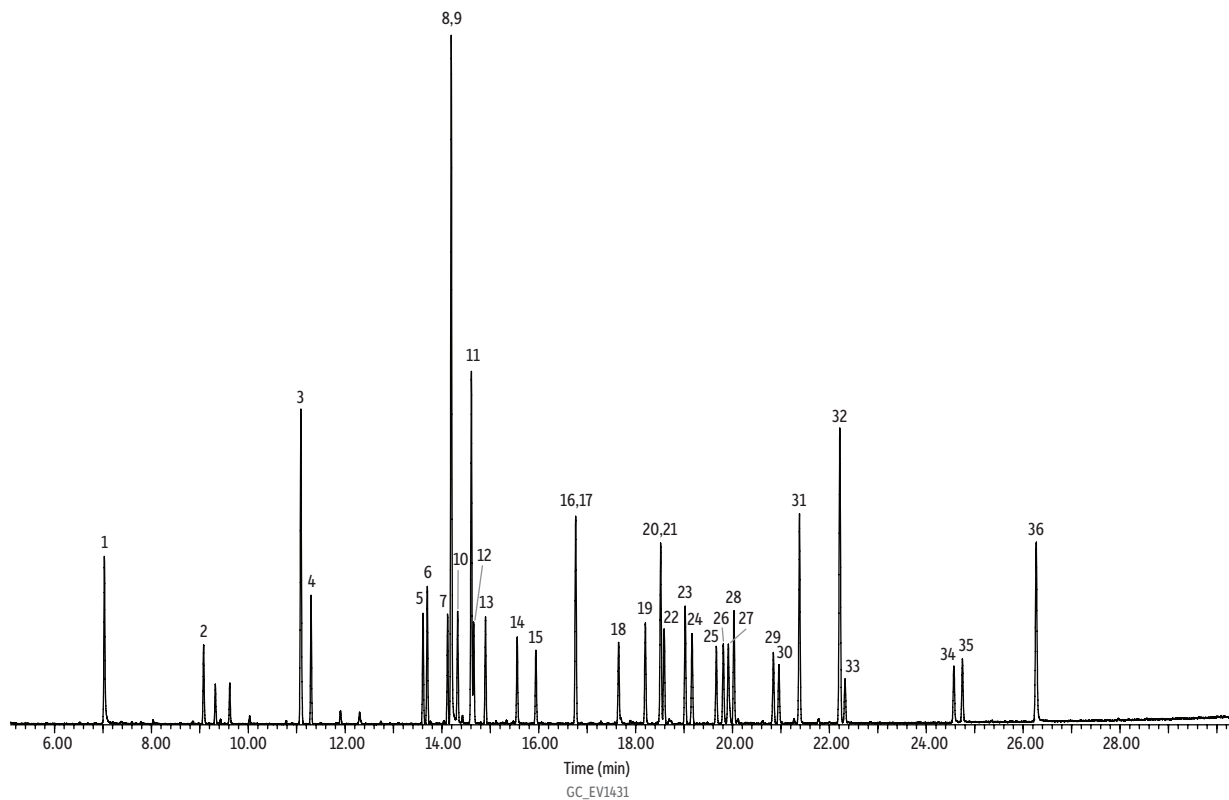


EPA Method 525.3 OCP Calibration Standard (with 525.3 Internal and Surrogate Standards) on Rxi®-5Sil MS



Peaks	t _R (min)
1. 1,3-Dimethyl-2-nitrobenzene (SS)	7.03
2. Hexachlorocyclopentadiene (HCCPD)	9.08
3. Acenaphthene-D10 (IS)	11.09
4. Chloroneb	11.30
5. α-HCH	13.61
6. Hexachlorobenzene	13.70
7. β-HCH	14.12
8. Pentachlorophenol-C13 (IS)	14.19
9. Pentachlorophenol	14.19
10. γ-HCH (Lindane)	14.33
11. Phenanthrene-D10 (IS)	14.61
12. Chlorothalonil	14.66
13. δ-HCH	14.90
14. Acetochlor	15.56
15. Heptachlor	15.94
16. Aldrin	16.75
17. Dacthal (DCPA)	16.76
18. Heptachlor epoxide	17.65
19. trans-Chlordane	18.20
20. Endosulfan I	18.52
21. cis-Chlordane	18.52
22. trans-Nonachlor	18.59
23. 4,4'-DDE	19.02
24. Dieldrin	19.16
25. Endrin	19.67
26. Chlorobenzilate	19.81
27. Endosulfan II	19.91
28. 4,4'-DDD	20.03
29. Endosulfan sulfate	20.84
30. 4,4'-DDT	20.96
31. Triphenyl phosphate (SS)	21.38
32. Chrysene-D12 (IS)	22.21
33. Methoxychlor	22.33
34. cis-Permethrin	24.57
35. trans-Permethrin	24.75
36. Benzo[a]pyrene-D12 (SS)	26.27

Column Rxi®-5Sil MS, 30 m, 0.25 mm ID, 0.25 µm (cat.# 13623)
Sample EPA Method 525.3 OCP cal standard (cat.# 32542)
 EPA Method 525.3 PAH IS mix (cat.# 32547)
 EPA Method 525.3 PCP IS (cat.# 32548)
 EPA Method 525.3 surrogate standard (cat.# 32549)
Diluent: Ethyl acetate
Conc.: 2 µg/mL (pentachlorophenol concentration: 8 µg/mL)
Injection
Inj. Vol.: 1 µL pulsed splitless (hold 1 min)
Liner: Premium 4 mm single taper w/wool (cat.# 23303.1)
Inj. Temp.: 275 °C
Pulse Pressure: 30 psi (206.8kPa)
Pulse Time: 1 min
Purge Flow: 80 mL/min
Oven
Oven Temp.: 70 °C (hold 1 min) to 200 °C at 10 °C/min to 320 °C at 7 °C/min (hold 3 min)
Carrier Gas He, constant flow
Flow Rate: 1.2 mL/min
Detector MS
Mode: Scan
Scan Program:

Goup	Start Time (min)	Scan Range (amu)	Scan Rate (scans/sec)
1	5	45-550	5.5

Transfer Line
Temp.: 280 °C
Analyzer Type: Quadrupole
Source Type: Extractor
Source Temp.: 350 °C
Quad Temp.: 200 °C
Solvent Delay
Time: 5 min
Tune Type: DFTPP
Ionization Mode: EI
Instrument Agilent 7890B GC & 5977A MSD