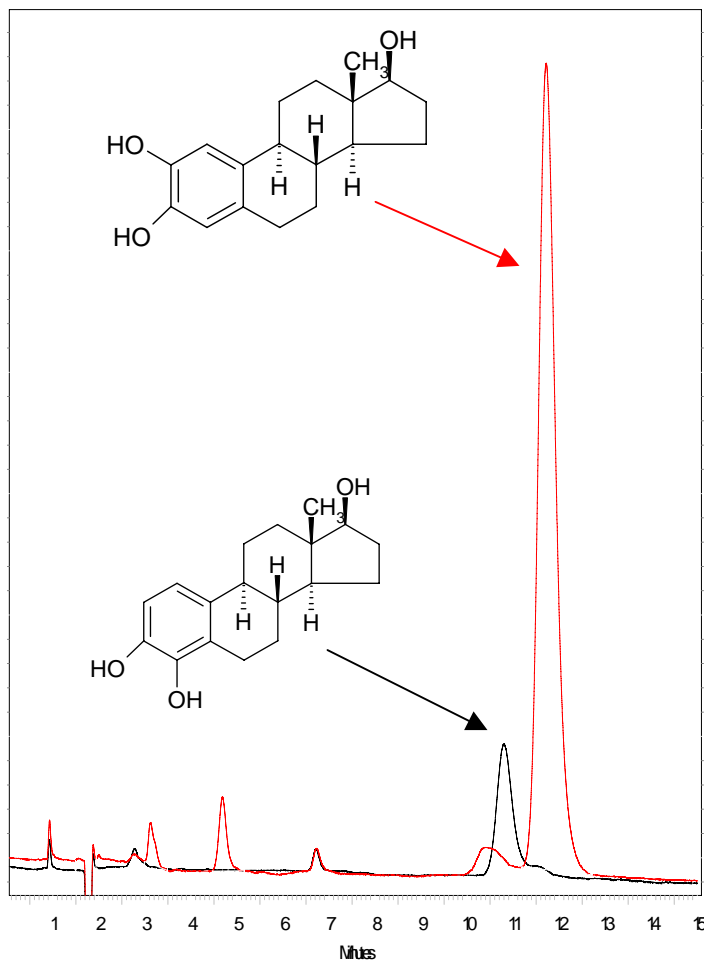




# Positional Isomers

## Steroids



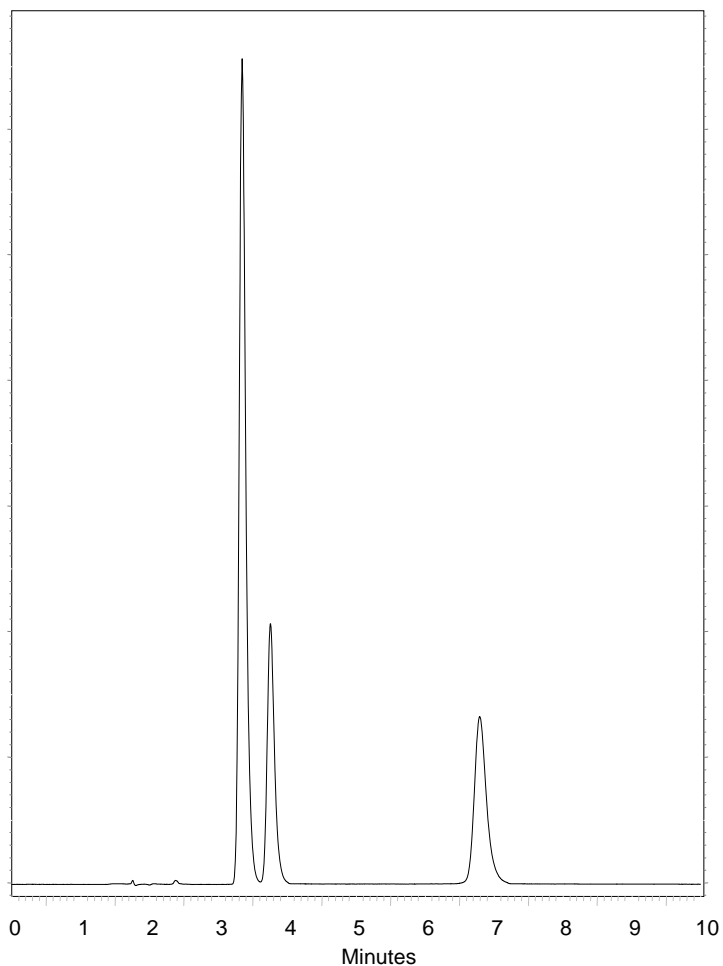
- Column : **Fortis Phenyl 150x4.6mm 5 $\mu$**
- p/n : **FPH-050705**
- Mobile Phase:  
**40 : 60 H<sub>2</sub>O : MeOH**
  
- Flow : **1ml/min**
- Temp : **20°C**
- $\lambda$  : **210nm**

1. **4-Hydroxyestradiol (mw=288.38)**
2. **2-Hydroxyestradiol (mw=288.38)**



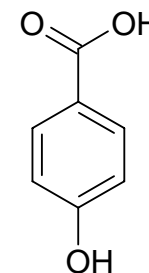
# Positional Isomers

## Hydroxybenzoic acids



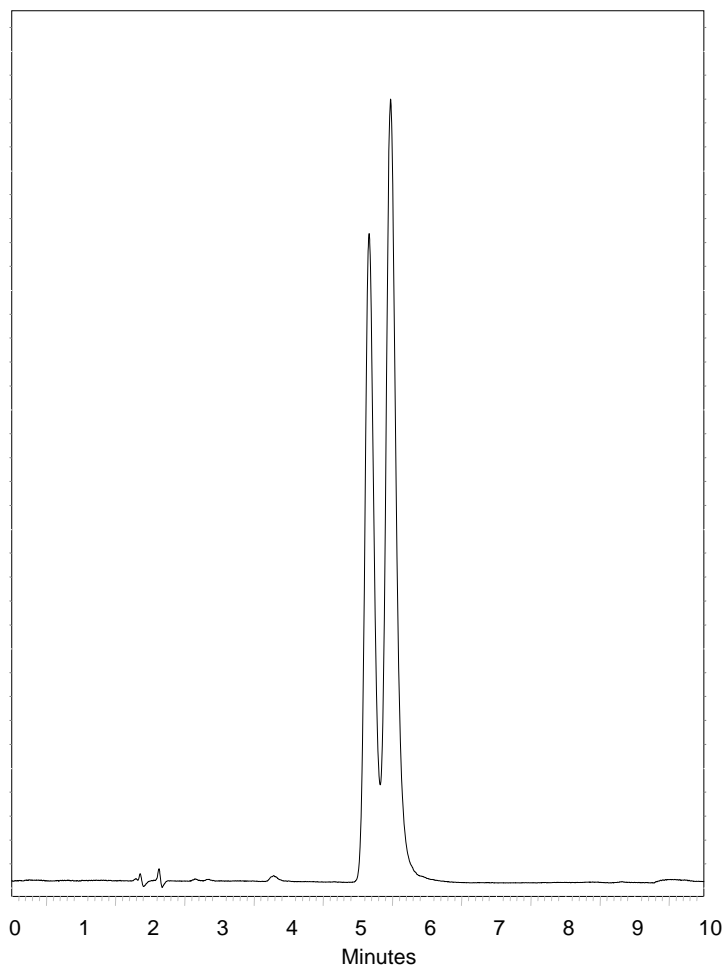
- Column : **Fortis Phenyl 150x4.6mm 5 $\mu$**
- p/n : **FPH-050705**
- Mobile Phase:  
**50:50 – H<sub>2</sub>O + 0.1% formic acid  
:MeOH**
- Flow : **1ml/min**
- Temp : **20°C**
- $\lambda$  : **280nm**

1. **4-Hydroxybenzoic acid**
2. **3-Hydroxybenzoic acid**
3. **2-Hydroxybenzoic acid**





# Positional Isomers Nicotinamides



- Column : **Fortis Phenyl 150x4.6mm 5 $\mu$**
- p/n : **FPH-050705**
- Mobile Phase:  
**80:20 – 20mM NH<sub>4</sub>OAc :MeOH**
  
- Flow : **1ml/min**
- Temp : **20°C**
- $\lambda$  : **254nm**

- 1. Isonicotinamide**
- 2. Nicotinamide**

