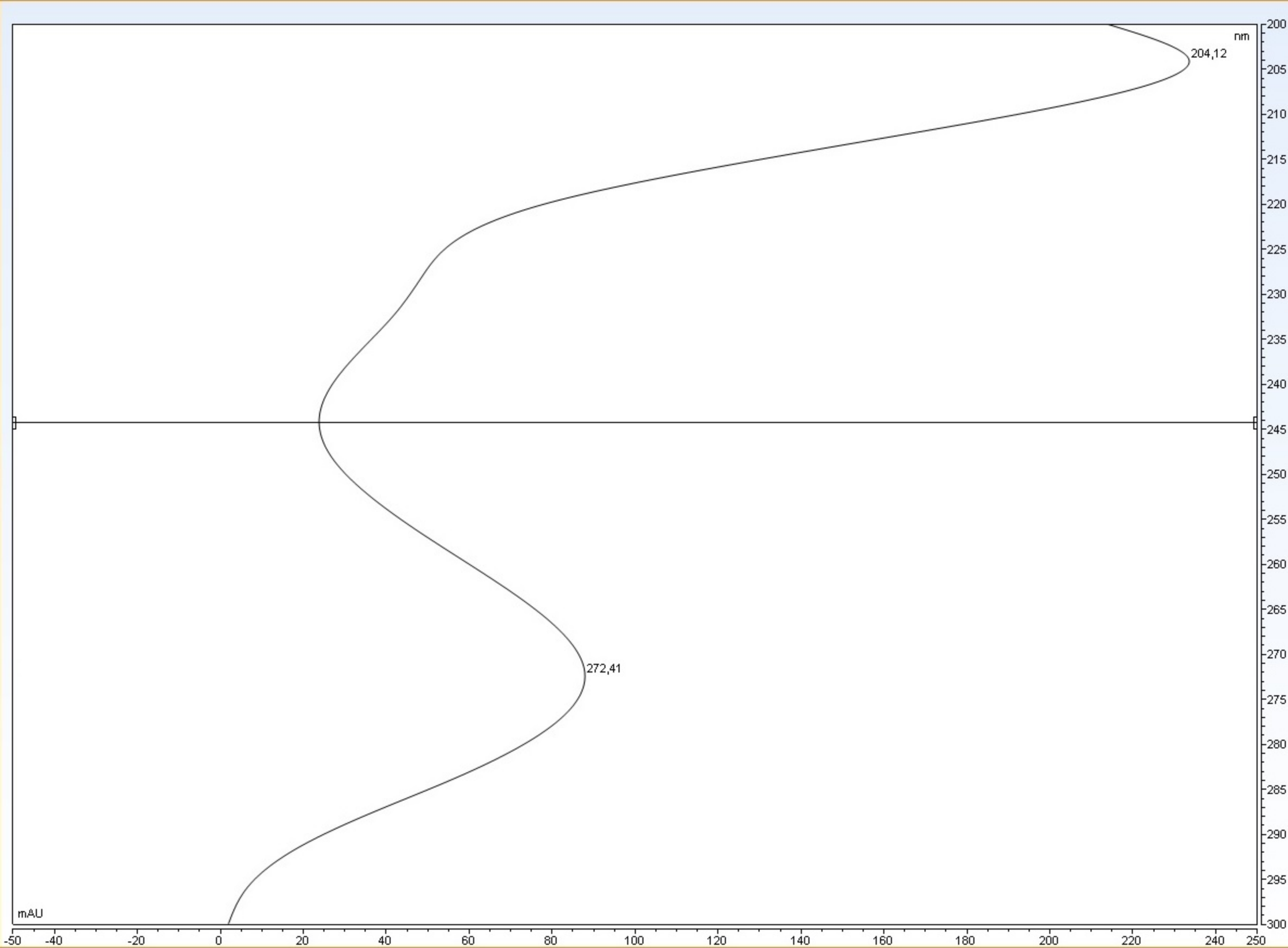
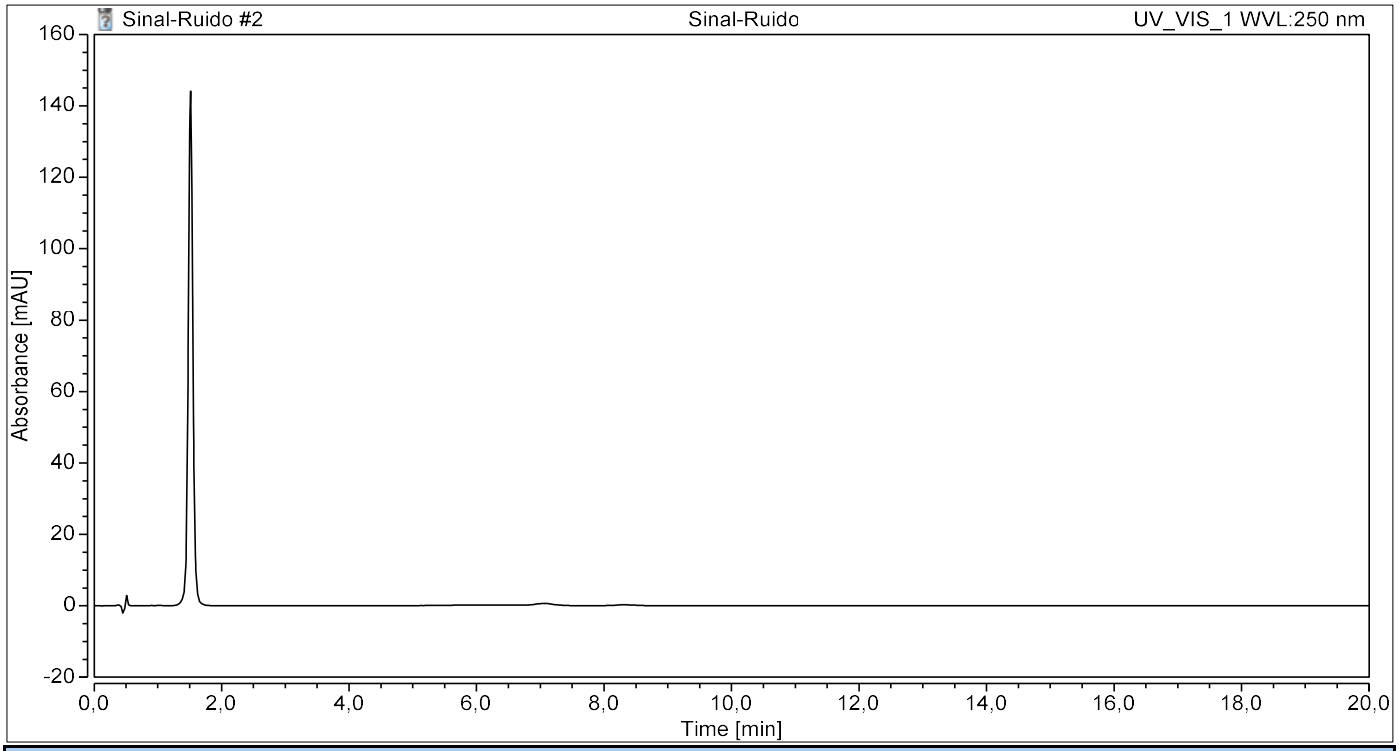

nm
204,12
272,41
mAU
200
205
210
215
220
225
230
235
240
245
250
255
260
265
270
275
280
285
290
295
300
-50
-40
-20
0
20
40
60
80
100
120
140
160
180
200
220
240
250

Chromatogram and Results

Injection Details

Injection Name:	**Sinal-Ruido**	*Run Time (min):*	**20,00**
Vial Number:	**R:A1**	*Injection Volume:*	**20,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**250**
Instrument Method:	**Sinal-Ruido**	*Bandwidth:*	**3**
Processing Method:		*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 13:43**	*Sample Weight:*	**1,0000**

Chromatogram

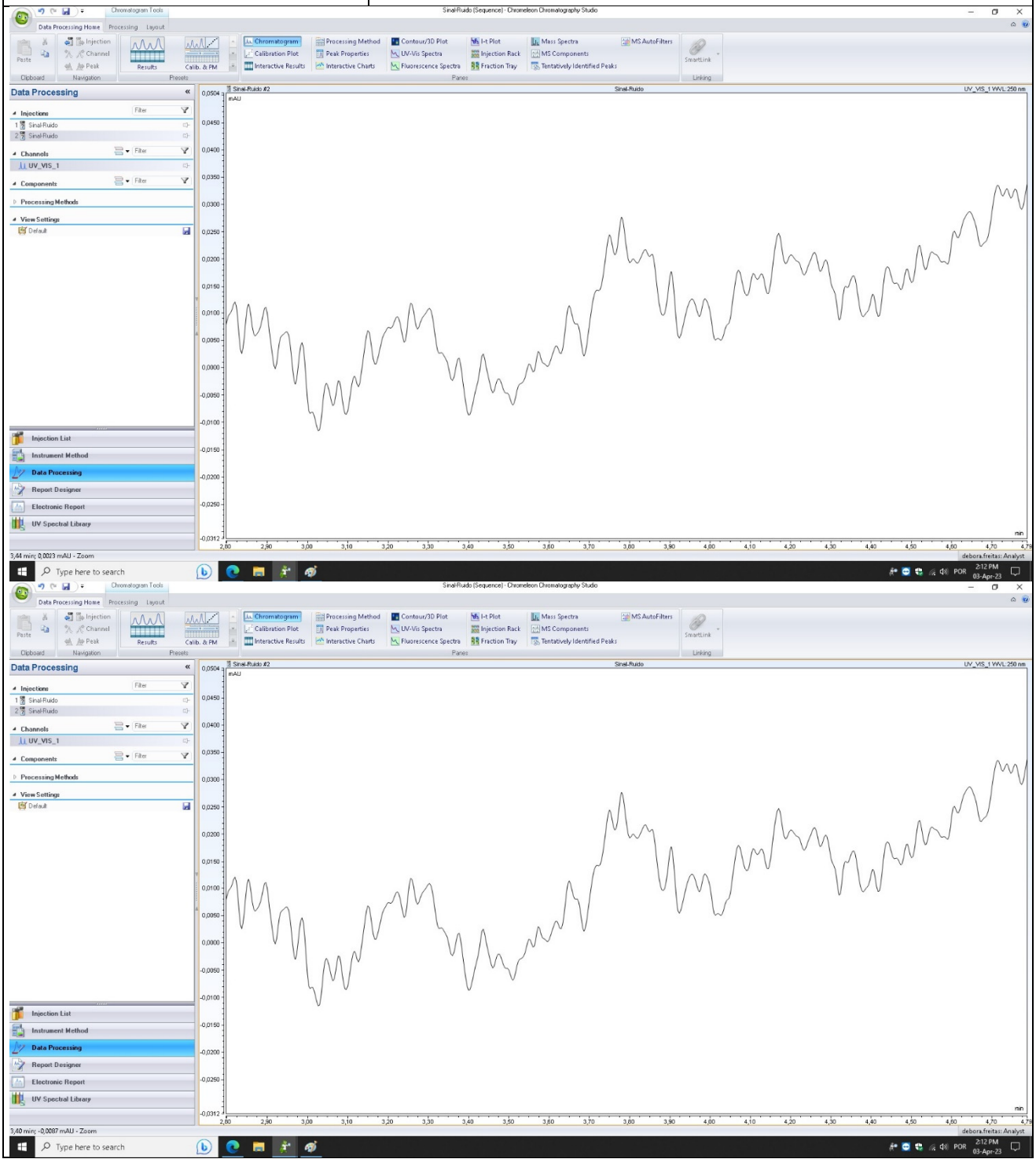


Integration Results

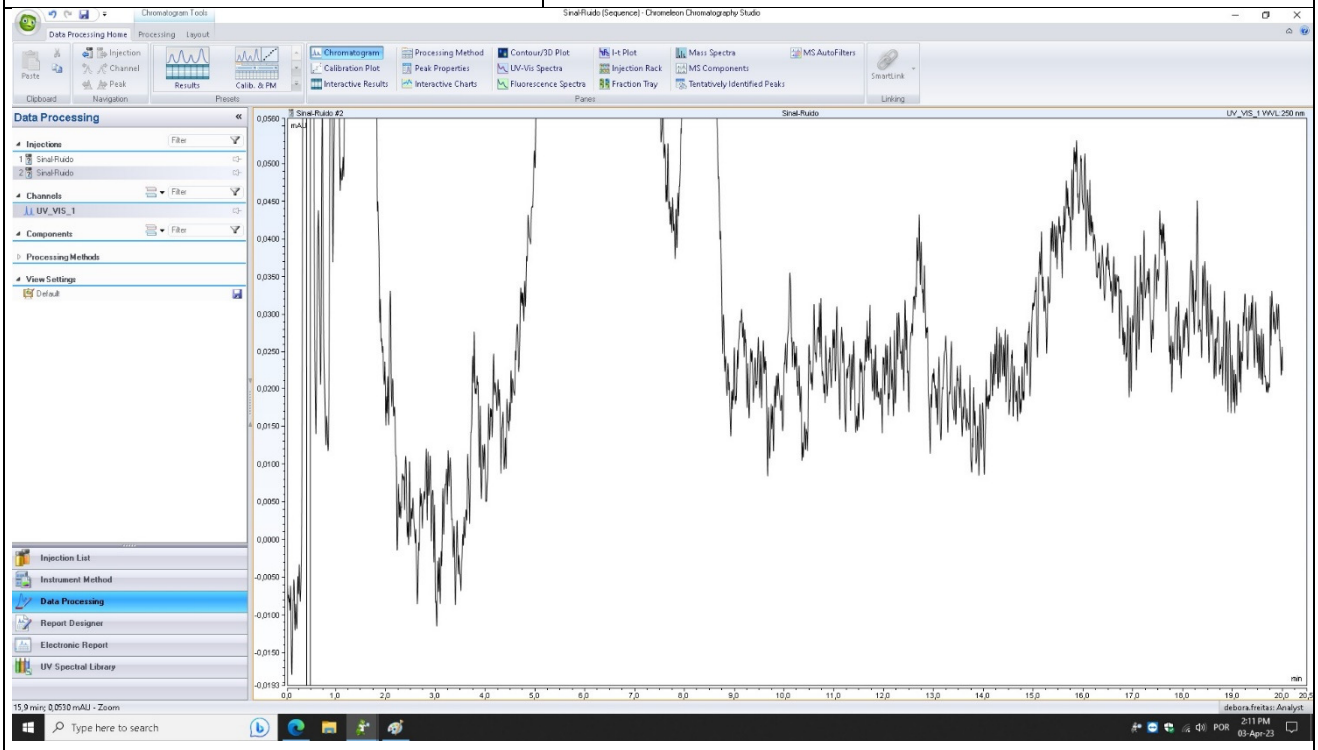
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount n.a.
Total:			**0,000**	**0,000**	**0,00**	**0,00**	

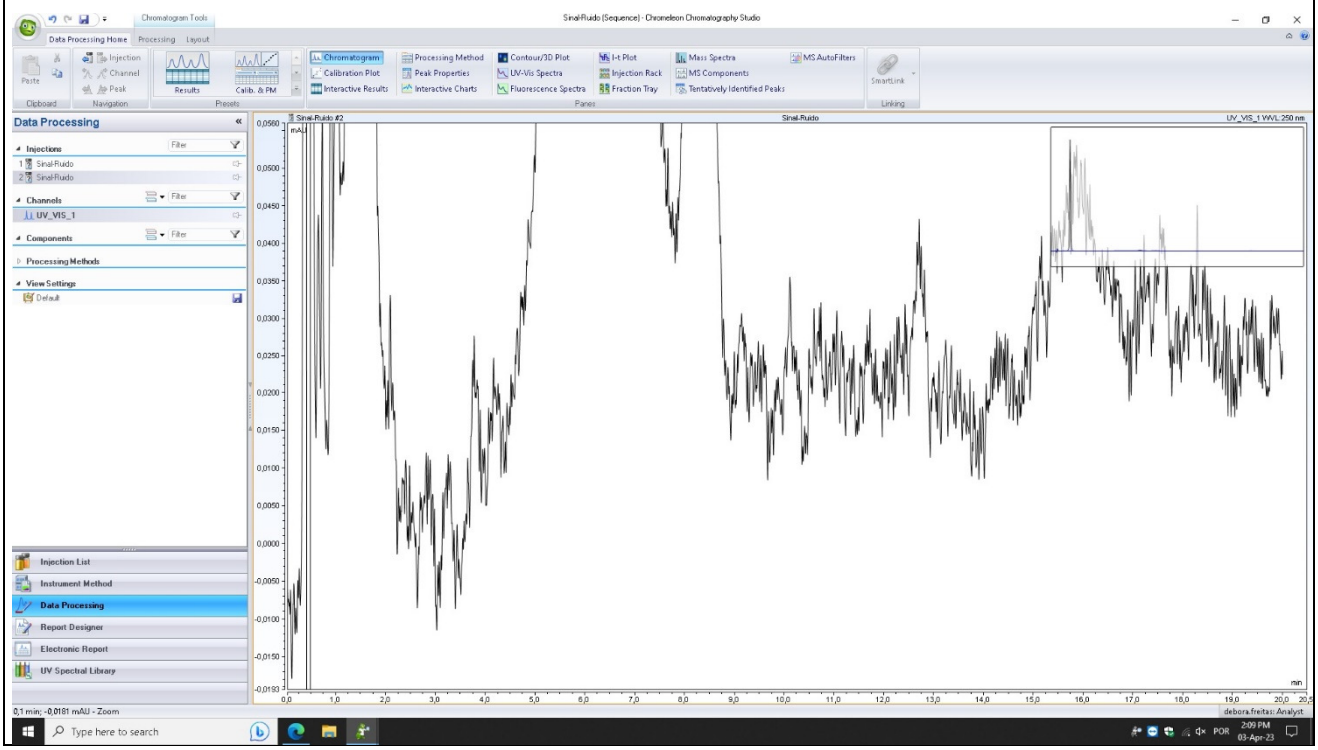
Relatório SRELB

Detector DAD – DETECTOR HL – N/S 8333726	Data: 04/04/2023
Ruído:	
Valor máximo: 0.0023 mAU	**Diferença: 0.011 mAU**
Valor mínimo: -0.0087 mAU	

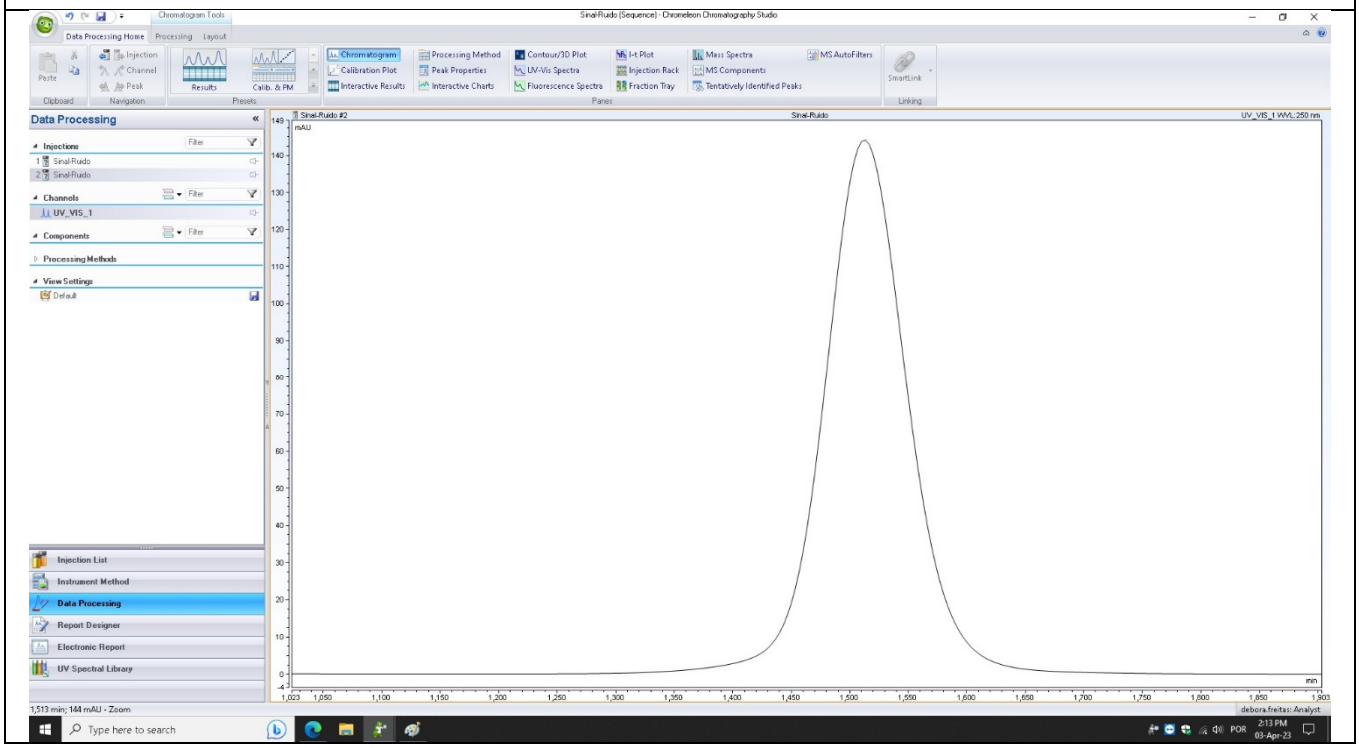


Estabilidade da Linha de Base:	
Valor máximo: 0.0530 mAU	**Diferença (em 20 minutos): 0.0711 mAU**
Valor mínimo: -0.0181 mAU	**Diferença (em 60 minutos): 0.0711 x 3 = 0.2133 mAU**





Altura do Pico:
Valor: 144 mAU

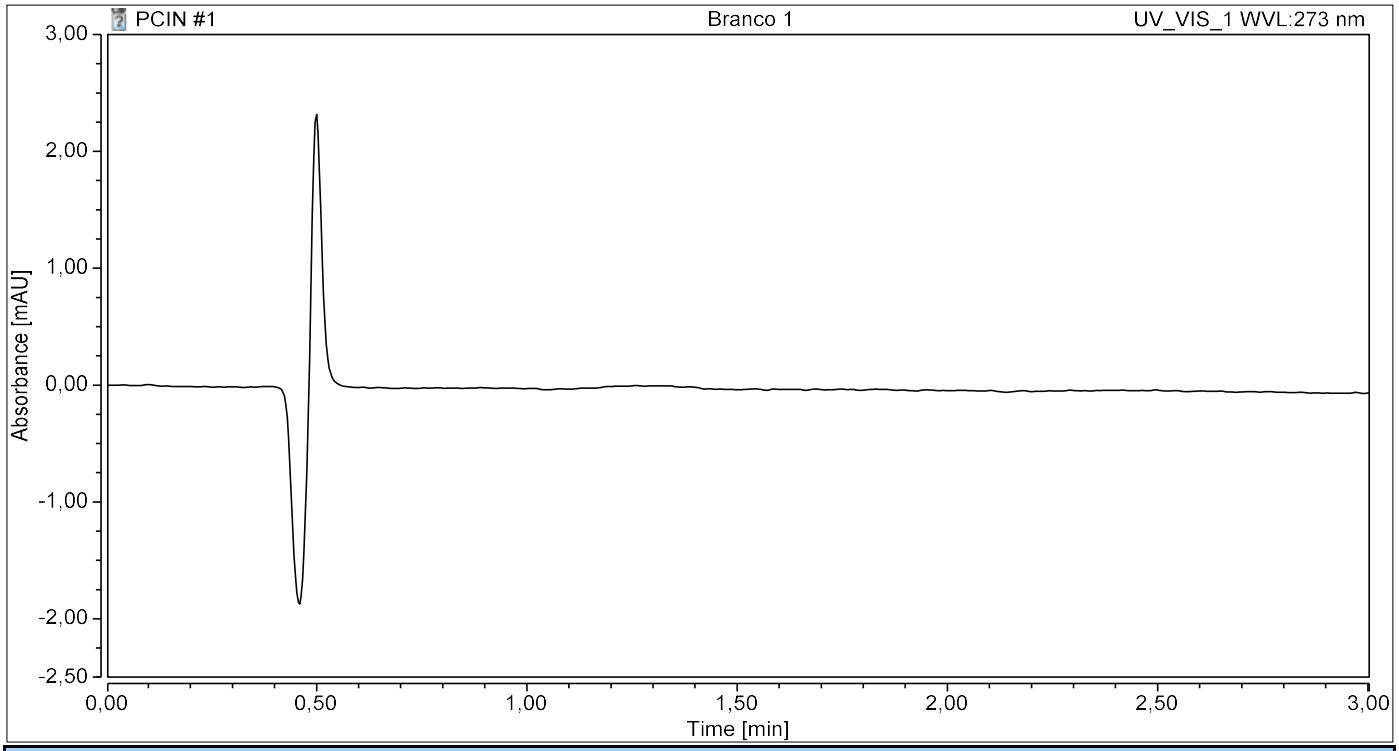


Chromatogram and Results

Injection Details

Injection Name:	**Branco 1**	*Run Time (min):*	**3,00**
Vial Number:	**R:A1**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 11:30**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

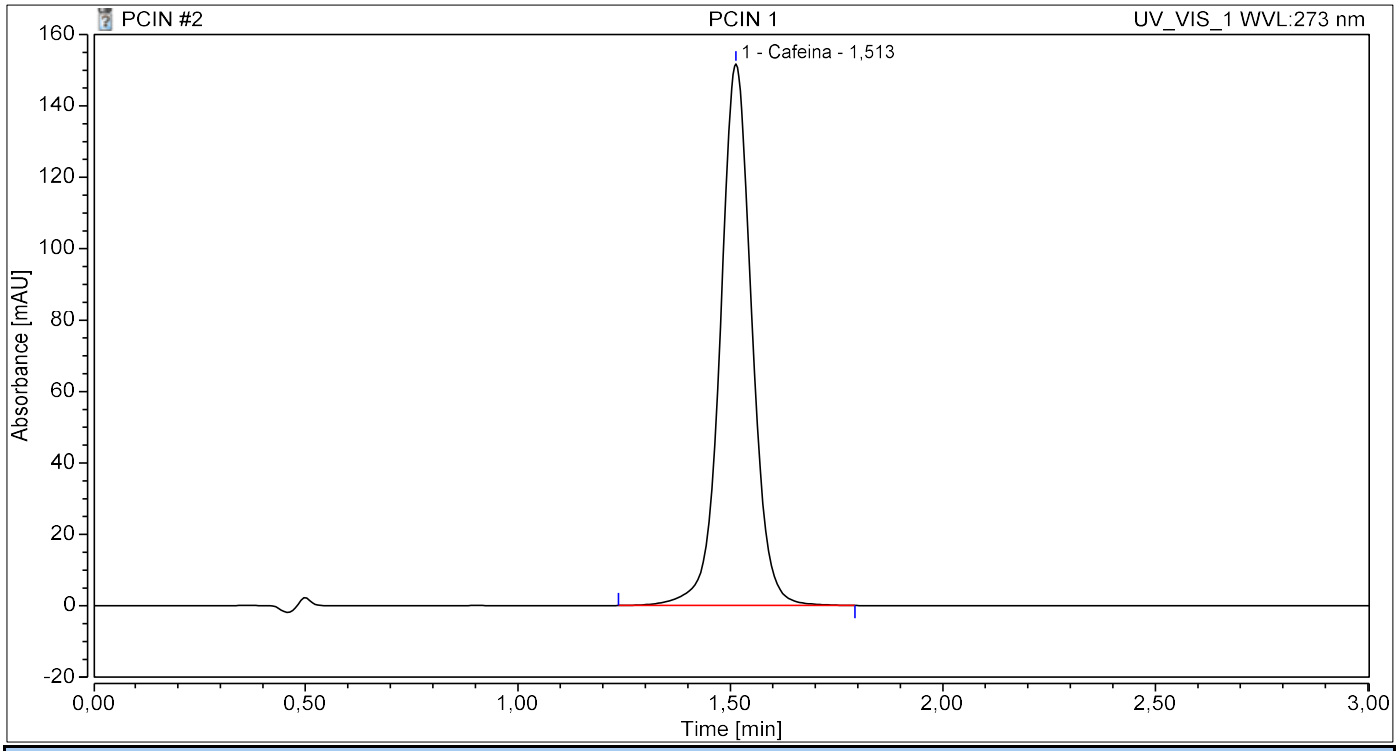
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Cafeina	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0,000**	**0,000**	**0,00**	**0,00**	

Chromatogram and Results

Injection Details

Injection Name:	**PCIN 1**	*Run Time (min):*	**3,00**
Vial Number:	**R:A2**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 11:35**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

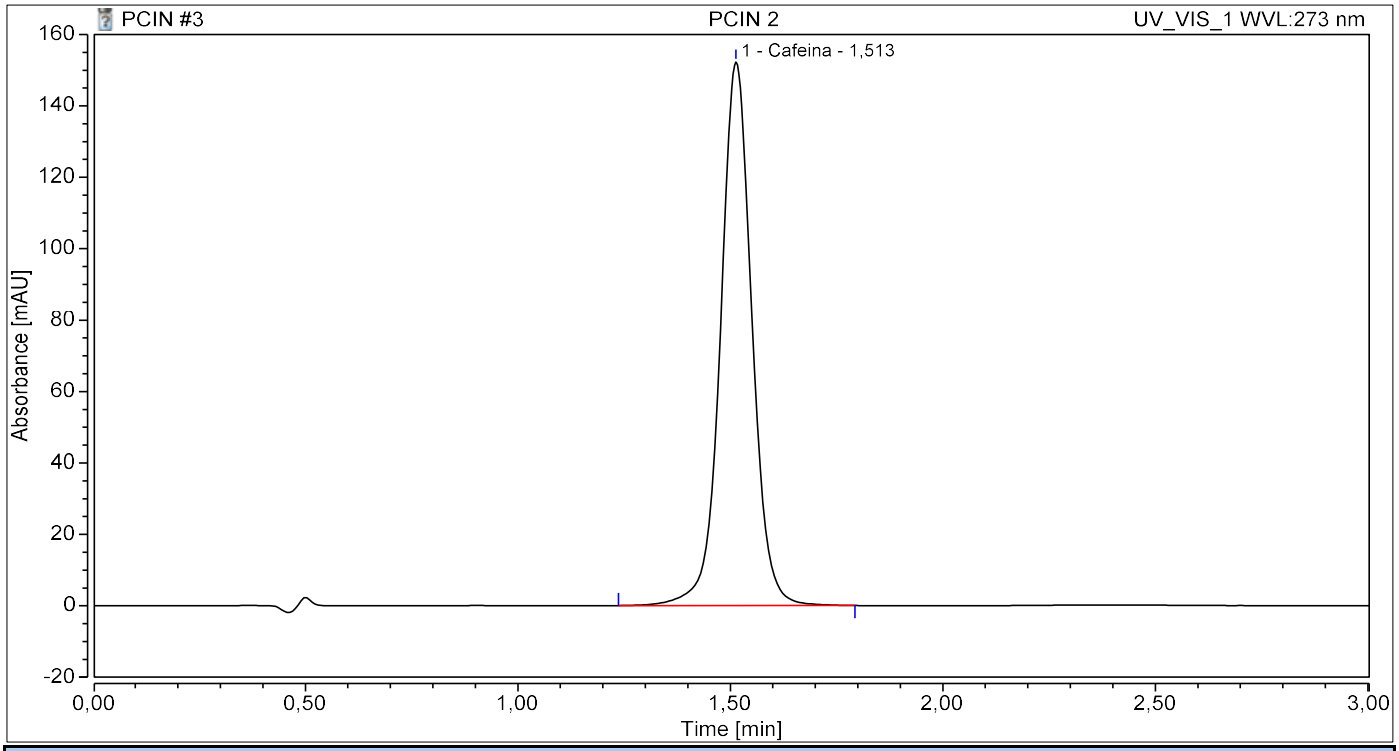
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,513	13,035	151,680	100,00	100,00	n.a.
Total:			**13,035**	**151,680**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**PCIN 2**	*Run Time (min):*	**3,00**
Vial Number:	**R:A2**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 11:40**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

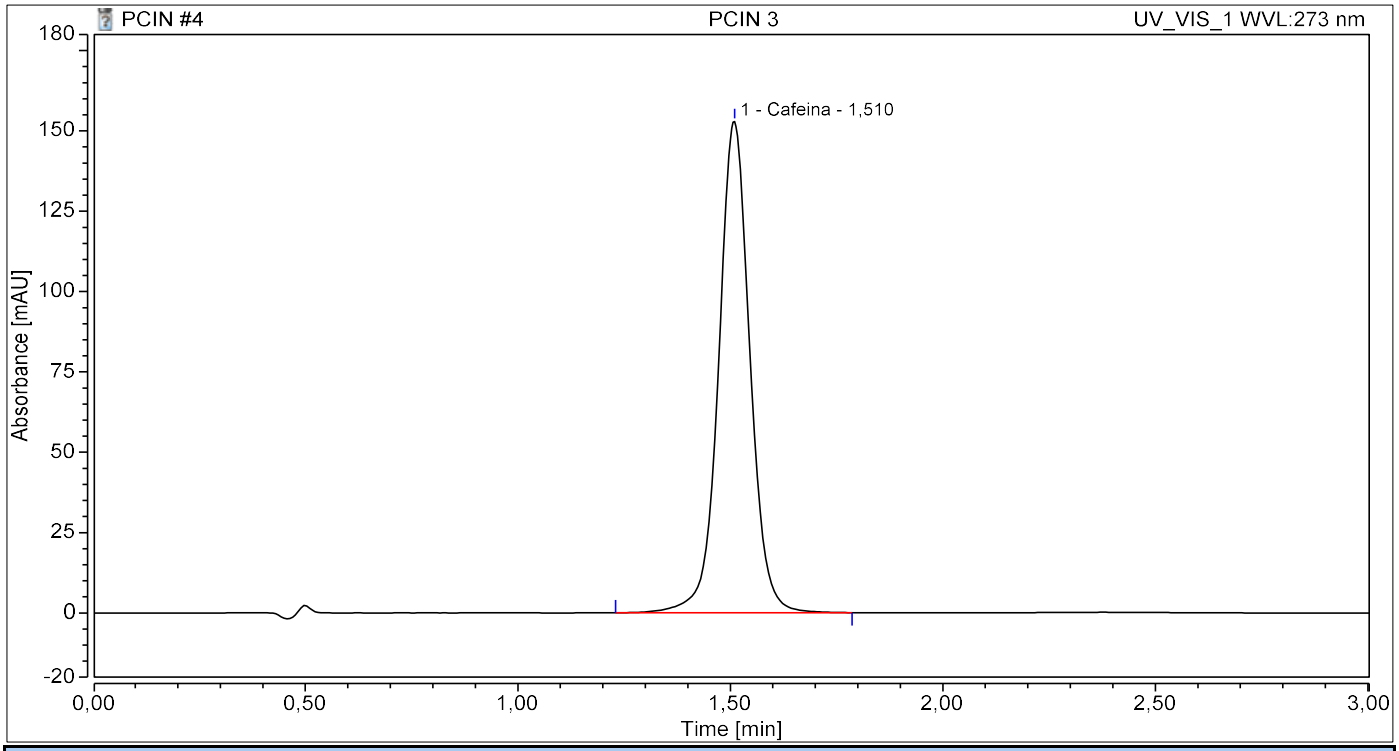
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,513	13,037	152,170	100,00	100,00	n.a.
Total:			**13,037**	**152,170**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**PCIN 3**	*Run Time (min):*	**3,00**
Vial Number:	**R:A2**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 11:44**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

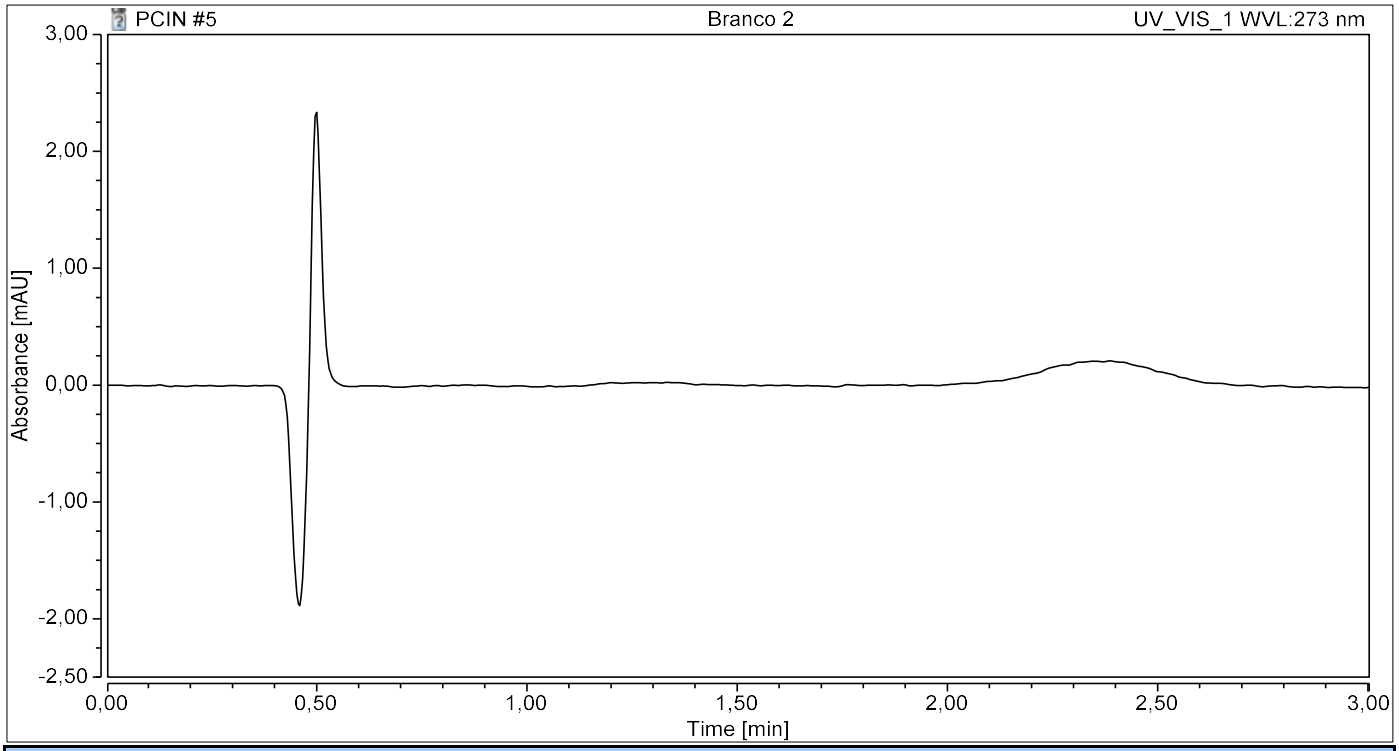
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,510	13,039	152,862	100,00	100,00	n.a.
Total:			**13,039**	**152,862**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**Branco 2**	*Run Time (min):*	**3,00**
Vial Number:	**R:A1**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 11:49**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

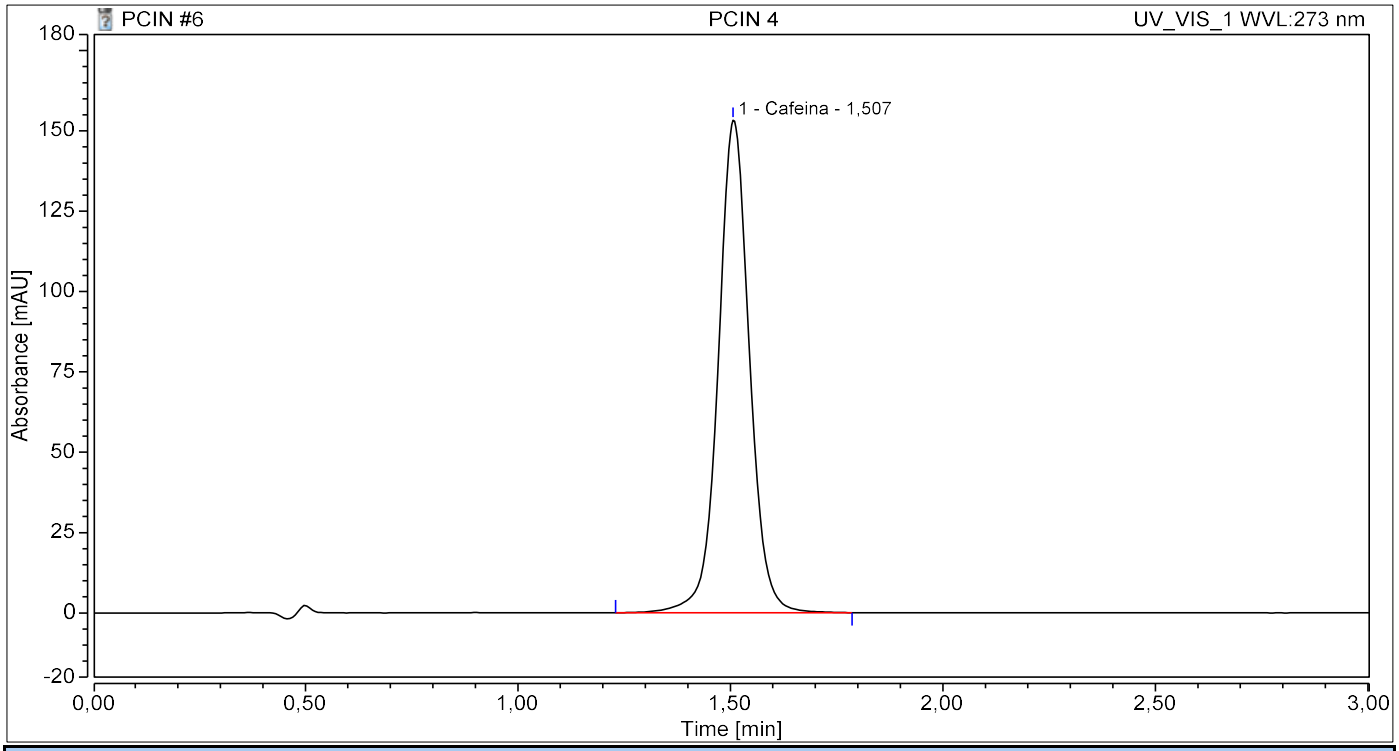
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Cafeina	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0,000**	**0,000**	**0,00**	**0,00**	

Chromatogram and Results

Injection Details

Injection Name:	**PCIN 4**	*Run Time (min):*	**3,00**
Vial Number:	**R:A2**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 11:54**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

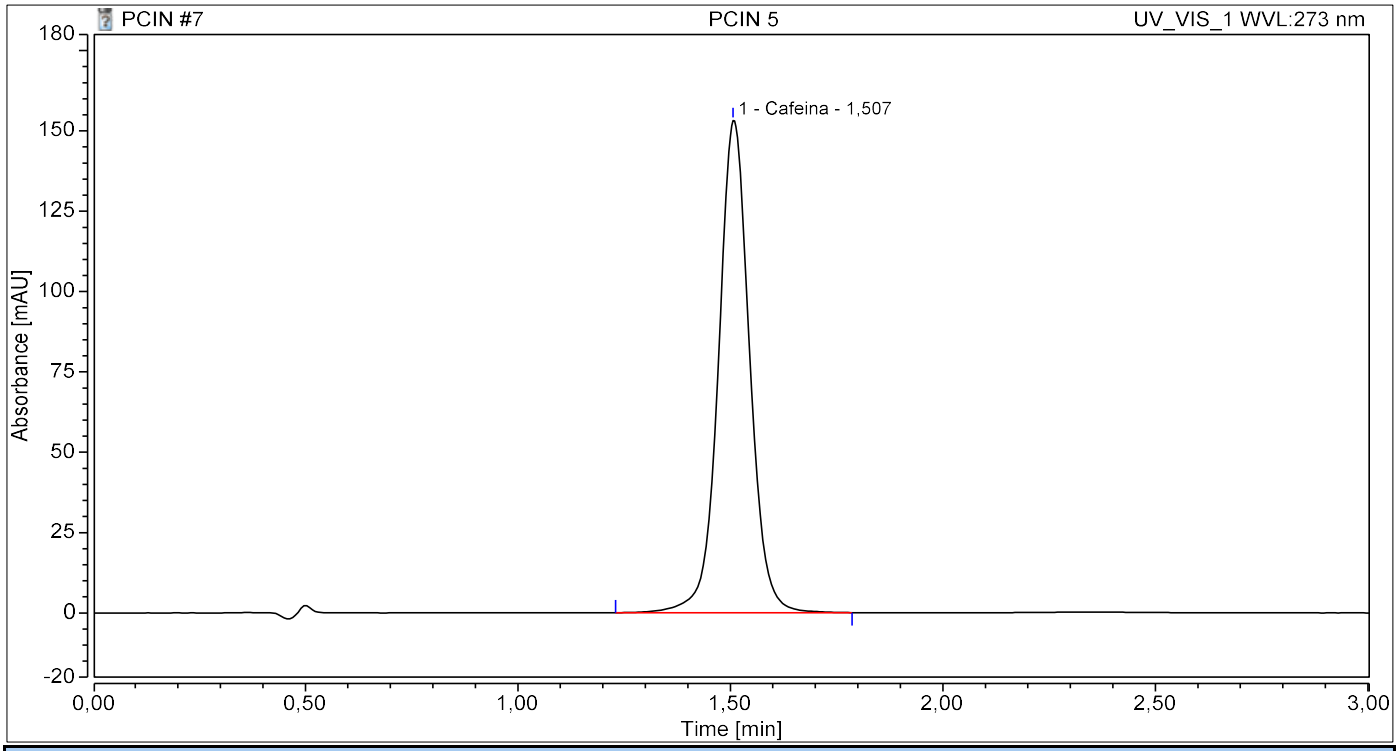
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,507	13,035	153,206	100,00	100,00	n.a.
Total:			**13,035**	**153,206**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**PCIN 5**	*Run Time (min):*	**3,00**
Vial Number:	**R:A2**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 11:59**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

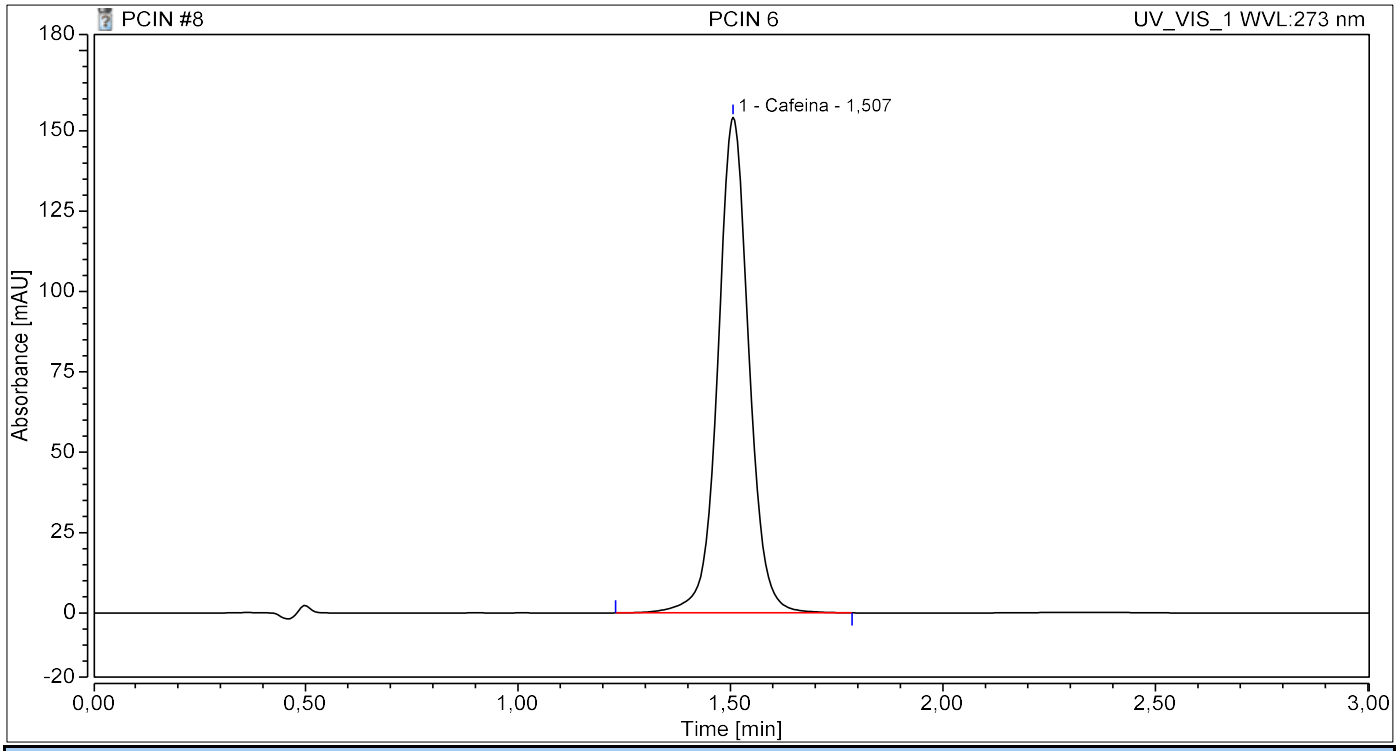
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,507	13,033	153,129	100,00	100,00	n.a.
Total:			**13,033**	**153,129**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**PCIN 6**	*Run Time (min):*	**3,00**
Vial Number:	**R:A2**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 12:04**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

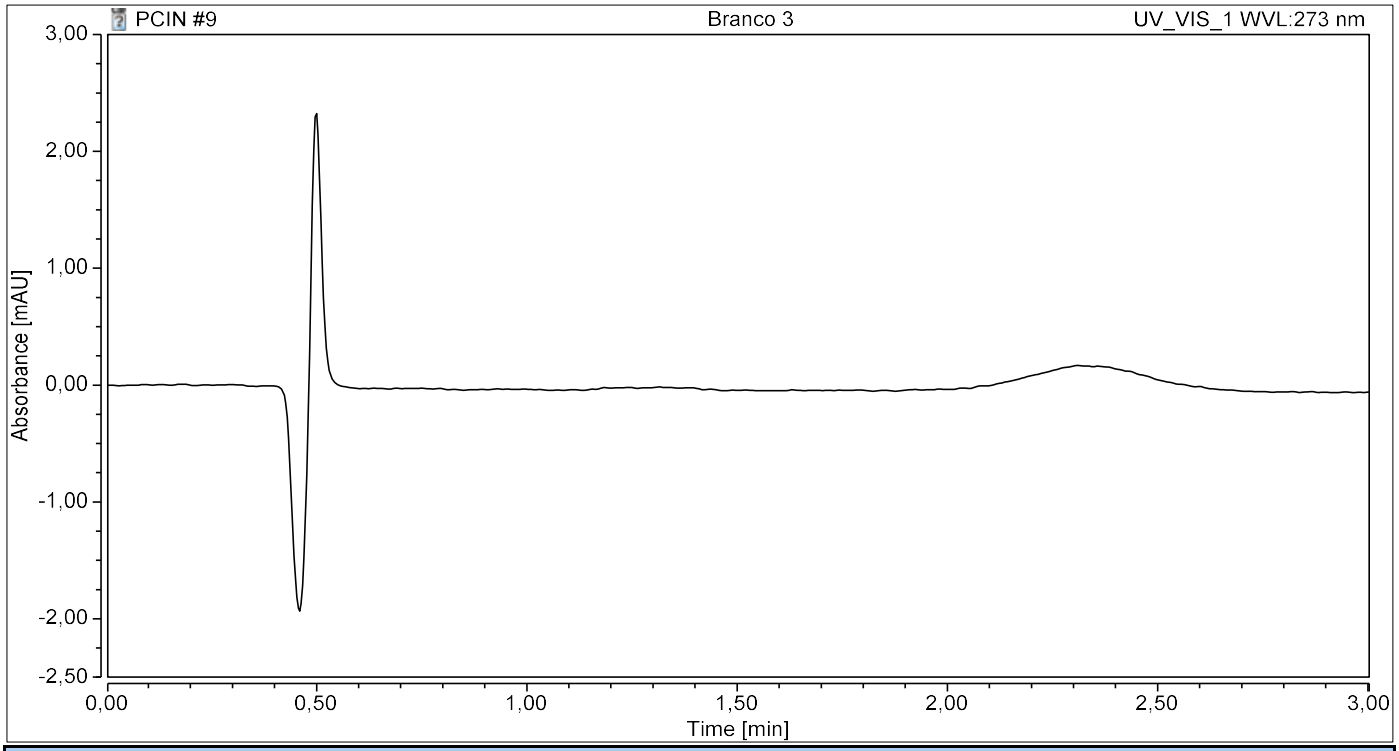
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,507	13,040	154,208	100,00	100,00	n.a.
Total:			**13,040**	**154,208**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**Branco 3**	*Run Time (min):*	**3,00**
Vial Number:	**R:A1**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 12:08**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

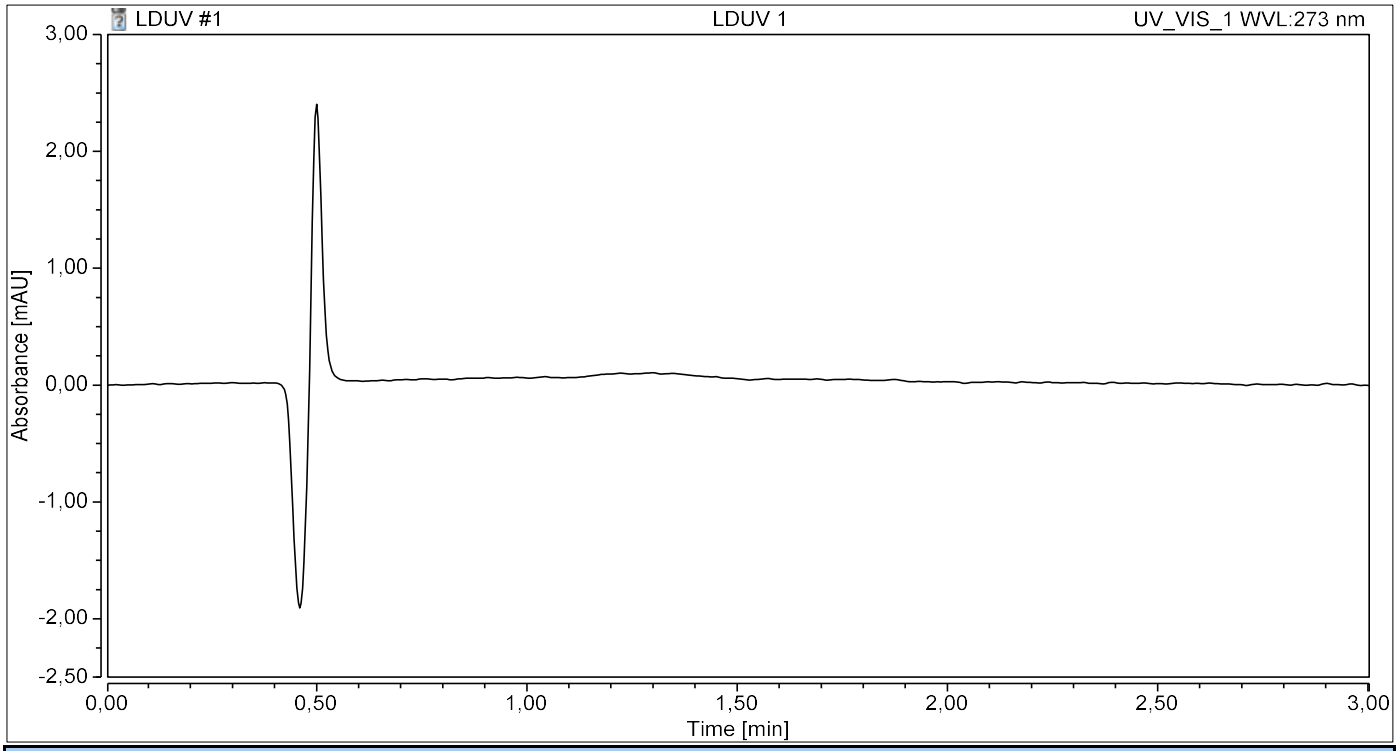
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Cafeina	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0,000**	**0,000**	**0,00**	**0,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LDUV 1**	*Run Time (min):*	**3,00**
Vial Number:	**R:A1**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 12:21**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

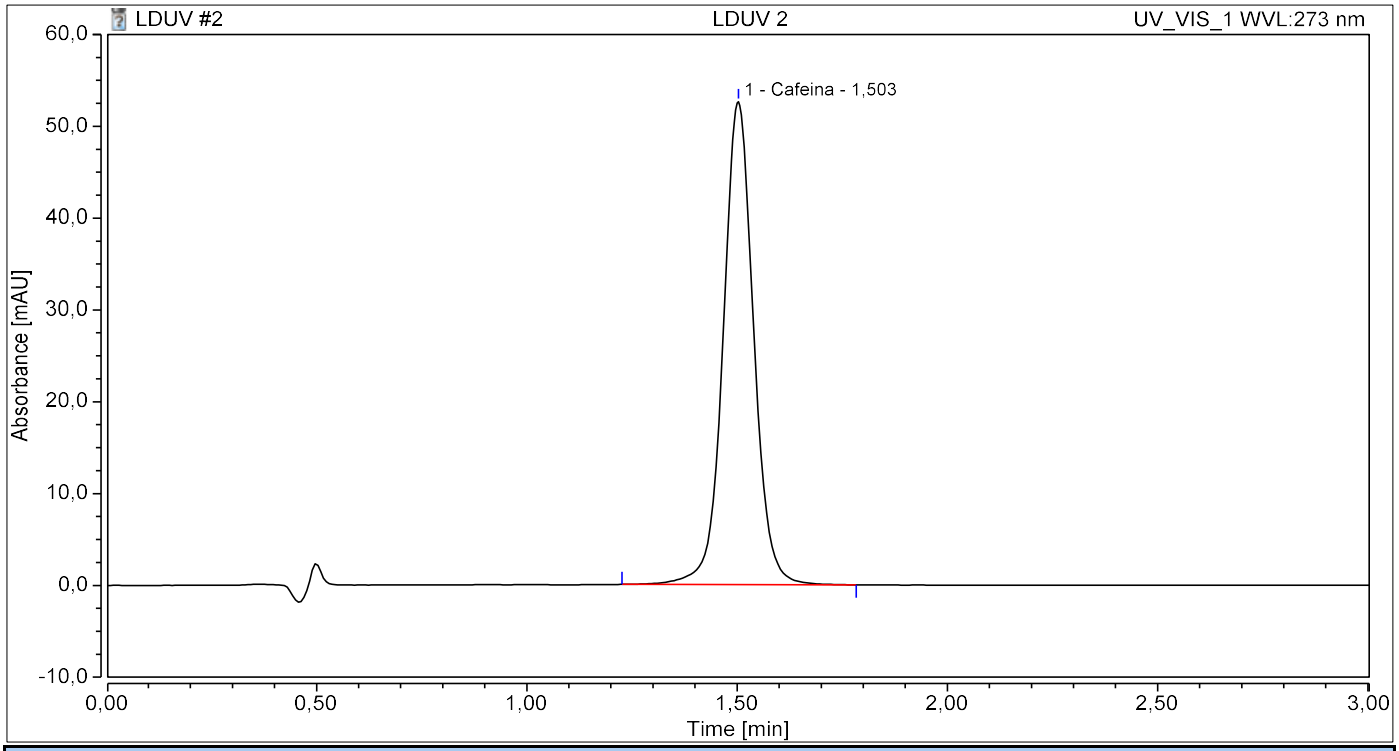
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Cafeina	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0,000**	**0,000**	**0,00**	**0,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LDUV 2**	*Run Time (min):*	**3,00**
Vial Number:	**R:A2**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 12:26**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

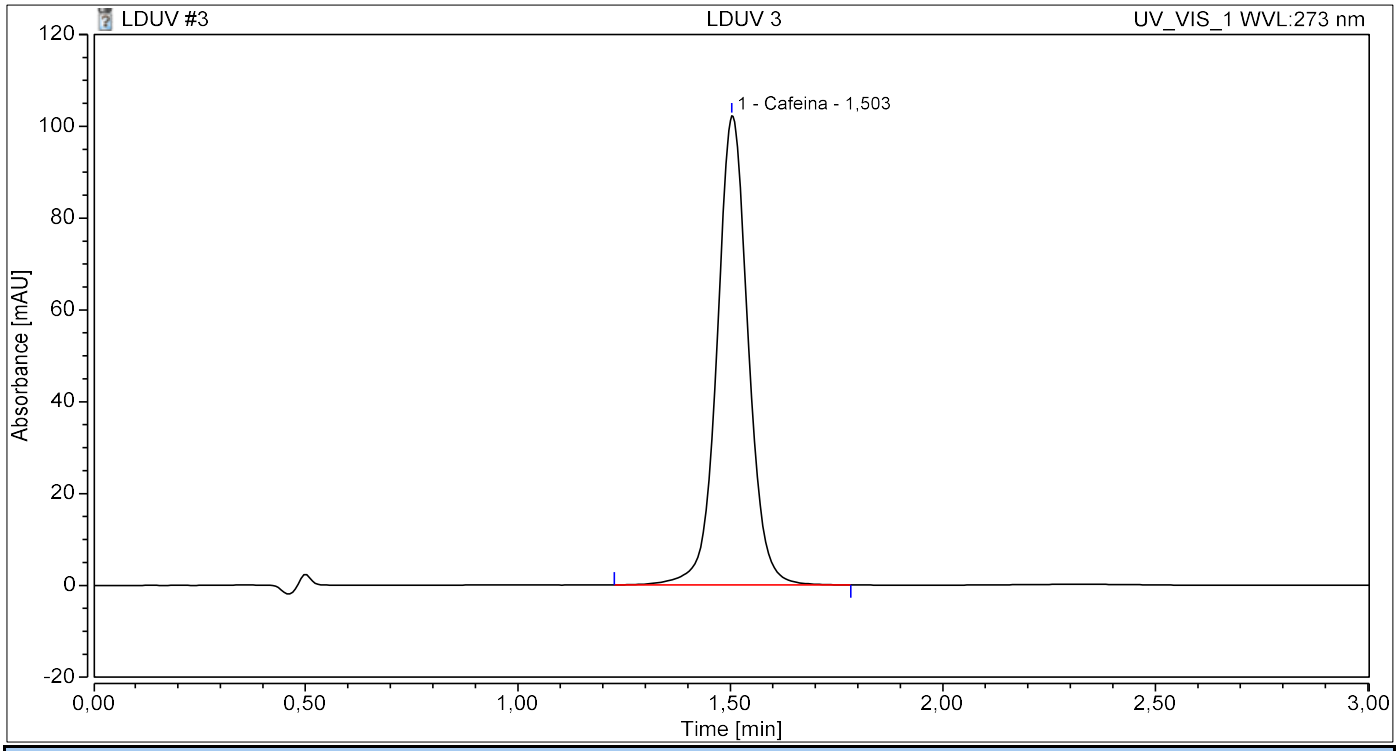
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,503	4,416	52,605	100,00	100,00	n.a.
Total:			**4,416**	**52,605**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LDUV 3**	*Run Time (min):*	**3,00**
Vial Number:	**R:A3**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 12:31**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

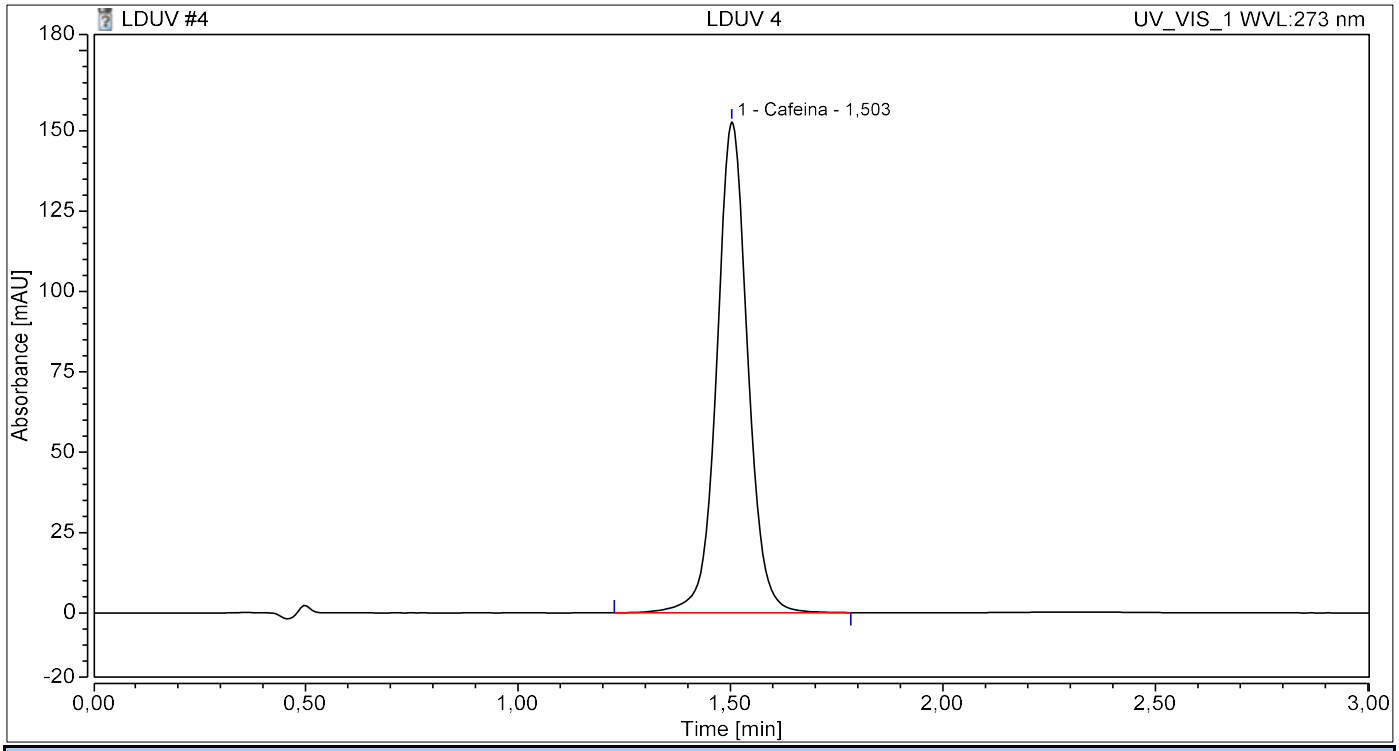
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,503	8,672	102,179	100,00	100,00	n.a.
Total:			**8,672**	**102,179**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LDUV 4**	*Run Time (min):*	**3,00**
Vial Number:	**R:A4**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 12:36**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

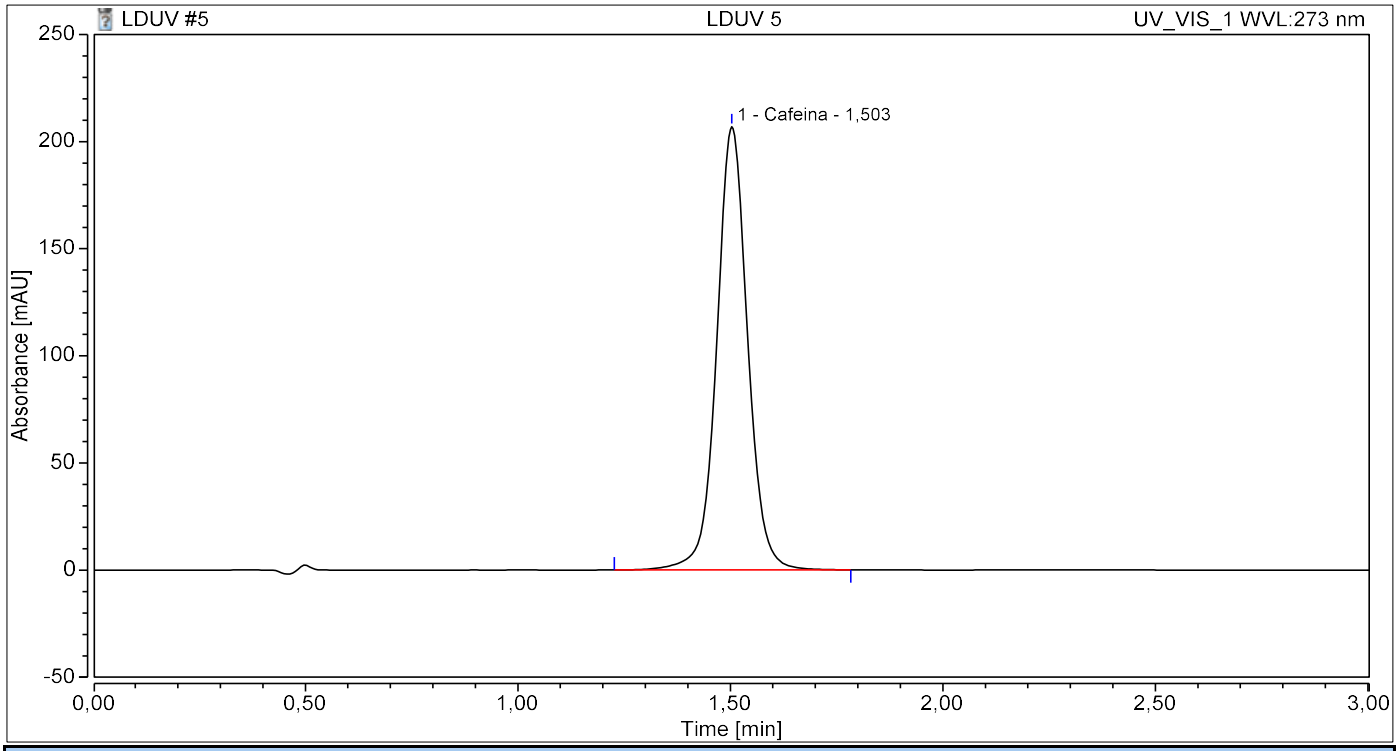
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,503	12,871	152,744	100,00	100,00	n.a.
Total:			**12,871**	**152,744**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LDUV 5**	*Run Time (min):*	**3,00**
Vial Number:	**R:A5**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 12:41**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

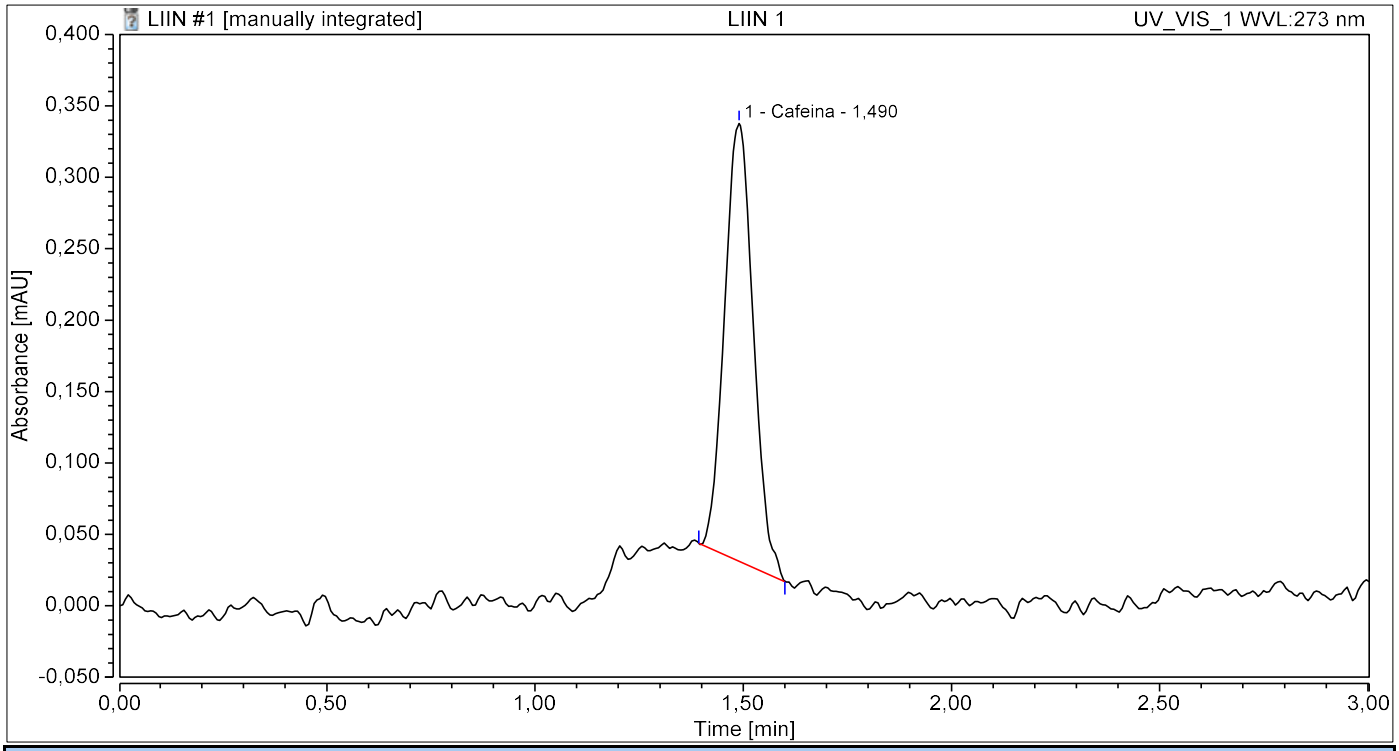
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,503	17,423	206,952	100,00	100,00	n.a.
Total:			**17,423**	**206,952**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LIIN 1**	*Run Time (min):*	**3,00**
Vial Number:	**R:A1**	*Injection Volume:*	**0,10**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 12:50**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

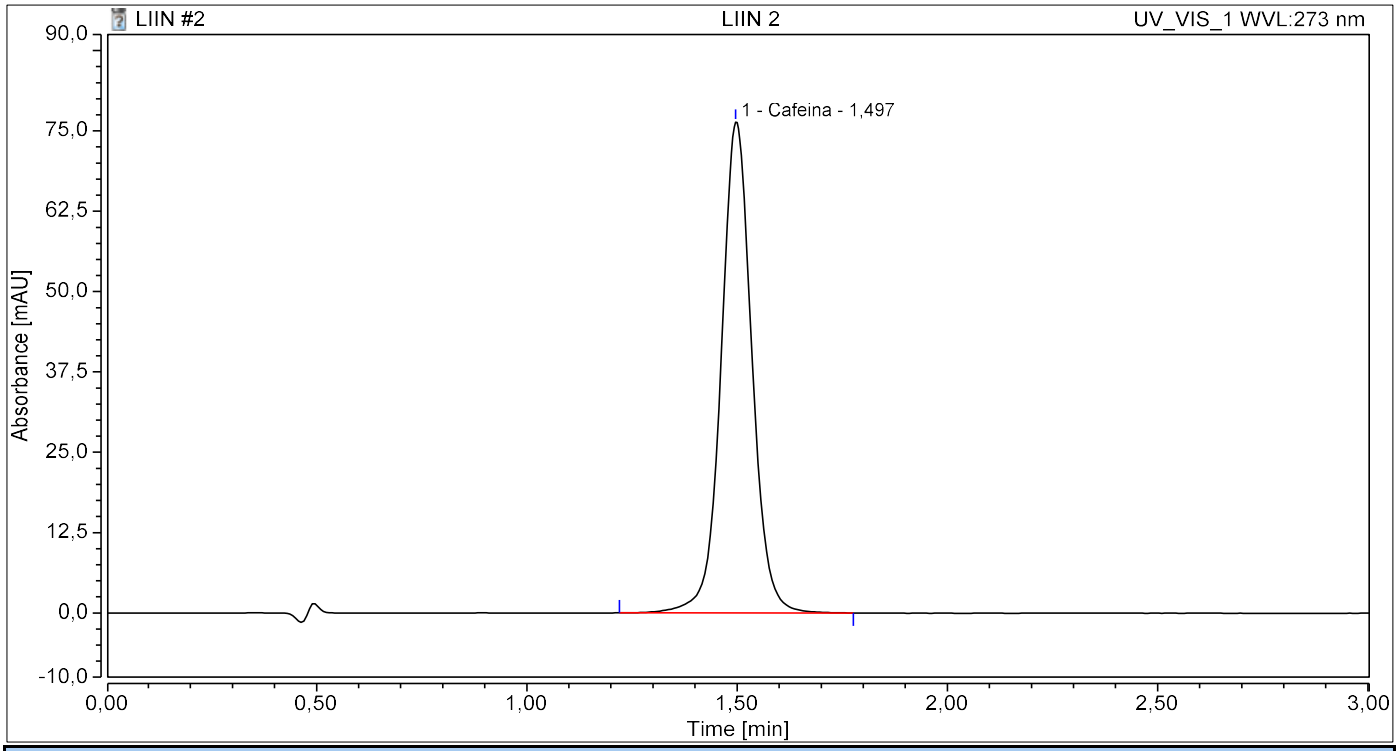
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,490	0,025	0,307	100,00	100,00	n.a.
Total:			**0,025**	**0,307**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LIIN 2**	*Run Time (min):*	**3,00**
Vial Number:	**R:A1**	*Injection Volume:*	**5,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 12:55**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

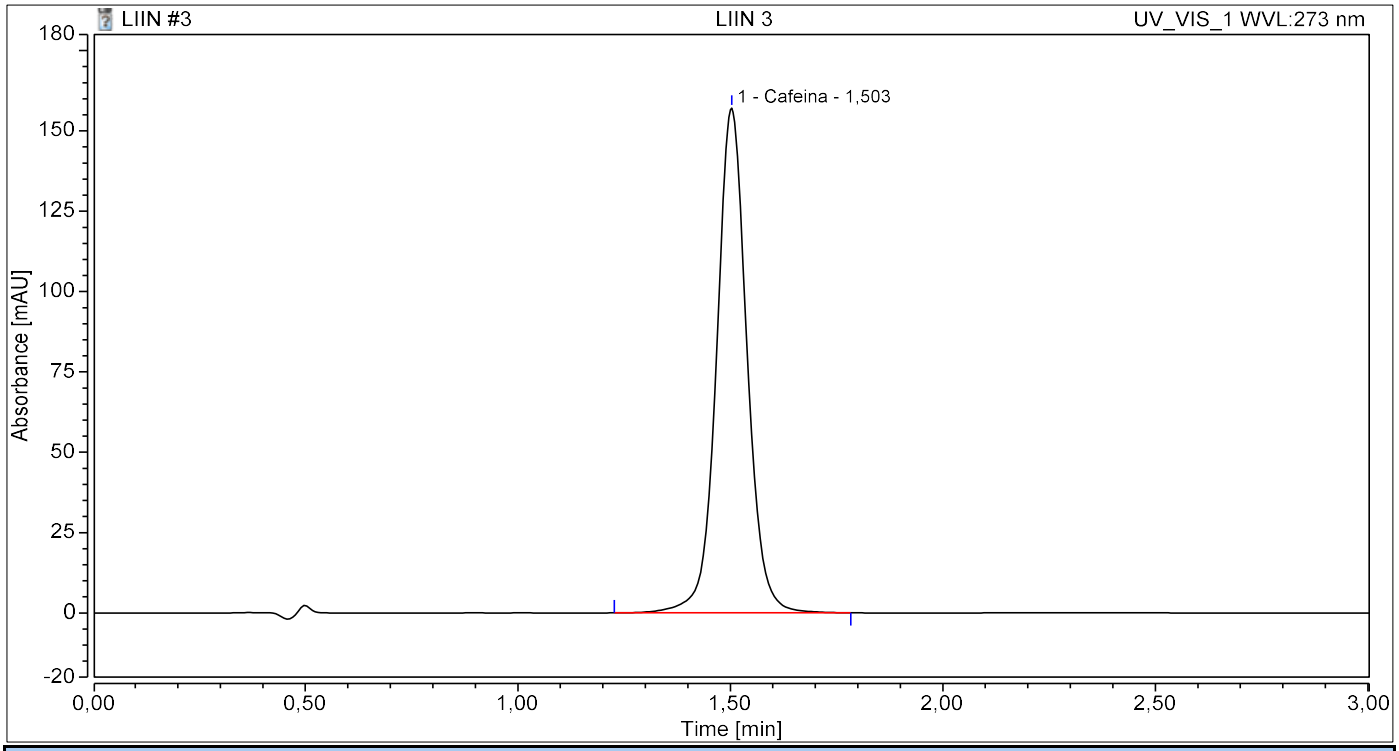
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,497	6,477	76,379	100,00	100,00	n.a.
Total:			**6,477**	**76,379**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LIIN 3**	*Run Time (min):*	**3,00**
Vial Number:	**R:A1**	*Injection Volume:*	**10,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 13:00**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

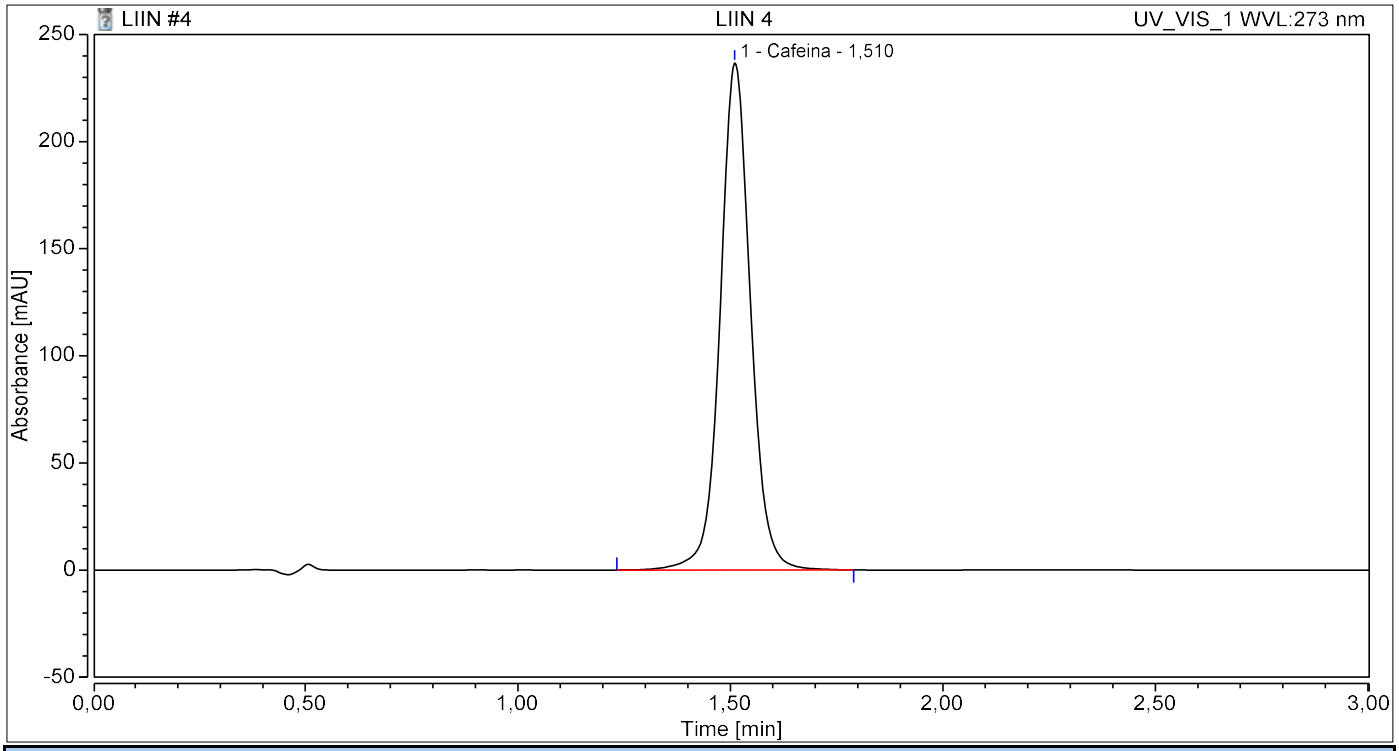
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,503	13,043	157,036	100,00	100,00	n.a.
Total:			**13,043**	**157,036**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LIIN 4**	*Run Time (min):*	**3,00**
Vial Number:	**R:A1**	*Injection Volume:*	**15,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 13:05**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

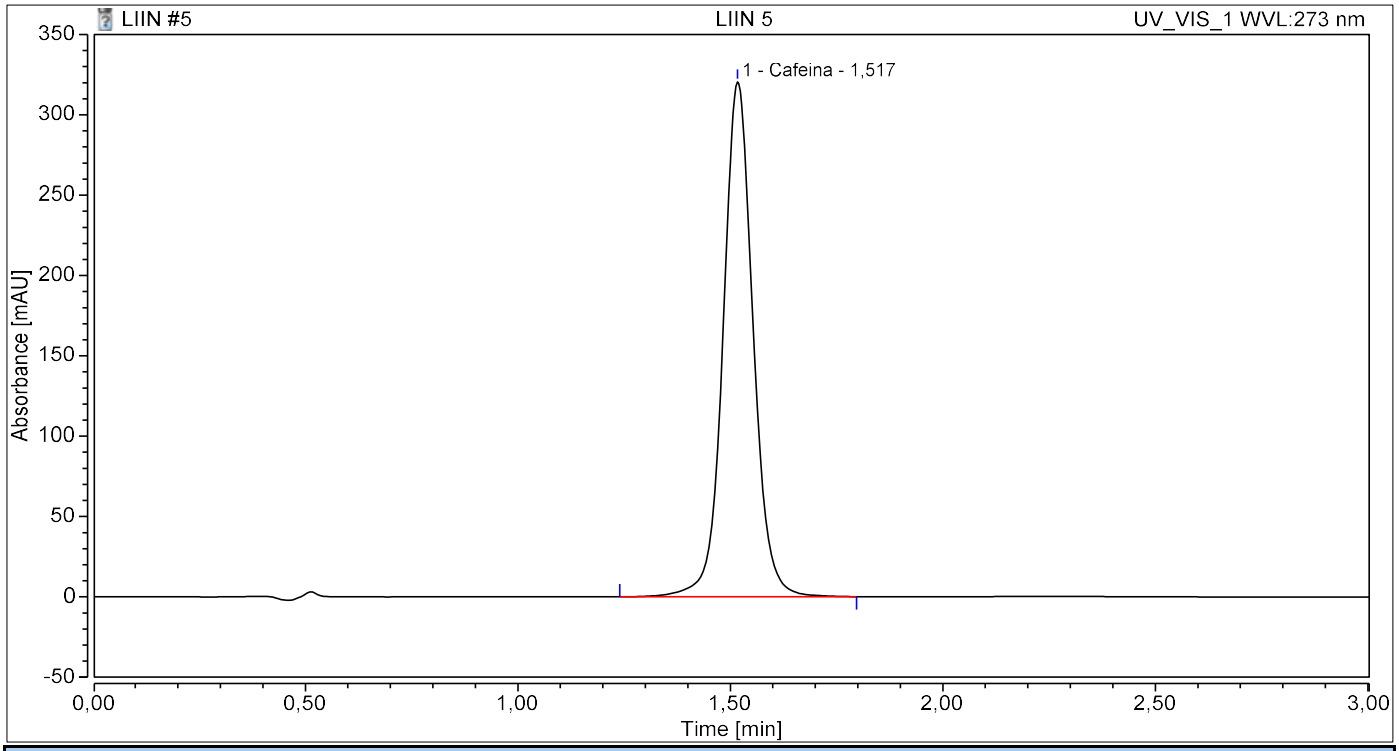
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,510	19,597	236,637	100,00	100,00	n.a.
Total:			**19,597**	**236,637**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LIIN 5**	*Run Time (min):*	**3,00**
Vial Number:	**R:A1**	*Injection Volume:*	**20,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Qualificação**	*Bandwidth:*	**3**
Processing Method:	**Cafeina**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 13:10**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

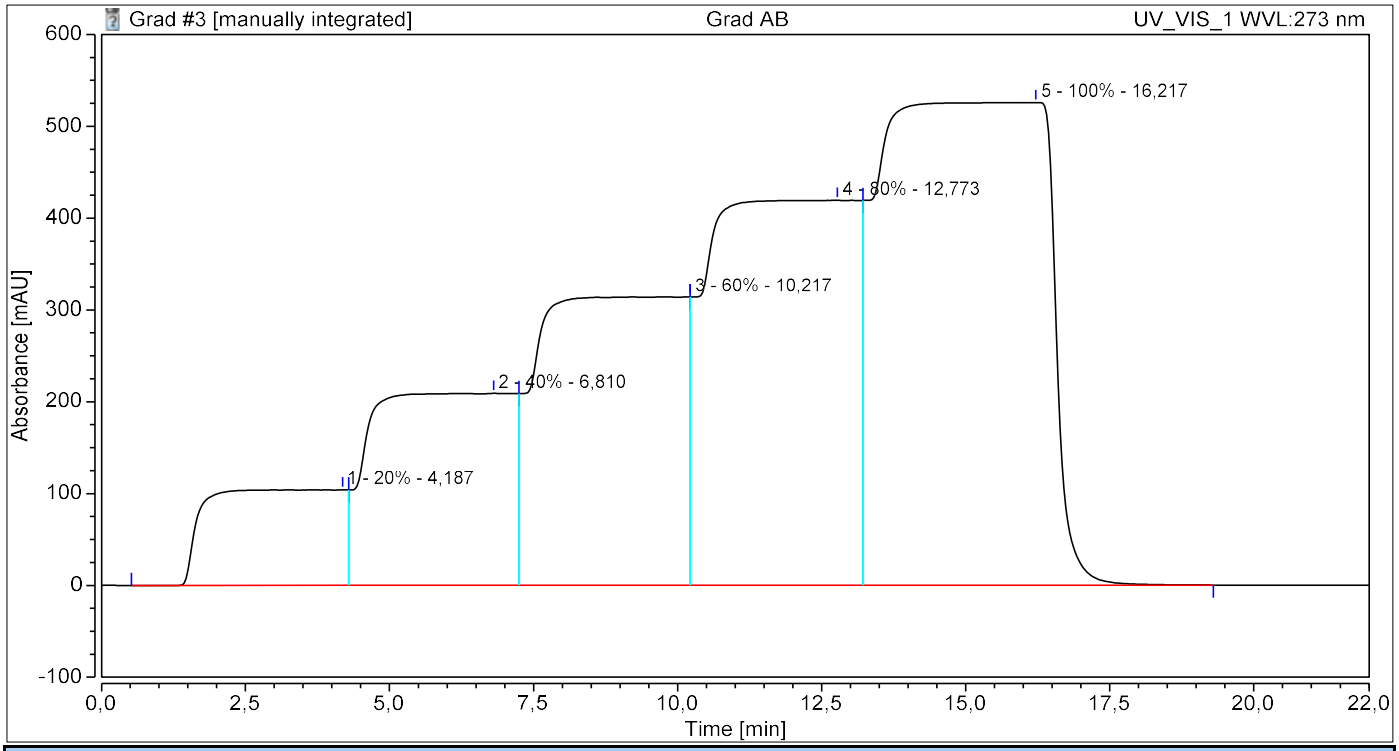
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeina	1,517	26,174	320,332	100,00	100,00	n.a.
Total:			**26,174**	**320,332**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**Grad AB**	*Run Time (min):*	**22,00**
Vial Number:	**R:A1**	*Injection Volume:*	**0,10**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Grad AB**	*Bandwidth:*	**3**
Processing Method:	**Gradiente**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 15:48**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

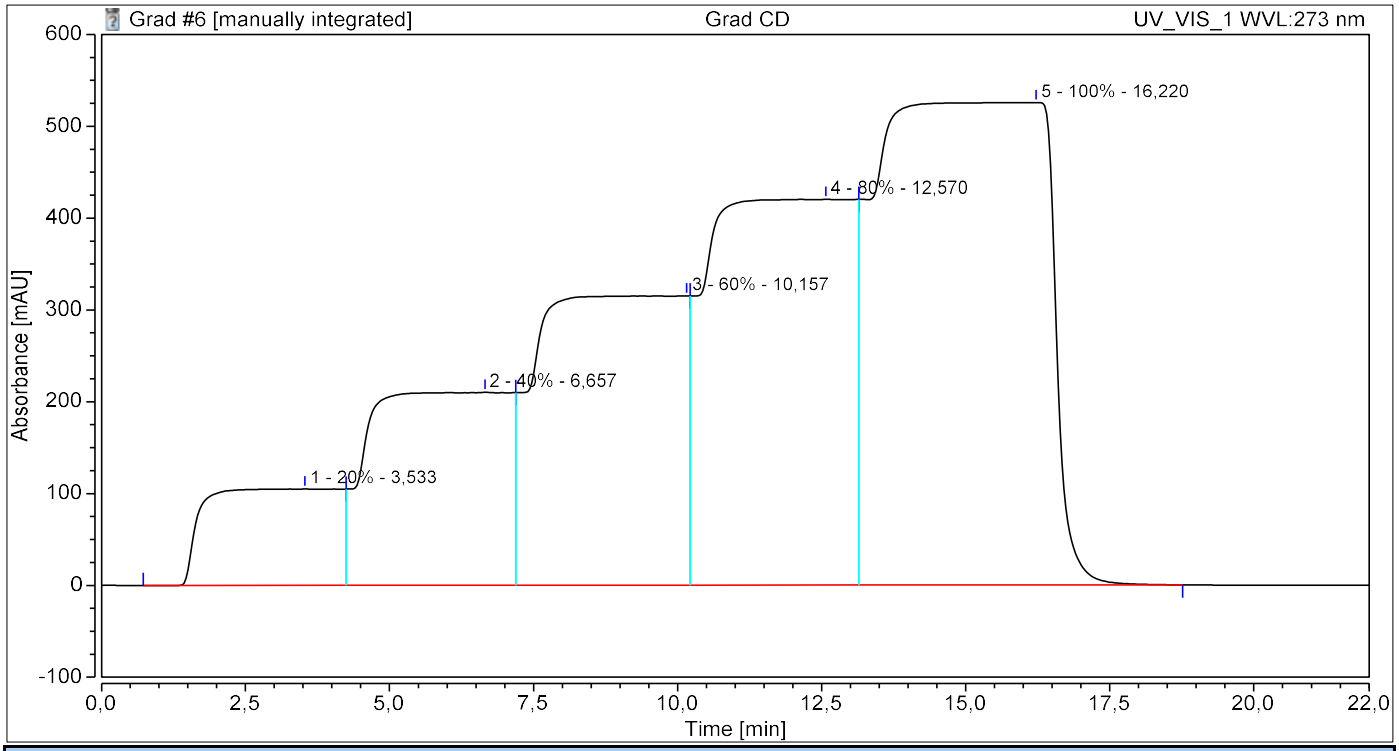
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	20%	4,187	276,085	103,955	5,86	6,61	n.a.
2	40%	6,810	582,175	209,051	12,35	13,30	n.a.
3	60%	10,217	892,385	314,091	18,93	19,99	n.a.
4	80%	12,773	1215,161	419,095	25,78	26,67	n.a.
5	100%	16,217	1747,929	525,424	37,08	33,43	n.a.
Total:			**4713,735**	**1571,615**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**Grad CD**	*Run Time (min):*	**22,00**
Vial Number:	**R:A1**	*Injection Volume:*	**0,10**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273**
Instrument Method:	**Grad CD**	*Bandwidth:*	**3**
Processing Method:	**Gradiente**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**03-Apr-23 17:00**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	20%	3,533	273,808	104,912	5,80	6,66	n.a.
2	40%	6,657	577,858	210,078	12,23	13,34	n.a.
3	60%	10,157	907,262	314,995	19,20	20,00	n.a.
4	80%	12,570	1187,135	420,045	25,13	26,67	n.a.
5	100%	16,220	1778,096	525,218	37,64	33,34	n.a.
Total:			**4724,159**	**1575,248**	**100,00**	**100,00**	