



SHIMADZU
LabSolutions

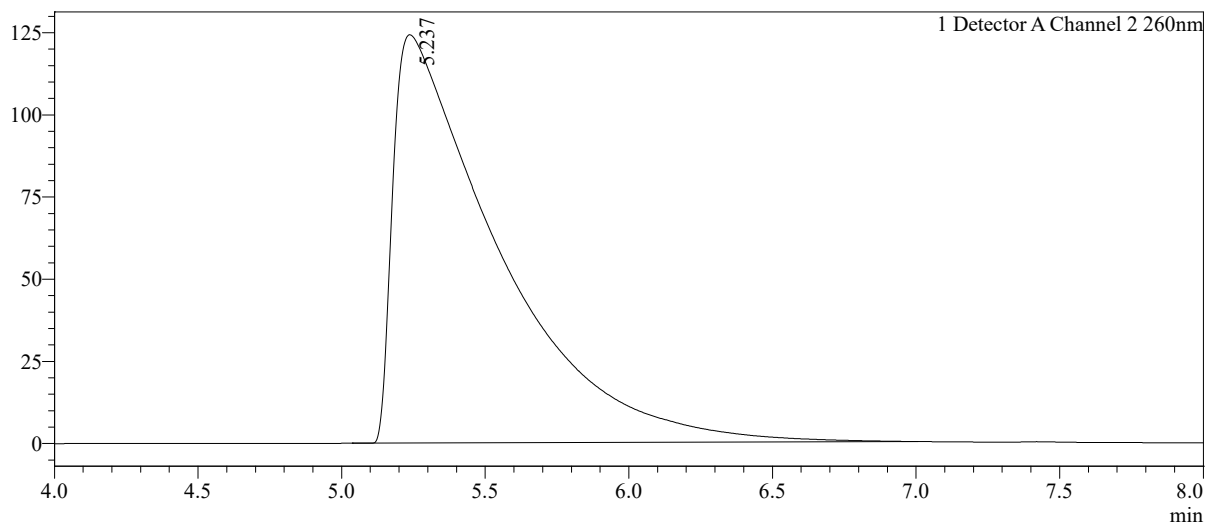
Analysis Report

Sample Information

Sample Name : Nicotine benzoate base 72mg/ml Vg100
 Sample Type : Unknown
 Injection Volume : 2 uL
 Date Processed : 20.04.2021 16:08:33

Chromatogram

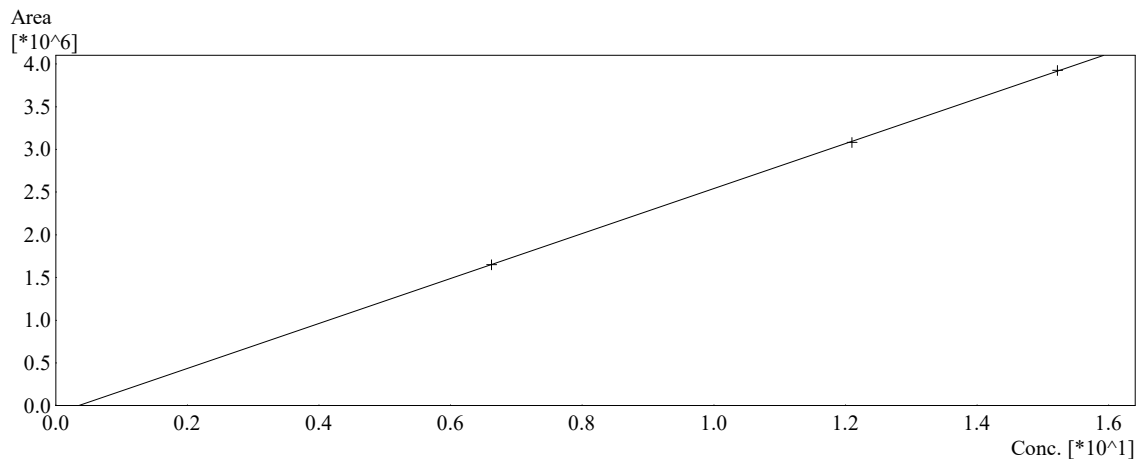
mV



Calibration Curve

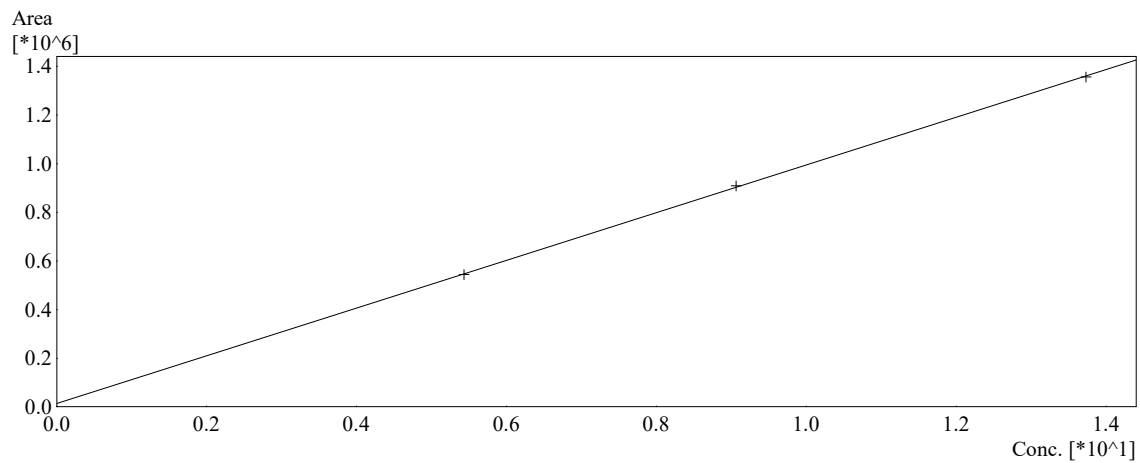
Name : Nicotine
 Quantitative Method : External Standard
 Function : $f(x)=263321*x-92988.9$
 $Rr1=0.9999701$ $Rr2=0.9999402$ $RSS=1.609097e+007$
 FitType : Linear
 Detector Name : Detector A

| # | Conc.(Ratio) | MeanArea | Area |
|---|--------------|----------|---------|
| 1 | 6.62 | 1652403 | 1652403 |
| 2 | 12.096 | 3081053 | 3081053 |
| 3 | 15.2213 | 3923987 | 3923987 |



Name : Benzoic Acid
Quantitative Method : External Standard
Function : $f(x)=98100.8*x+13594.4$
Rr1=0.9999132 Rr2=0.9998264 RSS=6.207843e+006
FitType : Linear
Detector Name : Detector A

| # | Conc.(Ratio) | MeanArea | Area |
|---|--------------|----------|---------|
| 1 | 5.4354 | 544730 | 527441 |
| | | | 562019 |
| 2 | 9.0623 | 908780 | 908780 |
| 3 | 13.7309 | 1356522 | 1356522 |



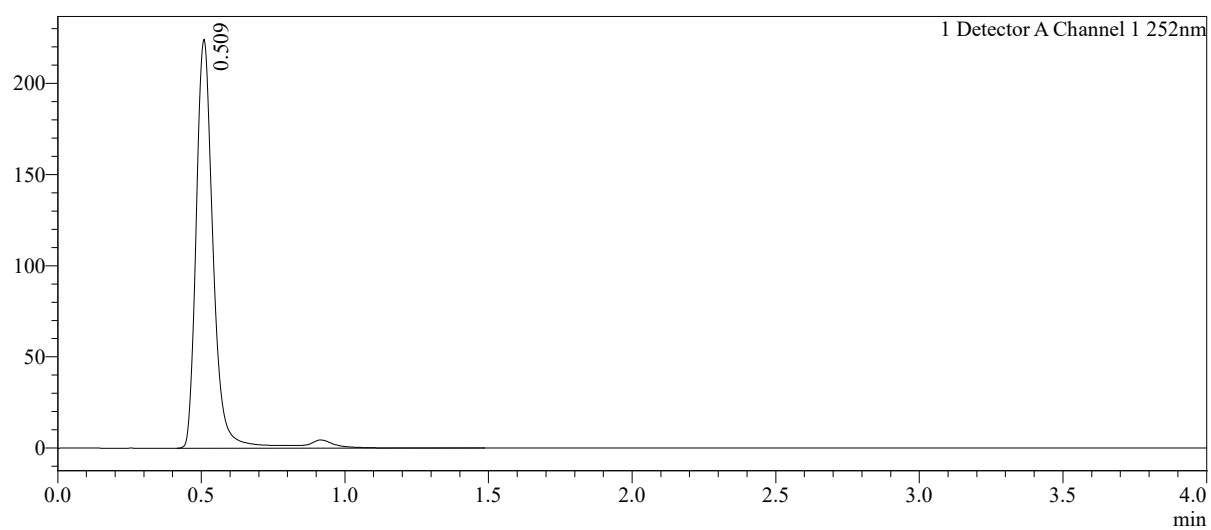
Peak Table

Detector A Channel 2 260nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Name |
|-------|-----------|---------|--------|--------|------|----------|
| 2 | 5.237 | 3171413 | 124213 | 73.153 | mg/L | Nicotine |
| Total | | 3171413 | 124213 | | | |

Chromatogram

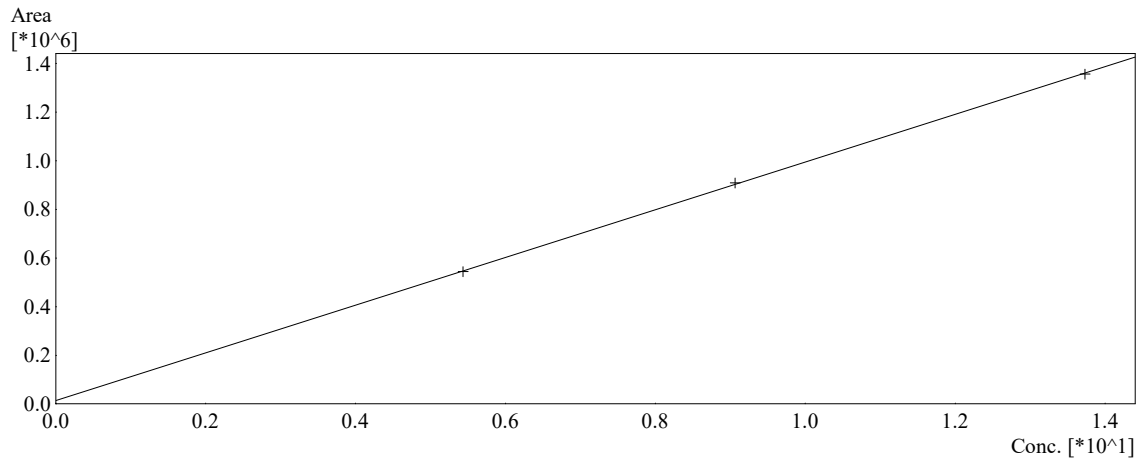
mV



Calibration Curve

Name : Benzoic Acid
 Quantitative Method : External Standard
 Function : $f(x)=98100.8*x+13594.4$
 Rr1=0.9999132 Rr2=0.9998264 RSS=6.207843e+006
 FitType : Linear
 Detector Name : Detector A

| # | Conc.(Ratio) | MeanArea | Area |
|---|--------------|----------|---------|
| 1 | 5.4354 | 544730 | 527441 |
| | | | 562019 |
| 2 | 9.0623 | 908780 | 908780 |
| 3 | 13.7309 | 1356522 | 1356522 |



Peak Table

Detector A Channel 1 252nm

| Peak# | Ret. Time | Area | Height | Conc. | Unit | Name |
|-------|-----------|--------|--------|--------|------|--------------|
| 1 | 0.509 | 926576 | 224179 | 54.917 | mg/L | Benzoic Acid |
| Total | | 926576 | 224179 | | | |