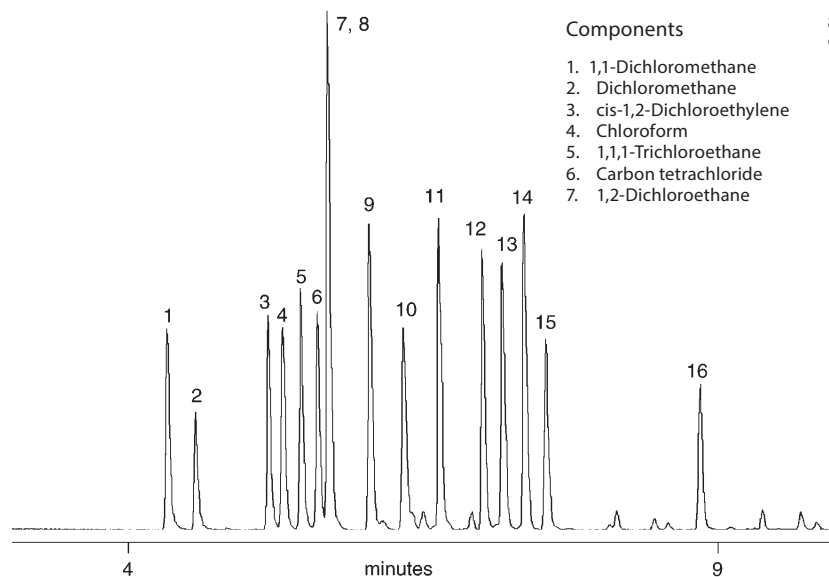


ENV 17 | 飲料水中の揮発性有機化合物(VOC)の分析 - BP624 -

Column Part No.:	054826	Final Temp:	170 °C
Phase:	BP624, 1.2 µm	Detector:	HP5870 MSD
Column:	25 m x 0.22 mm ID	Carrier Gas:	He, 15 psi
Initial Temp:	50 °C, 2 min		
Rate:	15 °C/min		

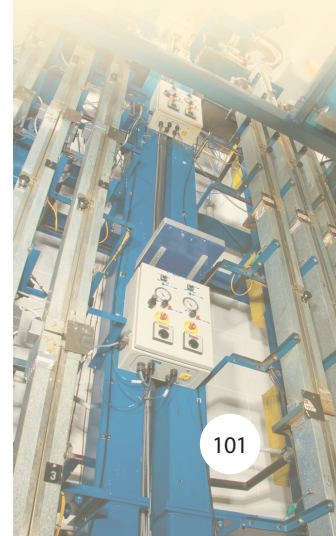


GCカラム & アプリケーション



Components

- | | |
|-----------------------------|-------------------------------|
| 1. 1,1-Dichloromethane | 8. Benzene |
| 2. Dichloromethane | 9. Trichloroethylene |
| 3. cis-1,2-Dichloroethylene | 10. Bromodichloromethane |
| 4. Chloroform | 11. cis-1,3-Dichloropropene |
| 5. 1,1,1-Trichloroethane | 12. trans-1,3-Dichloropropene |
| 6. Carbon tetrachloride | 13. 1,1,2-Trichloroethane |
| 7. 1,2-Dichloroethane | 14. Tetrachloroethylene |
| | 15. Dibromochloromethane |
| | 16. Bromoform |



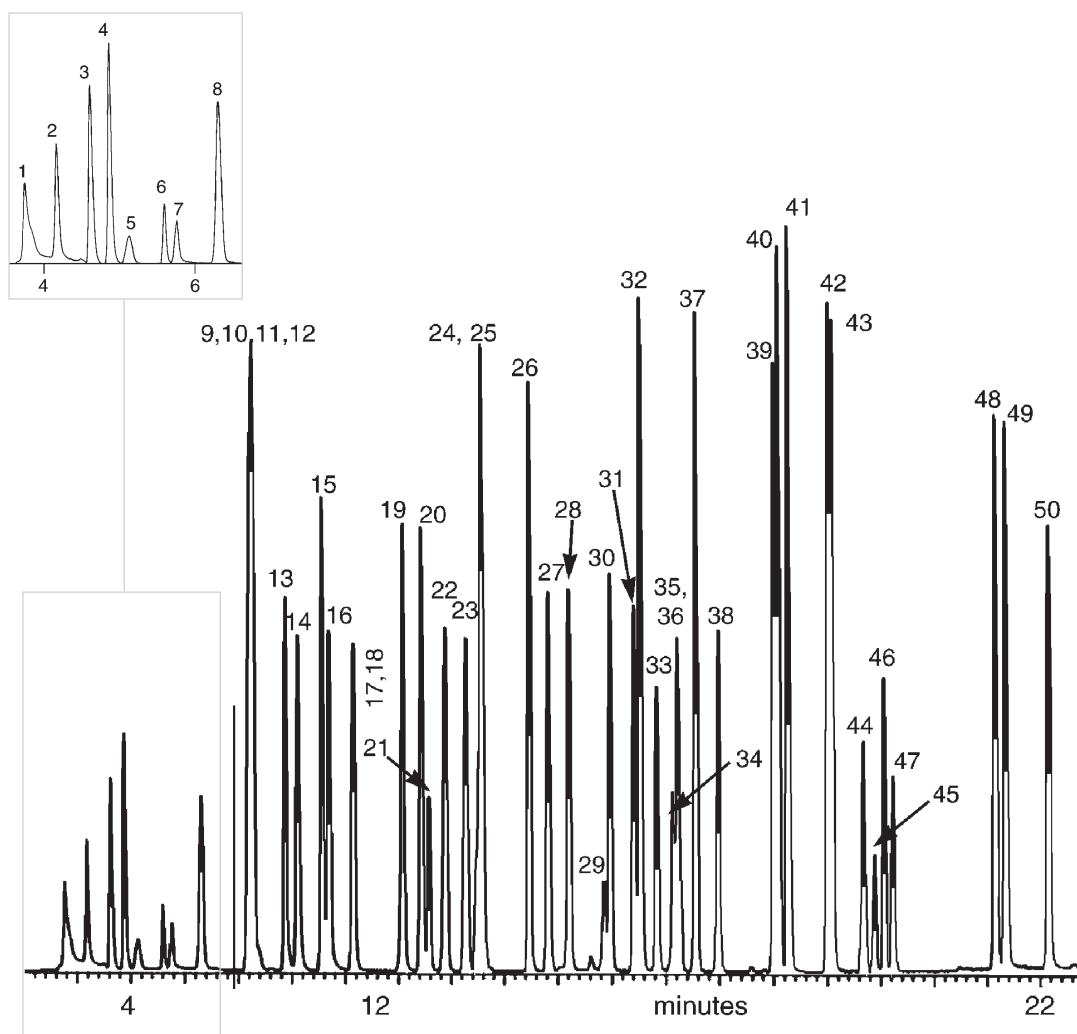


GCカラム & アプリケーション

ENV 13 | 飲料水の揮発性有機化合物(VOC)の分析 - BP624 -

Column Part No.:	054835	Rate 2:	15 °C/min
Phase:	BP624, 3.0 μm	Final Temp:	210 °C, 1 min
Column:	50 m x 0.53 mm ID	Detector:	MSD, MJSC Jet Separator
Initial Temp:	35 °C, 2 min	Injection Mode:	Purge & Trap
Rate 1:	8 °C/min	Carrier Gas:	He, 10 ml/min
Temp 2:	180 °C, 5 min		

メモ: BP624は全てのEPAコンパウンドの素早い分析を可能にするカラムで、同様に多くの一般的に使われる溶媒の分析に最適です。



Components

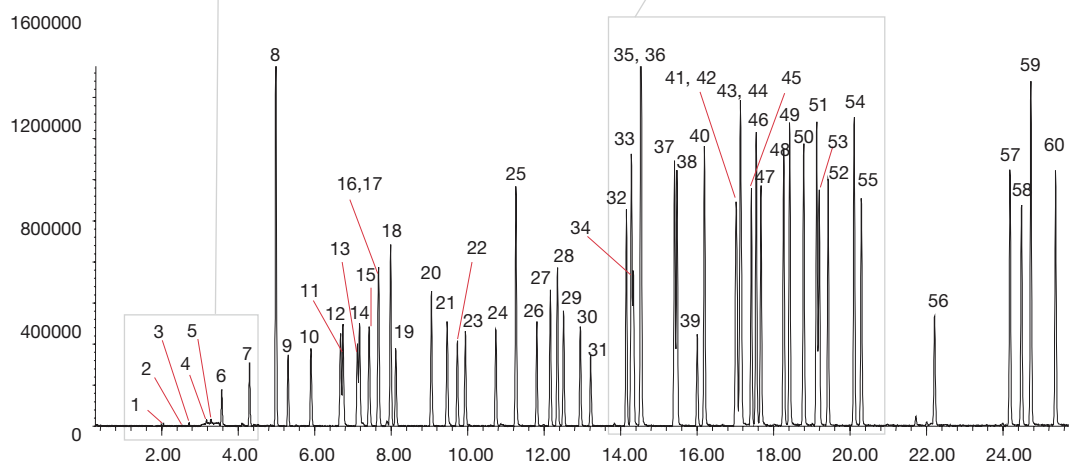
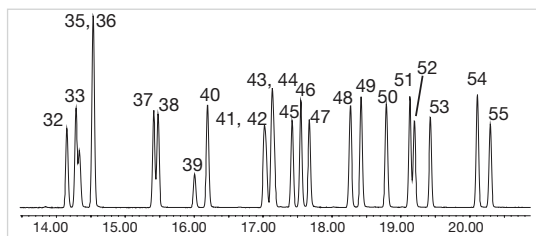
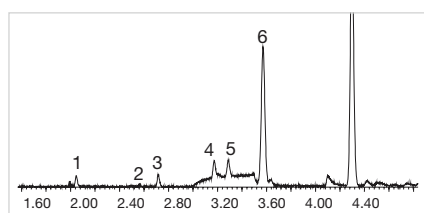
- | | | |
|------------------------------|---------------------------------------|-----------------------------------|
| 1. Carbon dioxide | 17. 1,1-Dichloroethane | 35. 1,1,2-Trichloroethane |
| 2. Dichlorodifluoromethane | 18. Vinyl acetate | 36. 2-Hexanone |
| 3. Chloromethane | 19. 2-Butanone (MEK) | 37. Tetrachloroethene |
| 4. Vinyl chloride | 20. cis-1,2-Dichloroethene | 38. Dibromochloromethane |
| 5. Acetaldehyde | 21. Bromochloromethane (Int. Std.) | 39. Chlorobenzene |
| 6. Bromomethane | 22. 1,1,1-Trichloroethane | 40. Ethylbenzene |
| 7. Chloroethane | 23. Carbon tetrachloride | 41. m,p-Xylene |
| 8. Trichlorofluoromethane | 24. 1,2-Dichloroethane-d4 (Surrogate) | 42. o-Xylene |
| 9. Trichlorofluoroethane | 25. 1,2-Dichloroethane | 43. Styrene |
| 10. Acrolein | 26. Trichloroethene | 44. Bromoform |
| 11. Acetone | 27. 1,2-Dichloroethene | 45. 1,4-Dichlorobutane (Int. Std) |
| 12. 1,1-Dichloroethene | 28. Bromodichloromethane | 46. Bromofluorobenzene |
| 13. Carbon disulfide | 29. 4-Methyl-2-pentanone | 47. 1,1,2,2- Tetrachloroethene |
| 14. Methylene chloride | 30. cis-1,3-Dichloropropene | 48. 1,3-Dichlorobenzene |
| 15. trans-1,2-Dichloroethene | 31. Toluene-(d8) (Surrogate) | 49. 1,4-Dichlorobenzene |
| 16. Acrylonitrile | 32. Toluene | 50. 1,2-Dichlorobenzene |
| | 33. trans-1,3-Dichloropropene | |
| | 34. 2-Bromo-1-chloropropane (Int.Std) | |

TP-0102-C | 揮発性有機化合物(VOC)の分析 – BPX-Volatiles –



GCカラム & アプリケーション

Column Part No.:	054979	Average Linear Velocity:	35 cm/sec at 40 °C
Phase:	BPX-Volatiles 1µm film	Injection Mode:	Split
USEPA 502.2 mix:	200 ppm in Methanol	Split Ratio:	50:1
Column:	40m x 0.18mm ID	Injection Volume:	1 µL
Initial Temp:	40 °C, 0 min.	Injection Temperature:	250 °C
Rate 1:	6 °C to 210 °C	Autosampler:	No
Rate 2:	15 °C to 250 °C	Liner Type:	4 mm ID Single Taper
Final Temp:	250 °C, 5 min	Liner Part Number:	092017
Detector Type:	Mass Spectrometer	Column Part Number:	054979
Carrier Gas:	He, 40.3 psi	ms-NoVent™ Part no.:	113400
Carrier Gas Flow:	1.2 µL/min.	HP5973 restrictor:	113409
Constant Flow:	On	Full scan	45-450



メモ: 上記のクロマトグラムは一般に検査されている揮発性有機化合物の分析例を示しています。

Components

- | | | |
|-----------------------------|-------------------------------|---------------------------------|
| 1. Dichlorodifluoromethane | 20. Trichloroethene | 41. Bromobenzene |
| 2. Chloromethane | 21. 1,2-Dichloropropane | 42. 1,1,2,2-Tetrachloroethane |
| 3. Vinyl chloride | 22. Dibromomethane | 43. 1,2,3-Trichloropropane |
| 4. Bromomethane | 23. Bromodichloromethane | 44. n-Propyl benzene |
| 5. Chloroethane | 24. cis-1,3-Dichloropropene | 45. 2-Chlorotoluene |
| 6. Trichlorofluoromethane | 25. Toluene | 46. 1,3,5-Trimethylbenzene |
| 7. 1,1-Dichloroethene | 26. trans-1,3-Dichloropropene | 47. 4-Chlorotoluene |
| 8. Dichloromethane | 27. 1,1,2-Trichloroethane | 48. tert-Butylbenzene |
| 9. trans-1,2-Dichloroethene | 28. Tetrachloroethene | 49. 1,2,4-Trimethylbenzene |
| 10. 1,1-Dichloroethane | 29. 1,3-Dichloropropane | 50. sec-Butylbenzene |
| 11. 2,2-Dichloropropane | 30. Dibromochloromethane | 51. 1,3-Dichlorobenzene |
| 12. cis-1,2-Dichloroethene | 31. 1,2-Dibromoethane | 52. p-Isopropyltoluene |
| 13. Bromochloromethane | 32. Chlorobenzene | 53. 1,2-Dichlorobenzene |
| 14. Chloroform | 33. Ethylbenzene | 54. n-Butylbenzene |
| 15. 1,1,1-Trichloroethane | 34. 1,1,1,2-Tetrachloroethane | 55. 1,4-Dichlorobenzene |
| 16. 1,1-Dichloropropene | 35. p-Xylene | 56. 1,2-Dibromo-3-chloropropane |
| 17. Carbon tetrachloride | 36. m-Xylene | 57. 1,2,4-Trichlorobenzene |
| 18. Benzene | 37. o-Xylene | 58. Hexachlorobutadiene |
| 19. 1,2-Dichloroethane | 38. Styrene | 59. Naphthalene |
| | 39. Bromoform | 60. 1,2,3-Trichlorobenzene |
| | 40. Isopropylbenzene | |

