

Organochloropesticides (OCP) and Polychlorinated Biphenyls (PCB) in Milk and Milk Products by GC/ECD

Column: Zebtron™ ZB-MultiResidue™-2, GC Cap. Column 30 m x 0.25 mm x 0.20 μm, Ea

Phase: Proprietary Pesticides Phase

Dimensions: 30 meters x 0.25 mm x 0.2 μm

Order No: 7HG-G017-10

Oven Profile: 100 °C for 1 min, with 35 °C/min to 165 °C and 22 min hold, with 20 °C/min to 190 °C, with 4 °C/min to 250°C and 1 min hold

Carrier Gas: Constant Flow Hydrogen, 1.5 mL/min

Injection: Splitless :1 5 μL @ 50°C

Detection: Electron Capture (ECD) (300°C)

Analyst Note: The application was kindly provided by the MLF, Dr.-Oskar-Farny-Institute in Wangen, Germany.

Injector Gerstel-KAS3. Program: 50 °C with 12 °C/s to 300 °C, 3 min hold
Solvent Venting Purge Time: 0.15 min, Splitless Time: 1 min, Equilibration Time 0.5 min, Initial Time: 0.15 min.

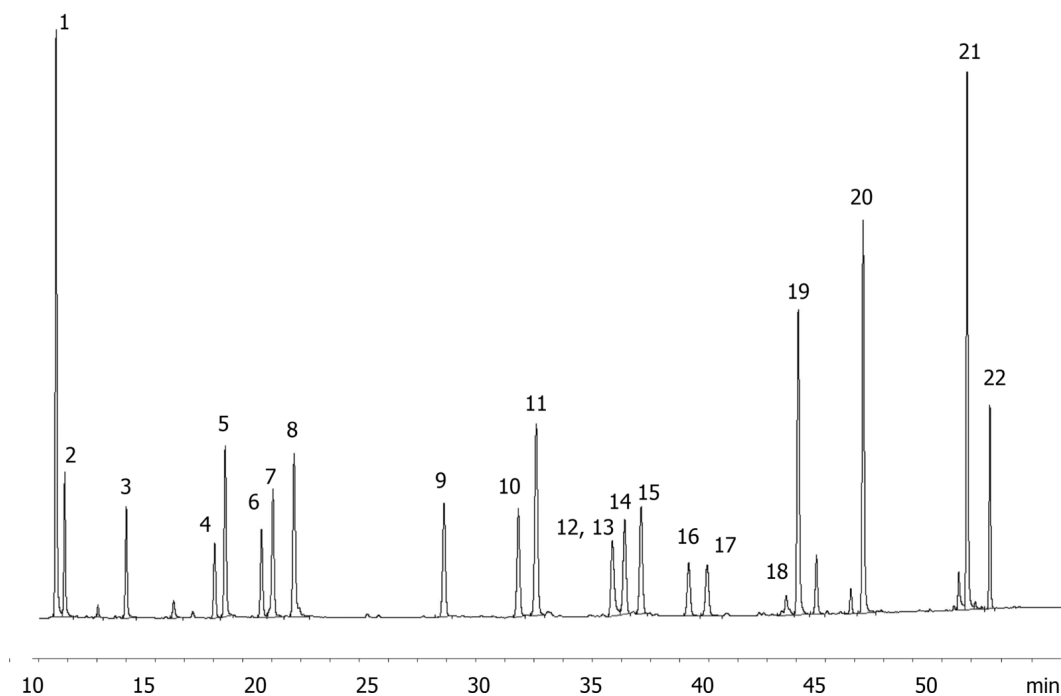
Concentration: 25 ppb each for OCP + PCB, 100 ppb for Nitrofen



Products used in this application:



17910



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ANALYTES:

- 1 Hexachlorobenzene
- 2 alpha-HCH
- 3 gamma-HCH
- 4 beta-HCH
- 5 PCB 28
- 6 delta-HCH
- 7 Aldrin
- 8 PCB 52
- 9 Heptachloro epoxide
- 10 2,4'-DDE (o,p-)
- 11 PCB 101
- 12 4,4'-DDE (p,p-)
- 13 Nitrofen
- 14 Dieldrin
- 15 2,4'-DDD (o,p-)
- 16 Endrin
- 17 4,4'-DDD (p,p-)
- 18 Nitrofen
- 19 PCB 153
- 20 PCB 138
- 21 PCB 180
- 22 Mirex

