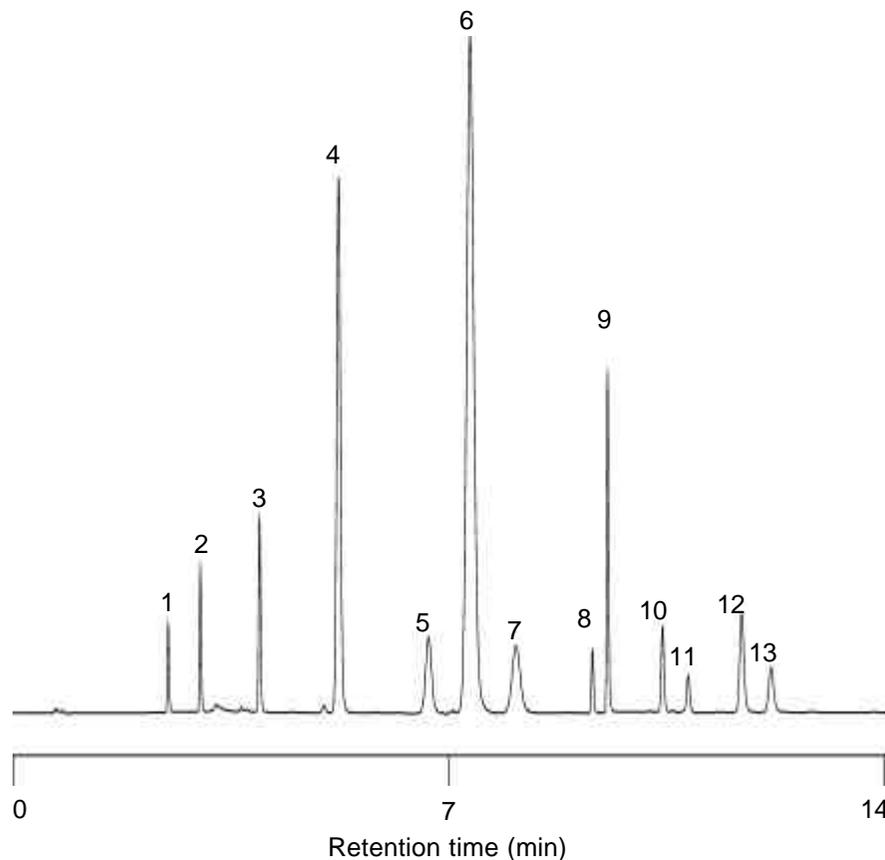




# Applications

## Euthyrox

**MERCK**



<b>Column</b>	<b>Chromolith Performance RP-18e, 100-4.6mm</b>	
<b>Mobile phase</b>	A: ACN/0,1 M NaH <sub>2</sub> PO <sub>4</sub> with H <sub>3</sub> PO <sub>4</sub> at pH1,8 50/50 (v/v) B: 0,1 M NaH <sub>2</sub> PO <sub>4</sub> with H <sub>3</sub> PO <sub>4</sub> at pH1,8	
<b>Gradient</b>	0 min	10%A
	2 min	60%A
	7 min	60%A
	8 min	100%A
	15 min	100%A
<b>Flow rate</b>	2 ml/min	
<b>Detection</b>	225 nm	
<b>Temp.</b>	30°C	
<b>Pressure</b>	41 bar	
<b>Inj.Volume</b>	3 µl	
<b>Sample</b>		
	1) 3-Iodtyrosin	53 µg/ml
	2) 3,5-Diidotyrosin	74 µg/ml
	3) Diiodthyronin	90 µg/ml
	4) Liothyronin (High concentration)	360 µg/ml
	5) Liothyroninmethylester	129 µg/ml
	6) Levotyroxin (High concentration)	970 µg/ml
	7) Liothyroninethylester	117 µg/ml
	8) Levothyroxinmethylester	67 µg/ml
	9) Levothyroxinethylester	107 µg/ml
	10)Triiodthyroessigsäure	79 µg/ml
	11)Triiodthyropropionsäure	62 µg/ml
	12)Tetraiodthyroameisensäure	82 µg/ml
	13)Tetraiodthyroessigsäure	117 µg/ml