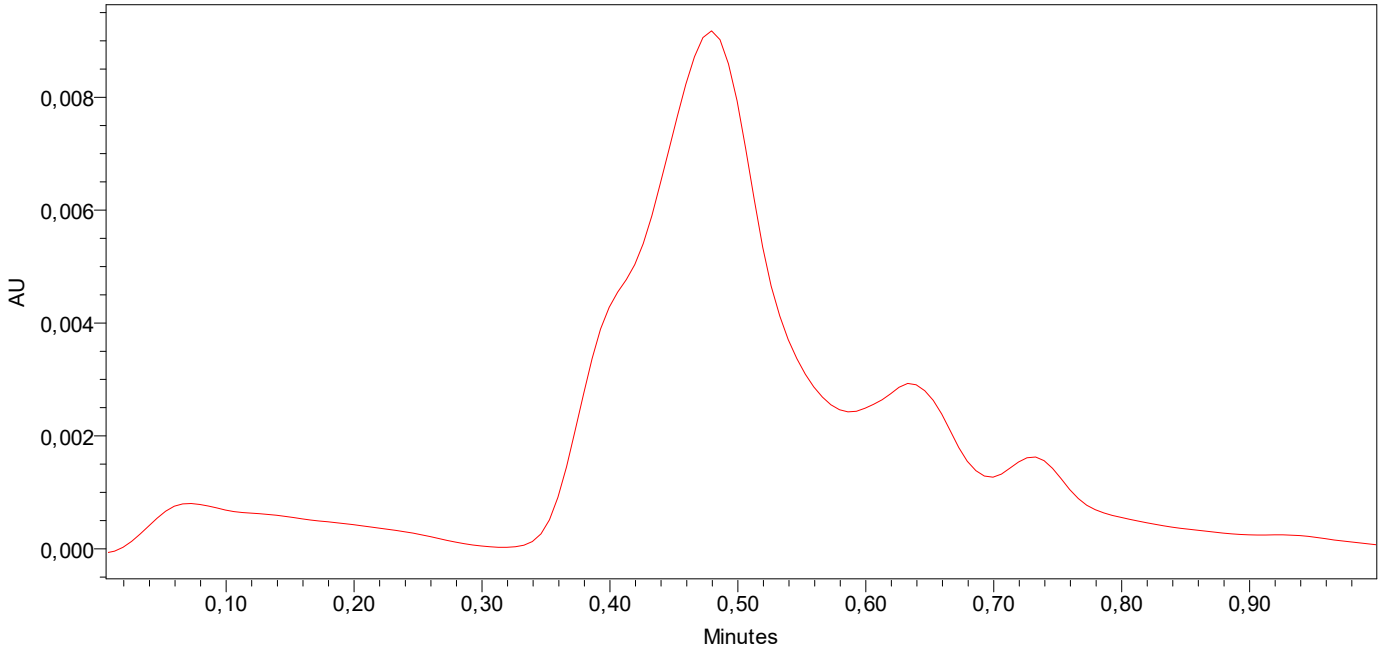
SAMPLE INFORMATION

Sample Name:	PCIN-Branco 1	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_PCIN
Vial:	1	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 11:42:55 -03		
Date Processed:	26/02/2026 12:04:17 -03		

Auto-Scaled Chromatogram



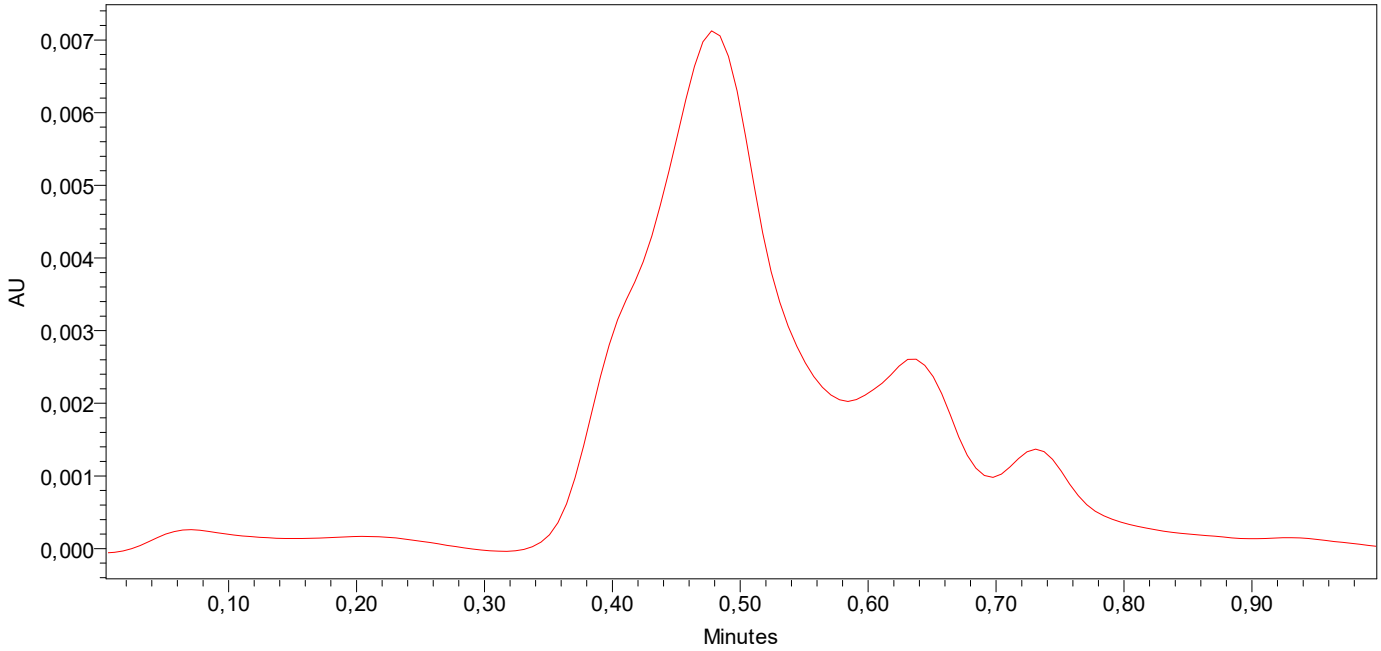
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,680				

SAMPLE INFORMATION

Sample Name:	PCIN -Branco 2	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_PCIN
Vial:	1	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 11:49:45 -03		
Date Processed:	26/02/2026 12:05:29 -03		

Auto-Scaled Chromatogram



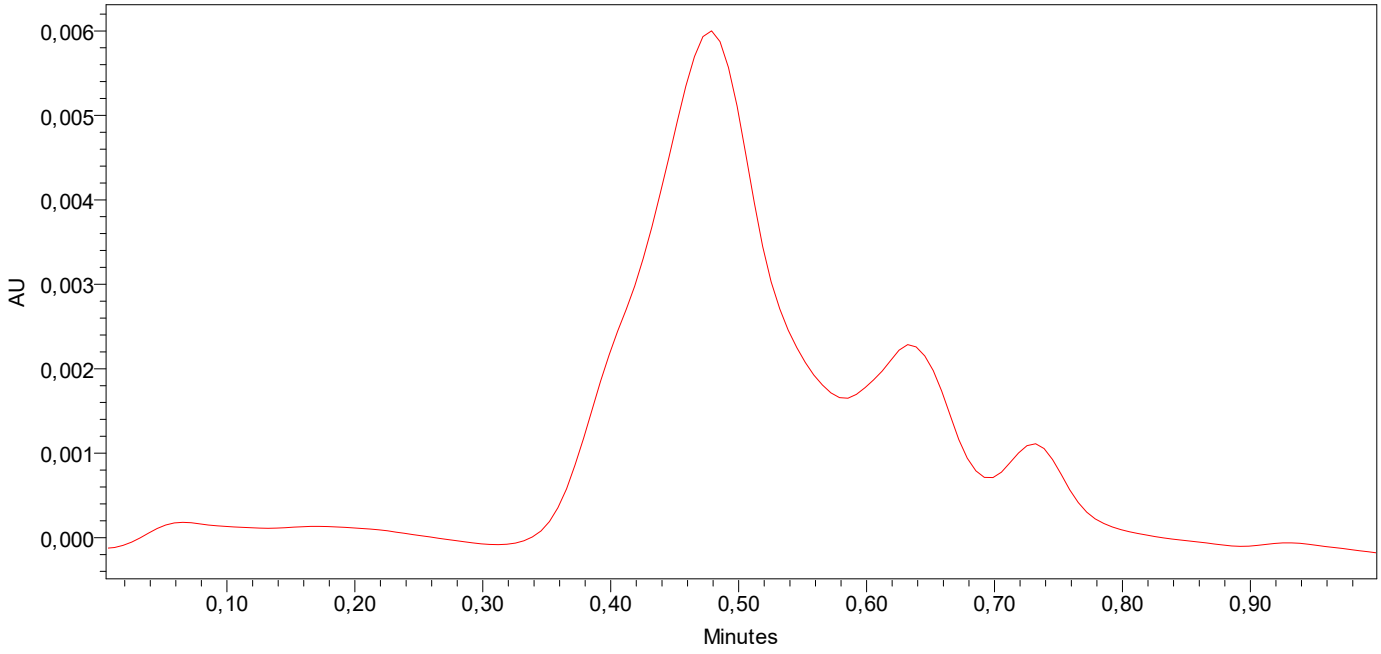
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,680				

SAMPLE INFORMATION

Sample Name:	PCIN - Branco 3	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_PCIN
Vial:	1	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 12:00:05 -03		
Date Processed:	26/02/2026 12:06:31 -03		

Auto-Scaled Chromatogram



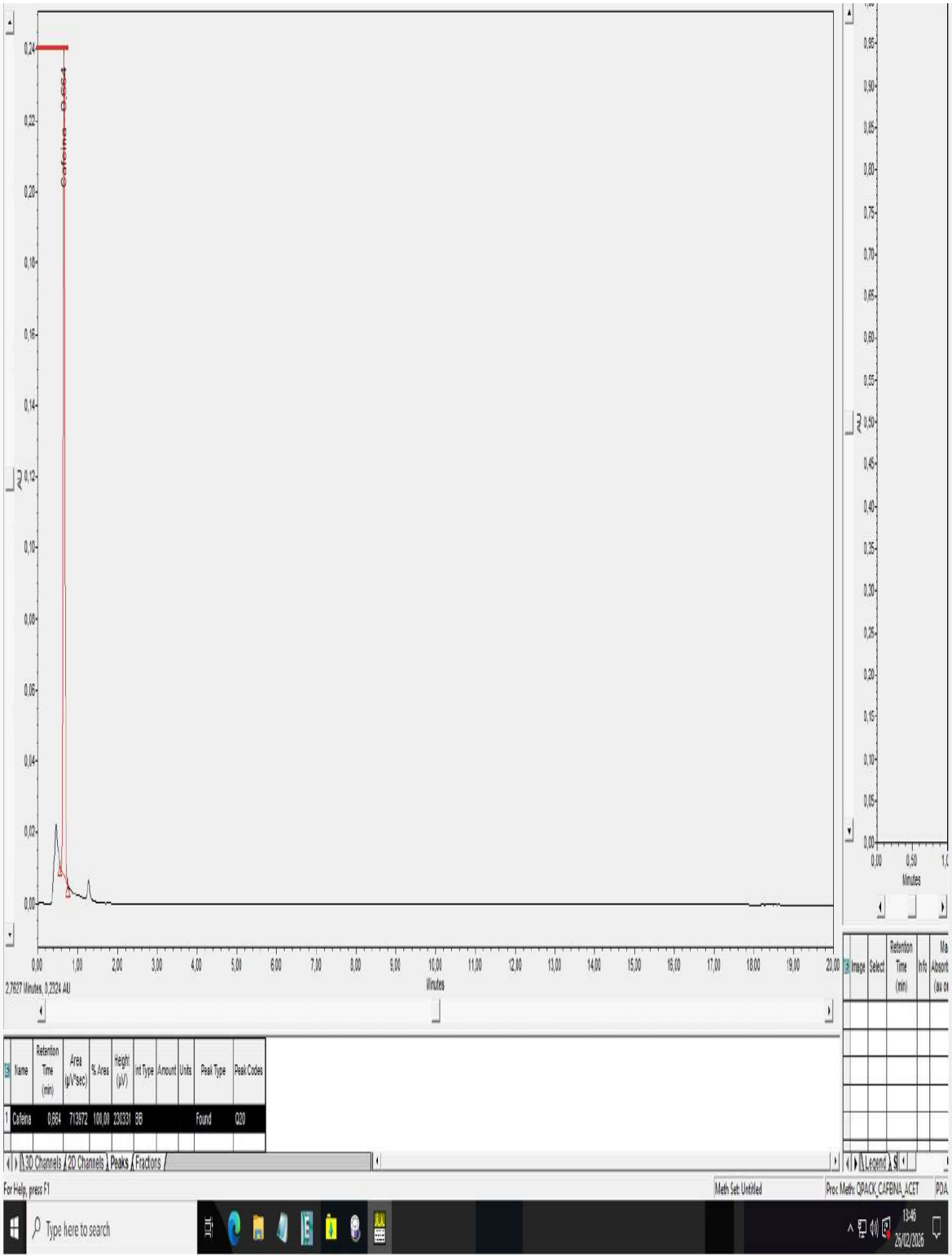
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,680				

Certificado Nº: 098/26 - RELB	Início da Qualificação: 25/02/2026	Página 1 de 3	

Resultado obtido na altura do pico

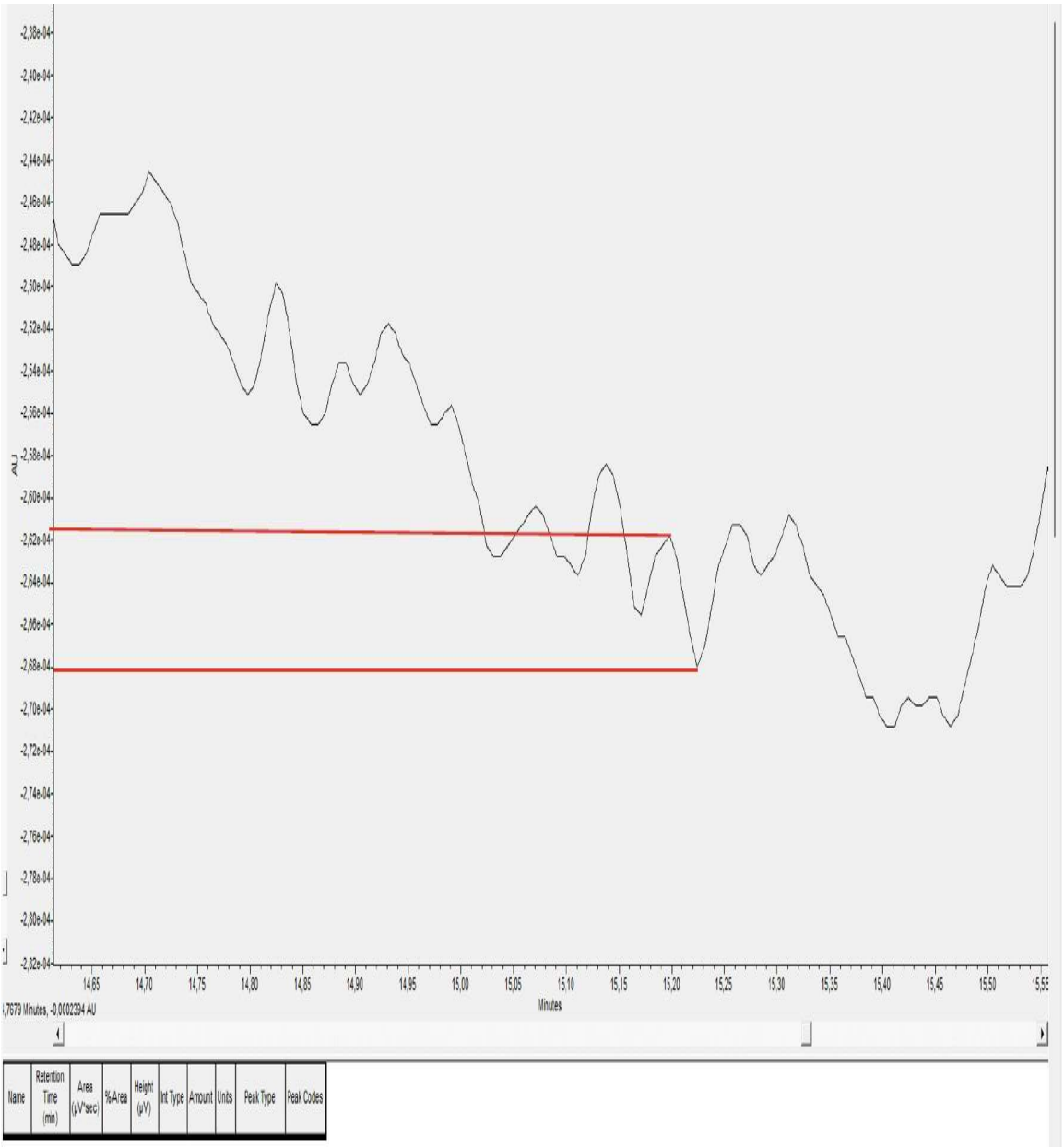
	ALTURA DO PICO (mAU)
Resultado:	**240,0000**



Certificado Nº:098/26 - RELB	Início da Qualificação: 25/02/2026	Página 2 de 3

Resultado obtido no teste de sinal/ruído

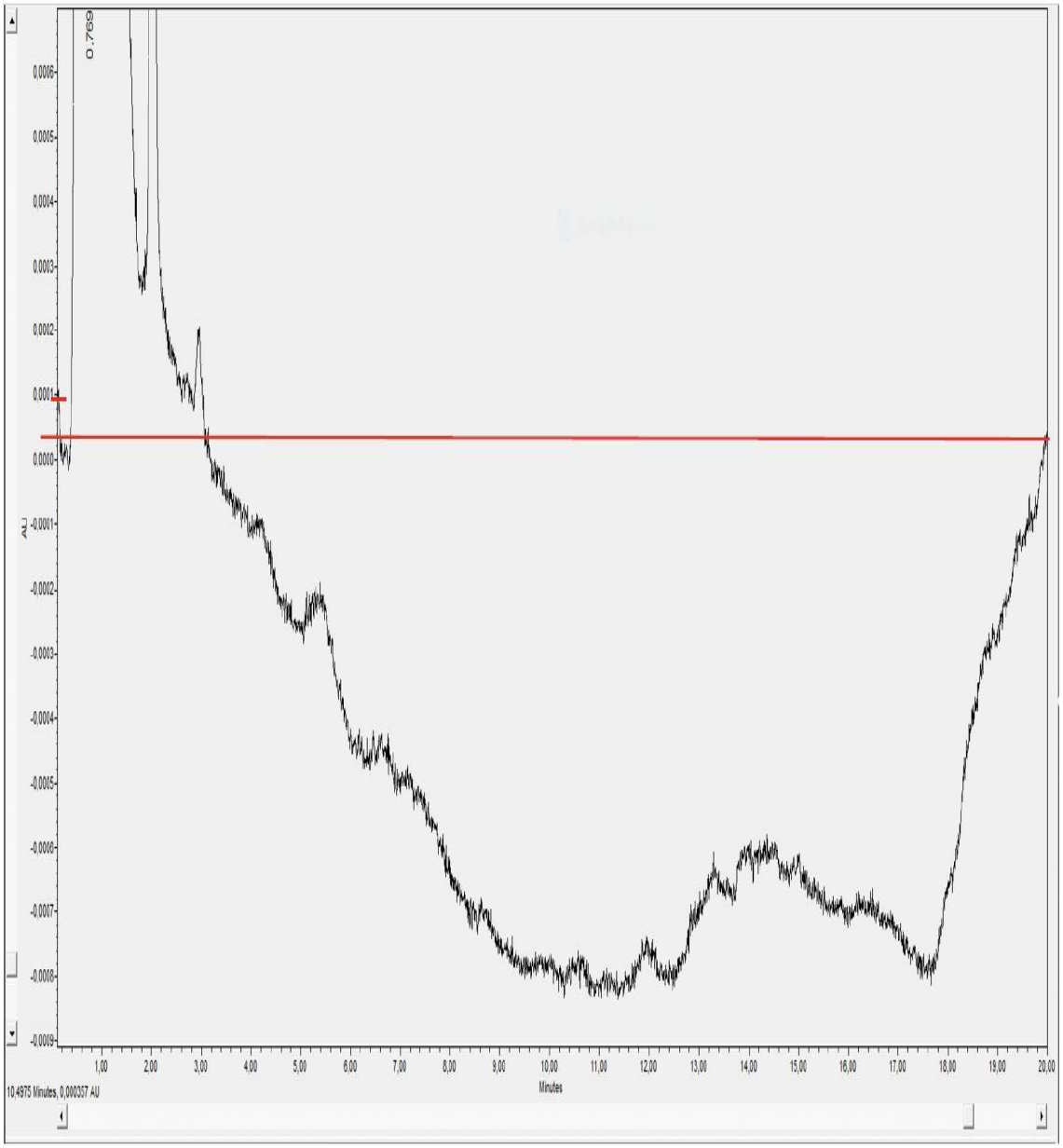
Resultado:	Ruído (mAU)
VALOR MÁXIMO:	0,2615
VALOR MÍNIMO:	0,2680
	Ruído
	-0,0065



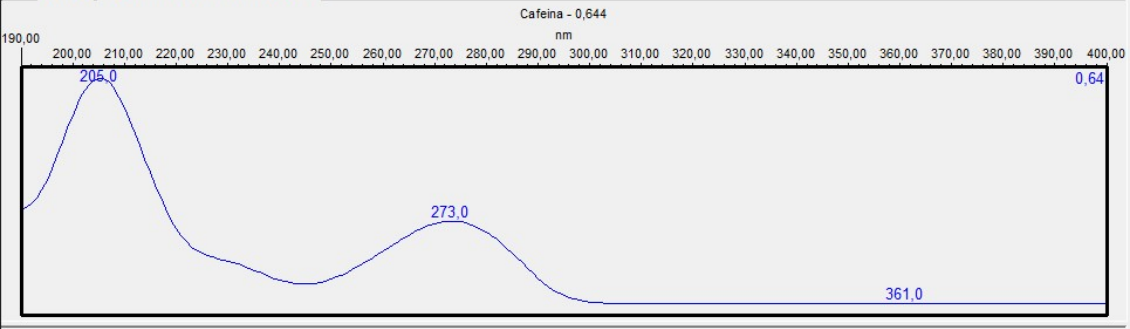
Certificado Nº:098/26 - RELB	Início da Qualificação: 25/02/2026	Página 3 de 3

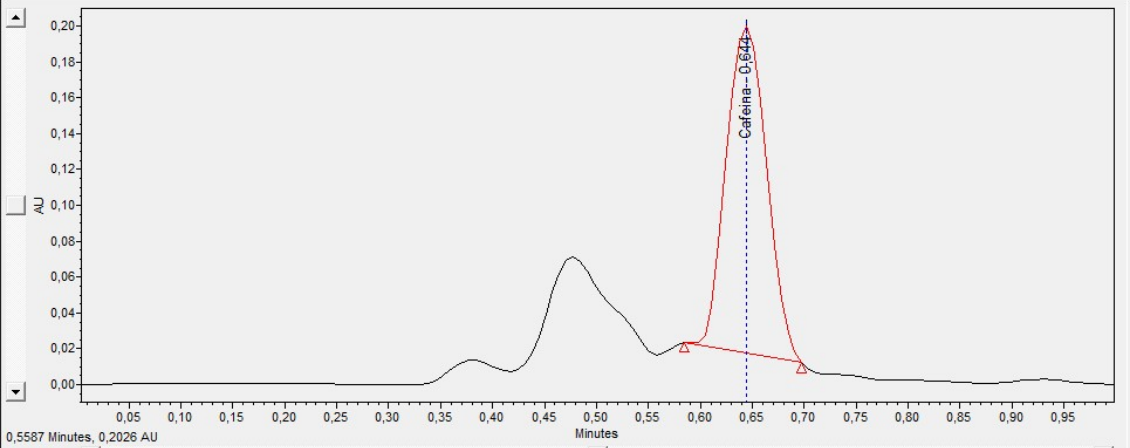
Resultado obtido no teste estabilidade da linha de base

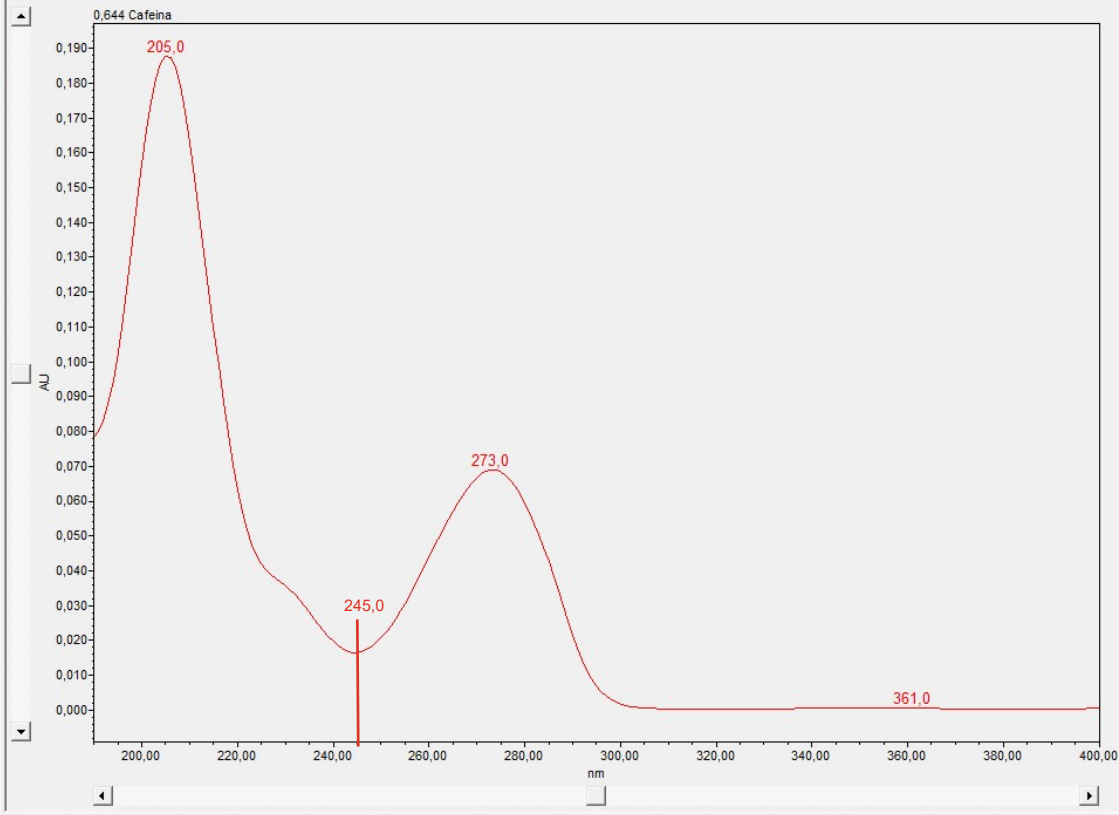
Estabilidade da Linha de Base	Diferença 20 min	Diferença 60 min
VALOR MÁXIMO:	0,0900	0,1500
VALOR MÍNIMO:	0,0400	
Resultado:	0,0500	



Contour | **Spectrum Index** | Zeroed Baseline







	Name	Retention Time (min)	Purity1 Angle	Purity1 Threshold	PDA/FLR Match1 Spect. Name	PDA/FLR Match1 Angle	PDA/FLR Match1 Threshold	PDA/FLR Match1 Lib. Name	Area (µV*sec)	% Area	Height (µV)	Int Type	Amount	Units	Peak Type
1	Cafeina	0,644							489084	100,00	181879	BB			Found

3D Channels | 2D Channels | **Peaks** | Fractions

	Image	Select	Retention Time (min)	Info	Max. Absorbance (au or eu)	Baseline Correction	Smoothing Level	Deriv. Level	Smoothing Type	Spline	Resolution (nm)	Start Wavelength (nm)	End Wavelength (nm)	Searchable	Traceable
1		☑	0,644	Cafeina	0,18774	☑	None	None	None	☐	1,0	190,0	400,0	☑	☑

Legend | **Spectra** | Library Match | Spectrum Points

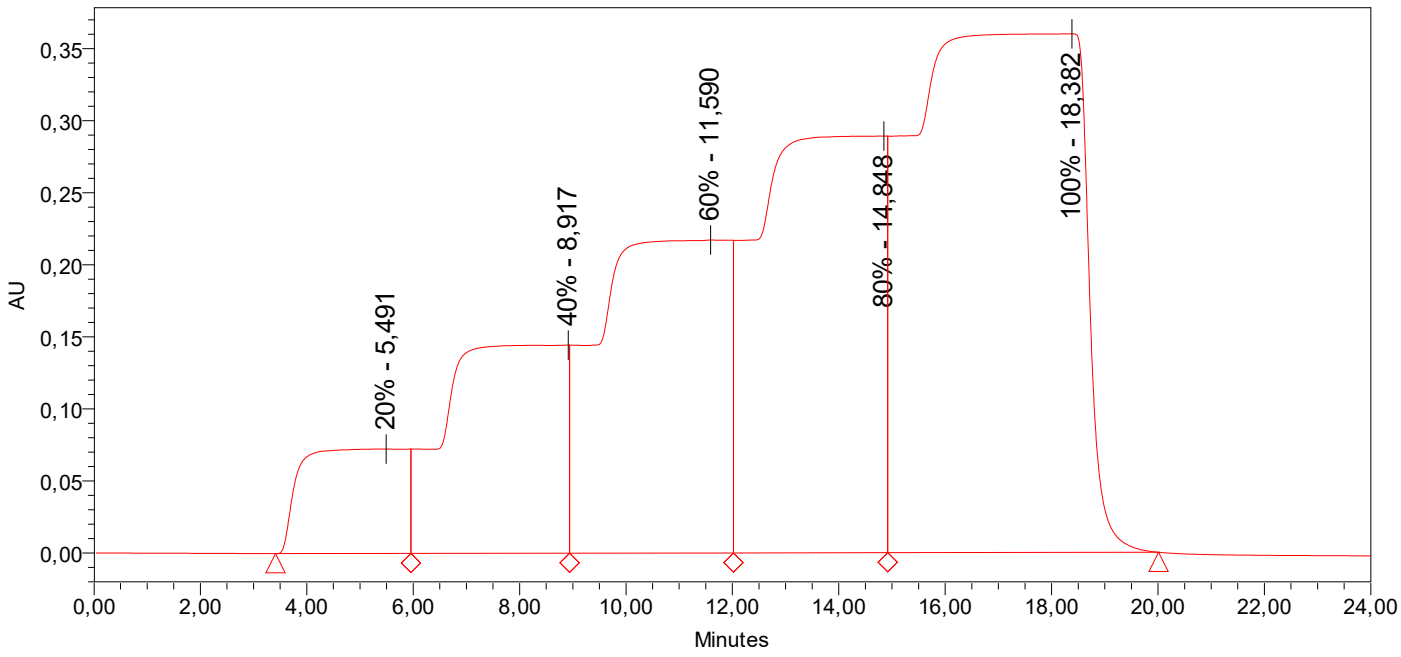
For Help, press F1

Meth Set: Untitled | Proc Meth: OPACK_CAFEINA_ACET | PDA

SAMPLE INFORMATION

Sample Name:	Gradiente_AB	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_GRAD_AB
Vial:	1	Acq. Method Set:	HPL004_QPACK_GRAD_AB
Injection #:	1	Processing Method:	QPack_Grad
Injection Volume:	0,00 ul	Channel Name:	DAD.0.0
Run Time:	24,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 09:38:31 -03		
Date Processed:	26/02/2026 10:17:46 -03		

Auto-Scaled Chromatogram



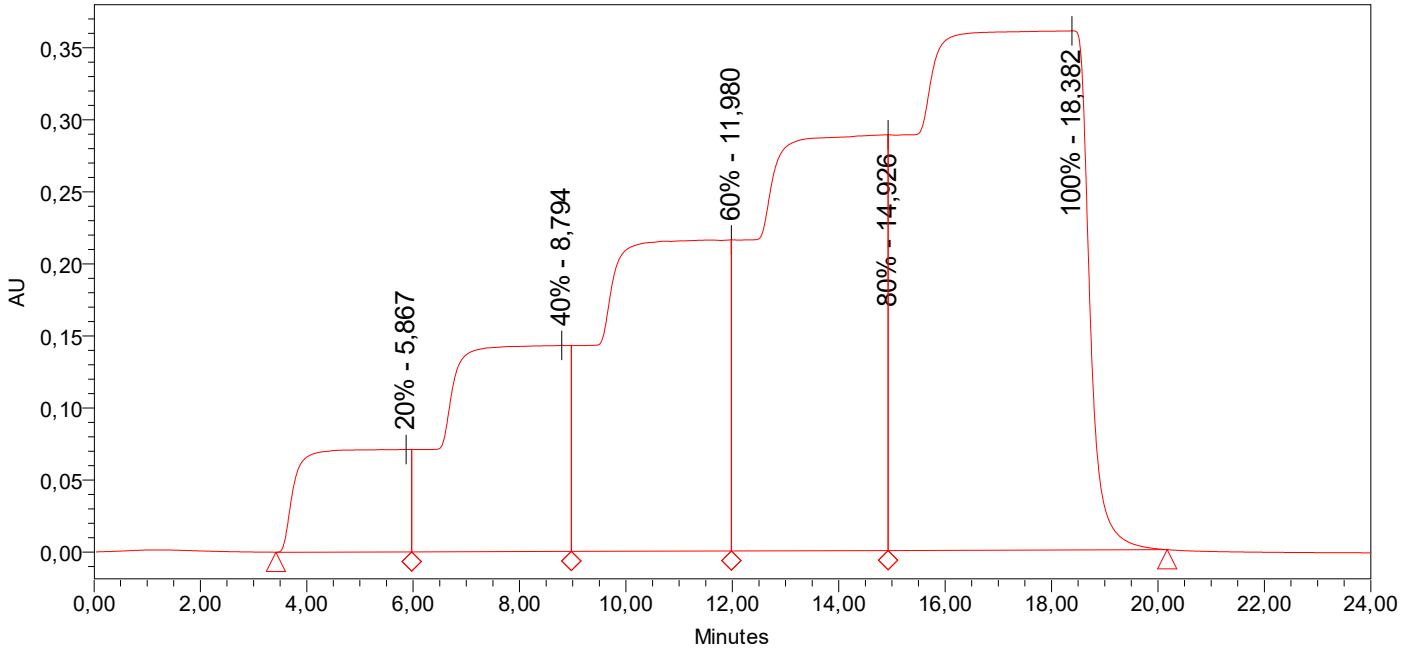
Peak Results

	Name	RT	Area	Height	Amount	Units
1	20%	5,491	9591130	72516		
2	40%	8,917	22410832	144393		
3	60%	11,590	36537720	217155		
4	80%	14,848	47033159	289180		
5	100%	18,382	79233492	359810		

SAMPLE INFORMATION

Sample Name:	Gradiente CD	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_GRAD_CD
Vial:	1	Acq. Method Set:	HPL004_QPACK_GRAD_CD
Injection #:	1	Processing Method:	QPack_Grad_REST
Injection Volume:	0,00 ul	Channel Name:	DAD.0.0
Run Time:	24,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 10:19:41 -03		
Date Processed:	26/02/2026 10:46:32 -03		

Auto-Scaled Chromatogram



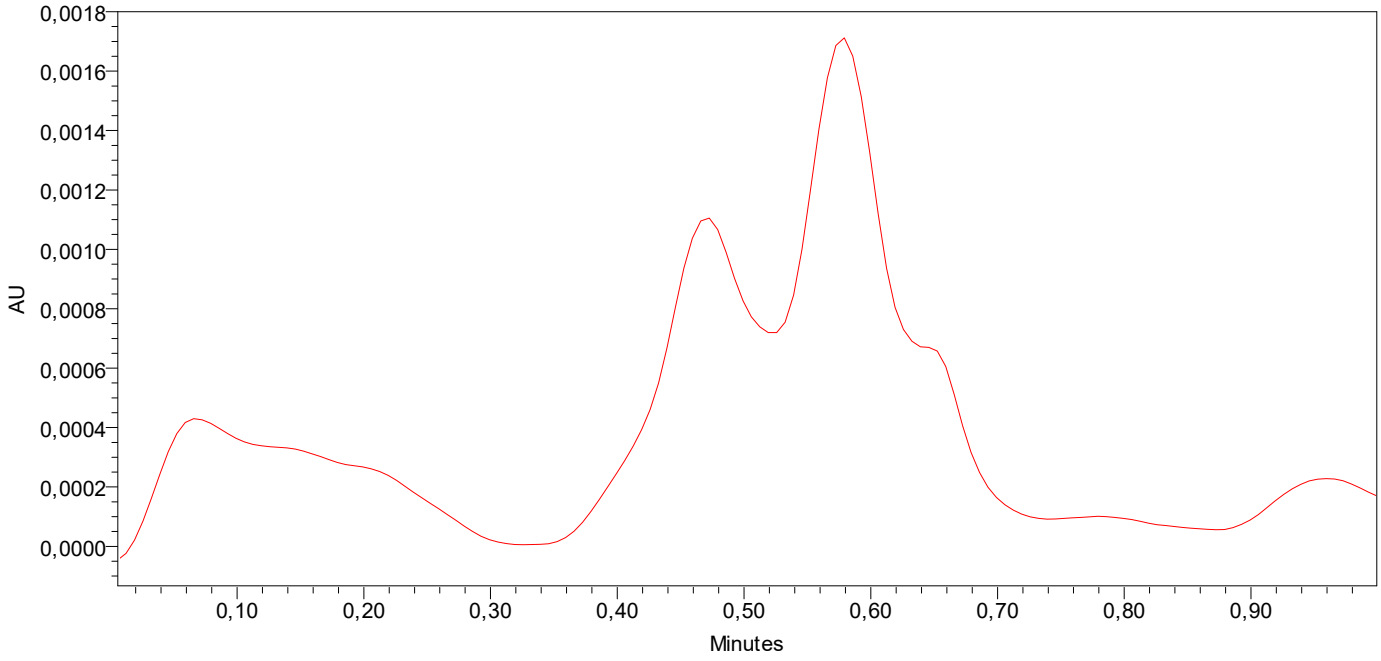
Peak Results

	Name	RT	Area	Height	Amount	Units
1	20%	5,867	9490472	71082		
2	40%	8,794	22318476	142936		
3	60%	11,980	35452463	215838		
4	80%	14,926	47415824	288504		
5	100%	18,382	79085026	360196		

SAMPLE INFORMATION

Sample Name:	LDUV 1	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_LDUV
Vial:	6	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 12:19:23 -03		
Date Processed:	26/02/2026 13:09:52 -03		

Auto-Scaled Chromatogram



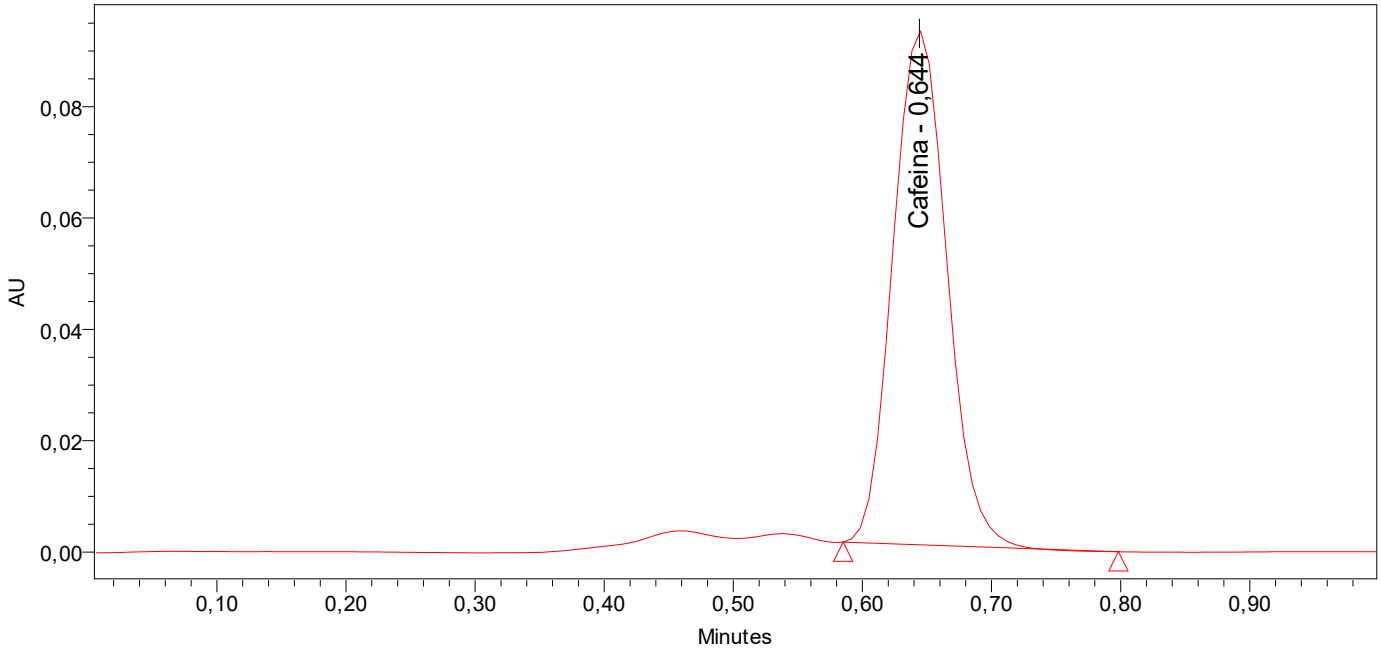
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,680				

SAMPLE INFORMATION

Sample Name:	LDUV 2	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_LDUV
Vial:	7	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 12:21:59 -03		
Date Processed:	26/02/2026 13:10:08 -03		

Auto-Scaled Chromatogram



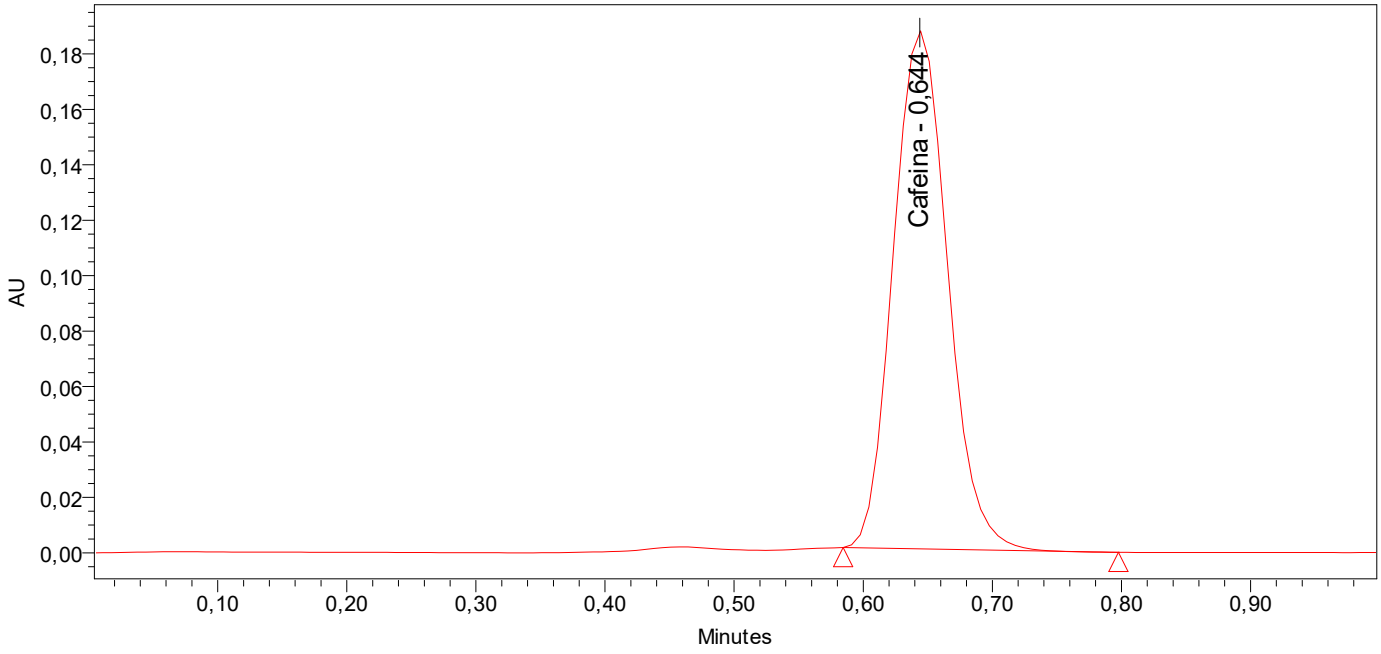
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,644	268520	92247		

SAMPLE INFORMATION

Sample Name:	LDUV 3	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_LDUV
Vial:	8	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 12:24:40 -03		
Date Processed:	26/02/2026 13:10:29 -03		

Auto-Scaled Chromatogram



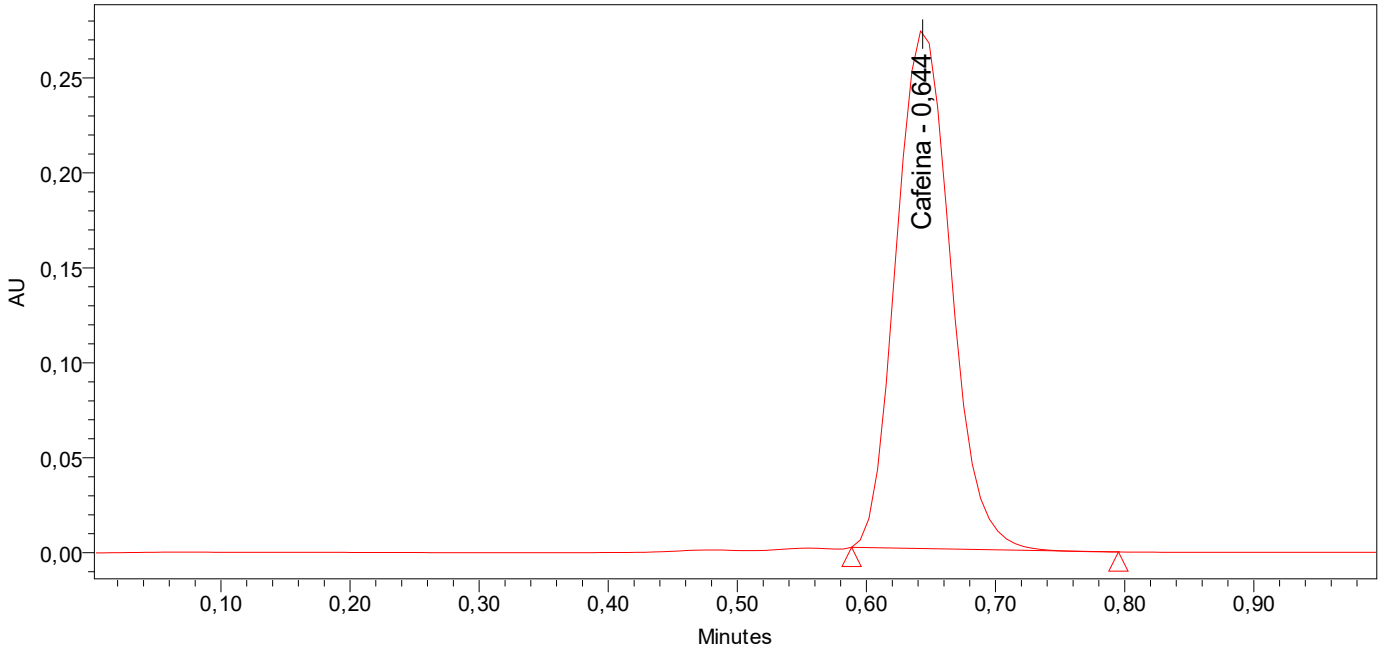
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,644	546128	186636		

SAMPLE INFORMATION

Sample Name:	LDUV 4	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_LDUV
Vial:	9	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 12:27:32 -03		
Date Processed:	26/02/2026 13:10:42 -03		

Auto-Scaled Chromatogram



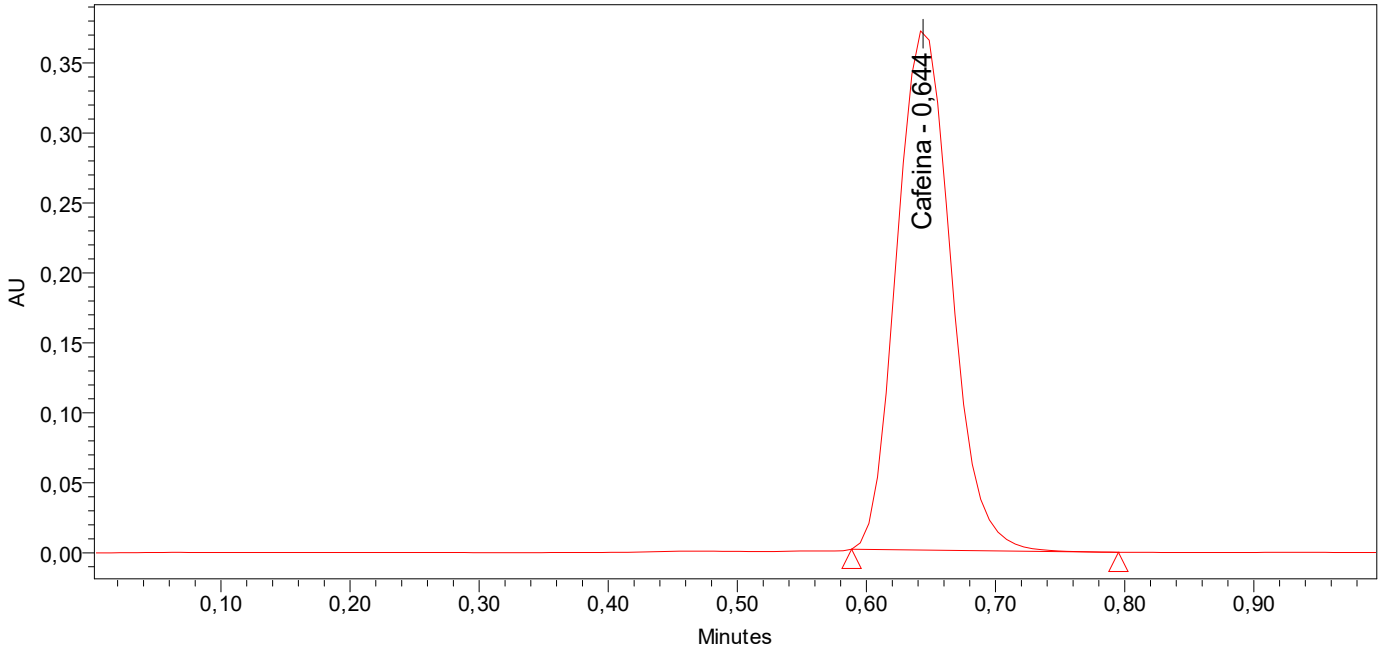
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,644	803979	273069		

SAMPLE INFORMATION

Sample Name:	LDUV 5	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_LDUV
Vial:	10	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 12:30:11 -03		
Date Processed:	26/02/2026 13:11:01 -03		

Auto-Scaled Chromatogram



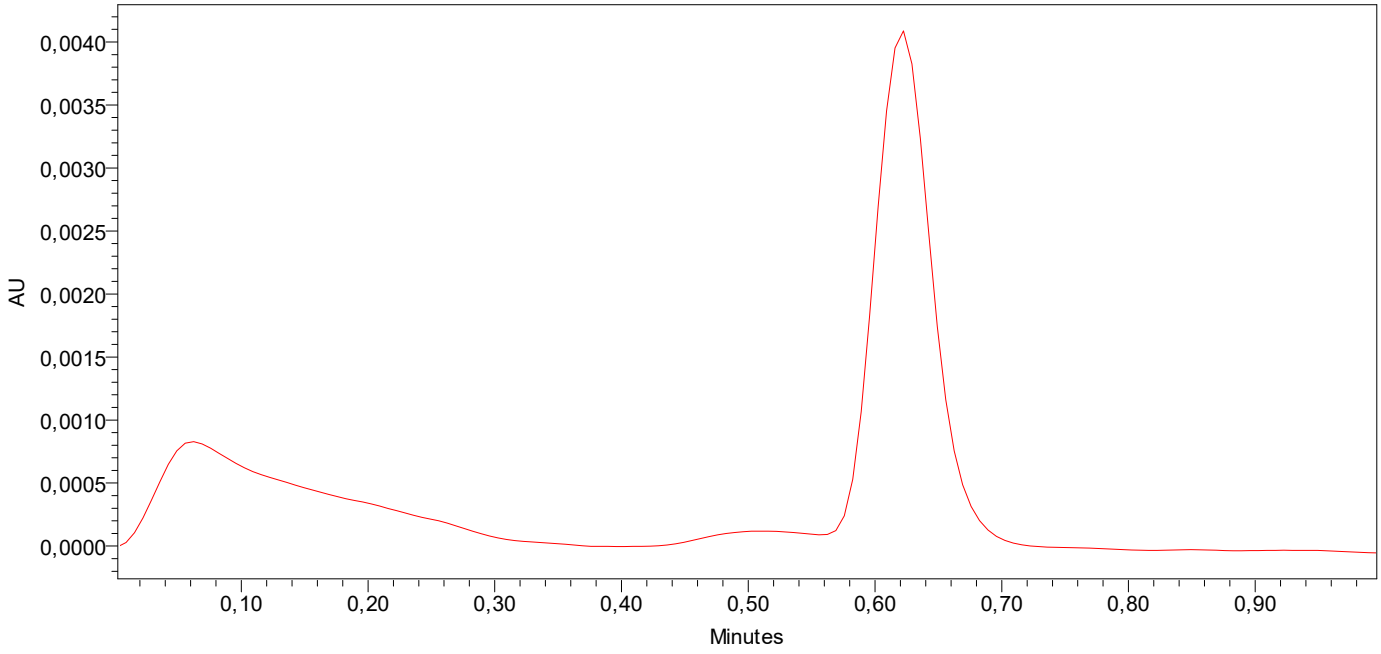
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,644	1090873	372220		

SAMPLE INFORMATION

Sample Name:	LIIN 1	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_LIIN
Vial:	5	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	0,10 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 13:03:58 -03		
Date Processed:	26/02/2026 13:32:17 -03		

Auto-Scaled Chromatogram



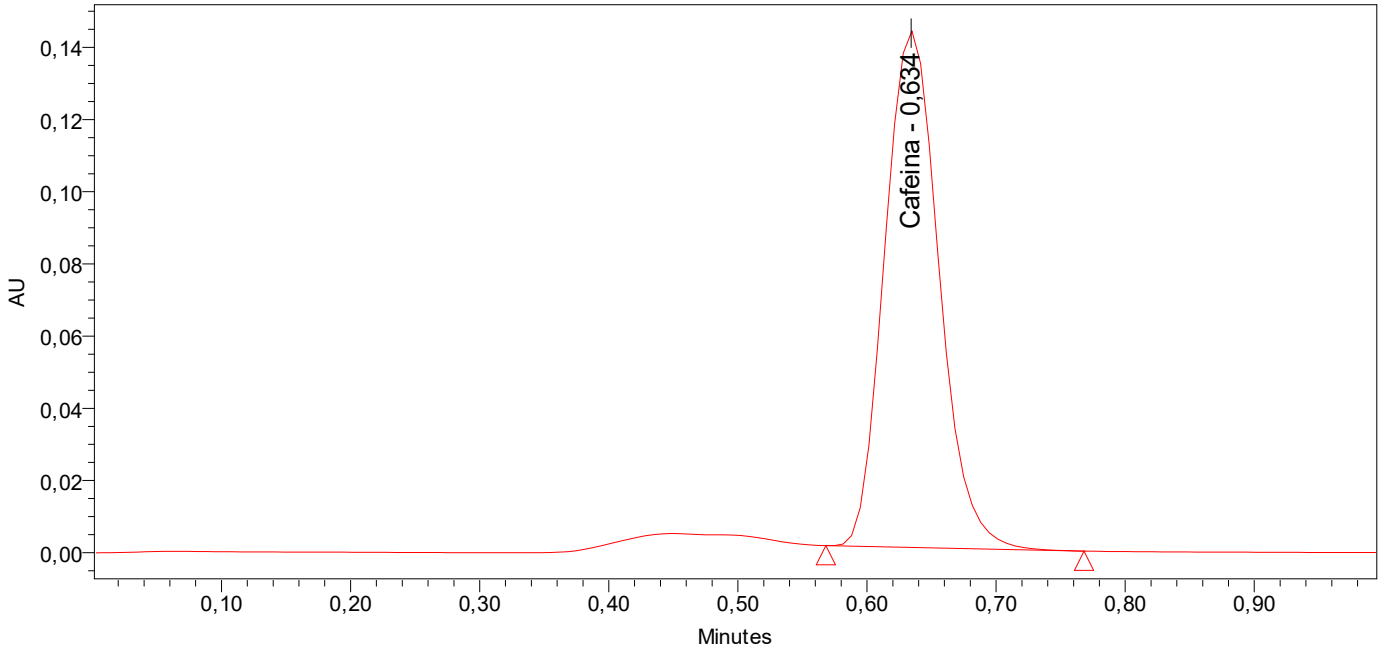
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,680				

SAMPLE INFORMATION

Sample Name:	LIIN 2	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_LIIN
Vial:	5	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	5,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 13:06:44 -03		
Date Processed:	26/02/2026 13:29:16 -03		

Auto-Scaled Chromatogram



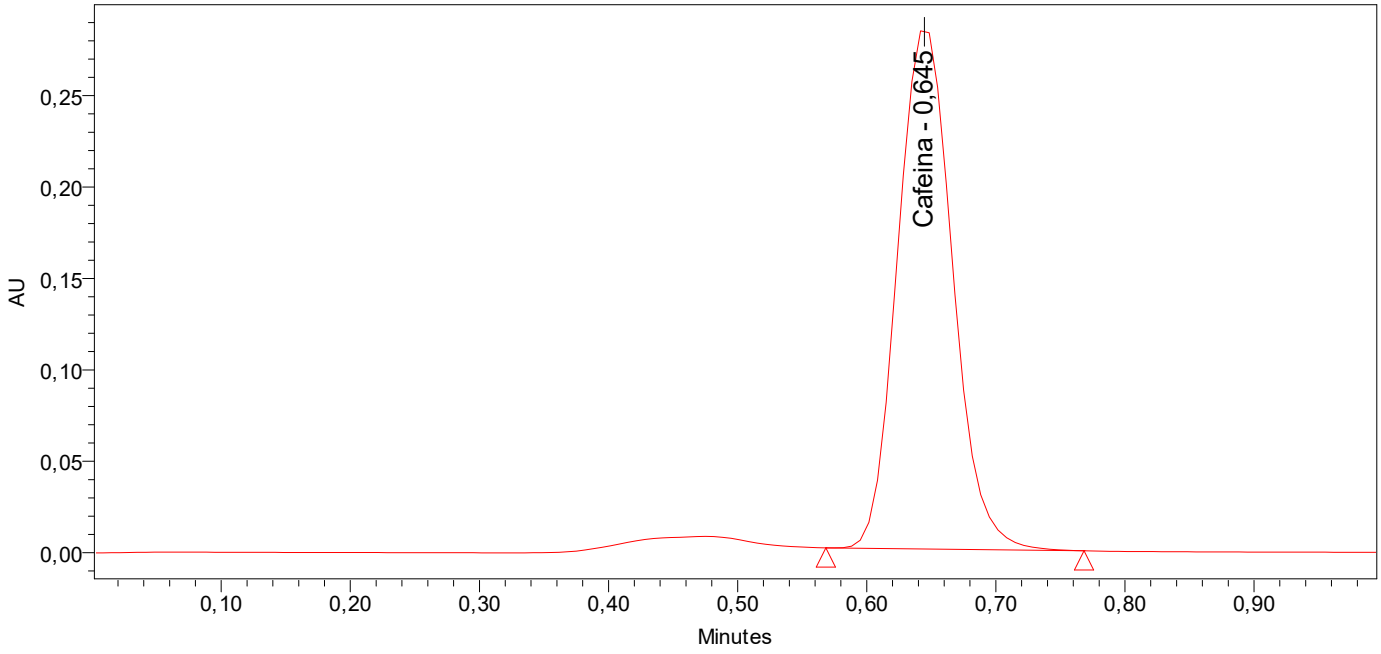
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,634	419493	142896		

SAMPLE INFORMATION

Sample Name:	LIIN 3	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_LIIN
Vial:	5	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 13:09:19 -03		
Date Processed:	26/02/2026 13:29:18 -03		

Auto-Scaled Chromatogram



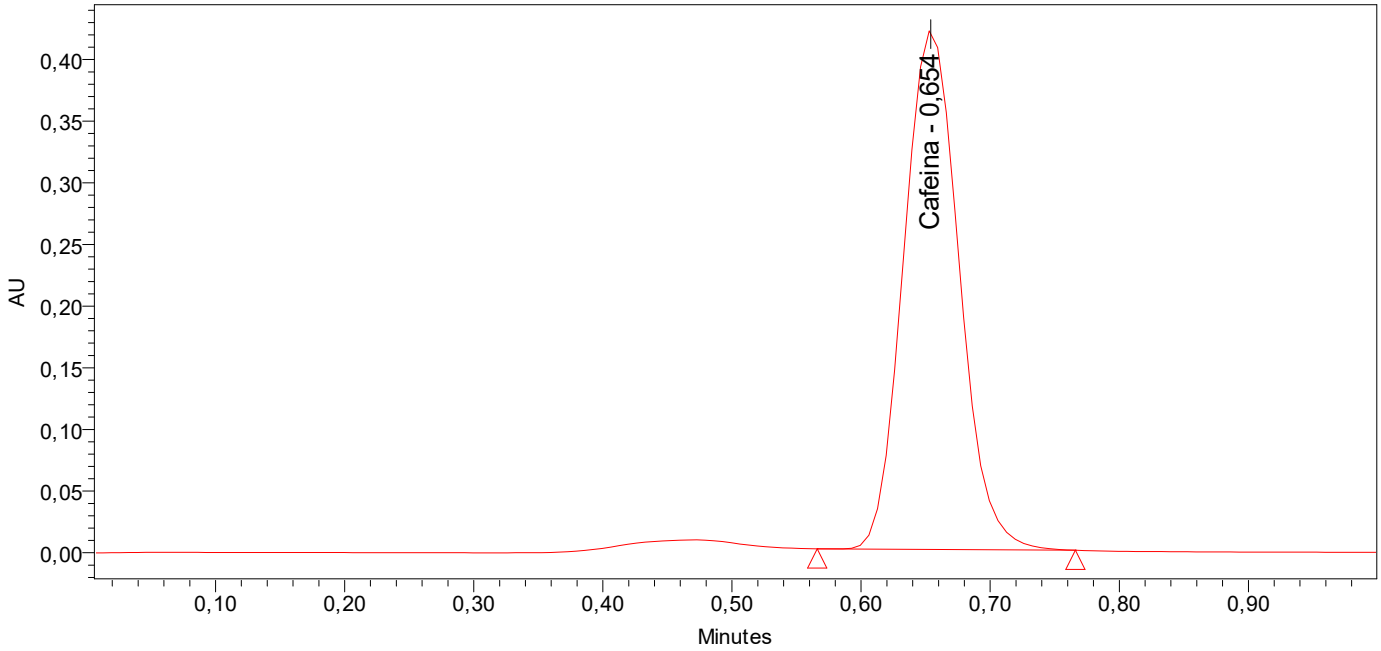
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,645	843668	285759		

SAMPLE INFORMATION

Sample Name:	LIIN 4	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_LIIN
Vial:	5	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	15,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 13:12:01 -03		
Date Processed:	26/02/2026 13:29:20 -03		

Auto-Scaled Chromatogram



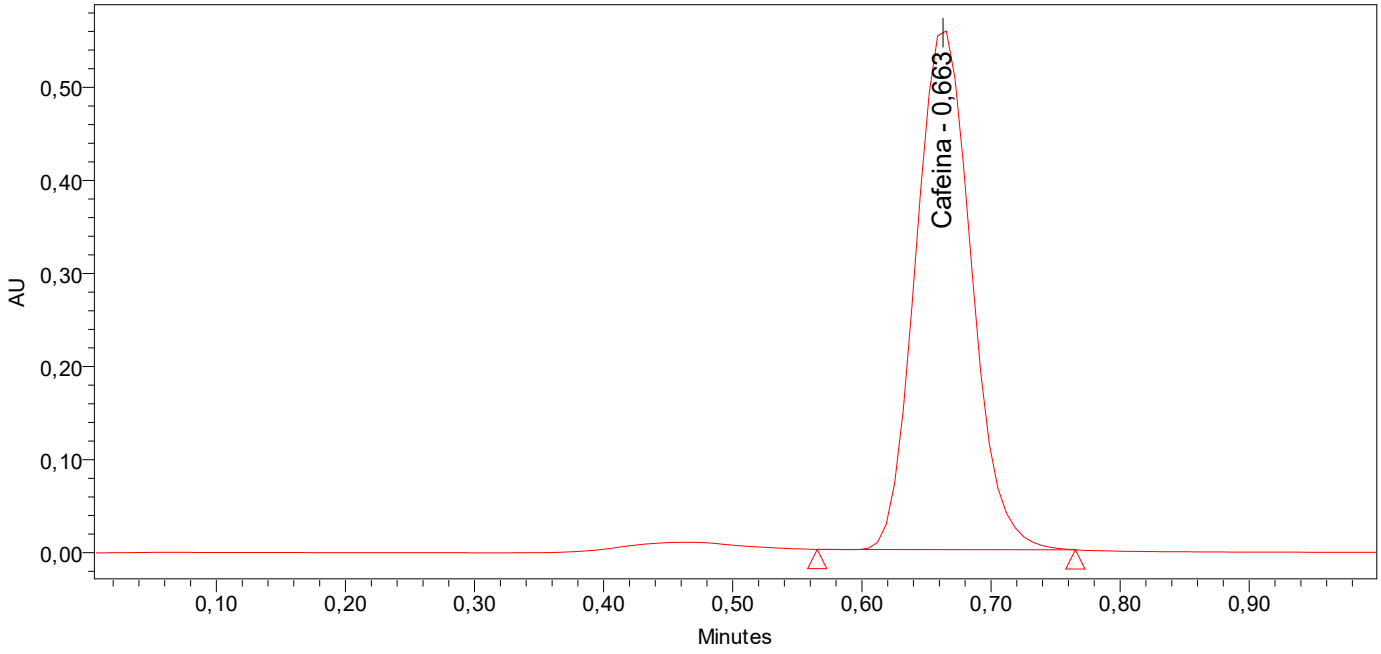
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,654	1259359	420565		

SAMPLE INFORMATION

Sample Name:	LIIN 5	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_LIIN
Vial:	5	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	20,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 13:14:47 -03		
Date Processed:	26/02/2026 13:29:23 -03		

Auto-Scaled Chromatogram



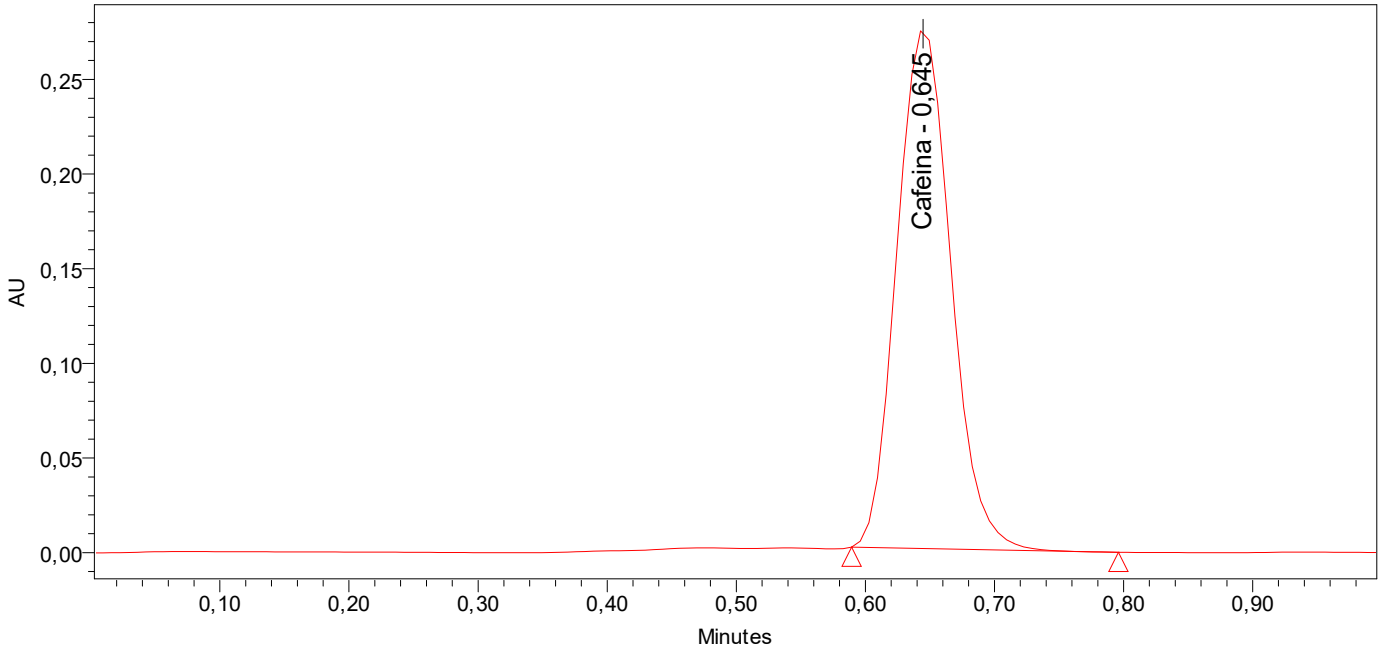
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,663	1673292	560221		

SAMPLE INFORMATION

Sample Name:	PCIN - 1	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_PCIN
Vial:	2	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 11:41:57 -03		
Date Processed:	26/02/2026 12:04:24 -03		

Auto-Scaled Chromatogram



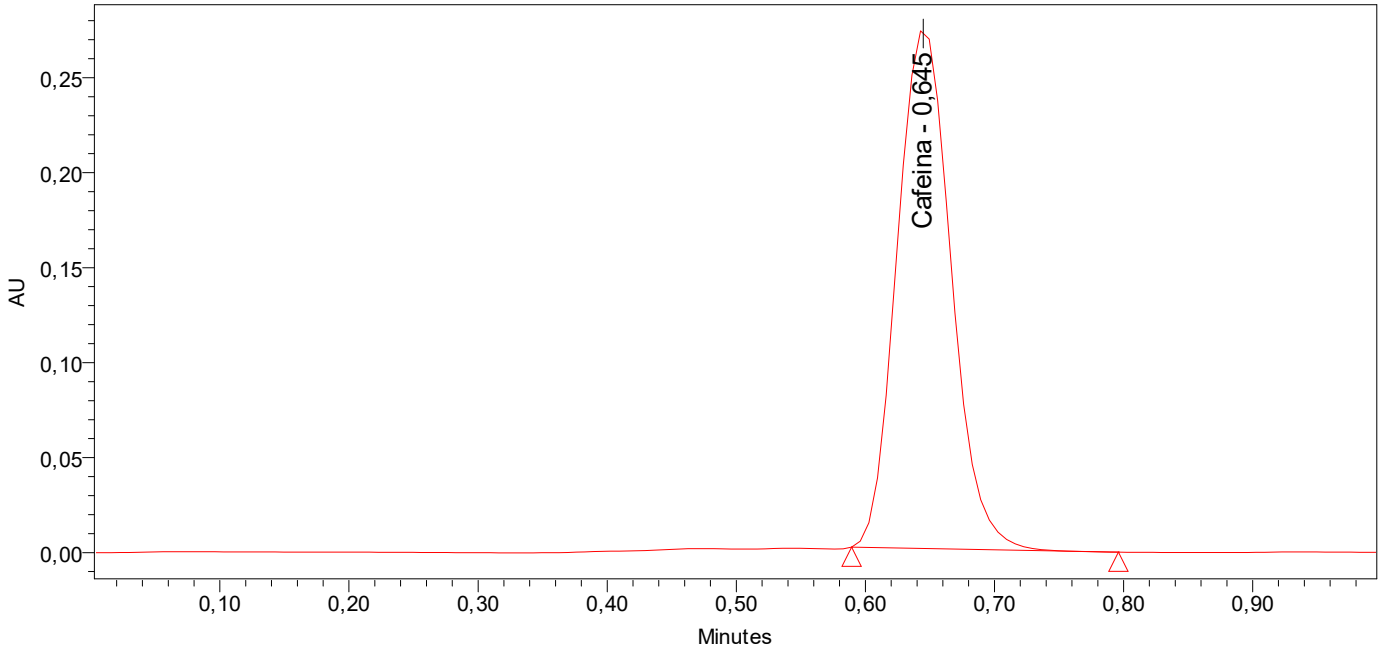
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,645	797292	274345		

SAMPLE INFORMATION

Sample Name:	PCIN - 2	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_PCIN
Vial:	2	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 11:44:30 -03		
Date Processed:	26/02/2026 12:04:52 -03		

Auto-Scaled Chromatogram



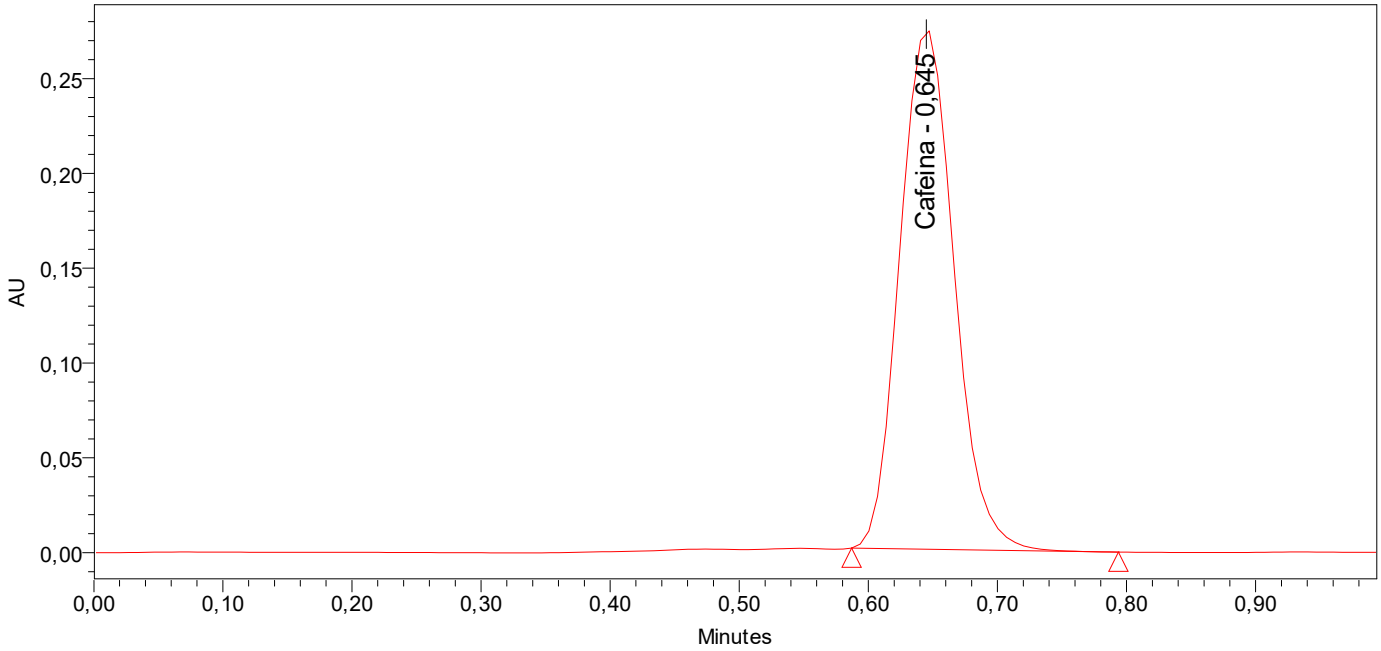
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,645	797515	273629		

SAMPLE INFORMATION

Sample Name:	PCIN - 3	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_PCIN
Vial:	2	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 11:47:13 -03		
Date Processed:	26/02/2026 12:05:07 -03		

Auto-Scaled Chromatogram



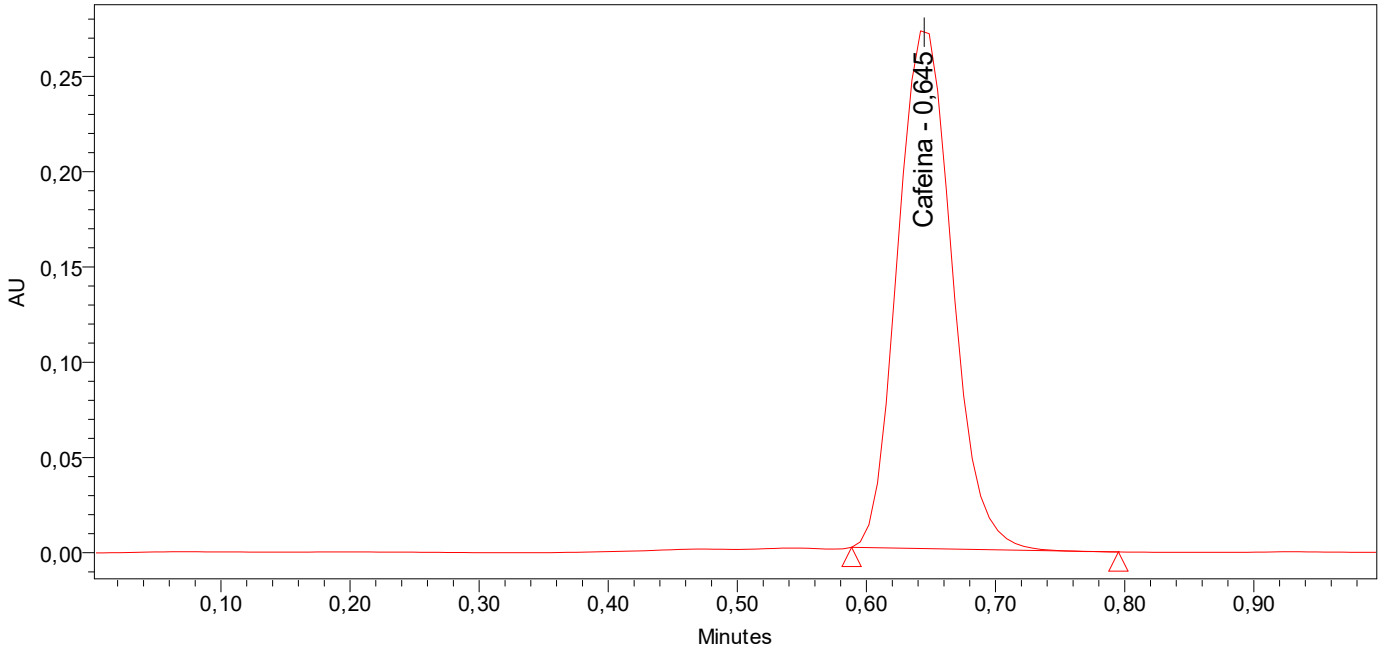
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,645	801382	274250		

SAMPLE INFORMATION

Sample Name:	PCIN - 4	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_PCIN
Vial:	2	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 11:52:22 -03		
Date Processed:	26/02/2026 12:05:32 -03		

Auto-Scaled Chromatogram



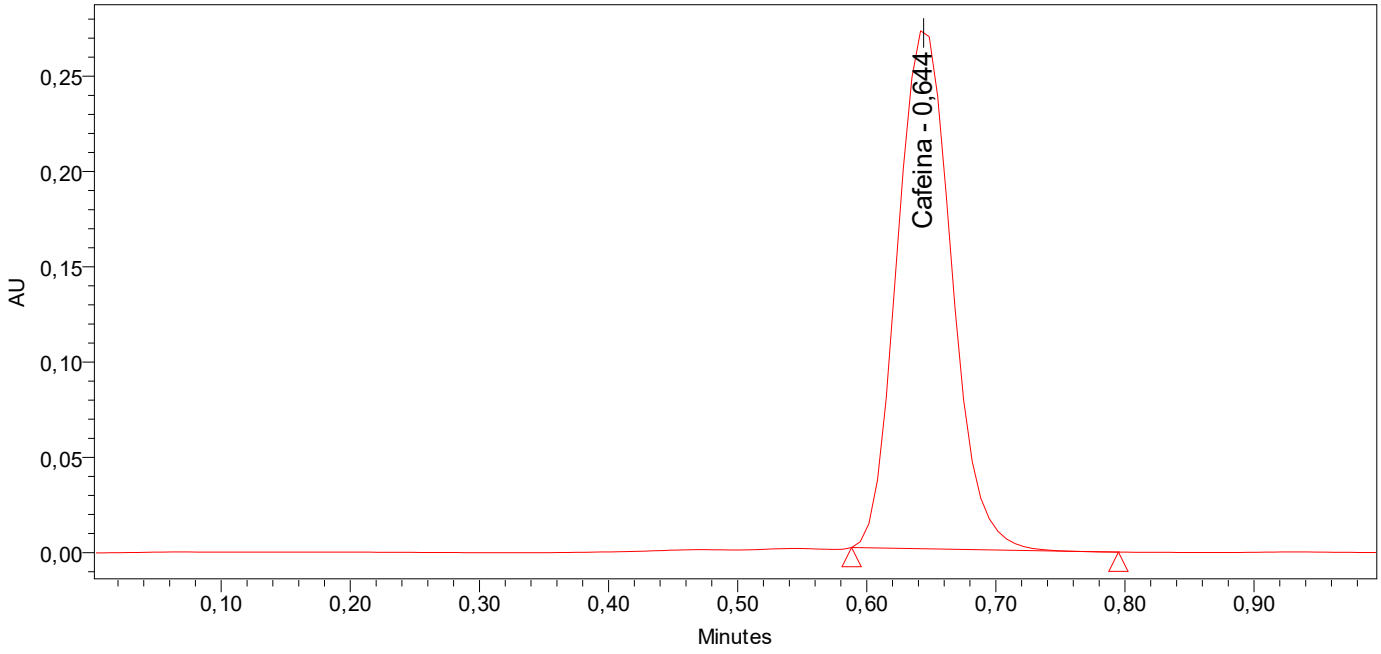
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,645	800127	273738		

SAMPLE INFORMATION

Sample Name:	PCIN - 5	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_PCIN
Vial:	2	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 11:54:59 -03		
Date Processed:	26/02/2026 12:05:48 -03		

Auto-Scaled Chromatogram



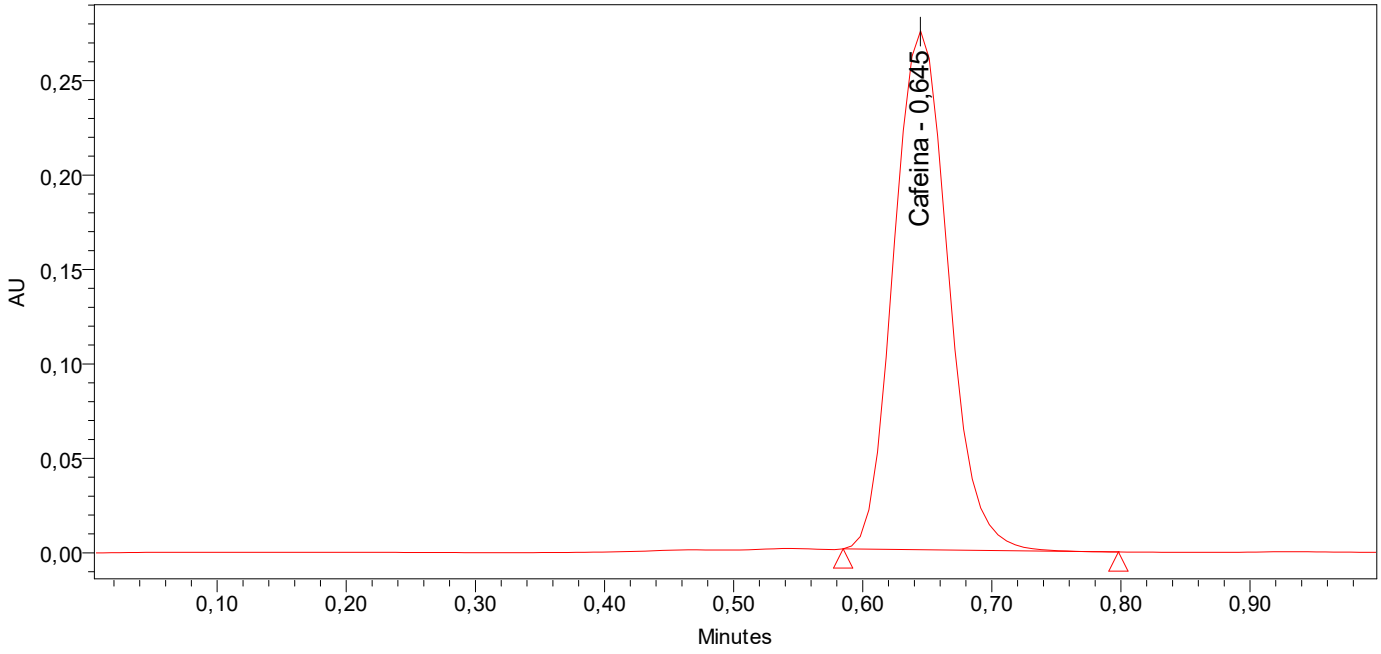
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,644	798694	273324		

SAMPLE INFORMATION

Sample Name:	PCIN - 6	Acquired By:	fatima.silveira
Sample Type:	Unknown	Sample Set Name:	HPL004_PCIN
Vial:	2	Acq. Method Set:	HPL004_QPACK_OQ_GERAL
Injection #:	1	Processing Method:	QPACK_CAFEINA_ACET
Injection Volume:	10,00 ul	Channel Name:	DAD.0.0
Run Time:	1,0 Minutes	Proc. Chnl. Descr.:	DAD: Signal A, 273 nm/Bw:4 nm
Date Acquired:	26/02/2026 11:57:31 -03		
Date Processed:	26/02/2026 12:06:03 -03		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	0,645	804708	274355		