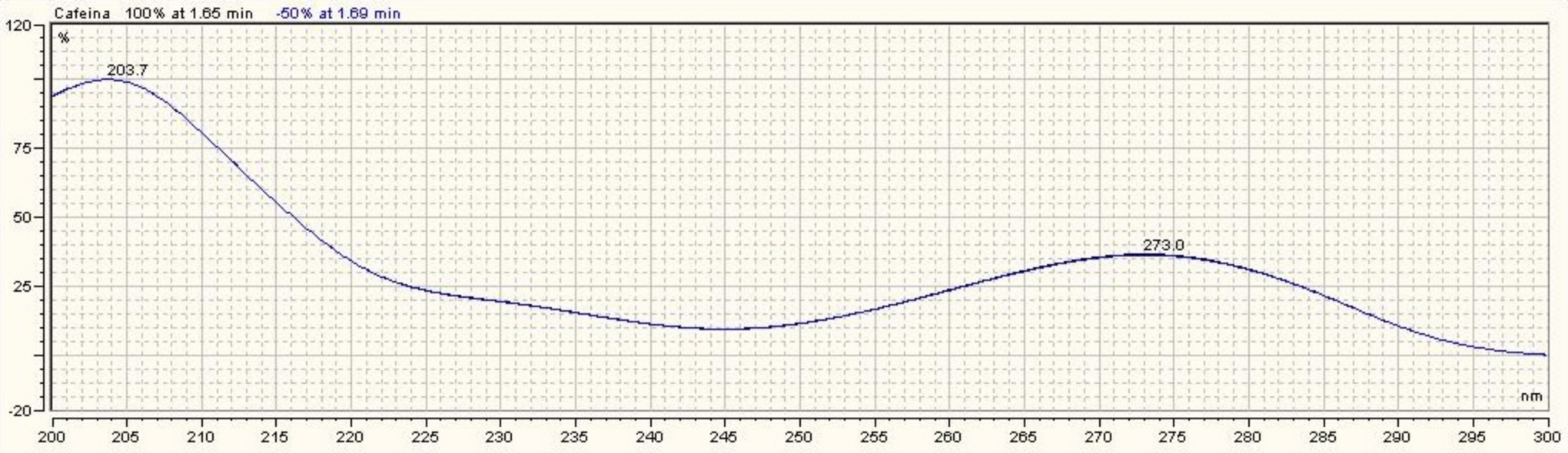
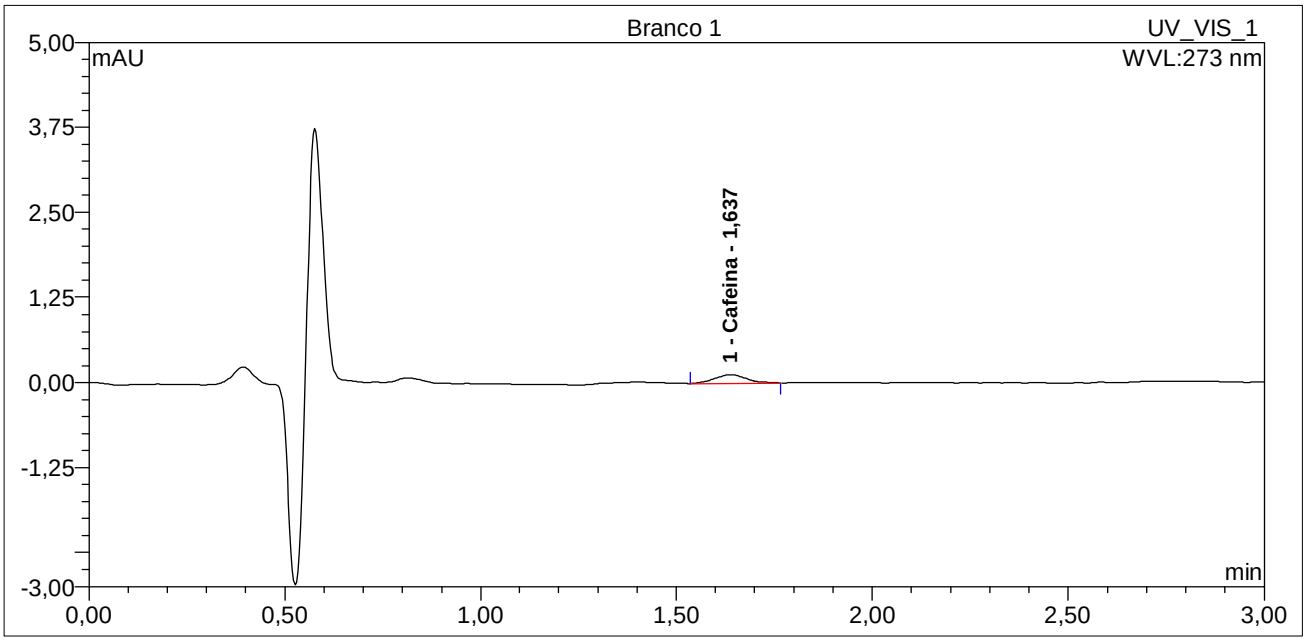

Cafeina 100% at 1.65 min -50% at 1.69 min
%
203.7
273.0
nm
120
75
50
25
-20
200
205
210
215
220
225
230
235
240
245
250
255
260
265
270
275
280
285
290
295
300

KinMaster

| | | | |
|---|---|---|---|
| ***Sample Name:*** | **Branco 1** | ***Injection Volume:*** | **10,0** |
| ***Vial Number:*** | **RA1** | ***Channel:*** | **UV_VIS_1** |
| ***Sample Type:*** | **unknown** | ***Wavelength:*** | **273.0** |
| ***Control Program:*** | **Qualificação** | ***Bandwidth:*** | **1** |
| ***Quantif. Method:*** | **Cafeina** | ***Dilution Factor:*** | **1,0000** |
| ***Recording Time:*** | **17/11/2020 15:32** | ***Sample Weight:*** | **1,0000** |
| ***Run Time (min):*** | **3,00** | ***Sample Amount:*** | **1,0000** |

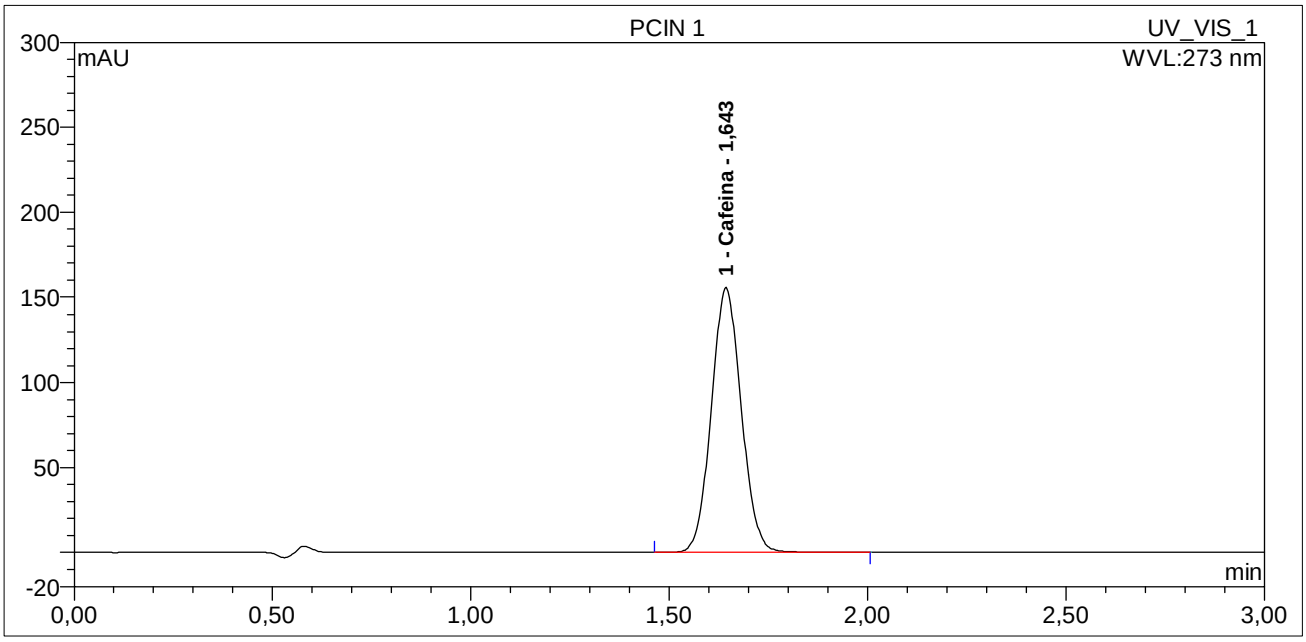



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 1 | 1,64 | Cafeina | 0,012 |

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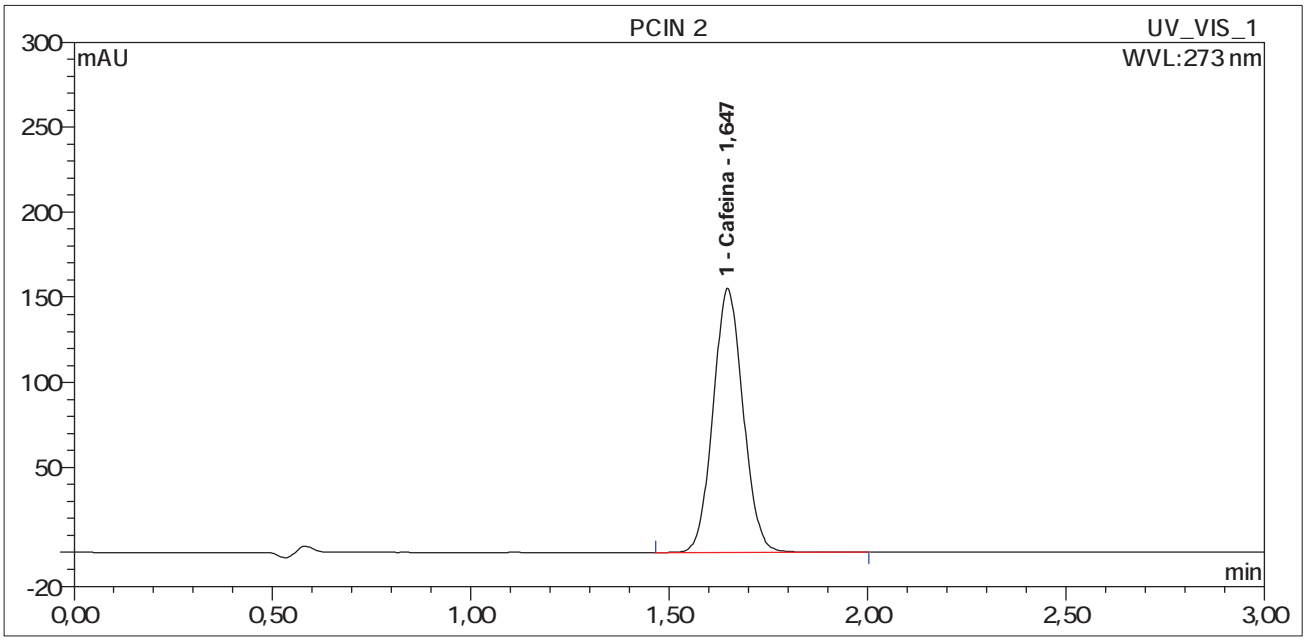
| | | | |
|---|---|---|---|
| ***Sample Name:*** | **PCIN 1** | ***Injection Volume:*** | **10,0** |
| ***Vial Number:*** | **RA2** | ***Channel:*** | **UV_VIS_1** |
| ***Sample Type:*** | **unknown** | ***Wavelength:*** | **273.0** |
| ***Control Program:*** | **Qualificação** | ***Bandwidth:*** | **1** |
| ***Quantif. Method:*** | **Cafeina** | ***Dilution Factor:*** | **1,0000** |
| ***Recording Time:*** | **17/11/2020 15:36** | ***Sample Weight:*** | **1,0000** |
| ***Run Time (min):*** | **3,00** | ***Sample Amount:*** | **1,0000** |




| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 1 | 1,64 | Cafeina | 13,675 |

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| | | | |
|---|---|---|---|
| *Sample Name:* | **PCIN 2** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA2** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 15:40** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |

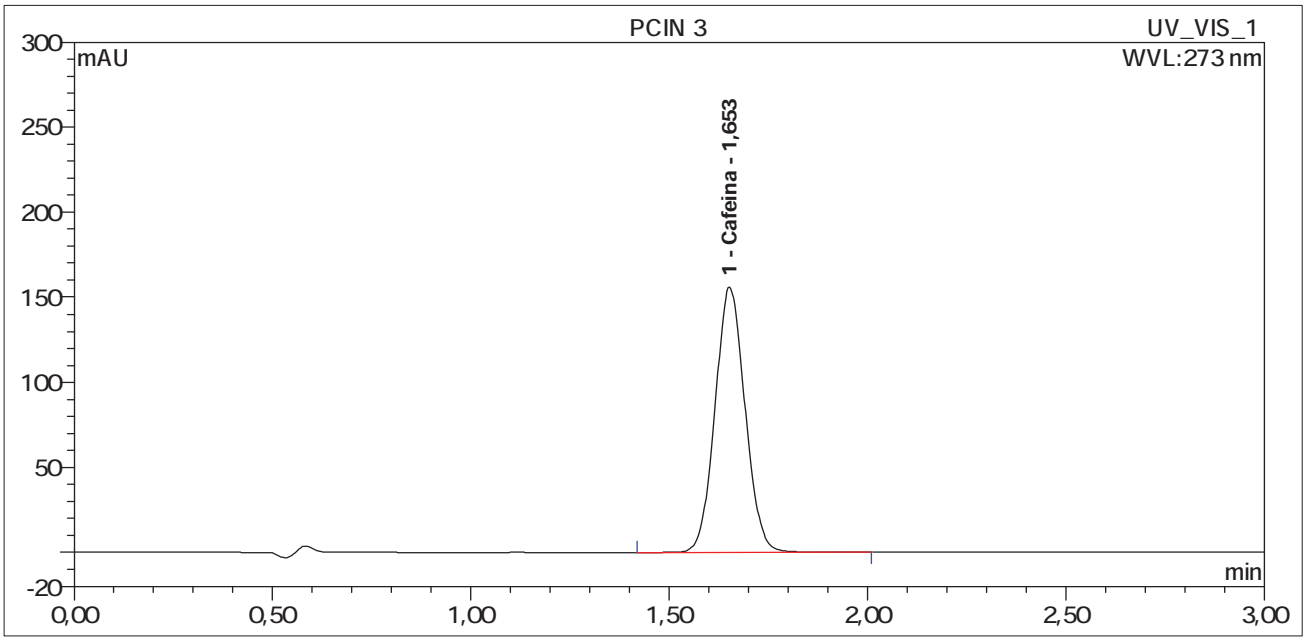



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 1 | 1,65 | Cafeina | 13,665 |

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| | | | |
|---|---|---|---|
| *Sample Name:* | **PCIN 3** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA2** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 15:44** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |

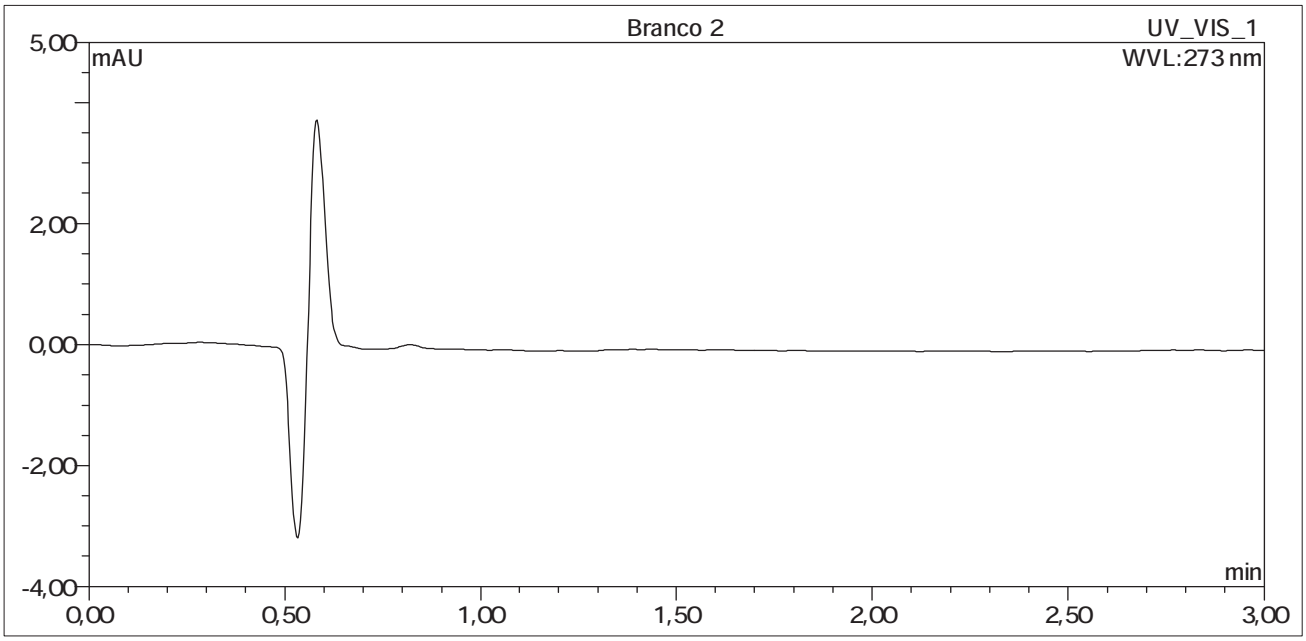



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 1 | 1,65 | Cafeina | 13,725 |

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| | | | |
|---|---|---|---|
| *Sample Name:* | **Branco 2** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA1** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 15:48** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |

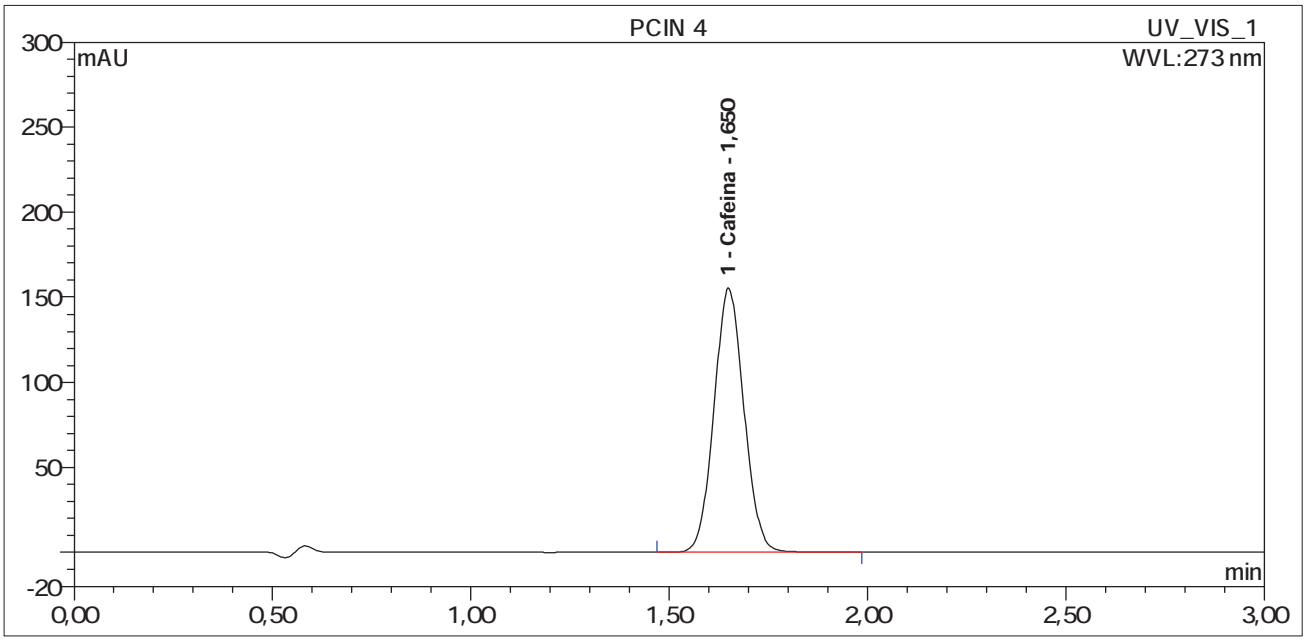



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|

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| | | | |
|---|---|---|---|
| *Sample Name:* | **PCIN 4** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA2** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 15:52** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |

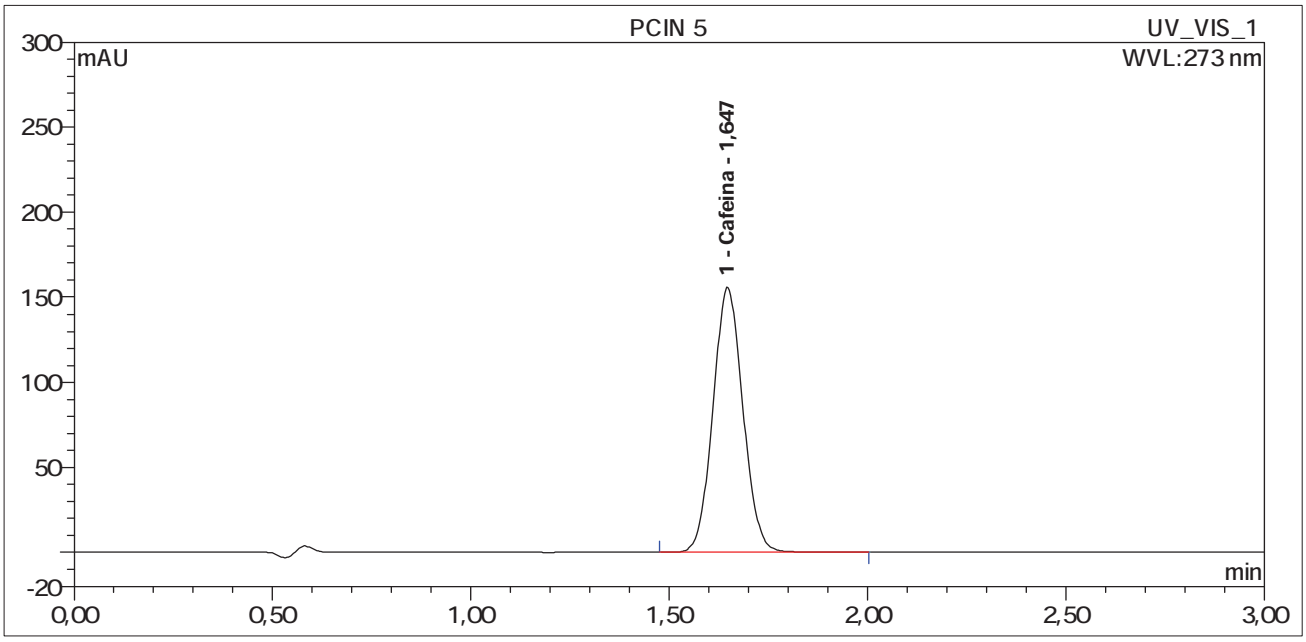



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 1 | 1,65 | Cafeina | 13,656 |

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| | | | |
|---|---|---|---|
| *Sample Name:* | **PCIN 5** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA2** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 15:56** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |

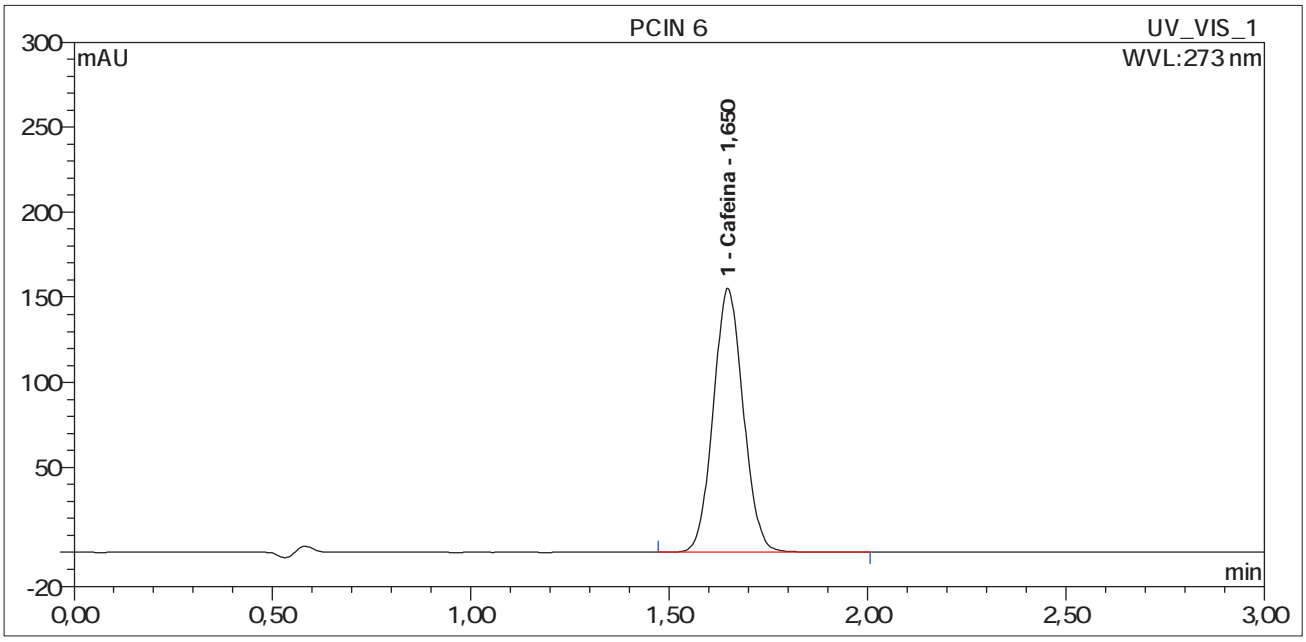



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 1 | 1,65 | Cafeina | 13,692 |

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| | | | |
|---|---|---|---|
| *Sample Name:* | **PCIN 6** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA2** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 16:00** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |

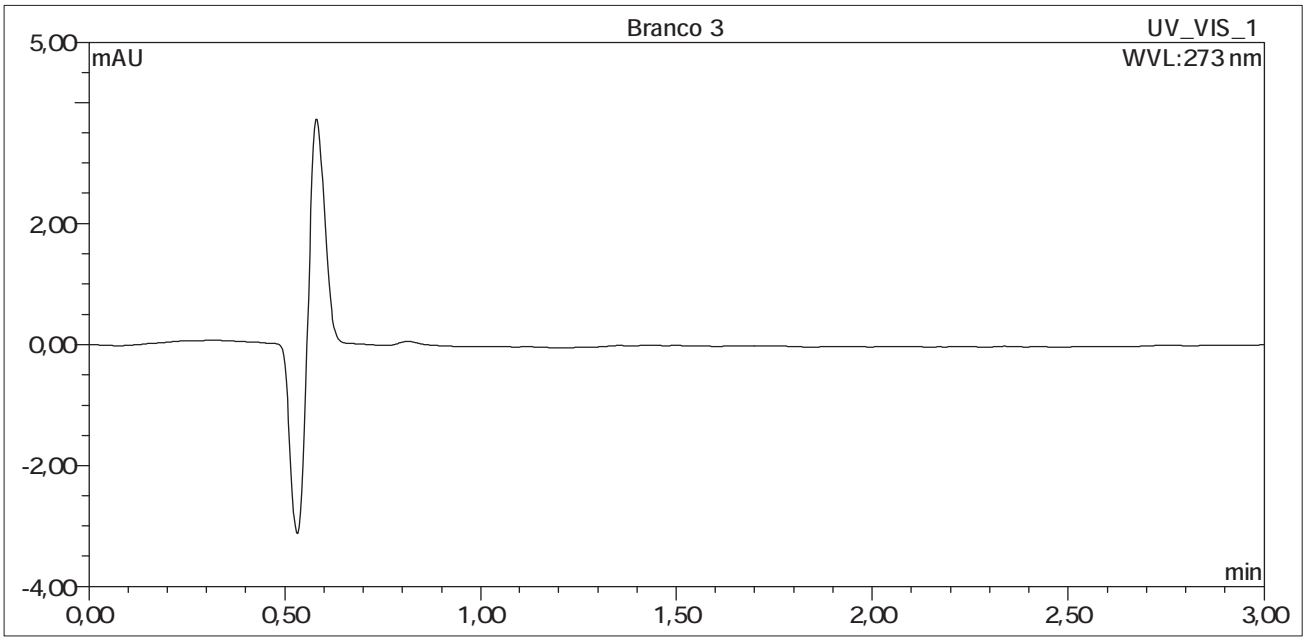



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 1 | 1,65 | Cafeina | 13,674 |

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| | | | |
|---|---|---|---|
| *Sample Name:* | **Branco 3** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA1** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 16:04** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |

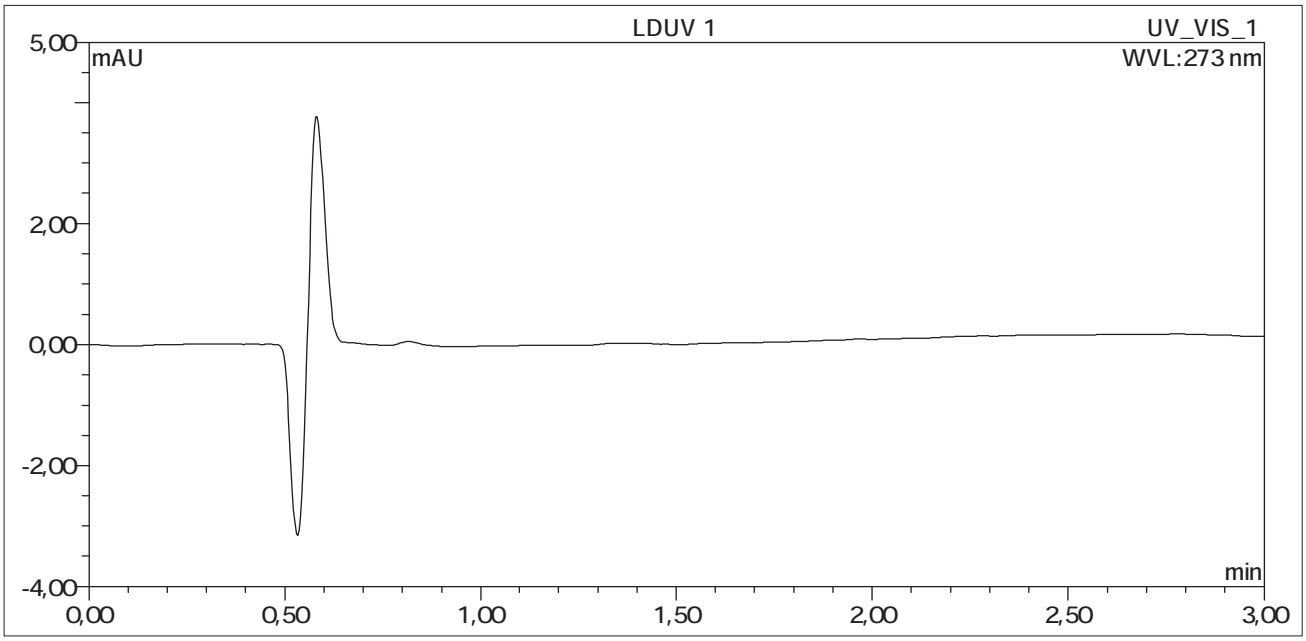



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|

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| | | | |
|---|---|---|---|
| *Sample Name:* | **LDUV 1** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA1** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 16:11** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |

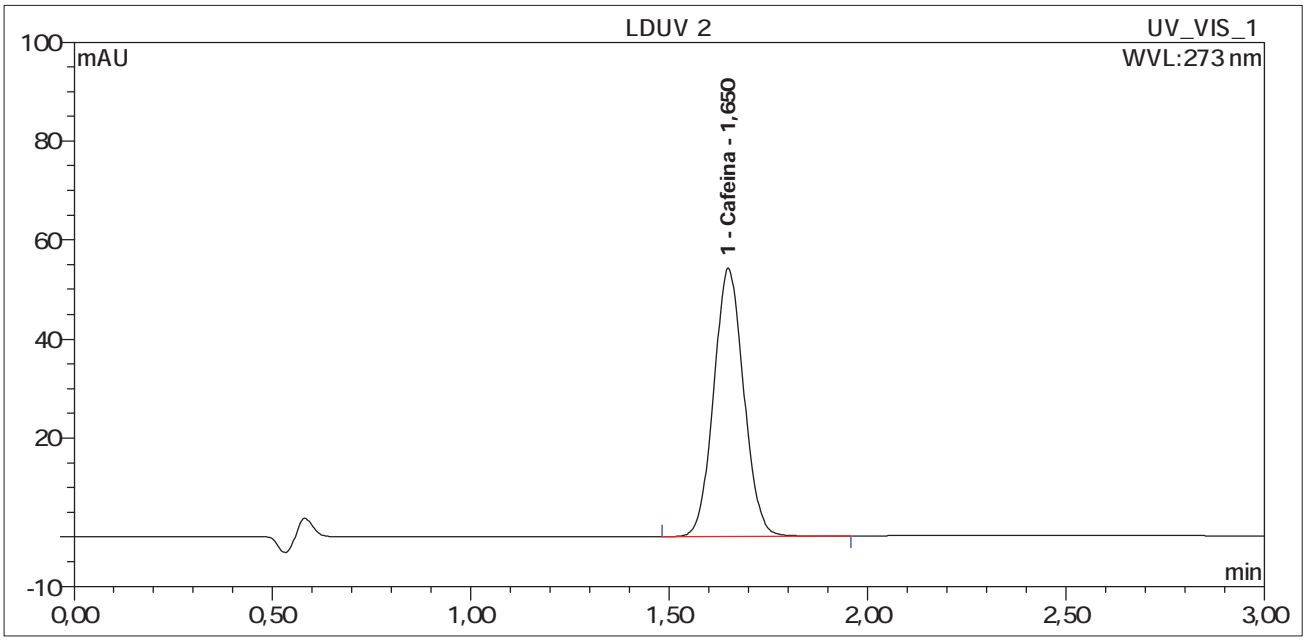



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|

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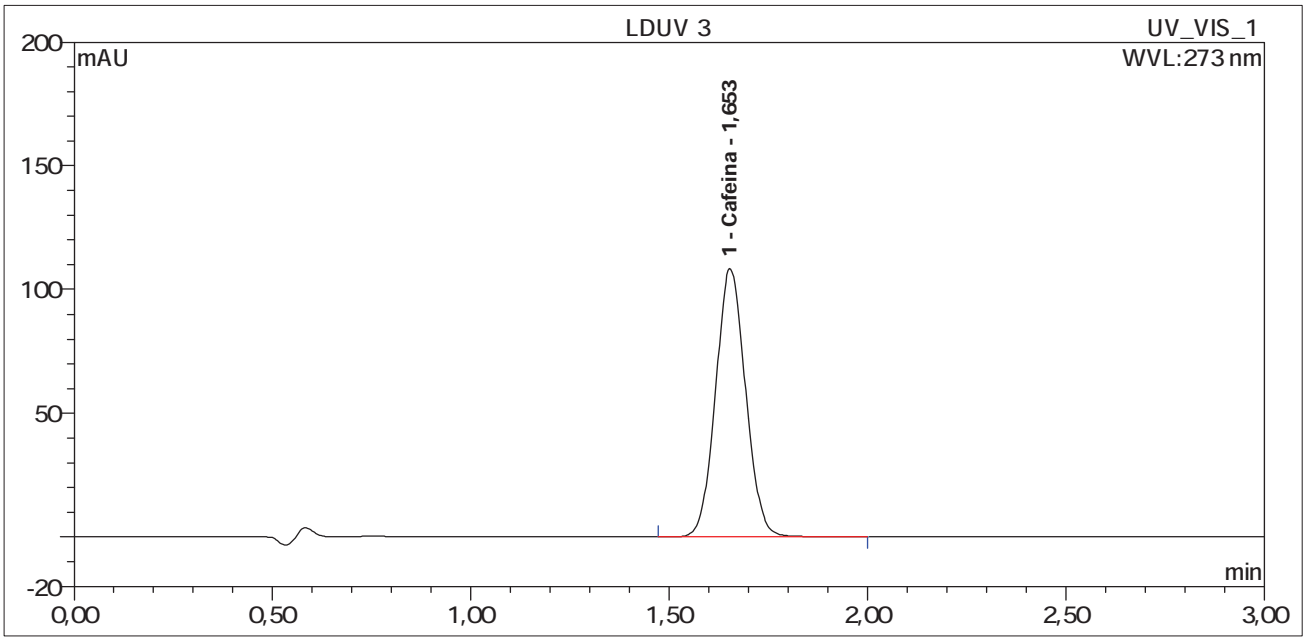
| | | | |
|---|---|---|---|
| *Sample Name:* | **LDUV 2** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA2** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 16:15** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |




| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 1 | 1,65 | Cafeina | 4,770 |

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| | | | |
|---|---|---|---|
| *Sample Name:* | **LDUV 3** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA3** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 16:19** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |

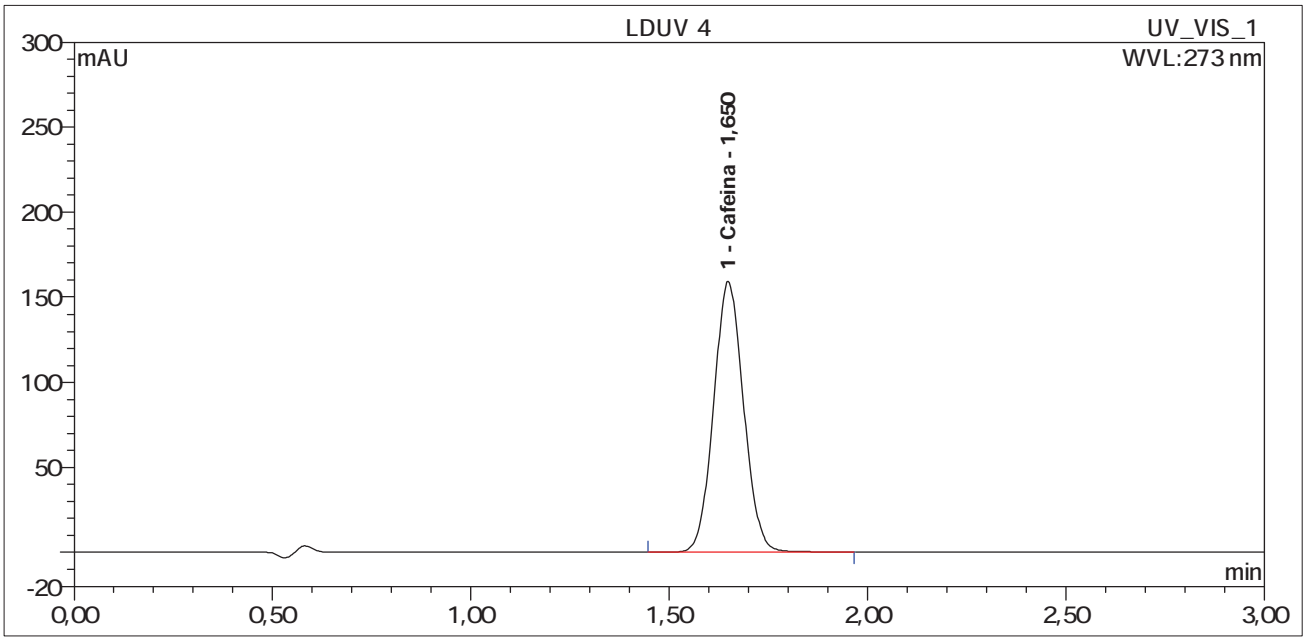



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 1 | 1,65 | Cafeina | 9,544 |

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| | | | |
|---|---|---|---|
| *Sample Name:* | **LDUV 4** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA4** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 16:23** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |

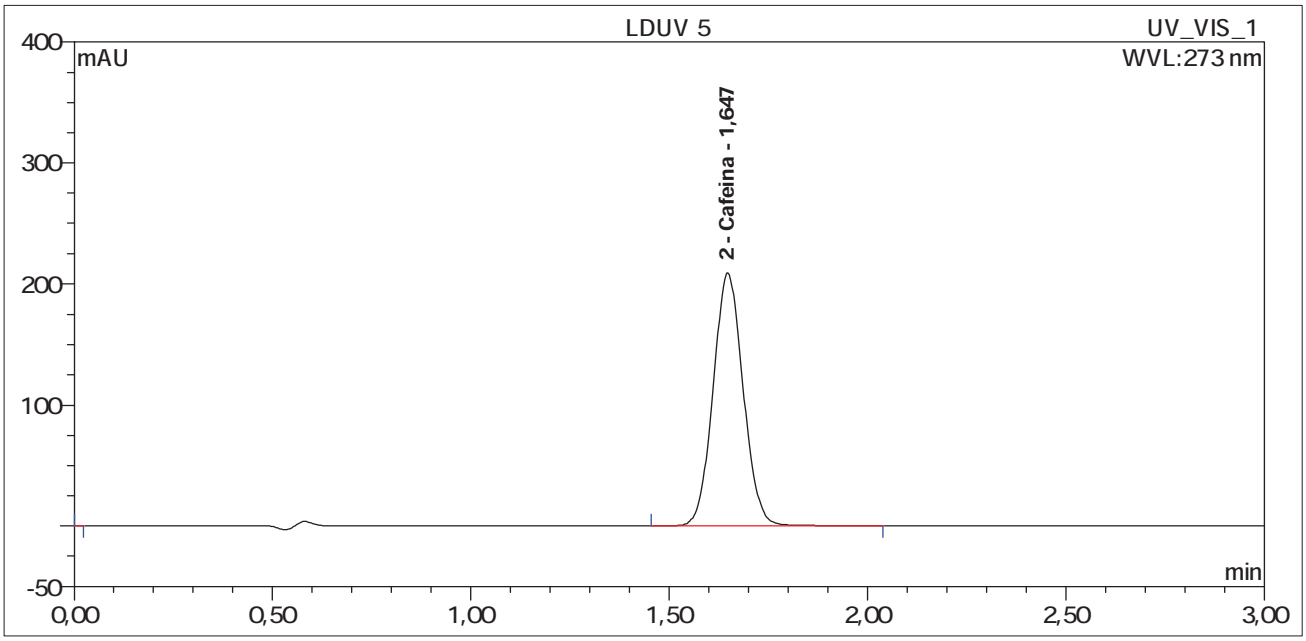



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 1 | 1,65 | Cafeina | 13,976 |

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| | | | |
|---|---|---|---|
| *Sample Name:* | **LDUV 5** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA5** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 16:27** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |

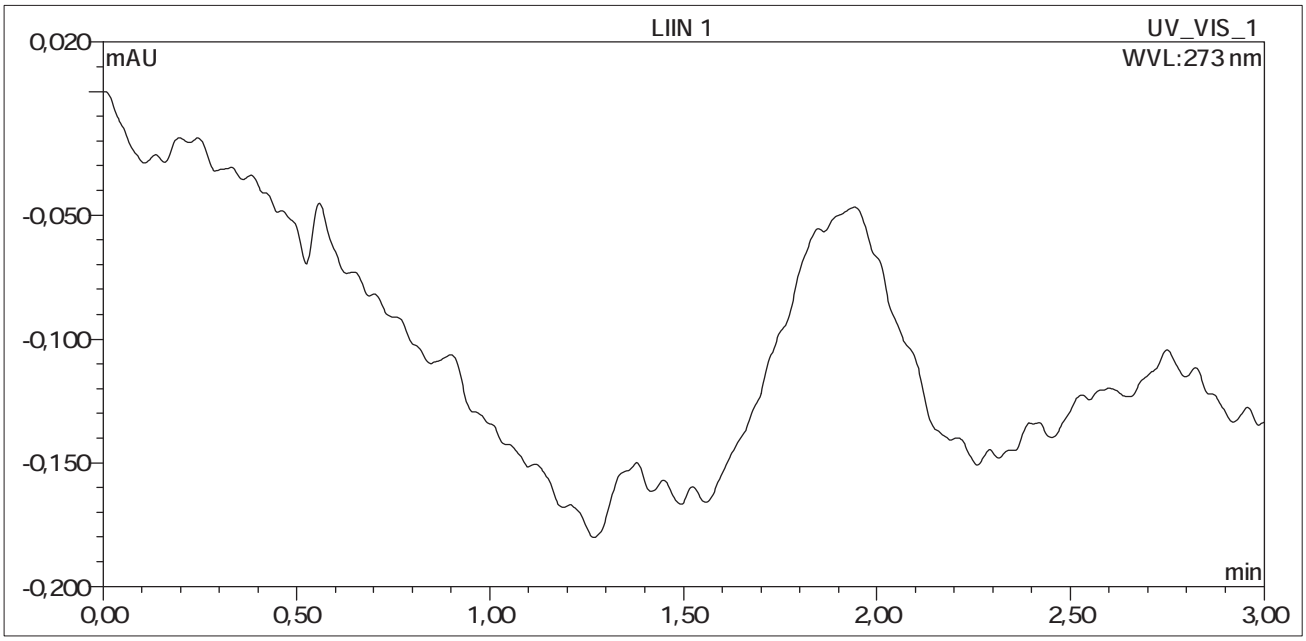



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 2 | 1,65 | Cafeina | 18,390 |

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| | | | |
|---|---|---|---|
| *Sample Name:* | **LIIN 1** | *Injection Volume:* | **0,0** |
| *Vial Number:* | **RA1** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 16:33** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |

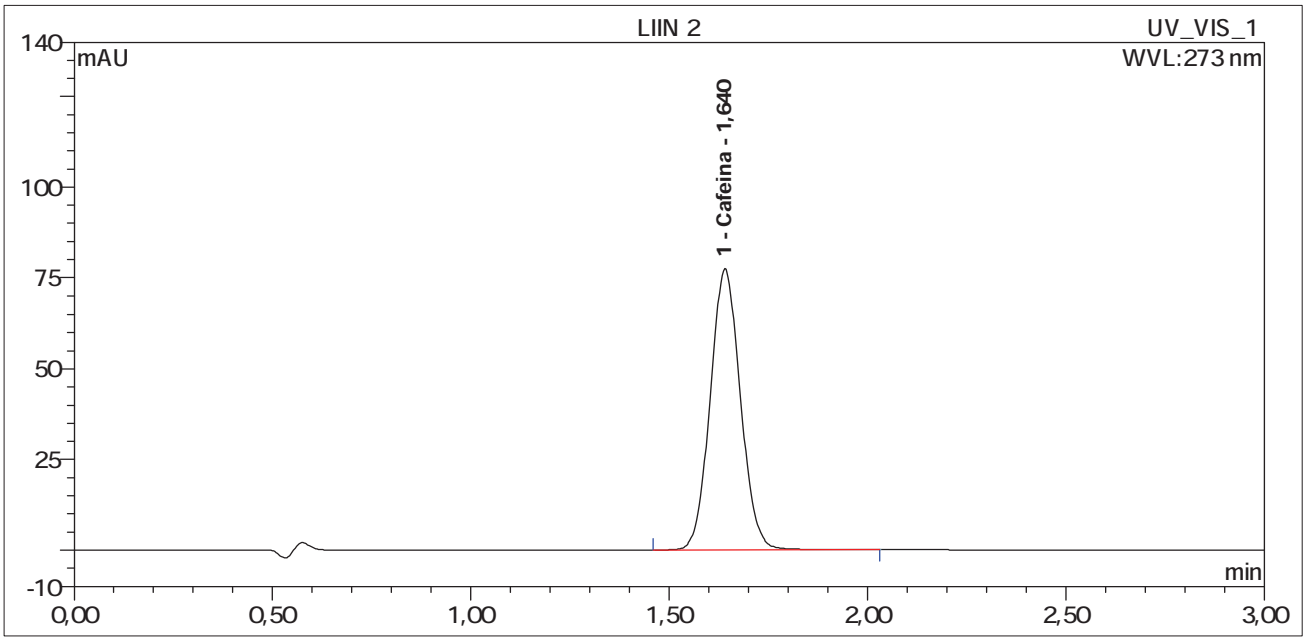



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|

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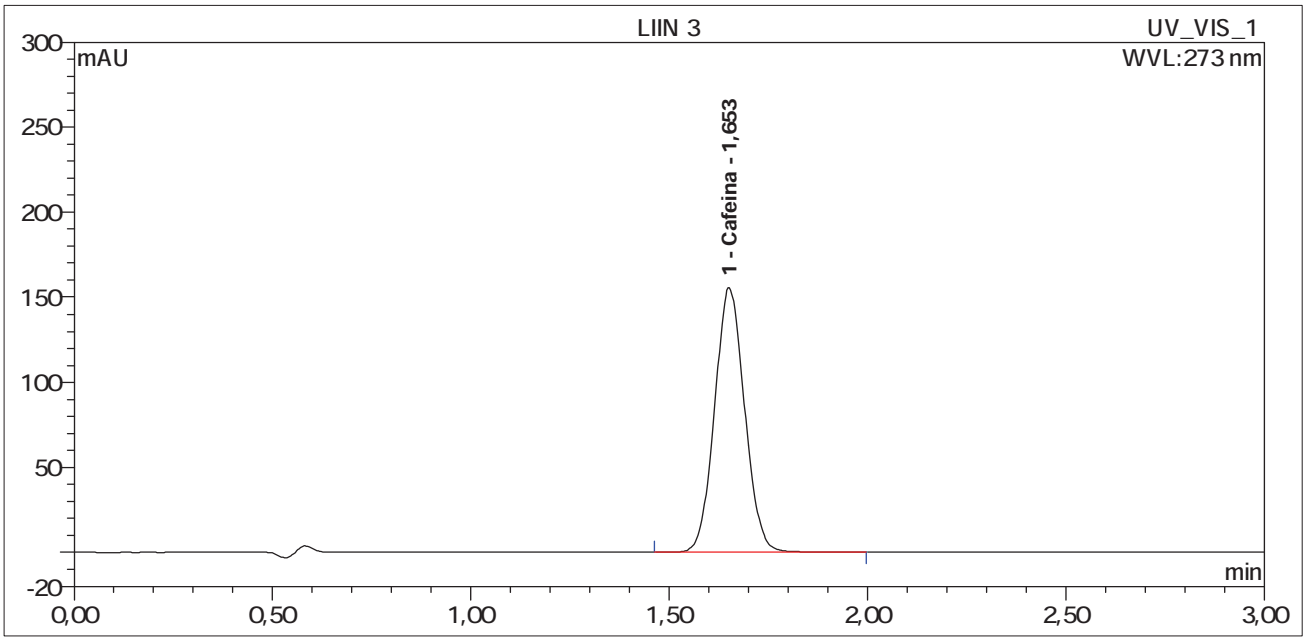
| | | | |
|---|---|---|---|
| *Sample Name:* | **LIIN 2** | *Injection Volume:* | **5,0** |
| *Vial Number:* | **RA1** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 16:37** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |




| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 1 | 1,64 | Cafeina | 6,866 |

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| | | | |
|---|---|---|---|
| *Sample Name:* | **LIIN 3** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA1** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 16:41** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |

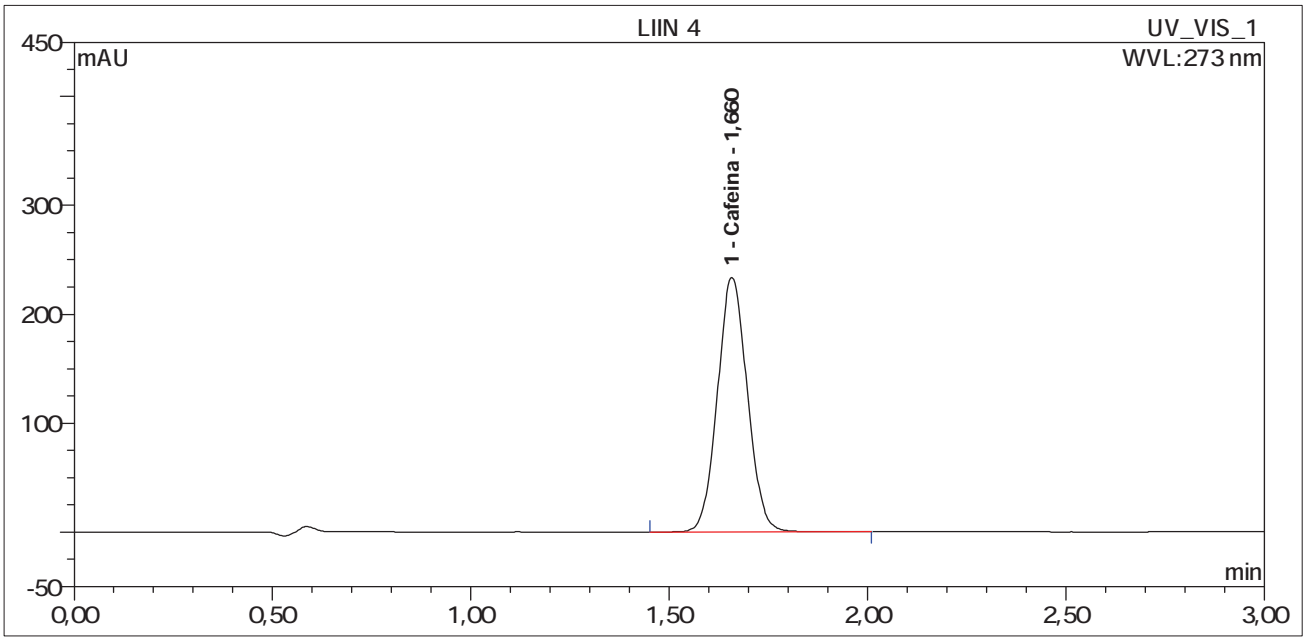



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 1 | 1,65 | Cafeina | 13,703 |

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| | | | |
|---|---|---|---|
| *Sample Name:* | **LIIN 4** | *Injection Volume:* | **15,0** |
| *Vial Number:* | **RA1** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 16:45** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |

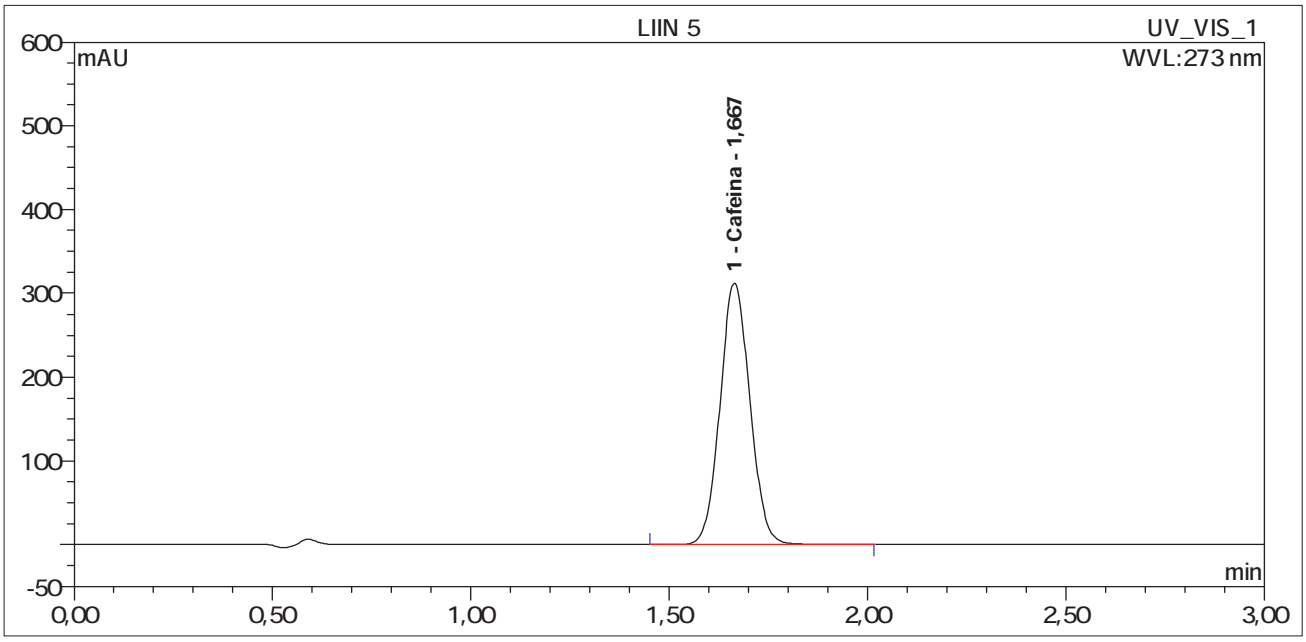



| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 1 | 1,66 | Cafeina | 20,494 |

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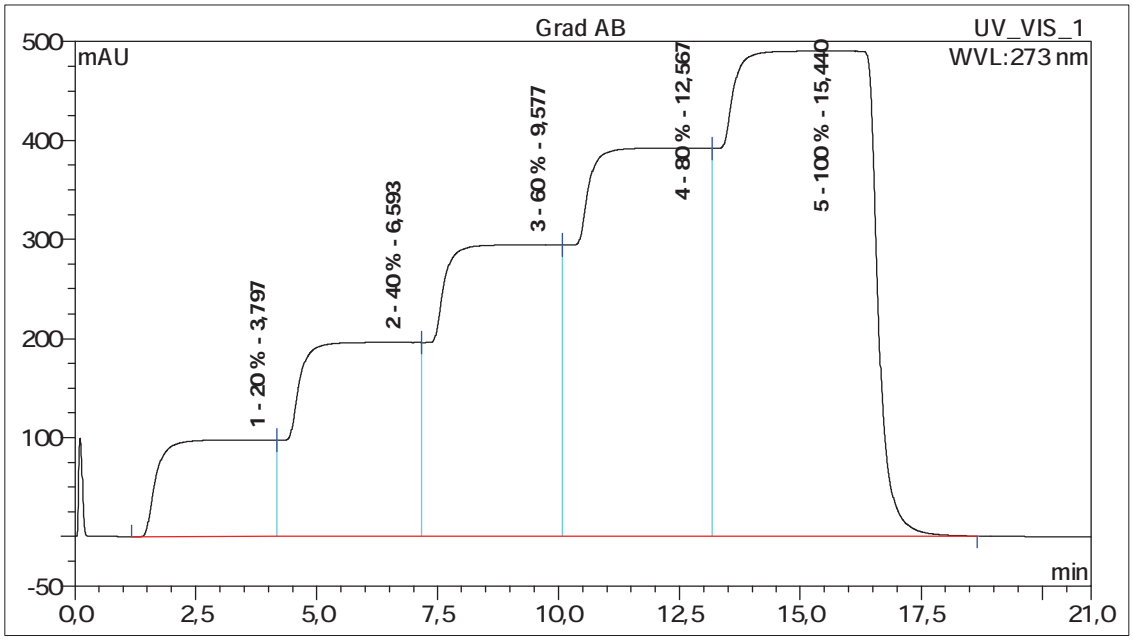
| | | | |
|---|---|---|---|
| *Sample Name:* | **LIIN 5** | *Injection Volume:* | **20,0** |
| *Vial Number:* | **RA1** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273,0** |
| *Control Program:* | **Qualificação** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **17/11/2020 16:49** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **3,00** | *Sample Amount:* | **1,0000** |




| No. | Ret.Time min | Peak Name | Area mAU*min |
|---|---|---|---|
| 1 | 1,67 | Cafeina | 27,313 |

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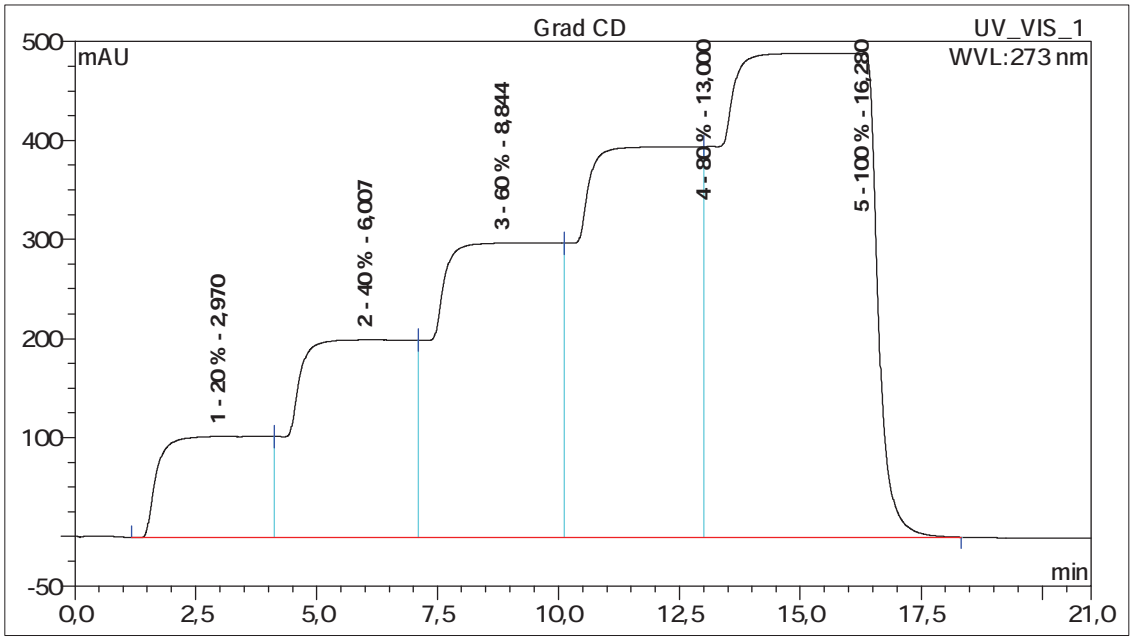
| | | | |
|---|---|---|---|
| *Sample Name:* | **Grad AB** | *Injection Volume:* | **0,0** |
| *Vial Number:* | **RA1** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Grad AB** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **18/11/2020 8:41** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **21,00** | *Sample Amount:* | **1,0000** |




| No. | Ret.Time min | Peak Name | Height mAU |
|---|---|---|---|
| 1 | 3,80 | 20 % | 97,737 |
| 2 | 6,59 | 40 % | 196,302 |
| 3 | 9,58 | 60 % | 294,312 |
| 4 | 12,57 | 80 % | 392,011 |
| 5 | 15,44 | 100 % | 490,117 |

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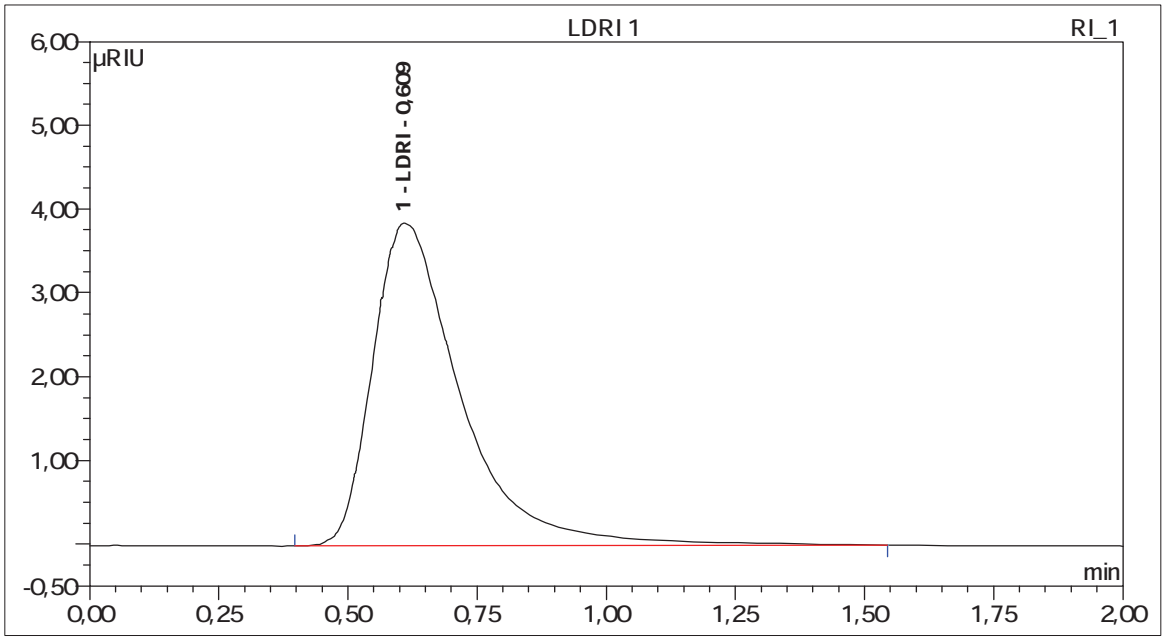
| | | | |
|---|---|---|---|
| *Sample Name:* | **Grad CD** | *Injection Volume:* | **0,0** |
| *Vial Number:* | **RA1** | *Channel:* | **UV_VIS_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **273.0** |
| *Control Program:* | **Grad CD** | *Bandwidth:* | **1** |
| *Quantif. Method:* | **Cafeina** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **18/11/2020 9:11** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **21,00** | *Sample Amount:* | **1,0000** |




| No. | Ret.Time min | Peak Name | Height mAU |
|---|---|---|---|
| 1 | 2,97 | 20 % | 102,174 |
| 2 | 6,01 | 40 % | 199,835 |
| 3 | 8,84 | 60 % | 297,198 |
| 4 | 13,00 | 80 % | 394,658 |
| 5 | 16,28 | 100 % | 488,939 |

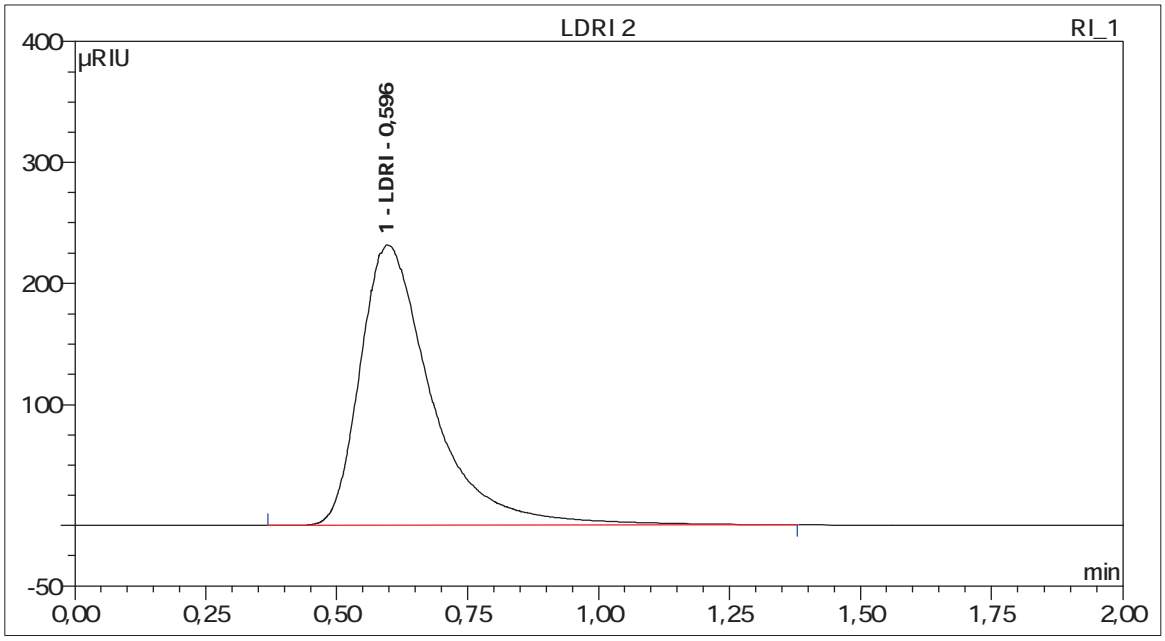
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| | | | |
|---|---|---|---|
| *Sample Name:* | **LDRI 1** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA1** | *Channel:* | **RI_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **n.a.** |
| *Control Program:* | **Qualificação RI** | *Bandwidth:* | **n.a.** |
| *Quantif. Method:* | **LDRI** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **18/11/2020 10:49** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **2,00** | *Sample Amount:* | **1,0000** |




| No. | Ret.Time min | Peak Name | Area µRIU*min |
|---|---|---|---|
| 1 | 0,61 | LDRI | 0,765 |

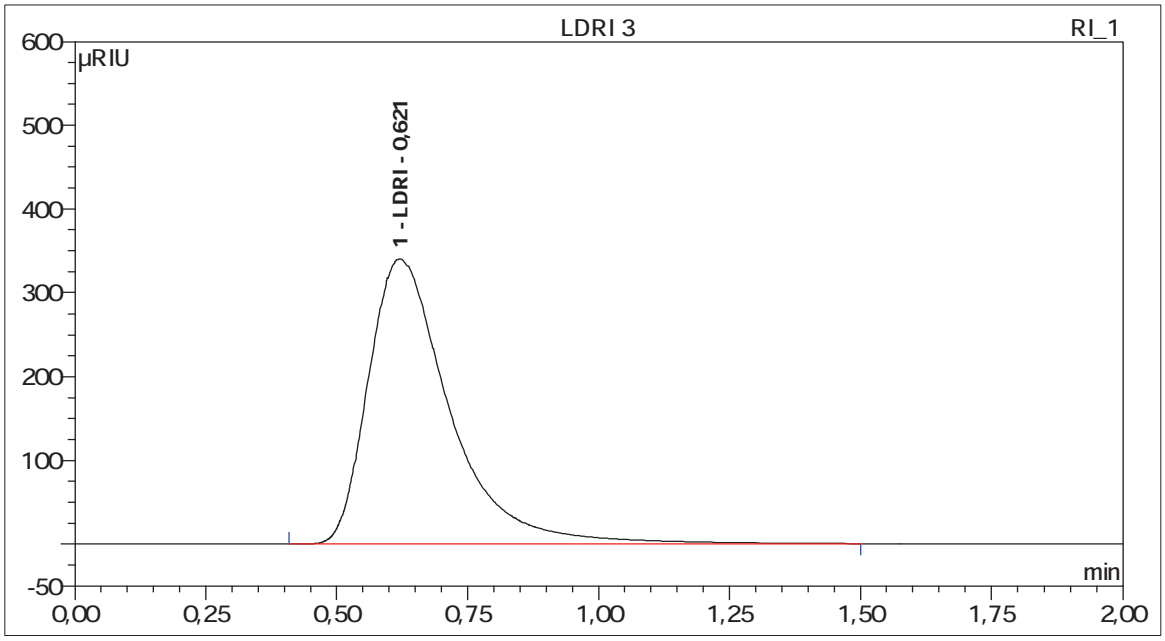
| | | | |
|---|---|---|---|
| *Sample Name:* | **LDRI 2** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA2** | *Channel:* | **RI_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **n.a.** |
| *Control Program:* | **Qualificação RI** | *Bandwidth:* | **n.a.** |
| *Quantif. Method:* | **LDRI** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **18/11/2020 10:52** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **2,00** | *Sample Amount:* | **1,0000** |




| No. | Ret.Time min | Peak Name | Area µRIU*min |
|---|---|---|---|
| 1 | 0,60 | LDRI | 39,843 |

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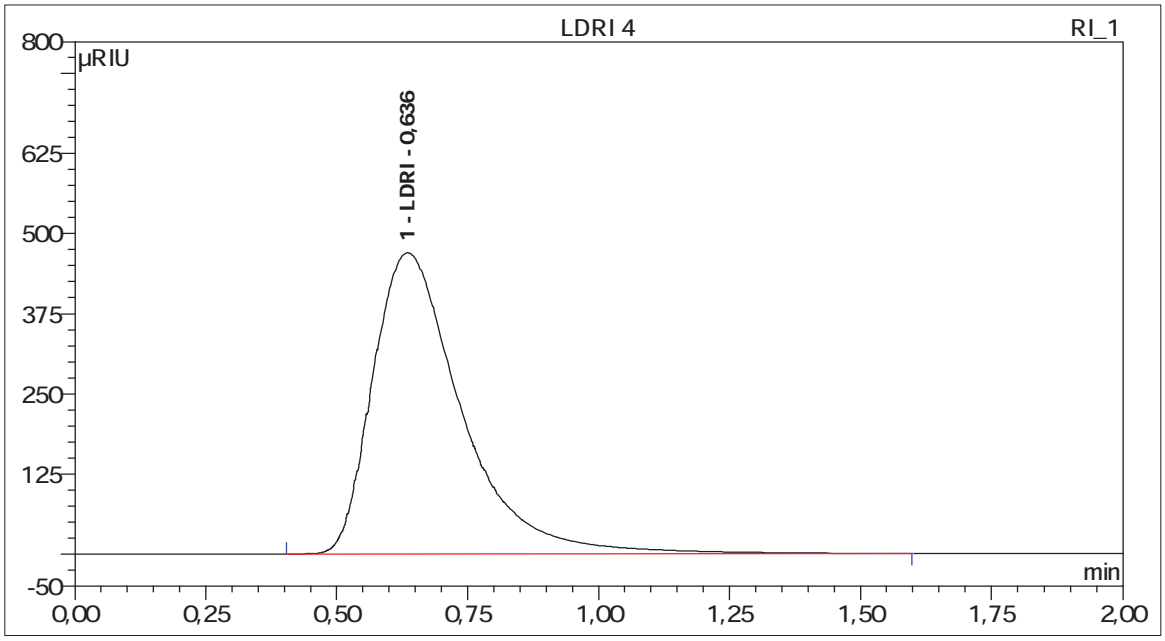
| | | | |
|---|---|---|---|
| *Sample Name:* | **LDRI 3** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA3** | *Channel:* | **RI_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **n.a.** |
| *Control Program:* | **Qualificação RI** | *Bandwidth:* | **n.a.** |
| *Quantif. Method:* | **LDRI** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **18/11/2020 10:55** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **2,00** | *Sample Amount:* | **1,0000** |




| No. | Ret.Time min | Peak Name | Area µRIU*min |
|---|---|---|---|
| 1 | 0,62 | LDRI | 62,556 |

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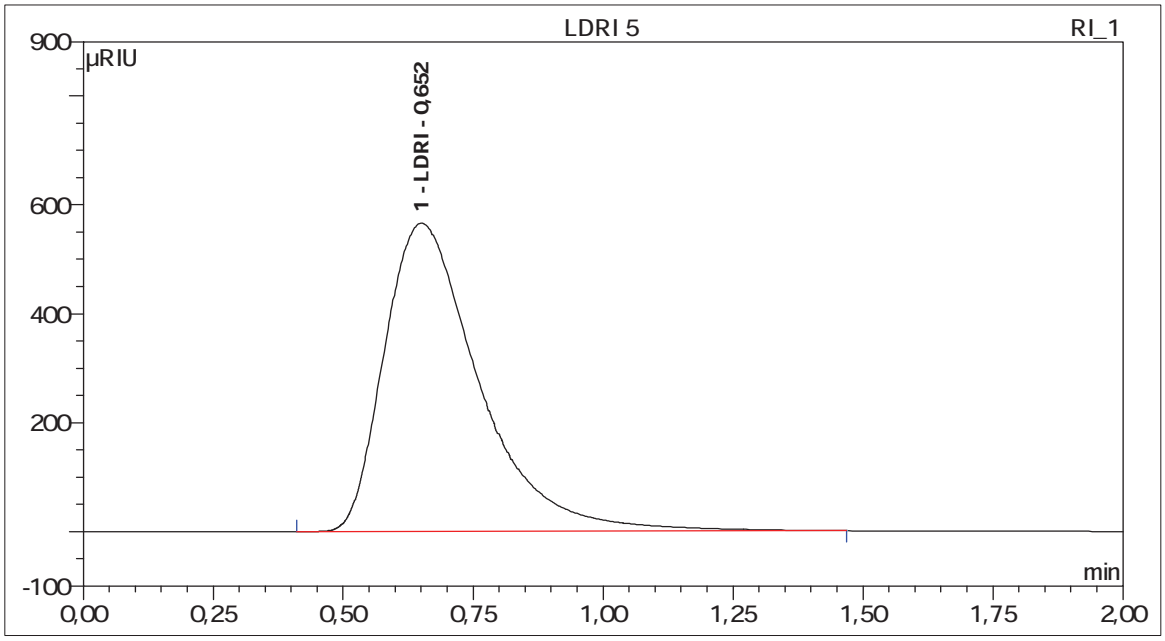
| | | | |
|---|---|---|---|
| *Sample Name:* | **LDRI 4** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA4** | *Channel:* | **RI_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **n.a.** |
| *Control Program:* | **Qualificação RI** | *Bandwidth:* | **n.a.** |
| *Quantif. Method:* | **LDRI** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **18/11/2020 10:58** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **2,00** | *Sample Amount:* | **1,0000** |




| No. | Ret.Time min | Peak Name | Area µRIU*min |
|---|---|---|---|
| 1 | 0,64 | LDRI | 102,788 |

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| | | | |
|---|---|---|---|
| *Sample Name:* | **LDRI 5** | *Injection Volume:* | **10,0** |
| *Vial Number:* | **RA5** | *Channel:* | **RI_1** |
| *Sample Type:* | **unknown** | *Wavelength:* | **n.a.** |
| *Control Program:* | **Qualificação RI** | *Bandwidth:* | **n.a.** |
| *Quantif. Method:* | **LDRI** | *Dilution Factor:* | **1,0000** |
| *Recording Time:* | **18/11/2020 11:02** | *Sample Weight:* | **1,0000** |
| *Run Time (min):* | **2,00** | *Sample Amount:* | **1,0000** |




| No. | Ret.Time min | Peak Name | Area µRIU*min |
|---|---|---|---|
| 1 | 0,65 | LDRI | 204,914 |

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