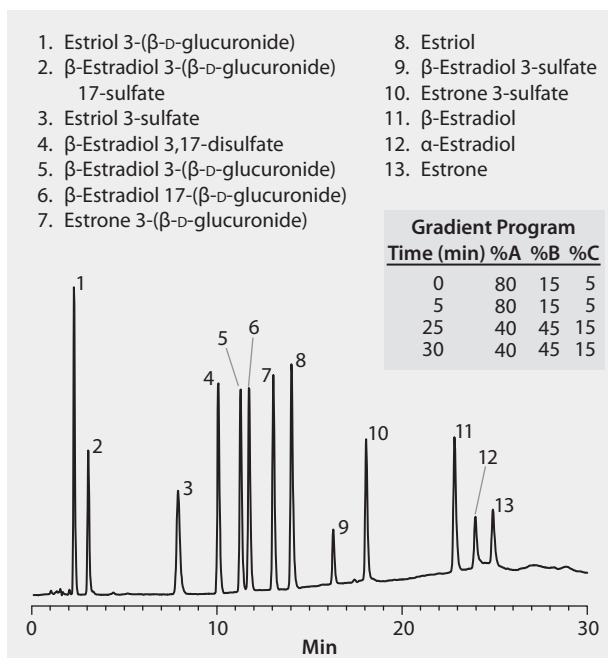


HPLC Analysis of Conjugated Estrogens on Discovery® HS C18

market focus Clinical; Life Science and Biopharma
 column Discovery HS C18, 15 cm x 4.6 mm I.D., 5 µm particles (568522-U)
 mobile phase [A] 10 mM potassium phosphate (pH 7.01 unadjusted); [B] acetonitrile; [C] methanol
 gradient 80% A, 15% B, 5% C, held for 5 min; to 40% A, 45% B, 15% C in 20 min; held for 5 min
 flow rate 1 mL/min
 column temp. 30 °C
 detector UV, 220 nm
 injection 10 µL
 sample 10 µg/mL each in 60/40, water:acetonitrile
 Application No. **G002155**



- | | |
|-------------------------------------|--------------------------|
| 1. Estriol 3-(β-D-glucuronide) | 8. Estriol |
| 2. β-Estradiol 3-(β-D-glucuronide) | 9. β-Estradiol 3-sulfate |
| 3. Estriol 3-sulfate | 10. Estrone 3-sulfate |
| 4. β-Estradiol 3,17-disulfate | 11. β-Estradiol |
| 5. β-Estradiol 3-(β-D-glucuronide) | 12. α-Estradiol |
| 6. β-Estradiol 17-(β-D-glucuronide) | 13. Estrone |
| 7. Estrone 3-(β-D-glucuronide) | |

Related Products

analytical column
 Discovery® HS C18 HPLC Column ([Supelco 568522-U](#))
 eluent
 Acetonitrile ([Fluka 14261](#))
 Methanol ([Sigma-Aldrich 34860](#))

Related Products

standard
 α-Estradiol ([Sigma E8750](#))
 β-Estradiol ([Cerilliant E-060](#))
 β-Estradiol 3,17-disulfate dipotassium salt ([Sigma E1636](#))
 β-Estradiol 3-(β-D-glucuronide) sodium salt ([Sigma E2127](#))
 β-Estradiol 17-(β-D-glucuronide) ([Sigma E1127](#))
 β-Estradiol 3-(β-D-glucuronide) 17-sulfate dipotassium salt ([Sigma E2128](#))
 β-Estradiol 3-sulfate sodium salt ([Sigma E9505](#))
 Estriol ([Cerilliant E-074](#))
 Estriol 3-(β-D-glucuronide) sodium salt ([Sigma E2002](#))
 Estriol 3-sulfate sodium salt ([Sigma E6375](#))
 Estrone ([Cerilliant E-075](#))
 Estrone 3-(β-D-glucuronide) sodium salt ([Sigma E1752](#))
 Estrone 3-sulfate sodium salt ([Sigma E0251](#))