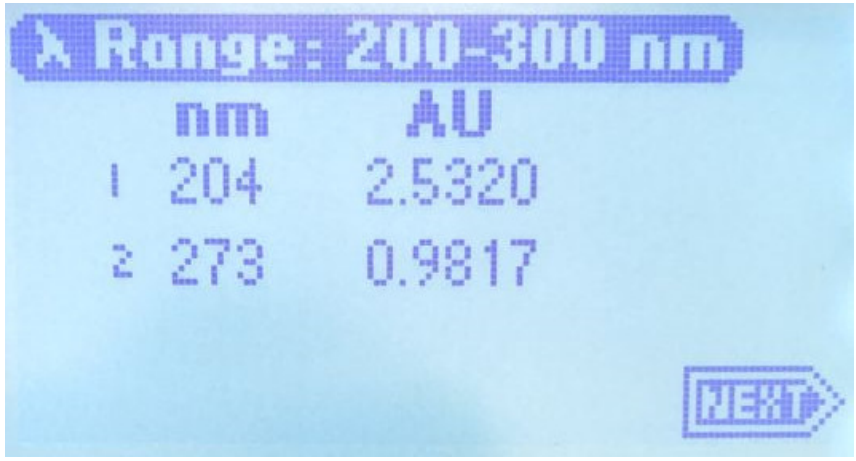
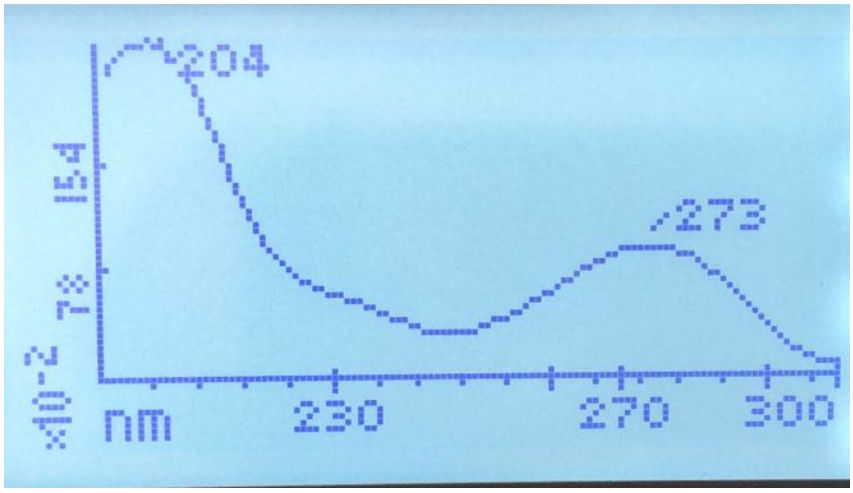
Certificado N°: 222/21

- **DETECTOR UV-Vis - WATERS 2489 - D2187E241A:**



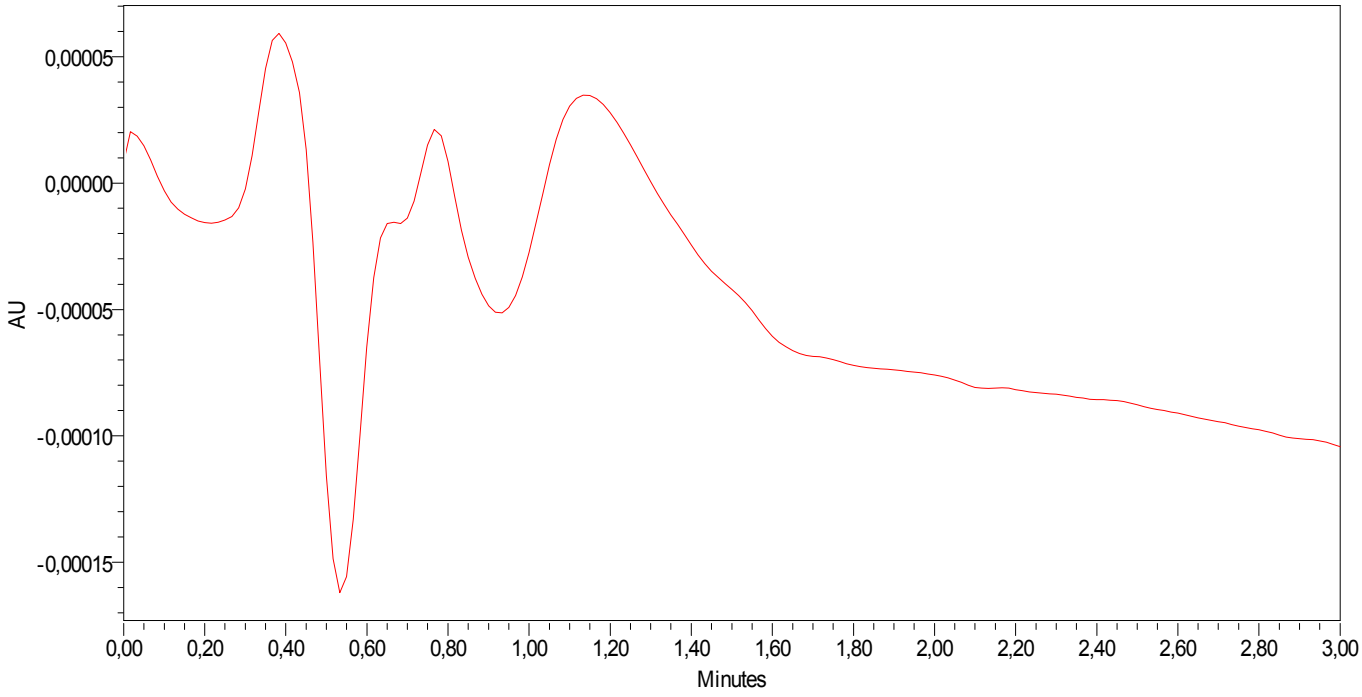


QPack Soluções Analíticas Ltda.
Rua Ema Gazzi Magnusson, 138 – Comercial Vitoria Martini – Indaiatuba – SP – CEP 13347-630
Site: www.qpack.com.br - Fone: 55 (19) 2660-1110
E-mail: qpack@qpack.com.br

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:	23/09/2021 15:50:18 BRT		
Date Processed:	23/09/2021 16:26:25 BRT		

Auto-Scaled Chromatogram



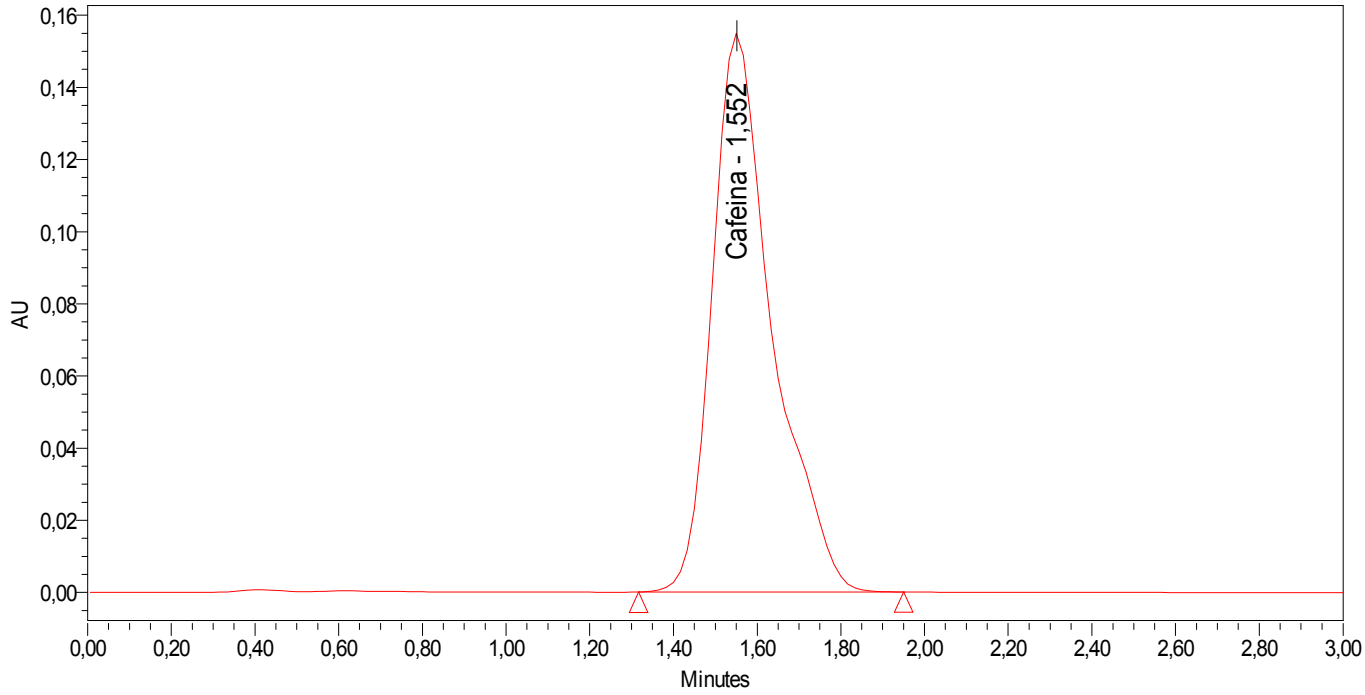
Peak Results

	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:	23/09/2021 15:54:06 BRT		
Date Processed:	23/09/2021 16:26:31 BRT		

Auto-Scaled Chromatogram



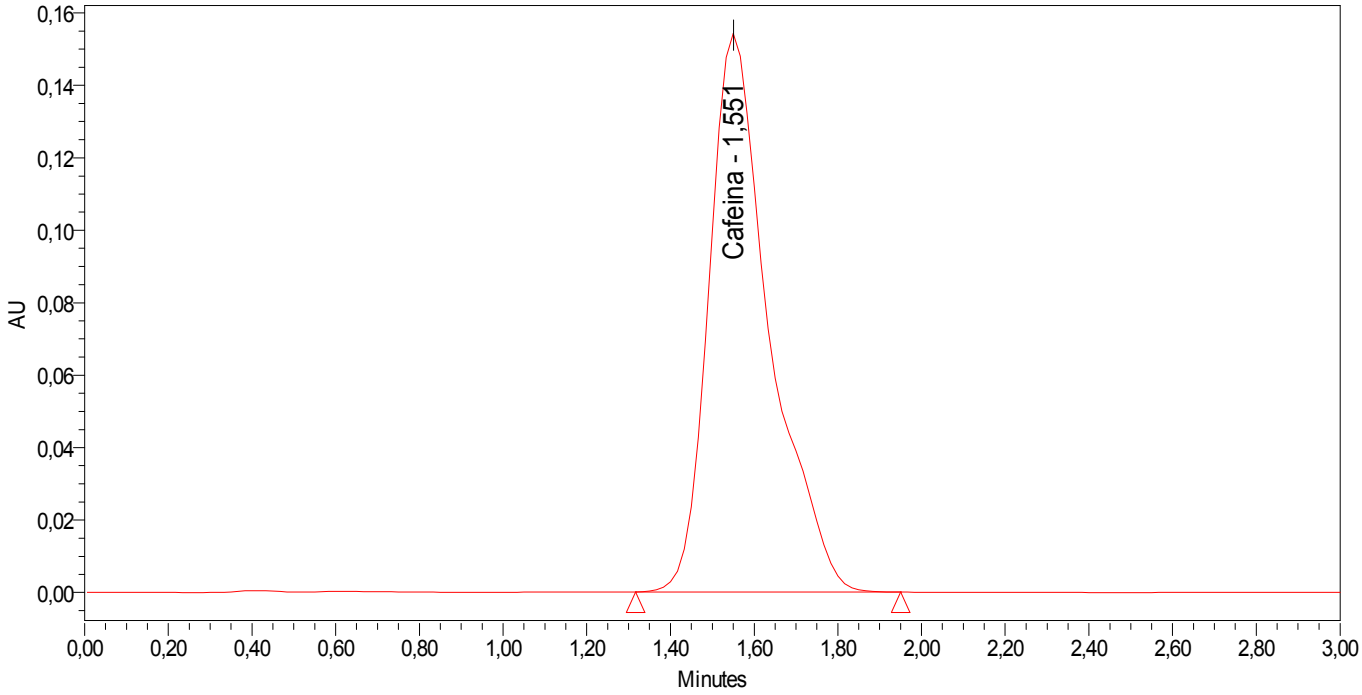
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,552	1543728	154564		

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:	23/09/2021 15:57:54 BRT		
Date Processed:	23/09/2021 16:26:36 BRT		

Auto-Scaled Chromatogram



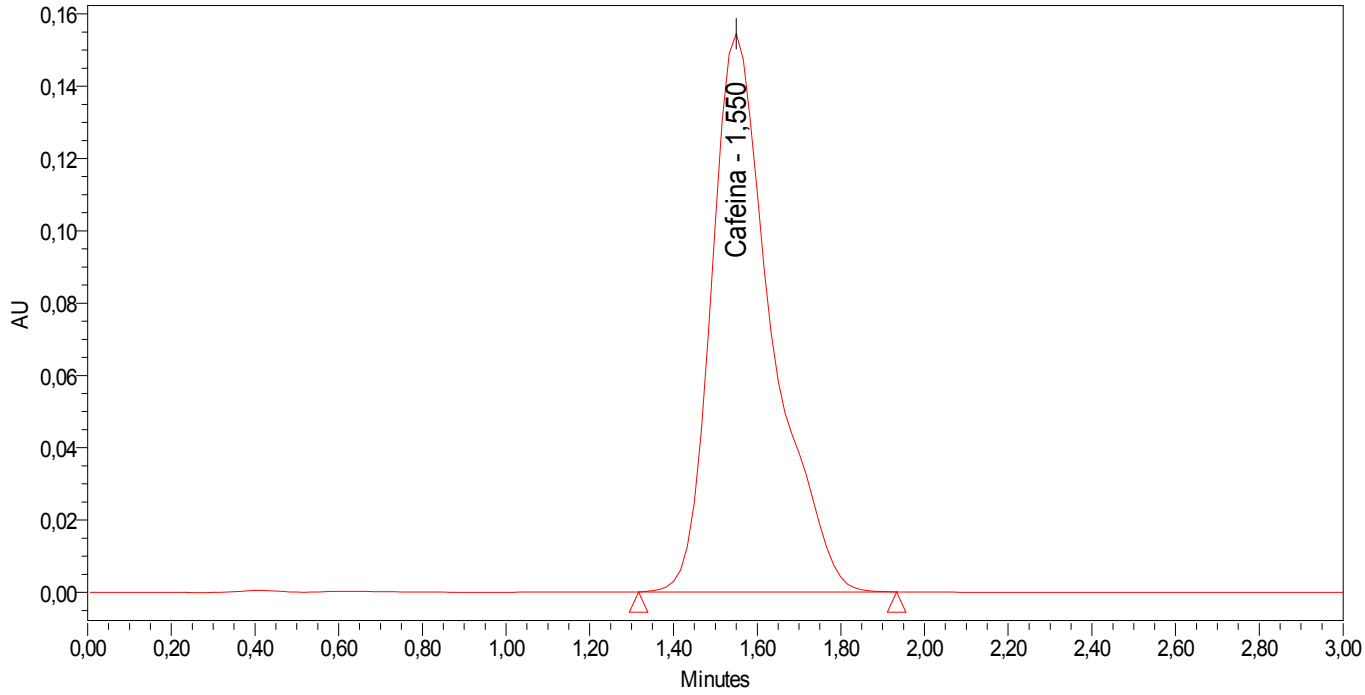
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,551	1544651	153879		

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:	23/09/2021 16:01:41 BRT		
Date Processed:	23/09/2021 16:26:42 BRT		

Auto-Scaled Chromatogram



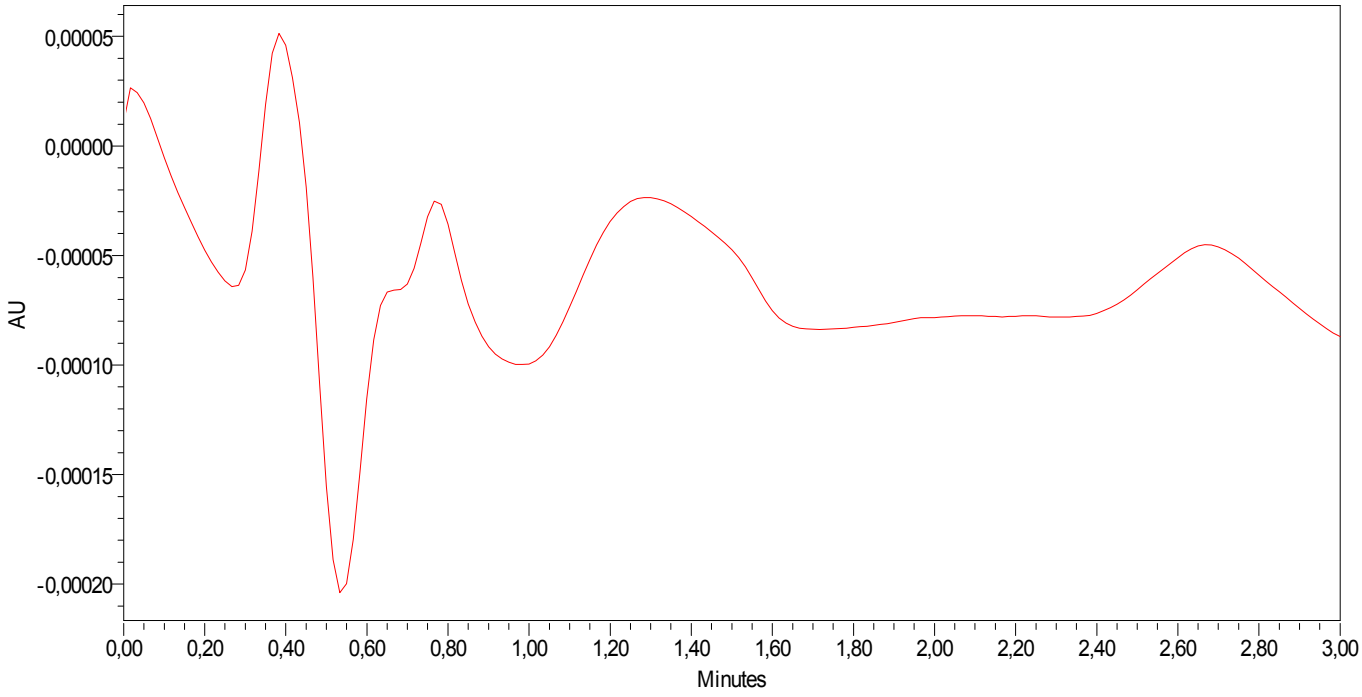
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,550	1544894	154138		

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:	23/09/2021 16:05:31 BRT		
Date Processed:	23/09/2021 16:26:47 BRT		

Auto-Scaled Chromatogram



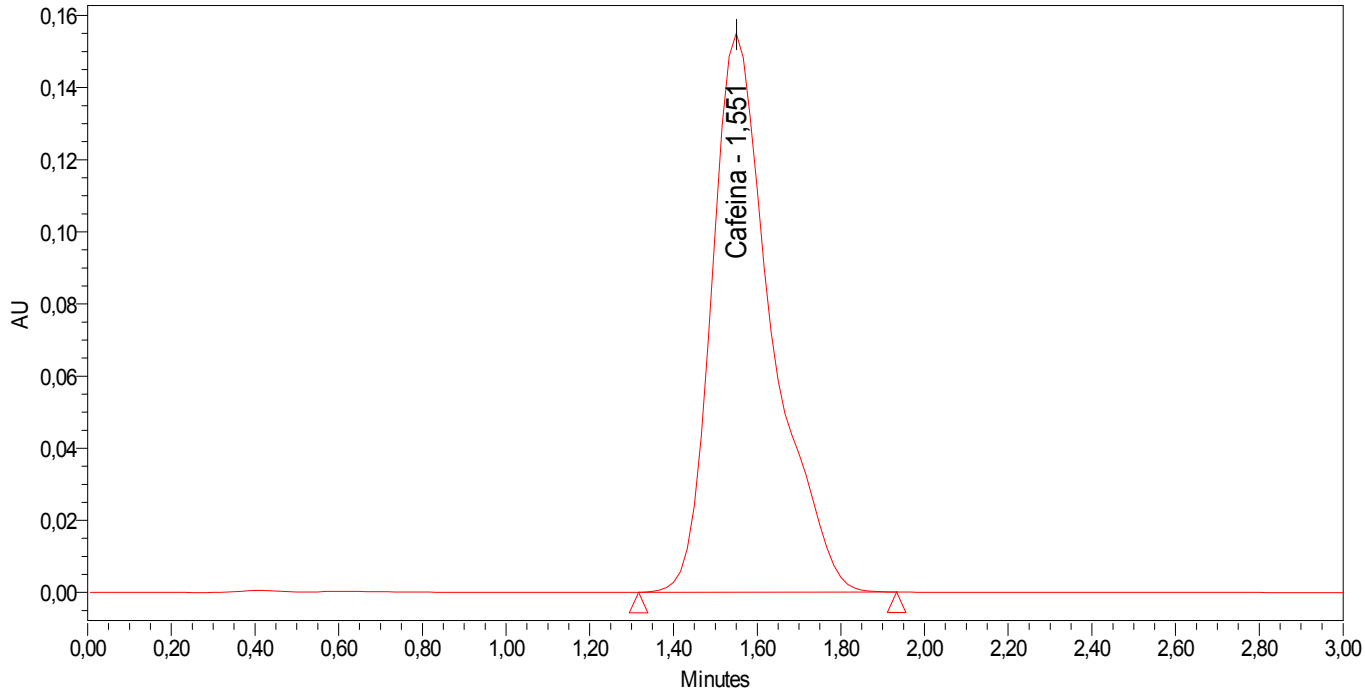
Peak Results

	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:	23/09/2021 16:09:17 BRT		
Date Processed:	23/09/2021 16:26:57 BRT		

Auto-Scaled Chromatogram



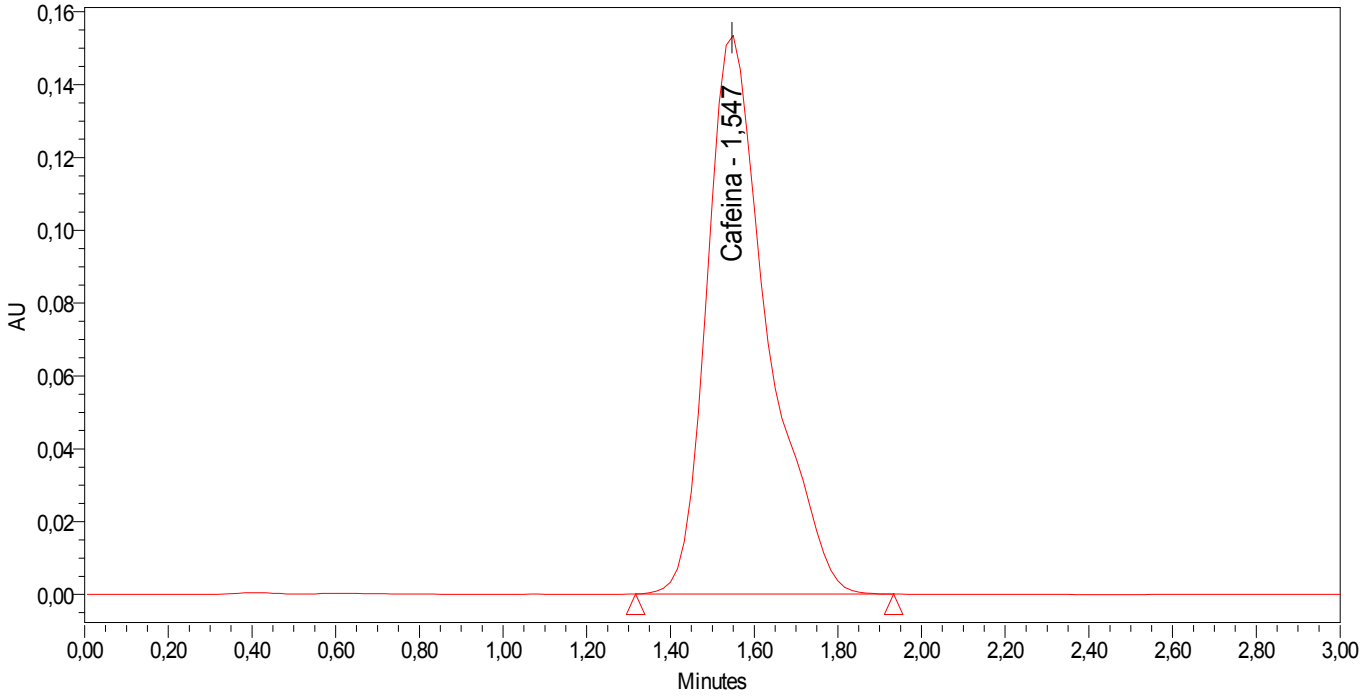
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,551	1544214	154615		

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:	23/09/2021 16:13:05 BRT		
Date Processed:	23/09/2021 16:27:33 BRT		

Auto-Scaled Chromatogram



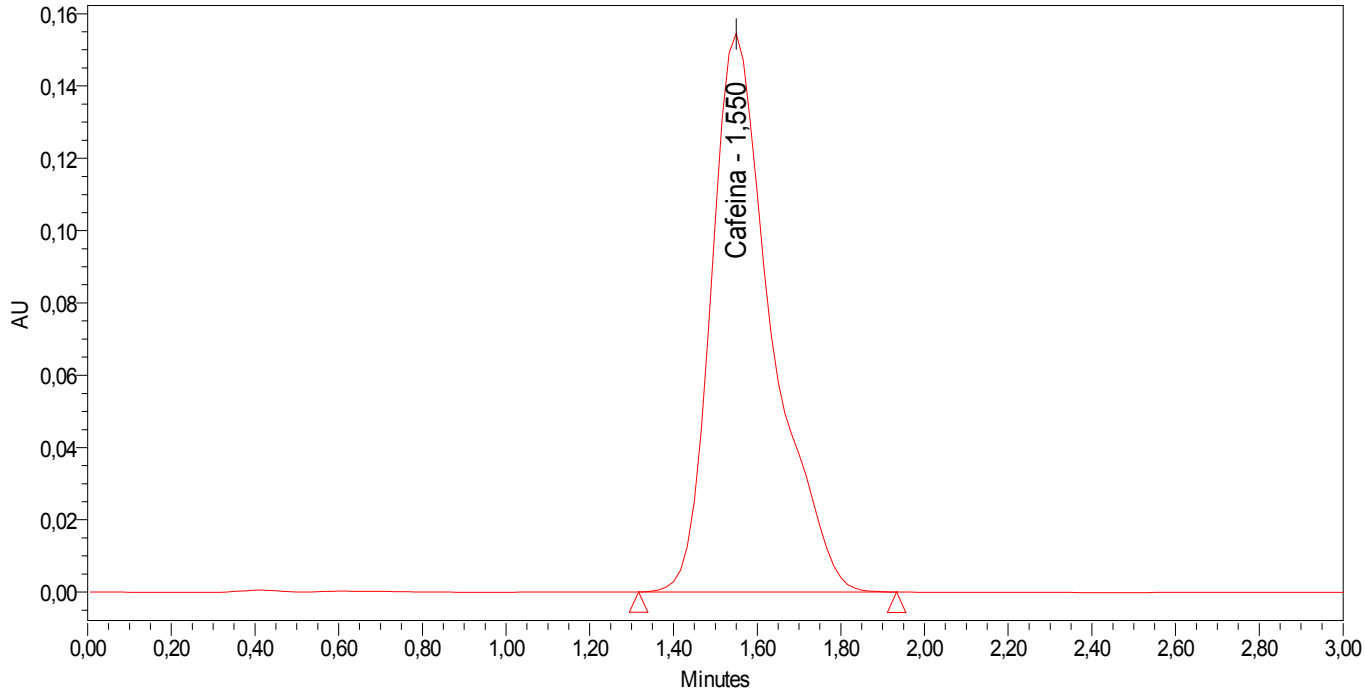
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,547	1544402	153347		

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:	23/09/2021 16:16:53 BRT		
Date Processed:	23/09/2021 16:27:44 BRT		

Auto-Scaled Chromatogram



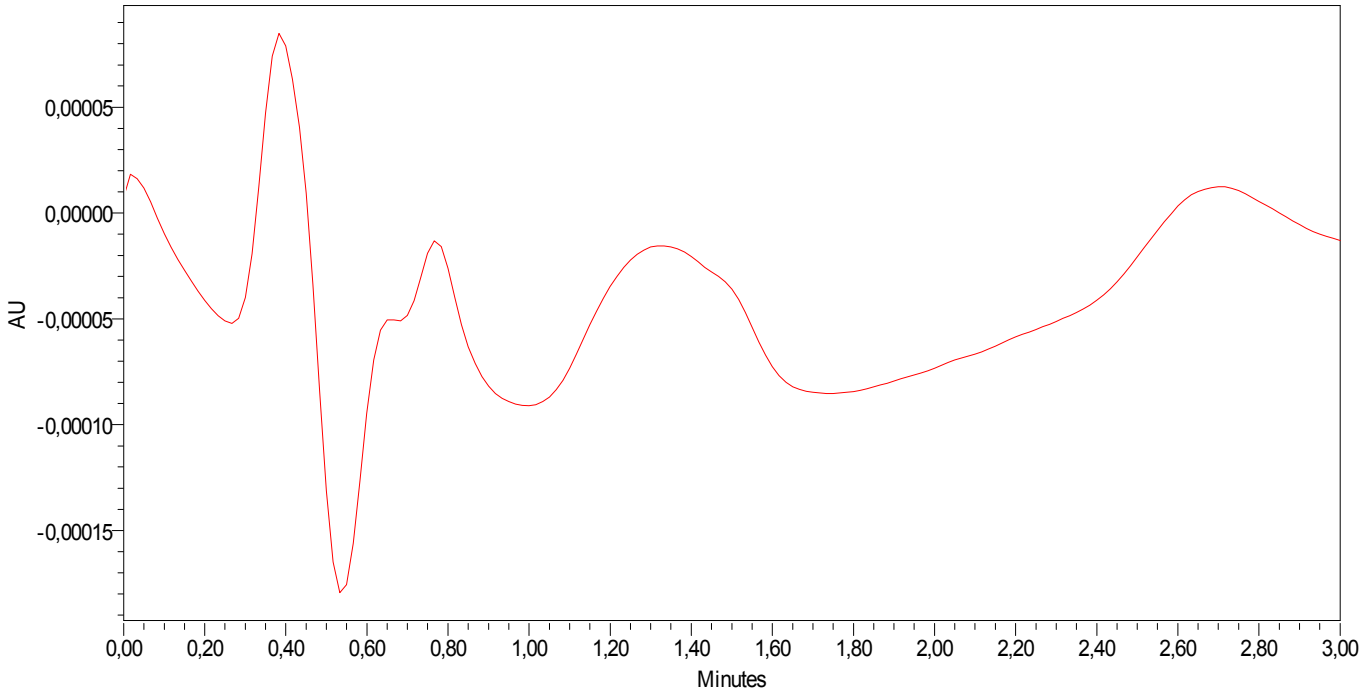
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,550	1544836	154191		

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:	23/09/2021 16:20:44 BRT		
Date Processed:	23/09/2021 16:27:49 BRT		

Auto-Scaled Chromatogram



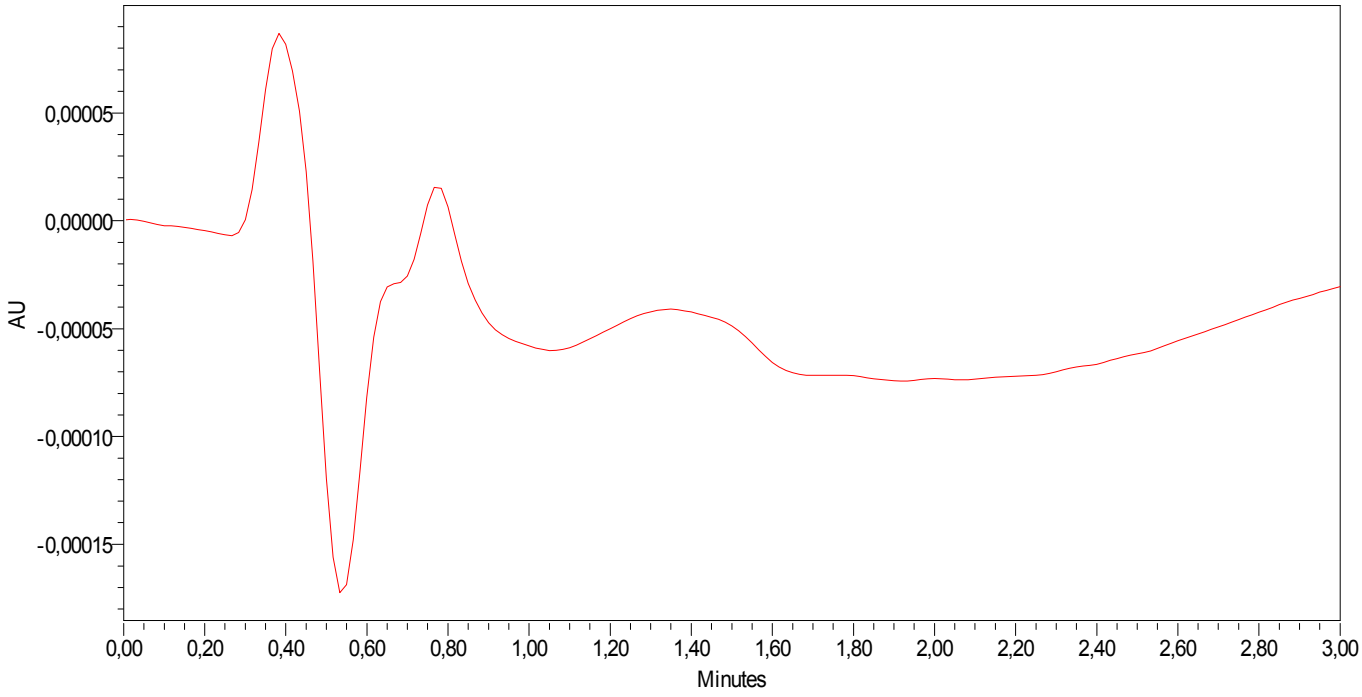
Peak Results

	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:	23/09/2021 16:27:27 BRT		
Date Processed:	23/09/2021 16:46:59 BRT		

Auto-Scaled Chromatogram



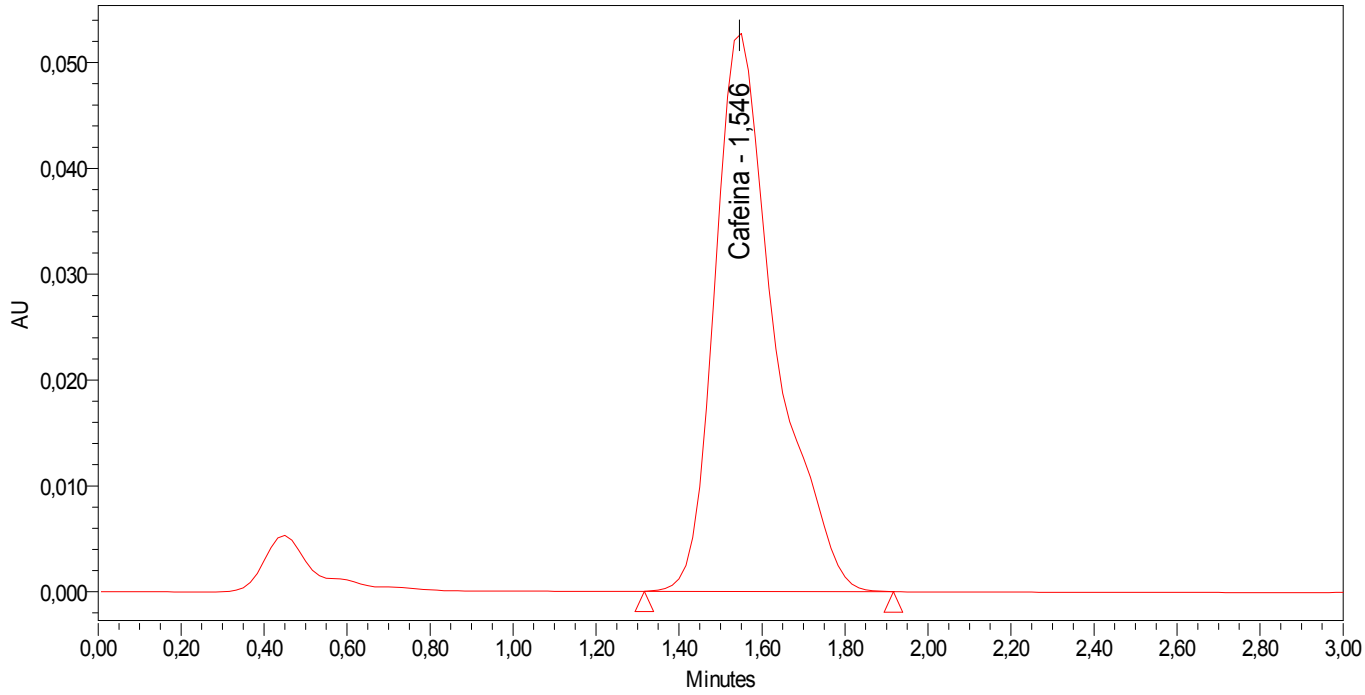
Peak Results

	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:	23/09/2021 16:31:14 BRT		
Date Processed:	23/09/2021 16:47:04 BRT		

Auto-Scaled Chromatogram



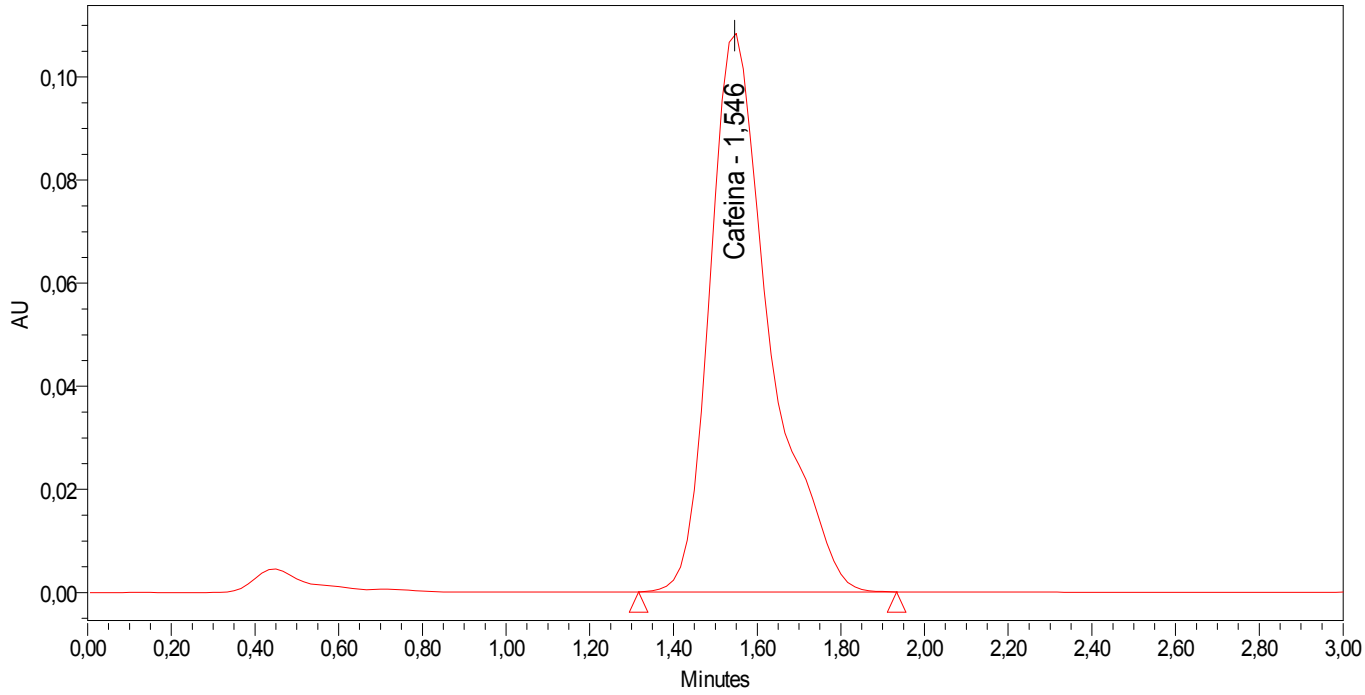
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,546	529358	52766		

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:	23/09/2021 16:35:01 BRT		
Date Processed:	23/09/2021 16:47:09 BRT		

Auto-Scaled Chromatogram



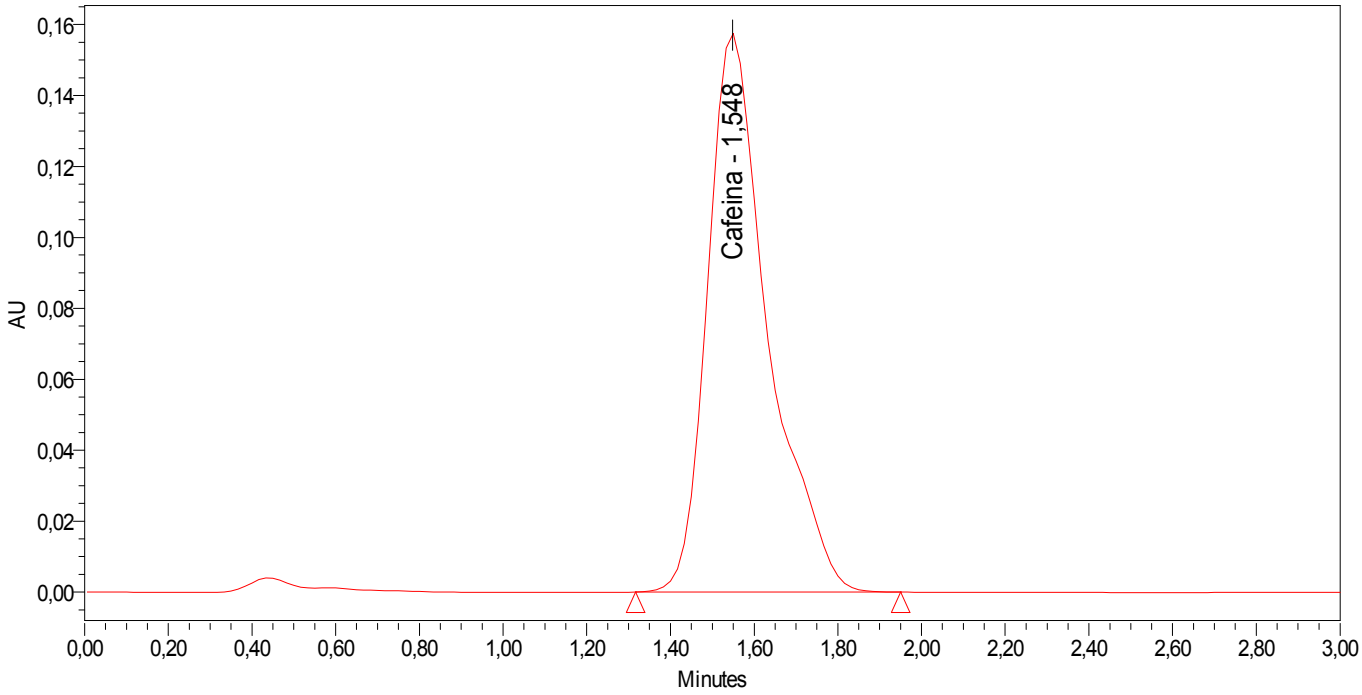
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,546	1079115	108314		

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:	23/09/2021 16:38:49 BRT		
Date Processed:	23/09/2021 16:47:14 BRT		

Auto-Scaled Chromatogram



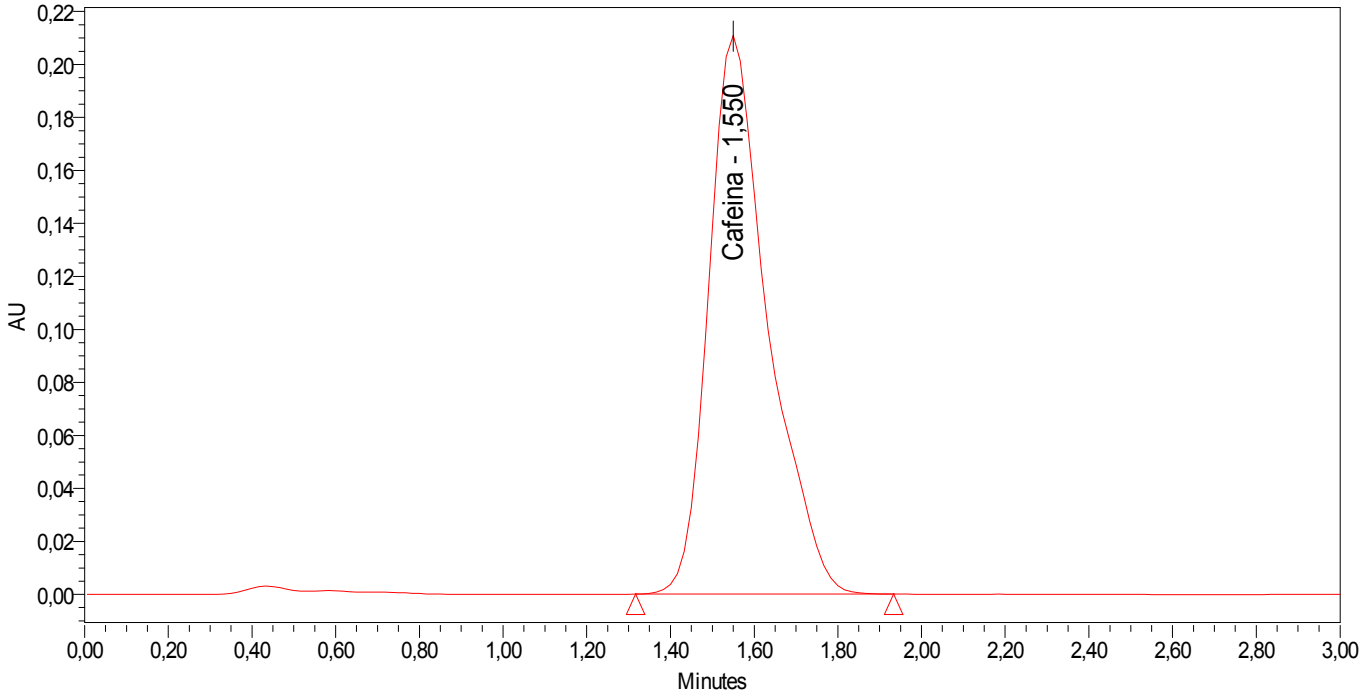
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,548	1574072	157246		

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:	23/09/2021 16:42:36 BRT		
Date Processed:	23/09/2021 16:47:19 BRT		

Auto-Scaled Chromatogram



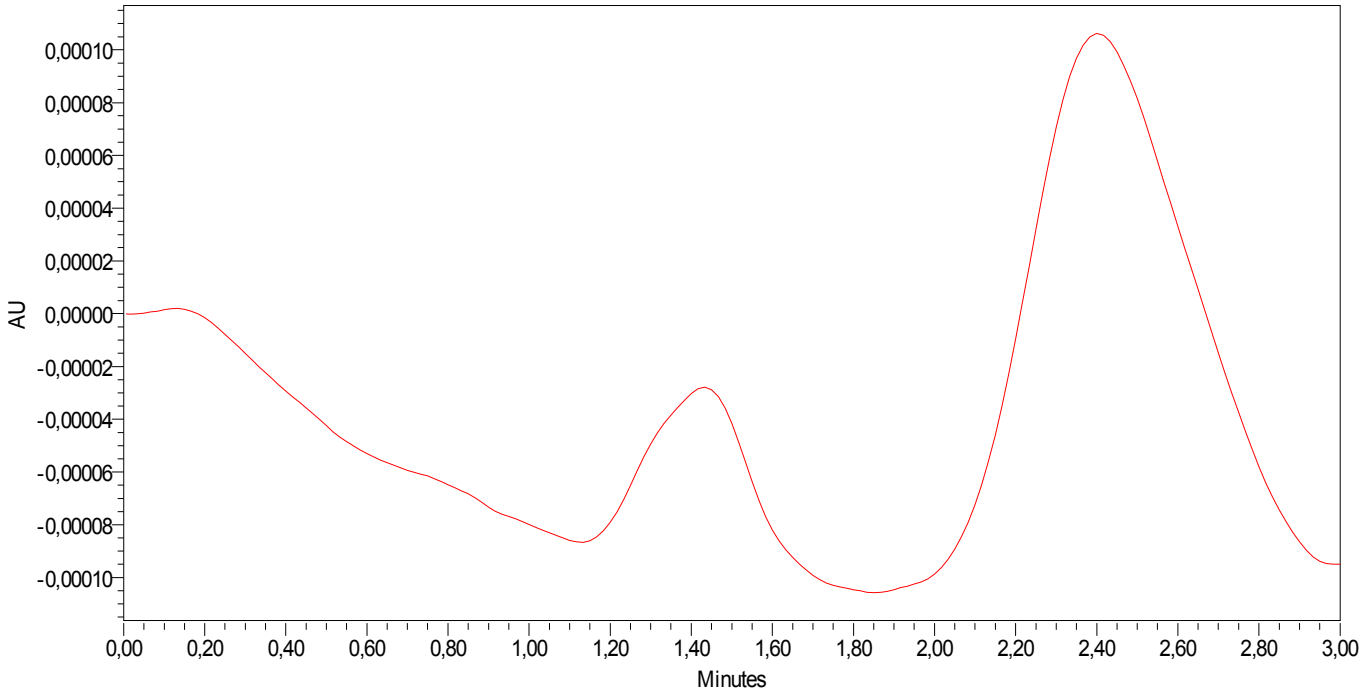
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,550	2067795	210381		

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:	23/09/2021 16:47:30 BRT		
Date Processed:	23/09/2021 17:09:49 BRT		

Auto-Scaled Chromatogram



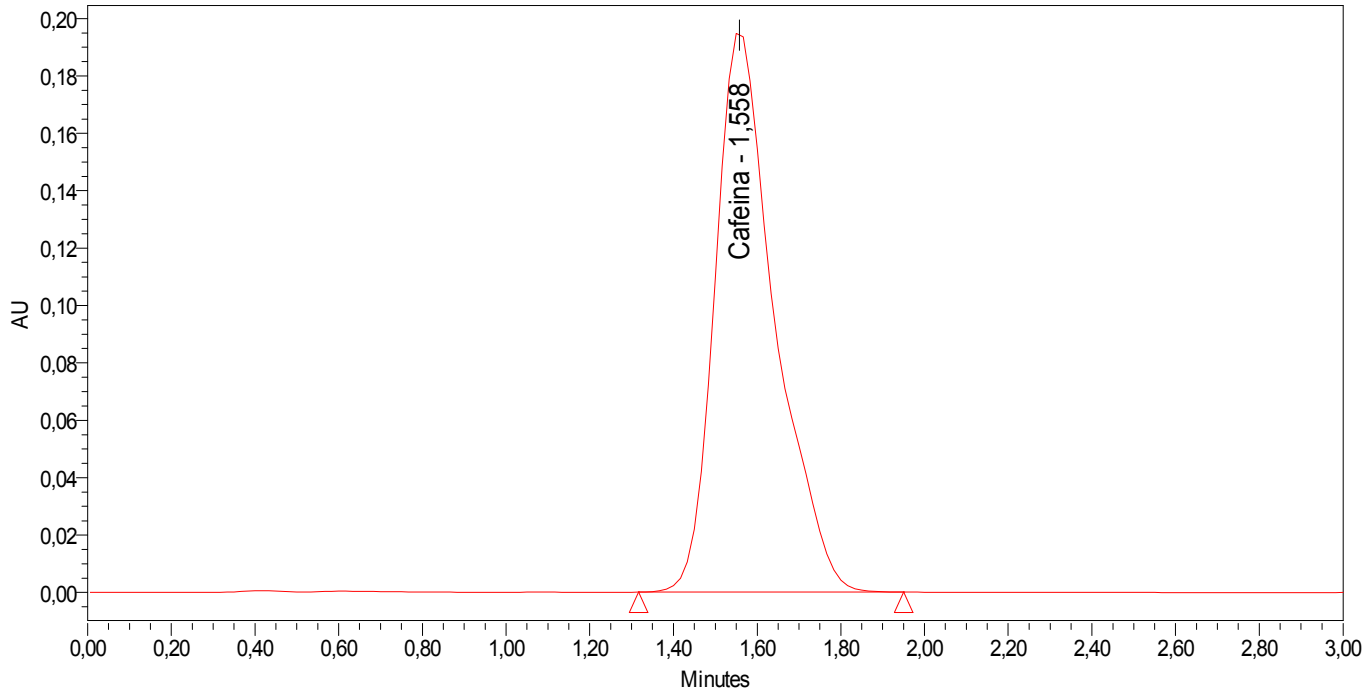
Peak Results

	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:	23/09/2021 16:51:47 BRT		
Date Processed:	23/09/2021 17:09:53 BRT		

Auto-Scaled Chromatogram



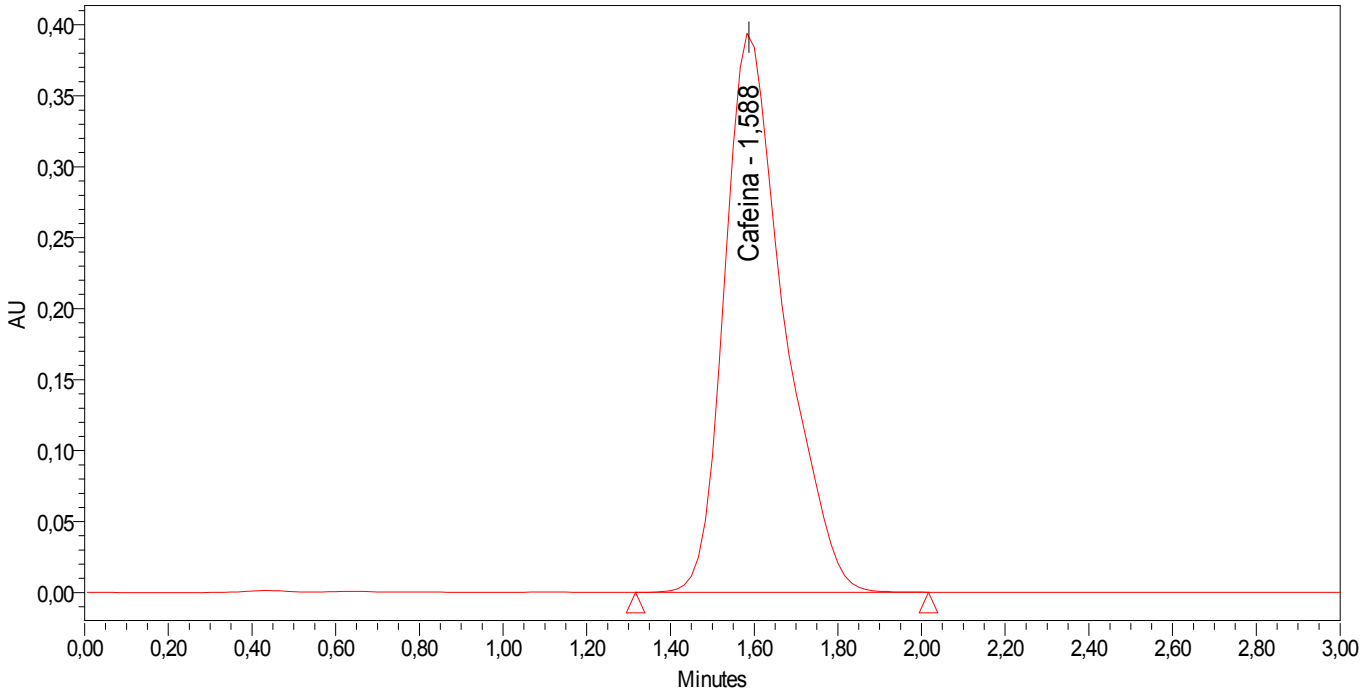
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,558	1935981	195976		

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:	23/09/2021 16:55:46 BRT		
Date Processed:	23/09/2021 17:09:58 BRT		

Auto-Scaled Chromatogram



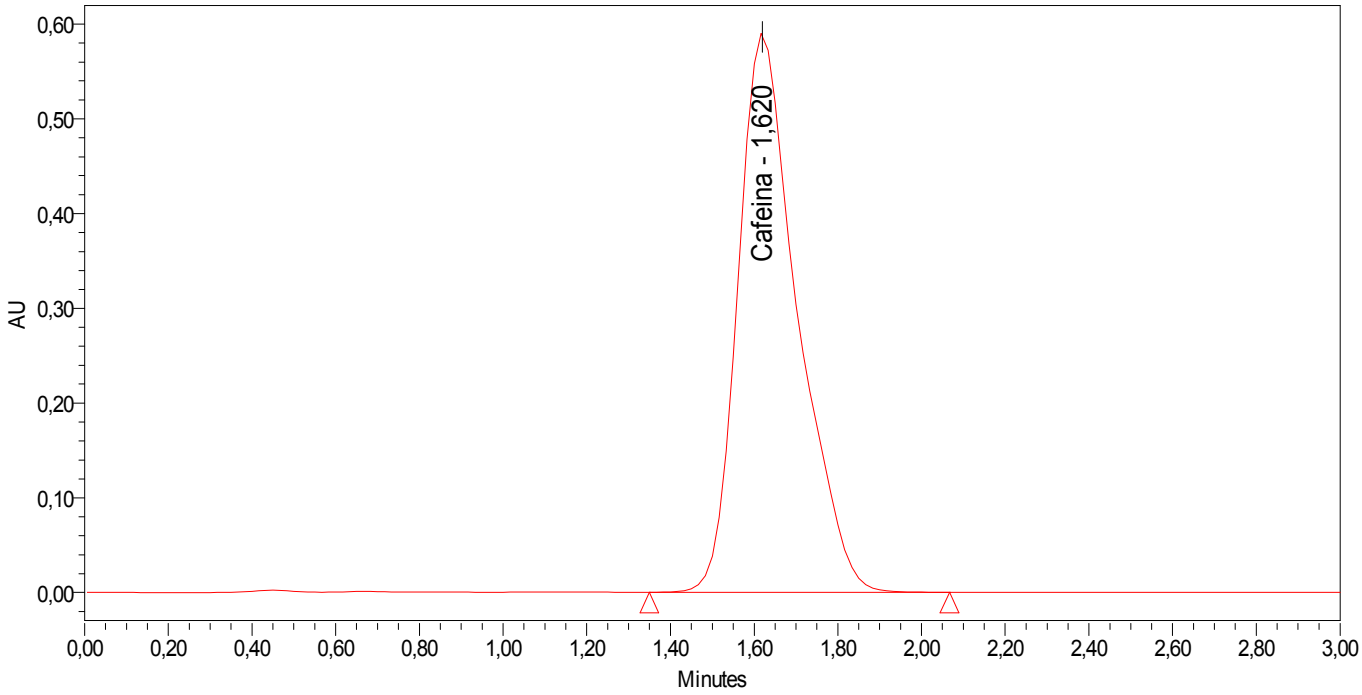
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,588	3879712	393875		

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:	23/09/2021 16:59:56 BRT		
Date Processed:	23/09/2021 17:10:02 BRT		

Auto-Scaled Chromatogram



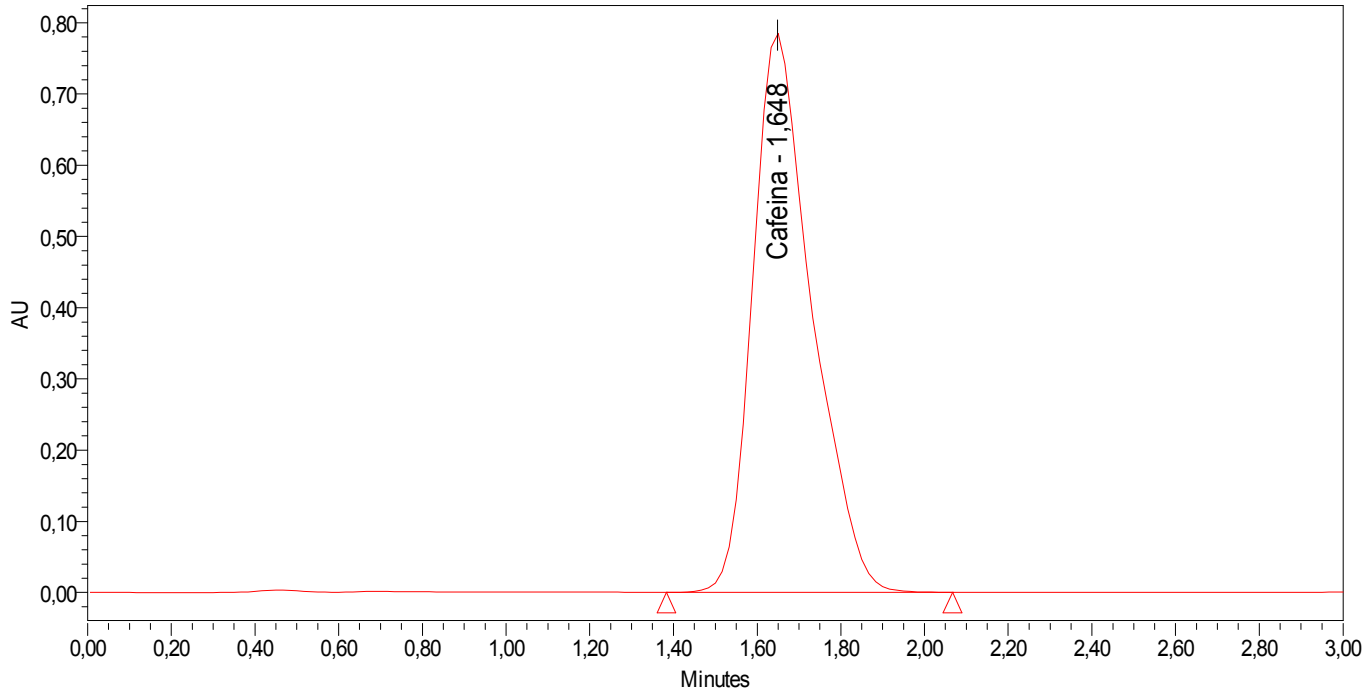
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,620	5804721	589437		

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:	Qualificação
Injection Volume:	100,00 ul	Channel Name:	W2489 ChA
Run Time:	3,0 Minutes	Proc. Chnl. Descr.:	W2489 ChA 273nm
Date Acquired:	23/09/2021 17:04:17 BRT		
Date Processed:	23/09/2021 17:10:08 BRT		

Auto-Scaled Chromatogram



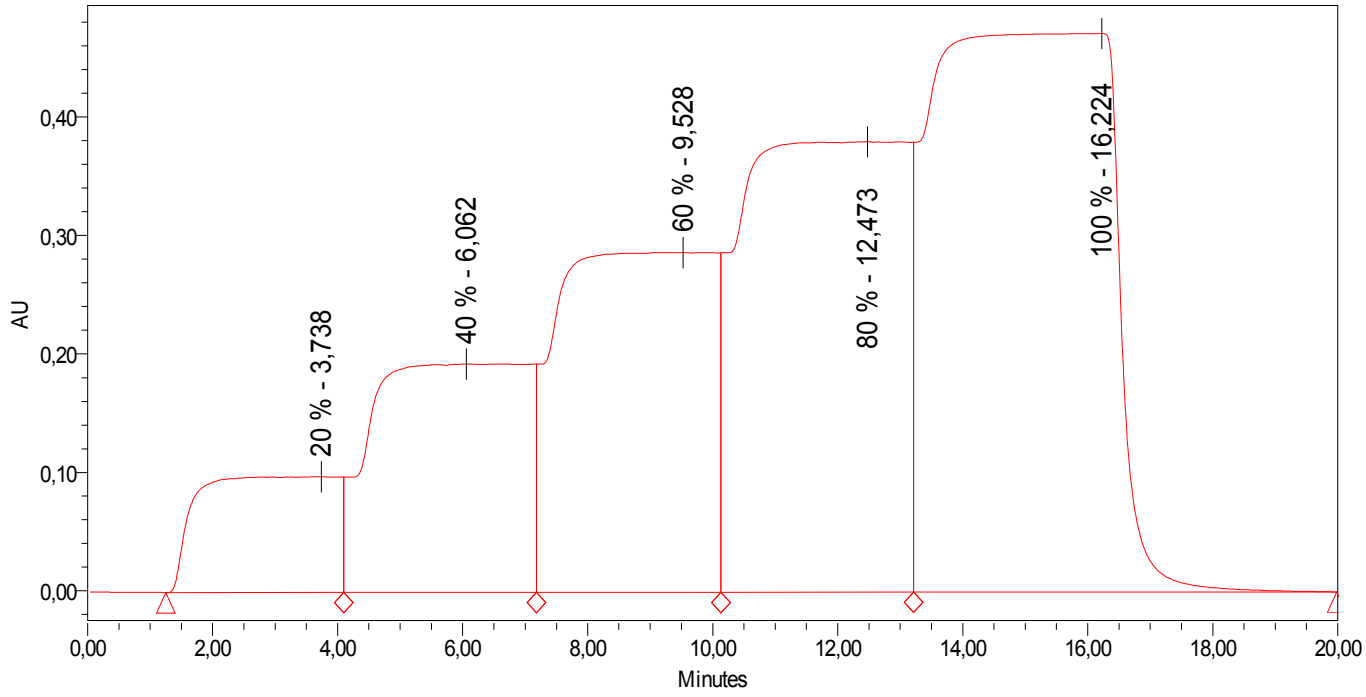
Peak Results

	Name	RT	Area	Height	Amount	Units
1	Cafeina	1,648	7717413	783433		

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:	23/09/2021 17:40:41 BRT		
Date Processed:	23/09/2021 18:02:02 BRT		

Auto-Scaled Chromatogram



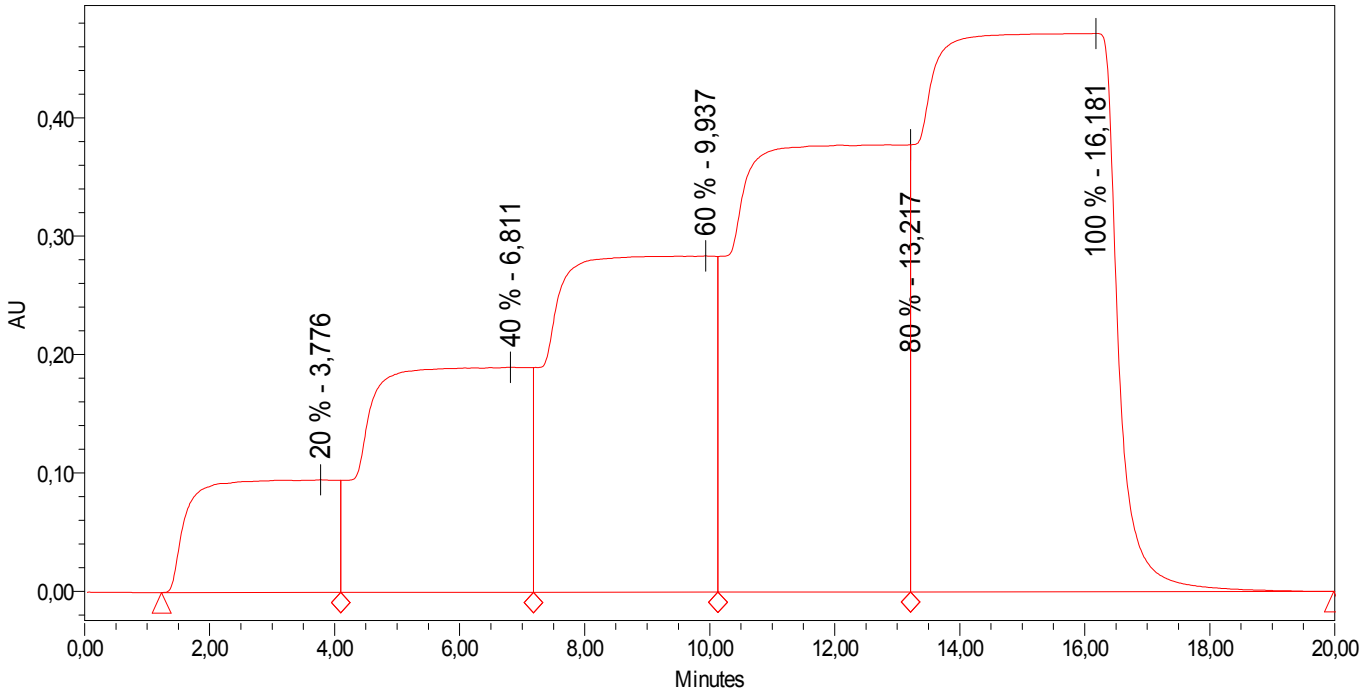
Peak Results

	Name	RT	Height
1	20 %	3,738	97828
2	40 %	6,062	192910
3	60 %	9,528	286871
4	80 %	12,473	380343
5	100 %	16,224	471508

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:	23/09/2021 18:05:31 BRT		
Date Processed:	23/09/2021 18:26:00 BRT		

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Height
1	20 %	3,776	95116
2	40 %	6,811	190068
3	60 %	9,937	284067
4	80 %	13,217	377841
5	100 %	16,181	471610