53	< 0.52	< 0.70
PCB177	< 1.0	1.7	0.89	< 0.97	< 1.1	< 0.54	< 0.56	< 0.53	0.59	1.2
PCB180	< 1.0	6.2	3.2	< 0.97	< 1.1	< 0.53	< 0.56	< 0.53	2	4.5
PCB183	< 1.0	2.3	1.2	< 0.97	< 1.1	< 0.53	< 0.56	< 0.52	0.65	1.5
PCB187	< 1.0	6.8	3.4	< 0.97	< 1.1	< 0.53	< 0.56	0.65	2	4.3
PCB191	< 1.0	< 1.2	< 0.75	< 0.97	< 1.1	< 0.54	< 0.56	< 0.53	< 0.52	< 0.69
PCB194	< 1.0	< 1.2	< 0.75	< 0.97	< 1.1	< 0.54	< 0.56	< 0.53	< 0.52	< 0.69
PCB195	< 1.0	< 1.2	< 0.75	< 0.97	< 1.1	< 0.54	< 0.56	< 0.53	< 0.52	< 0.69
PCB205	< 1.0	< 1.2	< 0.74	< 0.97	< 1.1	< 0.53	< 0.56	< 0.53	< 0.52	< 0.69
PCB206	< 1.0	< 1.2	< 0.74	< 0.97	< 1.1	< 0.53	< 0.56	< 0.52	< 0.51	< 0.69
PCB208	< 1.0	< 1.2	< 0.75	< 0.97	< 1.1	< 0.54	< 0.56	< 0.53	< 0.52	< 0.69
PCB209	< 1.0	< 1.2	< 0.74	< 0.97	< 1.1	< 0.53	< 0.56	< 0.53	< 0.51	< 0.69
PBDE28	< 0.99	< 1.2	< 0.74	< 0.96	< 1.1	< 0.53	< 0.55	< 0.52	< 0.51	< 0.68
PBDE47	< 1.0	26	11	< 0.98	< 1.1	< 0.54	< 0.56	< 0.53	7.8	17
PBDE49	< 1.0	< 1.2	< 0.74	< 0.97	< 1.1	< 0.53	< 0.56	< 0.53	< 0.51	1.2
PBDE66	< 1.0	< 1.2	< 0.75	< 0.98	< 1.1	< 0.54	< 0.56	< 0.53	< 0.52	< 0.69
PBDE85	< 1.0	< 1.2	< 0.74	< 0.97	< 1.1	< 0.53	< 0.56	< 0.52	< 0.51	< 0.69
PBDE99	< 1.0	8.3	4	< 0.97	< 1.1	< 0.53	< 0.56	< 0.52	2.6	6.5
PBDE100	< 1.0	2.8	1.2	< 0.97	< 1.1	< 0.53	< 0.56	< 0.52	1.6	3.2
PBDE153	< 1.0	< 1.2	< 0.74	< 0.97	< 1.1	< 0.53	< 0.56	< 0.52	< 0.51	< 0.69
PBDE154	< 1.0	< 1.2	< 0.74	< 0.97	< 1.1	< 0.53	< 0.56	< 0.53	< 0.51	0.88
PBDE155	< 1.0	< 1.2	< 0.75	< 0.97	< 1.1	< 0.53	< 0.56	< 0.53	< 0.52	< 0.69
PBDE183	< 1.0	< 1.2	< 0.75	< 0.97	< 1.1	< 0.53	< 0.56	< 0.53	< 0.52	< 0.69

Extract ID	59-6600	59-6601	59-6602	59-6603	59-6604	59-6605	59-6607	59-6611	59-6612	59-6613
% Lipid	25	18	19	14	50	20	13	11	32	14
PCB17	< 0.82	< 0.90	< 0.72	< 0.84	< 0.47	< 0.43	< 0.87	< 0.75	< 2.2	< 1.5
PCB18	< 0.83	< 0.90	< 0.73	< 0.84	< 0.48	< 0.44	< 0.88	< 0.75	< 2.2	< 1.5
PCB28	< 0.83	< 0.90	< 0.72	< 0.84	0.88	< 0.43	< 0.87	< 0.75	< 2.2	< 1.5
PCB31	< 0.83	< 0.90	< 0.73	< 0.84	< 0.48	< 0.43	< 0.88	< 0.75	< 2.2	< 1.5
PCB33	< 0.82	< 0.89	< 0.72	< 0.84	< 0.47	< 0.43	< 0.87	< 0.74	< 2.2	< 1.5
PCB44	< 0.82	< 0.90	< 0.72	< 0.84	1.4	< 0.43	< 0.87	< 0.75	< 2.2	< 1.5
PCB49	< 0.83	< 0.91	< 0.73	< 0.85	2.9	< 0.44	< 0.88	< 0.76	< 2.2	< 1.5
PCB52	2.8	< 0.90	1.5	< 0.85	16	1	2.7	< 0.75	6.4	< 1.5
PCB66	< 0.83	< 0.90	< 0.72	< 0.84	3.1	< 0.43	< 0.87	< 0.75	< 2.2	< 1.5
PCB70	< 0.83	< 0.90	< 0.72	< 0.84	< 0.47	< 0.43	< 0.87	< 0.75	< 2.2	< 1.5
PCB74	0.92	< 0.90	< 0.72	< 0.84	5.4	< 0.43	0.88	< 0.75	2.4	< 1.5
PCB82	< 0.82	< 0.89	< 0.72	< 0.84	0.57	< 0.43	< 0.87	< 0.74	< 2.2	< 1.5
PCB87	< 0.83	< 0.90	< 0.73	< 0.85	2.4	< 0.44	< 0.88	< 0.75	< 2.2	< 1.5
PCB95	1.9	< 0.90	1.4	< 0.84	12	0.8	1.7	< 0.75	4.4	< 1.5
PCB99	2.8	< 0.91	1.5	< 0.85	18	0.7	2.6	< 0.75	6.3	< 1.5
PCB101	3.1	1.1	2	< 0.85	19	1.2	2.6	< 0.75	5.3	< 1.5
PCB105	1.1	< 0.90	< 0.73	< 0.84	5.3	< 0.44	< 0.88	< 0.75	< 2.2	< 1.5
PCB110	1.3	< 0.90	1.1	< 0.84	4.7	0.55	0.96	< 0.75	< 2.2	< 1.5
PCB118	3.2	< 0.90	1.7	< 0.84	17	0.7	2.6	< 0.75	5.5	< 1.5
PCB128	< 0.83	< 0.90	< 0.73	< 0.85	4.1	< 0.44	< 0.88	< 0.75	< 2.2	< 1.5
PCB138	6.8	1.6	3.6	< 0.85	32	1.3	4.5	0.85	7.4	< 1.5
PCB149	3.1	0.93	1.8	< 0.84	19	0.83	2.3	< 0.75	5.2	< 1.5
PCB151	< 0.82	< 0.90	< 0.72	< 0.84	5.4	< 0.43	< 0.87	< 0.75	< 2.2	< 1.5
PCB153	8.7	2.1	4.4	0.94	45	1.6	6.2	0.93	9.8	< 1.5
PCB156	< 0.83	< 0.90	< 0.72	< 0.84	1.8	< 0.43	< 0.87	< 0.75	< 2.2	< 1.5
PCB158	< 0.83	< 0.90	< 0.72	< 0.84	2.3	< 0.43	< 0.87	< 0.75	< 2.2	< 1.5
PCB170	0.95	< 0.91	0.76	< 0.85	2.8	< 0.44	< 0.88	< 0.76	< 2.2	< 1.5
PCB171	< 0.83	< 0.91	< 0.73	< 0.85	1.3	< 0.44	< 0.88	< 0.76	< 2.2	< 1.5
PCB177	< 0.83	< 0.91	< 0.73	< 0.85	2.8	< 0.44	< 0.88	< 0.75	< 2.2	< 1.5
PCB180	2.8	1.4	1.4	< 0.84	9.1	< 0.43	1.3	< 0.75	< 2.2	< 1.5
PCB183	0.99	< 0.90	< 0.72	< 0.84	3.5	< 0.43	< 0.87	< 0.75	< 2.2	< 1.5
PCB187	2.6	< 0.90	1.5	< 0.84	9.8	0.75	1.7	< 0.75	< 2.2	< 1.5
PCB191	< 0.83	< 0.91	< 0.73	< 0.85	0.56	< 0.44	< 0.88	< 0.75	< 2.2	< 1.5
PCB194	< 0.83	1.7	< 0.73	< 0.85	0.71	< 0.44	< 0.88	< 0.75	< 2.2	< 1.5
PCB195	< 0.83	< 0.90	< 0.73	< 0.85	< 0.48	< 0.44	< 0.88	< 0.75	< 2.2	< 1.5
PCB205	< 0.83	< 0.90	< 0.73	< 0.84	< 0.48	< 0.43	< 0.88	< 0.75	< 2.2	< 1.5
PCB206	< 0.82	2.1	< 0.72	< 0.84	< 0.47	< 0.43	< 0.87	< 0.75	< 2.2	< 1.5
PCB208	< 0.83	< 0.90	< 0.73	< 0.85	< 0.48	< 0.44	< 0.88	< 0.75	< 2.2	< 1.5
PCB209	< 0.83	< 0.90	< 0.72	< 0.84	< 0.47	< 0.43	< 0.87	< 0.75	< 2.2	< 1.5
PBDE28	< 0.82	< 0.89	< 0.72	< 0.84	0.65	< 0.43	< 0.87	< 0.74	< 2.2	< 1.5
PBDE47	7.8	1.6	3.9	< 0.85	47	0.47	7.7	< 0.75	< 2.2	< 1.5
PBDE49	< 0.83	< 0.90	< 0.72	< 0.84	0.69	< 0.43	< 0.87	< 0.75	< 2.2	< 1.5
PBDE66	< 0.83	< 0.91	< 0.73	< 0.85	0.97	< 0.44	< 0.88	< 0.75	< 2.2	< 1.5
PBDE85	< 0.83	< 0.90	< 0.72	< 0.84	< 0.47	< 0.43	< 0.87	< 0.75	< 2.2	< 1.5
PBDE99	3.7	2	1.9	< 0.84	17	< 0.43	3	< 0.75	< 2.2	< 1.5
PBDE100	1.3	2	1	< 0.84	8.2	< 0.43	1.2	< 0.75	< 2.2	< 1.5
PBDE153	< 0.82	< 0.90	< 0.72	< 0.84	1.2	< 0.43	< 0.87	< 2.1	< 6.1	< 4.2
PBDE154	< 0.83	< 0.90	< 0.73	< 0.84	1.2	< 0.43	< 0.87	< 0.75	< 2.2	< 1.5
PBDE155	< 0.83	< 0.90	< 0.73	< 0.84	< 0.48	< 0.44	< 0.88	< 0.75	< 2.2	< 1.5
PBDE183	< 0.83	< 0.90	< 0.73	< 0.84	< 0.48	< 0.44	< 0.88	< 0.75	< 2.2	< 1.5

Extract ID	59-6614	59-6615	59-6616	59-6617	59-6618	59-6619	59-6620	59-6621	59-6622	59-6623
% Lipid	18	26	27	6	25	14	13	34	25	20
PCB17	< 0.83	< 1.2	< 0.80	< 1.3	< 0.79	< 1.6	< 1.2	< 1.3	< 0.89	< 0.91
PCB18	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92
PCB28	< 0.84	< 1.2	< 0.80	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.91
PCB31	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92
PCB33	< 0.83	< 1.2	< 0.80	< 1.3	< 0.79	< 1.6	< 1.2	< 1.3	< 0.89	< 0.91
PCB44	< 0.84	< 1.2	< 0.80	< 1.3	< 0.79	< 1.6	< 1.2	< 1.3	< 0.90	< 0.91
PCB49	< 0.85	< 1.2	1.1	< 1.3	< 0.80	< 1.7	< 1.2	< 1.3	< 0.91	< 0.92
PCB52	< 0.84	1.6	4.4	< 1.3	1.8	< 1.6	1.7	4.1	1.1	1
PCB66	< 0.84	< 1.2	< 0.80	< 1.3	< 0.79	< 1.6	< 1.2	< 1.3	< 0.90	< 0.91
PCB70	< 0.84	< 1.2	< 0.80	< 1.3	< 0.79	< 1.6	< 1.2	< 1.3	< 0.90	< 0.91
PCB74	< 0.84	< 1.2	1.3	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92
PCB82	< 0.83	< 1.2	< 0.80	< 1.3	< 0.79	< 1.6	< 1.2	< 1.3	< 0.89	< 0.91
PCB87	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92
PCB95	< 0.84	< 1.2	2.9	< 1.3	1.3	< 1.6	1.3	2.9	< 0.90	< 0.91
PCB99	< 0.84	< 1.2	3.2	< 1.3	1.2	< 1.7	1.7	2.3	< 0.90	< 0.92
PCB101	< 0.84	1.2	3.3	< 1.3	1.5	< 1.6	1.6	2.7	0.98	< 0.92
PCB105	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92
PCB110	< 0.84	< 1.2	0.82	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.91
PCB118	< 0.84	< 1.2	2.8	< 1.3	1.2	< 1.6	1.7	2.2	0.91	< 0.91
PCB128	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92
PCB138	< 0.85	1.4	3.6	< 1.3	1.7	< 1.7	3	3.2	1.3	1
PCB149	< 0.84	1.2	2.7	< 1.3	1.4	< 1.6	2	2.5	< 0.90	< 0.91
PCB151	< 0.84	< 1.2	< 0.80	< 1.3	< 0.79	< 1.6	< 1.2	< 1.3	< 0.90	< 0.91
PCB153	< 0.84	1.9	5	< 1.3	2.3	< 1.6	4.1	4	1.5	1.1
PCB156	< 0.84	< 1.2	< 0.80	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.91
PCB158	< 0.84	< 1.2	< 0.80	< 1.3	< 0.79	< 1.6	< 1.2	< 1.3	< 0.90	< 0.91
PCB170	< 0.85	< 1.2	< 0.81	< 1.3	< 0.80	< 1.7	< 1.2	< 1.3	< 0.91	< 0.92
PCB171	< 0.85	< 1.2	< 0.81	< 1.3	< 0.80	< 1.7	< 1.2	< 1.3	< 0.91	< 0.92
PCB177	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.7	< 1.2	< 1.3	< 0.90	< 0.92
PCB180	< 0.84	< 1.2	< 0.80	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.91
PCB183	< 0.84	< 1.2	< 0.80	< 1.3	< 0.79	< 1.6	< 1.2	< 1.3	< 0.90	< 0.91
PCB187	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92
PCB191	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.7	< 1.2	< 1.3	< 0.90	< 0.92
PCB194	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92
PCB195	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92
PCB205	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92
PCB206	< 0.84	< 1.2	< 0.80	< 1.3	< 0.79	< 1.6	< 1.2	< 1.3	< 0.90	< 0.91
PCB208	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92
PCB209	< 0.84	< 1.2	< 0.80	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.91
PBDE28	< 0.83	< 1.1	< 0.80	< 1.3	< 0.79	< 1.6	< 1.2	< 1.3	< 0.89	< 0.91
PBDE47	< 0.85	< 1.2	< 0.81	< 1.3	< 0.80	2.5	< 1.2	< 1.3	< 0.90	< 0.92
PBDE49	< 0.84	< 1.2	< 0.80	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92
PBDE66	< 0.85	< 1.2	< 0.81	< 1.3	< 0.80	< 1.7	< 1.2	< 1.3	< 0.90	< 0.92
PBDE85	< 0.84	< 1.2	< 0.80	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.91
PBDE99	< 0.84	< 1.2	< 0.80	< 1.3	< 0.79	10	< 1.2	< 1.3	< 0.90	< 0.91
PBDE100	< 0.84	< 1.2	< 0.80	< 1.3	< 0.80	2	< 1.2	< 1.3	< 0.90	< 0.91
PBDE153	< 2.3	< 3.2	< 2.2	< 3.6	< 2.2	< 4.6	< 3.3	< 3.7	< 2.5	< 2.5
PBDE154	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92
PBDE155	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92
PBDE183	< 0.84	< 1.2	< 0.81	< 1.3	< 0.80	< 1.6	< 1.2	< 1.3	< 0.90	< 0.92

Extract ID	59-6628	59-6629	59-6630	59-6631	59-6633	59-6634	59-6635	59-6636	59-6637	59-6638
% Lipid	15	4	14	18	26	39	6	13	16	25
PCB17	< 1.3	< 1.6	< 1.5	< 0.92	< 0.88	< 1.1	< 1.1	< 0.98	< 1.0	< 0.71
PCB18	< 1.3	< 1.6	< 1.6	< 0.93	< 0.89	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB28	< 1.3	< 1.6	< 1.6	< 0.92	< 0.89	< 1.1	< 1.1	< 0.98	< 1.0	< 0.72
PCB31	< 1.3	< 1.6	< 1.6	< 0.93	< 0.89	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB33	< 1.3	< 1.6	< 1.5	< 0.92	< 0.88	< 1.1	< 1.1	< 0.98	< 1.0	< 0.71
PCB44	< 1.3	< 1.6	< 1.6	< 0.92	< 0.89	< 1.1	< 1.1	< 0.98	< 1.0	< 0.71
PCB49	< 1.3	< 1.6	< 1.6	< 0.93	< 0.90	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB52	3.4	< 1.6	3.5	3.7	4.2	2.4	< 1.1	1.3	2.9	2.3
PCB66	< 1.3	< 1.6	< 1.6	< 0.92	< 0.89	< 1.1	< 1.1	< 0.98	< 1.0	< 0.72
PCB70	< 1.3	< 1.6	< 1.6	< 0.92	< 0.89	< 1.1	< 1.1	< 0.98	< 1.0	< 0.72
PCB74	< 1.3	< 1.6	< 1.6	1.4	1.5	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB82	< 1.3	< 1.6	< 1.5	< 0.92	< 0.88	< 1.1	< 1.1	< 0.98	< 1.0	< 0.71
PCB87	< 1.3	< 1.6	< 1.6	< 0.93	< 0.89	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB95	3.1	< 1.6	1.9	2.6	3.2	1.6	< 1.1	1.2	2.4	1.8
PCB99	3.9	2	5.2	3.6	6.5	1.8	< 1.1	1.1	2.4	1.4
PCB101	4.4	< 1.6	2.9	4.1	4.6	2.3	< 1.1	1.2	2.2	1.7
PCB105	< 1.3	< 1.6	< 1.6	1.3	1.4	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB110	1.3	< 1.6	< 1.6	1	0.95	1.1	< 1.1	< 0.98	< 1.0	0.76
PCB118	4.1	2.5	6	4.7	6.8	2.3	< 1.1	1.5	2.7	1.1
PCB128	< 1.3	< 1.6	< 1.6	< 0.93	1.1	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB138	9.4	4.7	12	8	14	3.9	< 1.1	2.2	4	2
PCB149	5.5	2	6.3	3.9	7.2	1.7	< 1.1	1.1	2.4	1.4
PCB151	1.9	< 1.6	< 1.6	1.1	1.6	< 1.1	< 1.1	< 0.98	< 1.0	< 0.71
PCB153	12	5.8	18	11	19	4.5	< 1.1	2.3	4.9	2.3
PCB156	< 1.3	< 1.6	< 1.6	< 0.92	< 0.89	< 1.1	< 1.1	< 0.98	< 1.0	< 0.72
PCB158	< 1.3	< 1.6	< 1.6	< 0.92	1.1	< 1.1	< 1.1	< 0.98	< 1.0	< 0.72
PCB170	1.3	< 1.6	< 1.6	< 0.93	2.2	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB171	< 1.3	< 1.6	< 1.6	< 0.93	< 0.90	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB177	1.3	< 1.6	< 1.6	< 0.93	1.7	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB180	3.9	< 1.6	4.1	2.6	5.3	< 1.1	< 1.1	< 0.98	< 1.0	< 0.72
PCB183	1.4	< 1.6	1.6	< 0.92	1.8	< 1.1	< 1.1	< 0.98	< 1.0	< 0.72
PCB187	4.2	1.8	4.6	2.8	5.5	1.2	< 1.1	< 0.99	1	< 0.72
PCB191	< 1.3	< 1.6	< 1.6	< 0.93	< 0.89	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB194	< 1.3	< 1.6	< 1.6	< 0.93	< 0.89	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB195	< 1.3	< 1.6	< 1.6	< 0.93	< 0.89	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB205	< 1.3	< 1.6	< 1.6	< 0.93	< 0.89	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB206	< 1.3	< 1.6	< 1.6	< 0.92	< 0.89	< 1.1	< 1.1	< 0.98	< 1.0	< 0.71
PCB208	< 1.3	< 1.6	< 1.6	< 0.93	< 0.89	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PCB209	< 1.3	< 1.6	< 1.6	< 0.92	< 0.89	< 1.1	< 1.1	< 0.98	< 1.0	< 0.72
PBDE28	< 1.3	< 1.6	< 1.5	< 0.92	< 0.88	< 1.1	< 1.1	< 0.98	< 1.0	< 0.71
PBDE47	11	4.9	11	11	14	3.7	< 1.1	1.4	< 1.0	< 0.72
PBDE49	< 1.3	< 1.6	< 1.6	< 0.92	< 0.89	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PBDE66	< 1.3	< 1.6	< 1.6	< 0.93	< 0.90	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PBDE85	< 1.3	< 1.6	< 1.6	< 0.92	< 0.89	< 1.1	< 1.1	< 0.98	< 1.0	< 0.72
PBDE99	4.2	3	9.6	6.6	7.8	2.4	< 1.1	1.1	< 1.0	< 0.71
PBDE100	1.9	< 1.6	1.6	2.1	2.3	< 1.1	< 1.1	< 0.98	< 1.0	< 0.72
PBDE153	< 3.8	< 4.7	< 4.5	< 2.7	< 2.6	< 3.1	< 3.2	< 2.9	< 3.0	< 2.1
PBDE154	< 1.3	< 1.6	< 1.6	< 0.93	1.1	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PBDE155	< 1.3	< 1.6	< 1.6	< 0.93	< 0.89	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72
PBDE183	< 1.3	< 1.6	< 1.6	< 0.93	< 0.89	< 1.1	< 1.1	< 0.99	< 1.0	< 0.72

Extract ID	59-6642	59-6645	59-6646	59-6647	59-6648	59-6649	59-6650	59-6651	59-6652	59-6653
% Lipid	32	4	16	7	25	17	17	20	8	30
PCB17	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.62	< 1.1	< 1.3	< 0.89	< 0.73
PCB18	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	< 0.74
PCB28	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	< 0.74
PCB31	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	< 0.74
PCB33	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.62	< 1.1	< 1.3	< 0.89	< 0.73
PCB44	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	< 0.73
PCB49	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.90	1.2
PCB52	3.1	< 2.1	5.4	< 1.0	< 1.2	0.85	< 1.1	5.3	< 0.90	10
PCB66	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	< 0.74
PCB70	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	< 0.74
PCB74	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	1.6	< 0.89	2.4
PCB82	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.62	< 1.1	< 1.3	< 0.89	< 0.73
PCB87	1.3	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.90	1
PCB95	2.9	< 2.1	3.6	< 1.0	< 1.2	< 0.63	< 1.1	3.9	< 0.89	7.3
PCB99	3.2	< 2.1	4	< 1.0	< 1.2	< 0.63	< 1.1	5.1	< 0.90	7.9
PCB101	4.5	< 2.1	3.5	< 1.0	< 1.2	0.93	< 1.1	4.1	< 0.90	7.3
PCB105	1.2	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	1.1
PCB110	2	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	0.92
PCB118	3.7	< 2.1	3.2	< 1.0	< 1.2	< 0.63	< 1.1	3.8	< 0.89	5.2
PCB128	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.90	< 0.74
PCB138	7.8	< 2.1	5.5	1.1	1.4	1	< 1.1	7.1	< 0.90	10
PCB149	3.9	< 2.1	4.9	< 1.0	< 1.2	0.71	< 1.1	6.4	< 0.89	9.4
PCB151	1.6	< 2.1	< 1.6	< 1.0	< 1.2	< 0.62	< 1.1	1.3	< 0.89	2.4
PCB153	9.2	2.3	7.7	1.3	1.7	1.3	< 1.1	11	0.93	15
PCB156	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	< 0.74
PCB158	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	< 0.74
PCB170	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.90	< 0.74
PCB171	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.90	< 0.74
PCB177	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.90	1.1
PCB180	1.8	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	1.4	< 0.89	1.8
PCB183	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	1.2
PCB187	2.7	< 2.1	1.8	< 1.0	< 1.2	< 0.63	< 1.1	2.9	< 0.89	3.7
PCB191	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.90	< 0.74
PCB194	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.90	< 0.74
PCB195	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.90	< 0.74
PCB205	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	< 0.74
PCB206	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.62	< 1.1	< 1.3	< 0.89	< 0.73
PCB208	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.90	< 0.74
PCB209	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	< 0.74
PBDE28	< 1.1	< 2.0	< 1.6	< 1.0	< 1.2	< 0.62	< 1.1	< 1.3	< 0.89	< 0.73
PBDE47	4.3	< 2.1	< 1.6	< 1.0	< 1.2	2	< 1.1	< 1.3	< 0.90	< 0.74
PBDE49	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	< 0.74
PBDE66	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.90	< 0.74
PBDE85	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	< 0.74
PBDE99	2.4	< 2.1	< 1.6	< 1.0	< 1.2	4.9	< 1.1	< 1.3	< 0.89	< 0.73
PBDE100	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	0.99	< 1.1	< 1.3	< 0.89	< 0.74
PBDE153	< 3.2	< 2.1	< 1.6	< 1.0	< 1.2	0.77	< 1.1	< 1.3	< 0.89	< 0.73
PBDE154	< 1.1	< 2.1	< 1.6	< 1.0	< 1.2	< 0.63	< 1.1	< 1.3	< 0.89	< 0.74

Extract ID	59-6654	59-6655	59-6656	59-6760	59-6761	59-6762	59-6763	59-6764	59-6765	59-6766
% Lipid	29	19	17	49	39	37	32	12	20	40
PCB17	< 0.61	< 0.77	< 1.3	< 0.71	< 0.65	< 0.61	< 0.86	< 0.31	< 1.1	0.29
PCB18	0.77	< 0.77	< 1.3	< 0.72	< 0.65	0.8	0.95	0.48	< 1.1	0.84
PCB28	1.4	< 0.77	< 1.3	0.75	0.77	1	1.1	0.5	1.2	0.86
PCB31	< 0.62	< 0.77	< 1.3	< 0.71	< 0.65	0.67	< 0.87	0.56	< 1.1	0.69
PCB33	< 0.61	< 0.77	< 1.3	< 0.71	< 0.65	< 0.61	< 0.86	0.32	< 1.1	0.27
PCB44	1.4	< 0.77	< 1.3	0.76	0.69	1	< 0.87	0.4	< 1.1	1.1
PCB49	2.4	< 0.78	< 1.3	< 0.72	0.71	1.5	1.3	0.7	< 1.1	2.8
PCB52	9	1	< 1.3	4	4	6.6	3.8	5.2	2.5	15
PCB66	1.5	< 0.77	< 1.3	1	1.1	1.5	0.93	0.46	< 1.1	1.7
PCB70	< 0.62	< 0.77	< 1.3	< 0.71	< 0.65	< 0.62	< 0.87	0.34	< 1.1	0.39
PCB74	2.7	< 0.77	< 1.3	1.3	1.3	2.3	1.2	2.5	< 1.1	5.9
PCB82	< 0.61	< 0.77	< 1.3	< 0.71	< 0.65	< 0.61	< 0.86	< 0.31	< 1.1	0.47
PCB87	1.6	< 0.77	< 1.3	0.8	0.91	1.4	1.2	0.62	< 1.1	2.4
PCB95	6.7	< 0.77	< 1.3	2.9	2.8	5.3	3.5	4.3	1.8	11
PCB99	6.1	< 0.78	< 1.3	4.6	4.6	7.7	4.4	8.1	1.7	22
PCB101	7.7	1.1	1.3	4.7	5.1	7.6	4.5	3.7	2.9	14
PCB105	1.4	< 0.77	< 1.3	1.7	1.9	2.6	1.6	1.5	< 1.1	4.4
PCB110	2	< 0.77	< 1.3	2.1	2	2.4	1.9	0.85	1.7	3
PCB118	4.9	< 0.77	< 1.3	5.1	5.5	7.8	4.7	8.1	2.8	22
PCB128	0.67	< 0.77	< 1.3	1.2	1.4	1.8	1.1	1	< 1.1	3.3
PCB138	6.6	1.3	1.8	11	12	18	11	18	5.7	47
PCB149	5.6	0.94	1.4	4.6	5.2	8.2	5	8.3	2.6	26
PCB151	1.8	< 0.77	< 1.3	1.4	1.5	2.4	1.6	1.5	< 1.1	4.7
PCB153	8.7	1.6	2.5	15	16	23	12	20	5.8	61
PCB156	< 0.62	< 0.77	< 1.3	< 0.71	0.67	0.84	< 0.87	0.81	< 1.1	2.3
PCB158	< 0.62	< 0.77	< 1.3	< 0.71	0.8	1.1	< 0.87	1.3	< 1.1	3.7
PCB170	< 0.62	< 0.78	< 1.3	1.3	1.4	2.2	1.5	3.7	< 1.1	8.2
PCB171	< 0.62	< 0.78	< 1.3	< 0.72	< 0.66	0.84	< 0.88	1.2	< 1.1	2.8
PCB177	< 0.62	< 0.78	< 1.3	1.1	1.1	2	1.5	2.6	< 1.1	6.9
PCB180	< 0.62	< 0.77	< 1.3	4.3	4.4	5.8	3.6	9.4	1.2	20
PCB183	< 0.62	< 0.77	< 1.3	1.5	1.6	2.3	1.4	3.2	< 1.1	7.2
PCB187	1.3	< 0.77	< 1.3	4.4	4.5	7.2	4.8	8.8	1.5	20
PCB191	< 0.62	< 0.78	< 1.3	< 0.72	< 0.66	< 0.62	< 0.87	< 0.32	< 1.1	0.76
PCB194	< 0.62	< 0.77	< 1.3	< 0.72	< 0.65	< 0.62	< 0.87	2.1	< 1.1	3.3
PCB195	< 0.62	< 0.77	< 1.3	< 0.72	< 0.65	< 0.62	< 0.87	0.6	< 1.1	1
PCB205	< 0.62	< 0.77	< 1.3	< 0.71	< 0.65	< 0.62	< 0.87	< 0.31	< 1.1	0.14
PCB206	< 0.62	< 0.77	< 1.3	< 0.71	< 0.65	< 0.61	< 0.87	0.79	< 1.1	0.94
PCB208	< 0.62	< 0.77	< 1.3	< 0.72	< 0.65	< 0.62	< 0.87	< 0.32	< 1.1	0.46
PCB209	< 0.62	< 0.77	< 1.3	< 0.71	< 0.65	< 0.62	< 0.87	< 0.31	< 1.1	0.43
PBDE28	< 0.61	< 0.77	< 1.3	< 0.71	< 0.65	< 0.61	< 0.87	< 0.31	< 1.1	0.38
PBDE47	< 0.62	< 0.78	< 1.3	14	15	18	11	7.8	2.3	36
PBDE49	< 0.62	< 0.77	< 1.3	< 0.71	< 0.65	< 0.62	< 0.87	< 0.31	< 1.1	0.45
PBDE66	< 0.62	< 0.78	< 1.3	< 0.72	< 0.66	< 0.62	< 0.88	< 0.32	< 1.1	0.42
PBDE85	< 0.62	< 0.77	< 1.3	< 0.71	< 0.65	< 0.62	< 0.87	< 0.31	< 1.1	< 0.076
PBDE99	< 0.62	< 0.77	< 1.3	5.1	7.6	6.7	2.9	4.7	< 1.1	14
PBDE100	< 0.62	< 0.77	< 1.3	2.1	2.4	2.4	1.8	1.3	< 1.1	5.7
PBDE153	< 0.62	< 0.77	< 1.3	< 0.71	< 0.65	< 0.62	< 0.87	0.6	< 1.1	1.2
PBDE154	< 0.62	< 0.77	< 1.3	< 0.71	< 0.65	< 0.62	< 0.87	0.46	< 1.1	1.8
PBDE155	< 0.62	< 0.77	< 1.3	< 0.72	< 0.65	< 0.62	< 0.88	< 0.32	< 1.1	0.21
PBDE183	< 0.62	< 0.77	< 1.3	< 0.72	< 0.65	< 0.62	< 0.88	< 0.32	< 1.1	< 0.076

Extract ID	59-6767	59-6768	59-6769	59-6770	59-6771	59-6772	59-6777	59-6778	59-6779	59-6780
% Lipid	54	60	46	16	31	43	9	63	49	16
PCB17	< 0.81	< 0.79	< 1.3	< 0.70	< 1.2	< 0.78	< 0.77	< 0.79	< 0.91	< 0.60
PCB18	1.2	1.3	< 1.3	< 0.71	< 1.2	0.92	< 0.78	1.5	1.2	0.7
PCB28	1.2	1.5	< 1.3	< 0.71	< 1.2	0.91	< 0.78	1.7	1.2	0.62
PCB31	< 0.81	< 0.80	< 1.3	< 0.71	< 1.2	< 0.79	< 0.78	1.3	1	0.67
PCB33	< 0.81	< 0.79	< 1.3	< 0.70	< 1.2	< 0.78	< 0.77	< 0.79	< 0.91	< 0.60
PCB44	1.1	2.2	< 1.3	< 0.70	< 1.2	1.3	< 0.77	2.2	1.7	< 0.60
PCB49	1.3	3.6	< 1.4	< 0.71	< 1.2	2	< 0.78	3.2	2.9	< 0.61
PCB52	5.8	15	5	1.2	1.4	8.6	0.79	14	10	1
PCB66	0.91	2.8	< 1.3	< 0.71	< 1.2	1.7	< 0.78	3	1.6	< 0.60
PCB70	< 0.81	0.86	< 1.3	< 0.71	< 1.2	< 0.78	< 0.78	0.98	< 0.92	< 0.60
PCB74	1.5	4.5	1.5	< 0.71	< 1.2	2.8	< 0.78	4.2	2.9	< 0.60
PCB82	< 0.81	< 0.79	< 1.3	< 0.70	< 1.2	< 0.78	< 0.77	< 0.79	< 0.91	< 0.60
PCB87	1.1	3.2	< 1.3	< 0.71	< 1.2	2.1	< 0.78	2.3	1.9	< 0.60
PCB95	4.6	11	3.6	0.93	< 1.2	6.8	< 0.78	10	7.6	0.8
PCB99	3.8	14	4.2	1.2	< 1.2	8.9	< 0.78	12	7.7	0.63
PCB101	5.4	16	4.3	1.5	1.6	9.8	0.84	14	10	1.2
PCB105	1.1	4.8	< 1.3	< 0.71	< 1.2	2.8	< 0.78	3.8	2.3	< 0.60
PCB110	2.3	5.3	1.8	1.2	1.5	3.3	0.86	6.1	3.9	1.1
PCB118	3.7	15	4.4	1.8	1.5	9.6	0.98	12	7.3	1.1
PCB128	< 0.82	3.4	< 1.3	< 0.71	< 1.2	2	< 0.78	2.9	1.7	< 0.60
PCB138	7.1	28	7.3	3.3	2.5	19	1.5	20	13	1.7
PCB149	5.1	16	4.8	1.5	1.4	10	< 0.77	13	9.2	0.85
PCB151	1.6	4.5	< 1.3	< 0.70	< 1.2	2.8	< 0.77	4	2.9	< 0.60
PCB153	9.8	36	8.9	4	2.9	23	1.4	27	19	2
PCB156	< 0.81	1.5	< 1.3	< 0.71	< 1.2	0.91	< 0.78	1.3	< 0.92	< 0.60
PCB158	< 0.81	1.9	< 1.3	< 0.71	< 1.2	1.2	< 0.78	1.3	< 0.92	< 0.60
PCB170	< 0.82	3.4	< 1.4	< 0.71	< 1.2	2	< 0.78	1.8	1.3	< 0.61
PCB171	< 0.82	1.4	< 1.4	< 0.71	< 1.2	0.83	< 0.78	< 0.80	< 0.93	< 0.61
PCB177	< 0.82	3.5	< 1.3	< 0.71	< 1.2	2.1	< 0.78	1.7	1.3	< 0.60
PCB180	1.6	9.6	1.4	1.4	< 1.2	6.2	< 0.78	4.5	3.5	< 0.60
PCB183	1	3.6	< 1.3	< 0.71	< 1.2	2.2	< 0.78	2.3	2	< 0.60
PCB187	3.1	11	2.3	1.5	< 1.2	6.9	0.79	6.9	6.4	0.73
PCB191	< 0.82	0.82	< 1.3	< 0.71	< 1.2	< 0.79	< 0.78	< 0.80	< 0.92	< 0.60
PCB194	< 0.81	1.3	< 1.3	< 0.71	< 1.2	< 0.79	< 0.78	< 0.80	< 0.92	< 0.60
PCB195	< 0.81	< 0.80	< 1.3	< 0.71	< 1.2	< 0.79	< 0.78	< 0.80	< 0.92	< 0.60
PCB205	< 0.81	< 0.80	< 1.3	< 0.71	< 1.2	< 0.79	< 0.78	< 0.80	< 0.92	< 0.60
PCB206	< 0.81	< 0.79	< 1.3	< 0.70	< 1.2	< 0.78	< 0.77	< 0.79	< 0.92	< 0.60
PCB208	< 0.81	< 0.80	< 1.3	< 0.71	< 1.2	< 0.79	< 0.78	< 0.80	< 0.92	< 0.60
PCB209	< 0.81	< 0.79	< 1.3	< 0.71	< 1.2	< 0.78	< 0.78	< 0.79	< 0.92	< 0.60
PBDE28	< 0.81	< 0.79	< 1.3	< 0.70	< 1.2	< 0.78	< 0.77	< 0.79	< 0.91	< 0.60
PBDE47	< 0.82	41	< 1.3	3.4	< 1.2	23	< 0.78	8.5	3.7	< 0.60
PBDE49	< 0.81	1	< 1.3	< 0.71	< 1.2	< 0.78	< 0.78	< 0.80	< 0.92	< 0.60
PBDE66	< 0.82	0.93	< 1.3	< 0.71	< 1.2	< 0.79	< 0.78	< 0.80	< 0.93	< 0.60
PBDE85	< 0.81	< 0.79	< 1.3	< 0.71	< 1.2	< 0.78	< 0.77	< 0.79	< 0.92	< 0.60
PBDE99	< 0.81	15	< 1.3	1.4	< 1.2	7.8	< 0.77	3.2	1.7	< 0.60
PBDE100	< 0.81	6.2	< 1.3	< 0.71	< 1.2	3.2	< 0.77	1.2	< 0.92	< 0.60
PBDE153	< 0.81	< 0.79	< 1.3	< 0.70	< 1.2	< 0.78	< 0.77	< 0.79	< 0.92	< 0.60
PBDE154	< 0.81	1.4	< 1.3	< 0.71	< 1.2	< 0.79	< 0.78	< 0.80	< 0.92	< 0.60
PBDE155	< 0.81	< 0.80	< 1.3	< 0.71	< 1.2	< 0.79	< 0.78	< 0.80	< 0.92	< 0.60
PBDE183	< 0.81	< 0.80	< 1.3	< 0.71	< 1.2	< 0.79	< 0.78	< 0.80	< 0.92	< 0.60

Extract ID	59-6781	59-6782	59-6783	59-6784	59-6785	59-6787	59-6788	KH-001	KH-002	KH-003
% Lipid	16	9	19	14	9	38	26	4	2	49
PCB17	< 0.69	< 0.63	< 0.70	< 0.48	< 0.58	< 0.50	< 0.35	< 0.39	< 0.55	< 0.56
PCB18	< 0.70	< 0.64	0.74	0.51	< 0.59	0.76	0.42	< 0.39	< 0.56	1.2
PCB28	< 0.70	< 0.64	< 0.70	< 0.49	< 0.59	0.9	0.56	< 0.39	< 0.55	1.9
PCB31	< 0.70	0.65	< 0.70	< 0.49	0.69	0.58	0.38	< 0.39	< 0.55	< 0.57
PCB33	< 0.69	< 0.63	< 0.70	< 0.48	< 0.58	< 0.50	< 0.35	< 0.39	< 0.55	< 0.56
PCB44	< 0.70	< 0.63	< 0.70	< 0.49	< 0.59	1.4	0.93	0.51	< 0.55	2.9
PCB49	1.4	< 0.64	0.94	0.63	< 0.59	2.1	1.5	< 0.40	< 0.56	4
PCB52	5.4	2.3	6.2	3.1	0.67	7.7	5.8	1.3	< 0.56	14
PCB66	< 0.70	< 0.63	< 0.70	< 0.49	< 0.59	1.7	1.1	< 0.39	< 0.55	2.6
PCB70	< 0.70	< 0.63	< 0.70	< 0.49	< 0.59	< 0.50	< 0.35	0.44	< 0.55	0.58
PCB74	1.6	< 0.64	1.7	0.86	< 0.59	2.7	2	< 0.39	< 0.55	3.8
PCB82	< 0.69	< 0.63	< 0.70	< 0.48	< 0.58	< 0.50	< 0.35	< 0.39	< 0.55	< 0.56
PCB87	1.1	< 0.64	0.77	0.53	< 0.59	1.7	1.1	0.56	< 0.56	3
PCB95	4.1	1.7	4.4	2.3	0.61	5.8	4.2	1.4	< 0.55	10
PCB99	4.6	1.5	5.3	2.4	< 0.59	7.8	5.9	0.71	< 0.56	9.2
PCB101	5.8	2	4.4	2.5	0.78	8.3	6.2	1.4	< 0.56	14
PCB105	1.1	< 0.64	1	0.69	< 0.59	3	2.1	< 0.39	< 0.56	2.8
PCB110	1.5	0.87	0.98	0.92	0.79	2.9	1.9	0.86	< 0.55	5.1
PCB118	3.8	1.7	4	2.2	0.92	9.2	6.6	0.85	< 0.55	8.2
PCB128	0.82	< 0.64	< 0.70	< 0.49	< 0.59	2.4	1.7	< 0.39	< 0.56	1.7
PCB138	7	2.8	7.6	4	1.3	17	12	1.2	< 0.56	14
PCB149	6.1	2	6.6	3	< 0.59	7.5	5.4	0.81	< 0.55	10
PCB151	1.8	< 0.63	1.7	0.78	< 0.59	2.3	1.7	< 0.39	< 0.55	3.2
PCB153	9.8	3.4	10	5.4	1.2	20	15	1.5	0.71	17
PCB156	< 0.70	< 0.64	< 0.70	< 0.49	< 0.59	1.1	0.82	< 0.39	< 0.55	0.64
PCB158	< 0.70	< 0.63	< 0.70	< 0.49	< 0.59	1.2	0.86	< 0.39	< 0.55	0.73
PCB170	< 0.70	< 0.64	< 0.71	< 0.49	< 0.59	2.2	1.4	< 0.40	< 0.56	0.82
PCB171	< 0.70	< 0.64	< 0.71	< 0.49	< 0.59	0.66	0.49	< 0.40	< 0.56	< 0.57
PCB177	0.78	< 0.64	0.83	< 0.49	< 0.59	1.8	1.3	< 0.39	< 0.56	1.3
PCB180	1.7	< 0.64	1.6	1	< 0.59	5.7	4.1	< 0.39	< 0.55	2.1
PCB183	1.1	< 0.63	1	0.54	< 0.59	2.1	1.5	< 0.39	< 0.55	1.4
PCB187	3.7	0.89	3.8	1.8	< 0.59	6.5	4.7	0.44	< 0.55	4.3
PCB191	< 0.70	< 0.64	< 0.71	< 0.49	< 0.59	0.62	0.37	< 0.39	< 0.56	< 0.57
PCB194	< 0.70	< 0.64	< 0.70	< 0.49	< 0.59	0.59	0.39	< 0.39	< 0.56	< 0.57
PCB195	< 0.70	< 0.64	< 0.70	< 0.49	< 0.59	< 0.51	< 0.35	< 0.39	< 0.56	< 0.57
PCB205	< 0.70	< 0.64	< 0.70	< 0.49	< 0.59	< 0.50	< 0.35	1.2	1.2	2.3
PCB206	< 0.69	< 0.63	< 0.70	< 0.49	< 0.59	< 0.50	< 0.35	< 0.39	< 0.55	< 0.57
PCB208	< 0.70	< 0.64	< 0.70	< 0.49	< 0.59	< 0.51	< 0.35	< 0.39	< 0.56	< 0.57
PCB209	< 0.70	< 0.64	< 0.70	< 0.49	< 0.59	< 0.50	< 0.35	< 0.39	< 0.55	< 0.57
PBDE28	< 0.69	< 0.63	< 0.70	< 0.48	< 0.58	< 0.50	< 0.35	< 0.39	< 0.55	< 0.56
PBDE47	0.98	< 0.64	< 0.71	< 0.49	< 0.59	37	26	0.86	0.61	3.6
PBDE49	< 0.70	< 0.63	< 0.70	< 0.49	< 0.59	0.67	0.46	< 0.39	< 0.55	< 0.57
PBDE66	< 0.70	< 0.64	< 0.71	< 0.49	< 0.59	0.93	0.49	< 0.40	< 0.56	< 0.57
PBDE85	< 0.70	< 0.63	< 0.70	< 0.49	< 0.59	< 0.50	< 0.35	< 0.39	< 0.55	< 0.57
PBDE99	< 0.70	< 0.63	< 0.70	< 0.49	< 0.59	21	13	< 0.39	< 0.55	1.8
PBDE100	< 0.70	< 0.63	< 0.70	< 0.49	< 0.59	5.4	3.4	< 0.39	< 0.55	< 0.57
PBDE153	< 0.70	< 0.63	< 0.70	< 0.49	< 0.59	1.5	1.1	< 0.39	< 0.55	< 0.57
PBDE154	< 0.70	< 0.63	< 0.70	< 0.49	< 0.59	1.4	1	< 0.39	< 0.55	< 0.57
PBDE155	< 0.70	< 0.64	< 0.70	< 0.49	< 0.59	< 0.51	< 0.35	< 0.39	< 0.56	< 0.57
PBDE183	< 0.70	< 0.64	< 0.70	< 0.49	< 0.59	< 0.51	< 0.35	< 0.39	< 0.56	< 0.57

Extract ID	KH-004	KH-005	KH-006	KH-007	KH-008	KH-009	KH-010	KH-011	KH-012	KH-013
% Lipid	29	34	10	39	12	32	31	22	29	40
PCB17	< 0.48	< 0.62	< 0.49	< 0.37	< 0.49	< 0.42	< 0.62	< 0.56	< 0.57	< 0.62
PCB18	< 0.48	< 0.63	< 0.50	< 0.38	< 0.49	< 0.42	< 0.63	< 0.56	< 0.57	0.79
PCB28	< 0.48	0.79	< 0.50	0.4	< 0.49	0.57	0.82	< 0.56	< 0.57	1.3
PCB31	< 0.48	< 0.62	< 0.50	< 0.38	< 0.49	< 0.42	< 0.63	< 0.56	< 0.57	< 0.63
PCB33	< 0.48	< 0.62	< 0.49	< 0.37	< 0.49	< 0.41	< 0.62	< 0.56	< 0.57	< 0.62
PCB44	0.66	0.76	< 0.50	< 0.38	< 0.49	0.7	1.1	< 0.56	< 0.57	3.3
PCB49	0.77	2.1	< 0.50	0.8	0.99	1.4	2.3	0.59	0.82	5.4
PCB52	3.2	9.2	2.1	3.8	5.4	8.5	15	4.1	3.3	22
PCB66	0.73	1	< 0.50	0.45	< 0.49	1.1	1.5	0.59	0.59	2.9
PCB70	< 0.48	< 0.62	< 0.50	< 0.38	< 0.49	< 0.42	< 0.63	< 0.56	< 0.57	< 0.63
PCB74	0.91	3.1	0.89	1.1	1.9	3.5	8.7	1.7	1.5	5.8
PCB82	< 0.48	< 0.62	< 0.49	< 0.37	< 0.49	< 0.41	< 0.62	< 0.56	< 0.57	< 0.62
PCB87	0.74	1.7	0.94	0.74	1.7	1.9	2	0.87	1	4.5
PCB95	2.7	6.2	1.5	3.1	5.5	6.1	11	2.7	2.7	16
PCB99	2.8	9.7	2.5	4.3	10	11	28	5.1	3.7	14
PCB101	4.2	9.9	2.3	4.2	7.9	8.7	13	3.8	3.3	19
PCB105	0.9	2.1	0.84	0.99	2.3	2.7	4	1.5	1.5	3.5
PCB110	1.7	2.1	0.63	0.95	1.3	1.4	2.1	0.91	0.89	5.2
PCB118	2.9	8.9	3	4	9.6	11	26	5.6	4.7	13
PCB128	0.74	1.6	0.7	0.84	2.1	1.6	2.9	1	0.86	1.8
PCB138	5.5	16	5.9	8.5	28	20	50	11	6	18
PCB149	3.9	11	2.9	5.4	20	10	26	5.3	3	14
PCB151	1.1	2.5	0.55	1.4	4.2	2.6	5	1.2	0.59	3.9
PCB153	7.7	22	7.6	13	41	27	65	14	7	26
PCB156	< 0.48	0.8	< 0.50	0.41	1.5	0.95	2.2	0.61	< 0.57	0.81
PCB158	< 0.48	1.1	< 0.50	0.53	2.2	1.3	3.4	0.74	< 0.57	0.99
PCB170	< 0.48	1.6	< 0.50	0.8	8.4	2.2	7.6	1.4	< 0.58	0.95
PCB171	< 0.48	0.65	< 0.50	< 0.38	3.4	0.82	2.5	< 0.57	< 0.58	< 0.63
PCB177	< 0.48	1.9	0.54	1.1	8.3	2	6.5	1.1	< 0.57	1.3
PCB180	1.3	4.5	1.8	2.5	22	6.9	21	3.8	1.3	3
PCB183	0.62	1.9	0.67	1.1	8.3	2.4	7.6	1.5	< 0.57	1.7
PCB187	2.1	6.3	2	3.9	23	7.7	23	4.3	1.4	5.5
PCB191	< 0.48	< 0.63	< 0.50	< 0.38	0.55	< 0.42	0.69	< 0.56	< 0.57	< 0.63
PCB194	< 0.48	< 0.63	< 0.50	< 0.38	5.1	0.54	2.6	< 0.56	< 0.57	< 0.63
PCB195	< 0.48	< 0.63	< 0.50	< 0.38	1.6	< 0.42	0.75	< 0.56	< 0.57	< 0.63
PCB205	0.59	1.1	1.8	0.43	1.9	1.2	< 0.63	0.96	< 0.57	1.6
PCB206	< 0.48	< 0.62	< 0.50	< 0.37	1.7	< 0.42	0.76	< 0.56	< 0.57	< 0.62
PCB208	< 0.48	< 0.63	< 0.50	< 0.38	< 0.49	< 0.42	< 0.63	< 0.56	< 0.57	< 0.63
PCB209	< 0.48	< 0.62	< 0.50	< 0.38	0.54	< 0.42	< 0.63	< 0.56	< 0.57	< 0.63
PBDE28	< 0.48	< 0.62	< 0.49	< 0.37	< 0.49	< 0.41	< 0.62	< 0.56	< 0.57	< 0.62
PBDE47	1.8	8.4	5.3	7.2	22	18	24	7.9	1.4	2.1
PBDE49	< 0.48	< 0.62	< 0.50	0.86	< 0.49	< 0.42	0.67	< 0.56	< 0.57	< 0.63
PBDE66	< 0.48	< 0.63	< 0.50	< 0.38	< 0.49	< 0.42	< 0.63	< 0.56	< 0.57	< 0.63
PBDE85	< 0.48	< 0.62	< 0.50	< 0.38	< 0.49	< 0.42	< 0.63	< 0.56	< 0.57	< 0.63
PBDE99	< 0.48	5.4	2.7	2.4	12	6.4	7.2	3.6	1	< 0.62
PBDE100	< 0.48	2.6	0.8	1.5	4	2.2	3.2	1.1	< 0.57	< 0.63
PBDE153	< 0.48	0.95	< 0.50	< 0.38	1.8	0.83	1.2	< 0.56	< 0.57	< 0.62
PBDE154	< 0.48	0.68	< 0.50	0.41	2.5	0.52	0.86	< 0.56	< 0.57	< 0.63
PBDE155	< 0.48	< 0.63	< 0.50	< 0.38	< 0.49	< 0.42	< 0.63	< 0.56	< 0.57	< 0.63
PBDE183	< 0.48	< 0.63	< 0.50	< 0.38	< 0.49	< 0.42	< 0.63	< 0.56	< 0.57	< 0.63