



Fortis Technologies

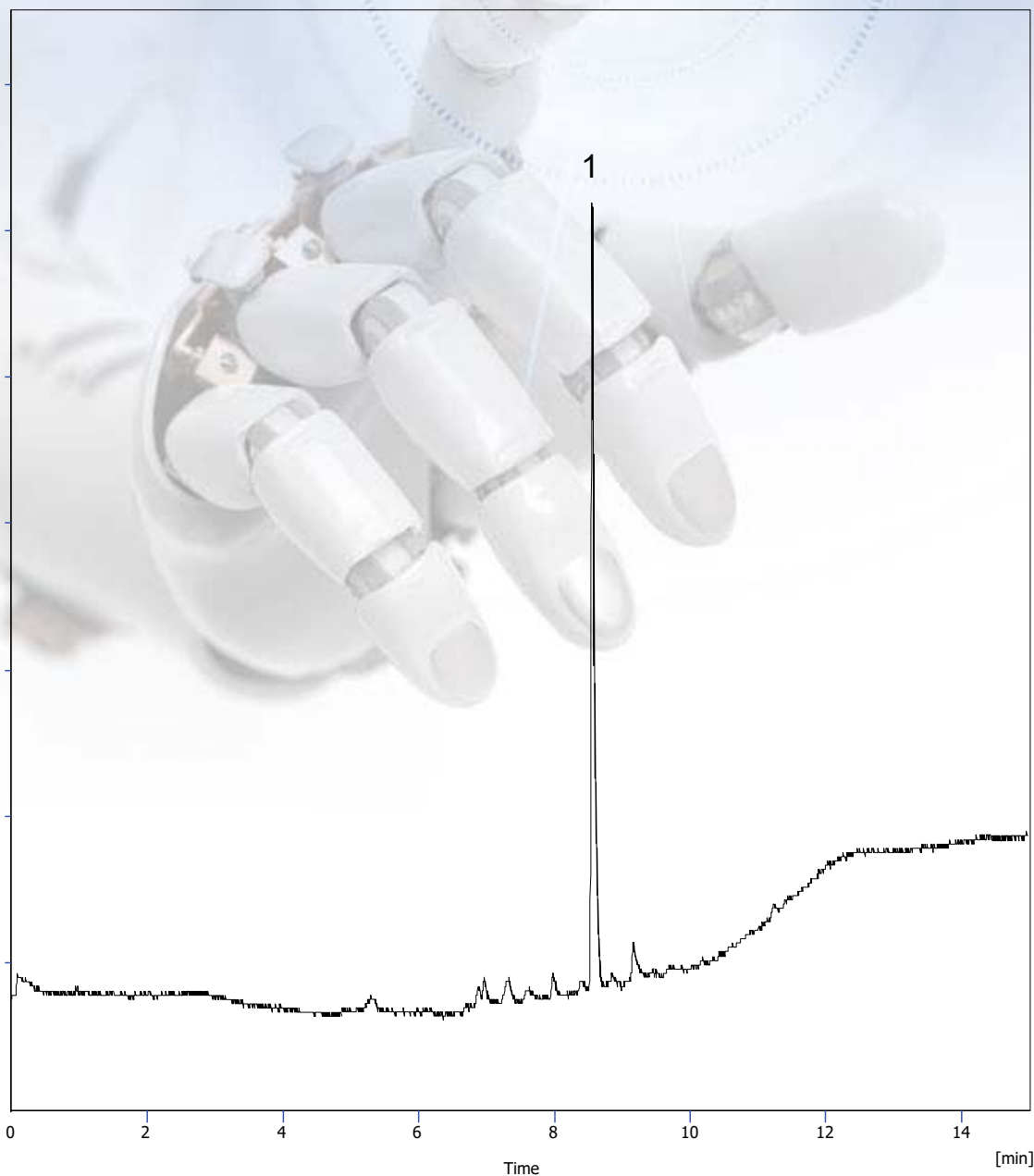
Strength in Technology



Evosphere AQUA



Atorvastatin



➤ Column : **Evosphere AQUA 150x4.6 3um**

➤ p/n : **EVOAQ-050703**

➤ Mobile Phase:

A- Water + 0.1% Formic acid

B- ACN + 0.1% Formic acid

10-100% B in 10 mins, 5 min hold

➤ Flow : **1.0 ml/min**

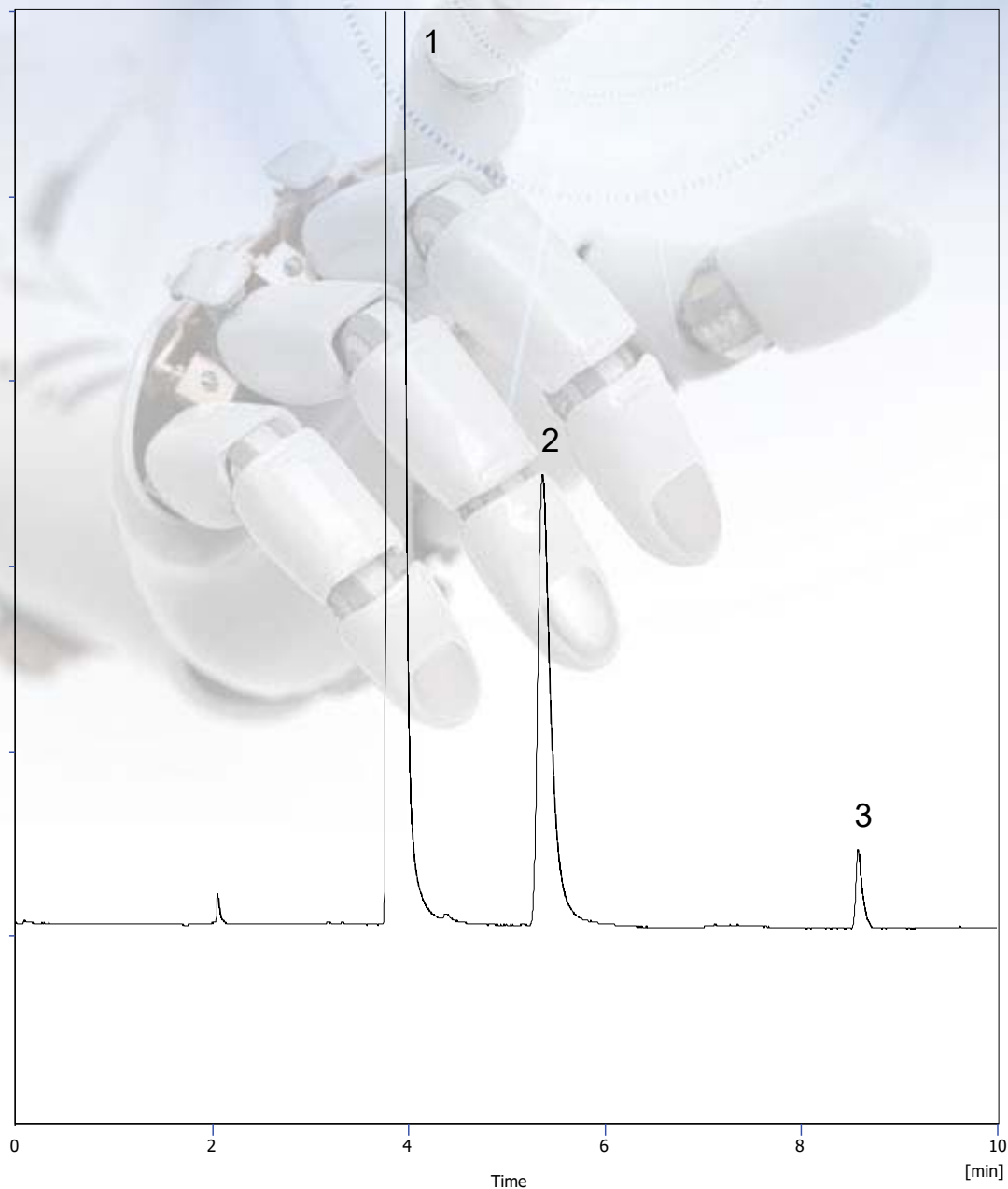
➤ Temp : **AMB**

➤ λ : **254nm**

1. **Atorvastatin**



Beechams Flu



➤ Column : **Evosphere AQUA 150x4.6 3um**

➤ p/n : **EVOAQ-050703**

➤ Mobile Phase:

A- Water + 0.1% Formic acid

B- ACN + 0.1% Formic acid

10-50% B in 10 mins, 5 min hold

➤ Flow : **1.0 ml/min**

➤ Temp : **AMB**

➤ λ : **254nm**

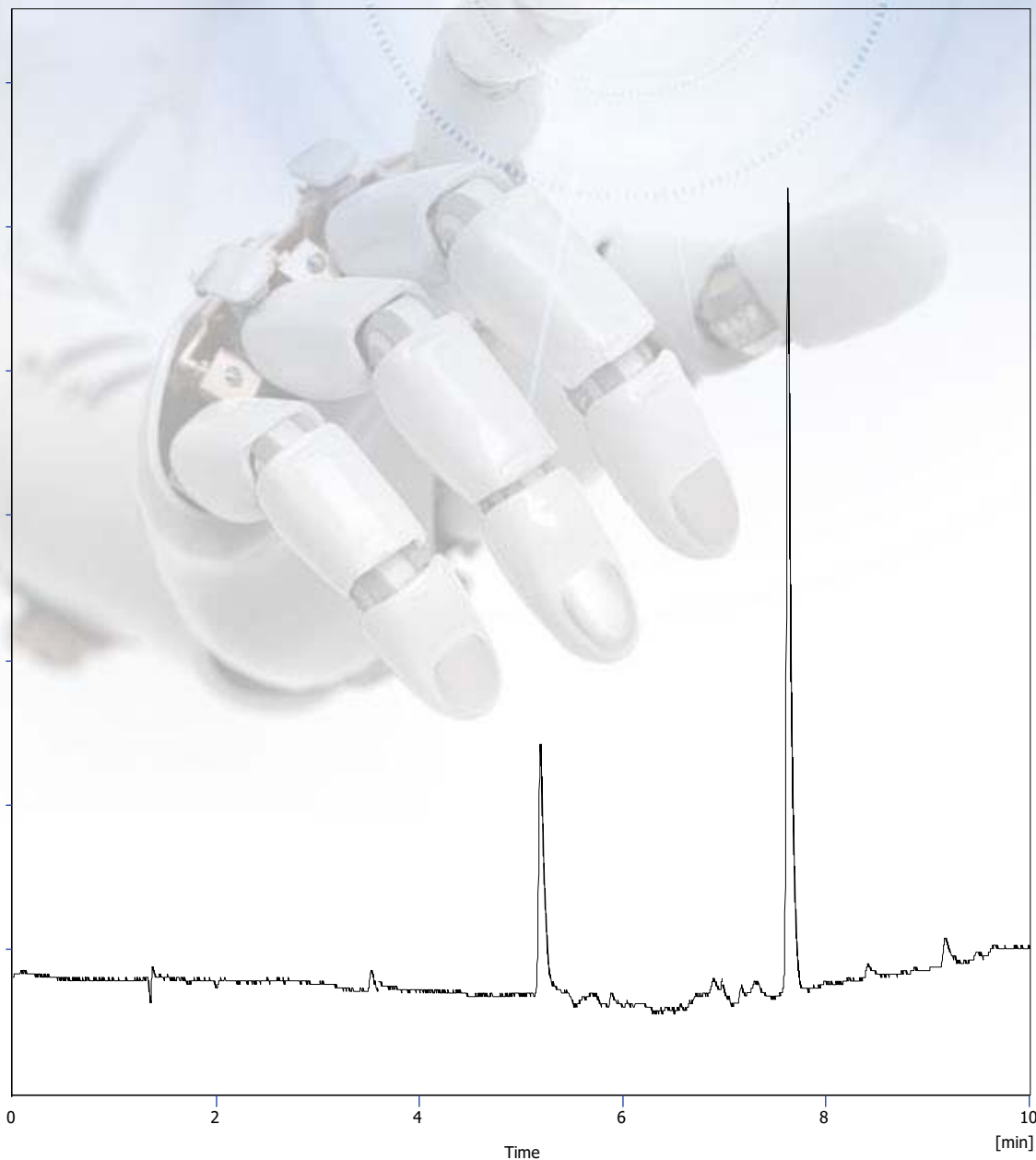
1. **Acetaminophen**

2. **Caffeine**

3. **Phenylephrine**



Bendroflumethiazide

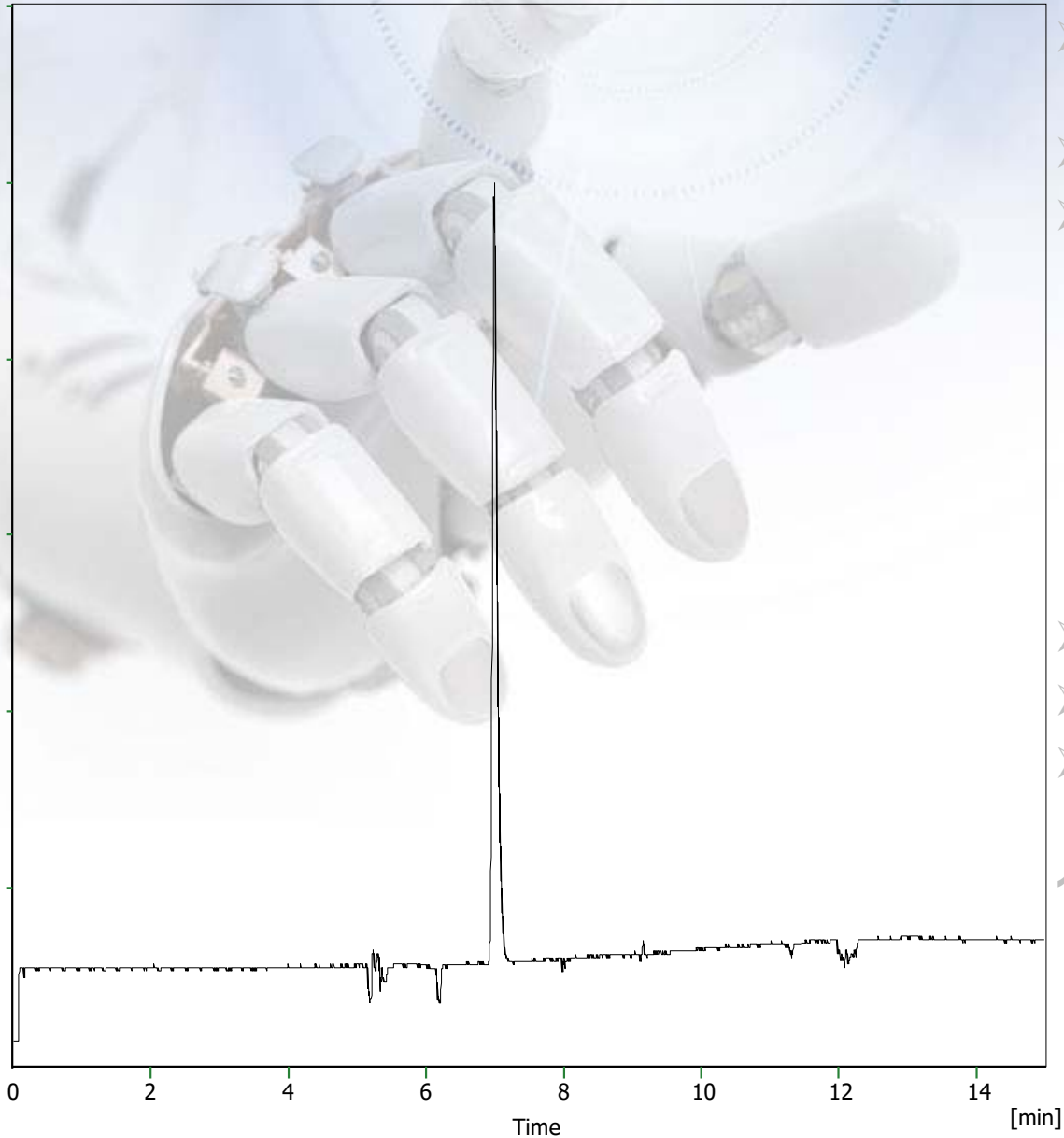


- Column : **Evosphere AQUA 150x4.6 3um**
- p/n : **EVOAQ-050703**
- Mobile Phase:
 - A- Water + 0.1% Formic acid**
 - B- ACN + 0.1% Formic acid**
 - 10-100% B in 10 mins**
- Flow : **1.0 ml/min**
- Temp : **AMB**
- λ : **254nm**

1. Bendroflumethiazide



Benfluralin



- Column : **Evosphere AQUA 150x4.6 3um**
 - p/n : **EVOAQ-050703**
 - Mobile Phase:
 - A- 20mM Ammonium Formate (pH 3.0)**
 - B- ACN**
 - 70-100% B in 10 mins, 5 min hold**
 - Flow : **1.0 ml/min**
 - Temp : **AMB**
 - λ : **275nm**
- 1. Benfluralin**



Catecholamines



➤ Column : **Evosphere AQUA 150x4.6 3um**

➤ p/n : **EVOAQ-050703**

➤ Mobile Phase:

A-0.1% Formic acid in Water

B- 0.1% Formic acid in ACN

0-70% B in 10 mins

➤ Flow : **1.0 ml/min**

➤ Temp : **20°C**

➤ λ : **270nm**

1. **Dopamine**

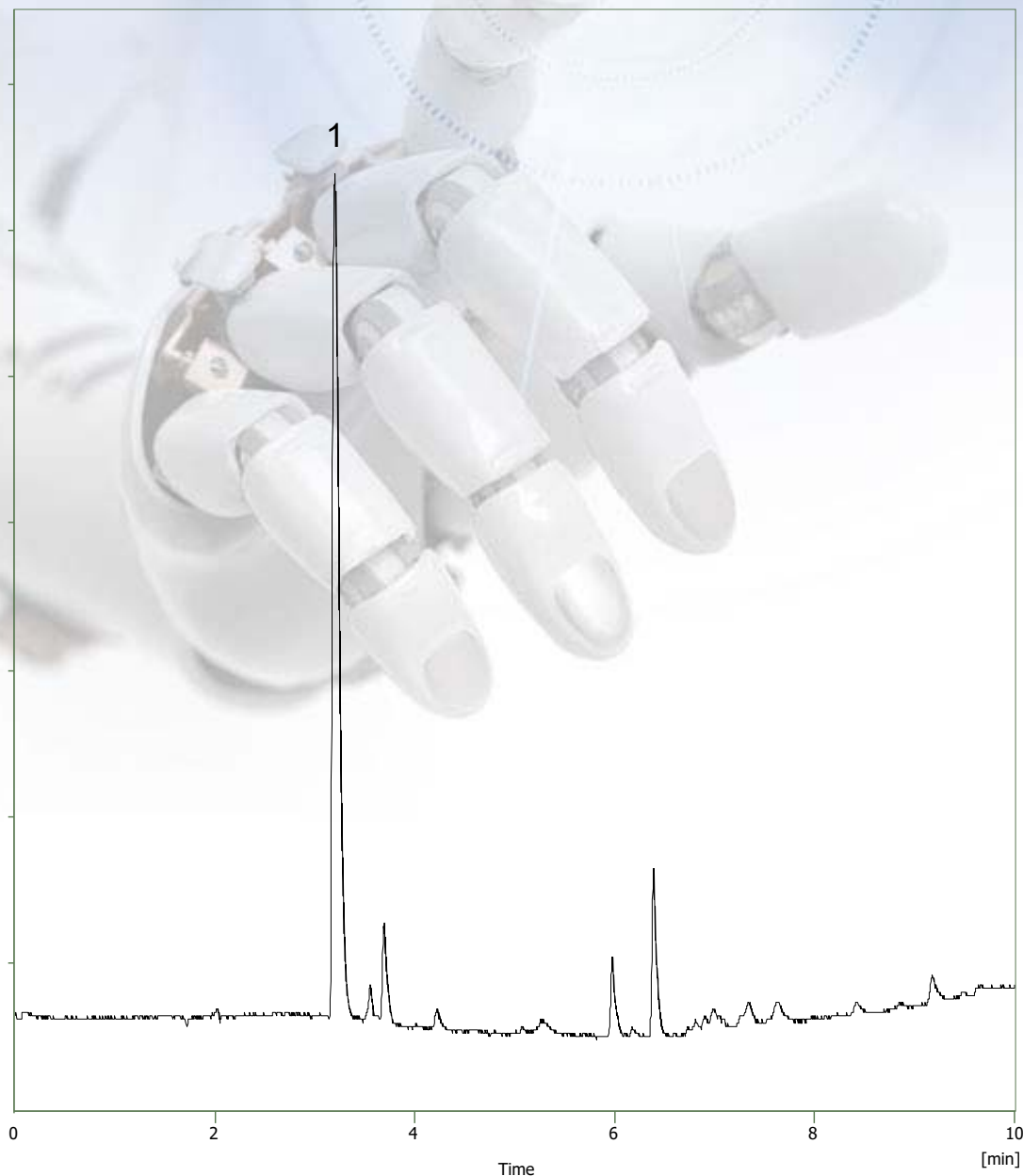
2. **Serotonin**

3. **DOPAC**

4. **5-HIAA**



Chloramphenicol



- Column : **Evosphere AQUA 150x4.6 3um**
- p/n : **EVOAQ-050703**
- Mobile Phase:
 - A- Water + 0.1% Formic acid**
 - B- ACN + 0.1% Formic acid**
 - 10-100% B in 10 mins**
- Flow : **1.0 ml/min**
- Temp : **AMB**
- λ : **254nm**

1. Chloramphenicol



Folic Acid



➤ Column : **Evosphere AQUA 150x4.6
3um**

➤ p/n : **EVOAQ-050703**

➤ Mobile Phase:

A- 25mM NH₄OAc

B- ACN

5-40% B in 10 mins

➤ Flow : **1.0 ml/min**

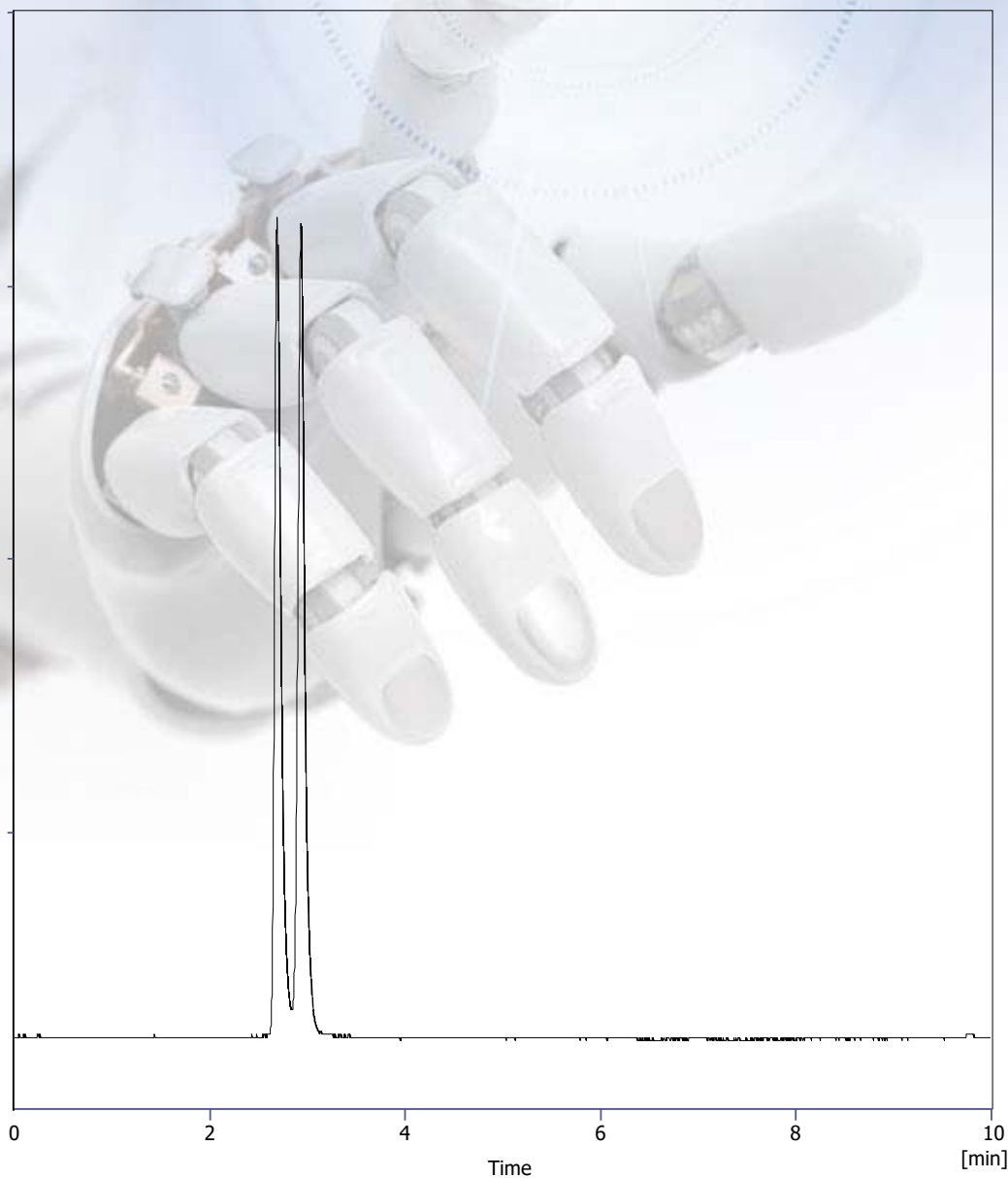
➤ Temp : **20°C**

➤ λ : **282nm**

1. Folic Acid



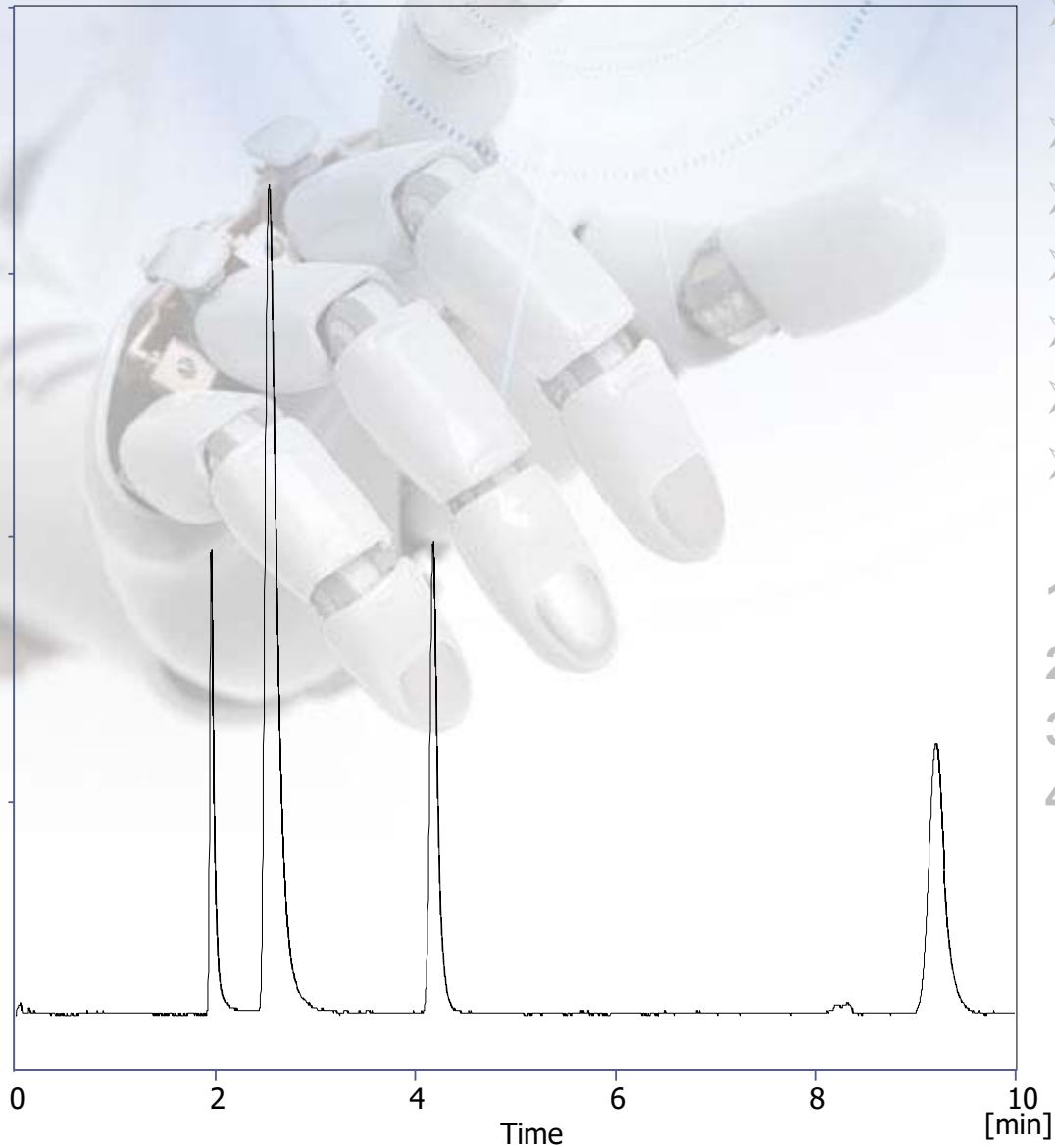
Iso-ascorbic and Ascorbic Acids



- Column : **Evosphere AQUA 150x4.6 3um**
 - p/n : **EVOAQ-050703**
 - Mobile Phase:
0.1% Formic Acid in Water
 - Flow : **1.0 ml/min**
 - Temp : **20°C**
 - λ : **254nm**
1. **Iso-ascorbic Acid**
 2. **Ascorbic Acid**



Nucleosides



➤ Column : **Evosphere AQUA 150x4.6 3um**

➤ p/n : **EVOAQ-050703**

➤ Mobile Phase:

➤ **98:2 25mM NH₄OAc:ACN**

➤ Flow : **1.0 ml/min**

➤ Temp : **20°C**

➤ λ : **254nm**

1. **Uracil**

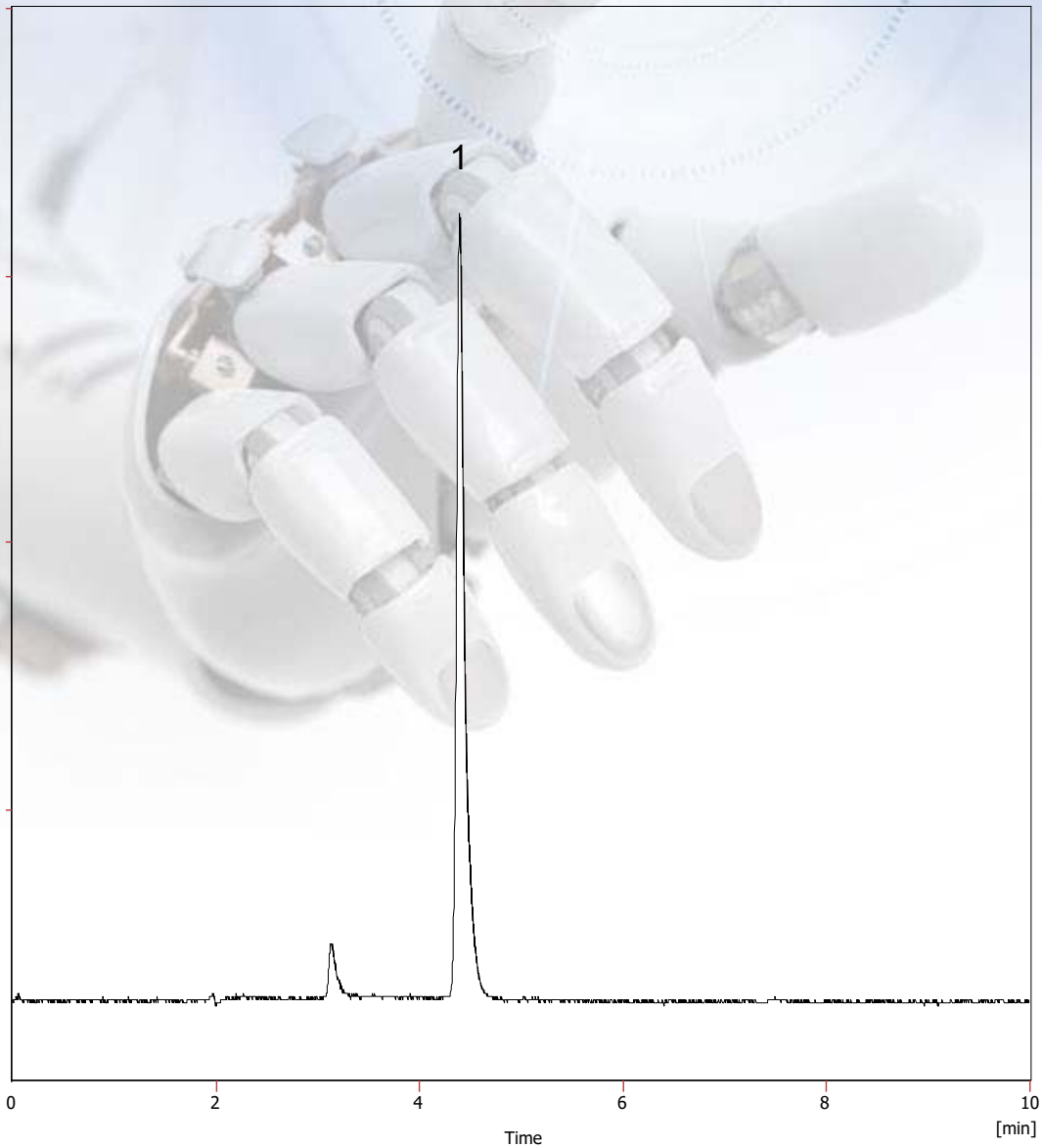
2. **Uridine**

3. **Cytosine**

4. **Guanosine**



Patulin

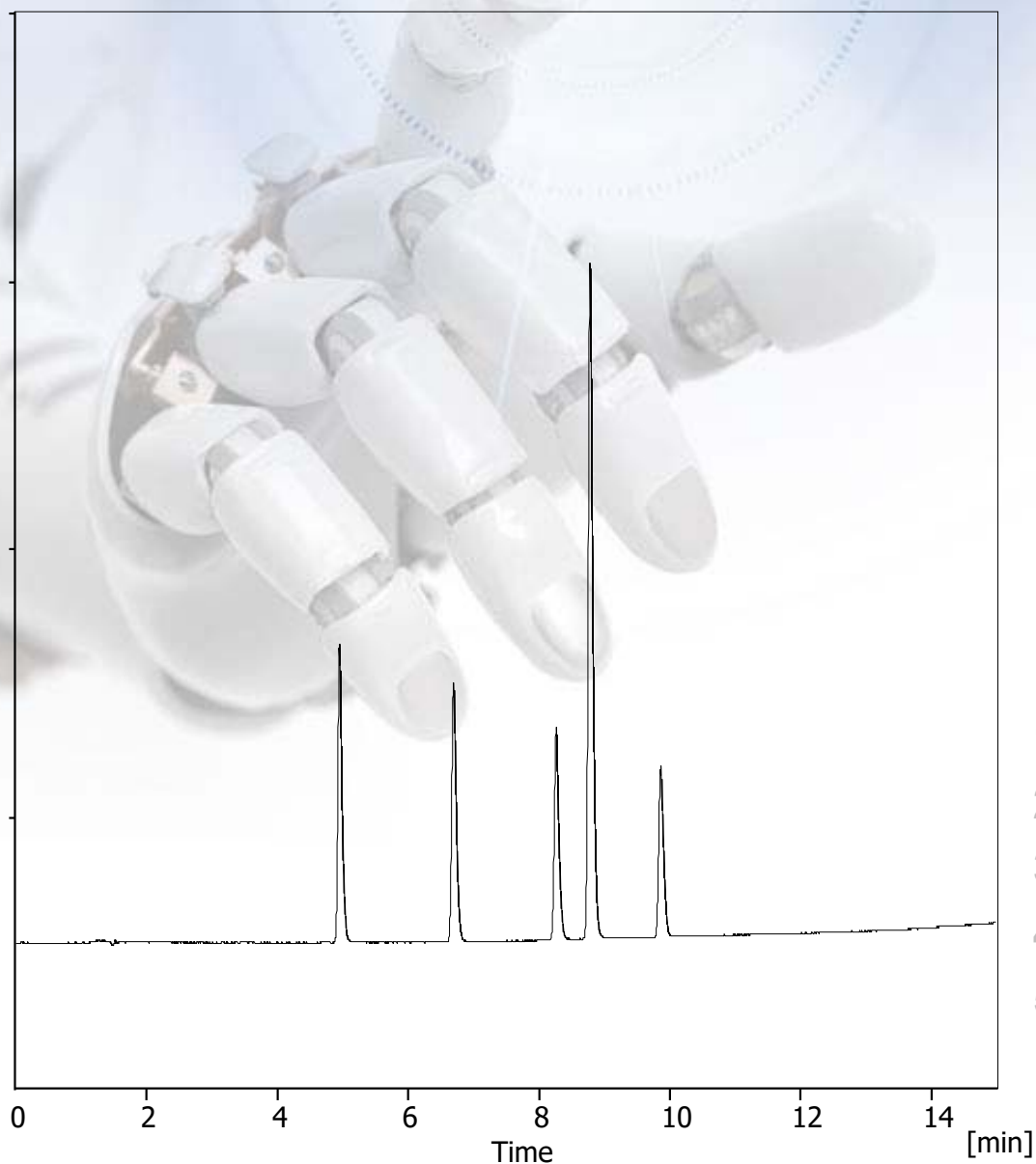


- Column : **Evosphere AQUA 150x4.6 3um**
- p/n : **EVOAQ-050703**
- Mobile Phase:
 - **90:10 Water:ACN**
- Flow : **1.0 ml/min**
- Temp : **AMB**
- λ : **275nm**

1. Patulin



Phenones

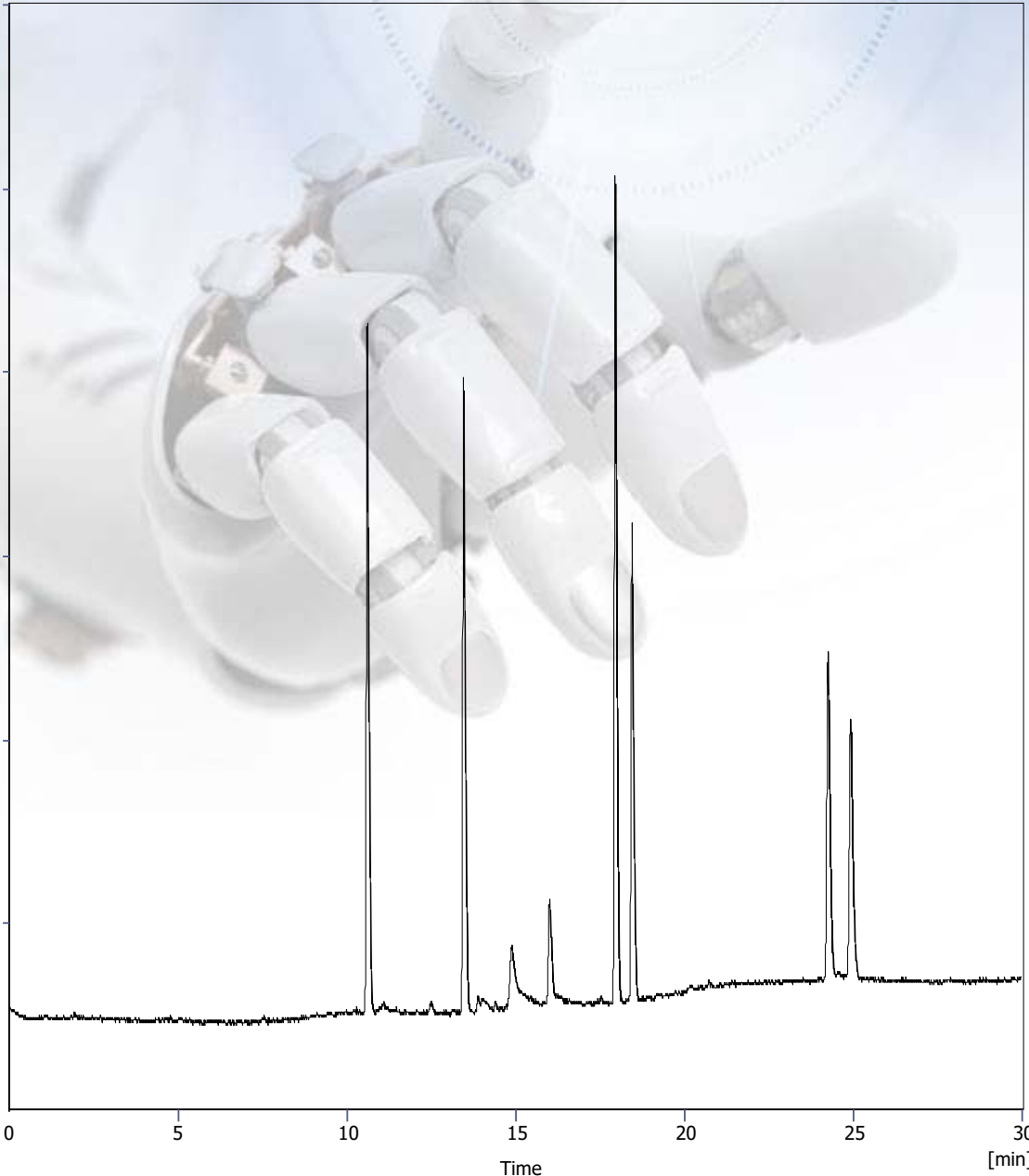


- Column : **Evosphere AQUA 150x4.6 3um**
- p/n : **EVOAQ-050703**
- Mobile Phase:
 - **A- 0.1% Formic Acid in Water**
 - **B- 0.1% Formic Acid in MeOH**
 - **0-40% B in 15 mins**
- Flow : **1.0 ml/min**
- Temp : **20°C**
- λ : **254nm**

1. **Acetophenone**
2. **Propiophenone**
3. **Butyrophenone**
4. **Benzophenone**
5. **Valerophenone**



Phthalate Selectivity

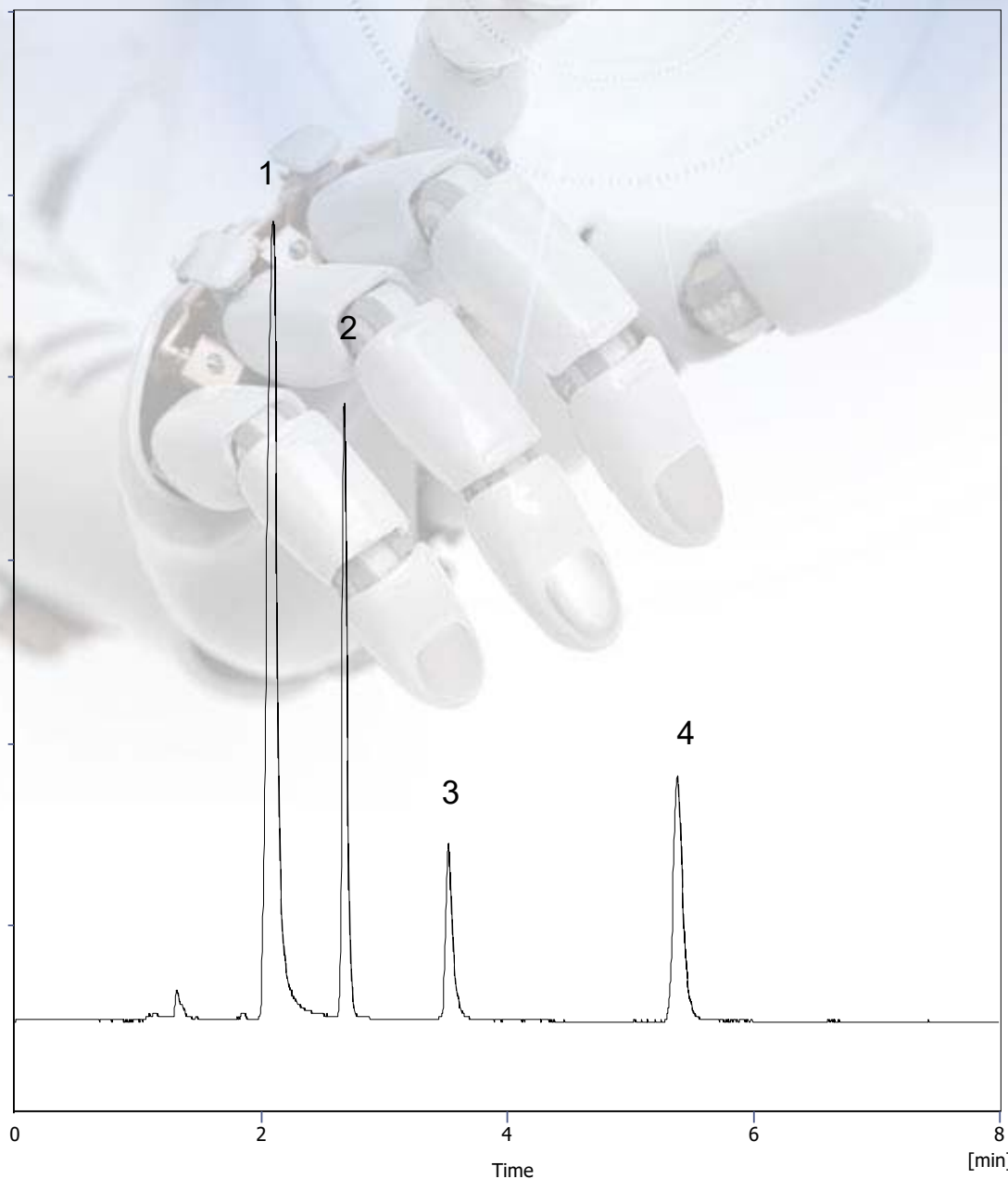


- Column : **Evosphere AQUA 150x4.6 3um**
- p/n : **EVOAQ-050703**
- Mobile Phase:
 - A- Water**
 - B- ACN**
 - 10-100% B in 20 mins, 10 min hold**
- Flow : **1.0 ml/min**
- Temp : **AMB**
- λ : **210nm**

- 1. Benzyl butyl phthalate**
- 2. Bis(2-ethylhexyl) adipate**
- 3. Bis(2-ethylhexyl) phthalate**
- 4. Dibutyl phthalate**
- 5. Diethyl phthalate**
- 6. Dimethyl phthalate**
- 7. Di-*n*-octyl phthalate**



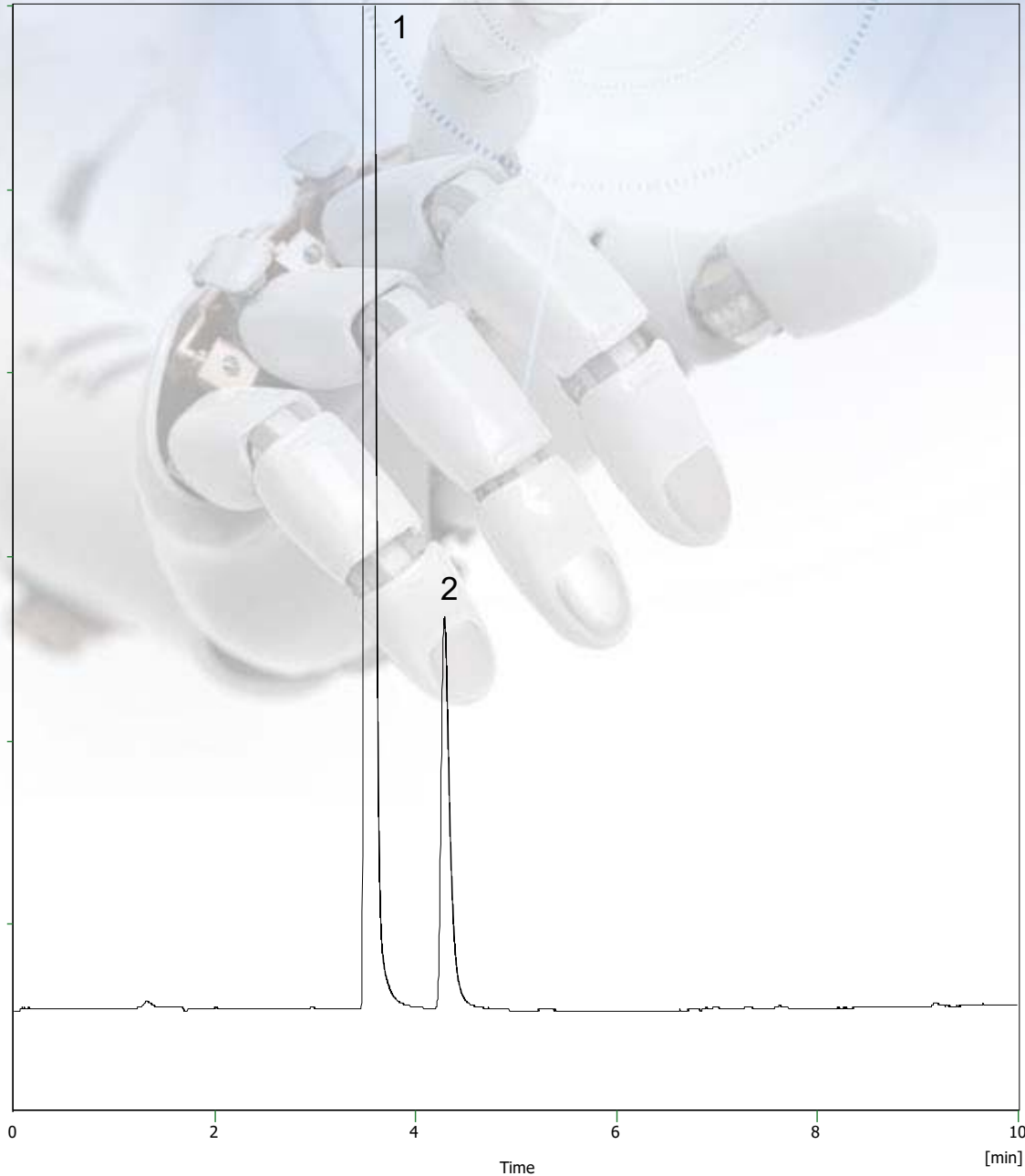
Polar Test Mix



- Column : **Evosphere AQUA 150x4.6 3um**
 - p/n : **EVOAQ-050703**
 - Mobile Phase:
75:25 20mM KH₂PO₄(pH7.6):ACN
 - Flow : **1.0 ml/min**
 - Temp : **30°C**
 - λ : **270nm**
1. **4-Nitrocatechol**
 2. **Resorcinol**
 3. **3-Methoxycatechol**
 4. **4-Methylcatechol**



Solpadol



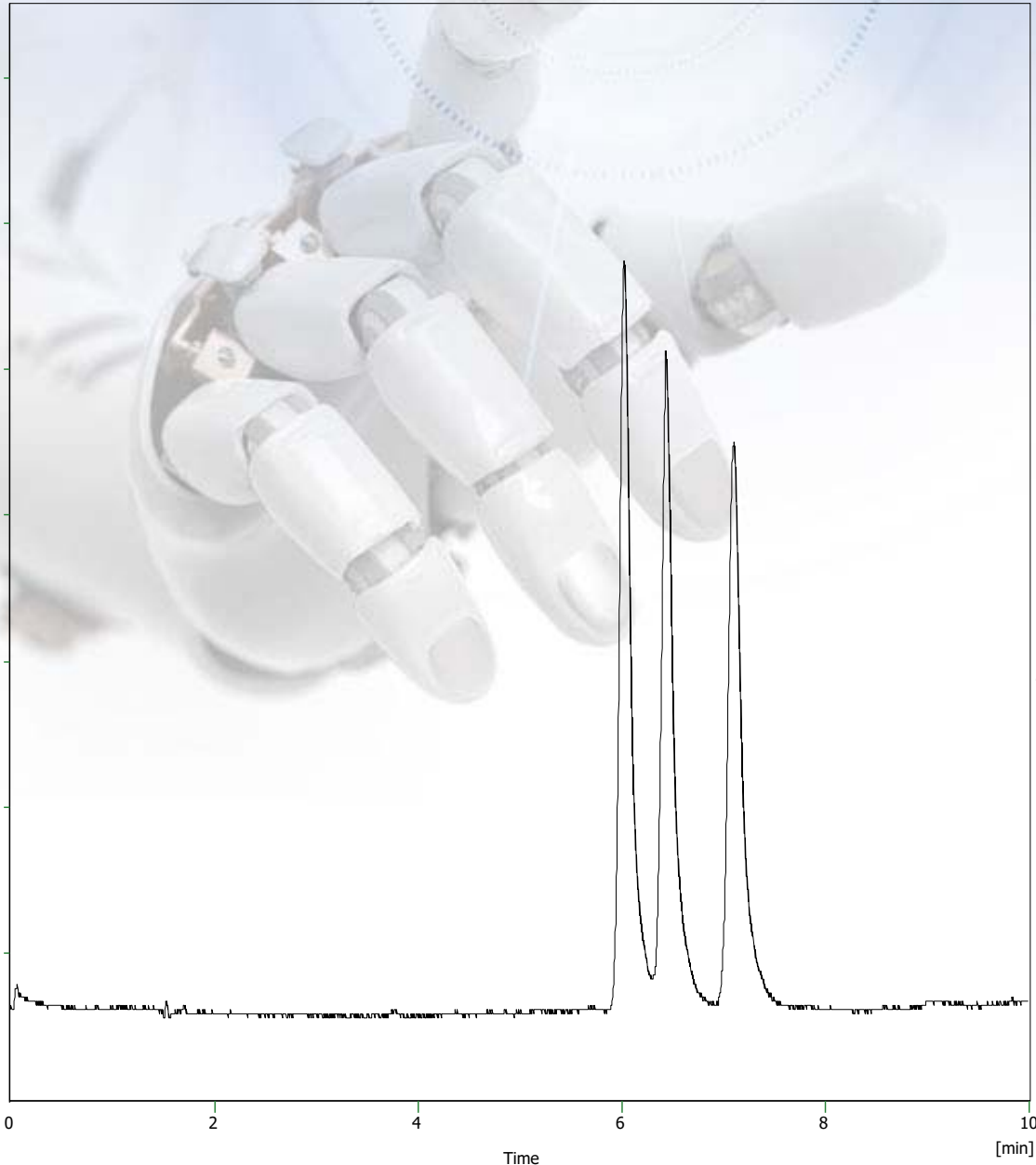
- Column : **Evosphere AQUA 150x4.6 3um**
- p/n : **EVOAQ-050703**
- Mobile Phase:
 - A- Water + 0.1% Formic acid**
 - B- ACN + 0.1% Formic acid**
 - 10-50% B in 10 mins, 5 min hold**

- Flow : **1.0 ml/min**
- Temp : **AMB**
- λ : **254nm**

- 1. Acetaminophen**
- 2. Co-codamol**



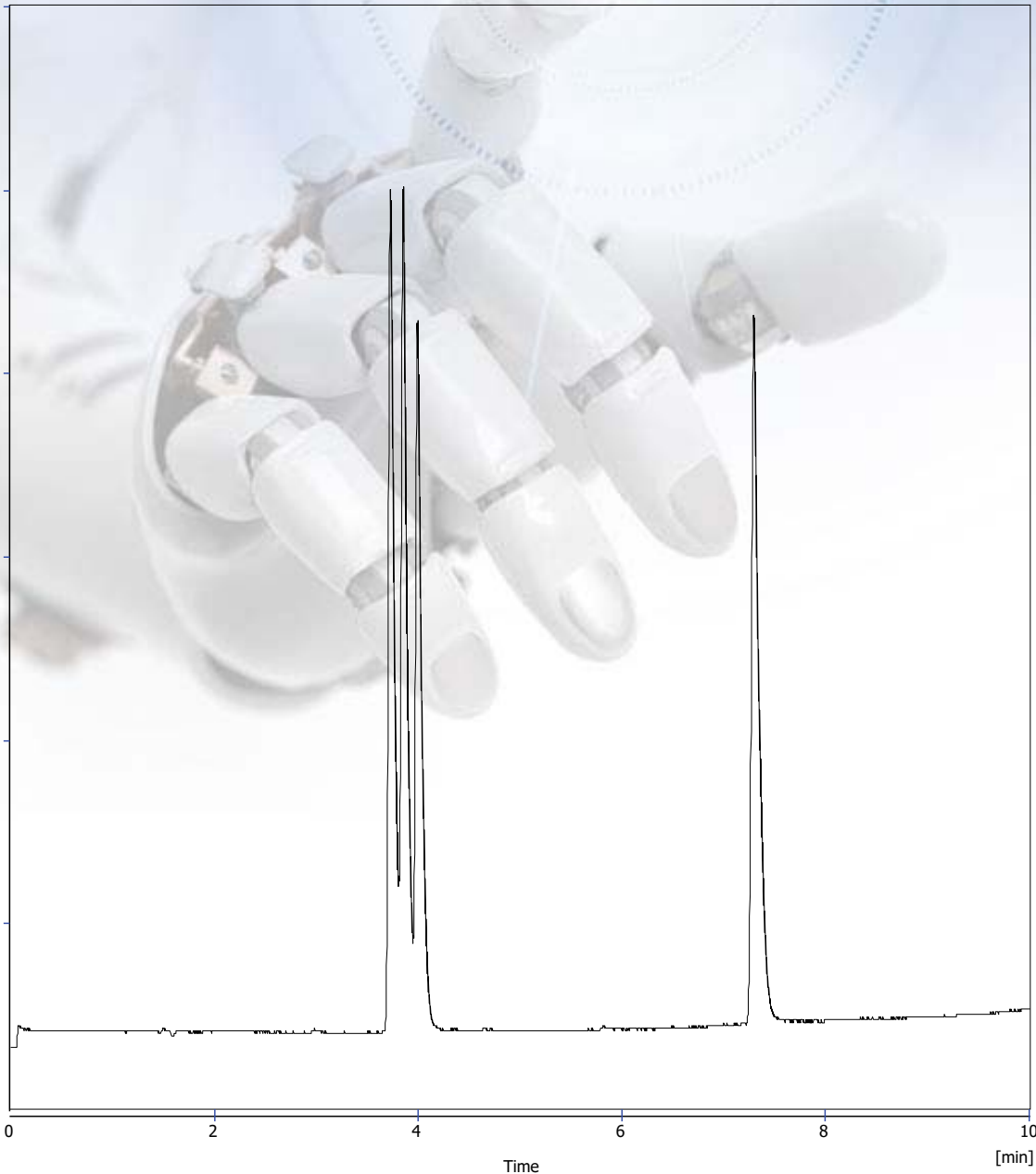
Steroids



- Column : **Evosphere AQUA 150x4.6 3um**
 - p/n : **EVOAQ-050703**
 - Mobile Phase:
80:20 Water + 0.1% Formic acid
:ACN + 0.1% Formic acid
 - Flow : **1.0 ml/min**
 - Temp : **AMB**
 - λ : **254nm**
1. **Prednisolone**
 2. **Prednisone**
 3. **Cortisone**



Steroids



➤ Column : **Evosphere AQUA 150x4.6 3um**

➤ p/n : **EVOAQ-050703**

➤ Mobile Phase:

A- Water + 0.1% Formic acid

B- ACN + 0.1% Formic acid

30-100% B in 10 mins

➤ Flow : **1.0 ml/min**

➤ Temp : **AMB**

➤ λ : **254nm**

1. **Prednisolone**

2. **Prednisone**

3. **Cortisone**

4. **17 α Hydroxyprogesterone**

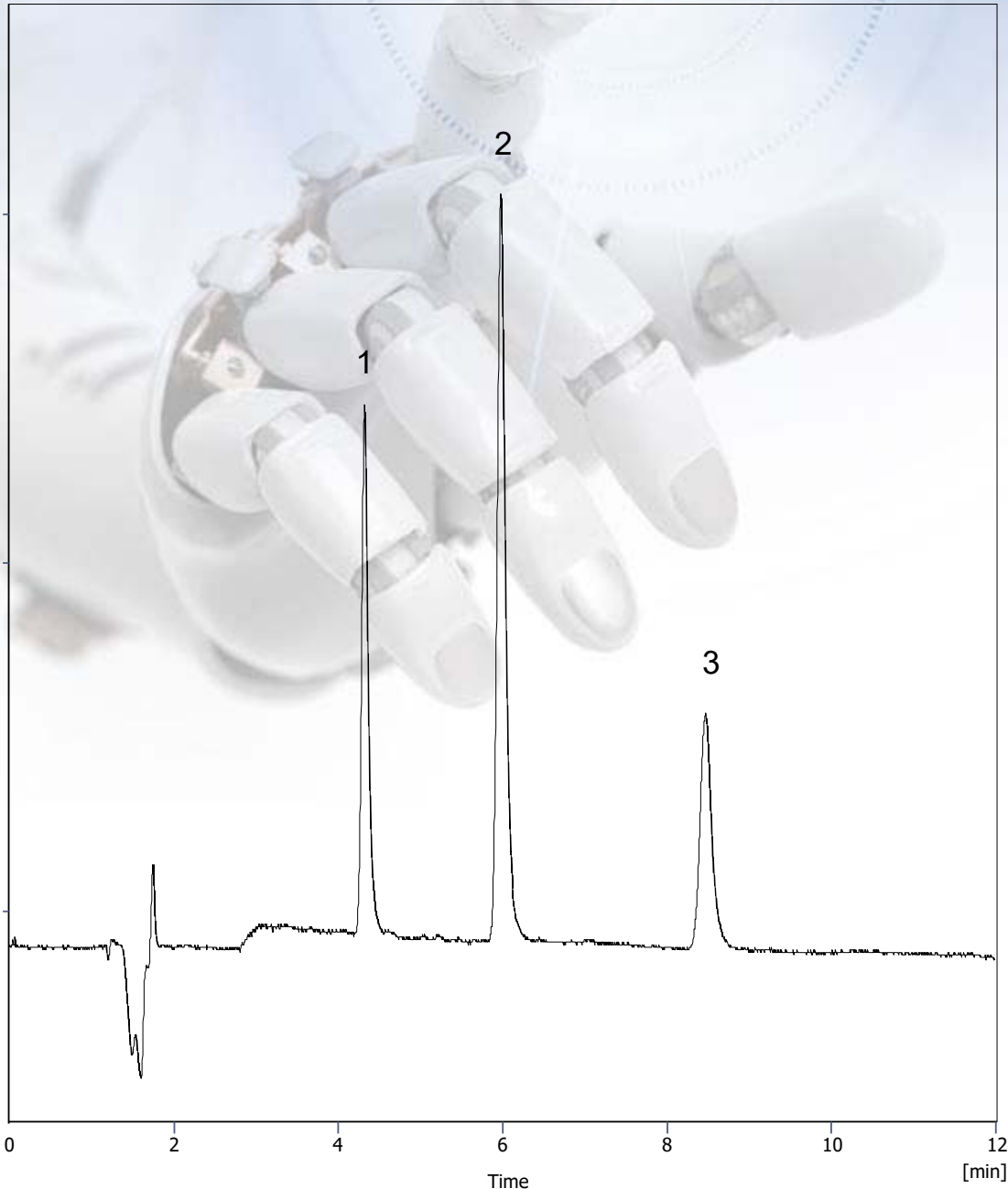


A white robotic hand is shown in a close-up, reaching towards the center. The hand has a sleek, modern design with visible joints and a blue glowing line running through its fingers. In the background, there are several blue glowing circles and lines, suggesting a digital or futuristic environment.

Evosphere C12



Benzodiazepines

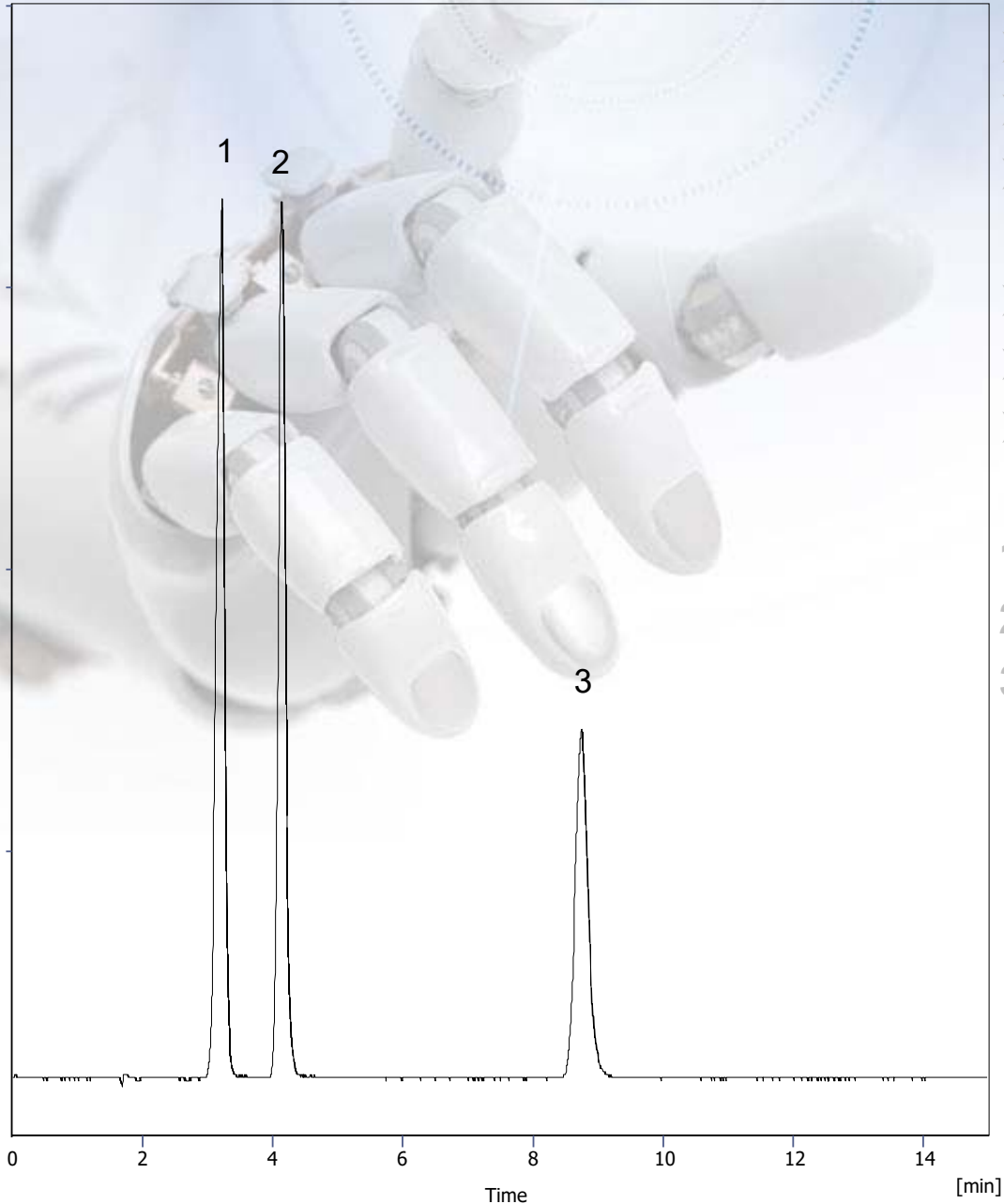


- Column : **Evosphere C12 150x4.6 5um**
- p/n : **EVO12-050705**
- Mobile Phase:
50:50 Water + 0.1% Formic acid:ACN
- Flow : **1.0 ml/min**
- Temp : **20°C**
- λ : **230nm**

1. **Lorazepam**
2. **Temazepam**
3. **Diazepam**



Sulfa Drugs

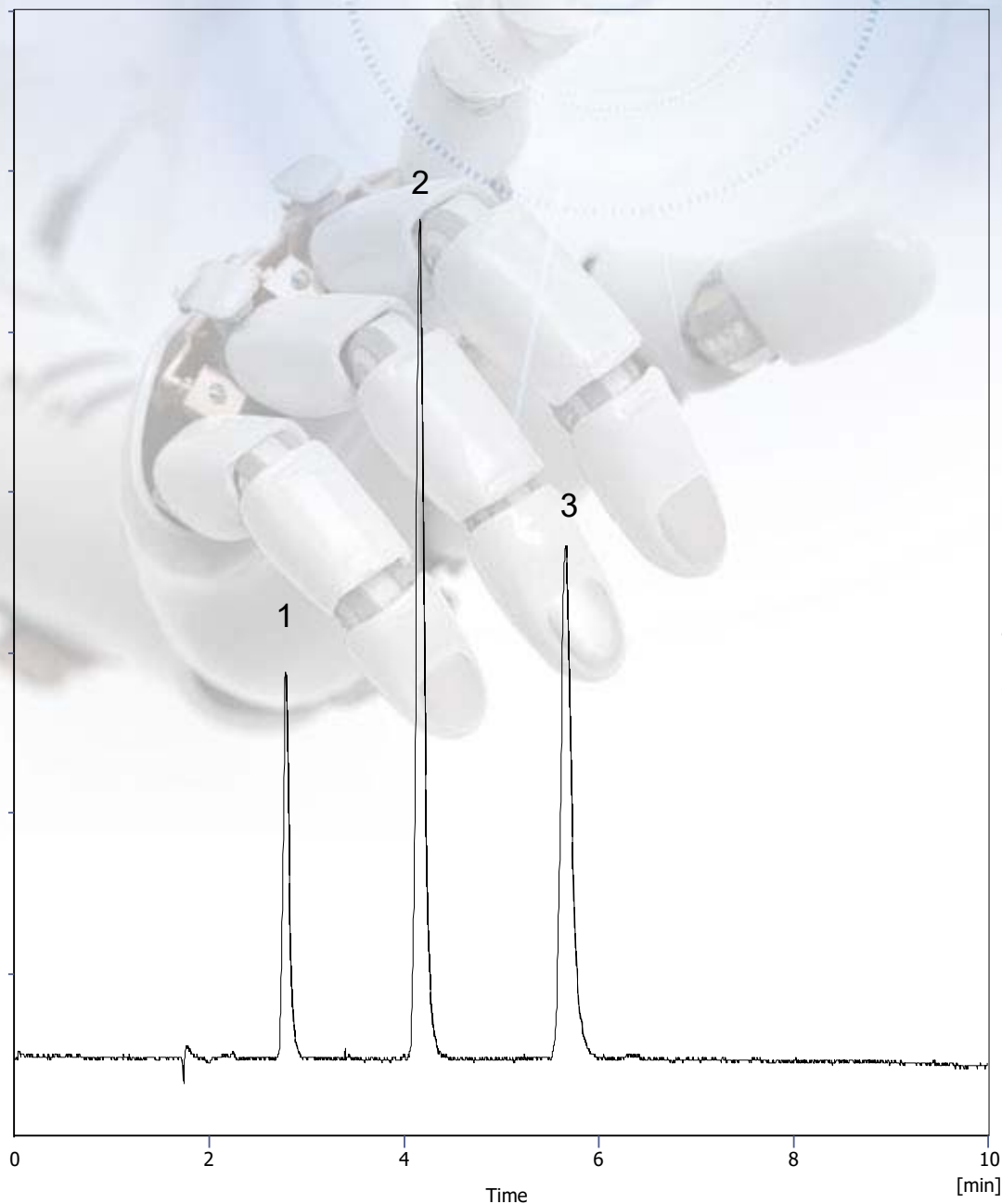


- Column : **Evosphere C12 150x4.6 5um**
- p/n : **EVO12-050705**
- Mobile Phase:
70:30 Water + 0.1% Formic acid:MeOH
- Flow : **1.0 ml/min**
- Temp : **25°C**
- λ : **254nm**

- 1. Sulfathiazole**
- 2. Sulfamerazine**
- 3. Sulfamethoxazole**



Xanthine Derivatives



- Column : **Evosphere C12 150x4.6 5um**
- p/n : **EVO12-050705**
- Mobile Phase:
70:30 Water + 0.1% Formic acid:MeOH
- Flow : **1.0 ml/min**
- Temp : **20°C**
- λ : **254nm**

- 1. Theobromine**
- 2. Theophylline**
- 3. Caffeine**

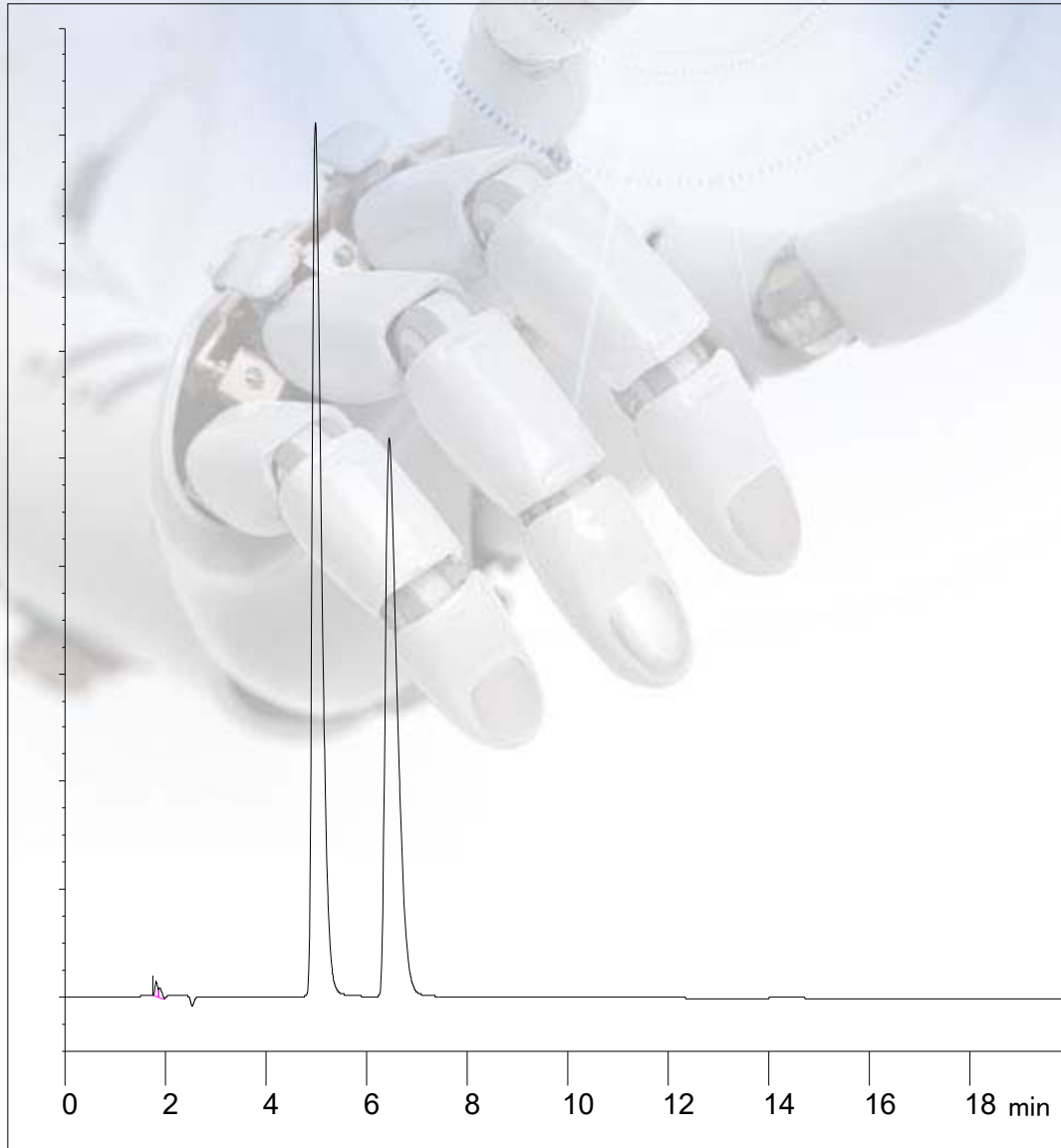


A white robotic hand is shown in a dynamic pose, reaching towards the viewer. The hand is composed of smooth, white plastic segments with visible joints. In the background, there are faint, glowing blue circular patterns and lines, suggesting a digital or virtual environment. The overall aesthetic is clean and futuristic.

Evosphere C18/AR



Antiarrhythmic Drugs



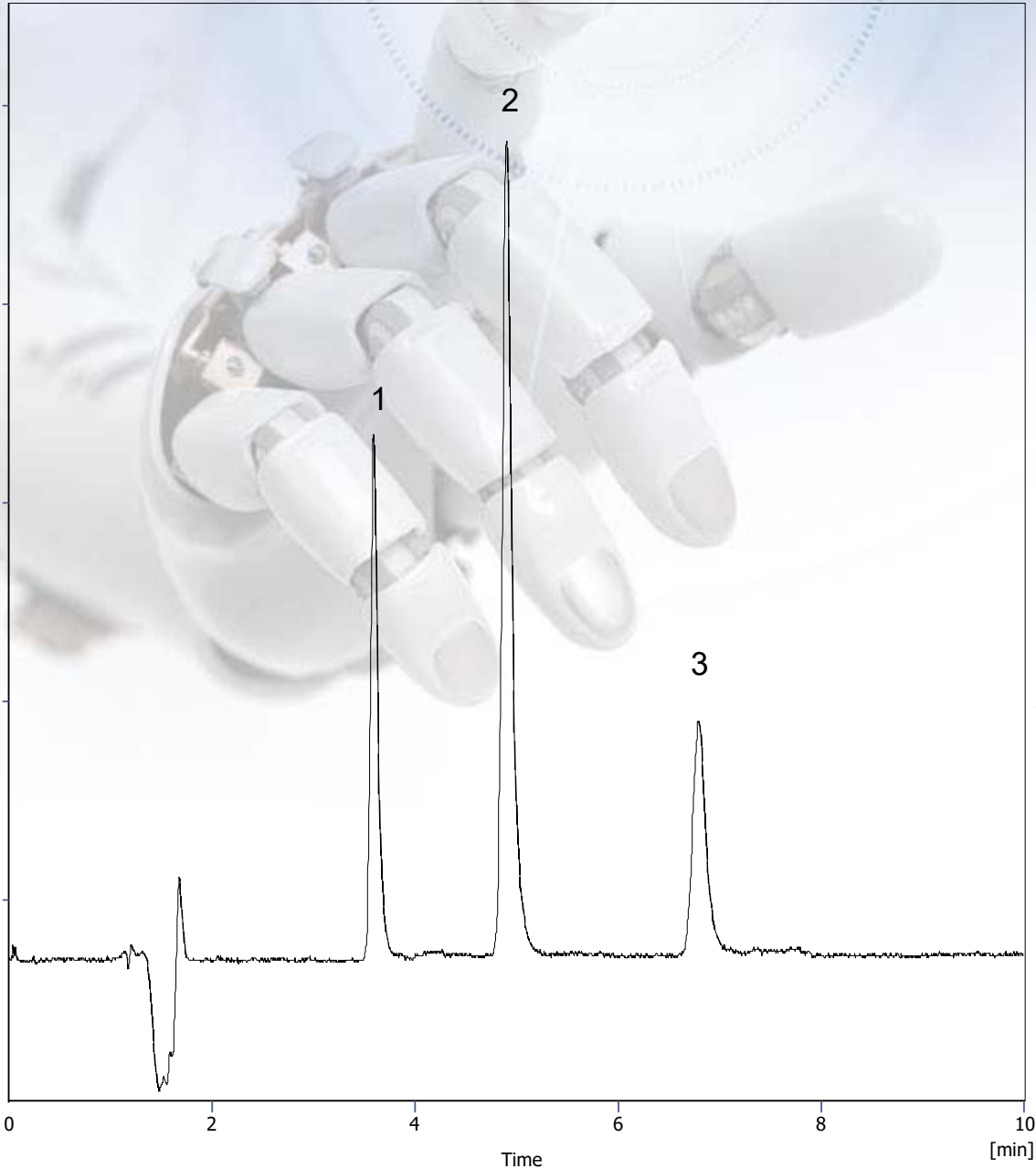
- Column : **Evosphere C18/AR 150x4.6 5um**
- p/n : **EVO18AR-050705**
- Mobile Phase:
70:30 Water + 0.1% formic acid:MeOH

- Flow : **1.0 ml/min**
- Temp : **25°C**
- λ : **235nm**

- 1. **Quinidine**
- 2. **Hydroquinidine**



Benzodiazepines

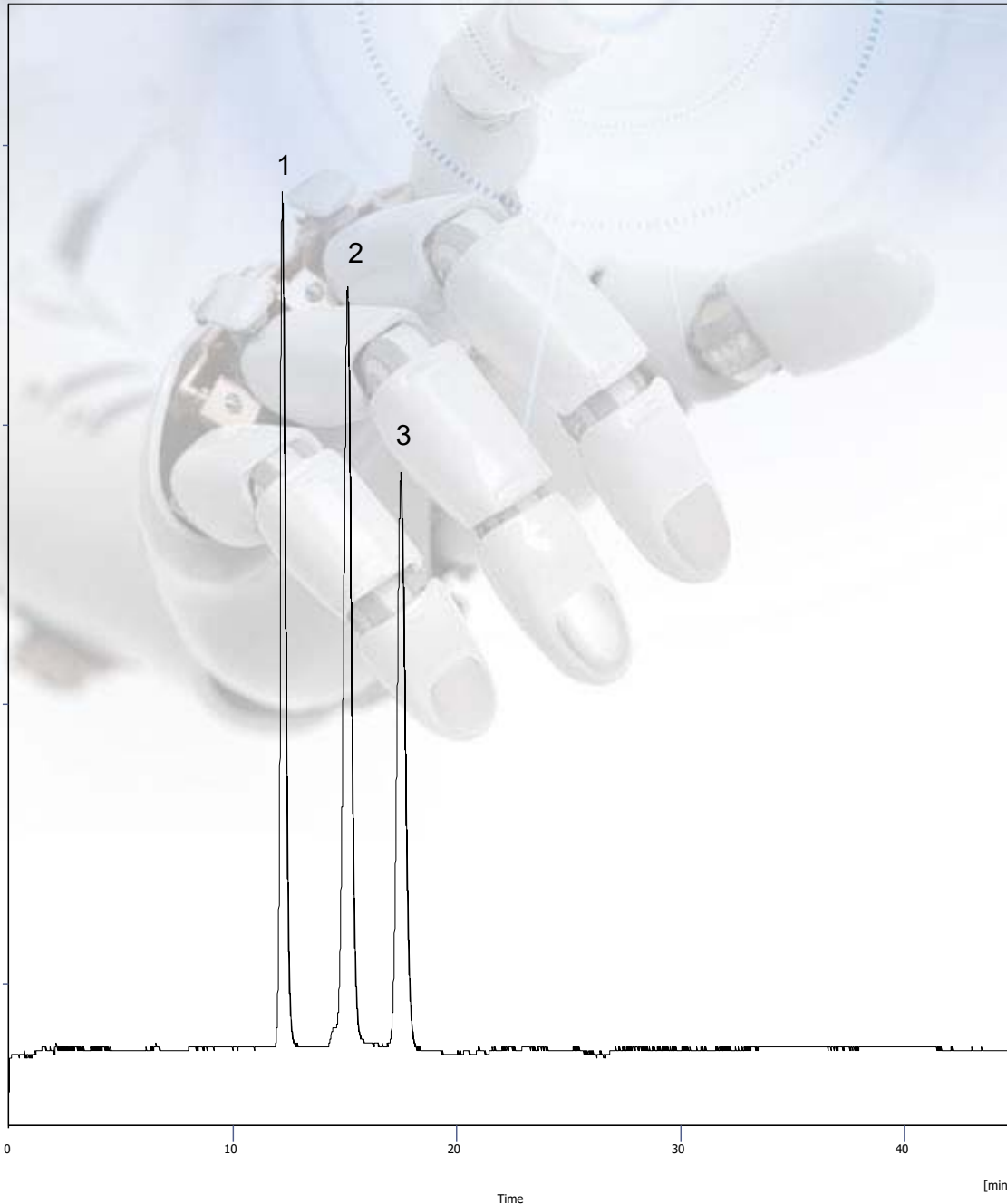


- Column : **Evosphere C18/AR 150x4.6 5um**
- p/n : **EVOAR18-050705**
- Mobile Phase:
 - **50:50 0.1% Formic acid in Water:ACN**
- Flow : **1.0 ml/min**
- Temp : **20°C**
- λ : **230nm**

- 1. Lorazepam**
- 2. Temazepam**
- 3. Diazepam**



Explosives

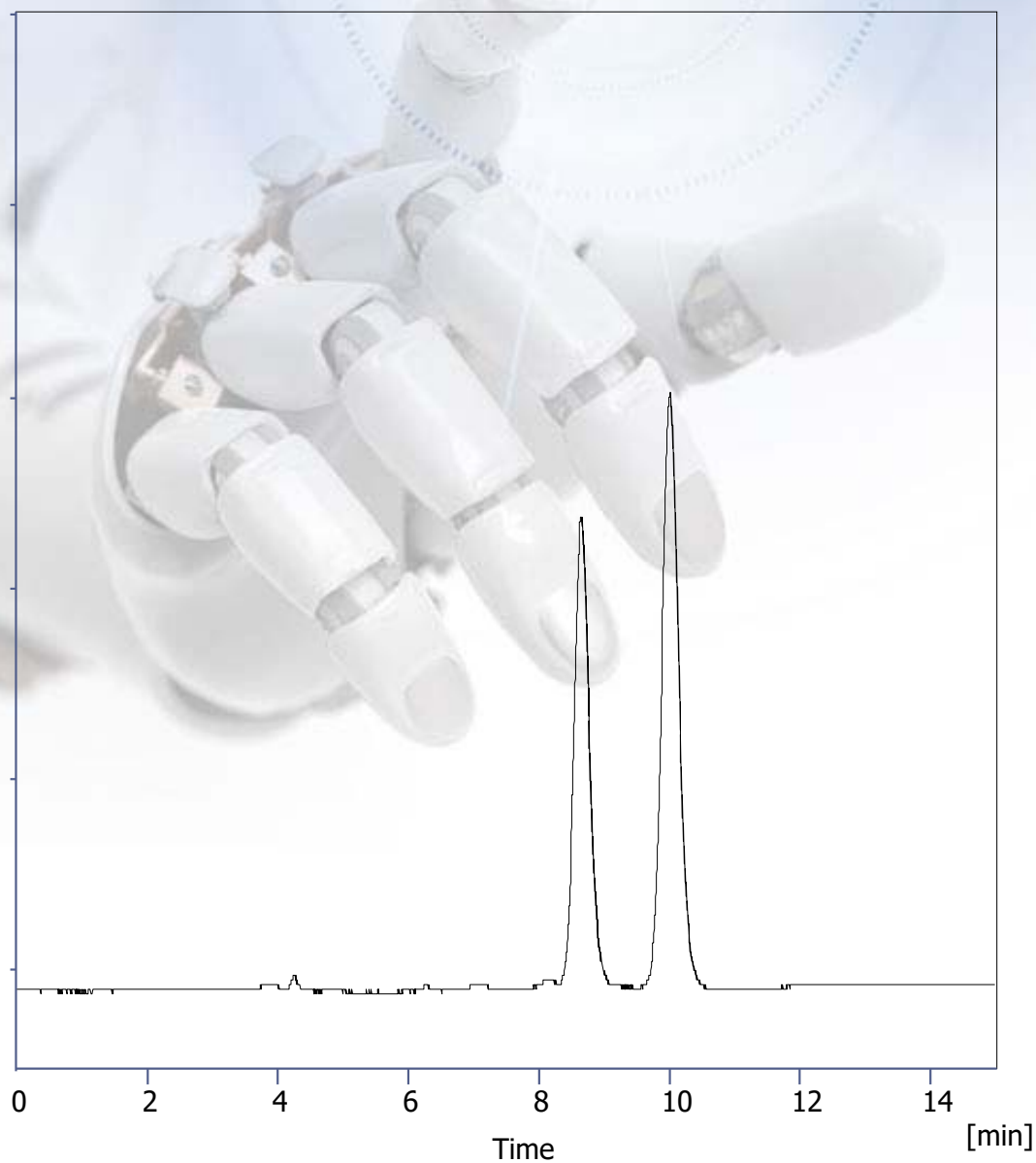


- Column : **Evosphere C18/AR 150x4.6 5um**
- p/n : **EVOAR18-050705**
- Mobile Phase:
- **70:30 MeOH:Water**
- Flow : **1.0 ml/min**
- Temp : **40°C**
- λ : **210nm**

1. **1, 3, 5 Trinitrobenzene**
2. **1, 3 Dinitrobenzene**
3. **Nitrobenzene**



Isomers

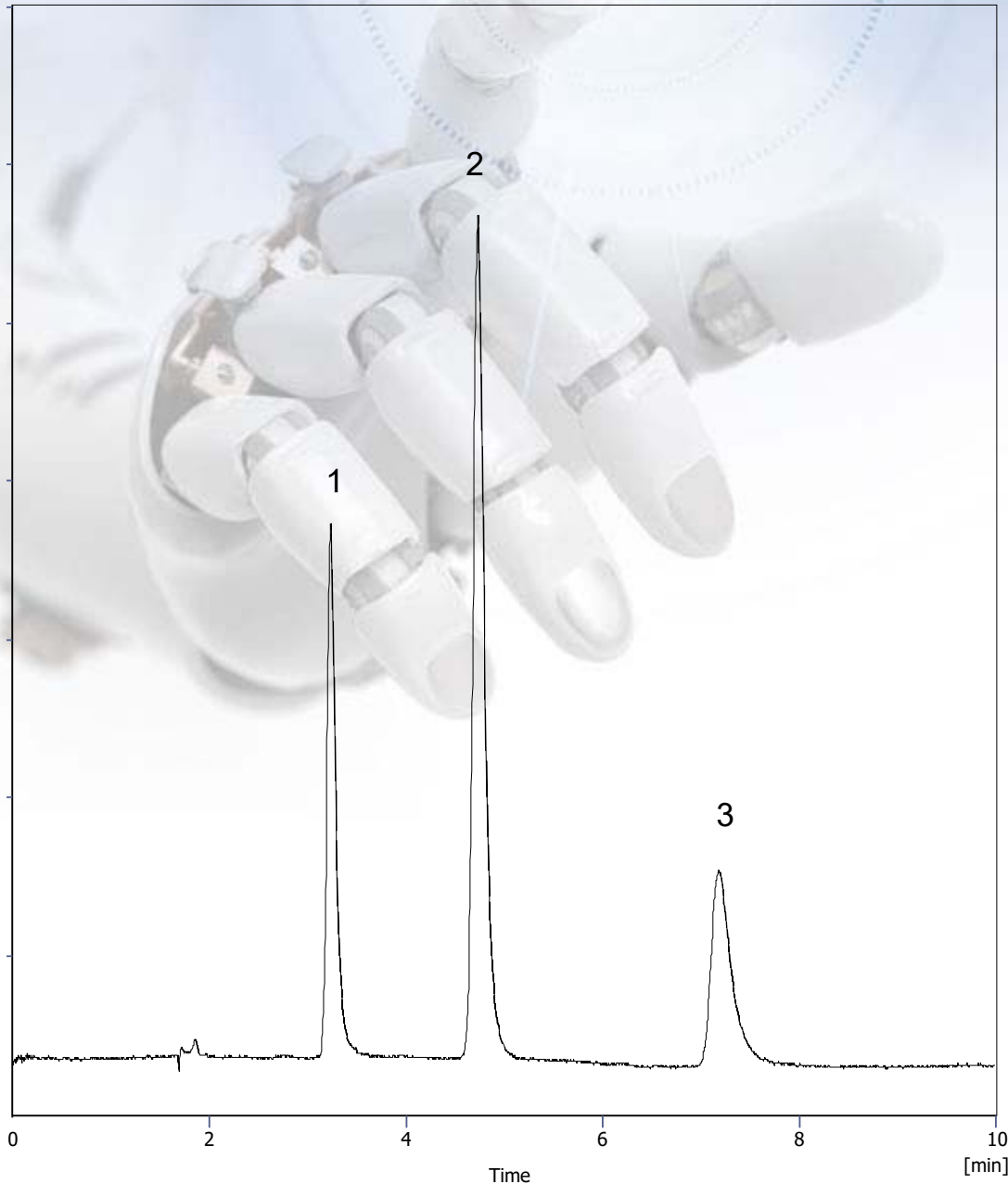


- Column : **Evosphere C18/AR 150x4.6 5um**
- p/n : **EVO18AR-050705**
- Mobile Phase: **60:40 MeOH:Water**
- Flow : **1.0 ml/min**
- Temp : **20°C**
- λ : **210nm**

1. **4-Hydroxyestradiol**
2. **2-Hydroxyestradiol**



Xanthine Derivatives



- Column : **Evosphere C18/AR 150x4.6 5um**
- p/n : **EVO18AR-050705**
- Mobile Phase:
70:30 Water + 0.1% Formic acid:MeOH
- Flow : **1.0 ml/min**
- Temp : **20°C**
- λ : **254nm**

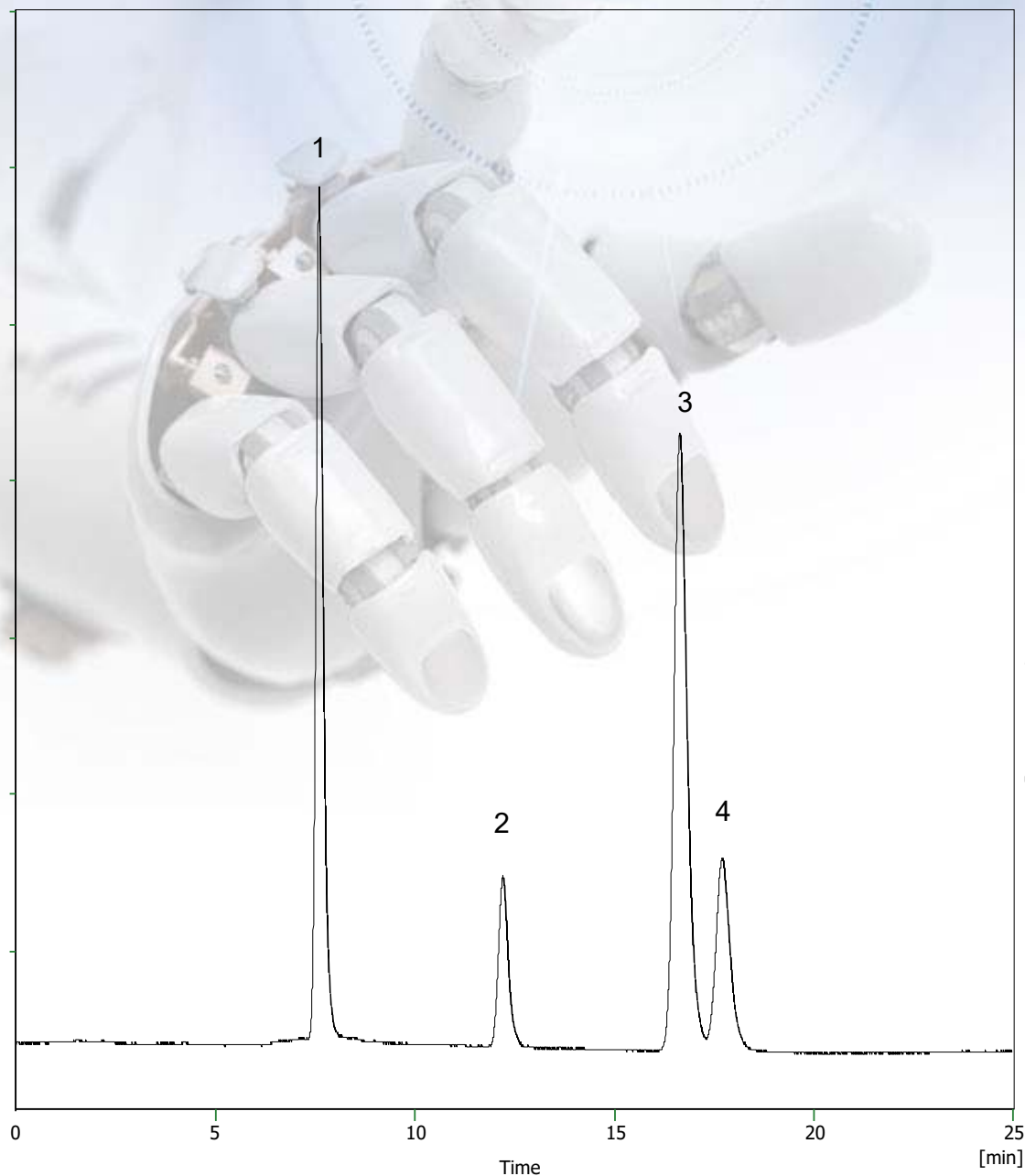
- 1. Theobromine**
- 2. Theophylline**
- 3. Caffeine**



Evosphere C18/PFP



Halogenated Positional Isomers



- Column : **Evosphere C18-PFP 150x4.6 5um**
- p/n : **EVO18FP-050705**
- Mobile Phase:
50:50 Water:MeOH
- Flow : **1.0 ml/min**
- Temp : **20°C**
- λ : **254nm**

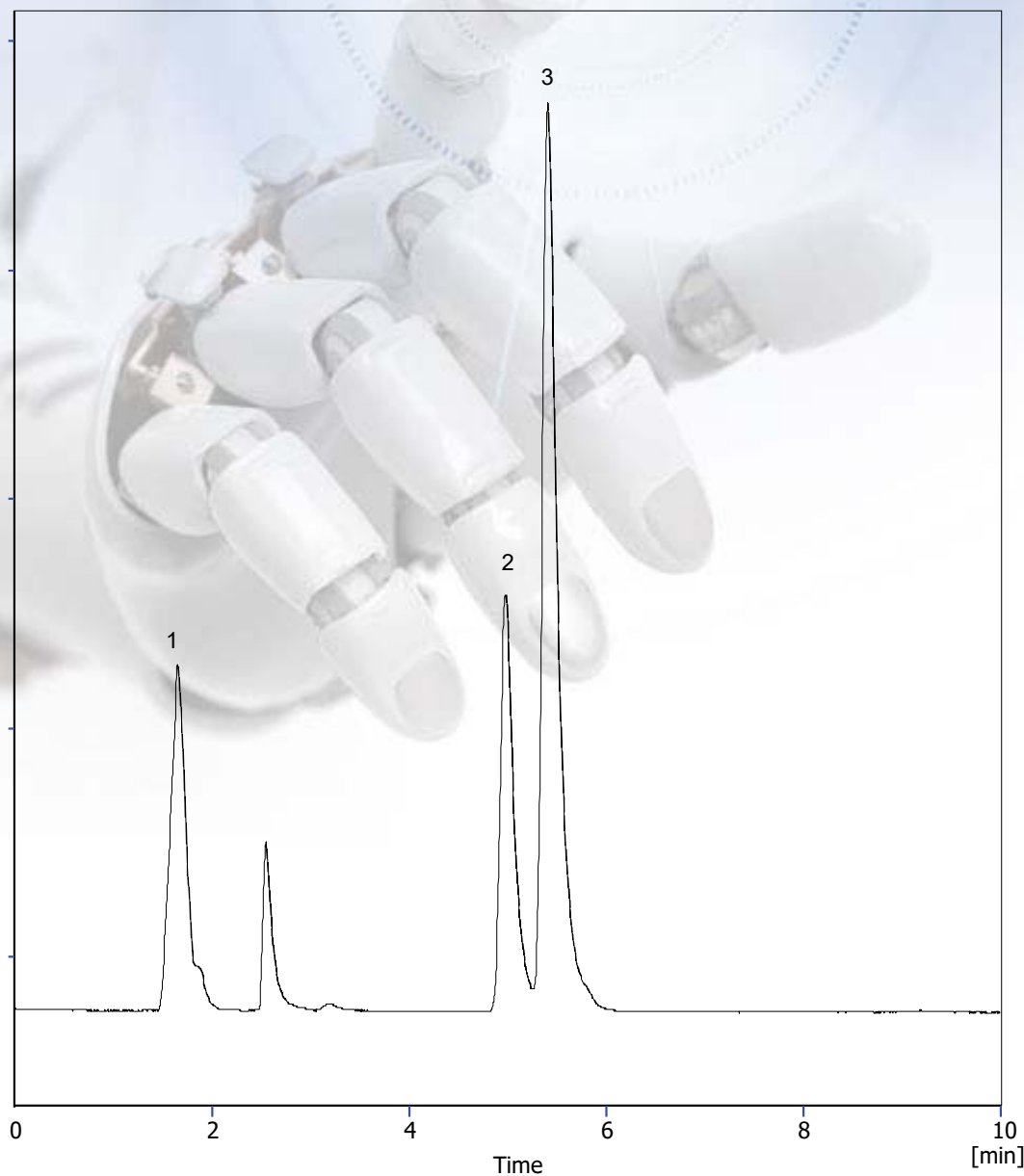
- 1. Acetophenone**
- 2. 2-Chloroacetophenone**
- 3. 4-Chloroacetophenone**
- 4. 3-Chloroacetophenone**



Phenol Selectivity

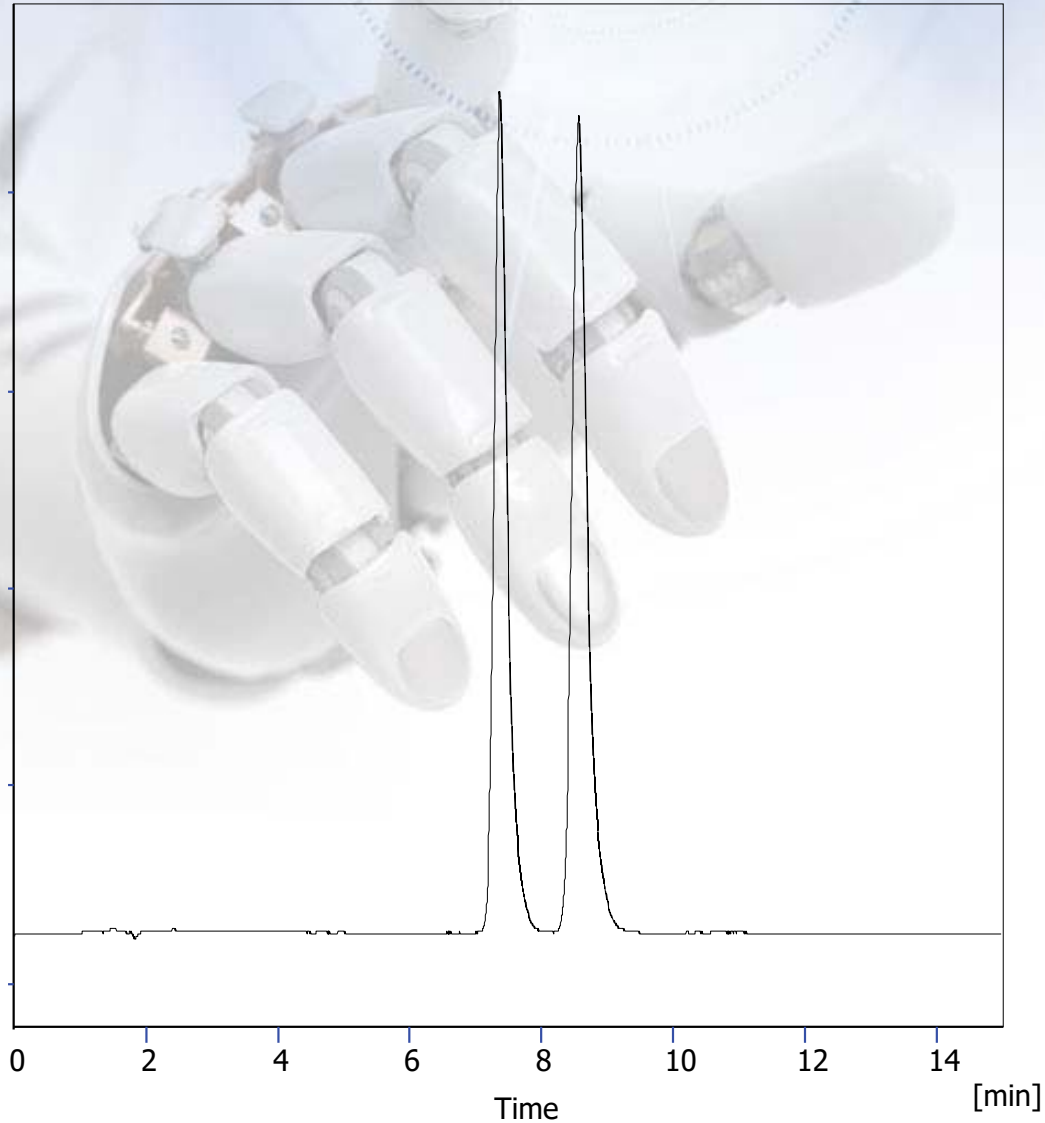
- Column : **Evosphere C18/PFP**
150x4.6 5um
- p/n : **EVO18FP-050705**
- Mobile Phase:
50:50 0.1% Formic acid in water:MeOH
- Flow : **0.8 ml/min**
- Temp : **20°C**
- λ : **254nm**

- 1. Benzene Sulphonic acid**
- 2. Benzyl Alcohol**
- 3. Phenol**

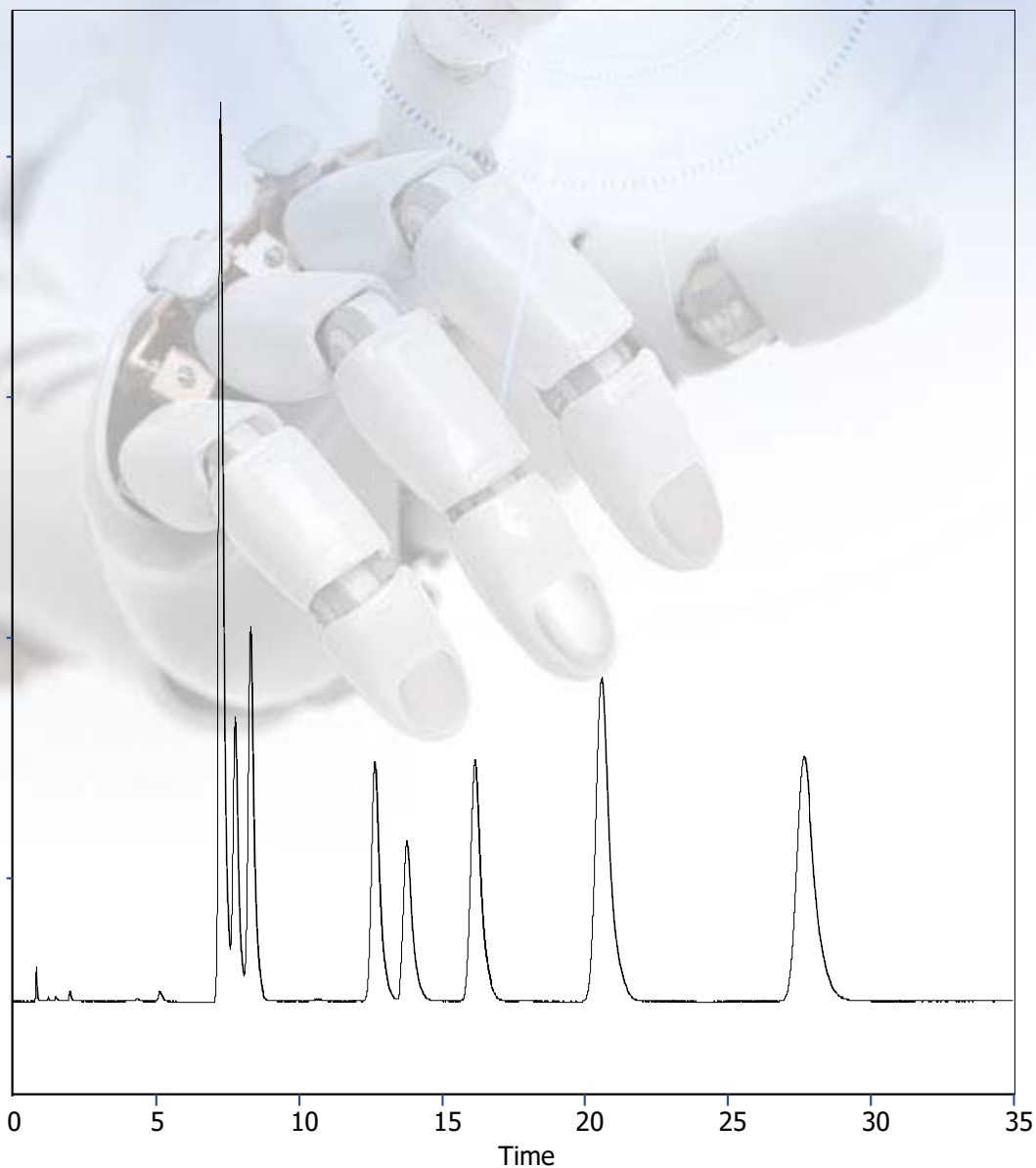


Progesterones

- Column : **Evosphere C18/PFP**
150x4.6 5um
 - p/n : **EVO18FP-050705**
 - Mobile Phase:
30:70 0.1% Formic acid in water:MeOH
 - Flow : **1.0 ml/min**
 - Temp : **20°C**
 - λ : **254nm**
1. **21-Hydroxyprogesterone**
 2. **17 α -Hydroxyprogesterone**



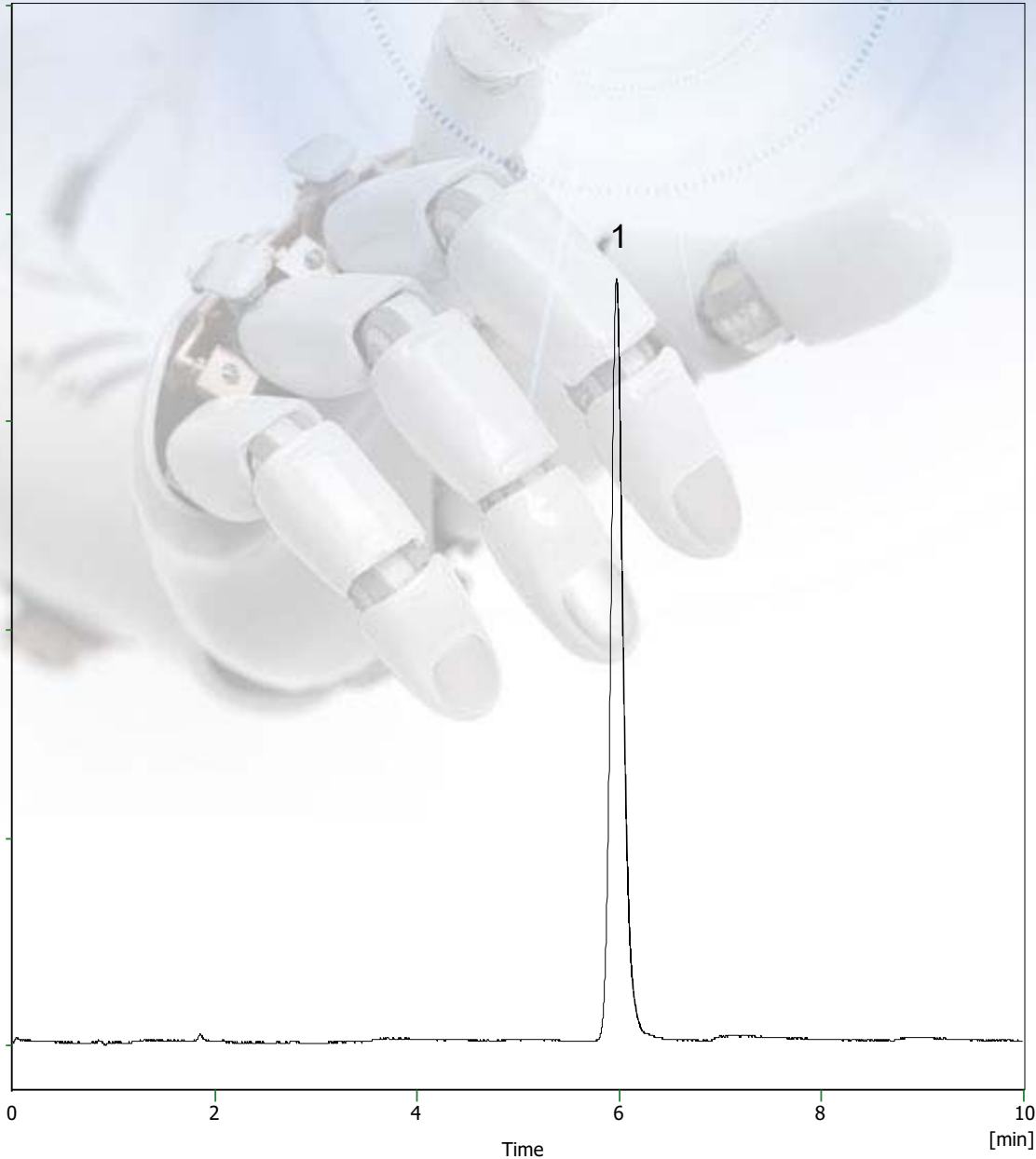
Substituted Benzenes



- Column : **Evosphere C18-PFP**
150x4.6 5um
- p/n : **EVO18FP-050705**
- Mobile Phase: **50:50 Water:MeOH**
- Flow : **1.0 ml/min**
- Temp : **20°C**
- λ : **210nm**
- 1. **1,2,3 Trimethoxybenzene**
- 2. **1,2 Dimethoxybenzene**
- 3. **1,2,4 Trimethoxybenzene**
- 4. **1,4 Dimethoxybenzene**
- 5. **Anisole**
- 6. **1,3 Dimethoxybenzene**
- 7. **1,3,5 Trimethoxybenzene**
- 8. **Toluene**



Trifluralin

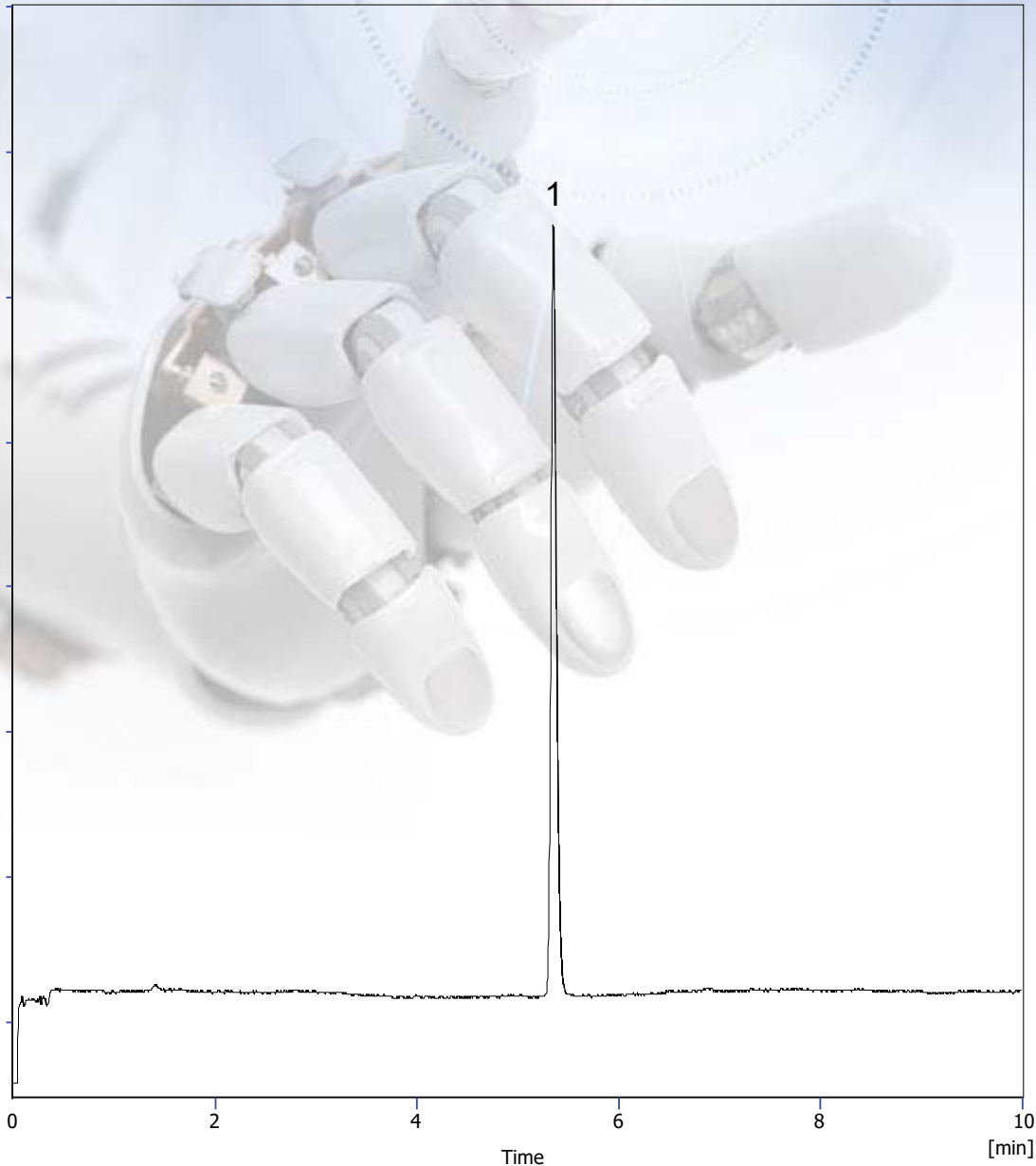


- Column : **Evosphere C18-PFP
100x4.6 3um**
- p/n : **EVO18FP-050503**
- Mobile Phase:
85:15 MeOH:Water
- Flow : **1.2 ml/min**
- Temp : **AMB**
- λ : **254nm**

1. Trifluralin



Zearalenone



- Column : **Evosphere C18-PFP**
100x4.6 3um
- p/n : **EVO18FP-050503**
- Mobile Phase:
 - A- Water+0.1% Formic acid**
 - B- ACN**
 - 40-70% B in 5 min, hold 5 min**
- Flow : **1.0 ml/min**
- Temp : **AMB**
- λ : **250nm**

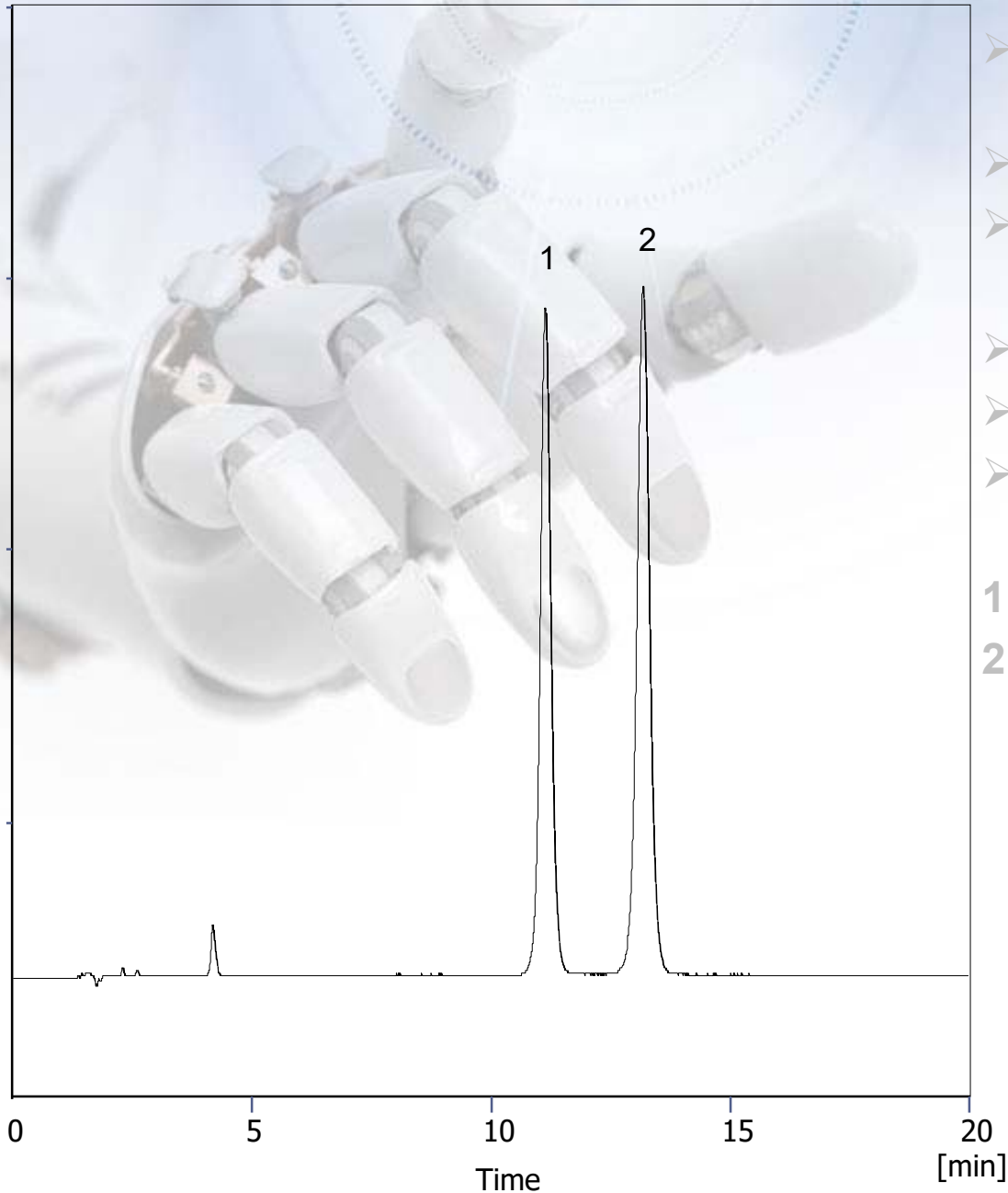
1. Zearalenone



Evosphere Diphenyl



Analgesic Drugs



- Column : **Evosphere Diphenyl 150x4.6 5um**
- p/n : **EVOPH-050705**
- Mobile Phase:
55:45 25mM KH₂PO₄ pH3.0:ACN
- Flow : **1.0 ml/min**
- Temp : **40°C**
- λ : **230nm**

1. **Ibuprofen**
2. **Indomethacin**

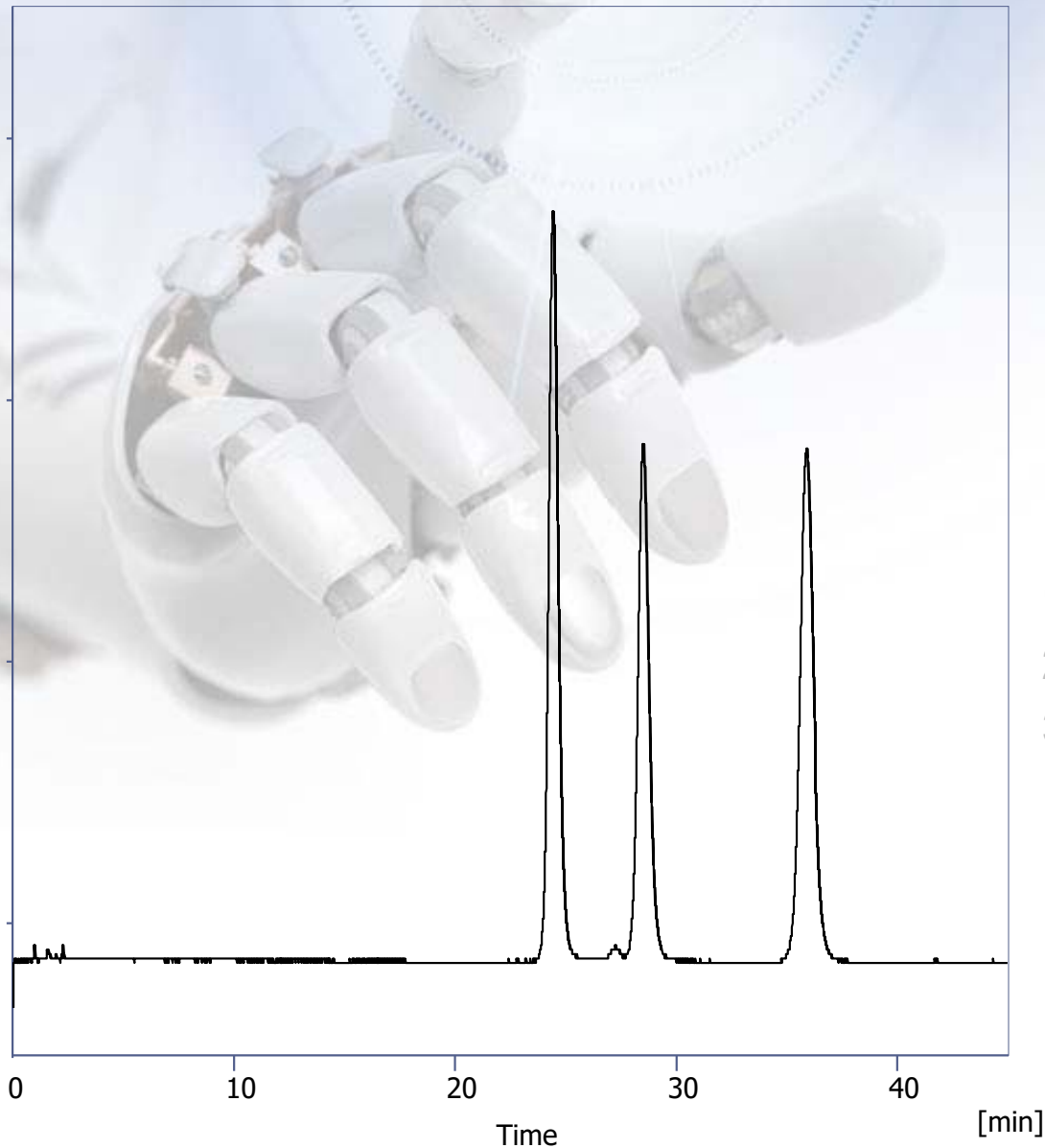




Evosphere Phenyl- Hexyl



Explosives



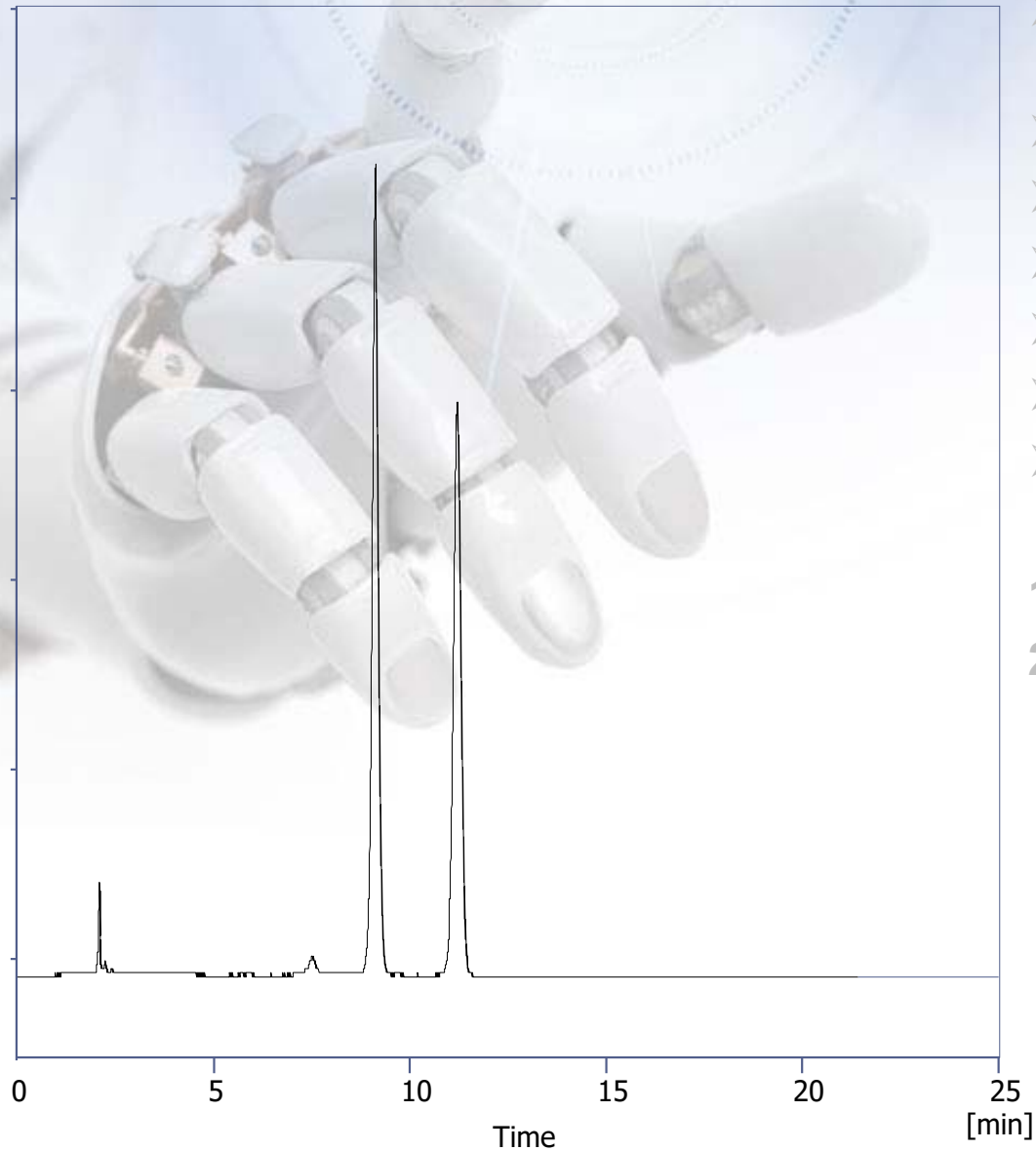
- Column : **Evosphere PHENYL-HEXYL 150x4.6 5um**
 - p/n : **EVOHEX-050705**
 - Mobile Phase:
 - **70:30 MeOH:Water**
 - Flow : **1.0 ml/min**
 - Temp : **40°C**
 - λ : **210nm**
1. **Nitrobenzene**
 2. **1,3 Dinitrobenzene**
 3. **1,3,5 Trinitrobenzene**



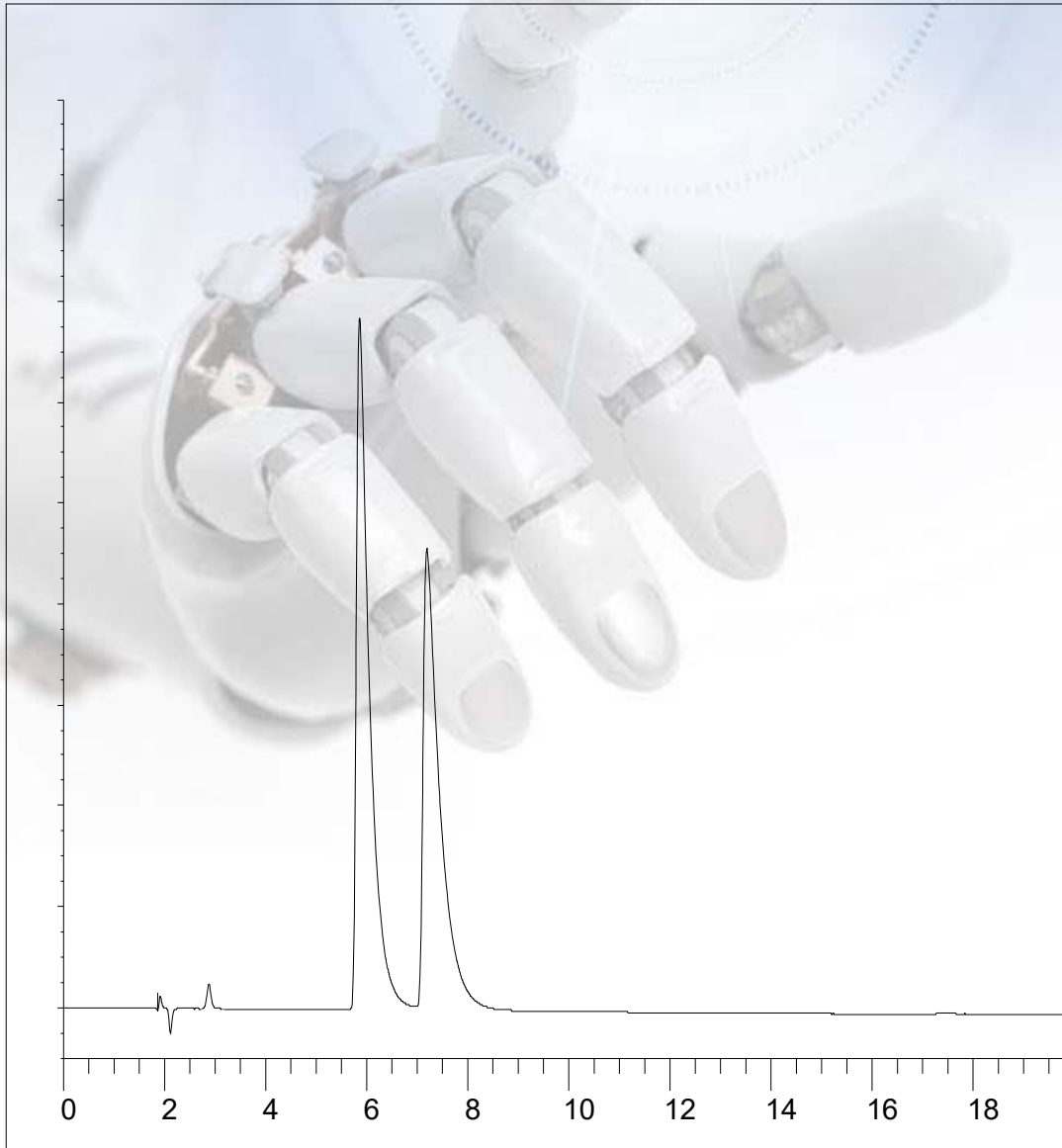
Analgesic Drugs

- Column : **Evosphere PHENYL-HEXYL 150x4.6 5um**
- p/n : **EVOHEX-050705**
- Mobile Phase:
 - **55:45 KH₂PO₄ (pH 3.0):ACN**
- Flow : **1.0 ml/min**
- Temp : **40°C**
- λ : **230nm**

1. **Ibuprofen**
2. **Indomethacin**



Antiarrhythmic Drugs



- Column : **Evosphere PHENYL-HEXYL 150x4.6 5um**
- p/n : **EVOHEX-050705**
- Mobile Phase:
70:30 Water + 0.1% formic acid:MeOH

- Flow : **1.0 ml/min**
- Temp : **25°C**
- λ : **235nm**

- 1. **Quinidine**
- 2. **Hydroquinidine**

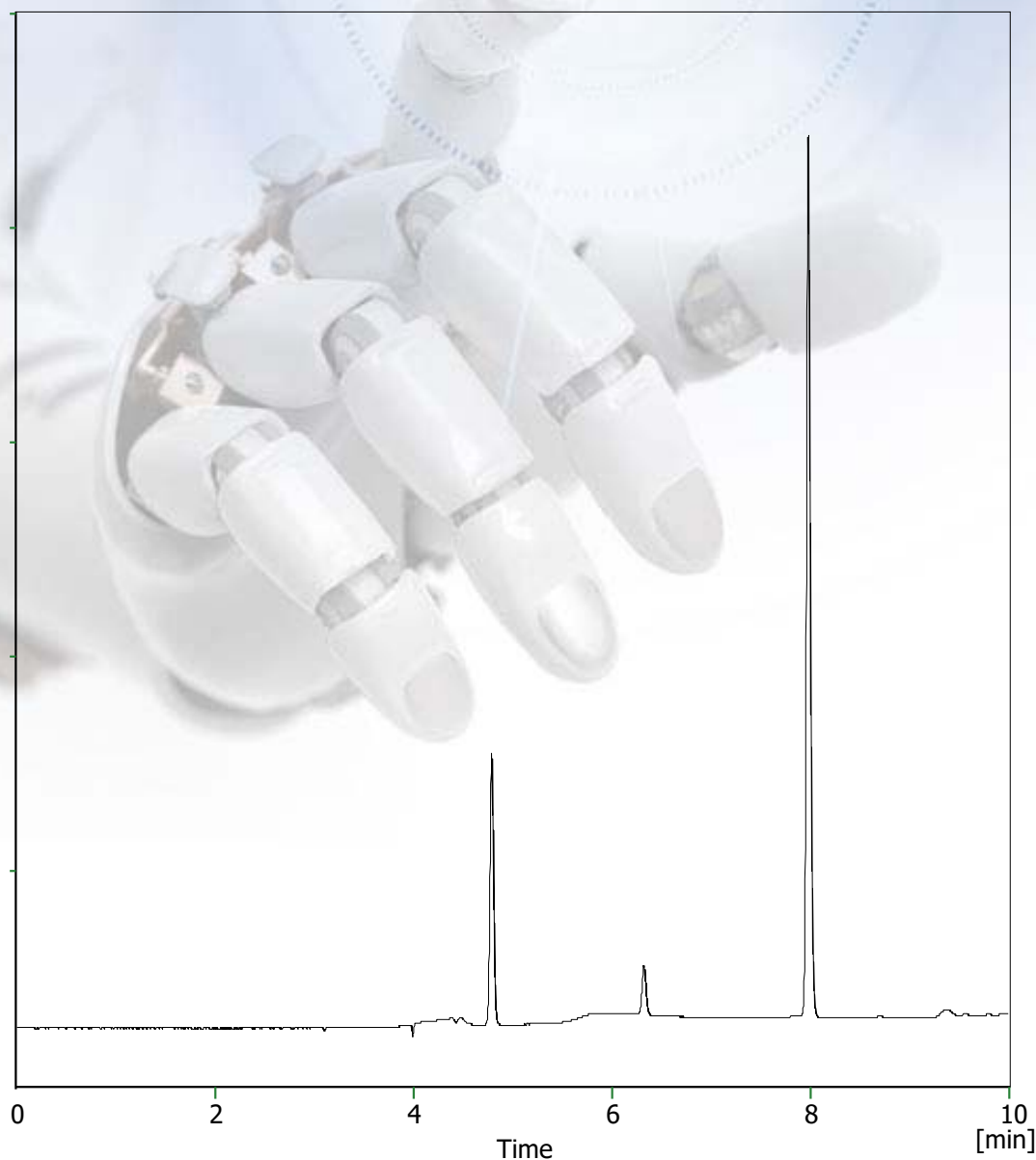




Evosphere PFP



Acid, Base, Neutral



- Column : **Evosphere PFP 150x4.6 5um**
- p/n : **EVOPFP-050705**
- Mobile Phase:
 - **A- 0.1% Formic acid in water**
 - **B- 0.1% Formic acid in ACN**
 - **0-95% in 10 mins**
- Flow : **1.0 ml/min**
- Temp : **50°C**
- λ : **254nm**

1. **Acetaminophen**
2. **Benzyl Alcohol**
3. **3-Methyl-4-nitrobenzoic acid**



Analgesic Drugs

- Column : **Evosphere PFP 150x4.6 5um**
- p/n : **EVOPFP-050705**
- Mobile Phase:
- **55:45 KH₂PO₄ (pH 3.0):ACN**
- Flow : **1.0 ml/min**
- Temp : **40°C**
- λ : **230nm**

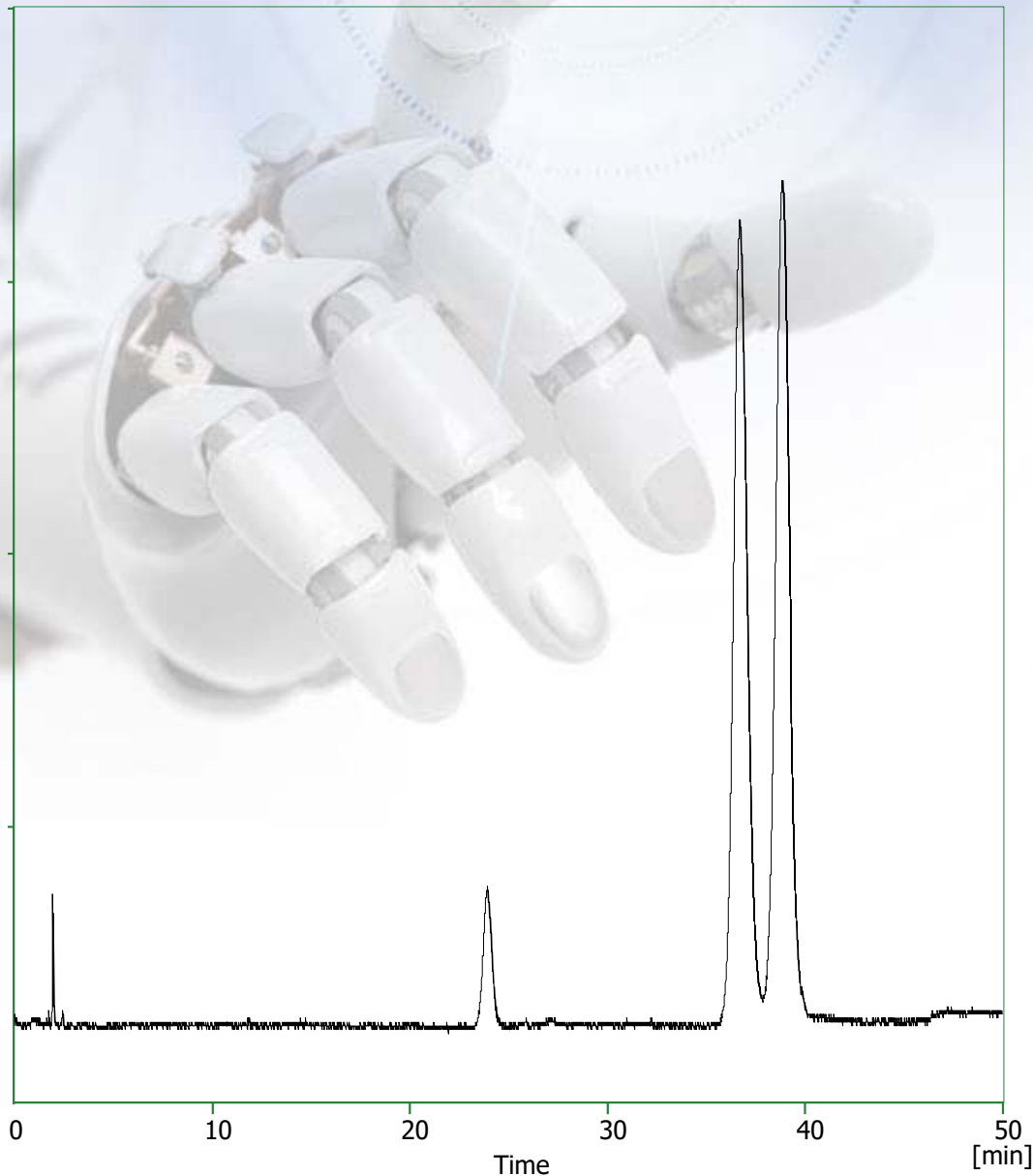
1. **Ibuprofen**
2. **Indomethacin**



Explosives

- Column : **Evosphere PFP 150x4.6 5um**
- p/n : **EVOPFP-050705**
- Mobile Phase:
 - **70:30 MeOH:Water**
- Flow : **1.0 ml/min**
- Temp : **40°C**
- λ : **210nm**

1. **1,3,5 Trinitrobenzene**
2. **1,3 Dinitrobenzene**
3. **Nitrobenzene**



A white humanoid robot hand is shown in a dynamic pose, with fingers slightly curled. The background is a light blue gradient with several concentric, dotted blue circles and thin blue lines, suggesting a digital or futuristic environment. The text 'Evosphere RP18 Amide' is overlaid in a large, grey, sans-serif font.

Evosphere RP18 Amide

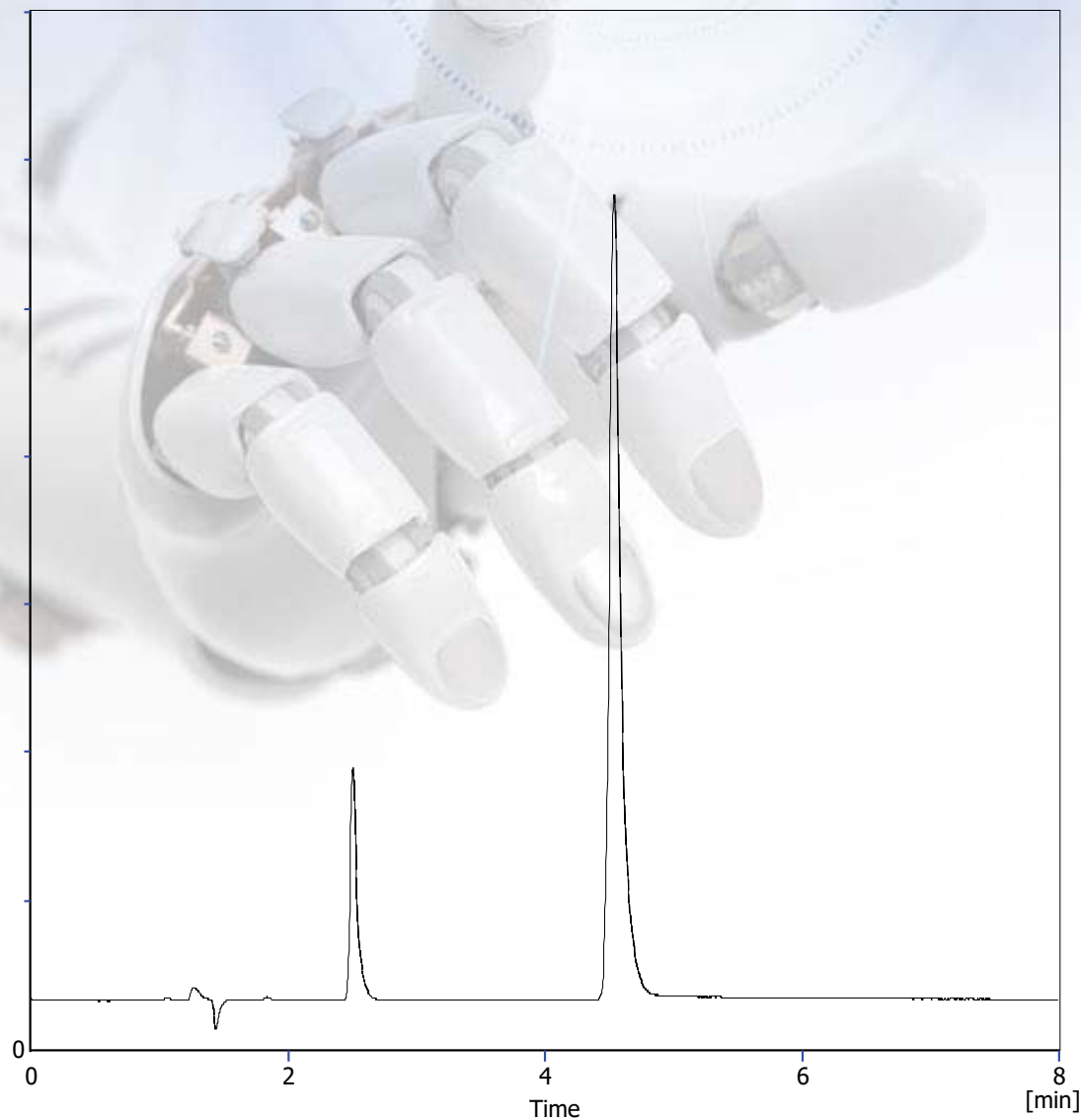


Acids

- Column : **Evosphere RP18-Amide 150x4.6 3um**
 - p/n : **EVORP18-050703**
 - Mobile Phase:
80:20 20mM KH₂PO₄ (pH 2.4):ACN
 - Flow : **1.0 ml/min**
 - Temp : **20°C**
 - λ : **254nm**
- 1. Benzoic acid**
 - 2. Sorbic acid**



Antibacterials



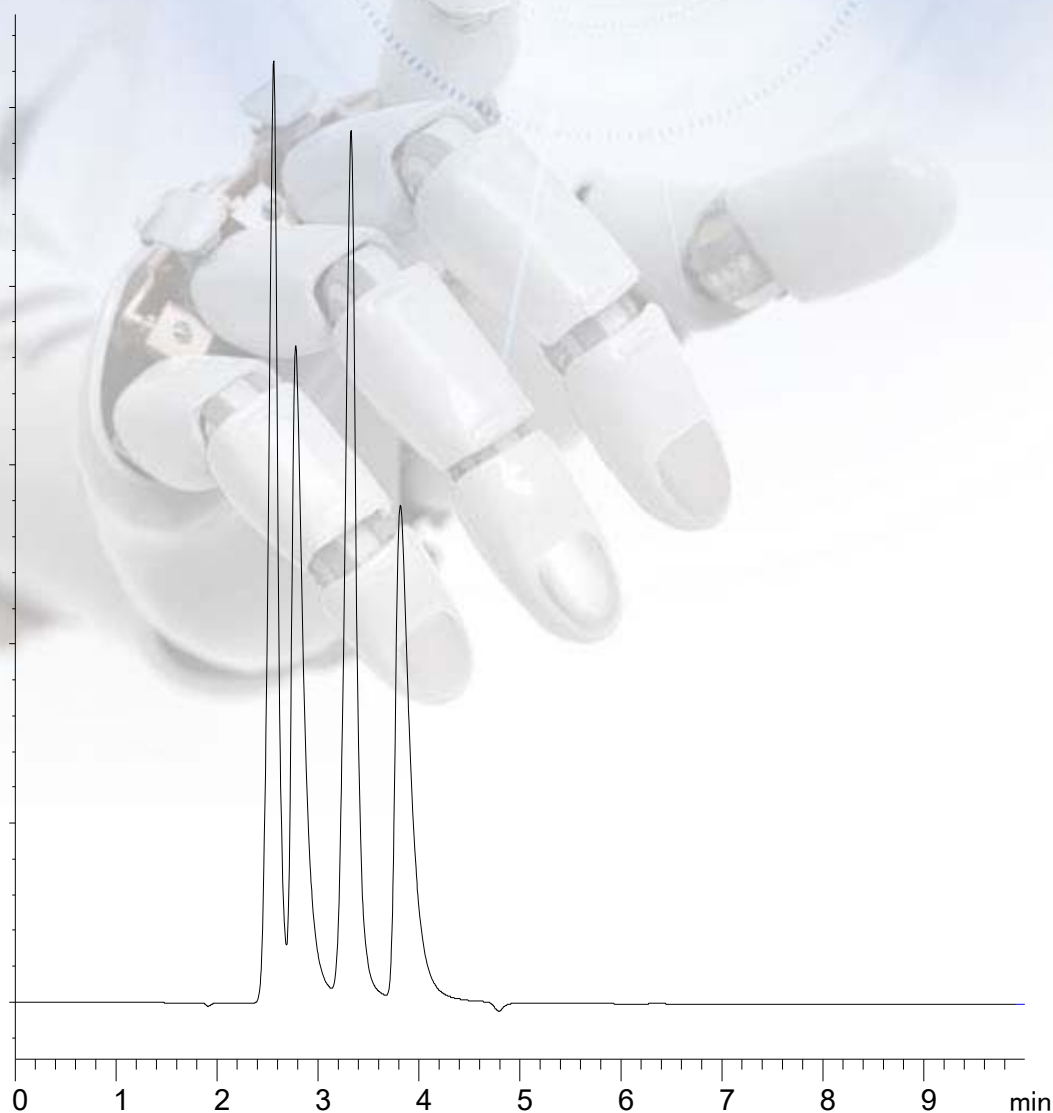
- Column : **Evosphere RP18-Amide 150x4.6 3um**
 - p/n : **EVORP18-050703**
 - Mobile Phase:
55:45 20mM KH₂PO₄ (pH 2.4):ACN
 - Flow : **1.0 ml/min**
 - Temp : **20°C**
 - λ : **254nm**
1. **Furazolidone**
 2. **Nalidixic acid**



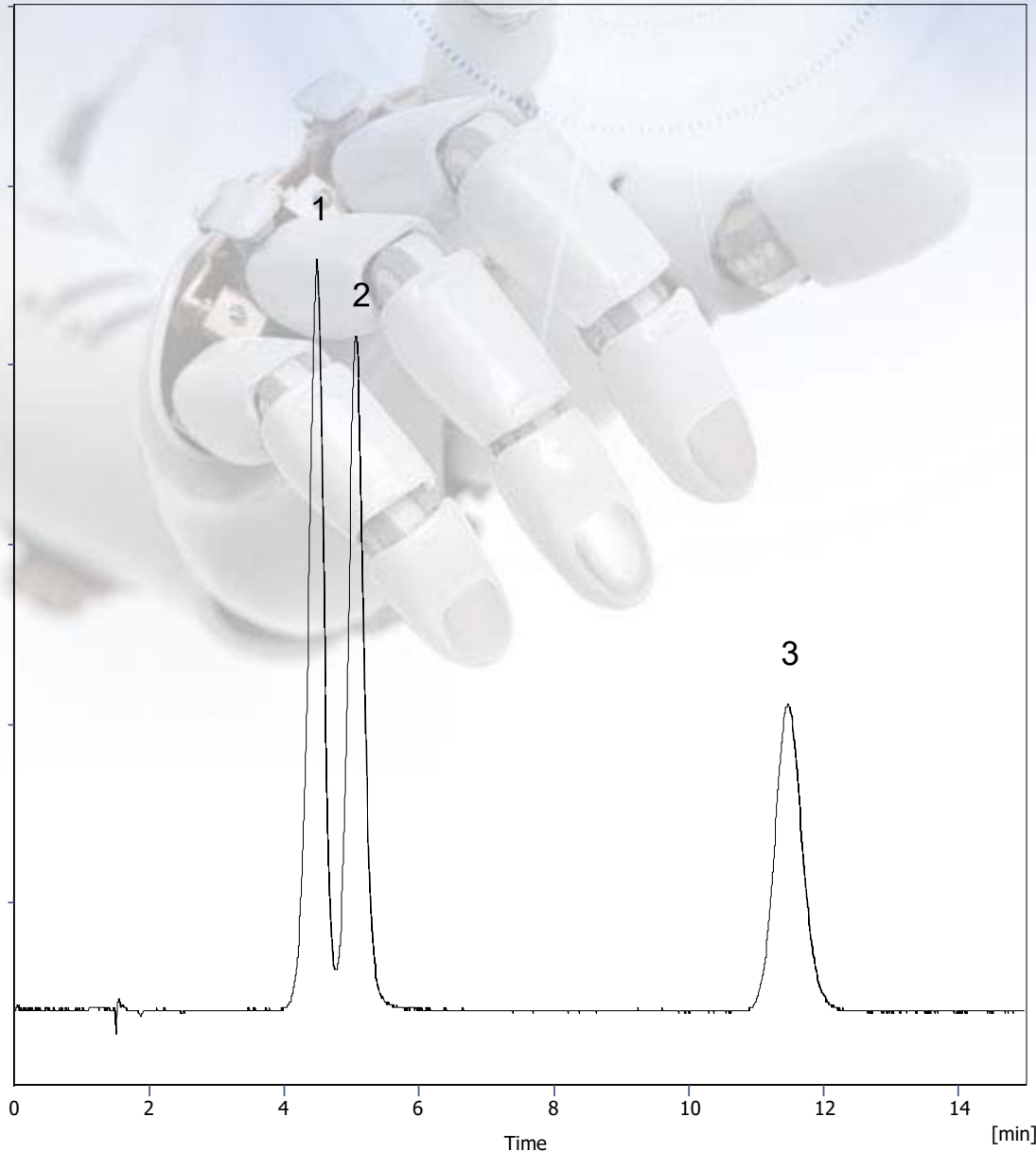
Nicotinamides

- Column : **Evosphere RP18-Amide 150x4.6 3um**
- p/n : **EVORP18-050703**
- Mobile Phase:
98/2 0.1% Formic acid/MeOH
- Flow : **1.0 ml/min**
- Temp : **20°C**
- λ : **254nm**

1. **Isonicotinamide**
2. **Isonicotinic Acid**
3. **Nicotinamide**
4. **Nicotinic Acid**



Sulfa Drugs

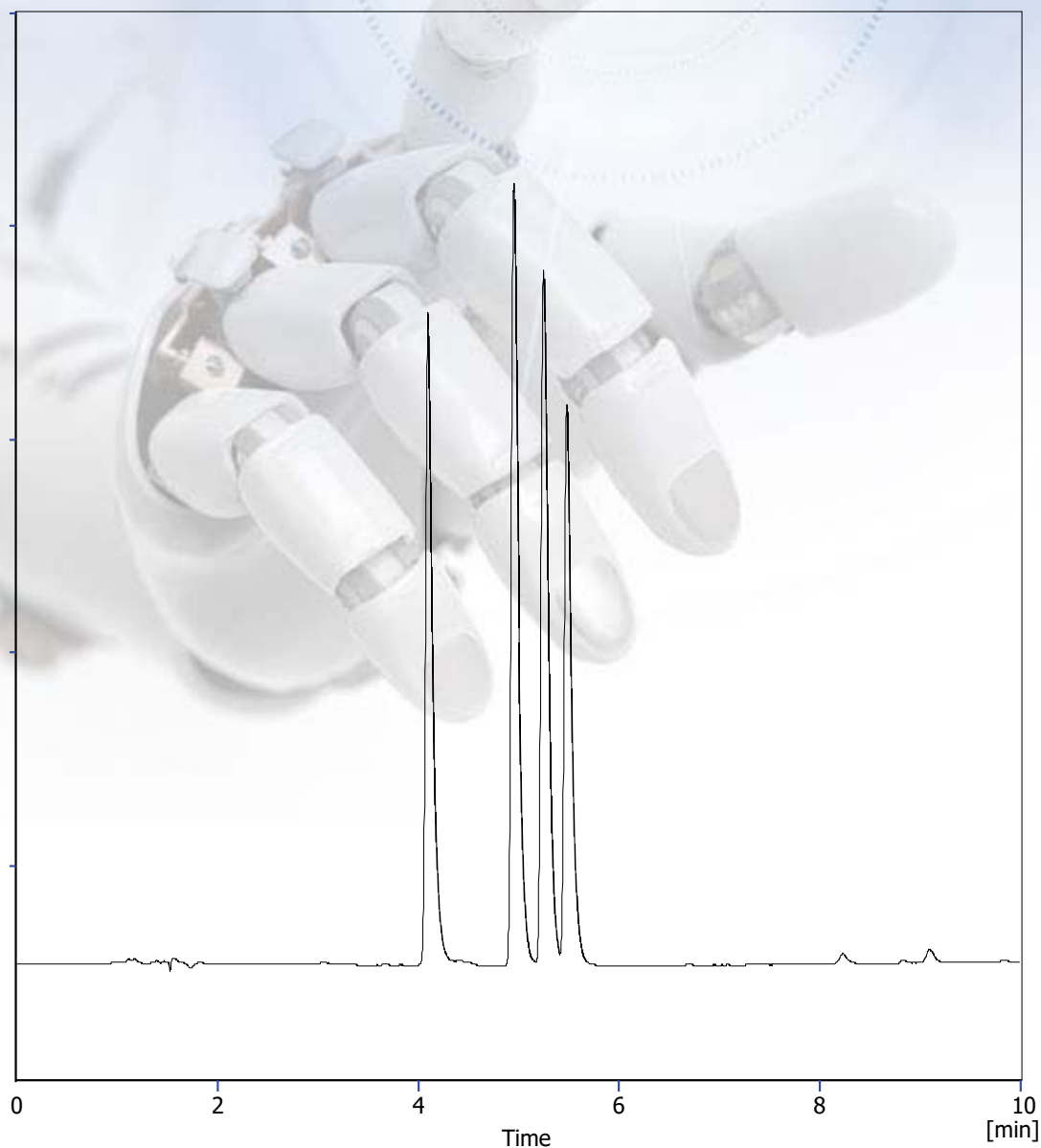


- Column : **Evosphere RP18-Amide 150x4.6 5um**
- p/n : **EVORP18-050705**
- Mobile Phase:
70:30 Water + 0.1% Formic acid:MeOH
- Flow : **1.0 ml/min**
- Temp : **25°C**
- λ : **254nm**

- 1. Sulfathiazole**
- 2. Sulfamerazine**
- 3. Sulfamethoxazole**



Tricyclic Antidepressants

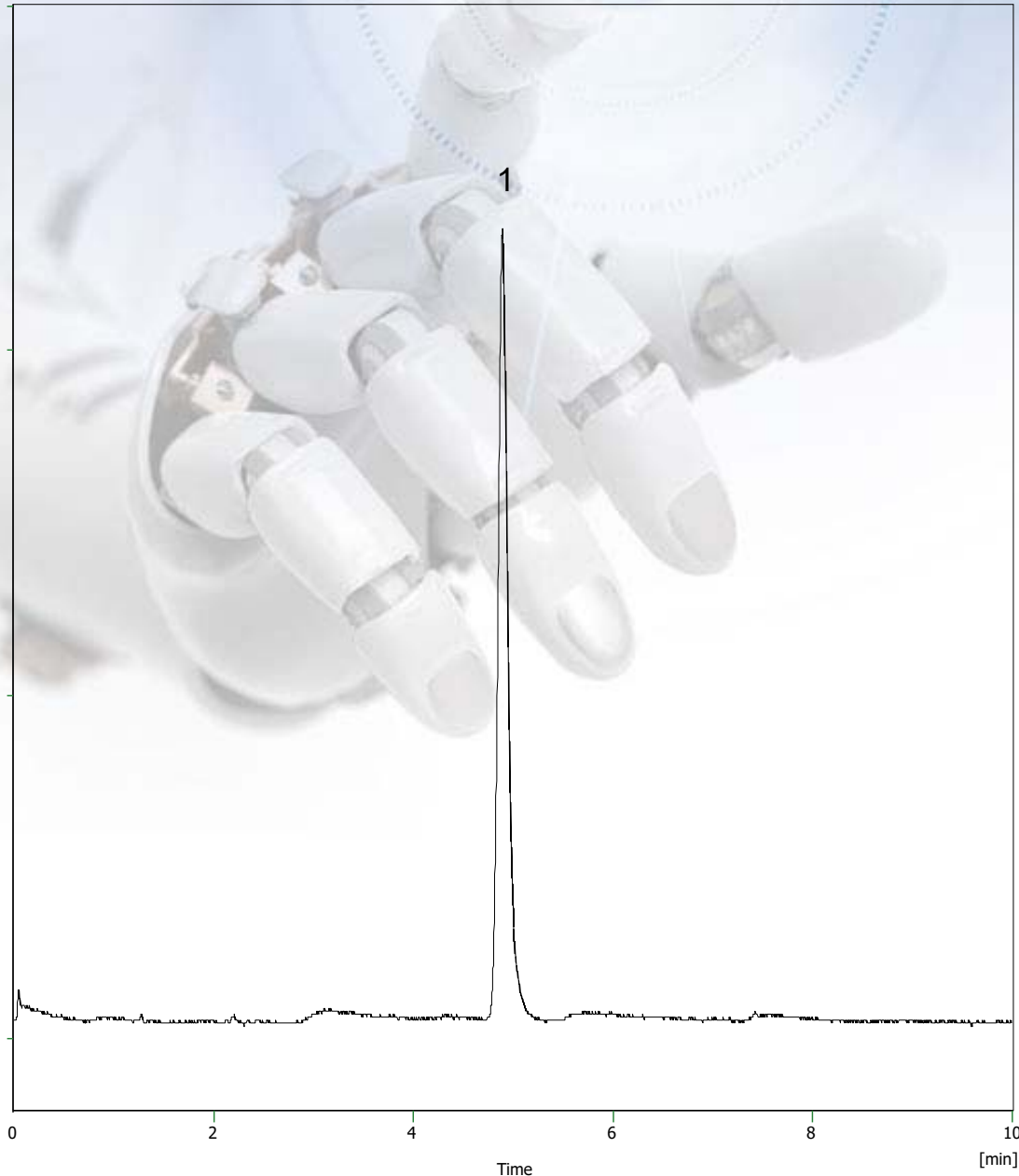


- Column : **Evosphere RP18-Amide 150x4.6 3um**
- p/n : **EVORP18-050703**
- Mobile Phase:
 - A- 0.1% Formic acid in Water**
 - B- 0.1% Formic acid in ACN**
 - 25-50% B in 10 mins**
- Flow : **1.0 ml/min**
- Temp : **30°C**
- λ : **254nm**

- 1. Doxepin**
- 2. Imipramine**
- 3. Nortriptyline**
- 4. Trimipramine**



Trifluralin

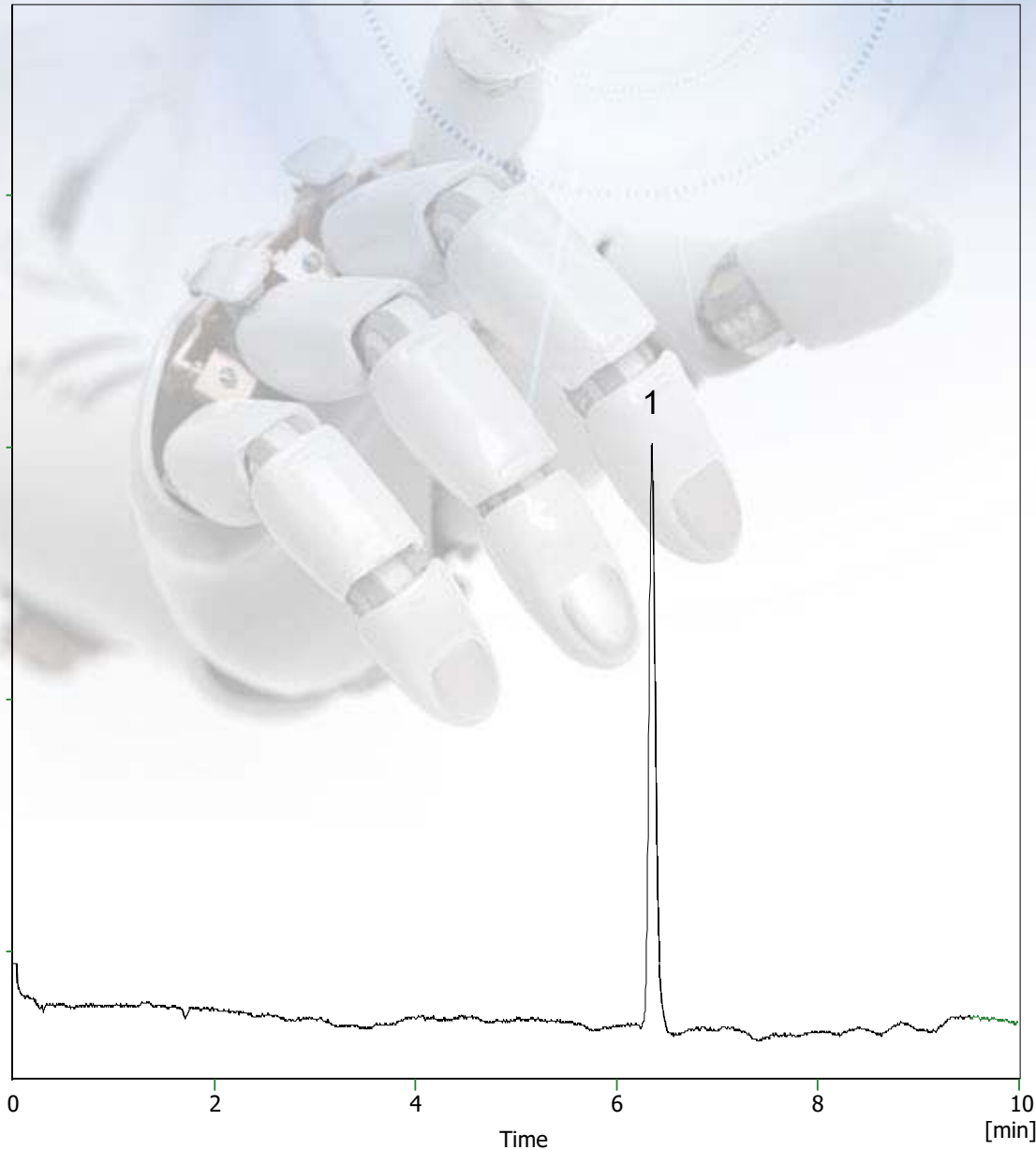


- Column : **Evosphere RP18-Amide 150x4.6 3um**
- p/n : **EVORP18-050703**
- Mobile Phase:
85:15 MeOH:Water
- Flow : **1.2 ml/min**
- Temp : **AMB**
- λ : **254nm**

1. Trifluralin



Zearalenone



- Column : **Evosphere RP18-Amide 150x4.6 3um**
- p/n : **EVORP18-050703**
- Mobile Phase:
 - A- Water+0.1% Formic acid**
 - B- ACN**
 - 50-80% B in 5 min, hold 5 min**
- Flow : **1.0 ml/min**
- Temp : **AMB**
- λ : **250nm**

1. **Zearalenone**

