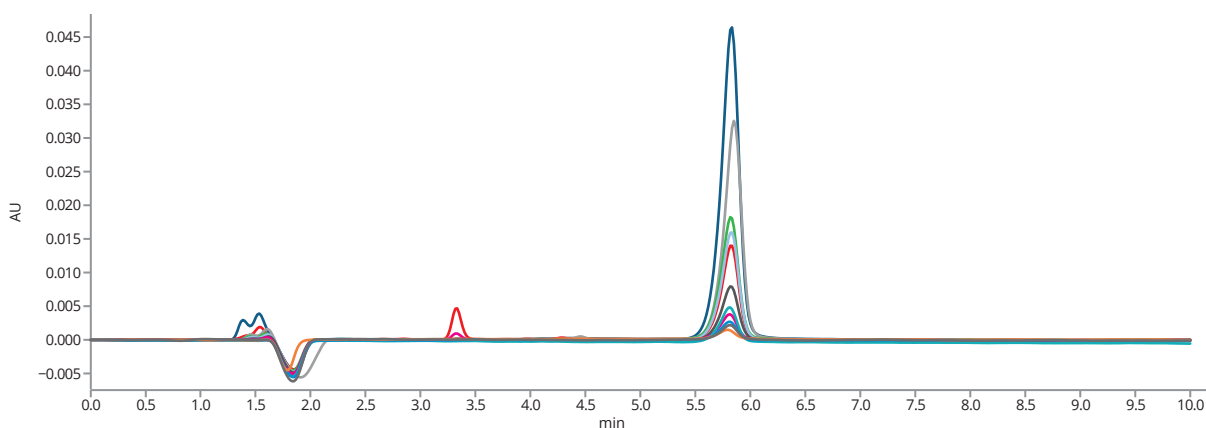


## 2-Formylbenzenesulfonic acid in Zinc plating baths

Chemical additives are widely used in electroplating technology. This application shows the method of HPLC for determination of 2-formylbenzenesulfonic acid, which is used as additive in Zinc plating baths.

<b>Column</b>	ASTRA® DM, 5 µm
<b>Dimensions</b>	150 mm × 4.6 mm
<b>Part number</b>	AST-5810-LK46
<b>Mobile phase</b>	50% water : 47% ACN : 3% 1 mL/L formic acid Isocratic elution
<b>Flow rate</b>	1 mL/min
<b>Temperature</b>	35 °C
<b>Injection volume</b>	20 µL
<b>Pressure</b>	800 psi
<b>Detection</b>	UV at 215 nm and 254 nm
<b>Analytes</b>	<b>1. 2-formylbenzenesulfonic acid, CAS No. 91-25-8</b>

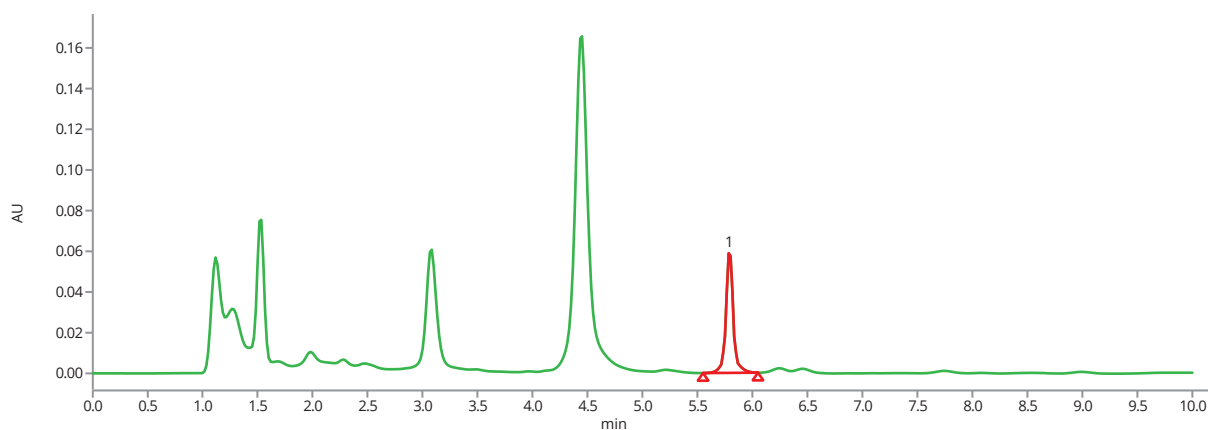


Analysis of standard solution on ASTRA® DM column. RT = 5.8 min

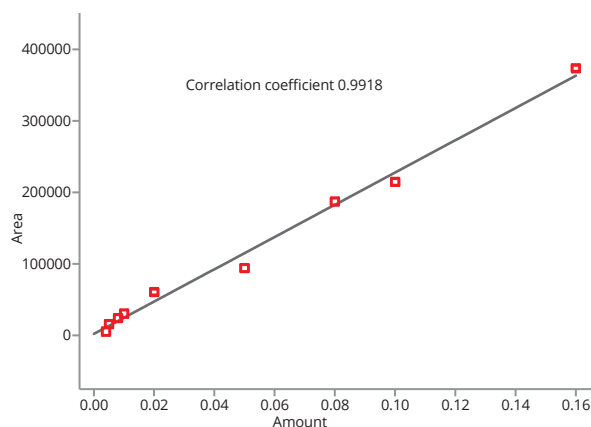
This application was developed by Jana Krejčová, M.Sc., GA  
PROFI TREX, s.r.o., Jablonec nad Nisou, The Czech Republic



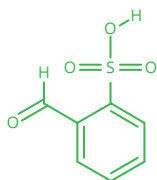
## 2-Formylbenzenesulfonic acid in Zinc plating baths



Analysis of test solution on ASTRA® DM column (at 254 nm)



Calibration curve of 2-formylbenzenesulfonic acid (2-FBSA)



2-formylbenzenesulfonic acid