

Technical Notification 0003

Metanephrine, Serotonin

ID No.: 0003

Analytes: Metanephrine, Serotonin

Material: Reprosil-Pur 60 Si, 3 µm

Column Dimension: 150 mm x 2 mm

Part No. (P/N): r03.04.s1502

Eluent A: ACN/H₂O 85:15, 30 mM NH₄FA, pH 3

Eluent B: ACN/H₂O 5:95, 30 mM NH₄FA, pH 3

Elution Type: Gradient

Gradient Method:

Time [min]	Flow Rate [ml/min]	%B
0	0.5	20
2	0.5	20
2.4	0.5	50
2.8	0.5	50
2.9	0.5	0
3.0	1.0	0
4.5	1.0	0

Temperature: 25 °C

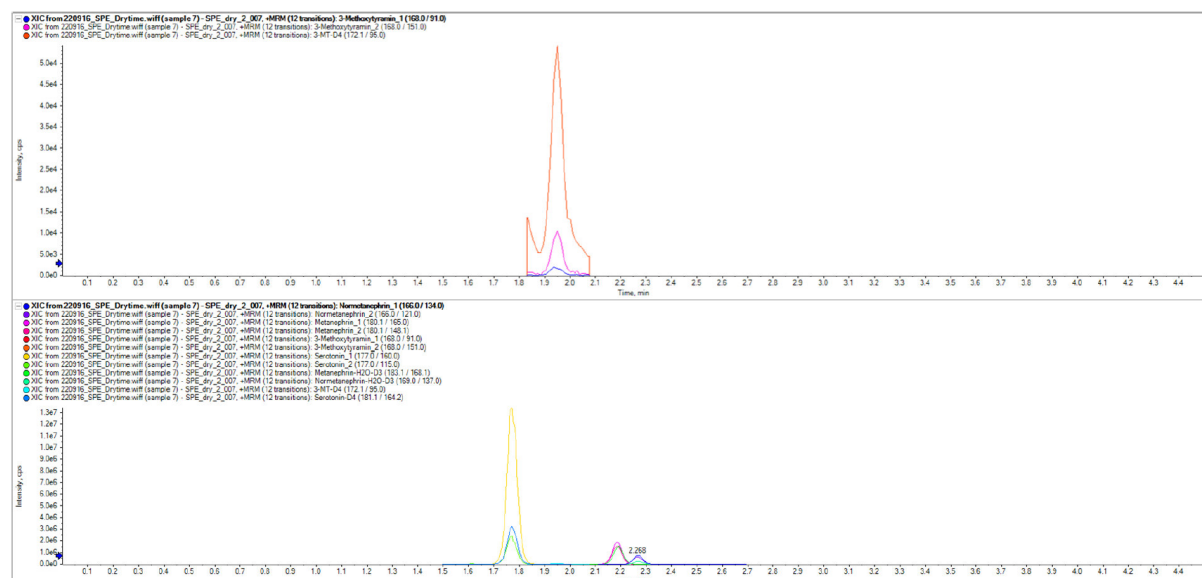
Injection: Sample preparation with Oasis WCX 10 mg 250 µl Plasma +

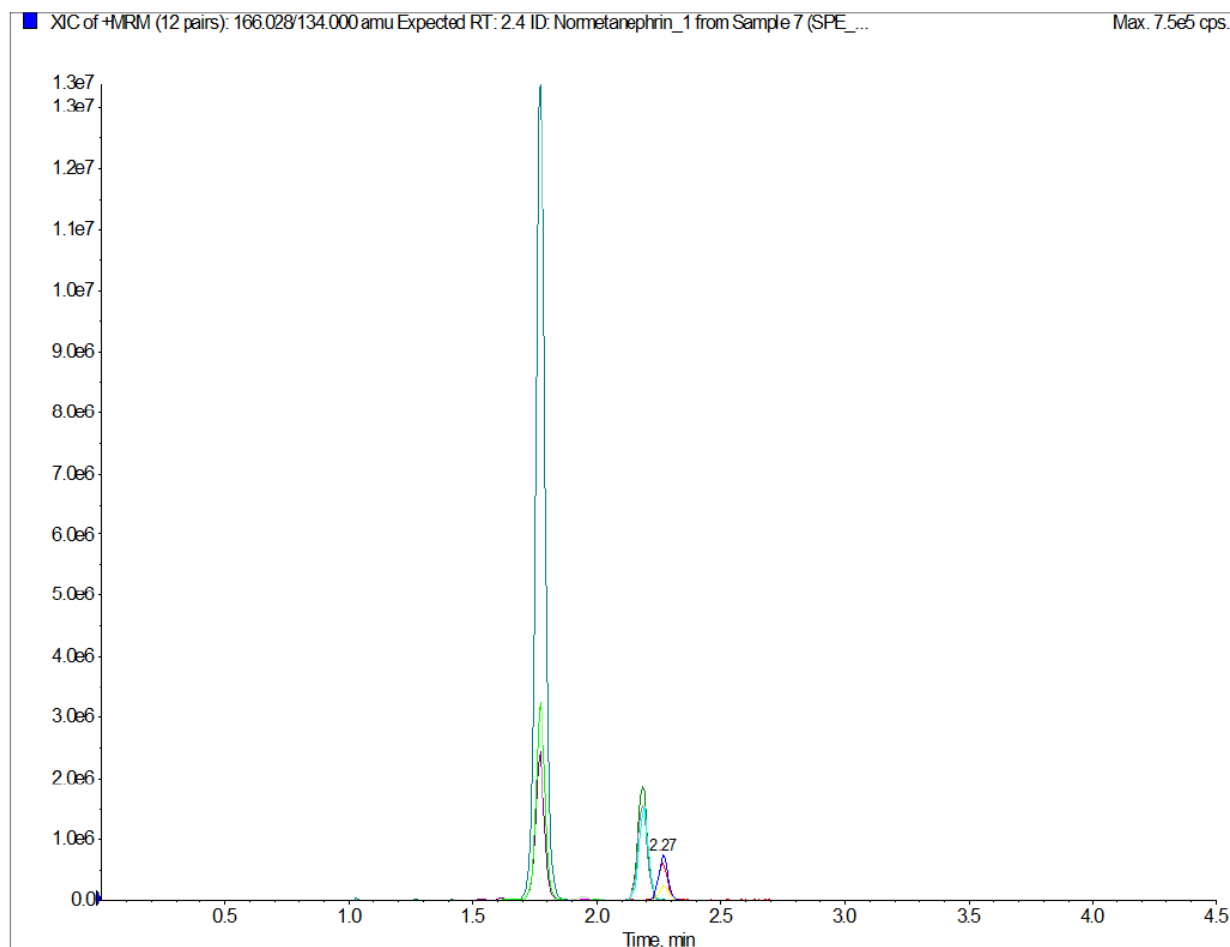
- Metanephrine 1000 ng/l
- Normetanephrine 1000 ng/l
- 3-Methoxytyramine 1000 ng/l
- Serotonin 100 µg/l
- Elution in 300 µl ACN + Formic Acid
- Injection 30 µl on column

Detection: MS-Detection

MS-Settings:

- Sciex 6500 QTrap
- Temp.: 400 °C
- GS1: 80
- GS2: 50
- Curtain Gas: 35
- Declustering: 50
- Scheduled mrm





- Analytes:**
1. Serotonin
 2. Metanephine
 3. Normetanephine-lysozyme

Dr. Maisch products are available globally. For more information contact your Dr. Maisch representative at info@dr-maisch.com