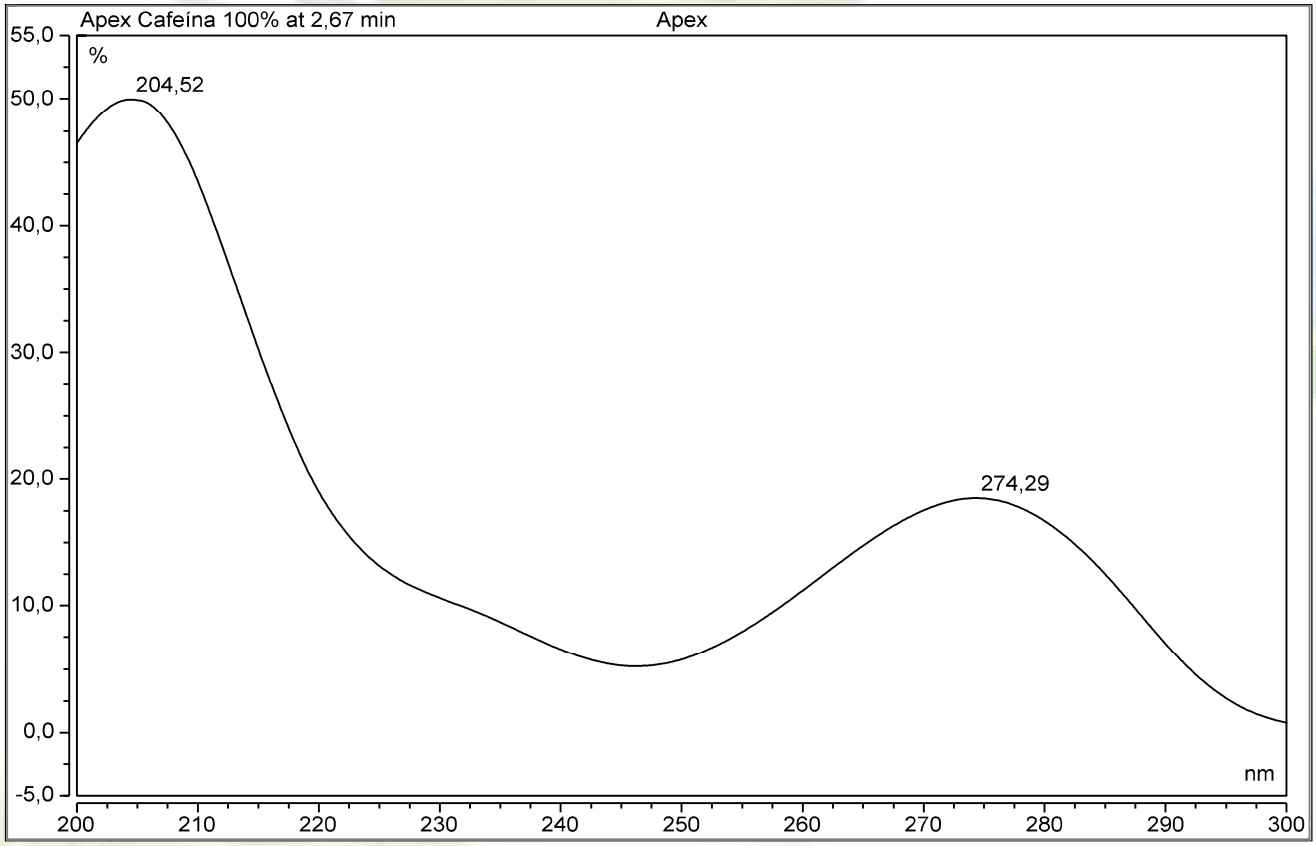
# Spectral Library Screening Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **EDUV** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA1** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **31/jan/24 14:46** | *Sample Weight:* | **1,0000** |

## UV Spectra — Cafeína




## Spectral Library Screening Results

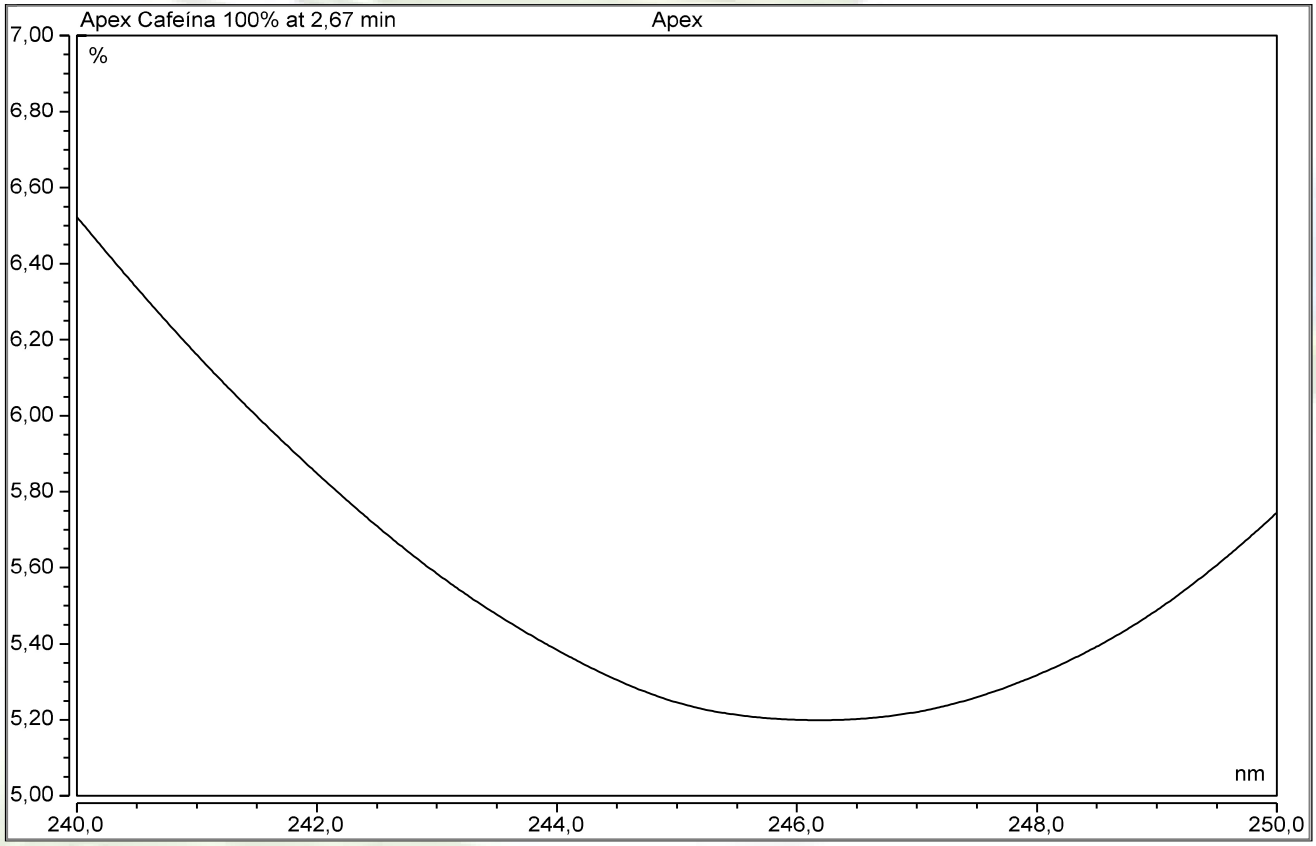
| | Hit# 1 | Hit# 2 | Hit# 3 |
|---|---|---|---|
| Library: | n.a. | n.a. | n.a. |
| Component: | n.a. | n.a. | n.a. |
| Match Factor: | n.a. | n.a. | n.a. |
| Ret.Time: | n.a. | n.a. | n.a. |
| Origin: | | | |
| Acq.Date: | n.a. | n.a. | n.a. |
| Instrument Method: | n.a. | n.a. | n.a. |

# Spectral Library Screening Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **EDUV** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA1** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **31/jan/24 14:46** | *Sample Weight:* | **1,0000** |

## UV Spectra — Cafeína




## Spectral Library Screening Results

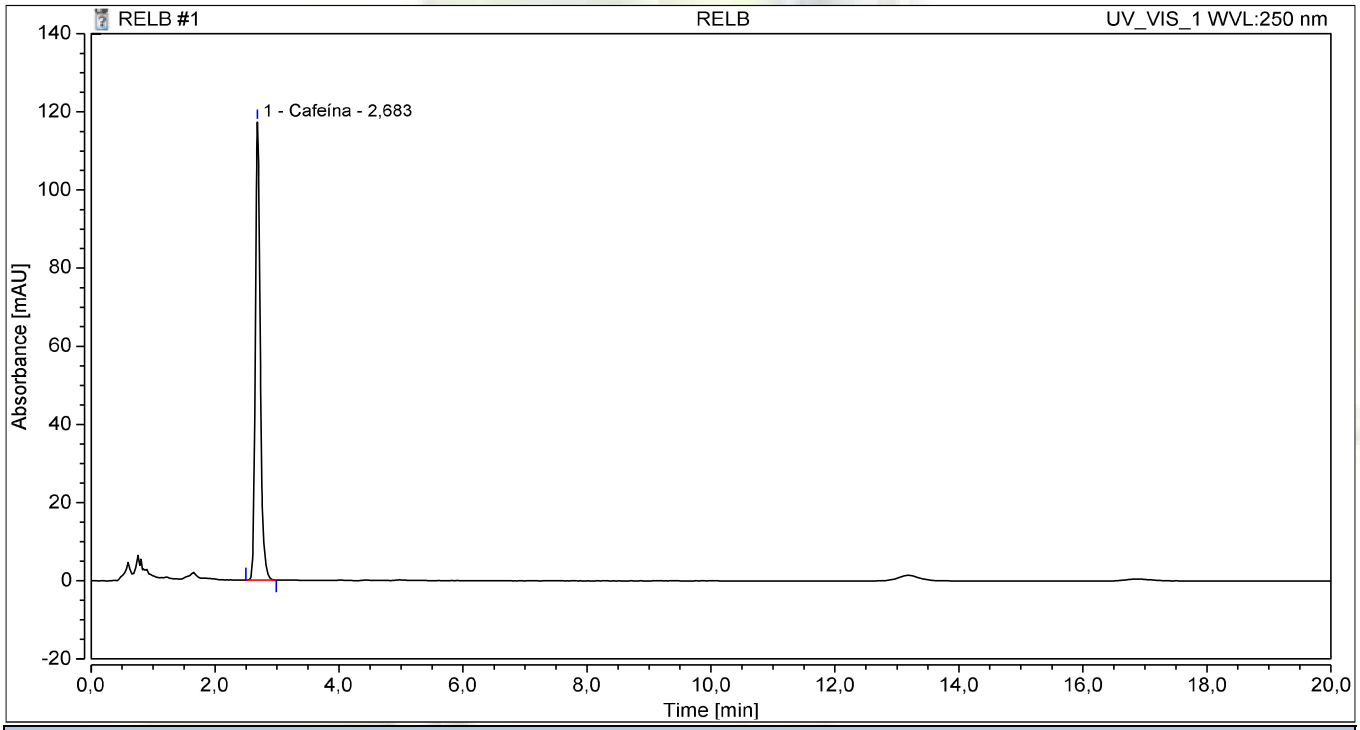
| | Hit# 1 | Hit# 2 | Hit# 3 |
|---|---|---|---|
| Library: | n.a. | n.a. | n.a. |
| Component: | n.a. | n.a. | n.a. |
| Match Factor: | n.a. | n.a. | n.a. |
| Ret.Time: | n.a. | n.a. | n.a. |
| Origin: | | | |
| Acq.Date: | n.a. | n.a. | n.a. |
| Instrument Method: | n.a. | n.a. | n.a. |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **RELB** | *Run Time (min):* | **20,00** |
| *Vial Number:* | **GB2** | *Injection Volume:* | **20,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **RELB** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **31/jan/24 15:22** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

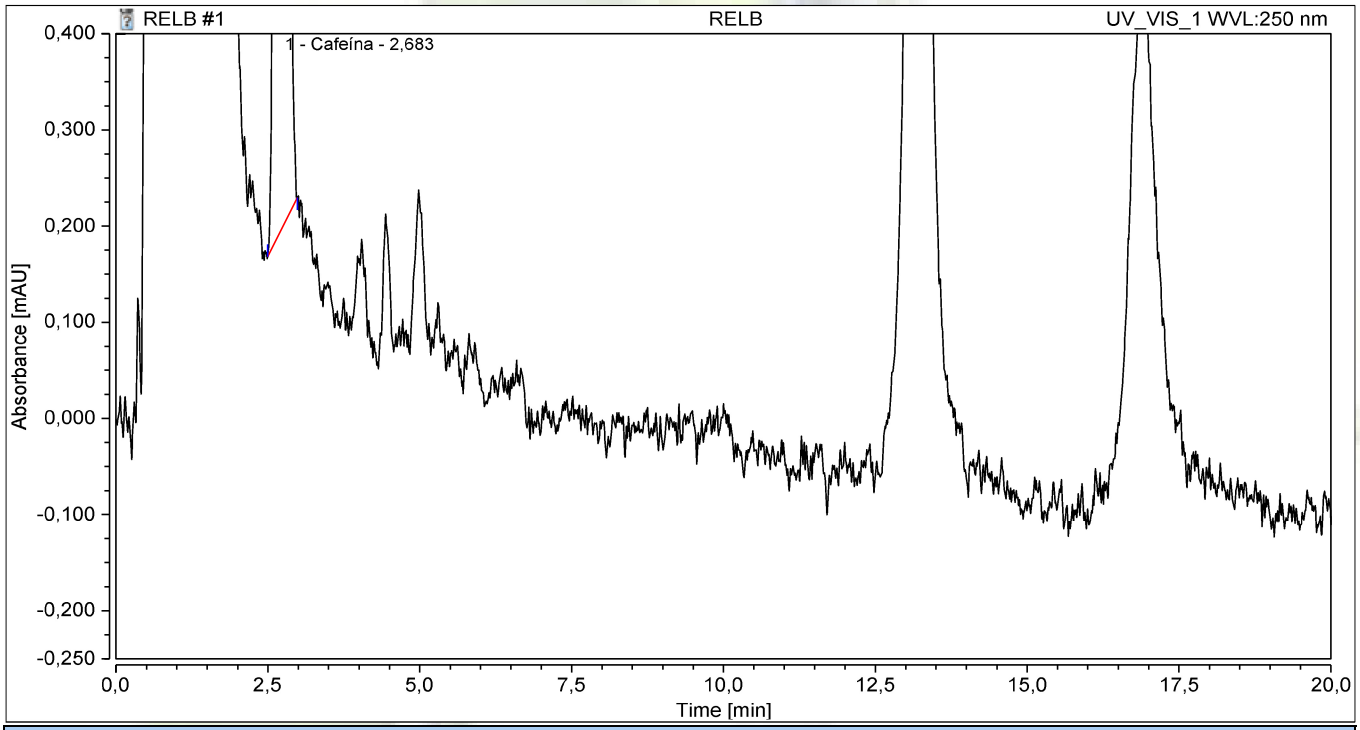
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,683 | 10,590 | 117,285 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **10,590** | **117,285** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **RELB** | *Run Time (min):* | **20,00** |
| *Vial Number:* | **GB2** | *Injection Volume:* | **20,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **RELB** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **31/jan/24 15:22** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

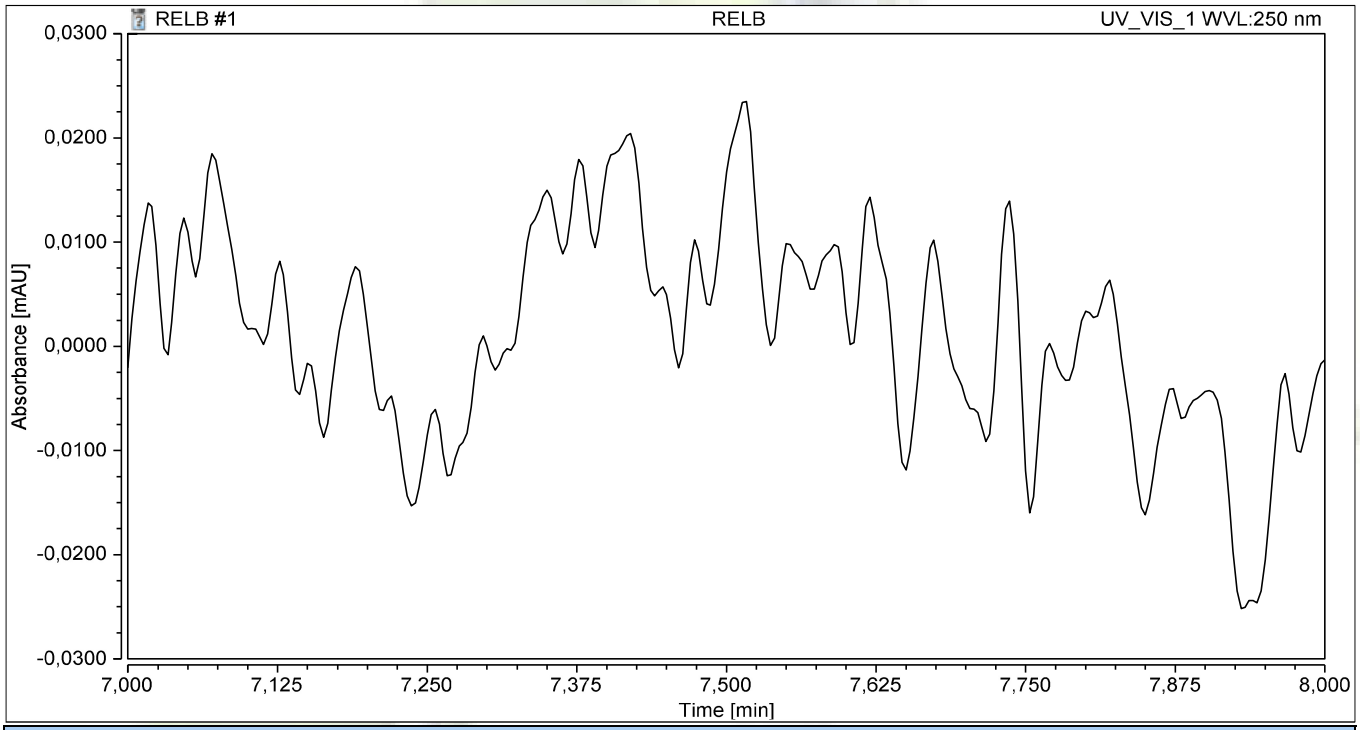
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,683 | 10,590 | 117,285 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **10,590** | **117,285** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **RELB** | *Run Time (min):* | **20,00** |
| *Vial Number:* | **GB2** | *Injection Volume:* | **20,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **RELB** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **31/jan/24 15:22** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

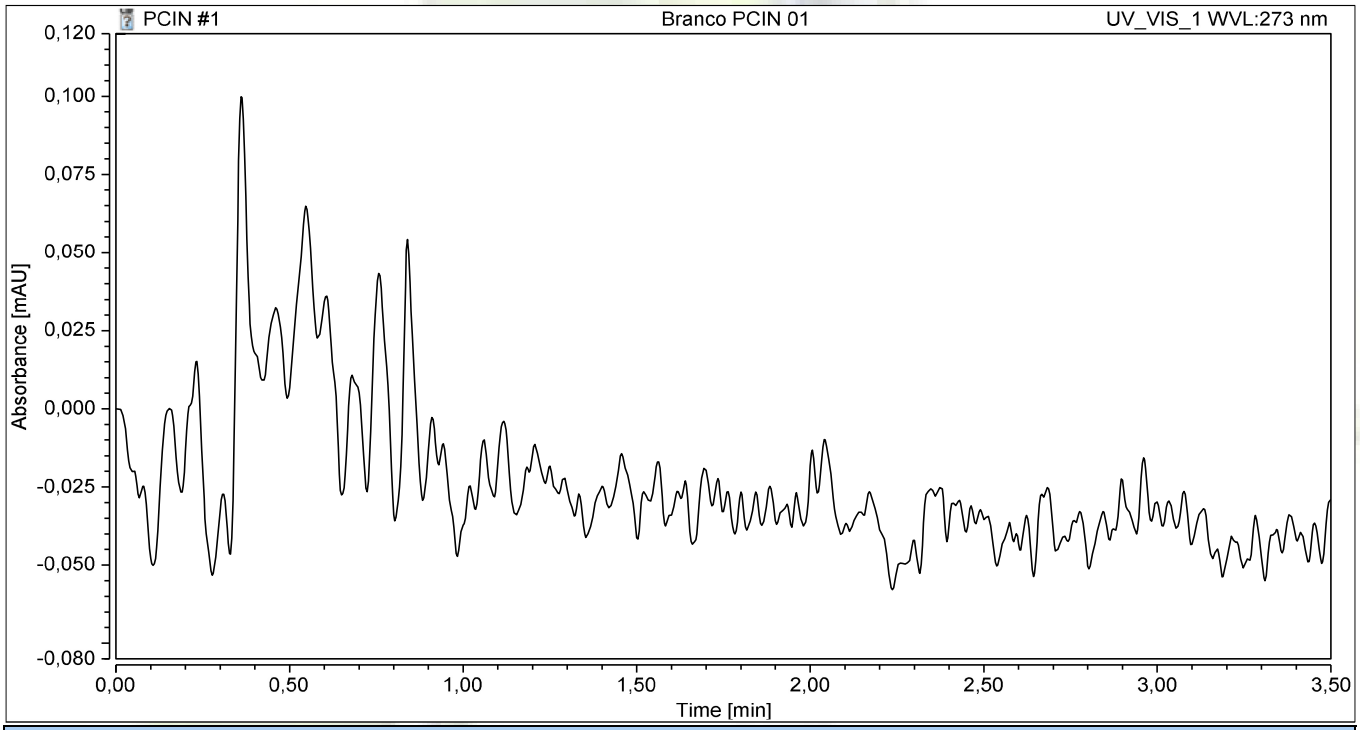
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,683 | 10,590 | 117,285 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **10,590** | **117,285** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **Branco PCIN 01** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA2** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **250,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **31/jan/24 16:01** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

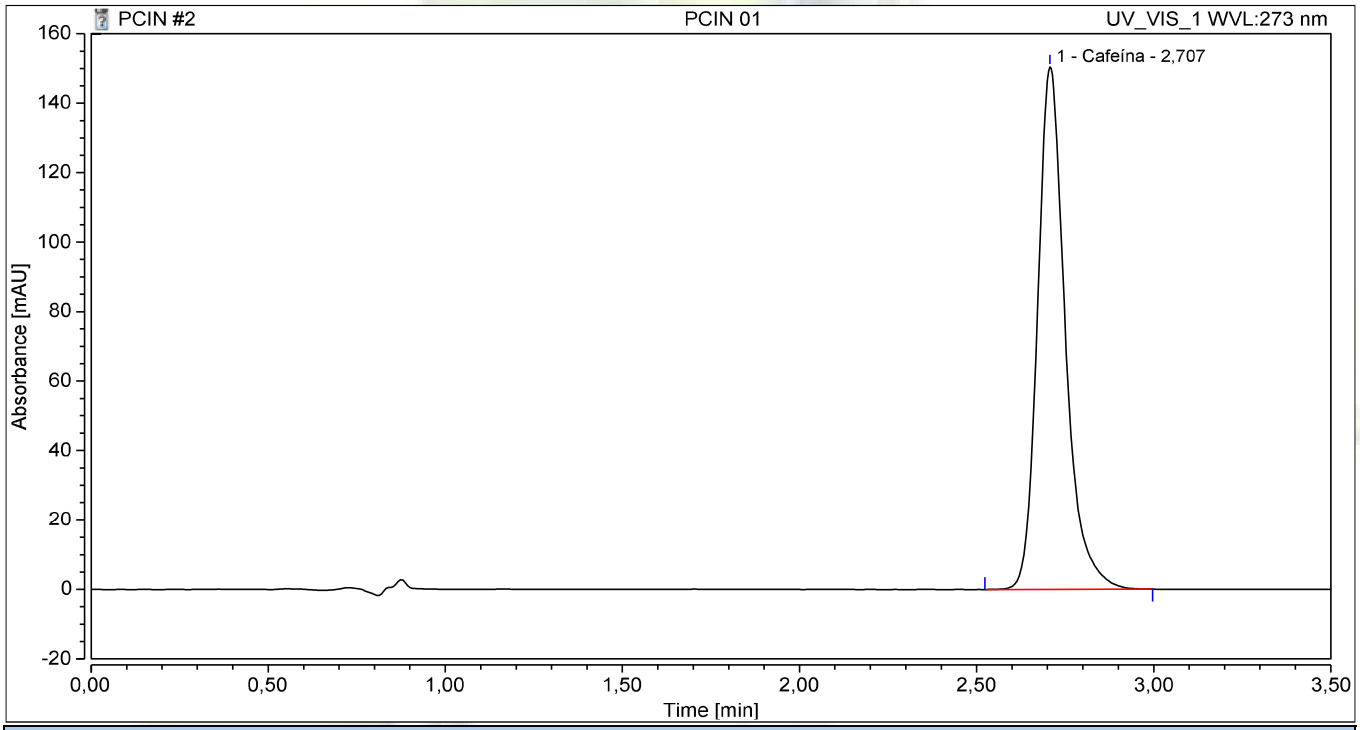
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| n.a. | Cafeína | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| **Total:** | | | **0,000** | **0,000** | **0,00** | **0,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **PCIN 01** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA3** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **31/jan/24 16:06** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

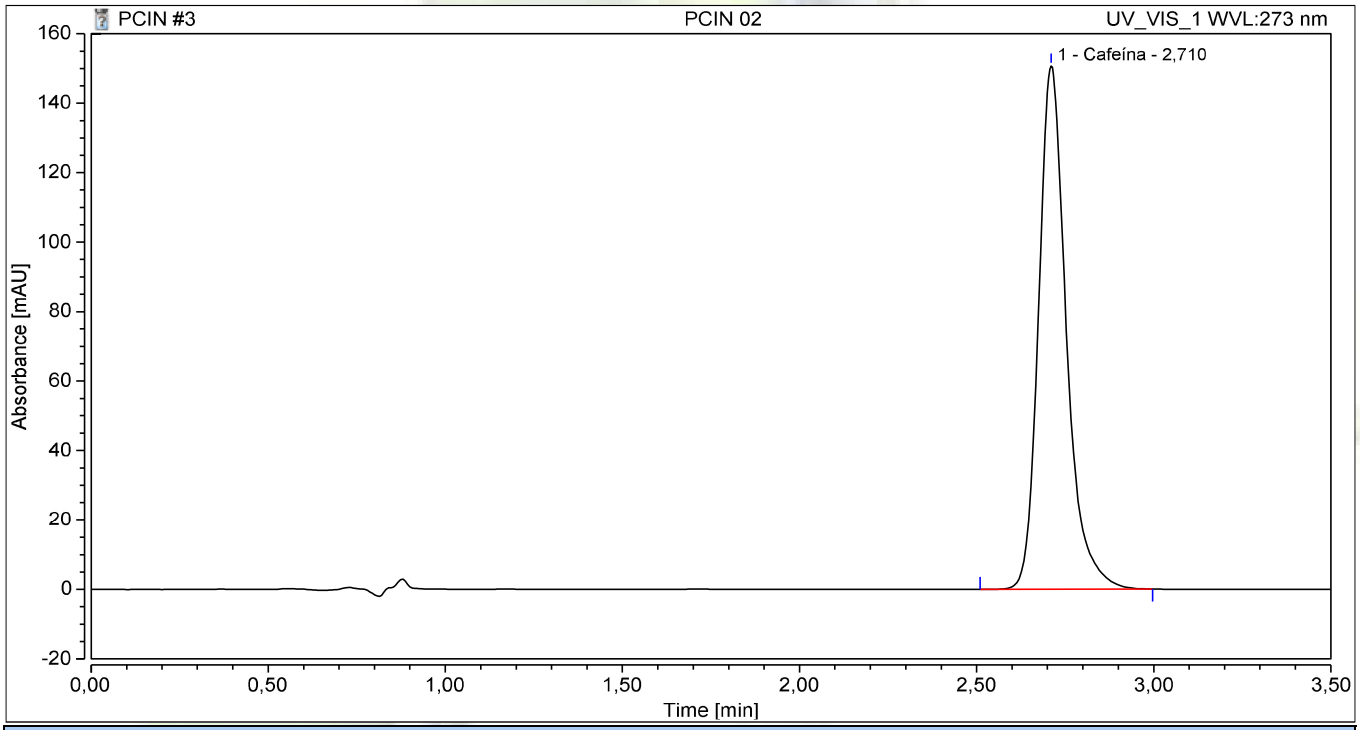
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,707 | 13,608 | 150,354 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **13,608** | **150,354** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **PCIN 02** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA3** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **31/jan/24 16:10** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

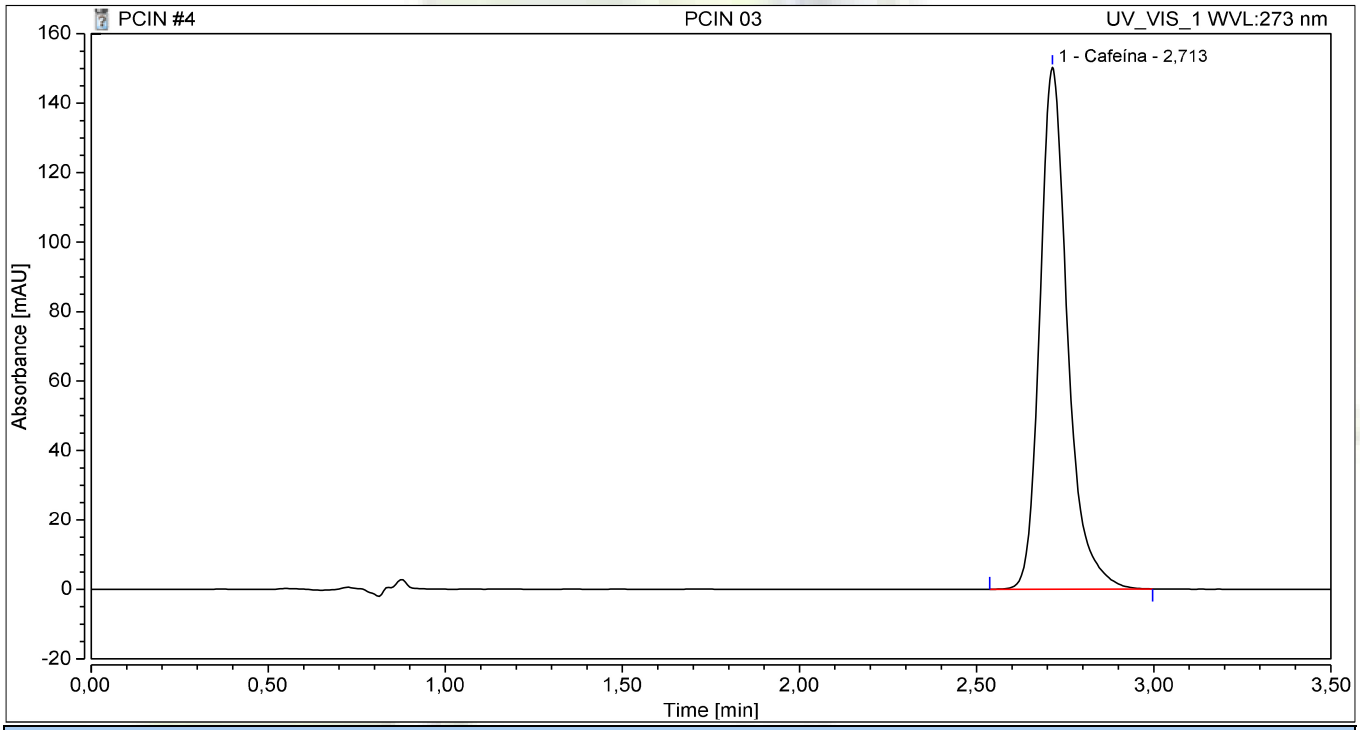
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,710 | 13,669 | 150,738 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **13,669** | **150,738** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **PCIN 03** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA3** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **31/jan/24 16:15** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

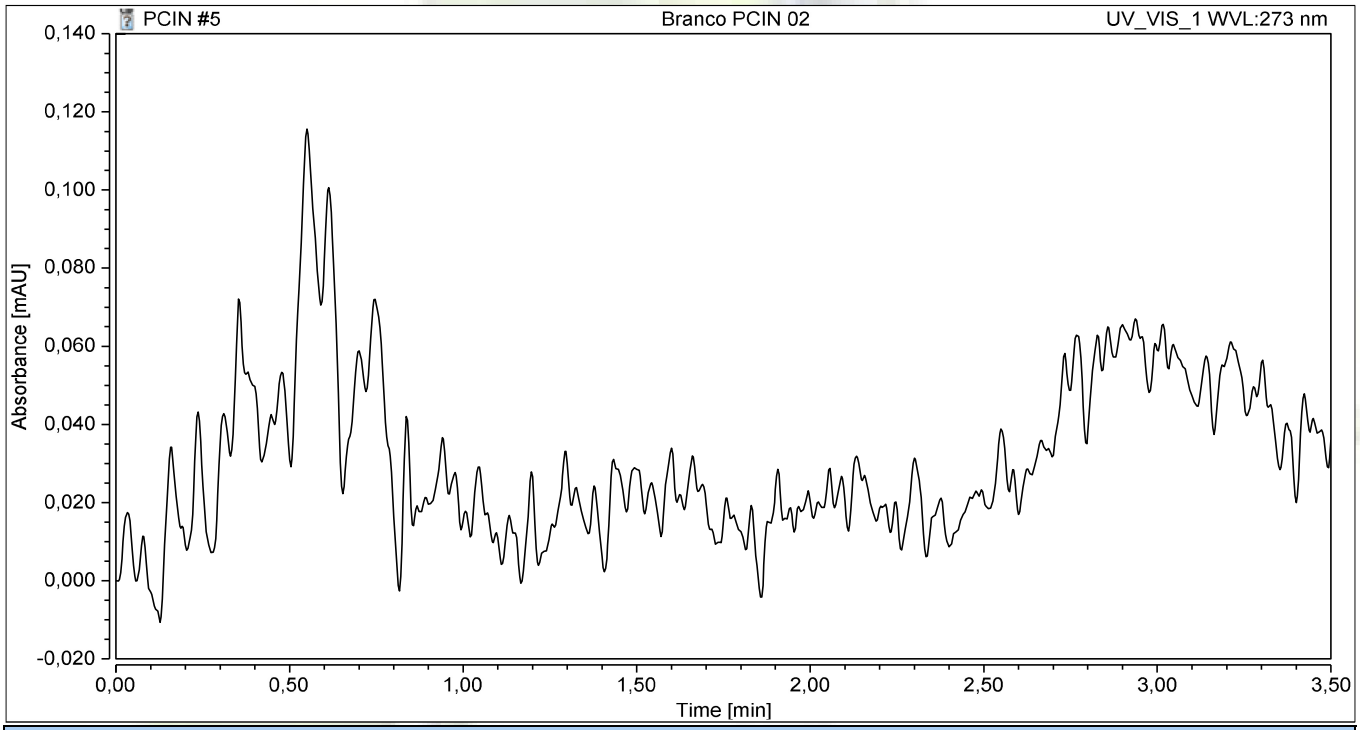
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,713 | 13,614 | 150,247 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **13,614** | **150,247** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **Branco PCIN 02** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA2** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **31/jan/24 16:20** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

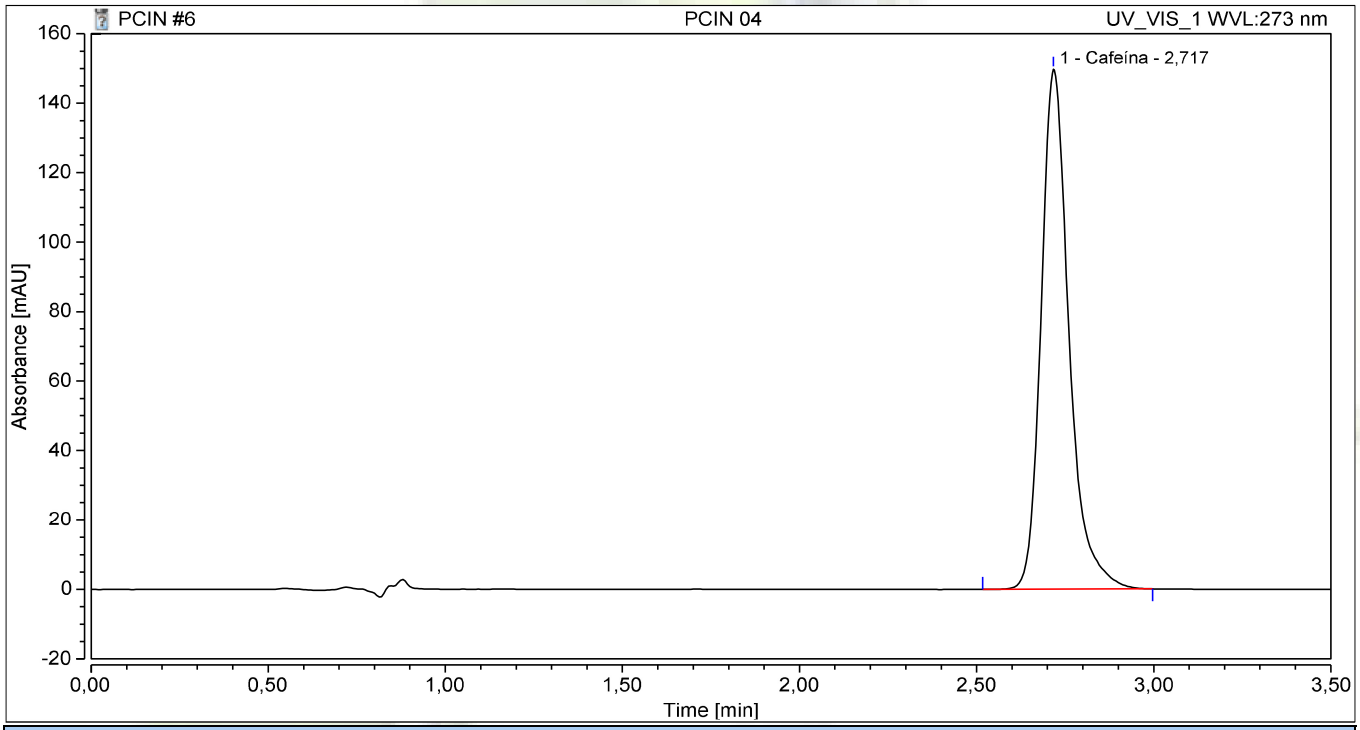
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| n.a. | Cafeína | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| **Total:** | | | **0,000** | **0,000** | **0,00** | **0,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **PCIN 04** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA3** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **31/jan/24 16:24** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

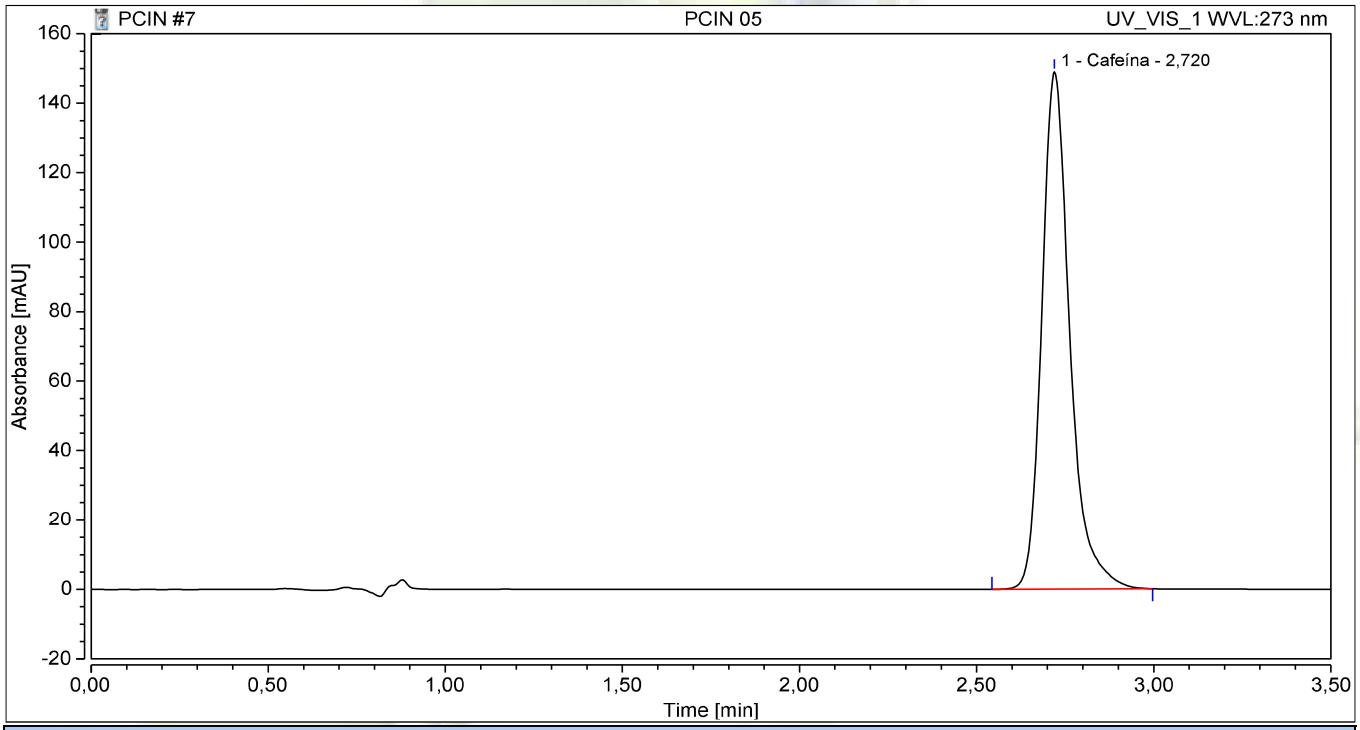
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,717 | 13,634 | 149,743 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **13,634** | **149,743** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **PCIN 05** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA3** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **31/jan/24 16:29** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

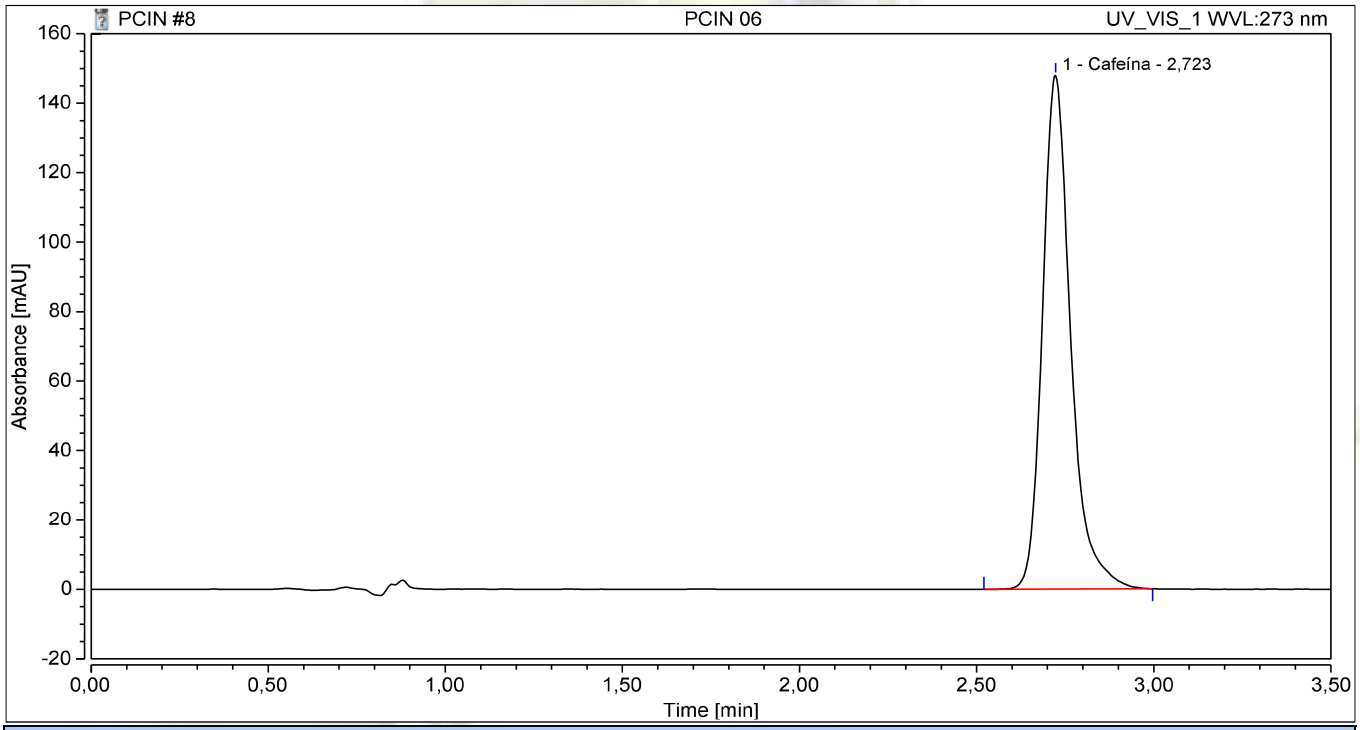
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,720 | 13,610 | 148,967 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **13,610** | **148,967** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **PCIN 06** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA3** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **31/jan/24 16:34** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

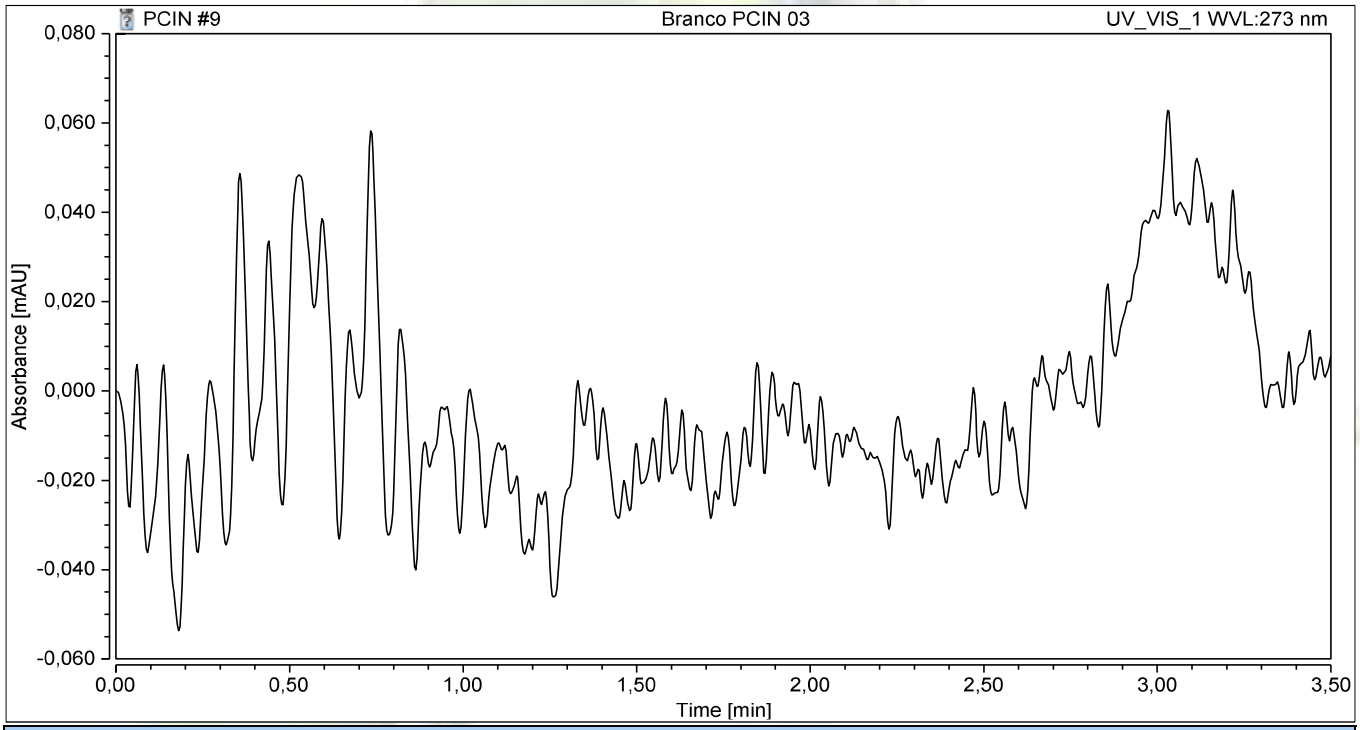
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,723 | 13,632 | 147,898 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **13,632** | **147,898** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **Branco PCIN 03** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA2** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **31/jan/24 16:38** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

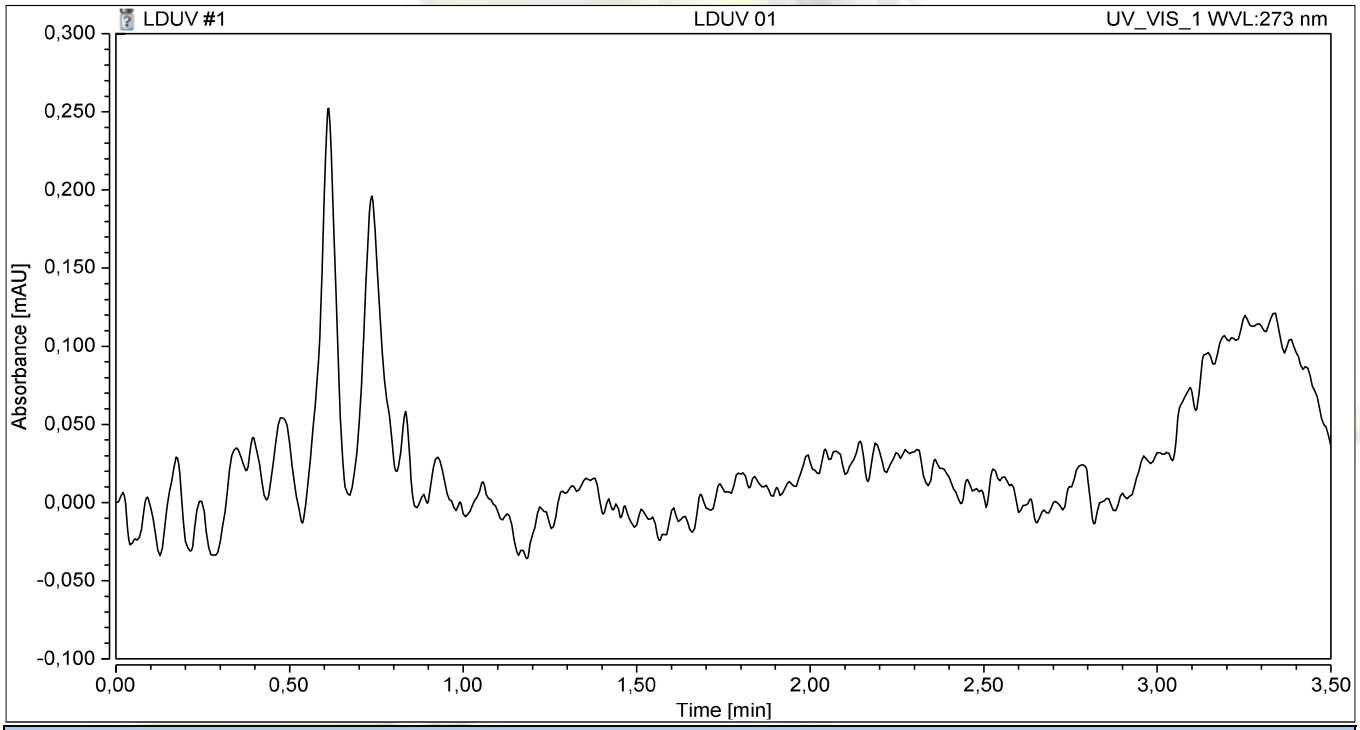
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| n.a. | Cafeína | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| **Total:** | | | **0,000** | **0,000** | **0,00** | **0,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **LDUV 01** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA4** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **01/fev/24 10:21** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

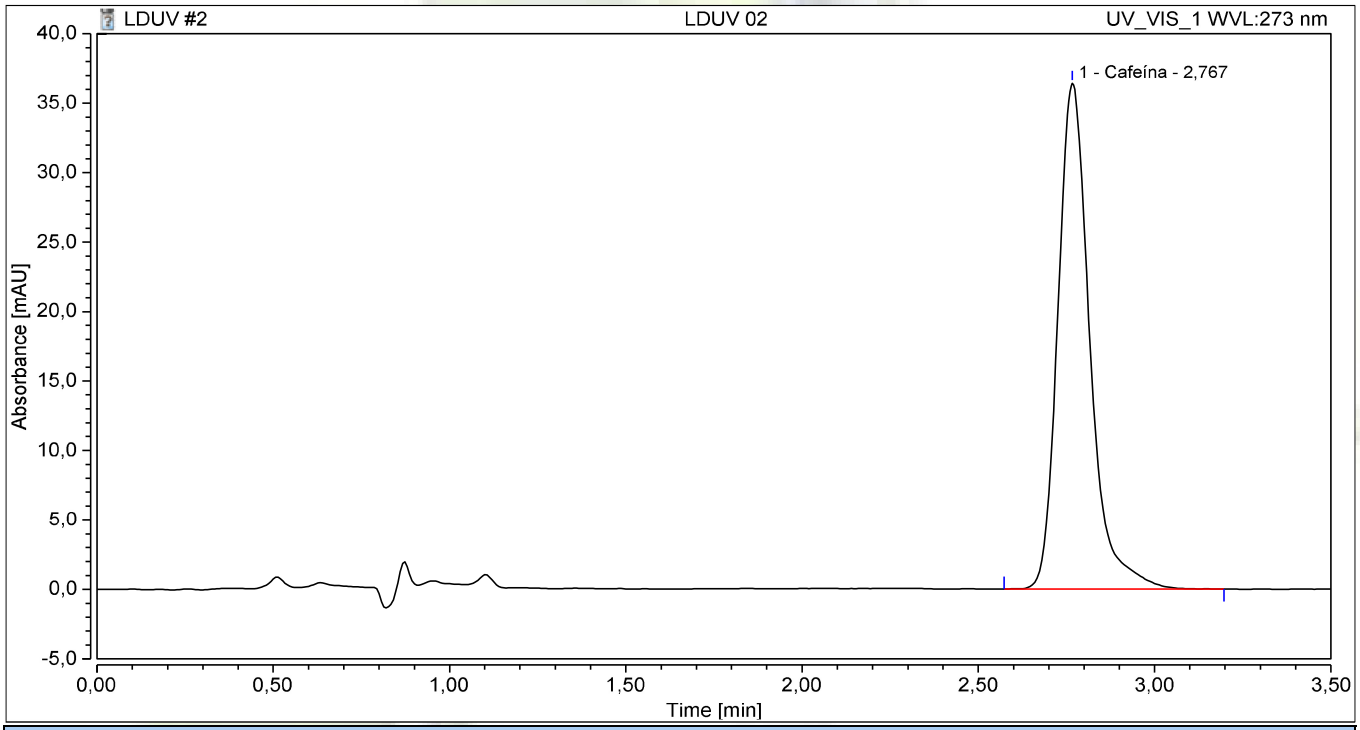
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| n.a. | Cafeína | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| **Total:** | | | **0,000** | **0,000** | **0,00** | **0,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **LDUV 02** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA5** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **01/fev/24 10:26** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

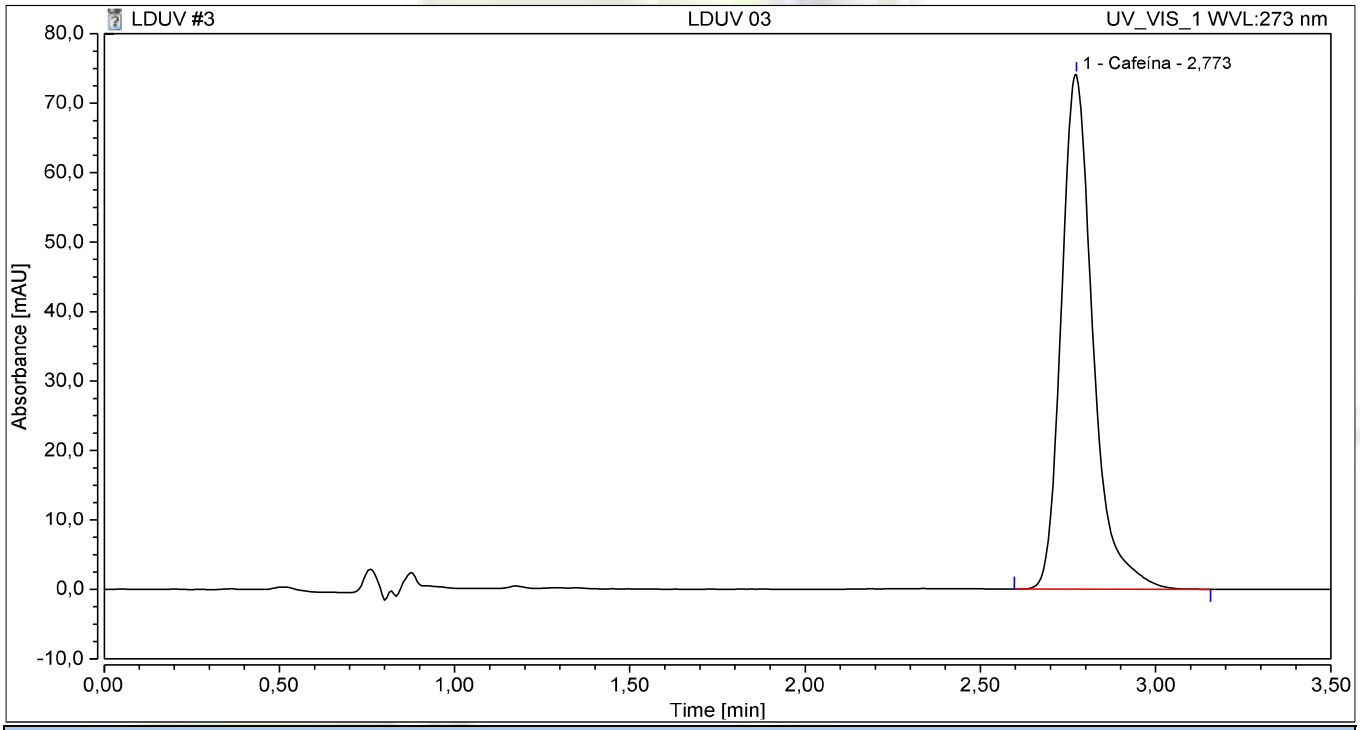
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,767 | 3,822 | 36,400 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **3,822** | **36,400** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **LDUV 03** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA6** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **01/fev/24 10:47** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

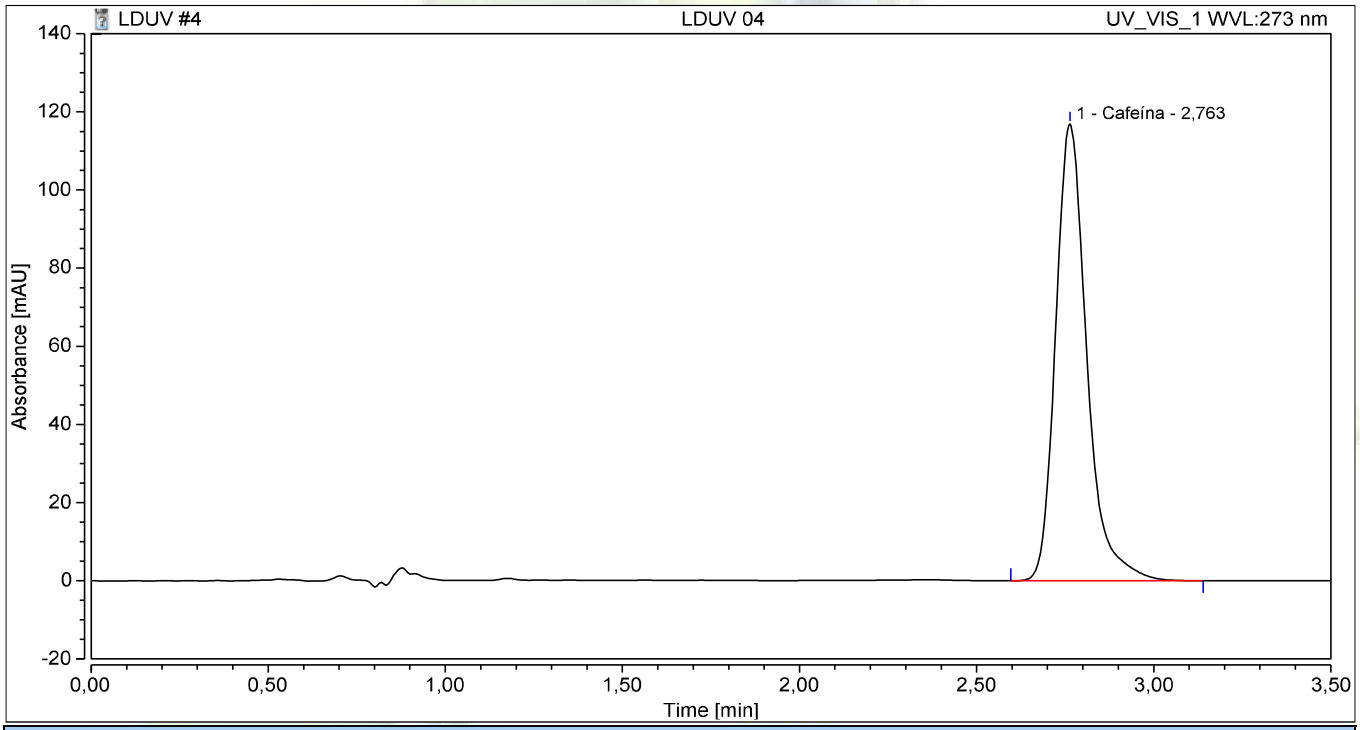
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,773 | 7,750 | 74,106 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **7,750** | **74,106** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **LDUV 04** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA7** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **01/fev/24 11:04** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

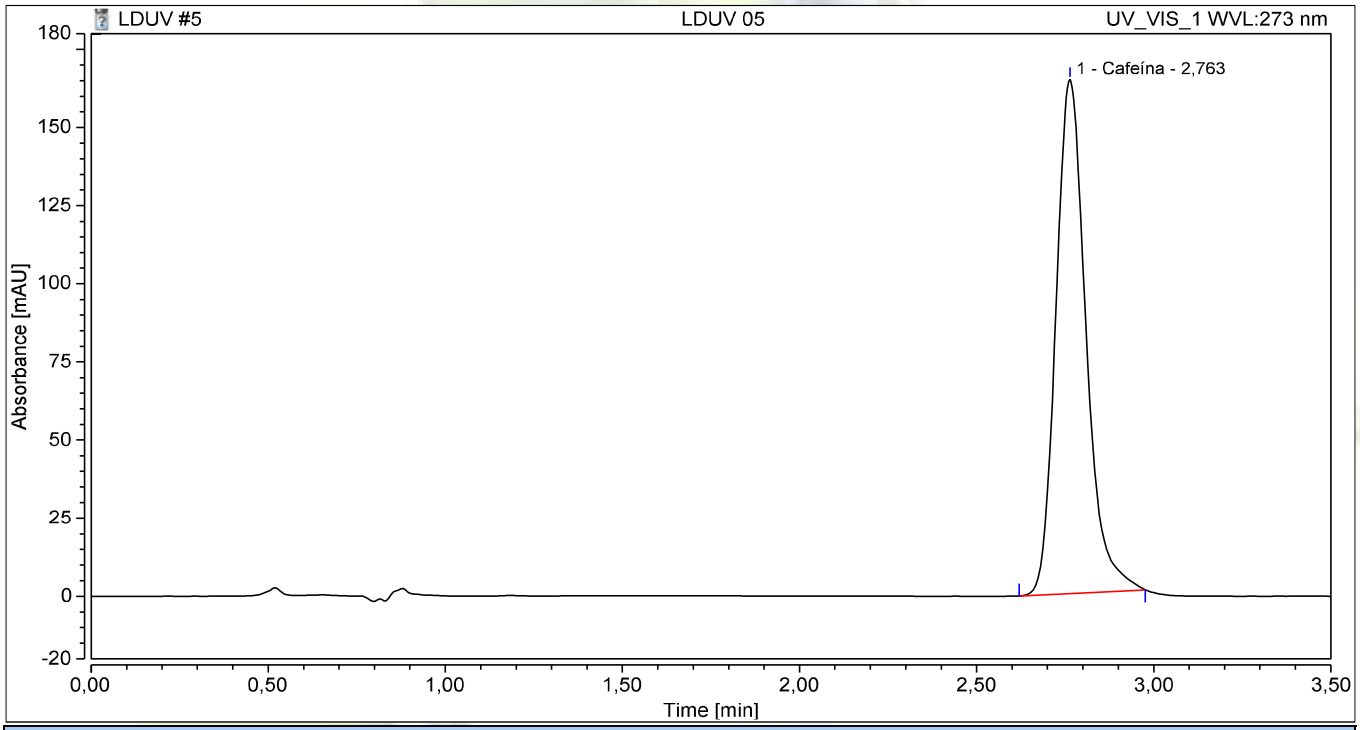
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,763 | 11,886 | 116,865 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **11,886** | **116,865** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **LDUV 05** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GA8** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **01/fev/24 11:08** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

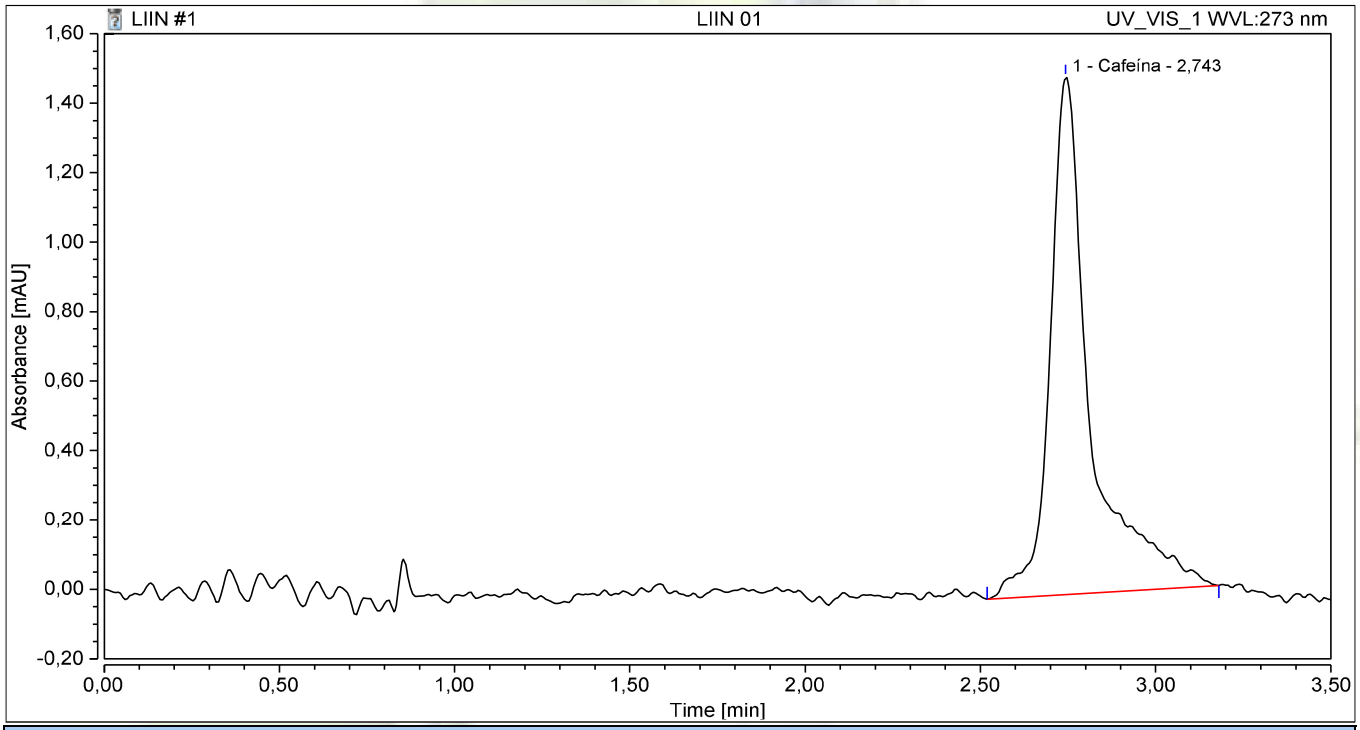
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,763 | 16,164 | 164,411 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **16,164** | **164,411** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **LIIN 01** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GB1** | *Injection Volume:* | **0,10** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **01/fev/24 11:20** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

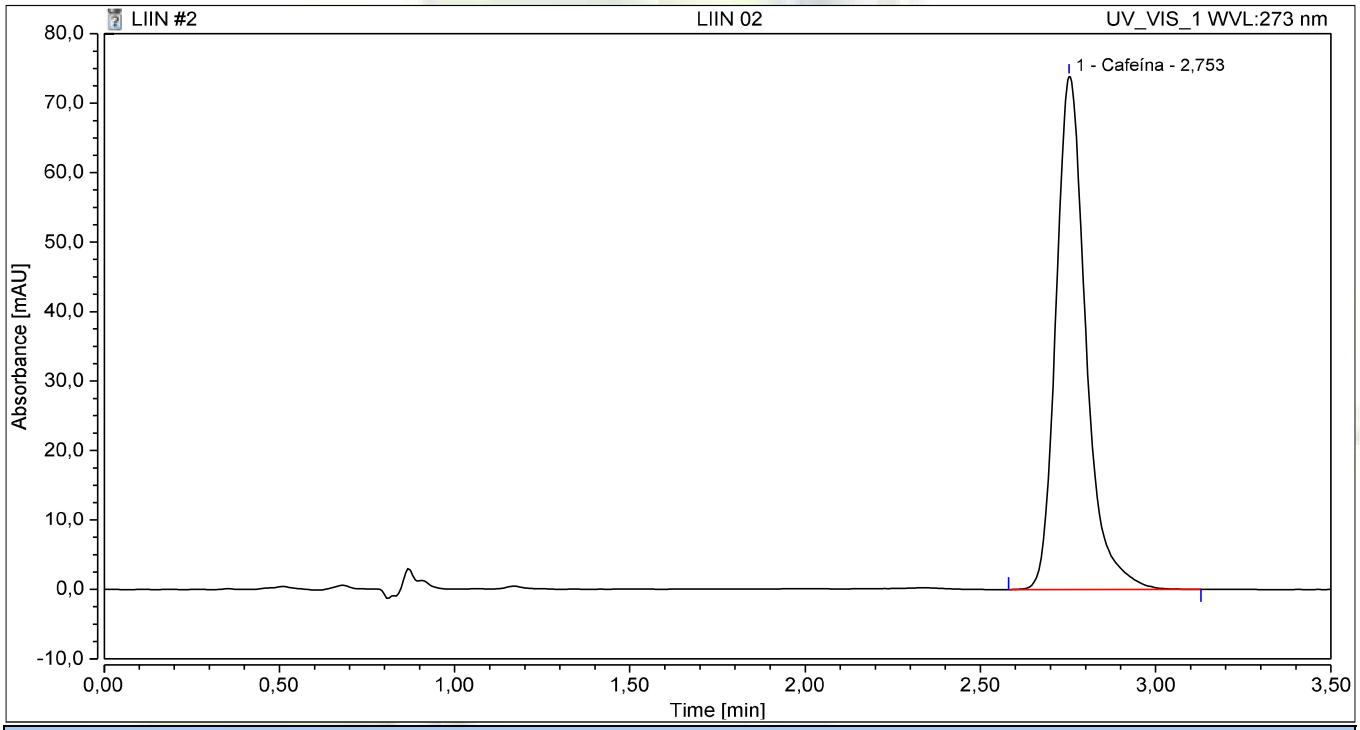
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,743 | 0,199 | 1,490 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **0,199** | **1,490** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **LIIN 02** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GB1** | *Injection Volume:* | **5,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **01/fev/24 11:24** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

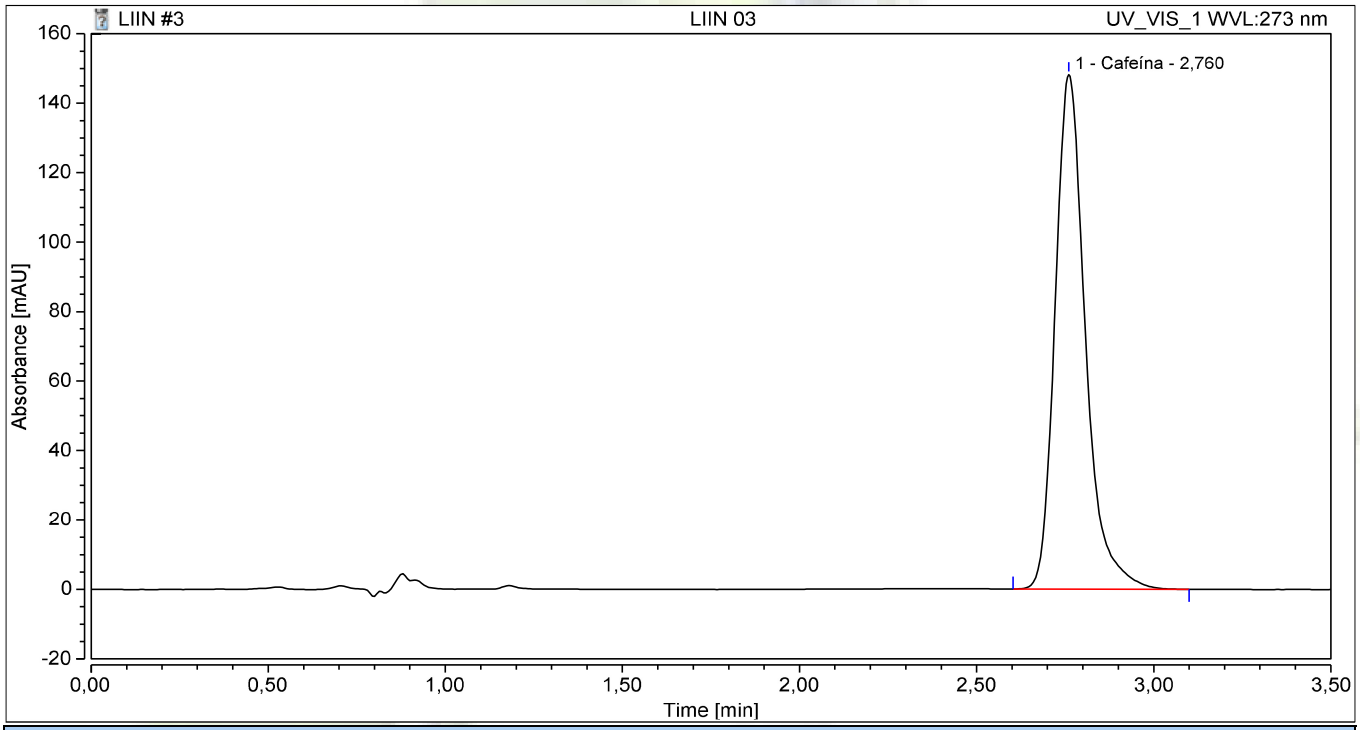
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,753 | 7,305 | 73,880 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **7,305** | **73,880** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **LIIN 03** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GB1** | *Injection Volume:* | **10,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **01/fev/24 11:29** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

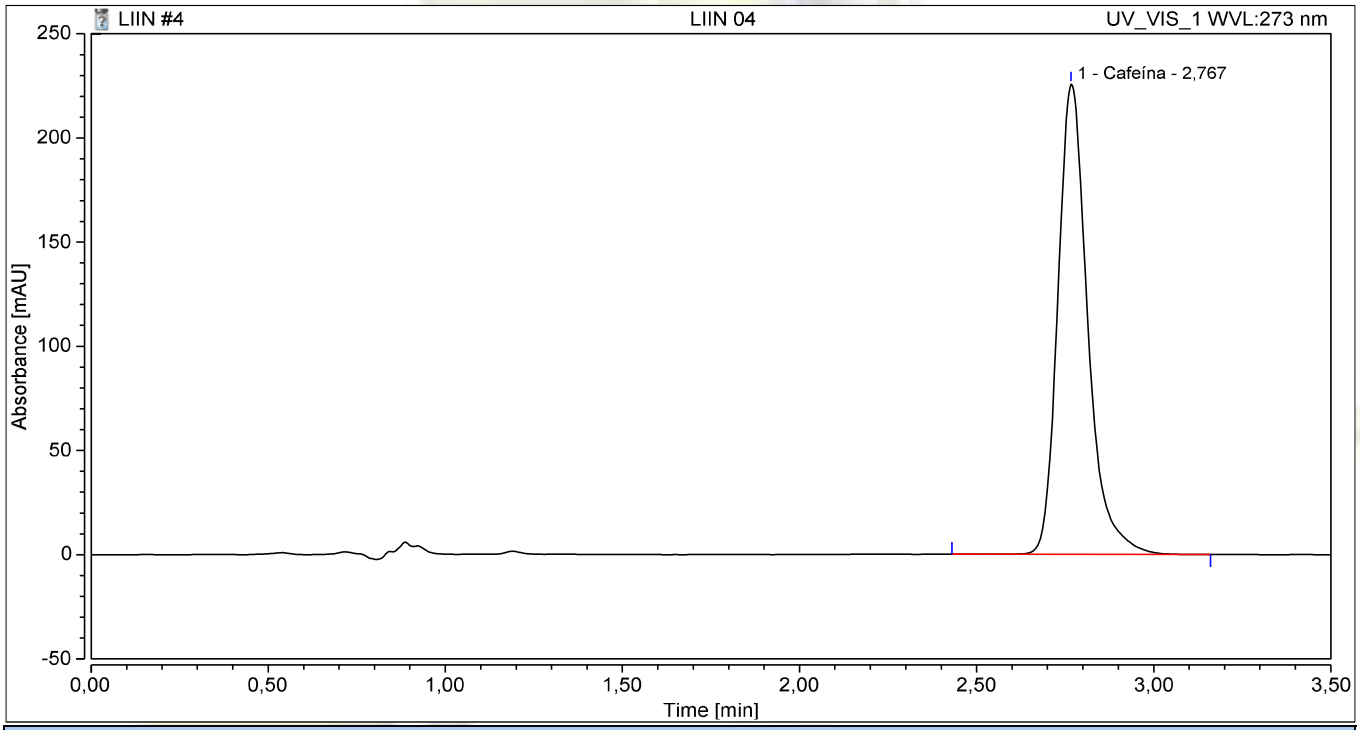
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,760 | 14,628 | 148,196 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **14,628** | **148,196** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **LIIN 04** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GB1** | *Injection Volume:* | **15,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **01/fev/24 11:34** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

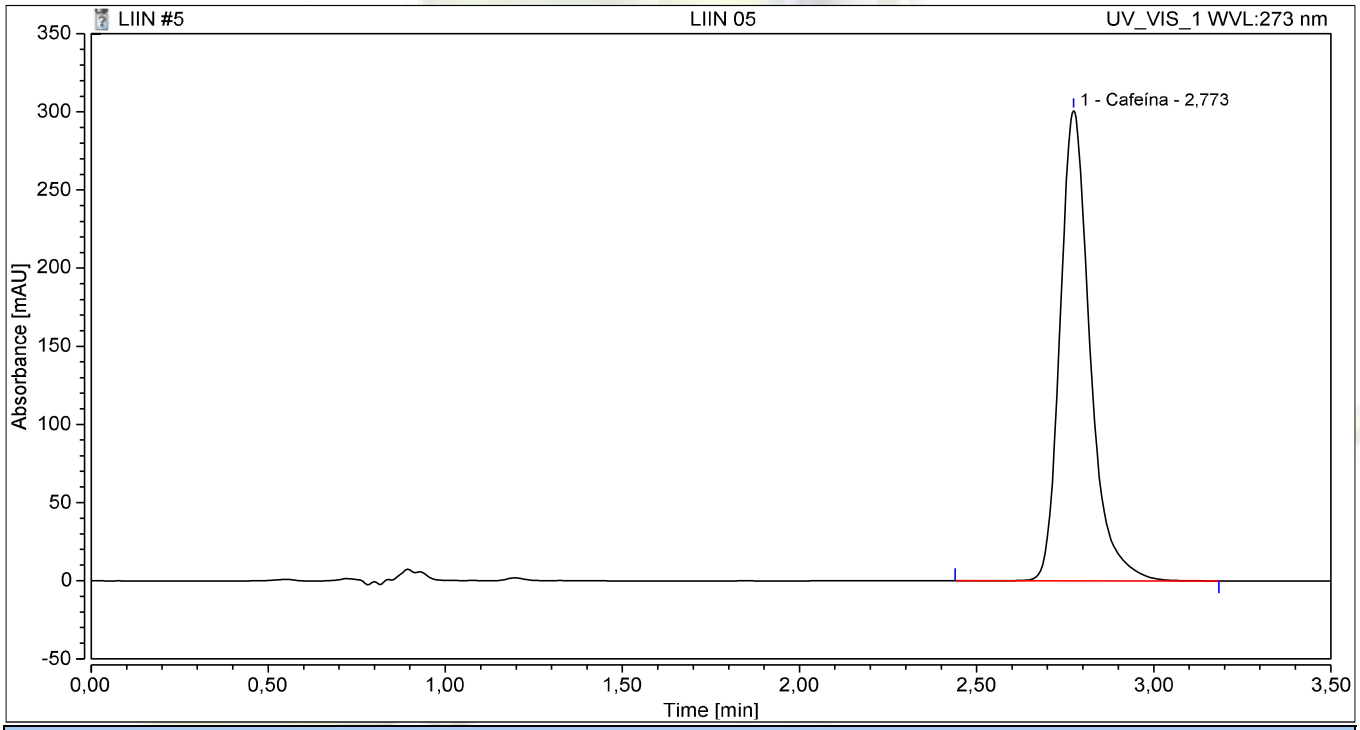
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,767 | 22,046 | 225,613 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **22,046** | **225,613** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **LIIN 05** | *Run Time (min):* | **3,50** |
| *Vial Number:* | **GB1** | *Injection Volume:* | **20,00** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **Qualificação QPack HP04** | *Bandwidth:* | **1** |
| *Processing Method:* | **EDUV** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **01/fev/24 11:38** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

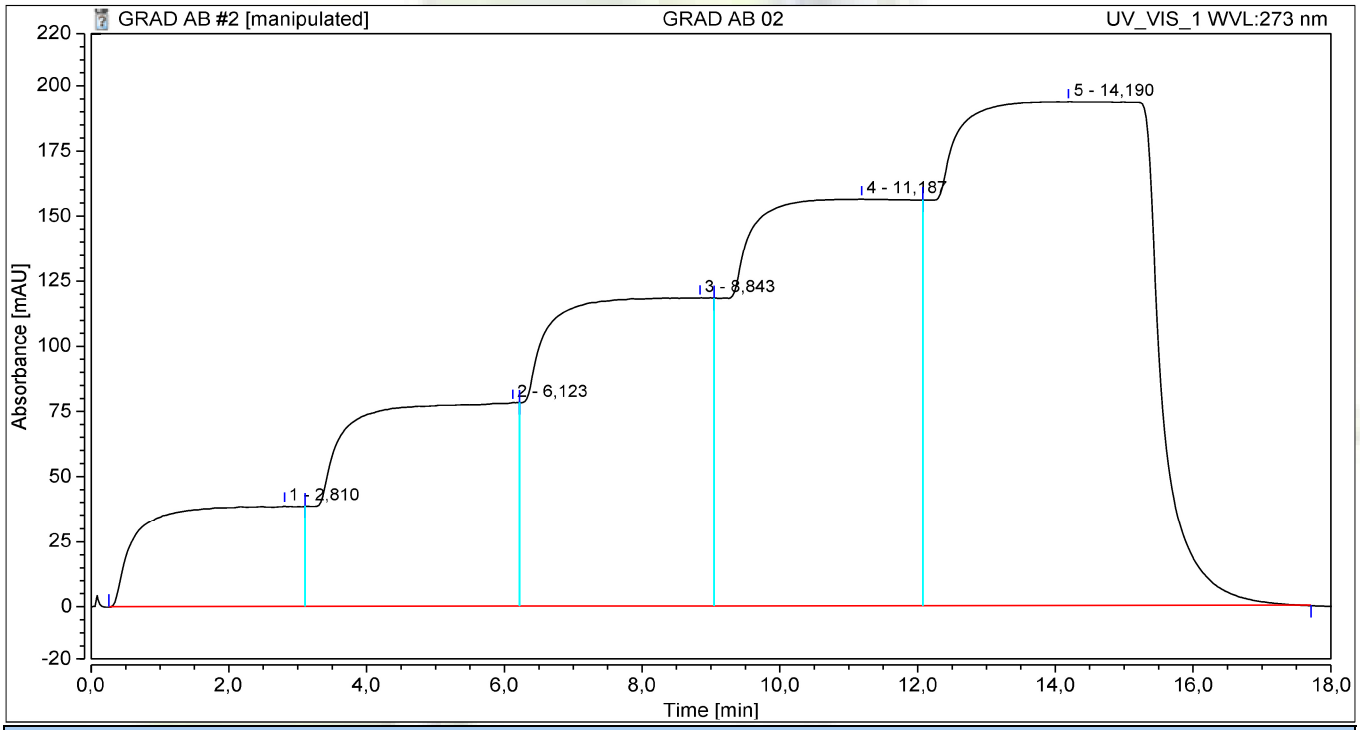
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount |
|---|---|---|---|---|---|---|---|
| 1 | Cafeína | 2,773 | 29,481 | 300,734 | 100,00 | 100,00 | n.a. |
| **Total:** | | | **29,481** | **300,734** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **GRAD AB 02** | *Run Time (min):* | **18,00** |
| *Vial Number:* | **GA2** | *Injection Volume:* | **0,10** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **GRAD AB** | *Bandwidth:* | **1** |
| *Processing Method:* | **New Processing Method** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **01/fev/24 12:47** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

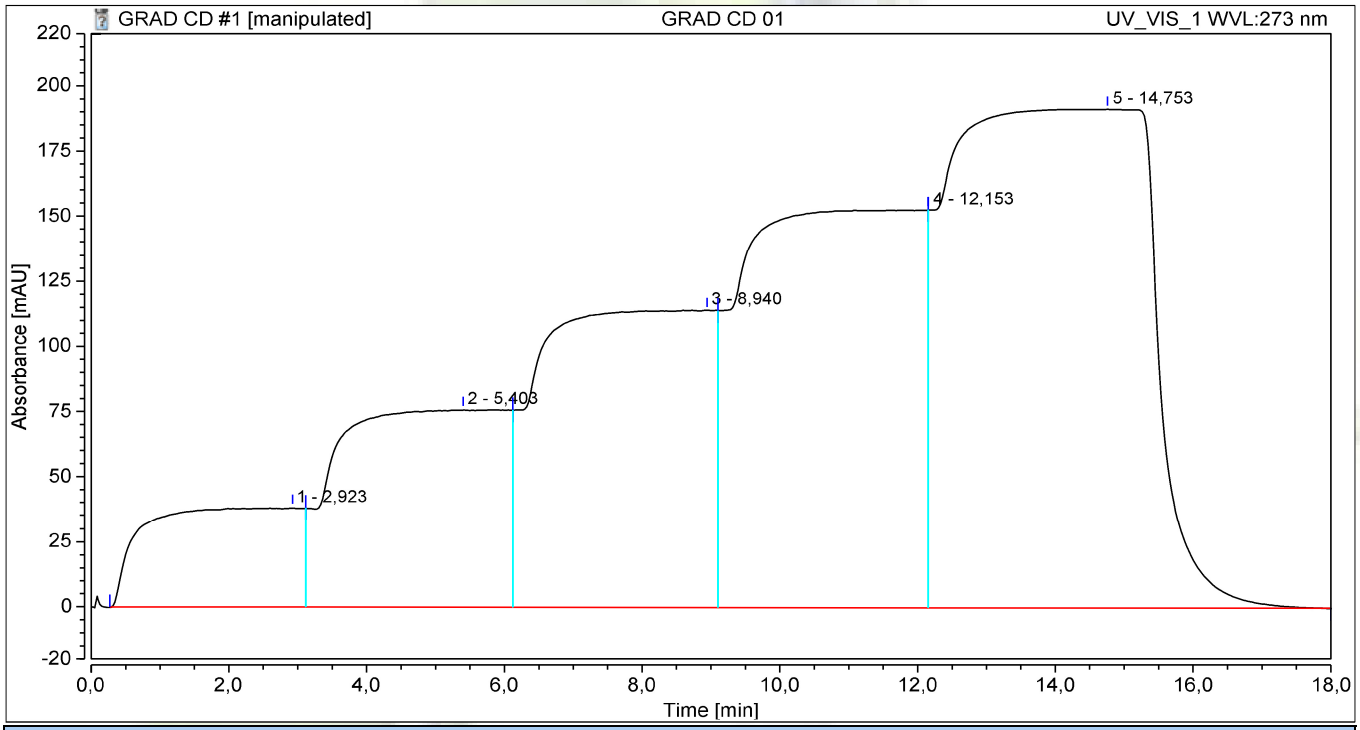
| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount n.a. |
|---|---|---|---|---|---|---|---|
| 1 | | 2,810 | 96,128 | 38,955 | 5,48 | 6,65 | n.a. |
| 2 | | 6,123 | 222,798 | 78,409 | 12,70 | 13,39 | n.a. |
| 3 | | 8,843 | 318,904 | 118,343 | 18,17 | 20,20 | n.a. |
| 4 | | 11,187 | 454,387 | 156,422 | 25,89 | 26,70 | n.a. |
| 5 | | 14,190 | 662,715 | 193,649 | 37,76 | 33,06 | n.a. |
| **Total:** | | | **1754,932** | **585,778** | **100,00** | **100,00** | |

# Chromatogram and Results

## Injection Details

| | | | |
|---|---|---|---|
| *Injection Name:* | **GRAD CD 01** | *Run Time (min):* | **18,00** |
| *Vial Number:* | **GA2** | *Injection Volume:* | **0,10** |
| *Injection Type:* | **Unknown** | *Channel:* | **UV_VIS_1** |
| *Calibration Level:* | | *Wavelength:* | **273,0** |
| *Instrument Method:* | **GRAD CD** | *Bandwidth:* | **1** |
| *Processing Method:* | **New Processing Method** | *Dilution Factor:* | **1,0000** |
| *Injection Date/Time:* | **01/fev/24 13:06** | *Sample Weight:* | **1,0000** |

## Chromatogram




## Integration Results

| No. | Peak Name | Retention Time min | Area mAU*min | Height mAU | Relative Area % | Relative Height % | Amount n.a. |
|---|---|---|---|---|---|---|---|
| 1 | | 2,923 | 96,208 | 38,362 | 5,60 | 6,69 | n.a. |
| 2 | | 5,403 | 210,018 | 76,078 | 12,22 | 13,27 | n.a. |
| 3 | | 8,940 | 321,669 | 114,214 | 18,72 | 19,92 | n.a. |
| 4 | | 12,153 | 447,815 | 152,957 | 26,06 | 26,68 | n.a. |
| 5 | | 14,753 | 642,896 | 191,649 | 37,41 | 33,43 | n.a. |
| **Total:** | | | **1718,606** | **573,260** | **100,00** | **100,00** | |