Electronic Supplementary Information

Note S1. Organochlorine compounds not quantified

The following organochlorine compounds were difficult to detect. All compounds listed below had detection frequencies <50% (actual value is given in parentheses).

**Meconium:** cis-Chlordane (43%); Mirex (32%); β-HCH (40%); PCP (36%); 4’-OH-PCB 130 (3%); 3’-OH-PCB 138 (23%); PCBs 28 (45%), 101 (24%), 105 (19%), 123 (8%), 128 (0%), 141 (0%), 156 (16%), 157 (5%), 167 (0%), 170 (15%), 180 (24%), 183 (4%), 187 (4%), 189 (0%), 194 (0%). \( o,p'\)-DDT; \( o,p'\)-DDE; \( p,p'\)-DDD; \( o,p'\)-DDD were analysed but not possible to quantify.

**Maternal serum:** 4’-OH-PCB 130 (0%), 3’-OH-PCB 138 (12%).

Note S2. List of compounds used as internal standards

The following \(^{13}\)C-labeled PCBs, chlorinated pesticides and phenolic compounds were used as internal standards: PCB 28, 52, 101, 105, 114, 118, 123, 138, 153, 156, 157, 167 and 180, dichlorodiphenyltrichloroethane (\( p,p'\)-DDT), dichlorodiphenyldichloroethylene (\( p,p'\)-DDE), \( \alpha\)-hexachlorocyclohexane (\( \alpha\)-HCH), \( \beta\)-hexachlorocyclohexane (\( \beta\)-HCH), \( \gamma\)-hexachlorocyclohexane (\( \gamma\)-HCH), hexachlorobenzene (HCB), \( cis\)-Nonachlor (\( cis\)-NC), \( trans\)-Nonachlor (\( trans\)-NC), \( cis\)-Chlordane (\( cis\)-CD), \( trans\)-Chlordane (\( trans\)-CD), \( oxy\)-Chlordane (\( oxy\)-CD), Mirex, 4-hydroxy-2,2’,3,4’,5,5’-heptachlorobiphenyl (4-OH-CB 187), 4-hydroxy-2,3,3’,4’,5-pentachloro-biphenyl (4-OH-CB 107), 4-hydroxy-2,2’,3,4’,5,5’-hexachlorobiphenyl (4-OH-CB 146), and pentachlorophenol (PCP).