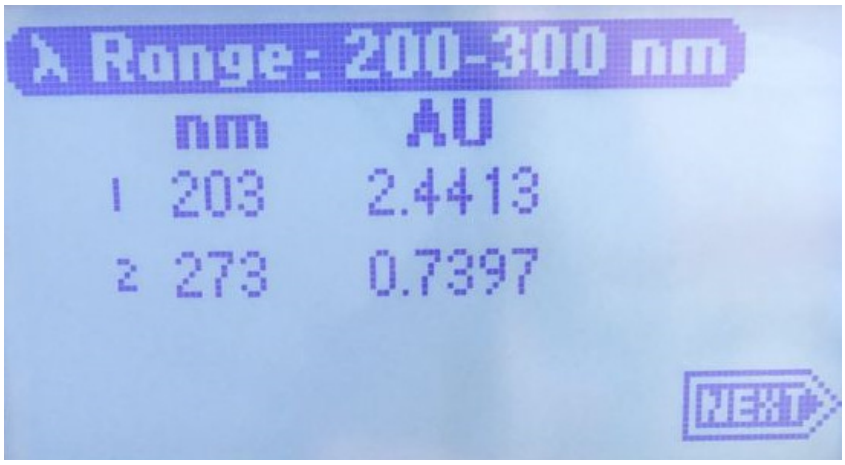
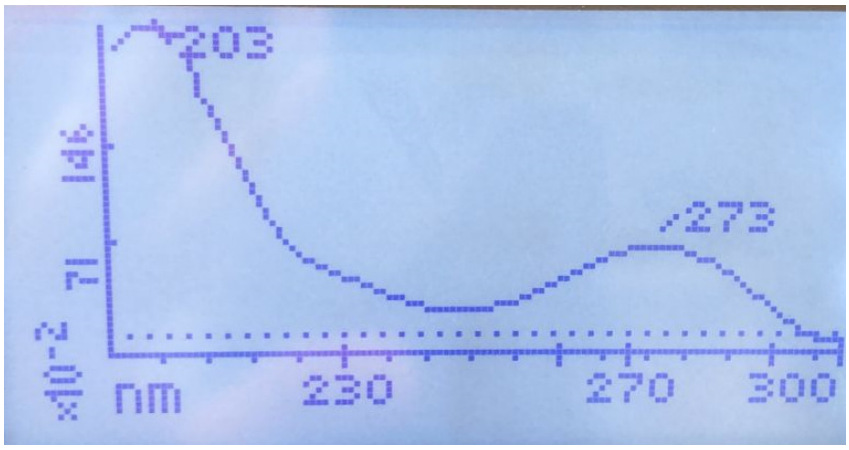
Certificado N°: 220/21

- **DETECTOR UV-Vis - WATERS 2489 - A1887E460A:**



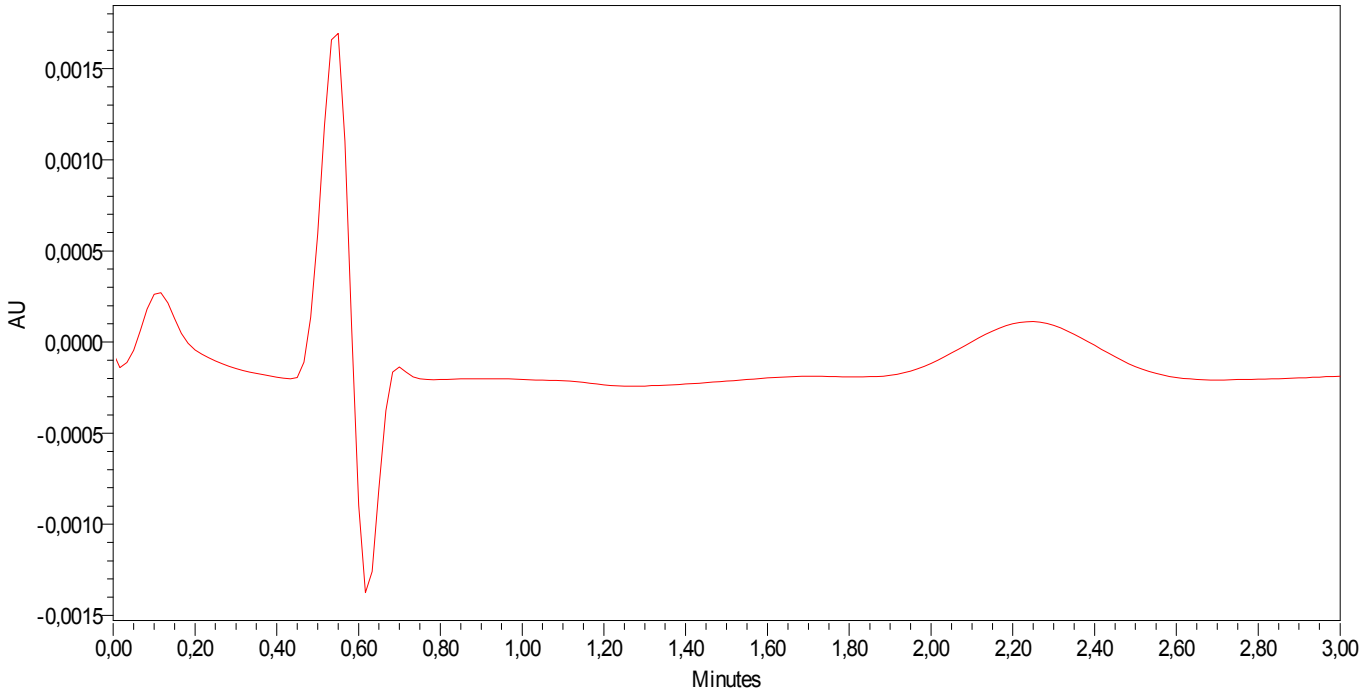


QPack Soluções Analíticas Ltda.
Rua Ema Gazzi Magnusson, 138 – Comercial Vitoria Martini – Indaiatuba – SP – CEP 13347-630
Site: www.qpack.com.br - Fone: 55 (19) 2660-1110
E-mail: qpack@qpack.com.br

SAMPLE INFORMATION

Sample Name:	Branco 1	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	PCIN
Vial:	1	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	20,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 11:53:49 BRT		
Date Processed:	20/09/2021 13:01:07 BRT		

Auto-Scaled Chromatogram



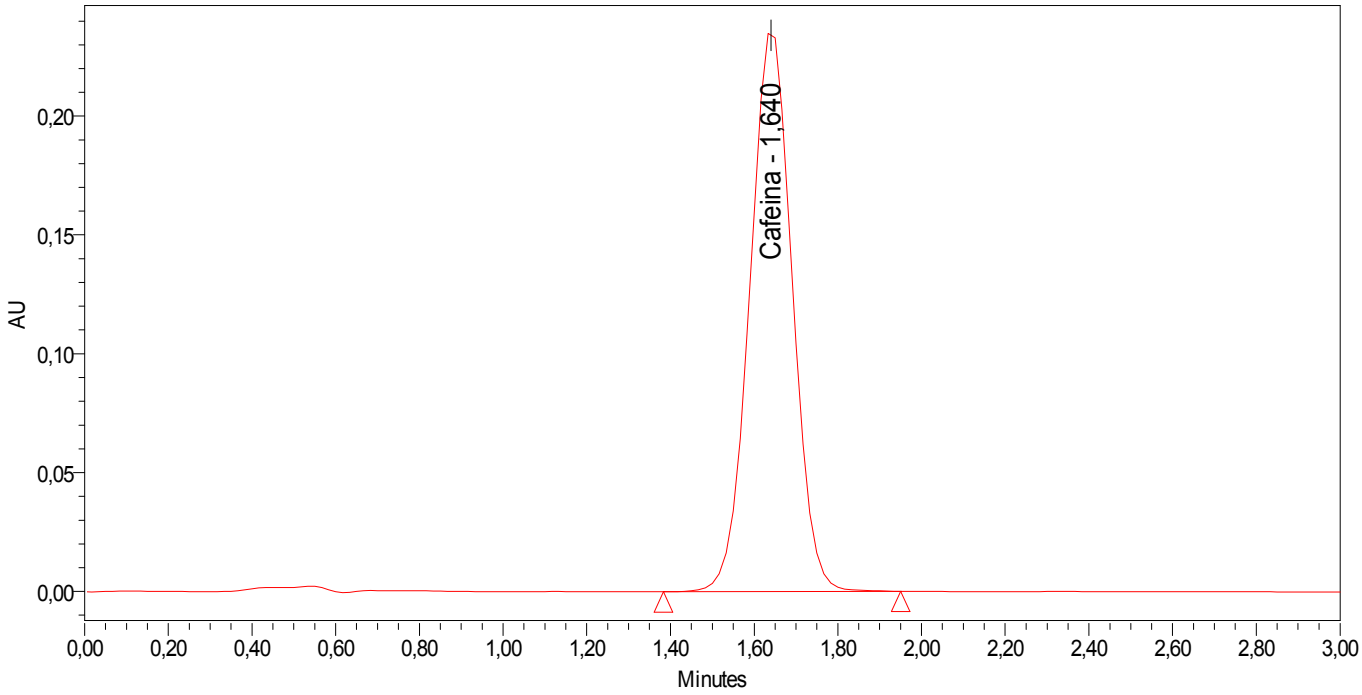
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,631				

SAMPLE INFORMATION

Sample Name:	PCIN 1	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	PCIN
Vial:	2	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	20,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 11:57:36 BRT		
Date Processed:	20/09/2021 13:01:15 BRT		

Auto-Scaled Chromatogram



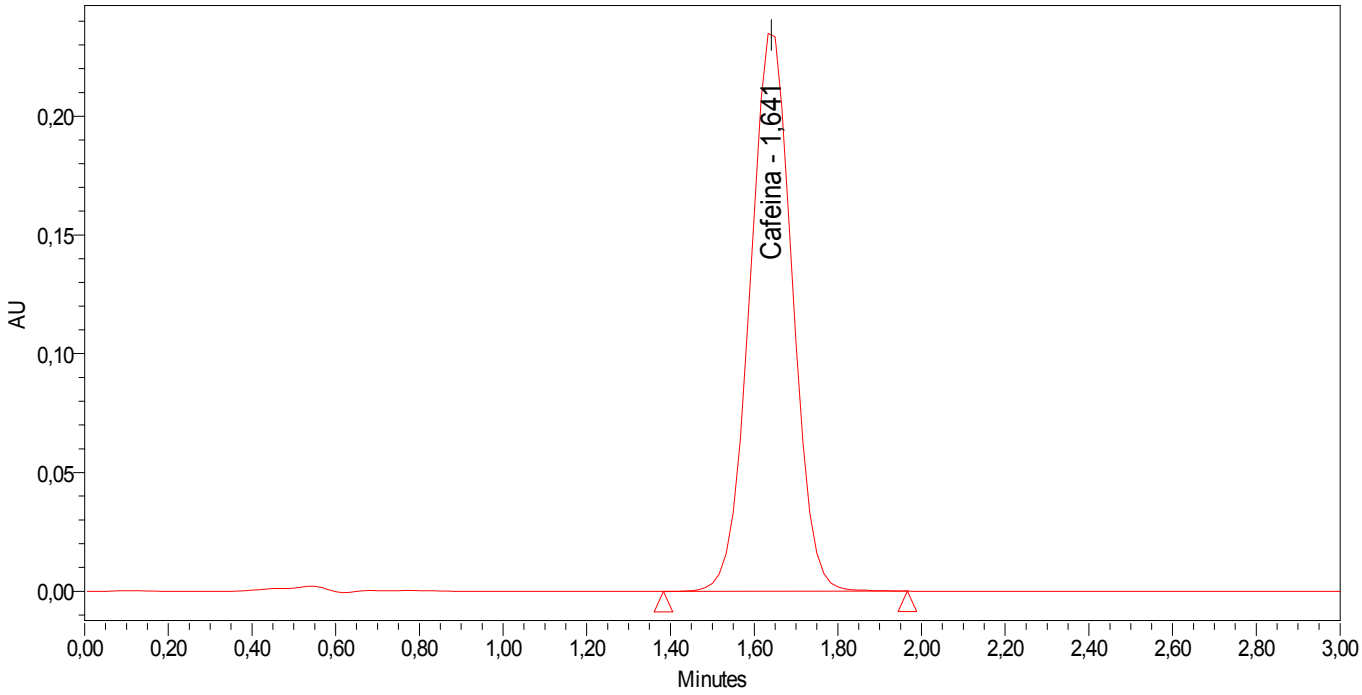
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,640	1661682	236174		

SAMPLE INFORMATION

Sample Name:	PCIN 2	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	PCIN
Vial:	2	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	20,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 12:01:21 BRT		
Date Processed:	20/09/2021 13:01:20 BRT		

Auto-Scaled Chromatogram



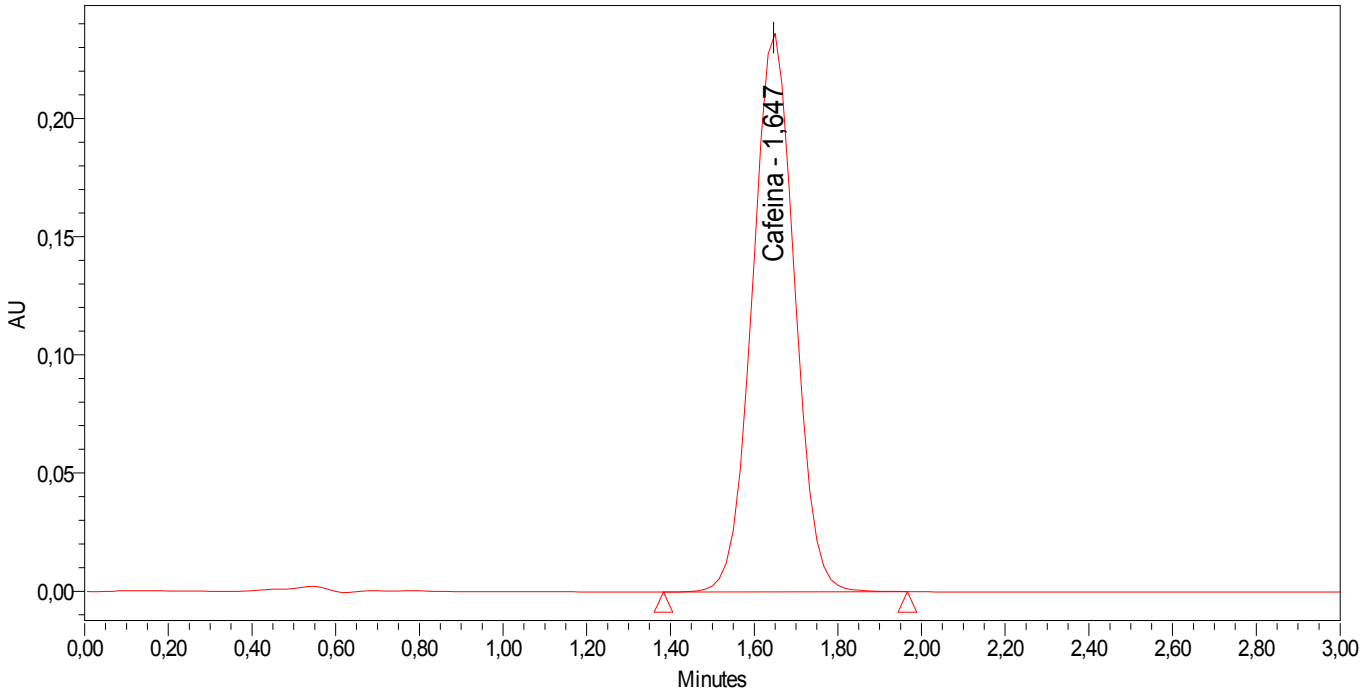
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,641	1660308	236411		

SAMPLE INFORMATION

Sample Name:	PCIN 3	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	PCIN
Vial:	2	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	20,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 12:05:05 BRT		
Date Processed:	20/09/2021 13:01:26 BRT		

Auto-Scaled Chromatogram



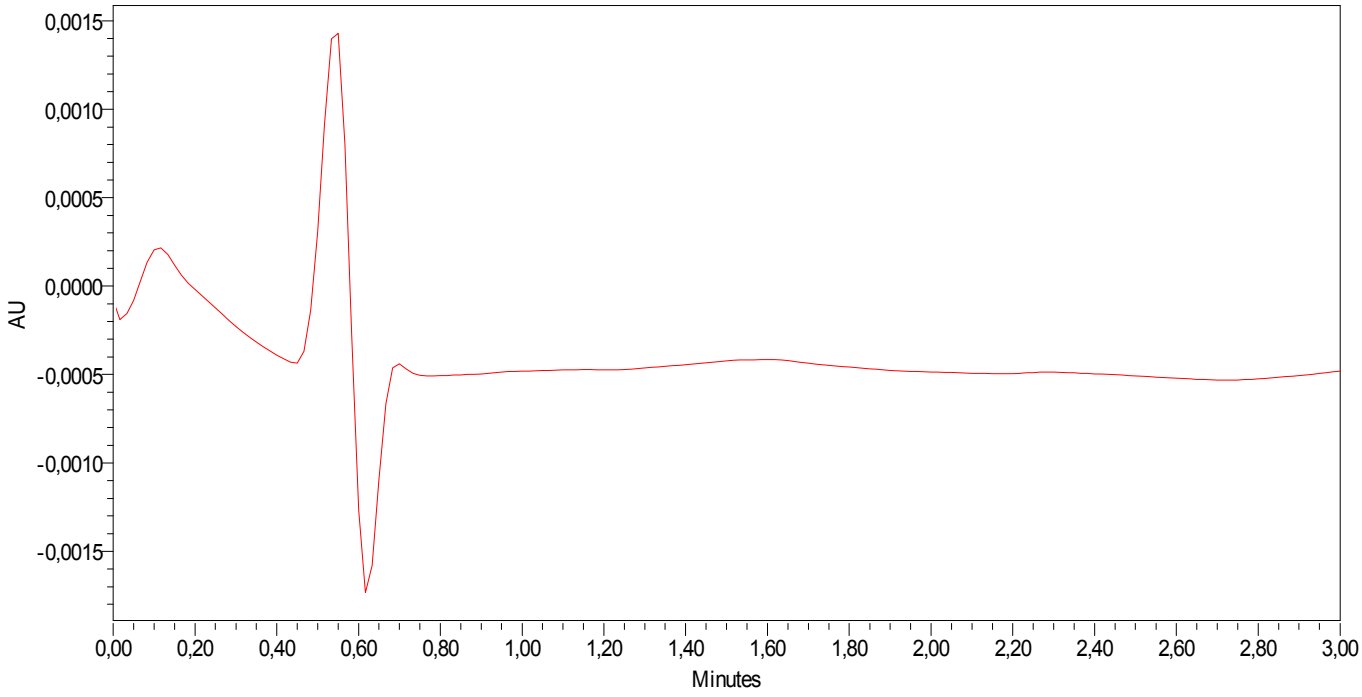
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,647	1659481	235730		

SAMPLE INFORMATION

Sample Name:	Branco 2	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	PCIN
Vial:	1	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	20,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 12:08:56 BRT		
Date Processed:	20/09/2021 13:01:33 BRT		

Auto-Scaled Chromatogram



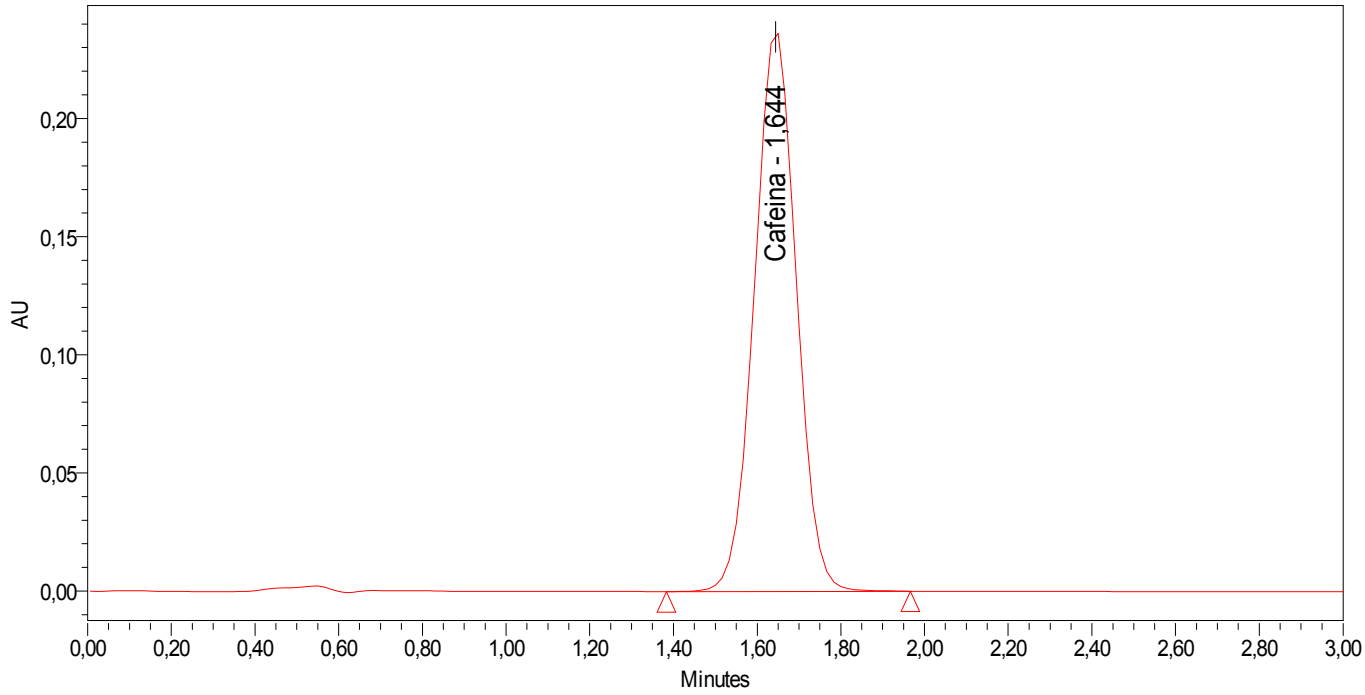
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,631				

SAMPLE INFORMATION

Sample Name:	PCIN 4	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	PCIN
Vial:	2	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	20,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 12:12:57 BRT		
Date Processed:	20/09/2021 13:01:38 BRT		

Auto-Scaled Chromatogram



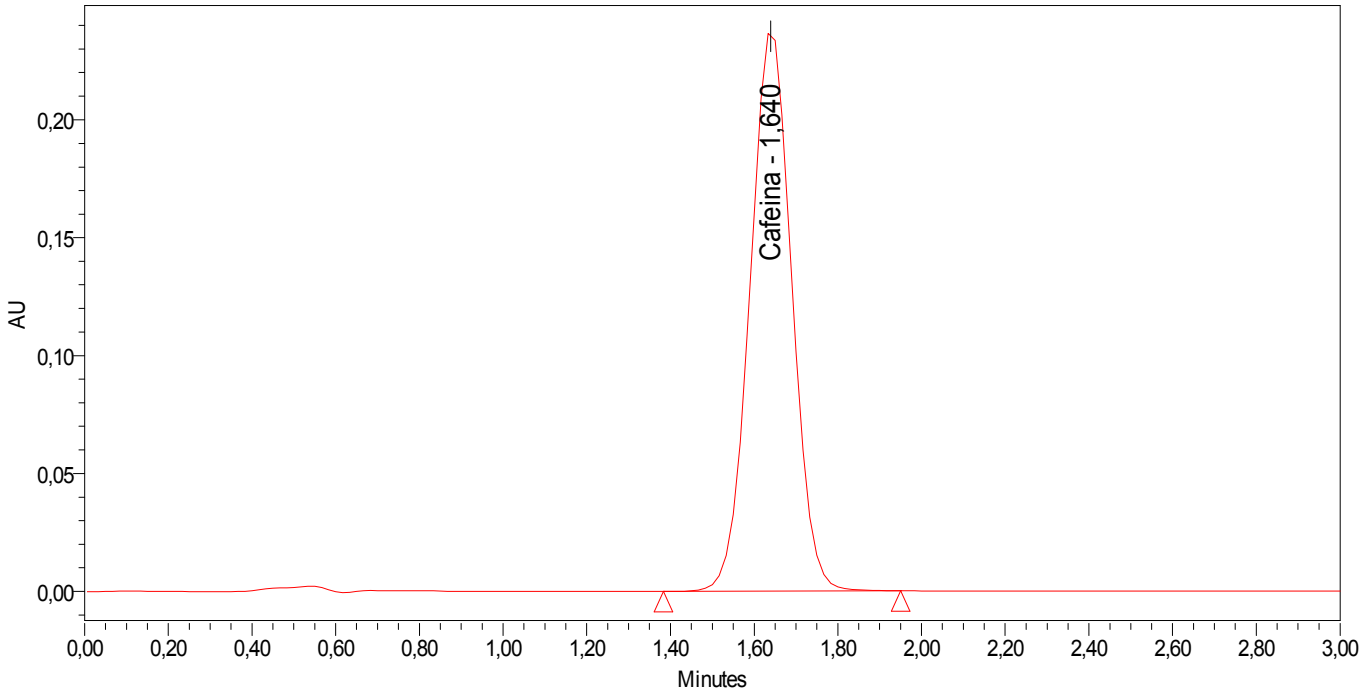
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,644	1651121	236777		

SAMPLE INFORMATION

Sample Name:	PCIN 5	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	PCIN
Vial:	2	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	20,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 12:16:43 BRT		
Date Processed:	20/09/2021 13:01:44 BRT		

Auto-Scaled Chromatogram



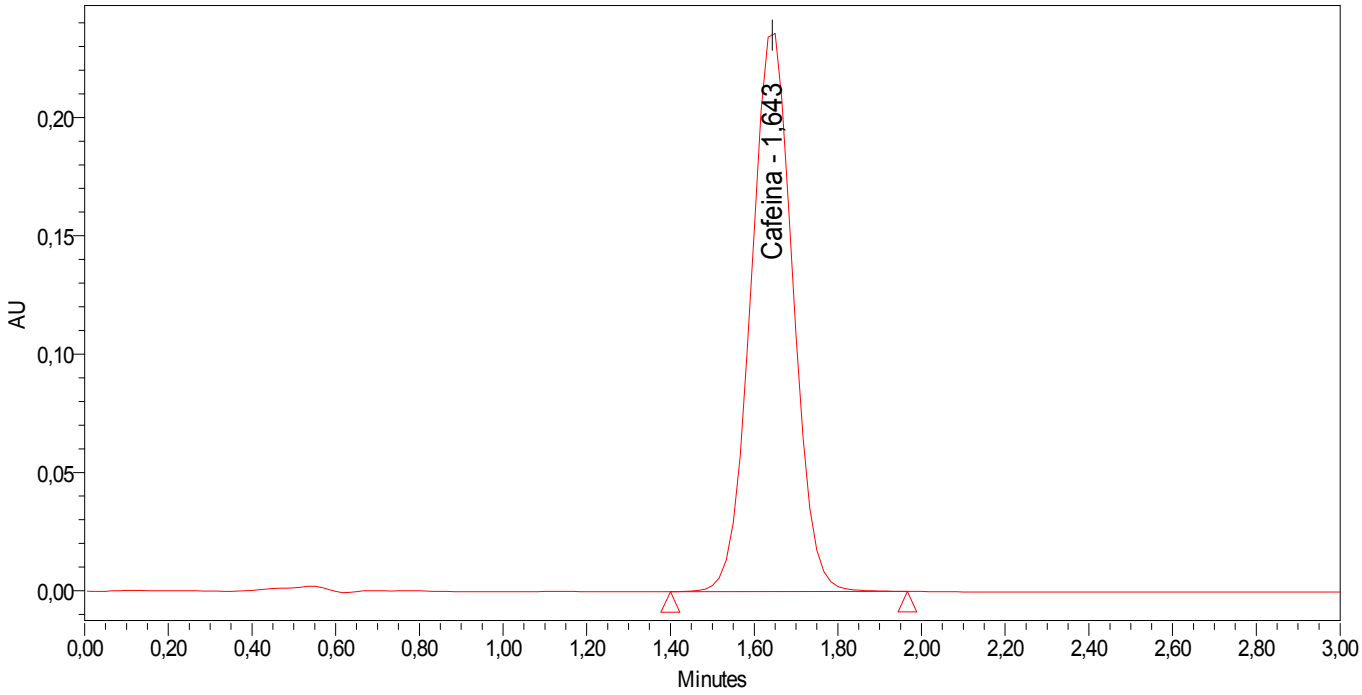
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,640	1649081	237578		

SAMPLE INFORMATION

Sample Name:	PCIN 6	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	PCIN
Vial:	2	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	20,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 12:20:27 BRT		
Date Processed:	20/09/2021 13:01:50 BRT		

Auto-Scaled Chromatogram



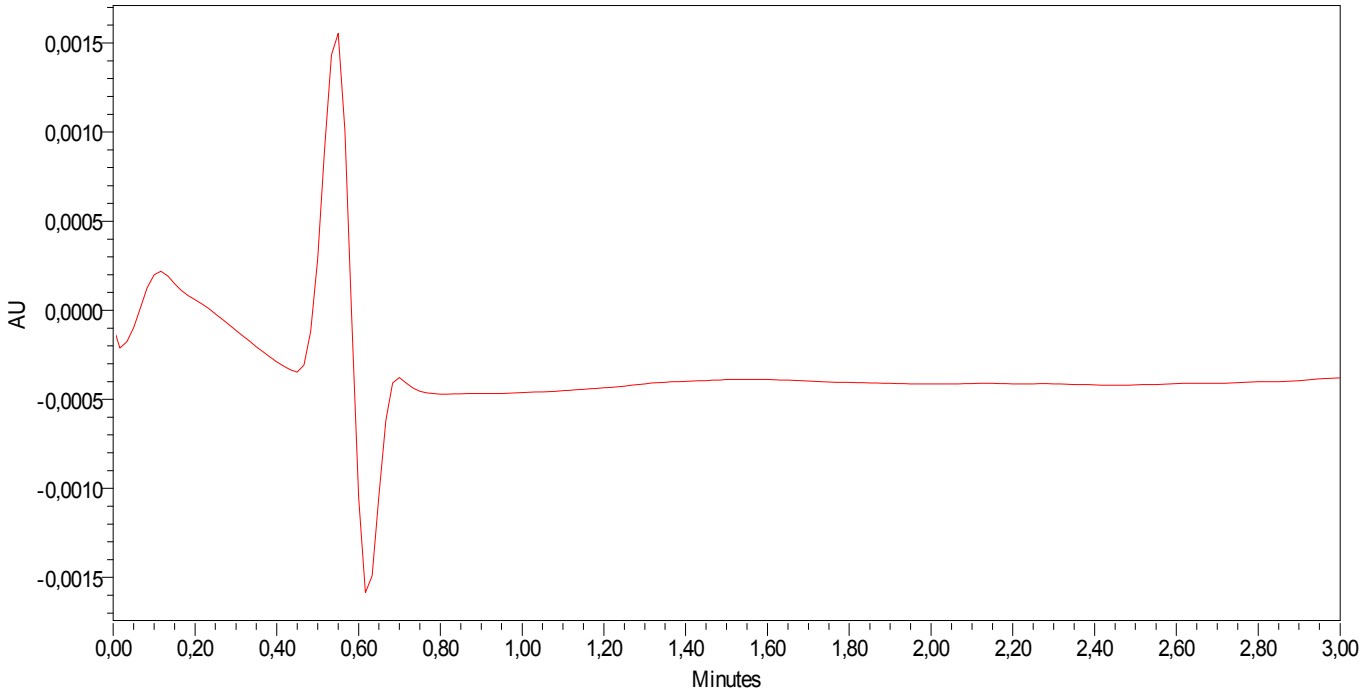
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,643	1648582	237115		

SAMPLE INFORMATION

Sample Name:	Branco 3	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	PCIN
Vial:	1	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	20,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 12:24:14 BRT		
Date Processed:	20/09/2021 13:01:54 BRT		

Auto-Scaled Chromatogram



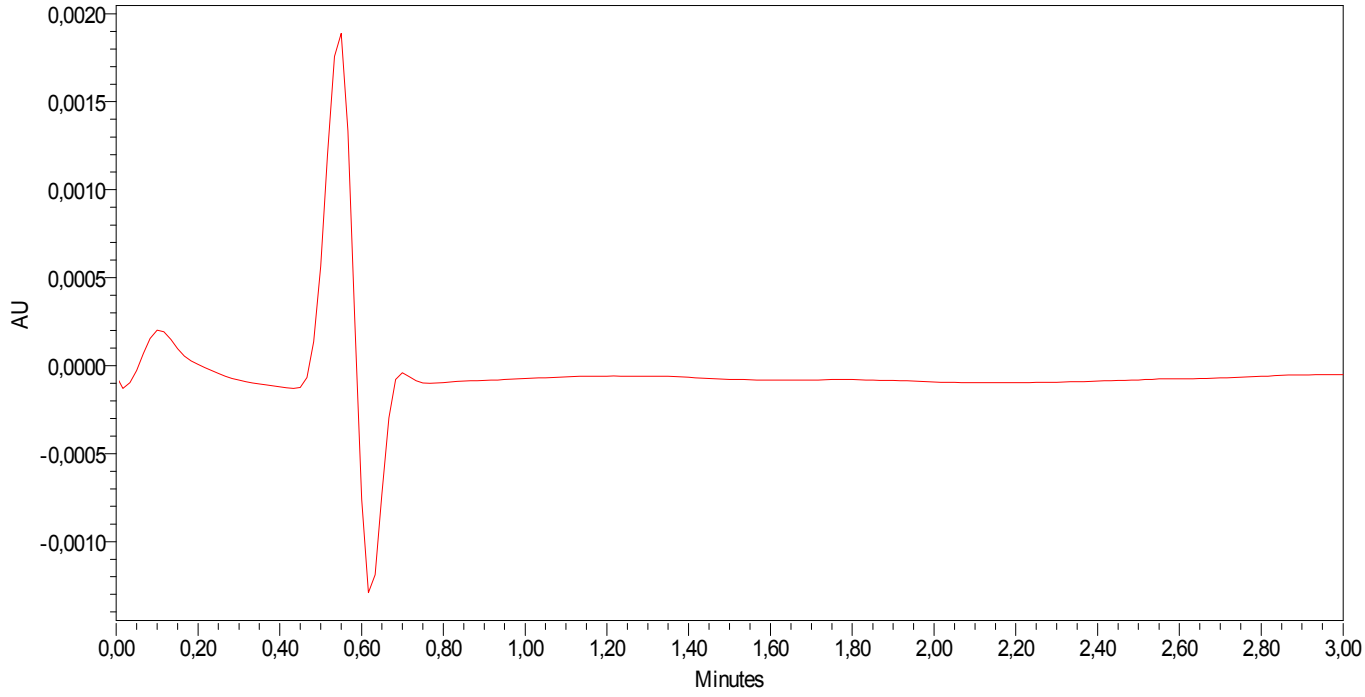
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,631				

SAMPLE INFORMATION

Sample Name:	LDUV 1	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	LDUV
Vial:	1	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	20,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 13:02:17 BRT		
Date Processed:	20/09/2021 13:27:50 BRT		

Auto-Scaled Chromatogram



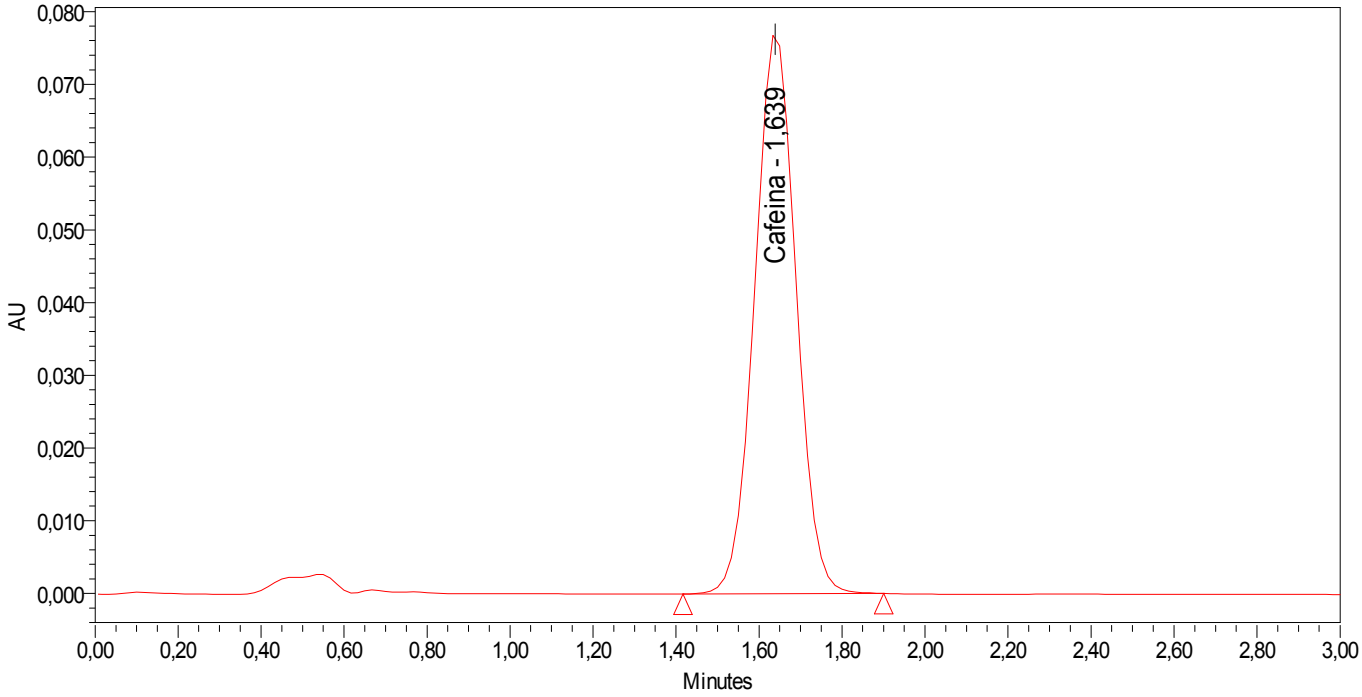
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,631				

SAMPLE INFORMATION

Sample Name:	LDUV 2	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	LDUV
Vial:	2	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	20,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 13:05:59 BRT		
Date Processed:	20/09/2021 13:27:56 BRT		

Auto-Scaled Chromatogram



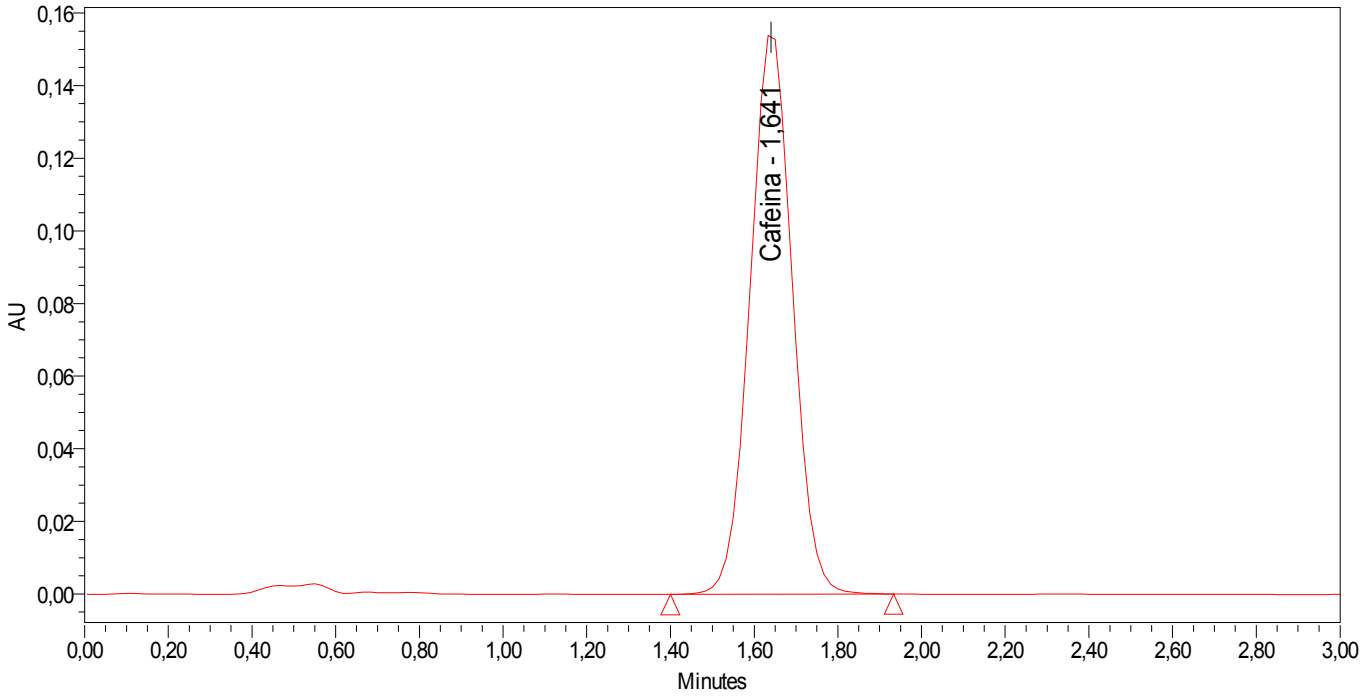
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,639	533866	76961		

SAMPLE INFORMATION

Sample Name:	LDUV 3	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	LDUV
Vial:	3	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	20,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 13:09:45 BRT		
Date Processed:	20/09/2021 13:28:00 BRT		

Auto-Scaled Chromatogram



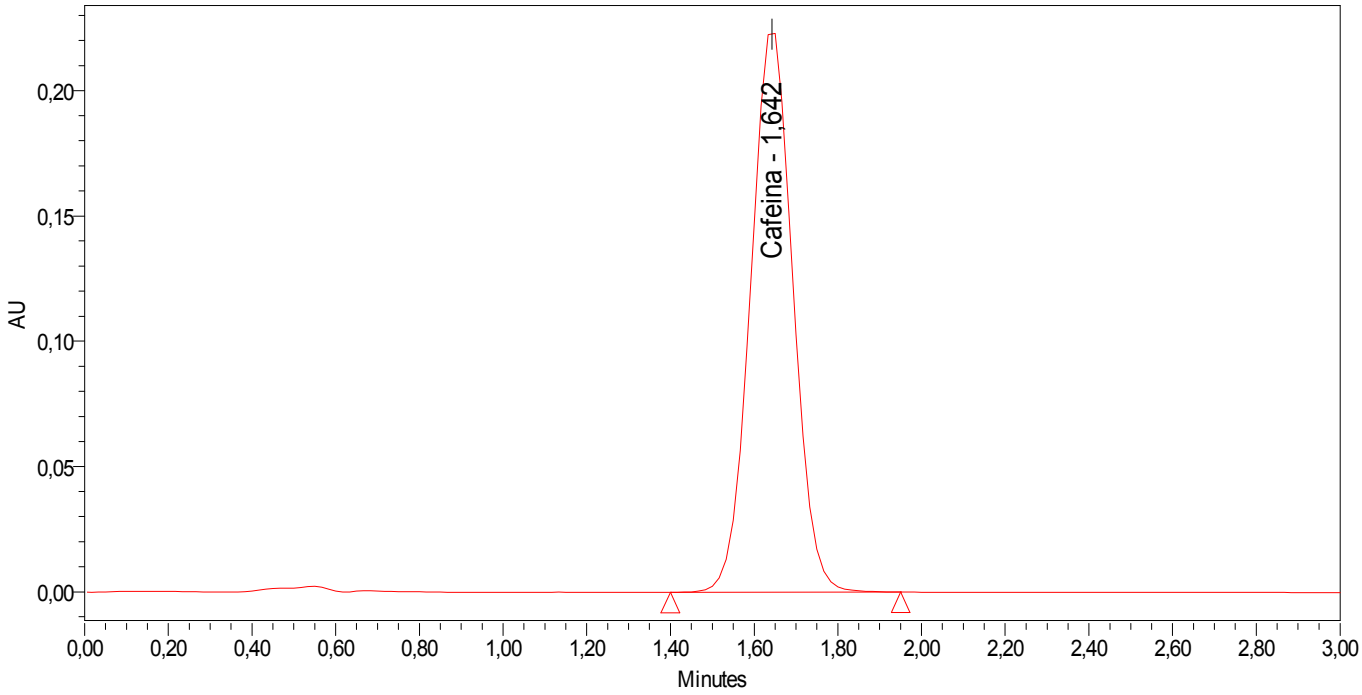
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,641	1086208	154831		

SAMPLE INFORMATION

Sample Name:	LDUV 4	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	LDUV
Vial:	4	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	20,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 13:13:29 BRT		
Date Processed:	20/09/2021 13:28:06 BRT		

Auto-Scaled Chromatogram



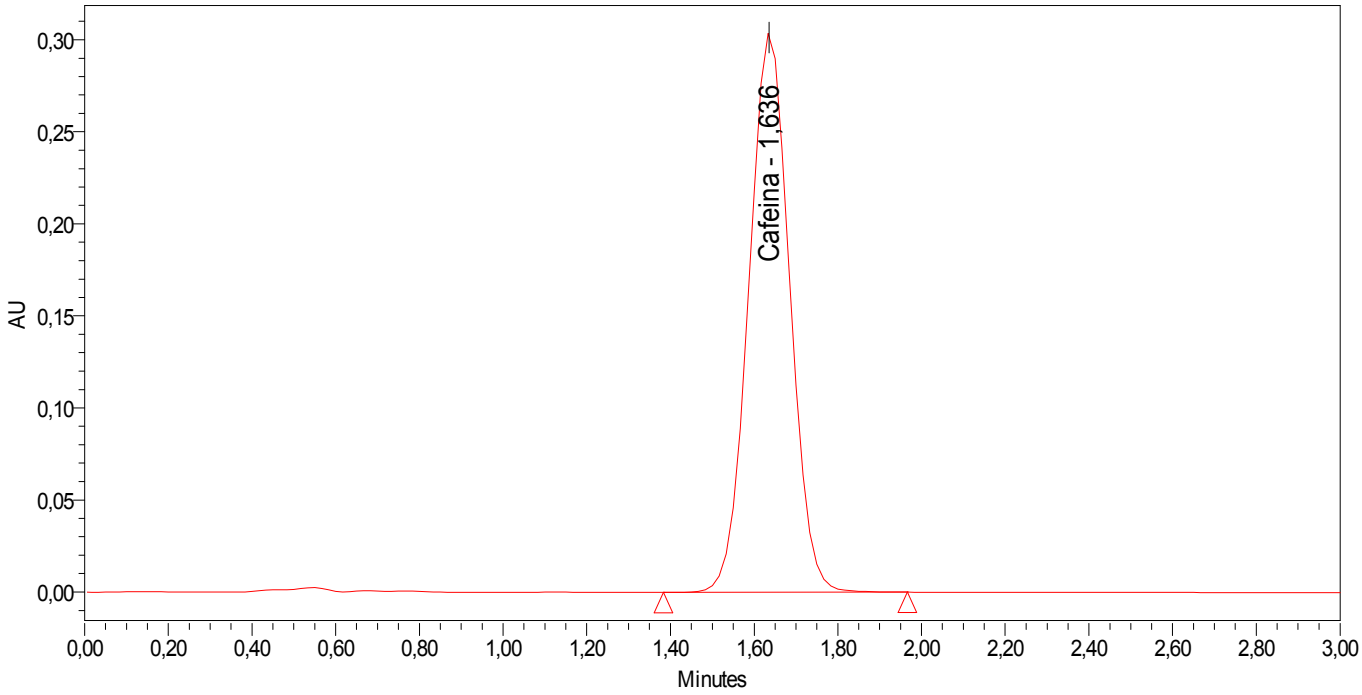
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,642	1574389	224644		

SAMPLE INFORMATION

Sample Name:	LDUV 5	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	LDUV
Vial:	5	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	20,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 13:17:13 BRT		
Date Processed:	20/09/2021 13:28:10 BRT		

Auto-Scaled Chromatogram



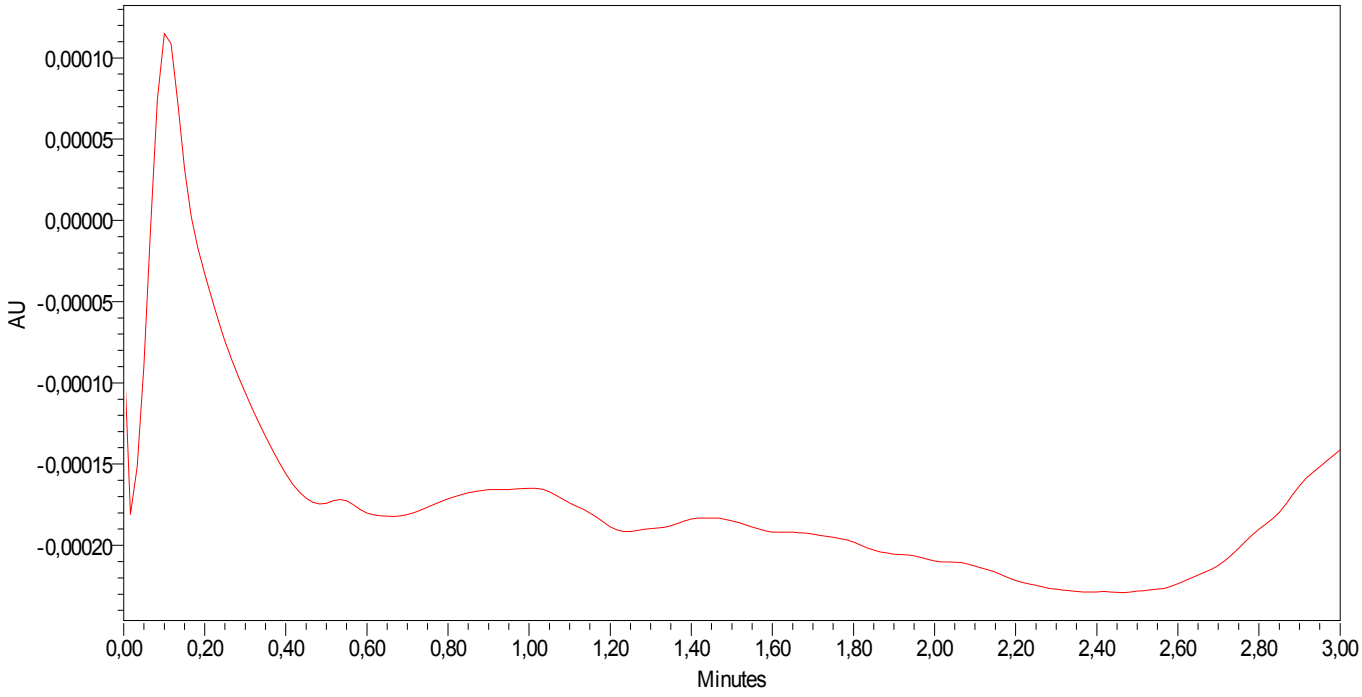
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,636	2066920	302655		

SAMPLE INFORMATION

Sample Name:	LIIN 1	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	LIIN
Vial:	1	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	0,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 13:31:05 BRT		
Date Processed:	20/09/2021 13:52:07 BRT		

Auto-Scaled Chromatogram



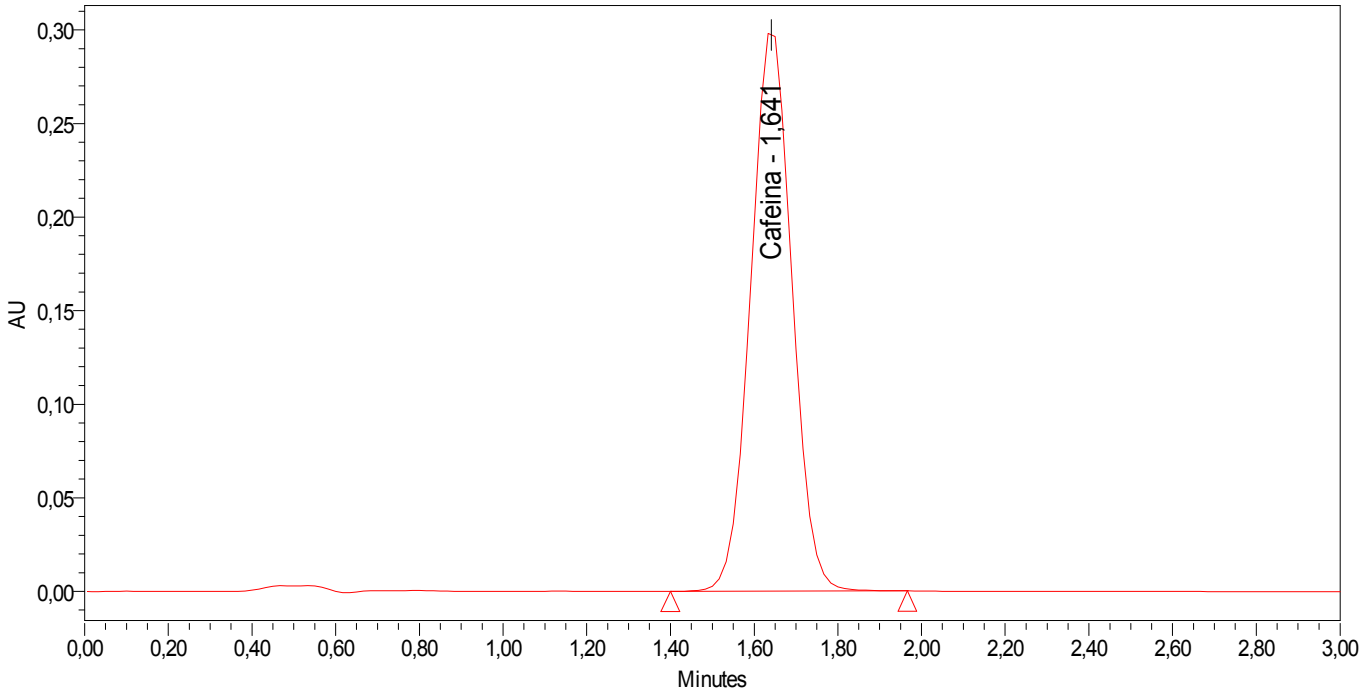
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,631				

SAMPLE INFORMATION

Sample Name:	LIIN 2	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	LIIN
Vial:	1	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	25,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 13:35:22 BRT		
Date Processed:	20/09/2021 13:52:12 BRT		

Auto-Scaled Chromatogram



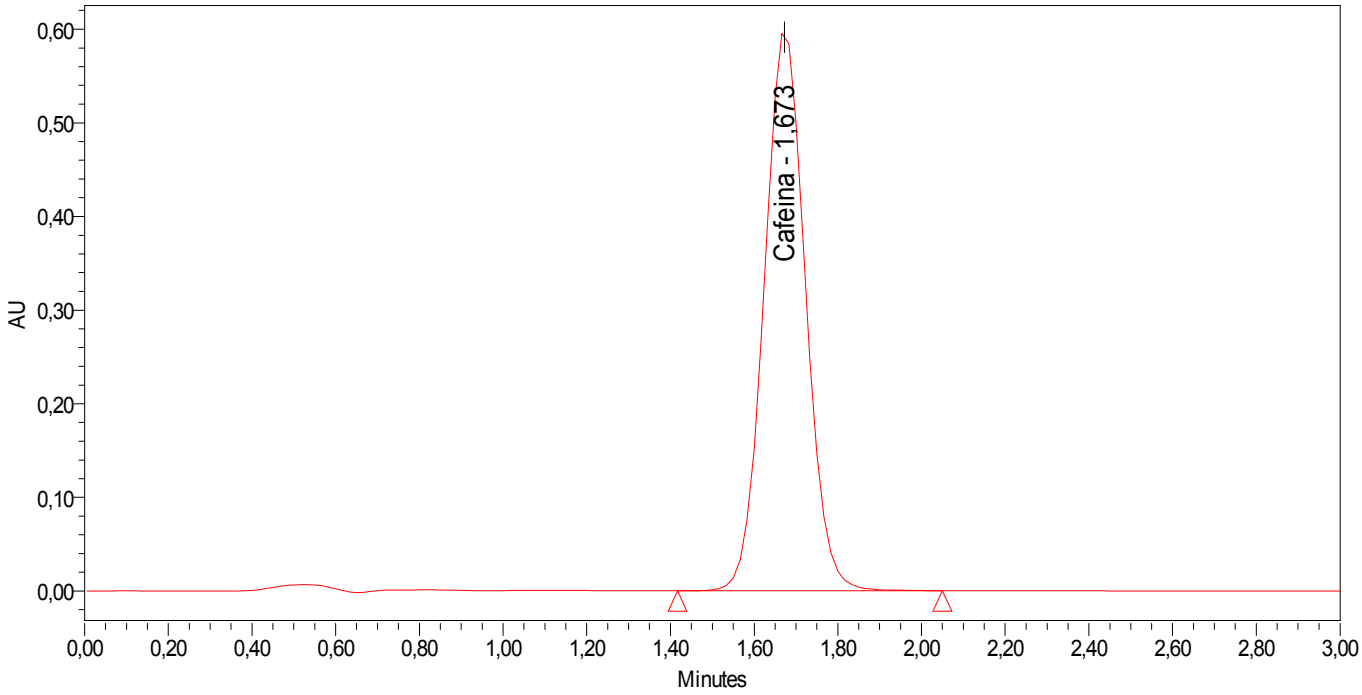
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,641	2053692	300113		

SAMPLE INFORMATION

Sample Name:	LIIN 3	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	LIIN
Vial:	1	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	50,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 13:39:21 BRT		
Date Processed:	20/09/2021 13:52:17 BRT		

Auto-Scaled Chromatogram



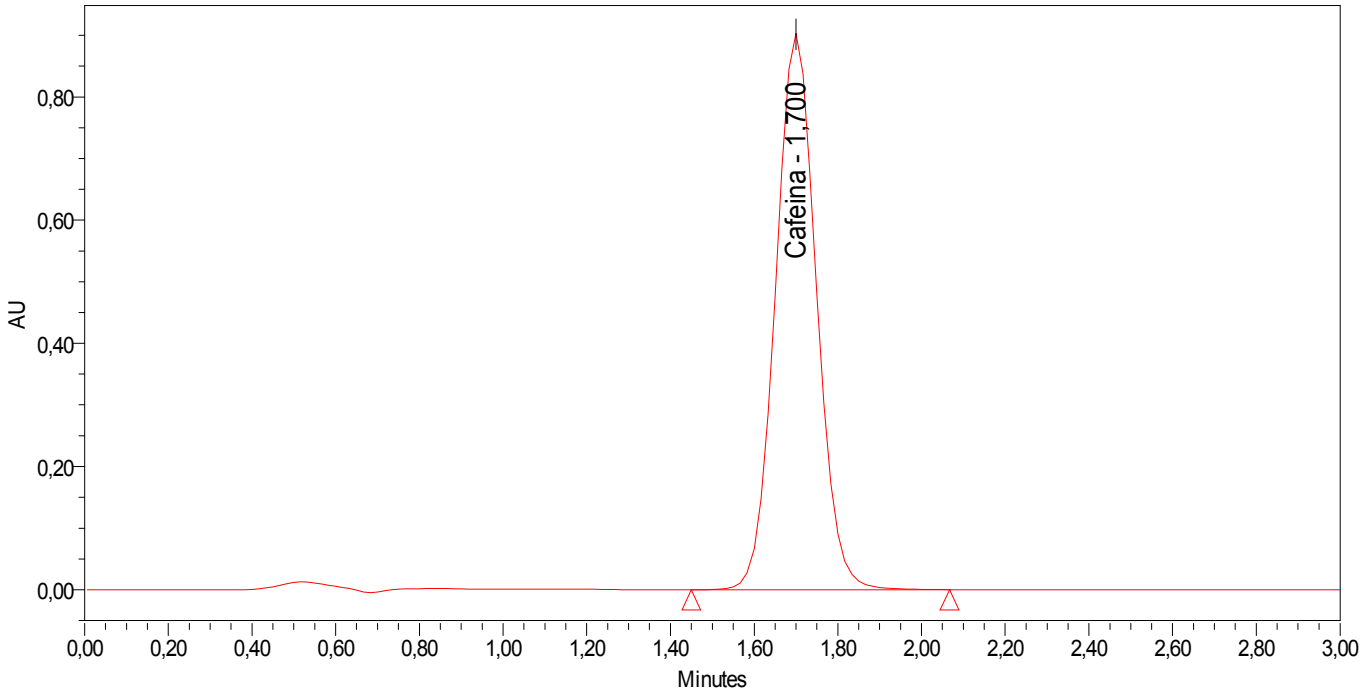
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,673	4104017	596814		

SAMPLE INFORMATION

Sample Name:	LIIN 4	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	LIIN
Vial:	1	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificação
Injection Volume:	75,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 13:43:28 BRT		
Date Processed:	20/09/2021 13:52:23 BRT		

Auto-Scaled Chromatogram



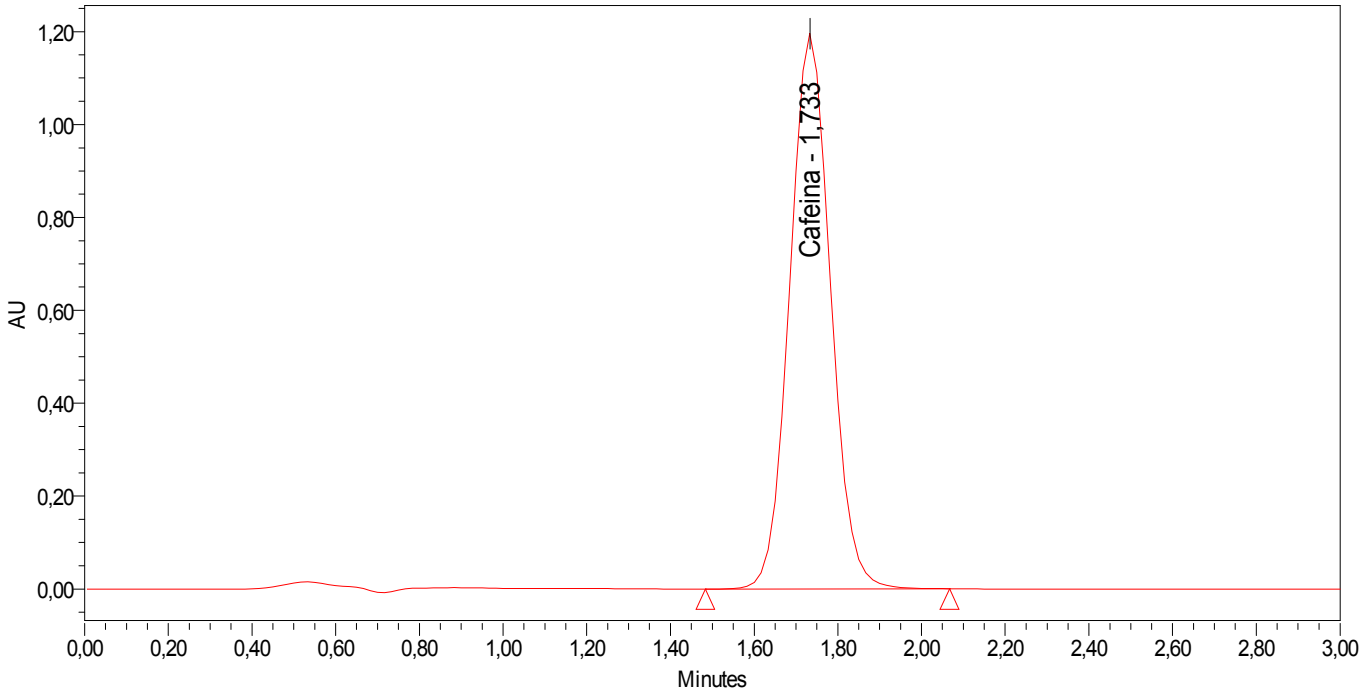
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,700	6127759	898598		

SAMPLE INFORMATION

Sample Name:	LIIN 5	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	LIIN
Vial:	1	Acq. Method Set:	Qualificação
Injection #:	1	Processing Method:	Qualificaçao
Injection Volume:	100,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 13:47:45 BRT		
Date Processed:	20/09/2021 13:52:37 BRT		

Auto-Scaled Chromatogram



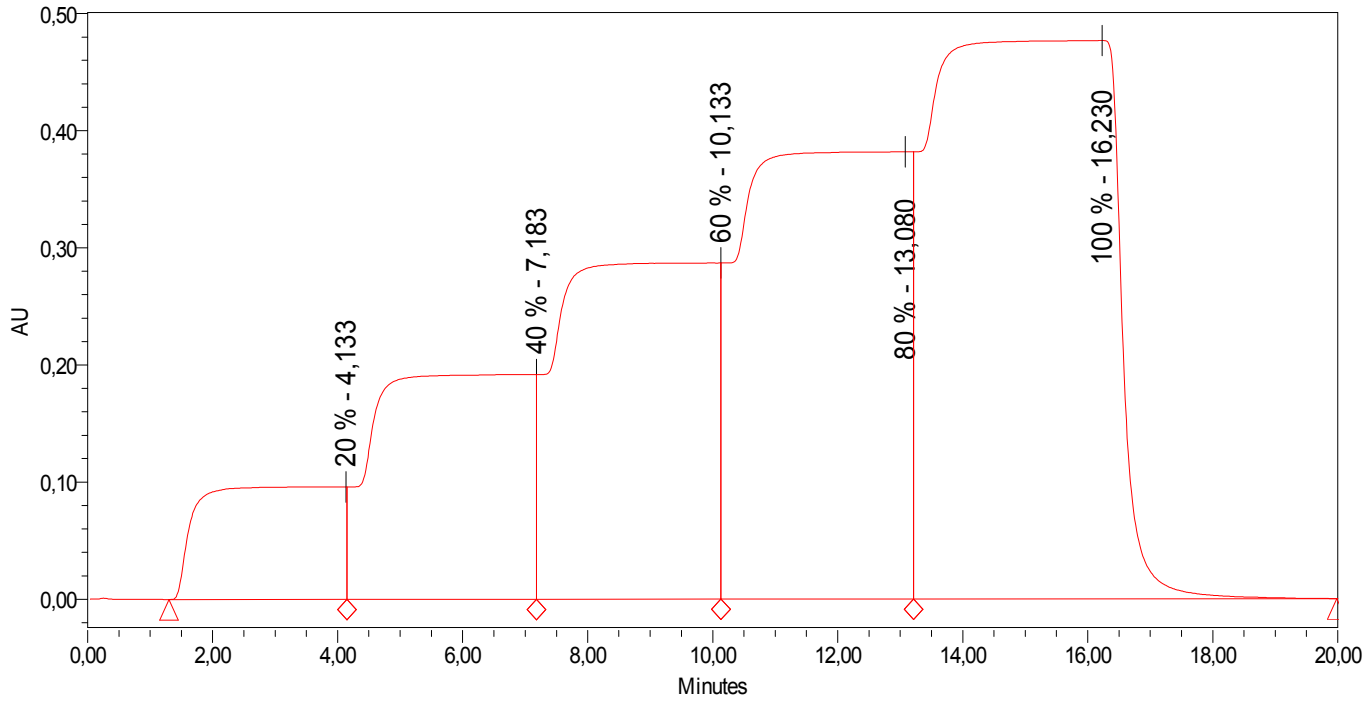
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,733	8100546	1190180		

SAMPLE INFORMATION

Sample Name:	Grad AB	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	Grad AB
Vial:	1	Acq. Method Set:	Grad AB
Injection #:	1	Processing Method:	Grad
Injection Volume:	0,00 ul	Channel Name:	W2489 ChA
Run Time:	20,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 14:23:12 BRT		
Date Processed:	20/09/2021 14:47:15 BRT		

Auto-Scaled Chromatogram



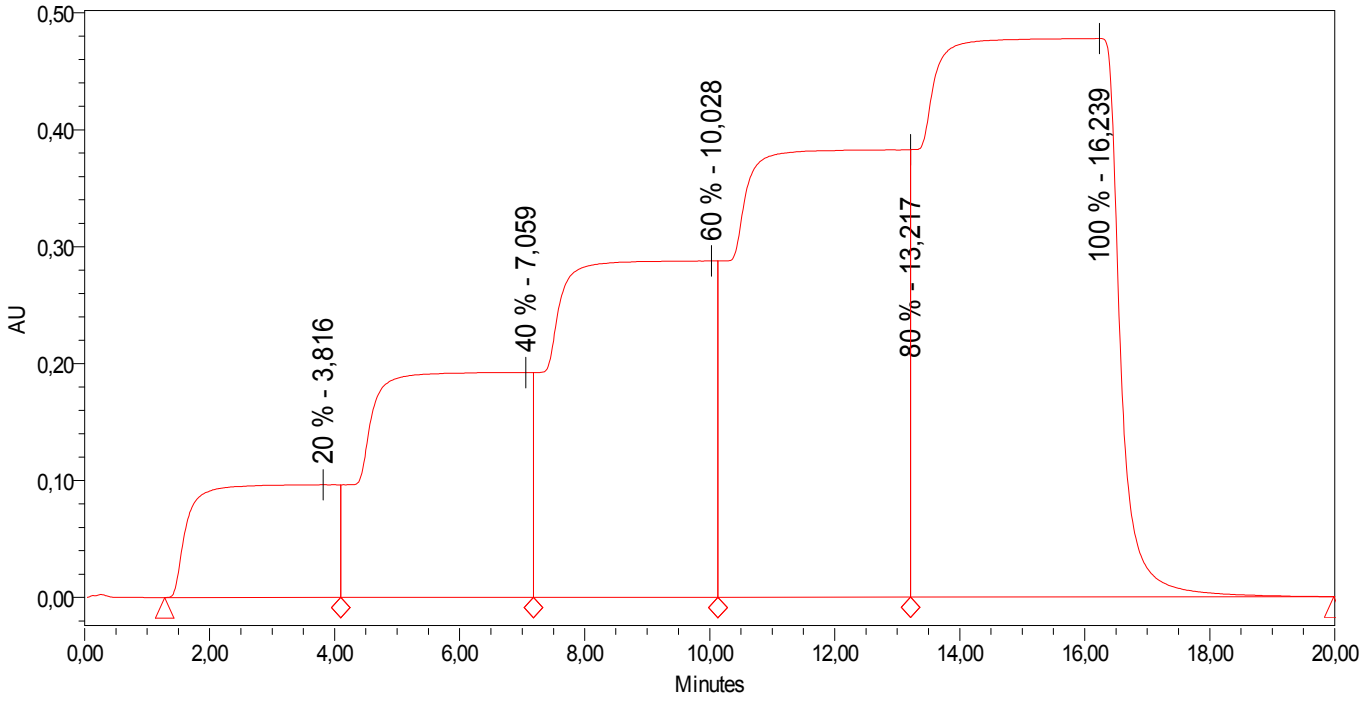
Peak Results

	Name	RT	Height
1	20 %	4,133	96088
2	40 %	7,183	191886
3	60 %	10,133	287018
4	80 %	13,080	381784
5	100 %	16,230	476535

SAMPLE INFORMATION

Sample Name:	Grad CD	Acquired By:	System
Sample Type:	Unknown	Sample Set Name:	Grad CD
Vial:	1	Acq. Method Set:	Grad CD
Injection #:	1	Processing Method:	Grad
Injection Volume:	0,00 ul	Channel Name:	W2489 ChA
Run Time:	20,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	20/09/2021 14:52:43 BRT		
Date Processed:	20/09/2021 15:14:31 BRT		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Height
1	20 %	3,816	96299
2	40 %	7,059	192295
3	60 %	10,028	287546
4	80 %	13,217	382440
5	100 %	16,239	477310