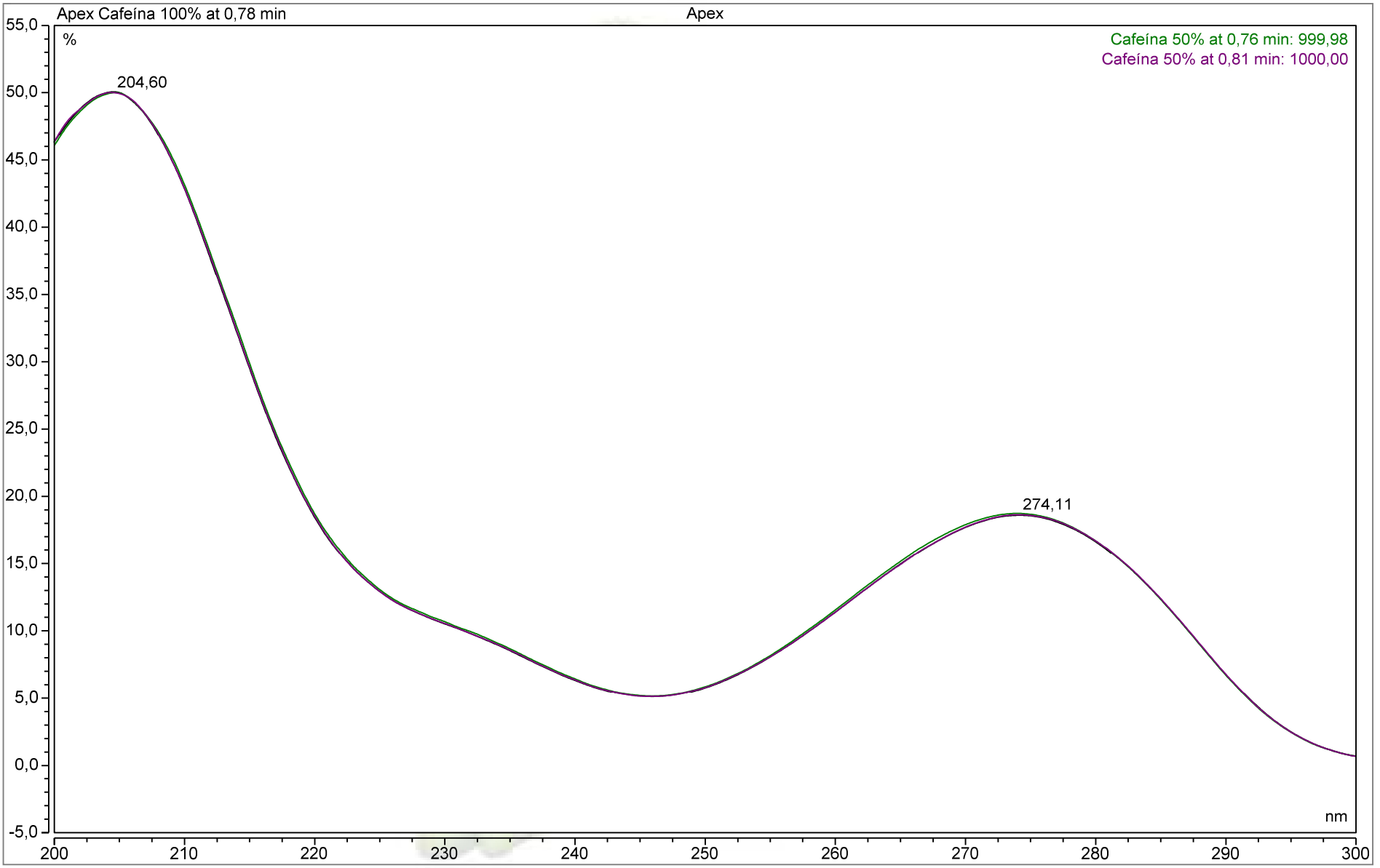
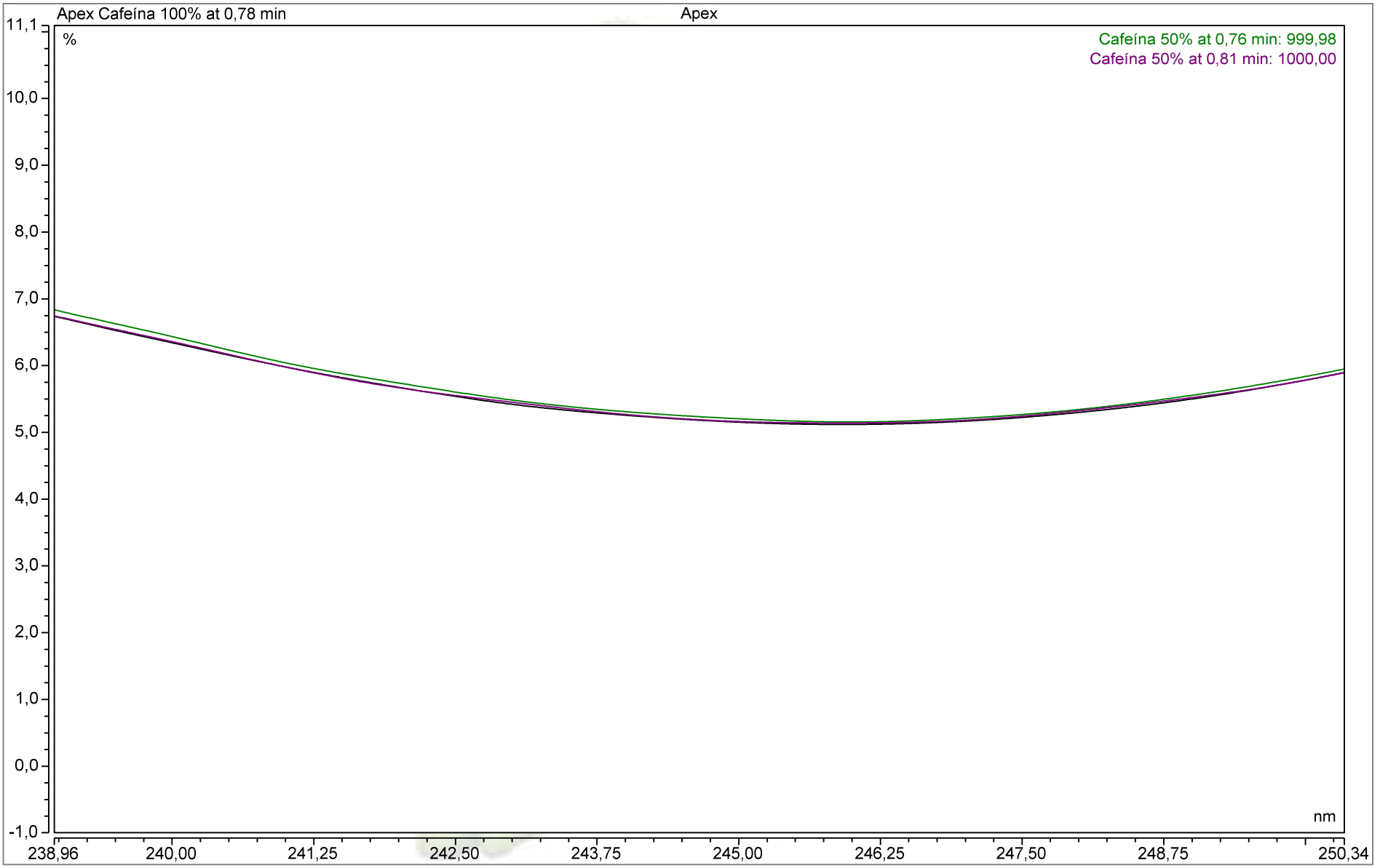

Apex Cafeína 100% at 0,78 min
Apex
%
Cafeína 50% at 0,76 min: 999,98
Cafeína 50% at 0,81 min: 1000,00
204,60
274,11
nm
55,0
50,0
45,0
40,0
35,0
30,0
25,0
20,0
15,0
10,0
5,0
0,0
-5,0
200
210
220
230
240
250
260
270
280
290
300

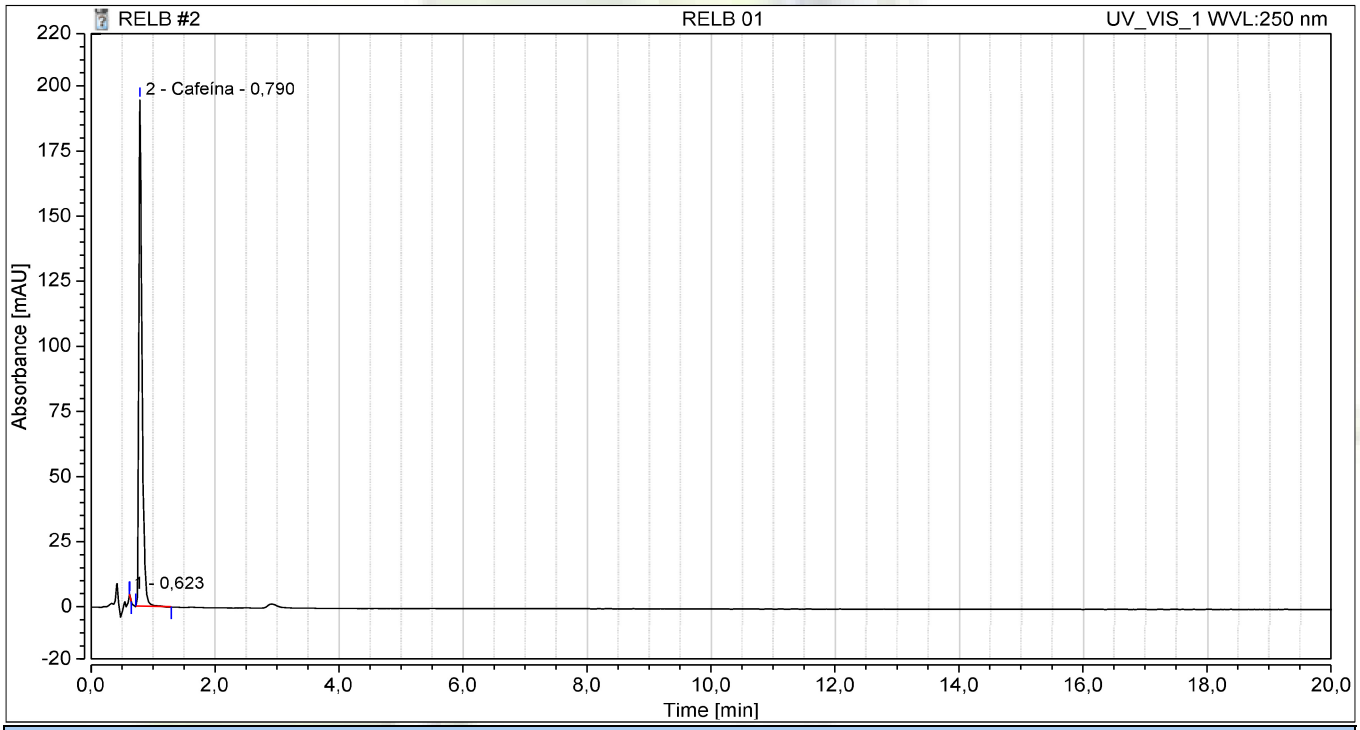

Apex Cafeína 100% at 0,78 min
Apex
%
Cafeína 50% at 0,76 min: 999,98
Cafeína 50% at 0,81 min: 1000,00
nm
11,1
10,0
9,0
8,0
7,0
6,0
5,0
4,0
3,0
2,0
1,0
0,0
-1,0
238,96
240,00
241,25
242,50
243,75
245,00
246,25
247,50
248,75
250,34

Chromatogram and Results

Injection Details

Injection Name:	**RELB 01**	*Run Time (min):*	**20,00**
Vial Number:	**GB2**	*Injection Volume:*	**20,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**250,0**
Instrument Method:	**RELB**	*Bandwidth:*	**1**
Processing Method:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 14:50**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

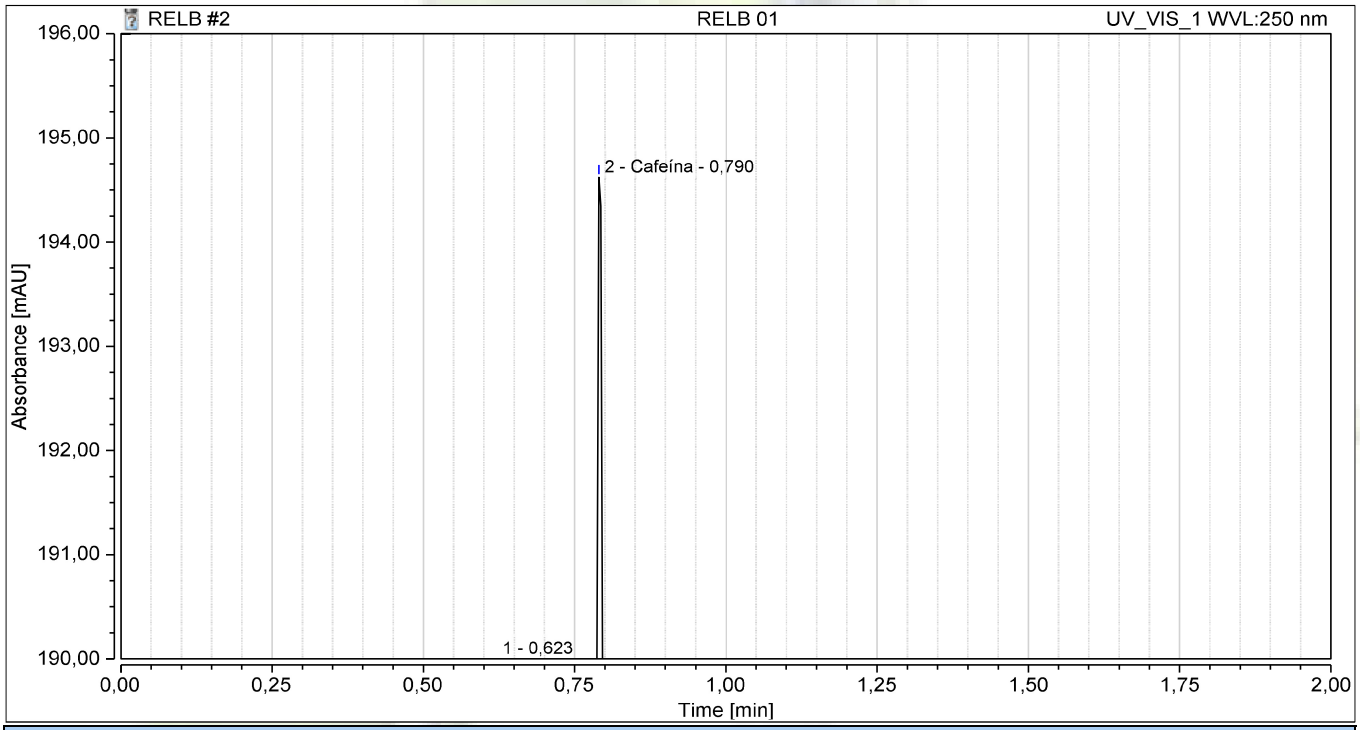
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1		0,623	0,010	0,367	0,09	0,19	n.a.
2	Cafeína	0,790	11,368	194,377	99,91	99,81	n.a.
Total:			**11,377**	**194,743**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**RELB 01**	*Run Time (min):*	**20,00**
Vial Number:	**GB2**	*Injection Volume:*	**20,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**250,0**
Instrument Method:	**RELB**	*Bandwidth:*	**1**
Processing Method:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 14:50**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

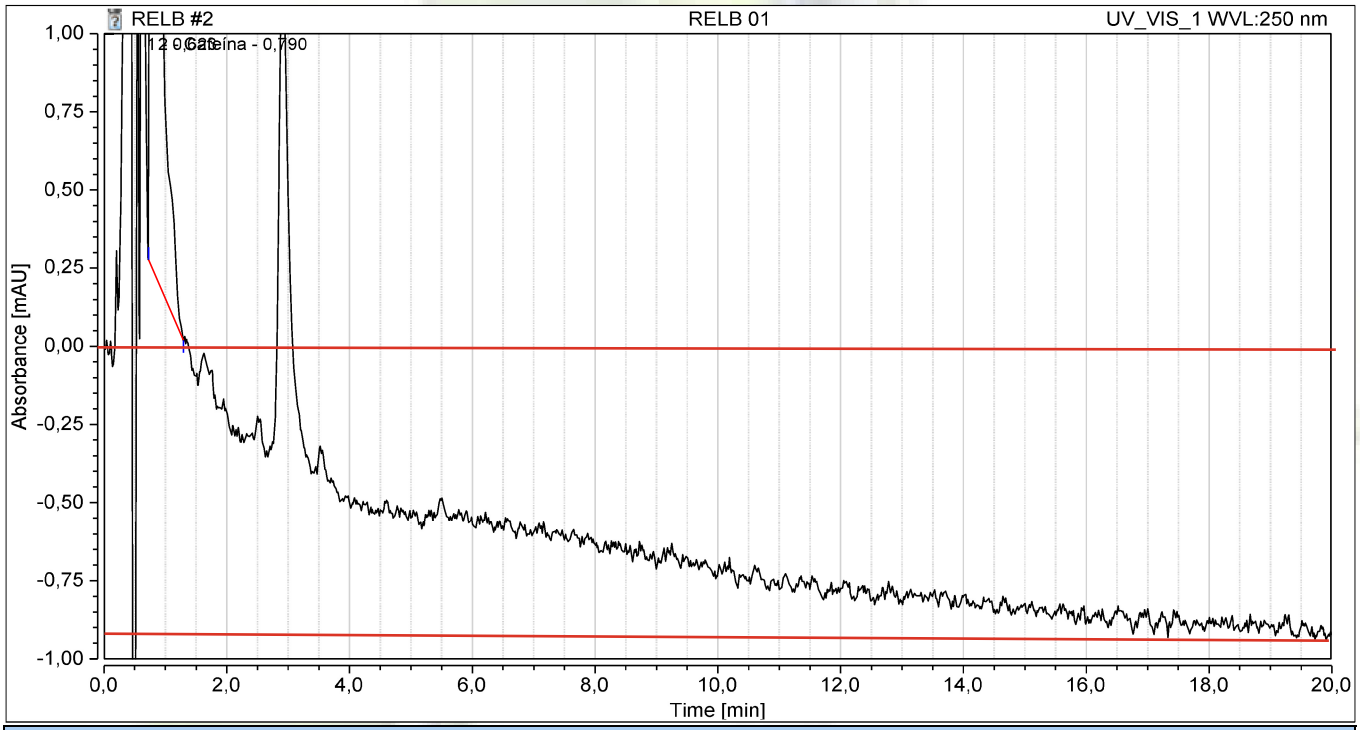
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1		0,623	0,010	0,367	0,09	0,19	n.a.
2	Cafeína	0,790	11,368	194,377	99,91	99,81	n.a.
Total:			**11,377**	**194,743**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**RELB 01**	*Run Time (min):*	**20,00**
Vial Number:	**GB2**	*Injection Volume:*	**20,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**250,0**
Instrument Method:	**RELB**	*Bandwidth:*	**1**
Processing Method:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 14:50**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

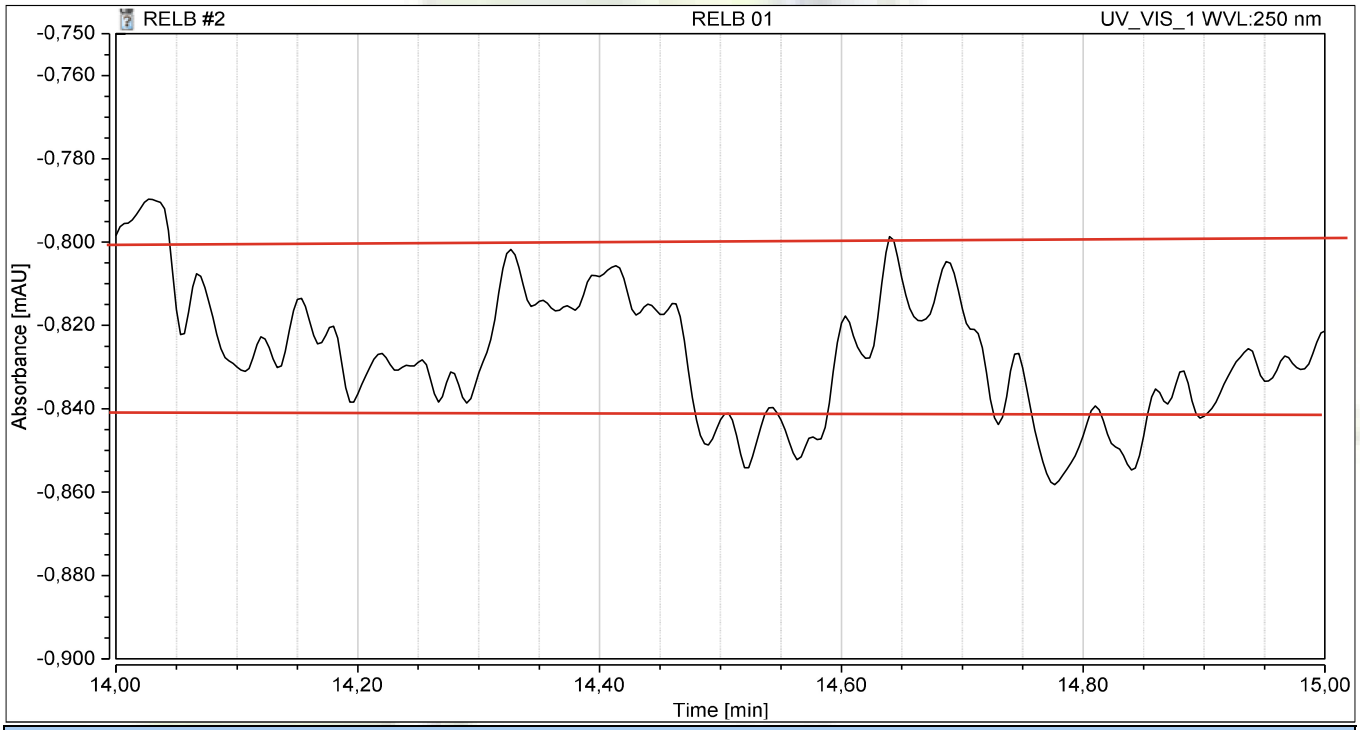
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1		0,623	0,010	0,367	0,09	0,19	n.a.
2	Cafeína	0,790	11,368	194,377	99,91	99,81	n.a.
Total:			**11,377**	**194,743**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**RELB 01**	*Run Time (min):*	**20,00**
Vial Number:	**GB2**	*Injection Volume:*	**20,00**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**250,0**
Instrument Method:	**RELB**	*Bandwidth:*	**1**
Processing Method:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 14:50**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

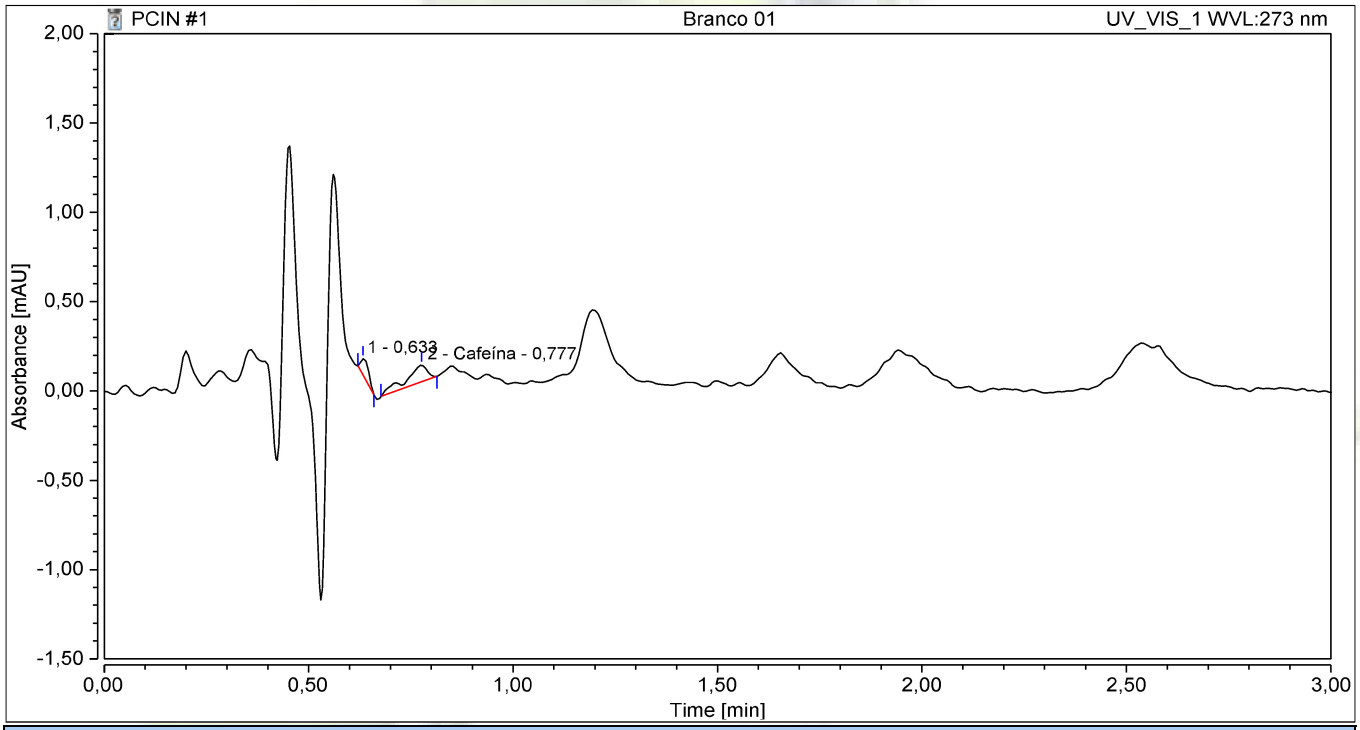
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1		0,623	0,010	0,367	0,09	0,19	n.a.
2	Cafeína	0,790	11,368	194,377	99,91	99,81	n.a.
Total:			**11,377**	**194,743**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**Branco 01**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 15:23**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

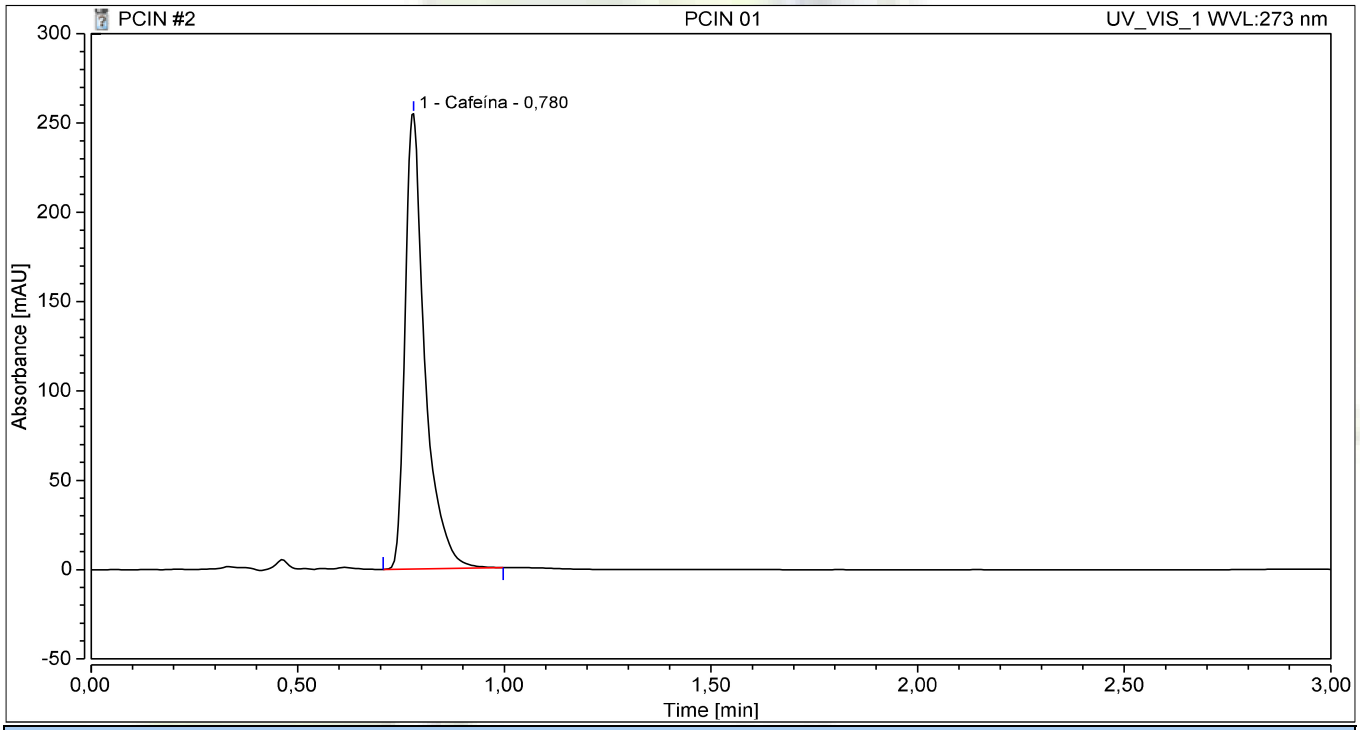
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1		0,633	0,002	0,094	27,49	50,02	n.a.
2	Cafeína	0,777	0,006	0,094	72,51	49,98	n.a.
Total:			**0,009**	**0,189**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**PCIN 01**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 15:27**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

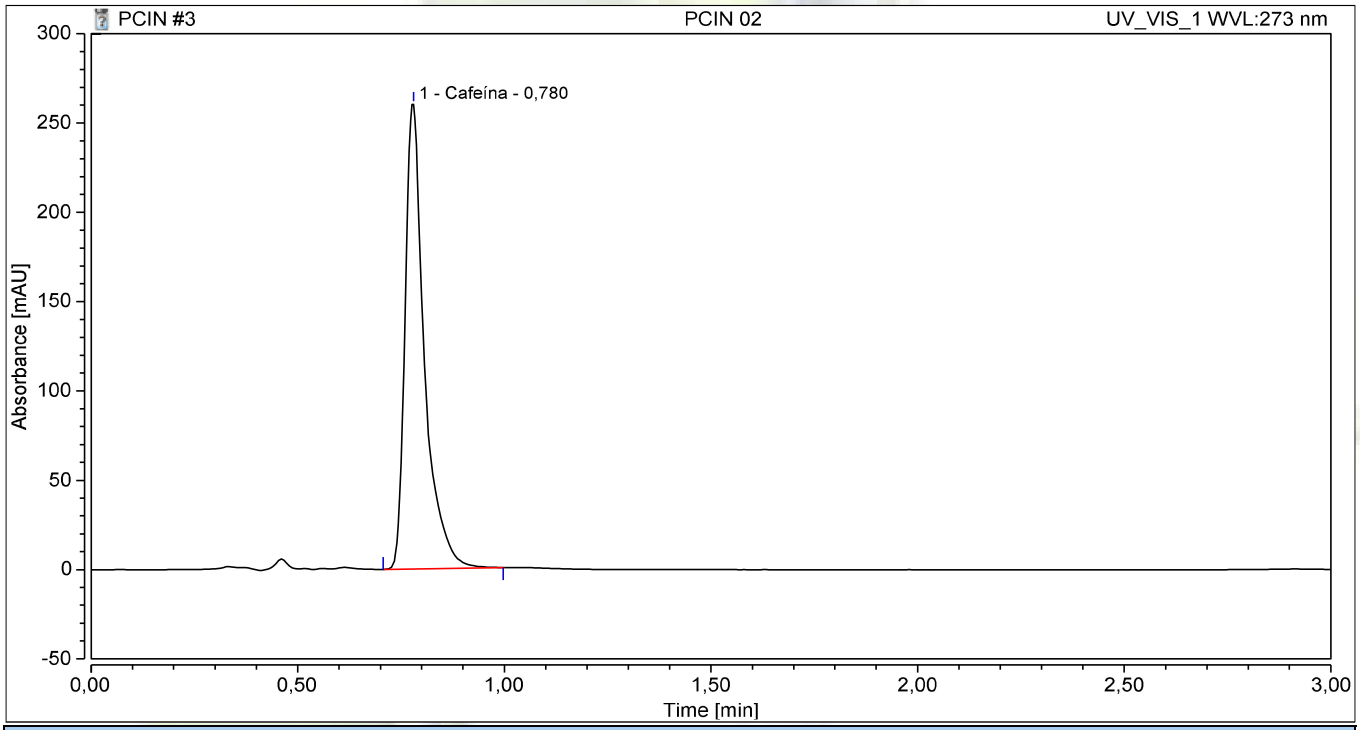
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,780	14,107	254,780	100,00	100,00	n.a.
Total:			**14,107**	**254,780**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**PCIN 02**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 15:31**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

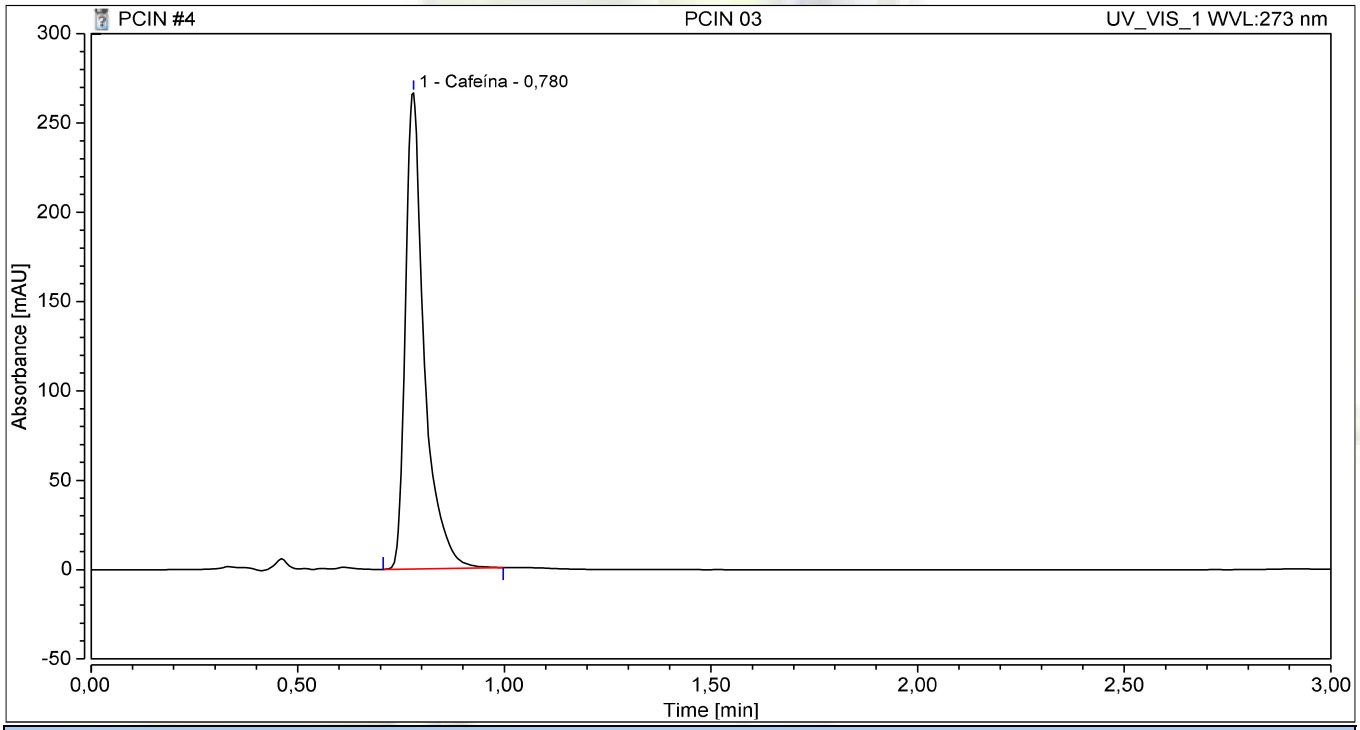
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,780	14,100	260,051	100,00	100,00	n.a.
Total:			**14,100**	**260,051**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**PCIN 03**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 15:35**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

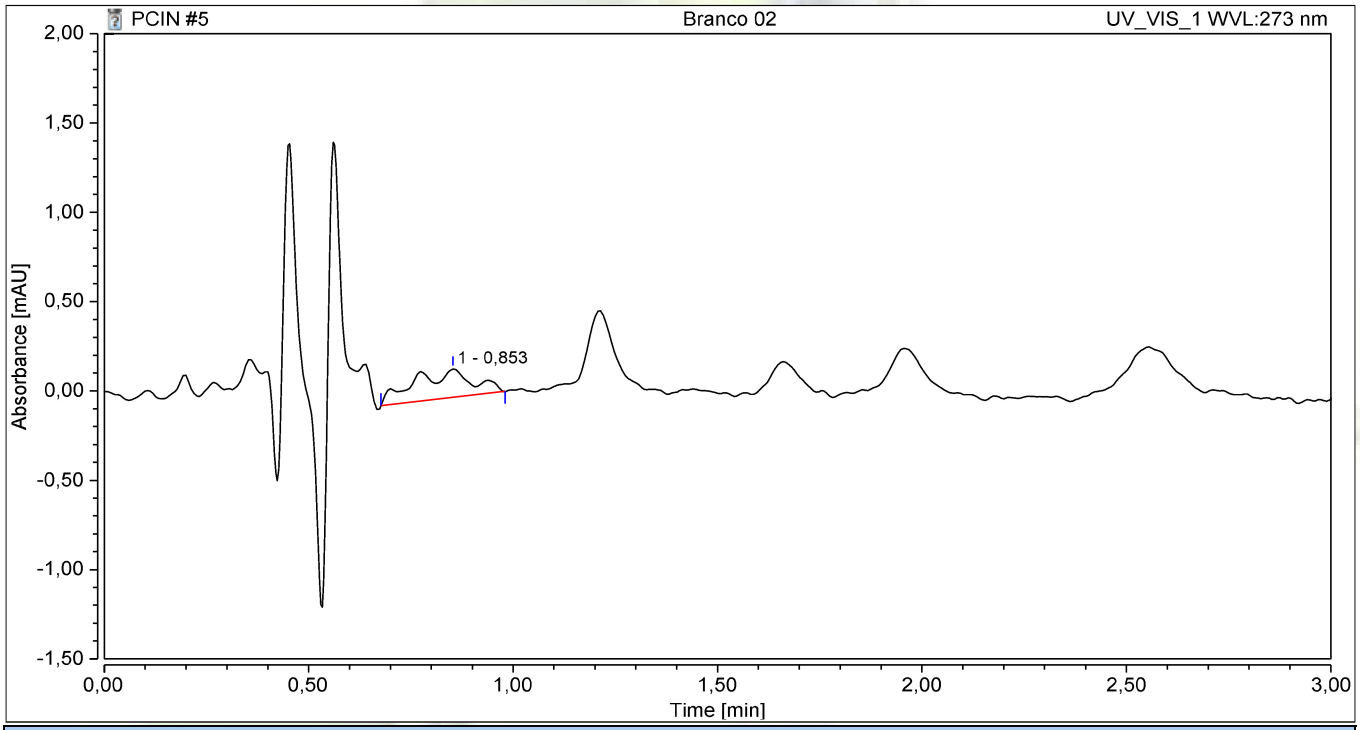
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,780	14,091	266,536	100,00	100,00	n.a.
Total:			**14,091**	**266,536**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**Branco 02**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 15:39**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

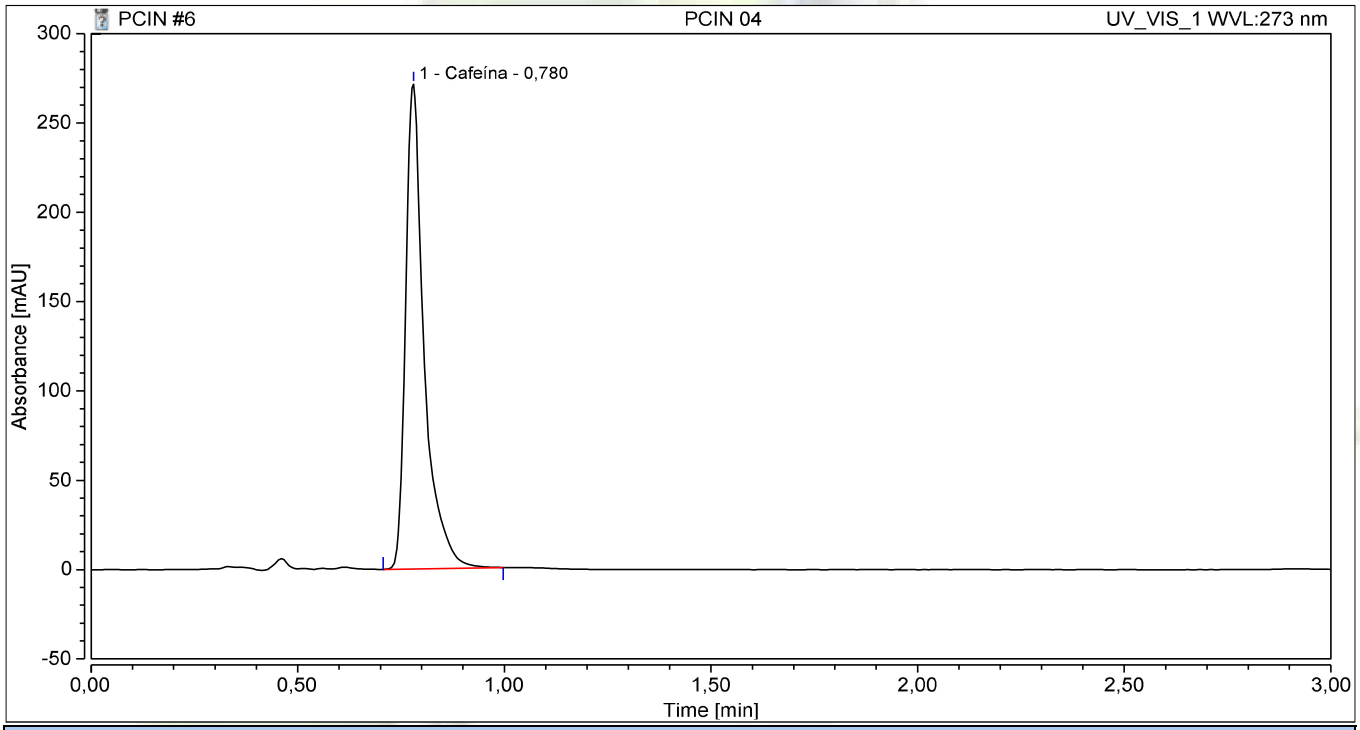
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Cafeína	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
1		0,853	0,027	0,160	100,00	100,00	n.a.
Total:			**0,027**	**0,160**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**PCIN 04**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 15:44**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

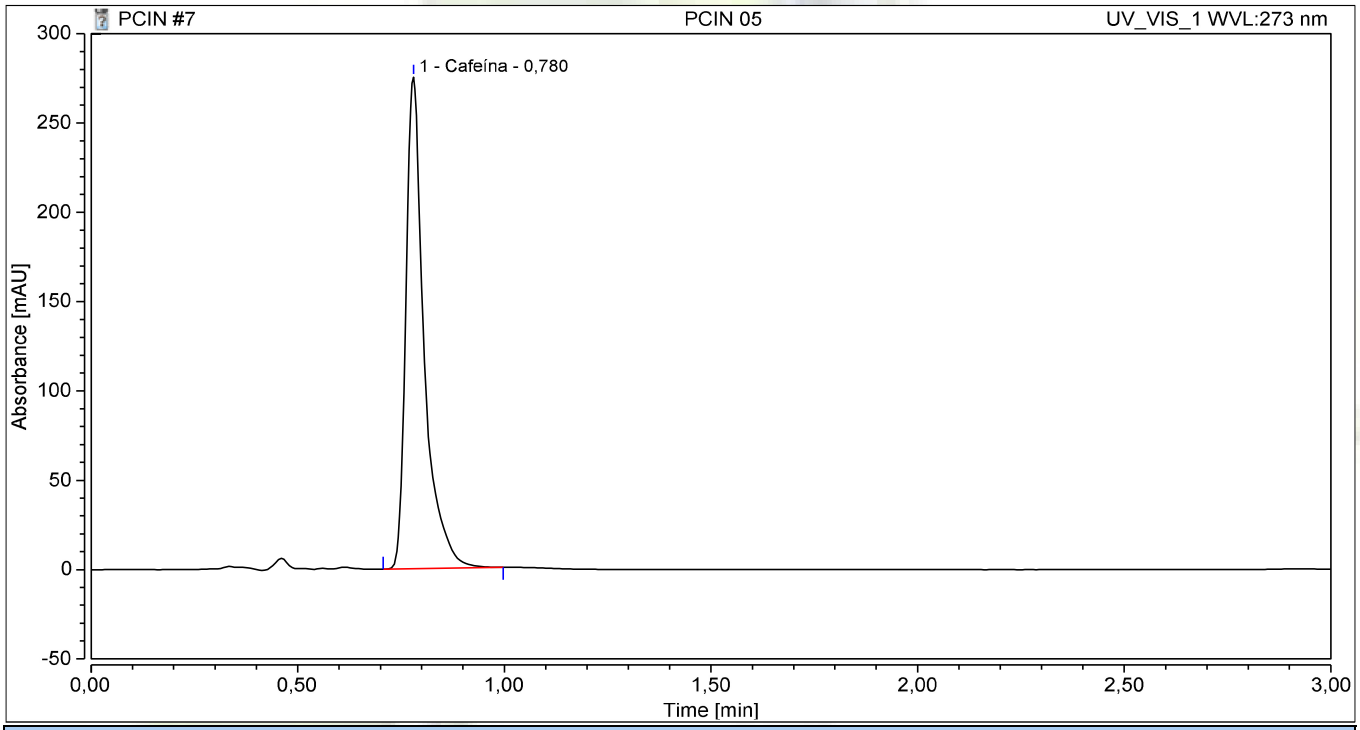
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,780	14,092	271,288	100,00	100,00	n.a.
Total:			**14,092**	**271,288**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**PCIN 05**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 15:48**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

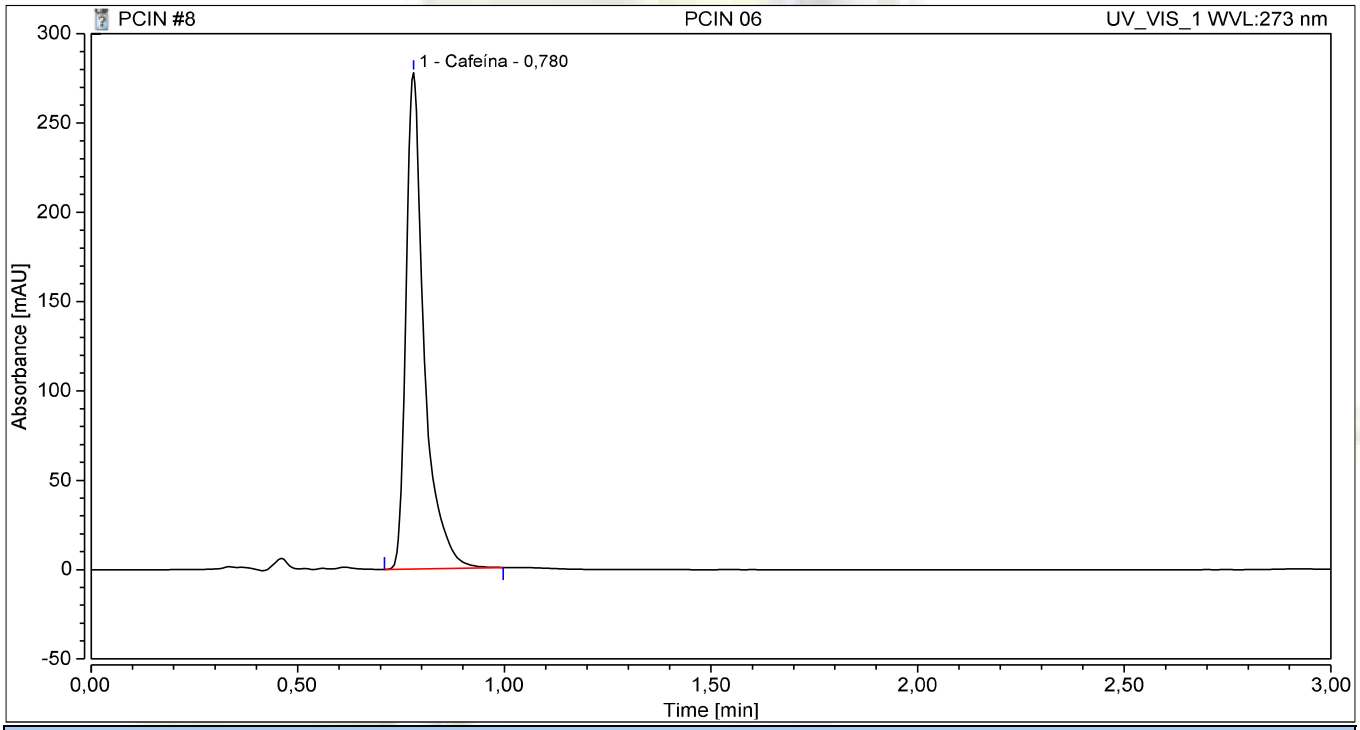
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,780	14,107	275,263	100,00	100,00	n.a.
Total:			**14,107**	**275,263**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**PCIN 06**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 15:52**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

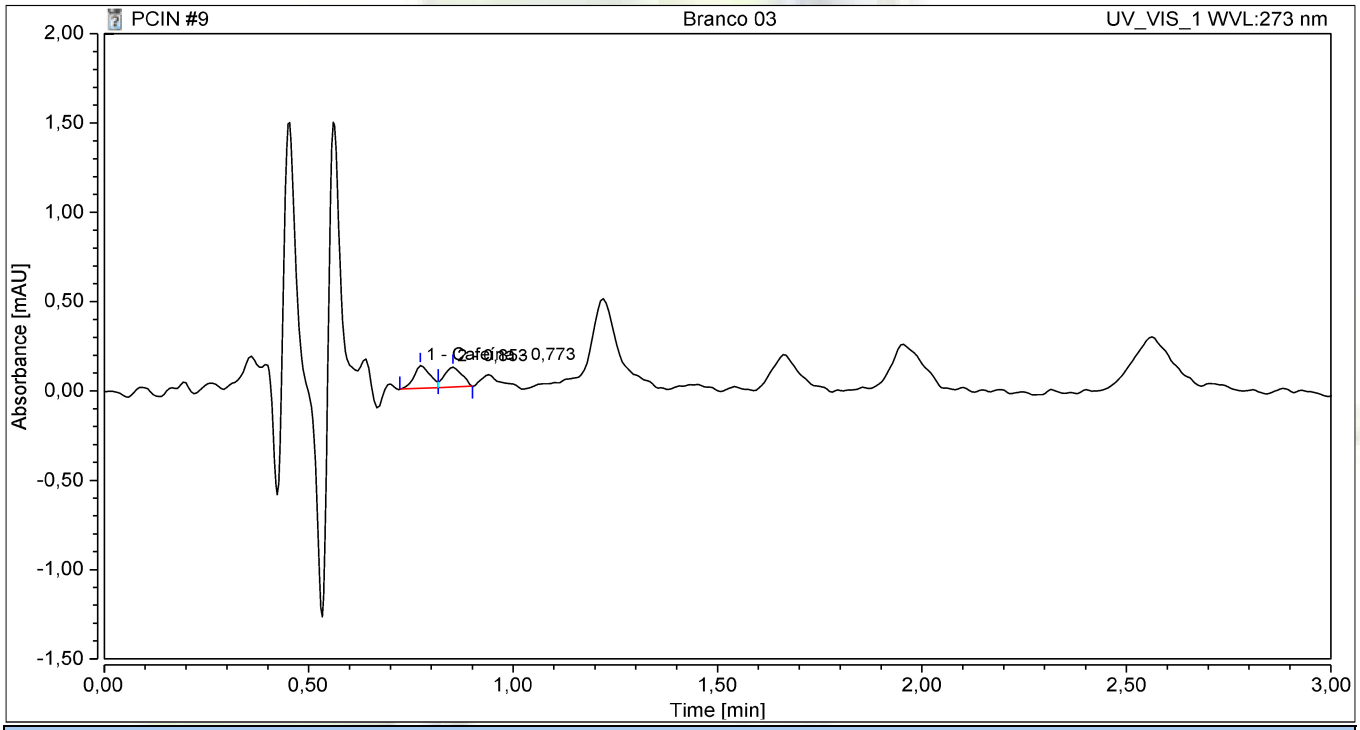
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,780	14,126	277,808	100,00	100,00	n.a.
Total:			**14,126**	**277,808**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**Branco 03**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 15:56**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

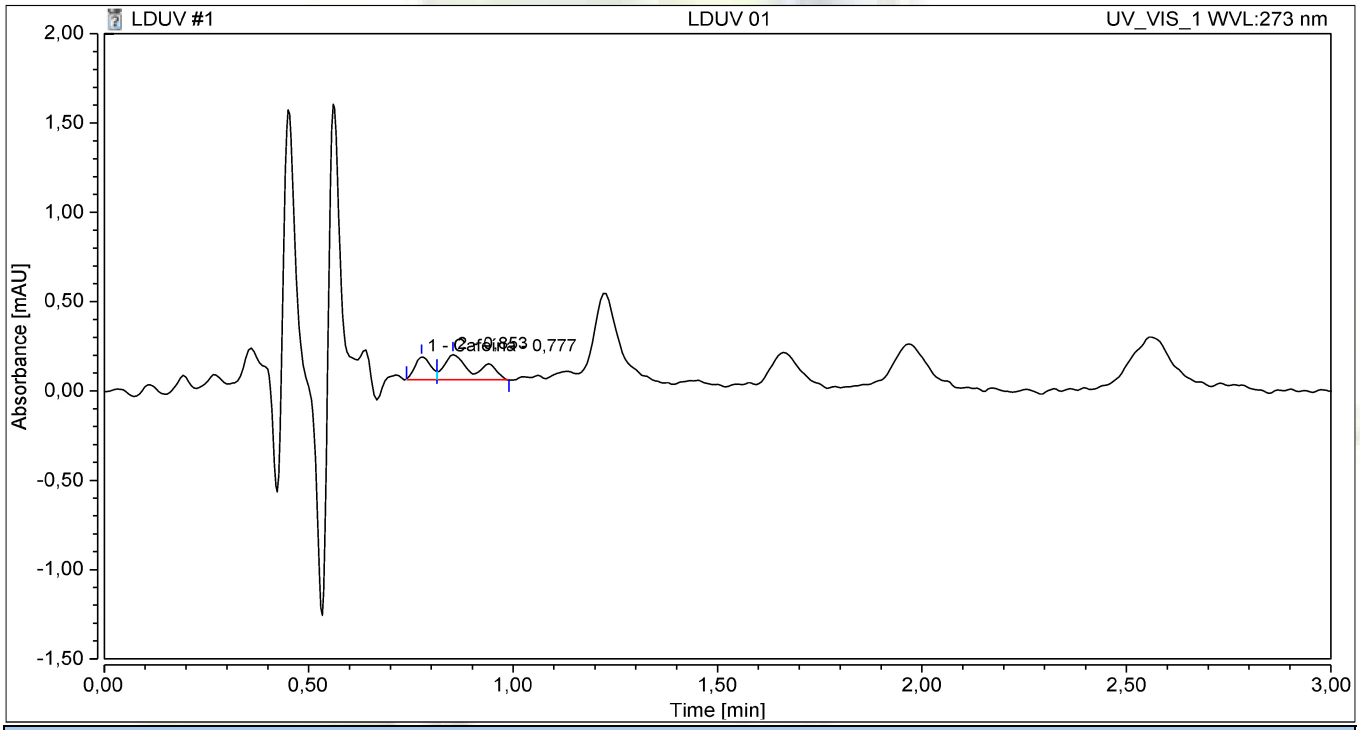
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,773	0,006	0,128	51,17	53,15	n.a.
2		0,853	0,006	0,113	48,83	46,85	n.a.
Total:			**0,012**	**0,241**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LDUV 01**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 16:11**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

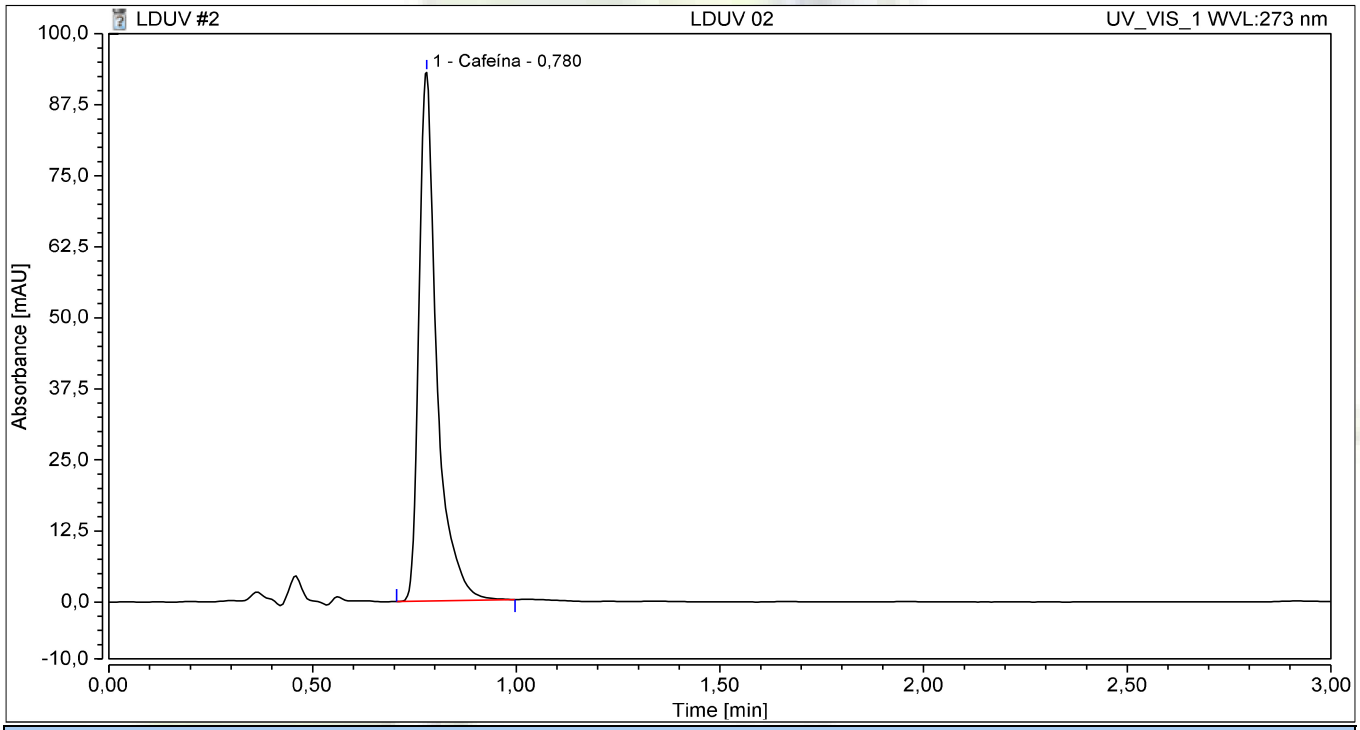
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,777	0,006	0,127	32,16	47,61	n.a.
2		0,853	0,012	0,140	67,84	52,39	n.a.
Total:			**0,018**	**0,268**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LDUV 02**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 16:15**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

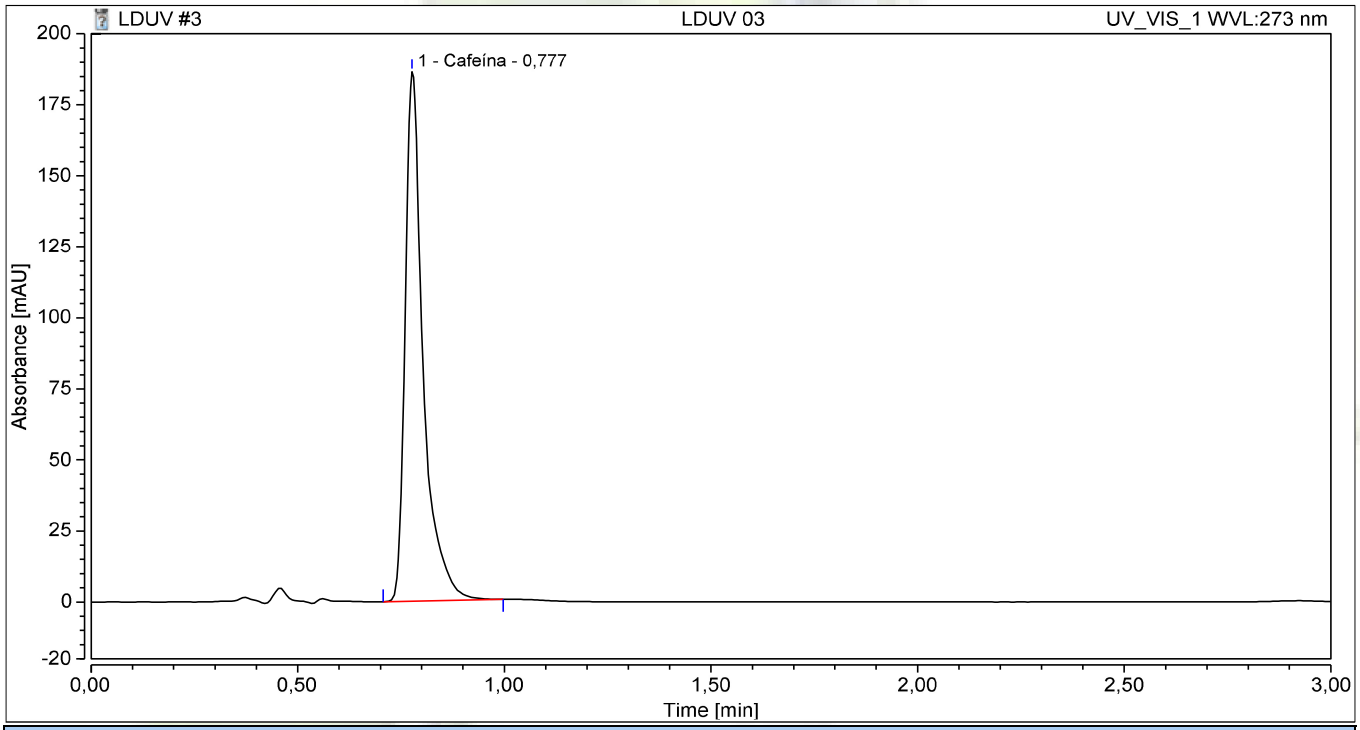
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,780	4,730	93,032	100,00	100,00	n.a.
Total:			**4,730**	**93,032**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LDUV 03**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 16:20**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

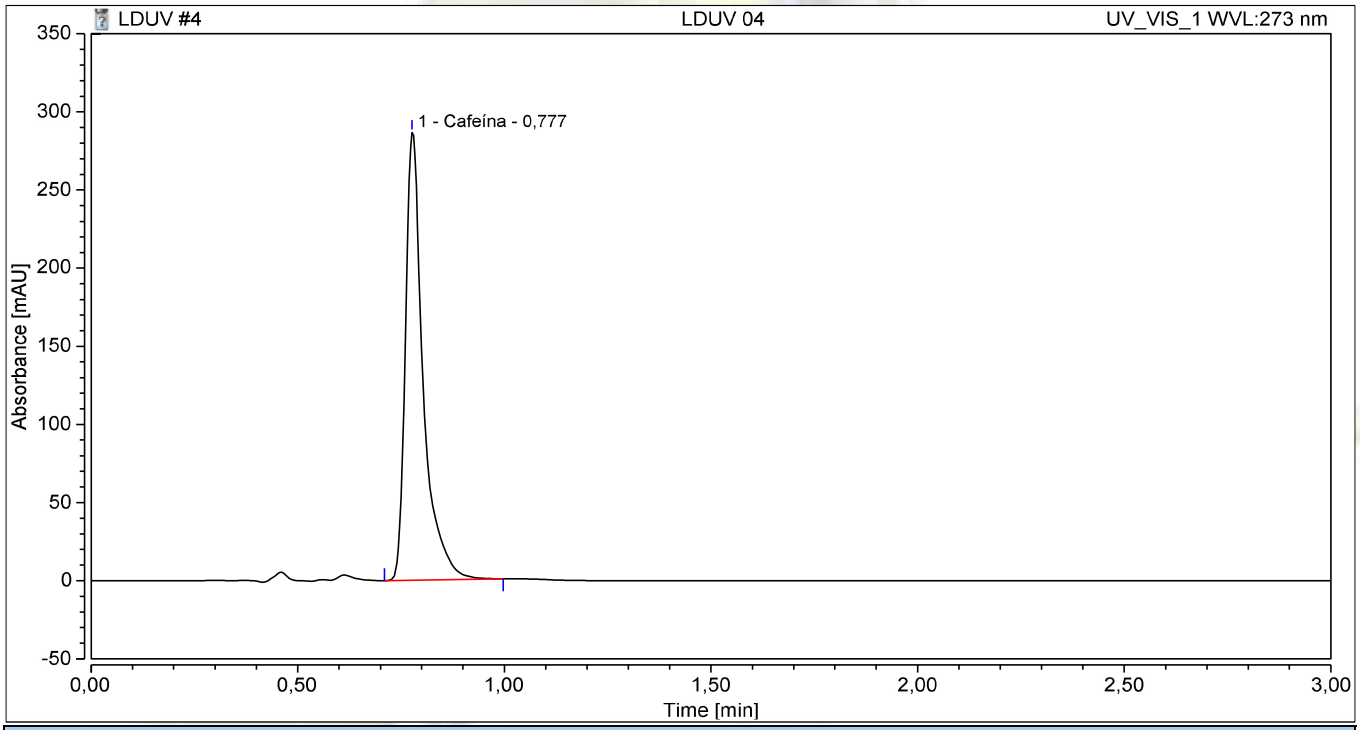
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,777	9,388	186,267	100,00	100,00	n.a.
Total:			**9,388**	**186,267**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LDUV 04**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 16:24**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

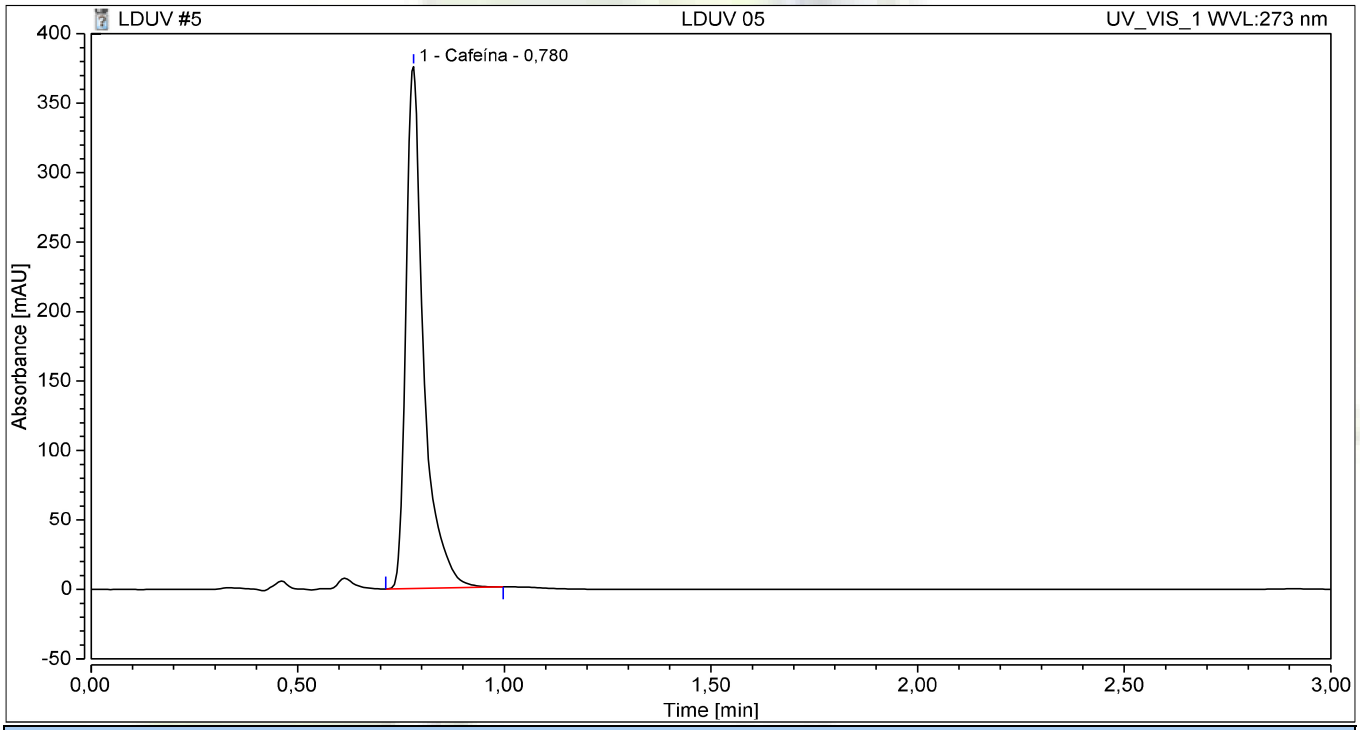
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,777	14,234	286,500	100,00	100,00	n.a.
Total:			**14,234**	**286,500**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LDUV 05**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 16:28**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

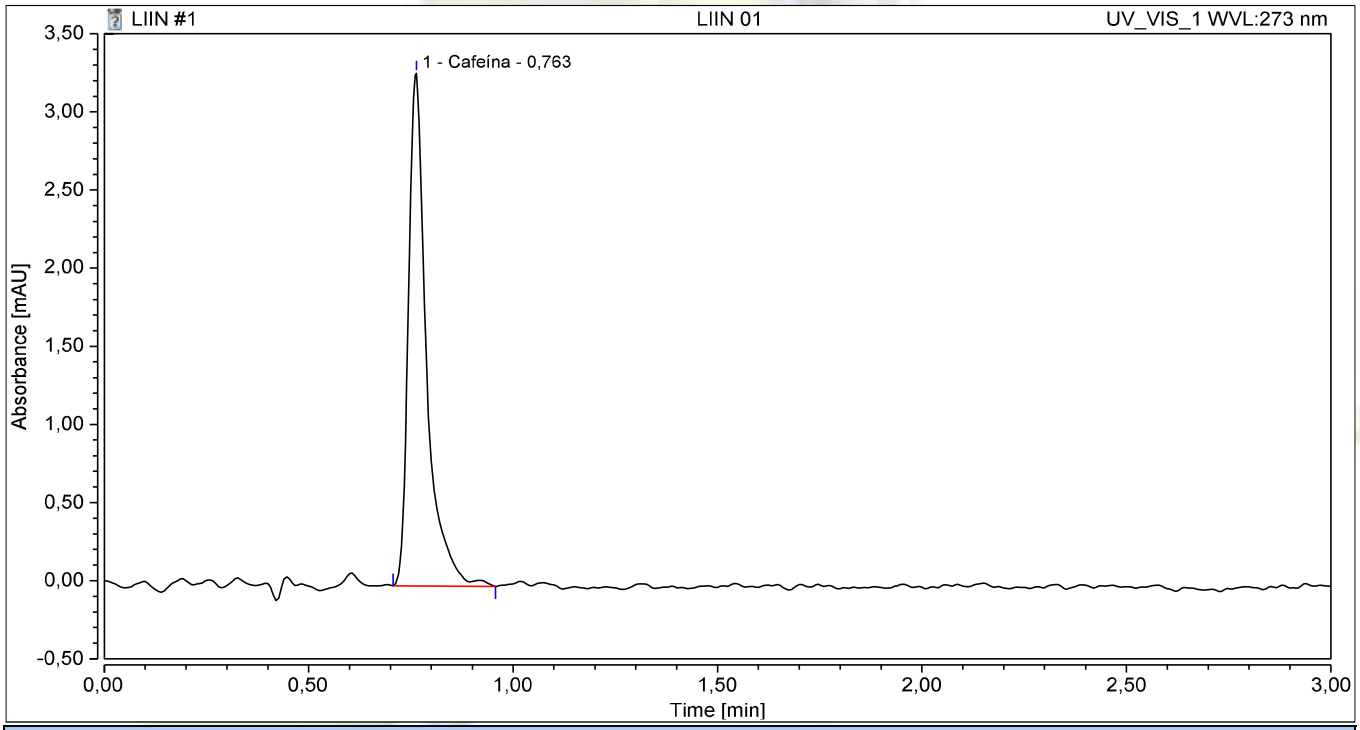
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,780	18,717	375,687	100,00	100,00	n.a.
Total:			**18,717**	**375,687**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LIIN 01**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 16:37**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

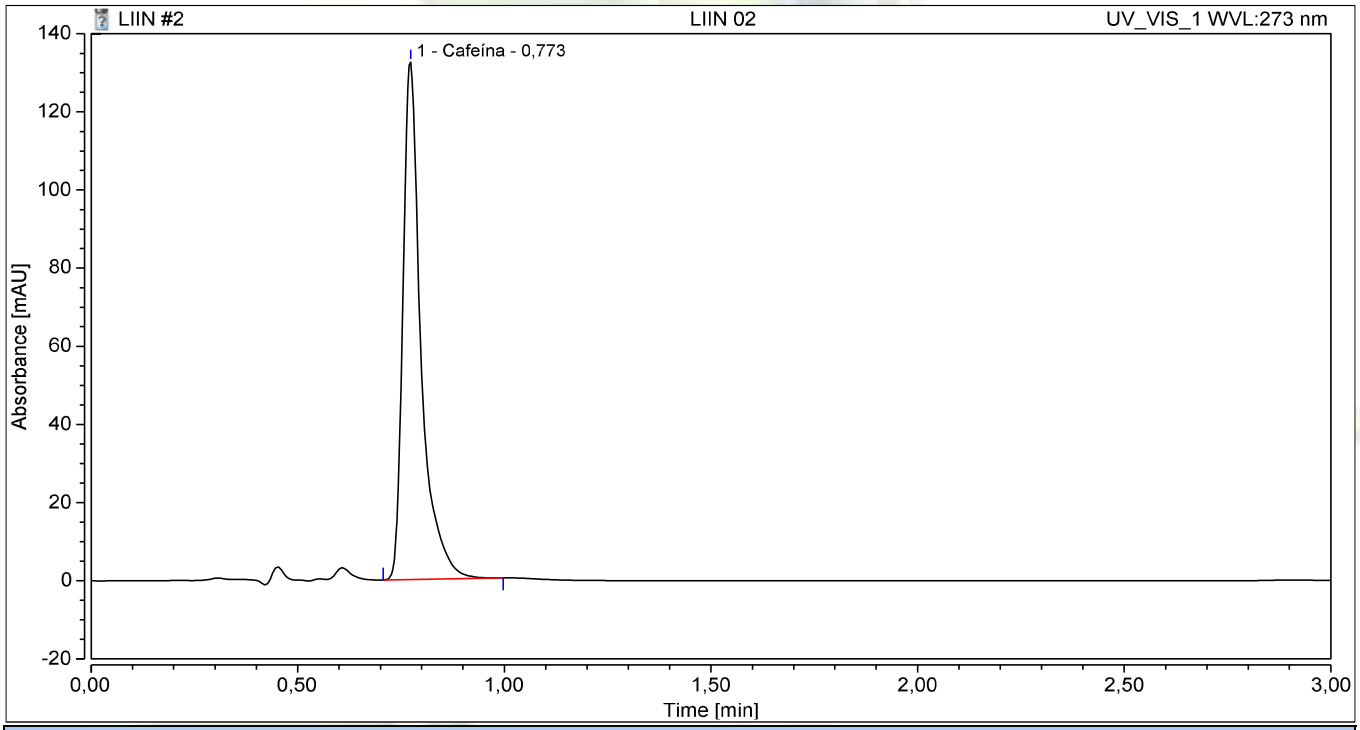
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,763	0,169	3,282	100,00	100,00	n.a.
Total:			**0,169**	**3,282**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LIIN 02**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 16:41**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

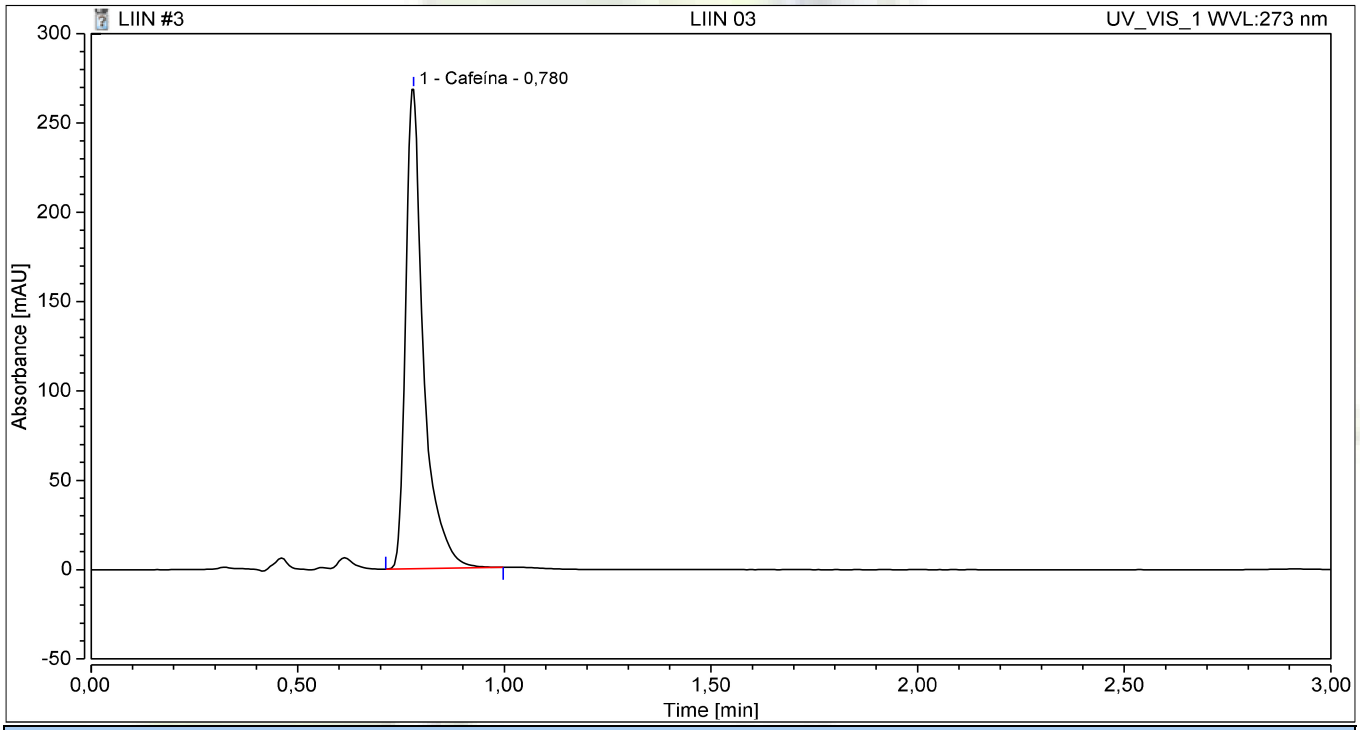
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,773	6,708	132,442	100,00	100,00	n.a.
Total:			**6,708**	**132,442**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LIIN 03**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 16:46**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

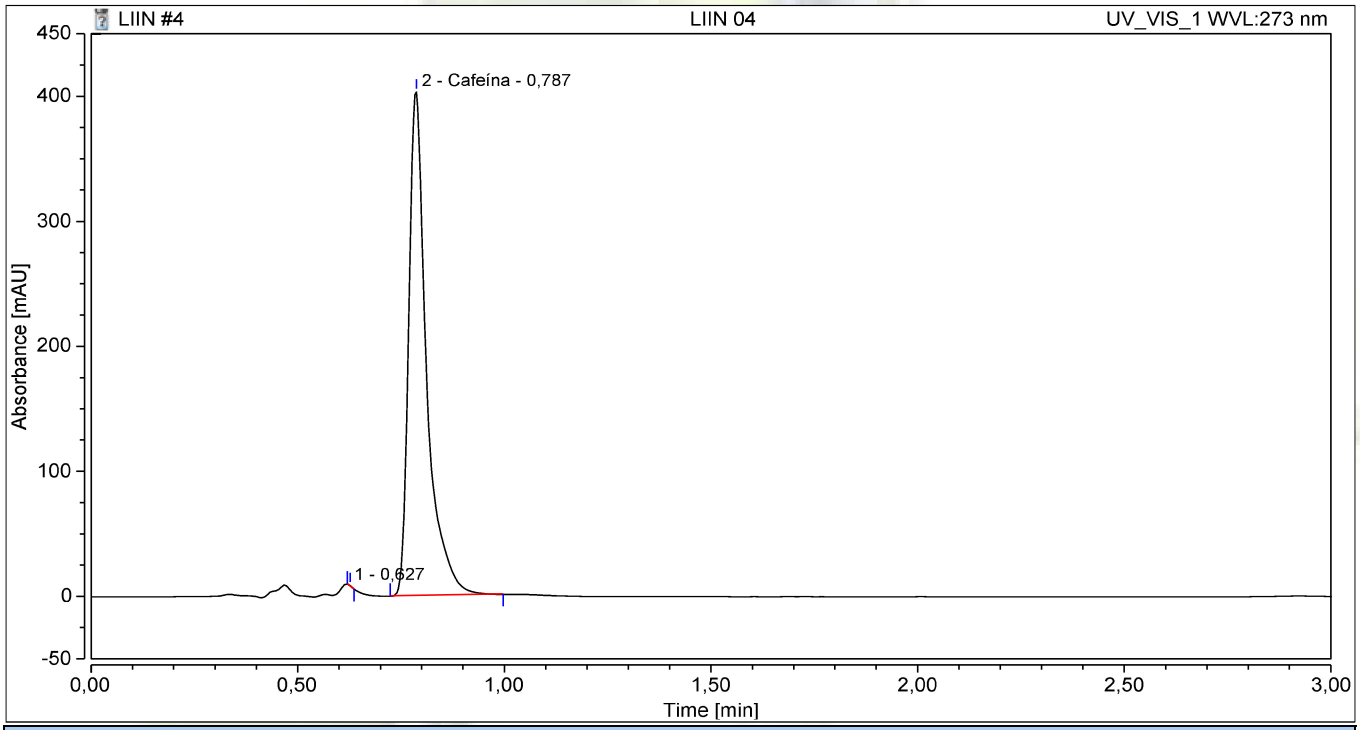
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	Cafeína	0,780	13,452	268,395	100,00	100,00	n.a.
Total:			**13,452**	**268,395**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LIIN 04**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 16:50**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

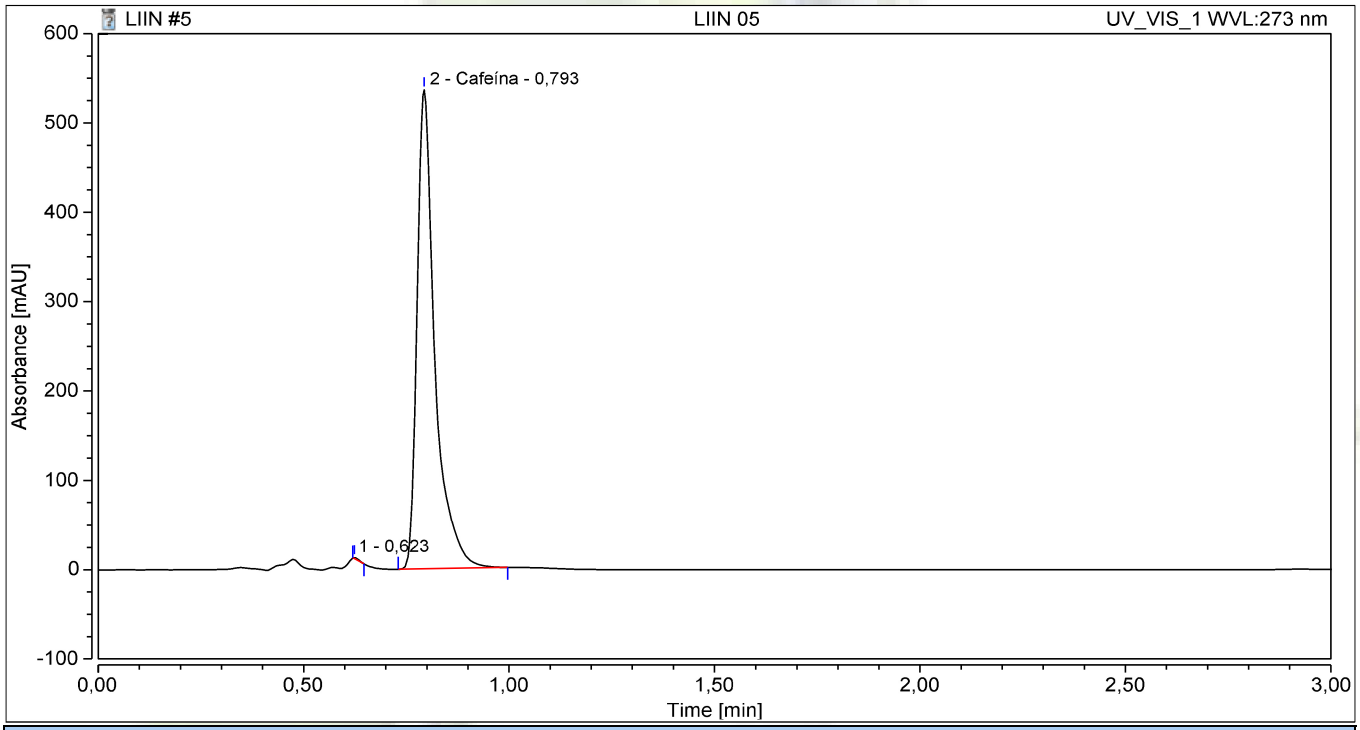
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1		0,627	0,004	0,403	0,02	0,10	n.a.
2	Cafeína	0,787	20,203	403,054	99,98	99,90	n.a.
Total:			**20,207**	**403,456**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**LIIN 05**	*Run Time (min):*	**3,00**
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:	**Reprocesso Cafeína**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 16:54**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

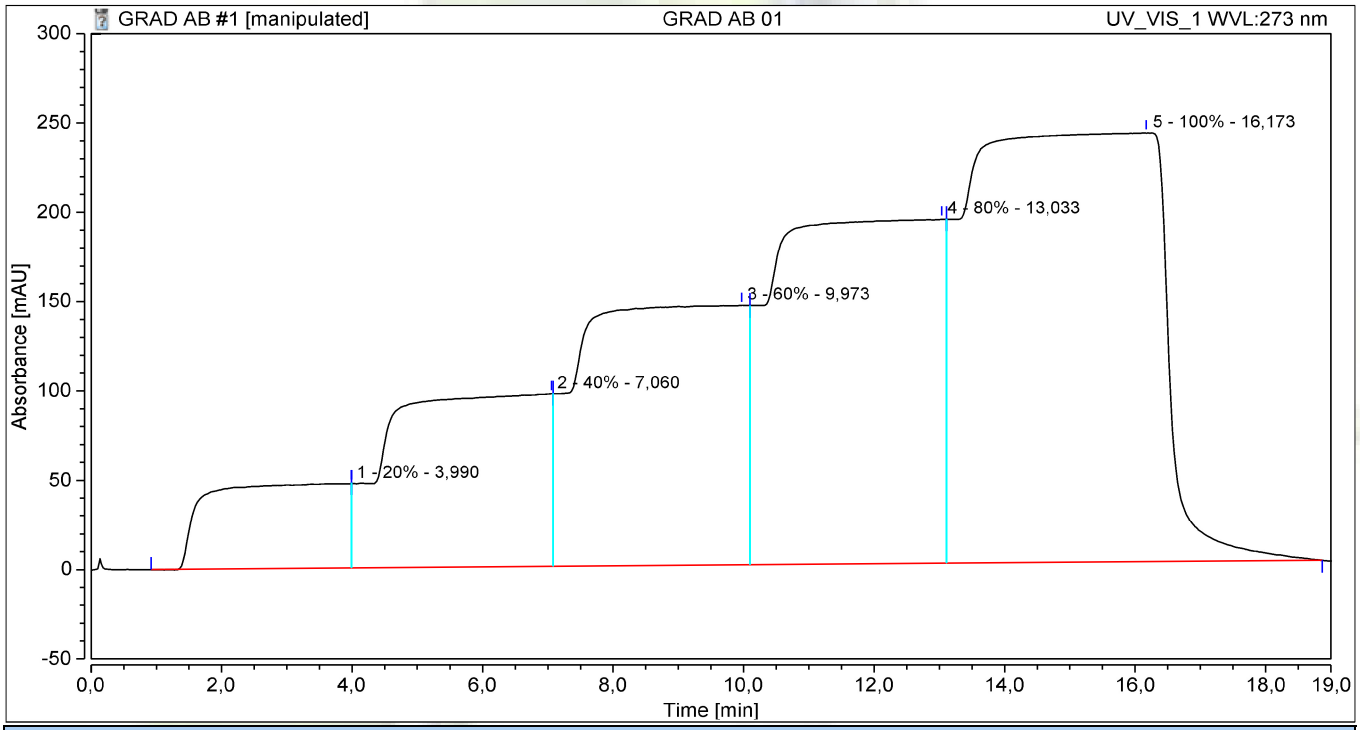
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1		0,623	0,026	1,199	0,09	0,22	n.a.
2	Cafeína	0,793	26,905	536,416	99,91	99,78	n.a.
Total:			**26,930**	**537,616**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**GRAD AB 01**	*Run Time (min):*	**19,00**
Vial Number:	**GA4**	*Injection Volume:*	**0,10**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273,0**
Instrument Method:	**GRAD AB**	*Bandwidth:*	**1**
Processing Method:	**GRAD**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 17:43**	*Sample Weight:*	**1,0000**

Chromatogram



Integration Results

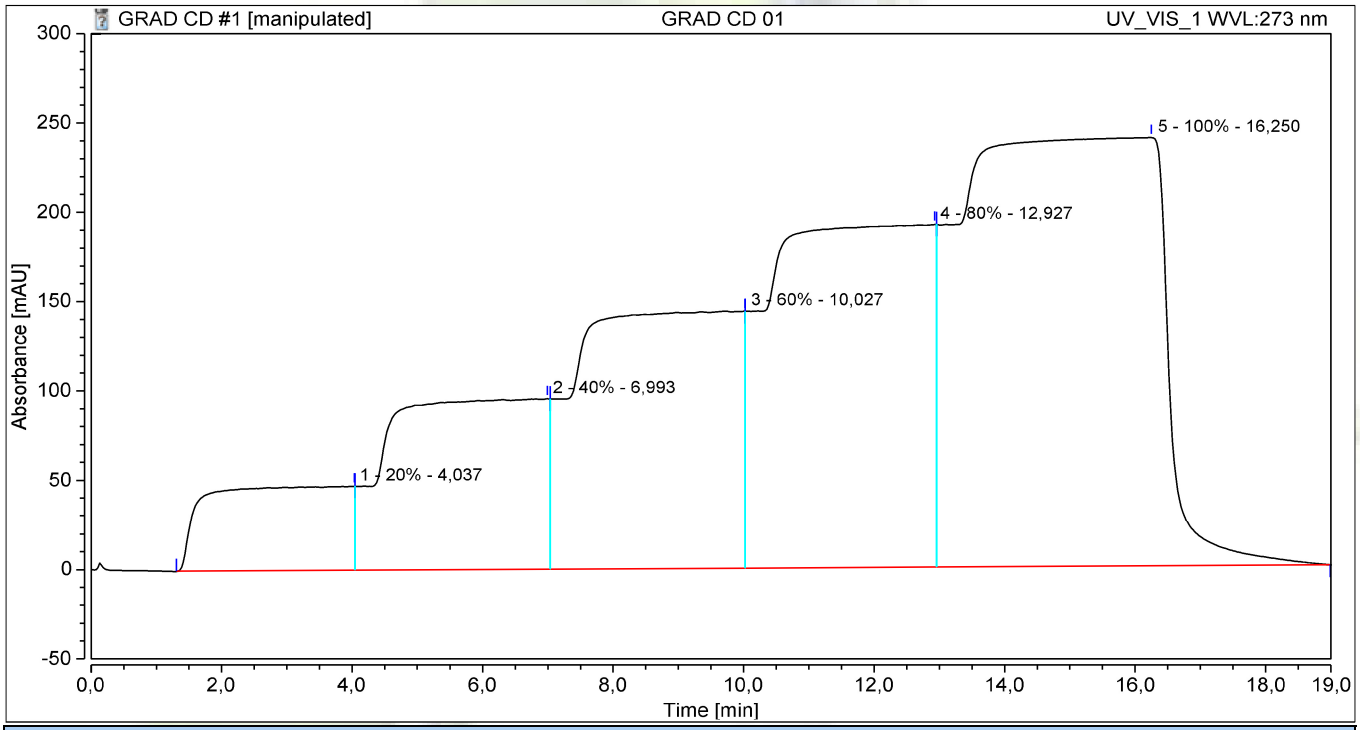
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	20%	3,990	114,367	47,715	5,27	6,60	n.a.
2	40%	7,060	267,653	96,880	12,34	13,40	n.a.
3	60%	9,973	414,095	145,310	19,09	20,10	n.a.
4	80%	13,033	558,440	192,952	25,75	26,68	n.a.
5	100%	16,173	814,315	240,244	37,55	33,22	n.a.
Total:			**2168,870**	**723,101**	**100,00**	**100,00**	

Chromatogram and Results

Injection Details

Injection Name:	**GRAD CD 01**	*Run Time (min):*	**19,00**
Vial Number:	**GA4**	*Injection Volume:*	**0,10**
Injection Type:	**Unknown**	*Channel:*	**UV_VIS_1**
Calibration Level:		*Wavelength:*	**273,0**
Instrument Method:	**GRAD CD**	*Bandwidth:*	**1**
Processing Method:	**GRAD**	*Dilution Factor:*	**1,0000**
Injection Date/Time:	**14/jan/25 18:43**	*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%	4,037	117,266	47,325	5,43	6,58	n.a.
2	40%	6,993	259,553	95,665	12,03	13,30	n.a.
3	60%	10,027	403,878	143,915	18,72	20,01	n.a.
4	80%	12,927	536,137	192,174	24,85	26,73	n.a.
5	100%	16,250	841,013	239,990	38,97	33,38	n.a.
Total:			**2157,846**	**719,069**	**100,00**	**100,00**	