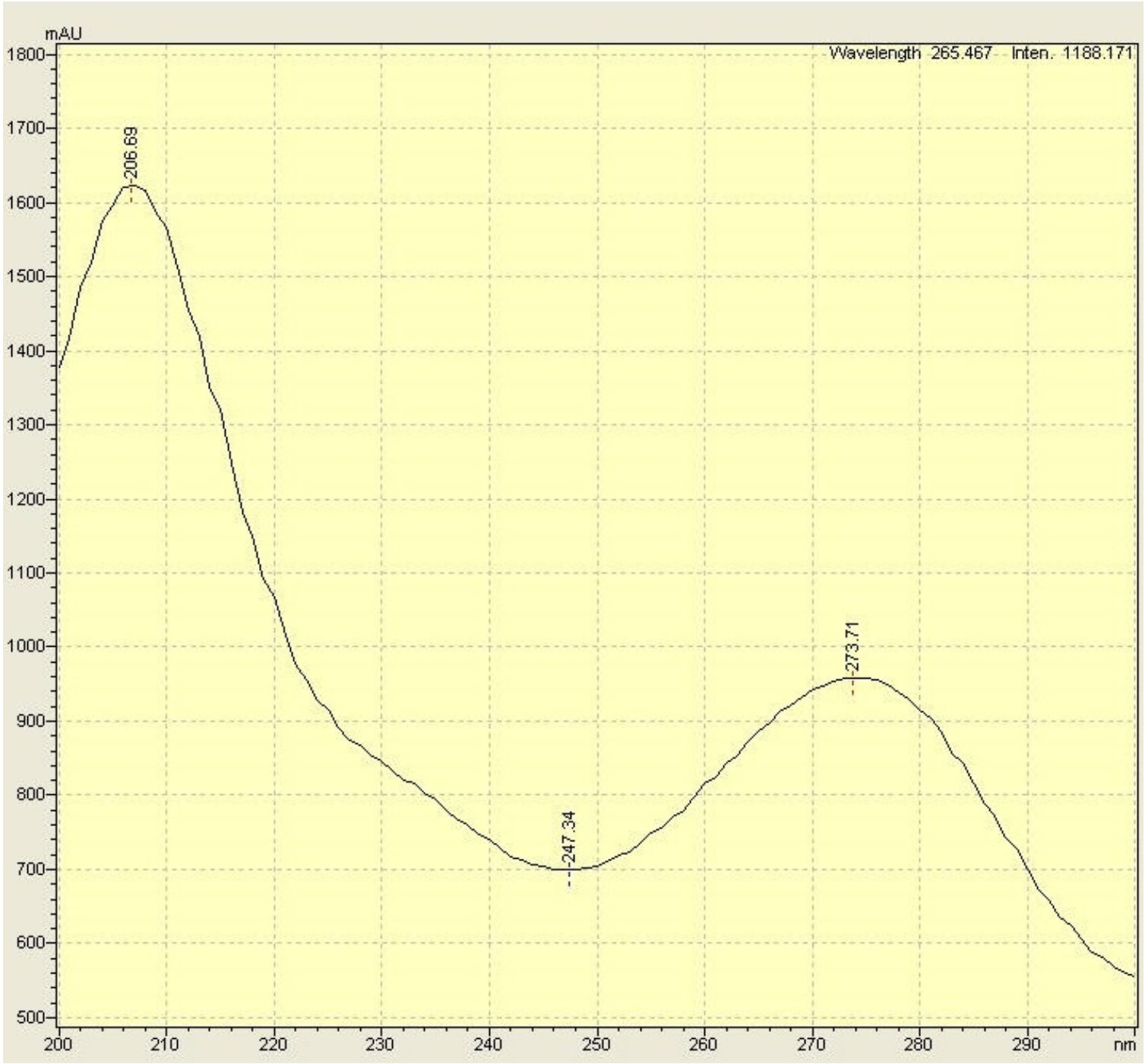
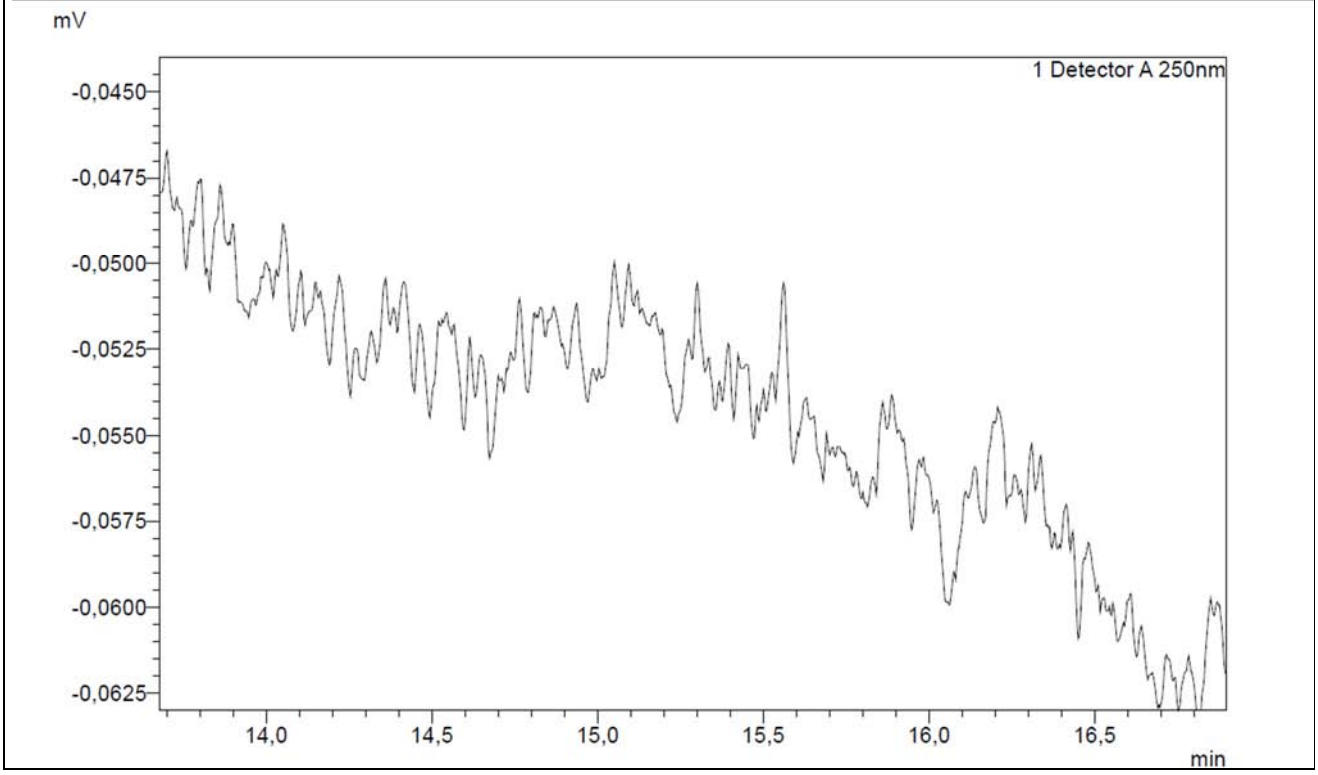
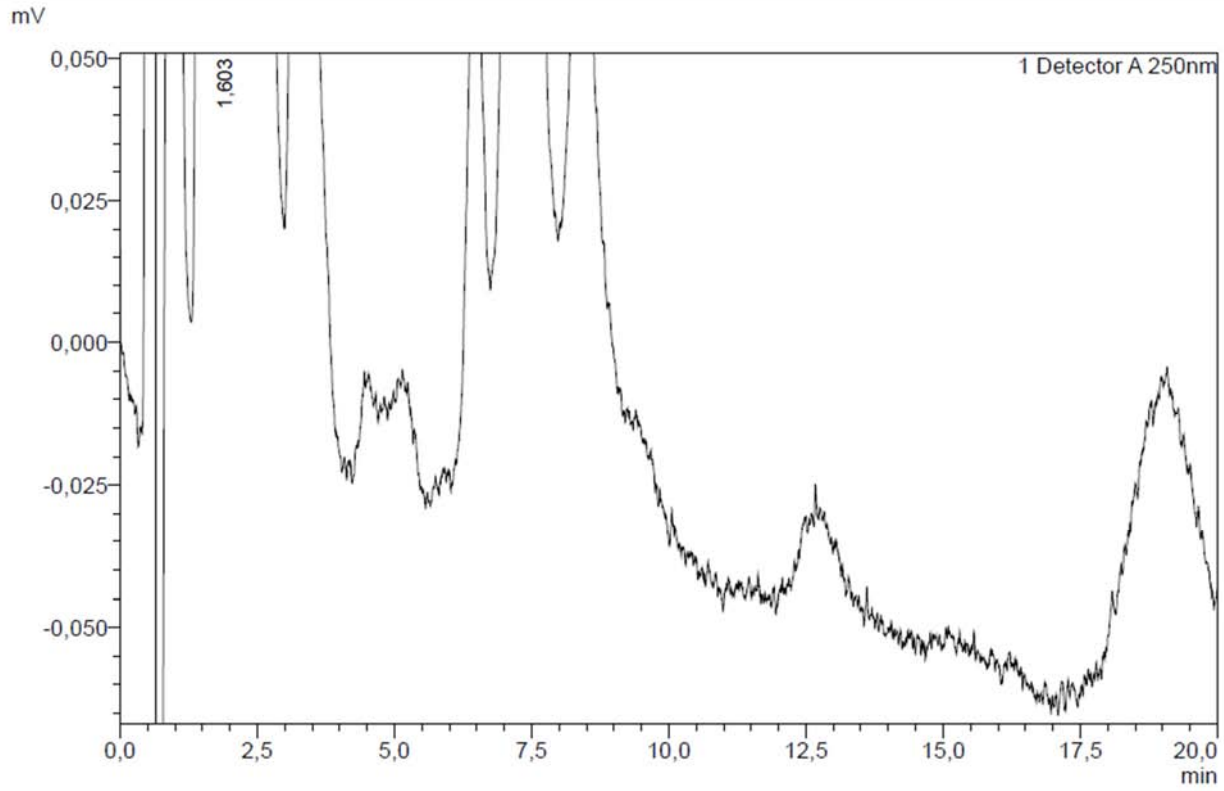

mAU
Wavelength 265.467 Inten. 1188.171
206.69
247.34
273.71
nm

Relatório SRELB

Detector UV – SPD-20A – N/S L20135227897	Data: 29/05/2023
Ruído:	
Valor máximo: -0.0475 mAU	**Diferença: 0.0025 mAU**
Valor mínimo: -0.0500 mAU	

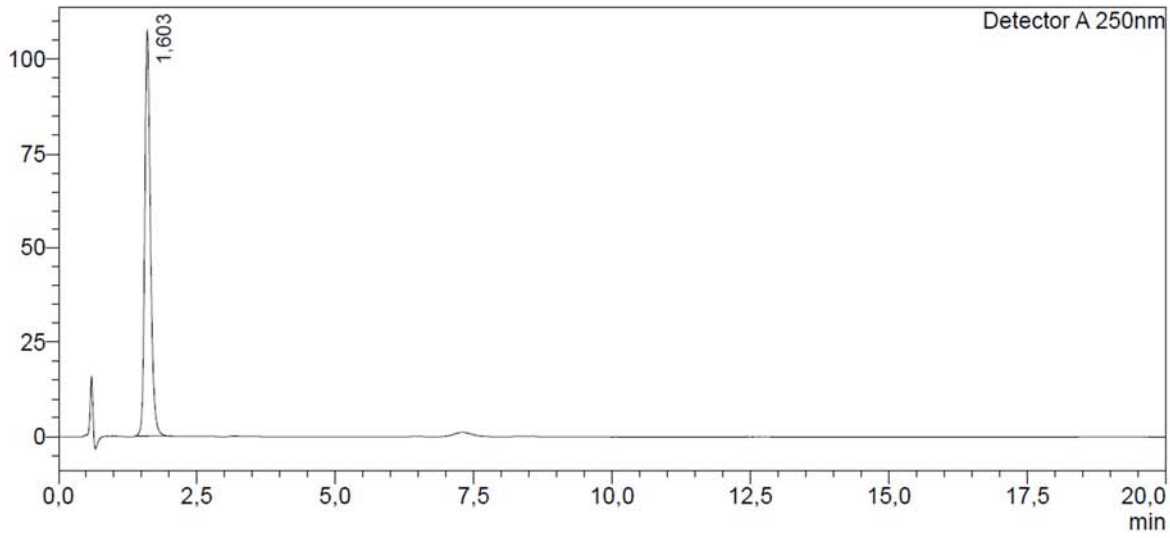


Estabilidade da Linha de Base:		
Valor máximo:	**0.000 mAU**	**Diferença (em 20 minutos): 0.075 mAU**
Valor mínimo:	**-0.075 mAU**	**Diferença (em 60 minutos): 0.075 x 3 = 0.225 mAU**



Altura do Pico:

Valor: 107036 mAU



<Peak Table>

Detector A 250nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,603	770439	107036	0,000	mg/L		Cafeína
Total		770439	107036				

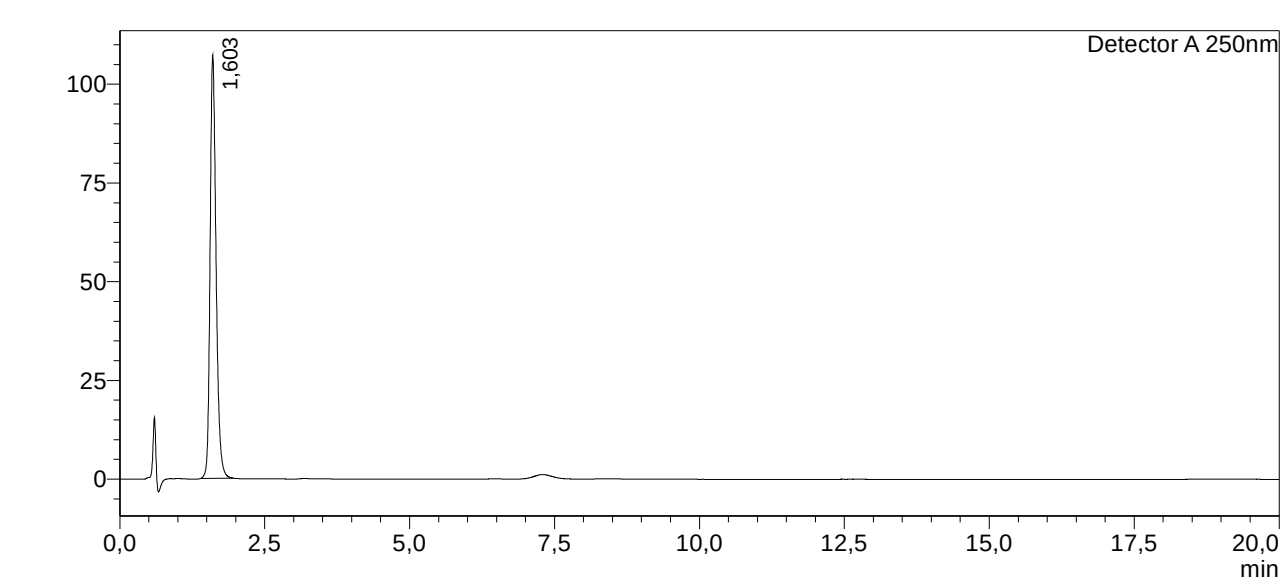
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Sinal-Ruido		
Sample ID	: Sinal-Ruido		
Data Filename	: Sinal-Ruido001.lcd		
Method Filename	: Sinal-Ruido.lcm		
Batch Filename	:		
Vial #	: 1	Sample Type	: Unknown
Injection Volume	: 20 uL		
Date Acquired	: 30/05/2023 14:31:38	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 14:51:41	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 250nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,603	770439	107036	0,000	mg/L		Cafeína
Total		770439	107036				

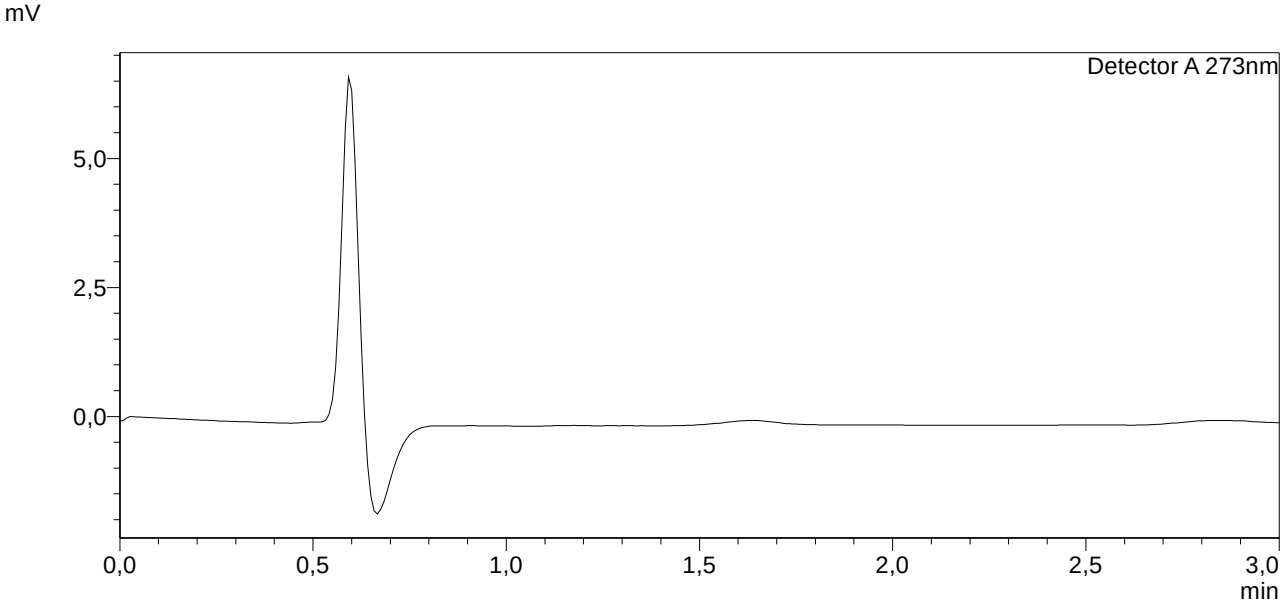
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Branco 1		
Sample ID	: Branco 1		
Data Filename	: Branco 1_001.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 1	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 11:23:40	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 12:09:31	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
Total							

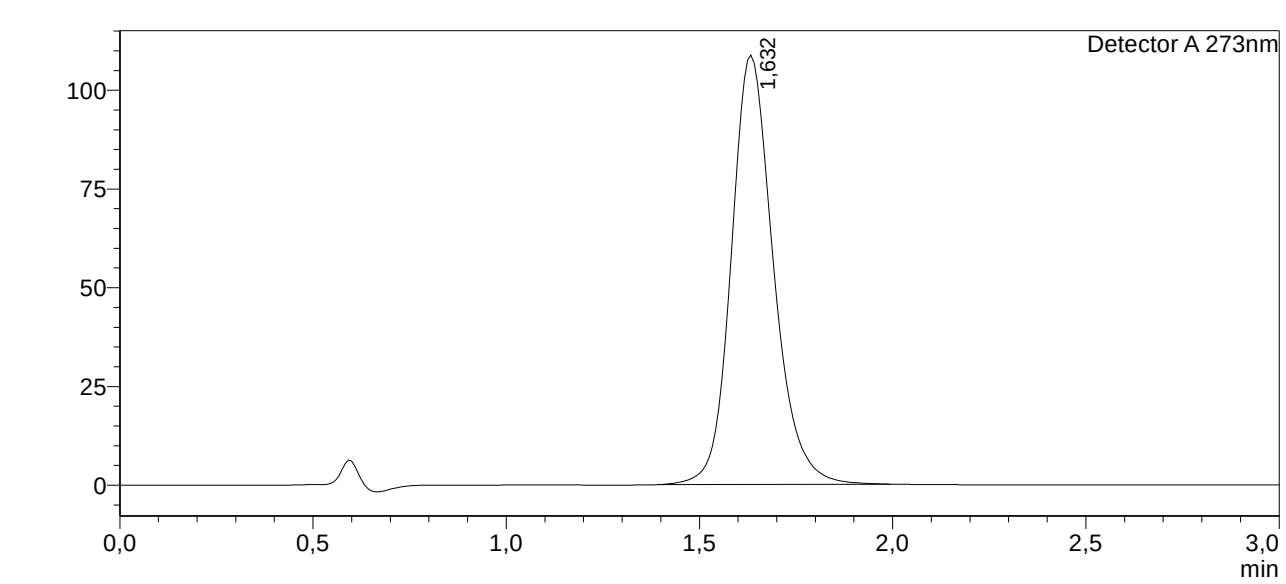
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 1		
Sample ID	: PCIN 1		
Data Filename	: PCIN 1_002.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 11:32:25	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 12:10:28	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,632	823376	108713	0,000	mg/L		Cafeina
Total		823376	108713				

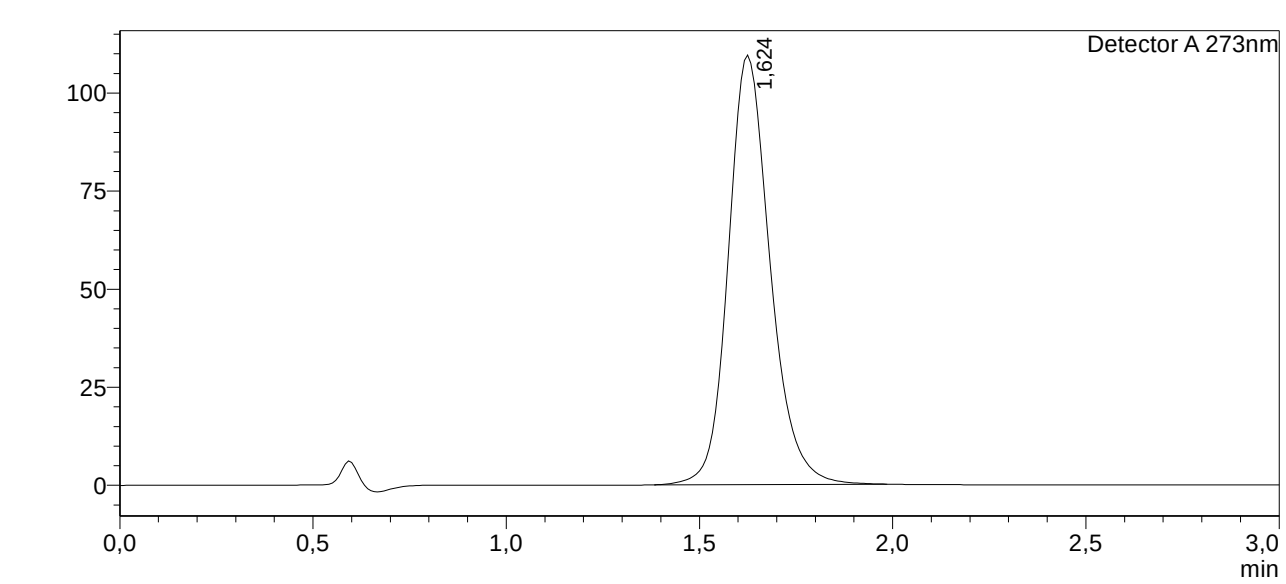
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 2		
Sample ID	: PCIN 2		
Data Filename	: PCIN 2_003.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 11:41:10	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 12:15:39	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,624	823520	109484	0,000	mg/L		Cafeina
Total		823520	109484				

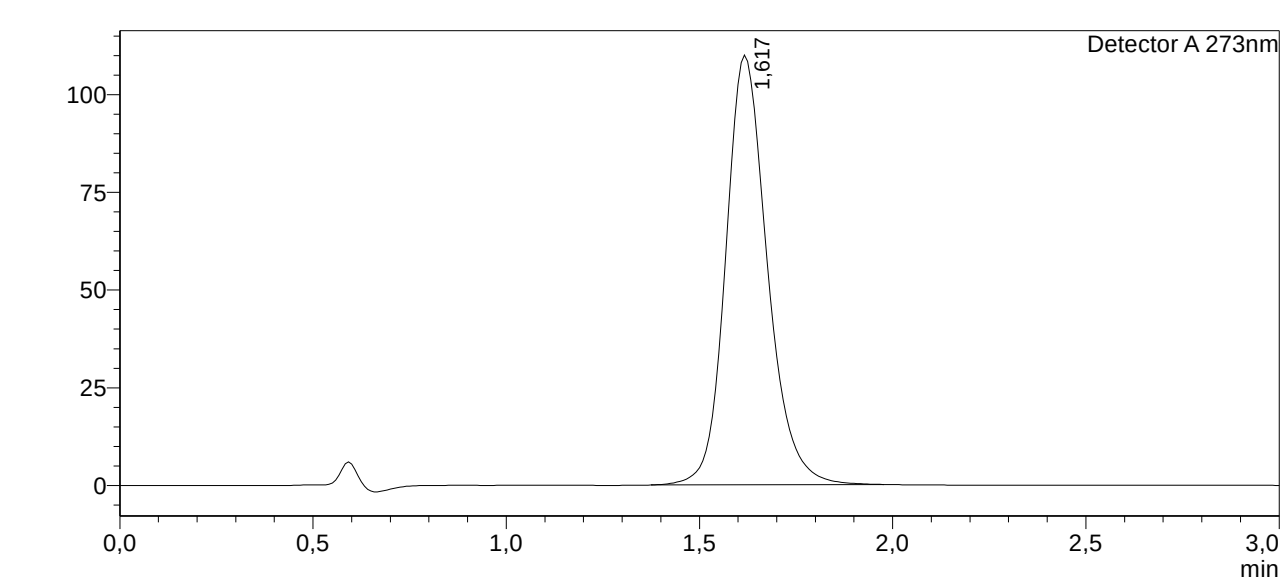
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 3		
Sample ID	: PCIN 3		
Data Filename	: PCIN 3_004.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 11:49:54	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 12:16:55	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,617	823339	109946	0,000	mg/L		Cafeina
Total		823339	109946				

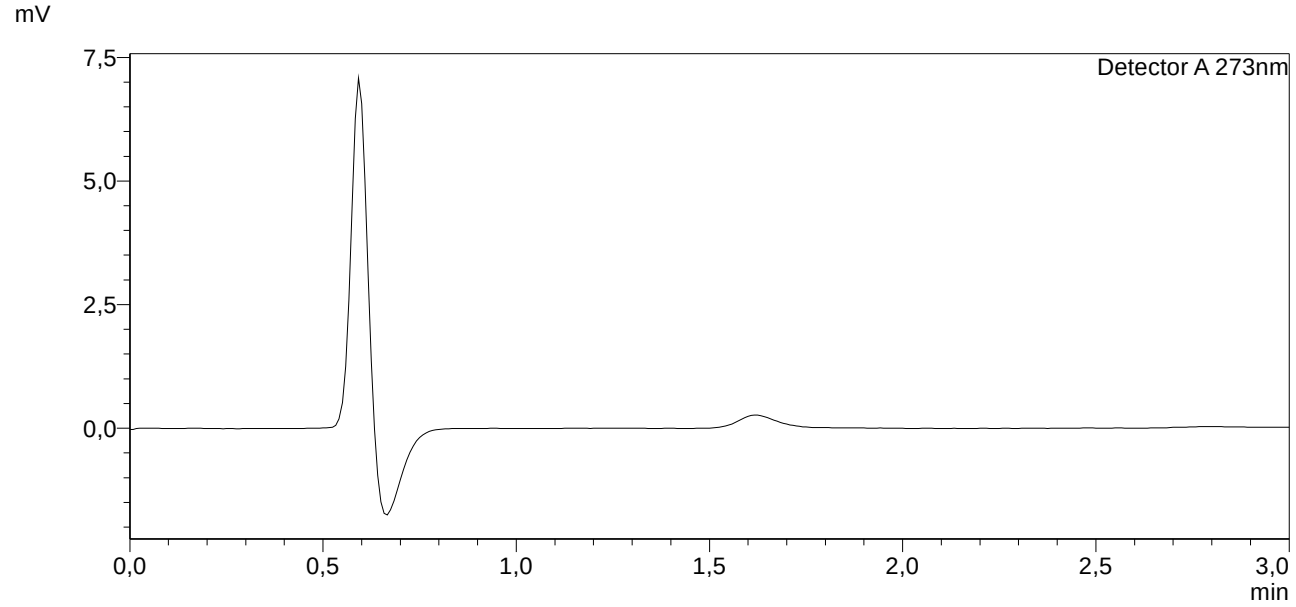
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Branco 2		
Sample ID	: Branco 2		
Data Filename	: Branco 2_005.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 1	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 11:58:40	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 12:17:35	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
Total							

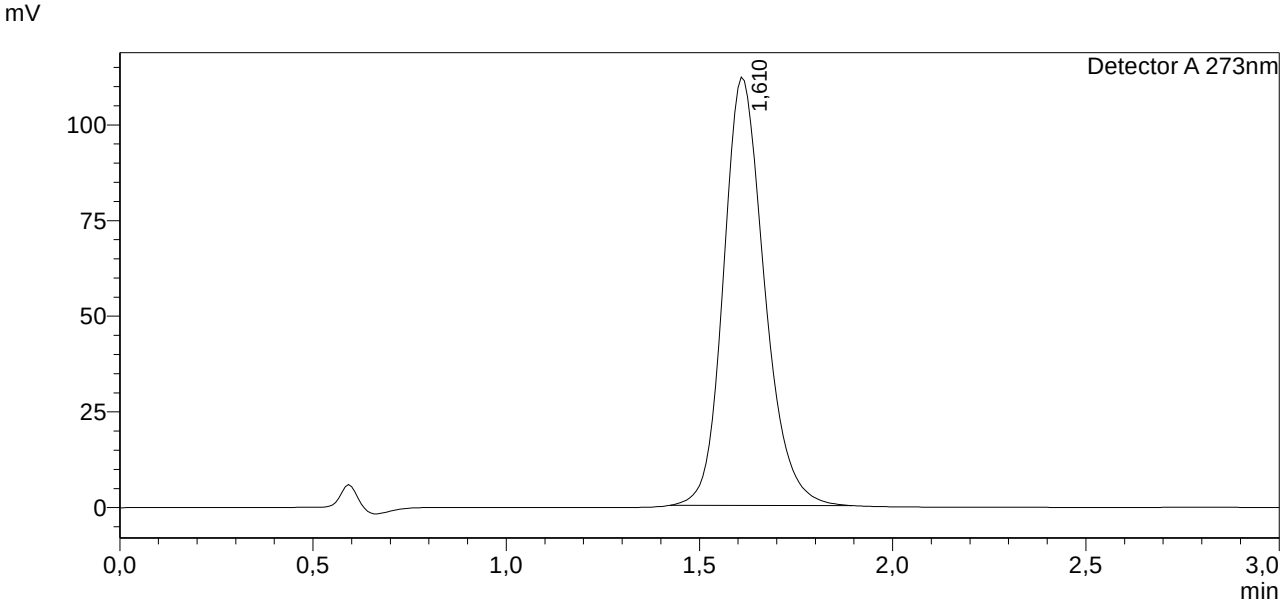
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 4		
Sample ID	: PCIN 4		
Data Filename	: PCIN 4_006.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 12:07:24	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 12:45:34	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,610	824648	111861	0,000	mg/L		Cafeina
Total		824648	111861				

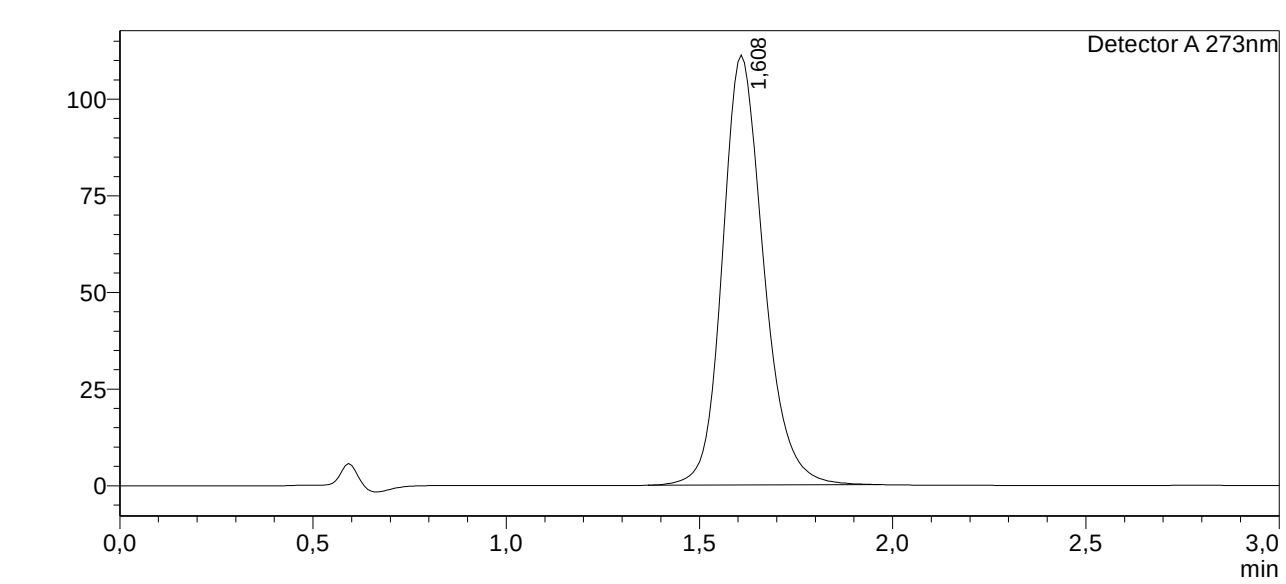
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 5		
Sample ID	: PCIN 5		
Data Filename	: PCIN 5_007.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 12:16:10	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 12:45:39	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,608	826945	111235	0,000	mg/L		Cafeina
Total		826945	111235				

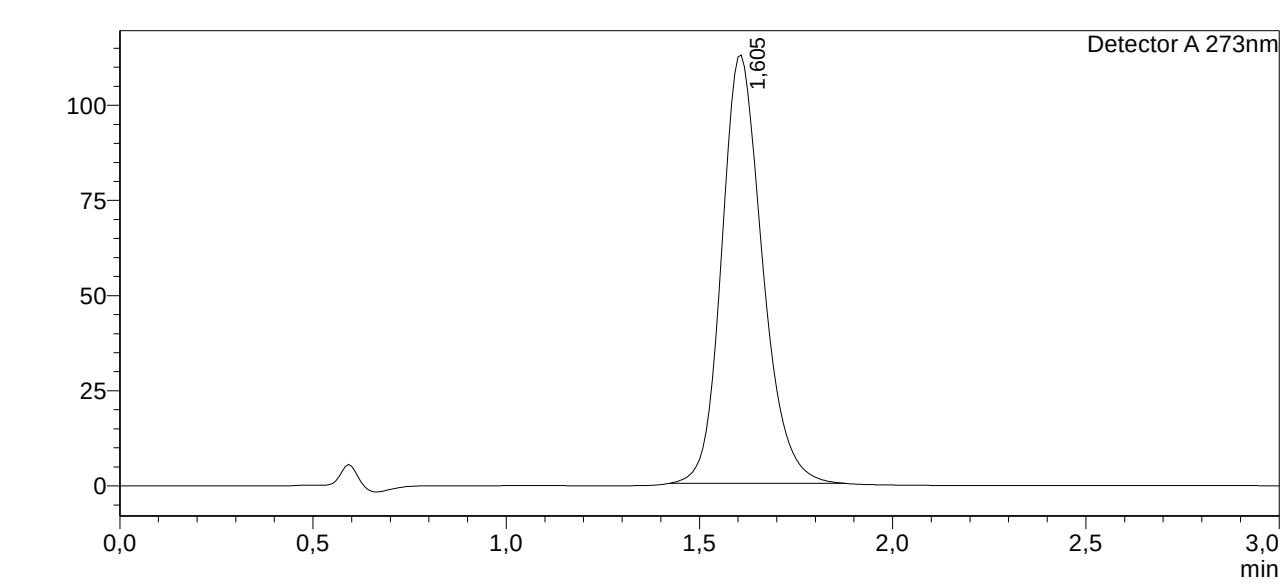
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 6		
Sample ID	: PCIN 6		
Data Filename	: PCIN 6_008.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 12:24:55	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 12:46:01	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,605	826582	112507	0,000	mg/L		Cafeina
Total		826582	112507				

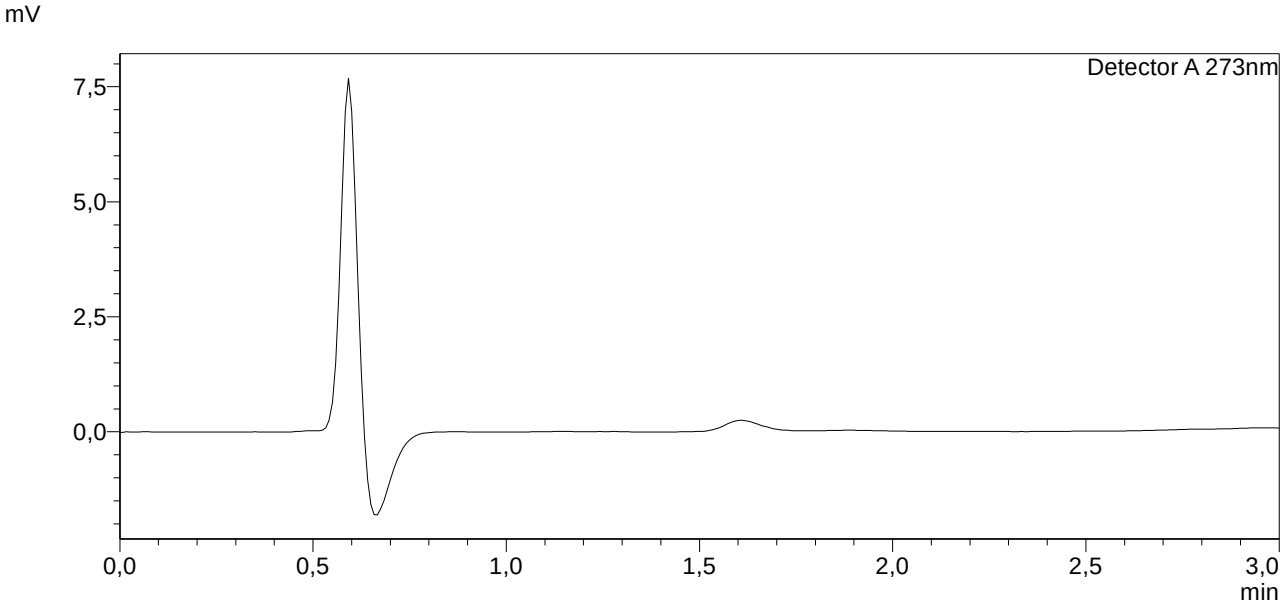
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Branco 3		
Sample ID	: Branco 3		
Data Filename	: Branco 3_009.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 1	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 12:33:50	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 12:46:20	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
Total							

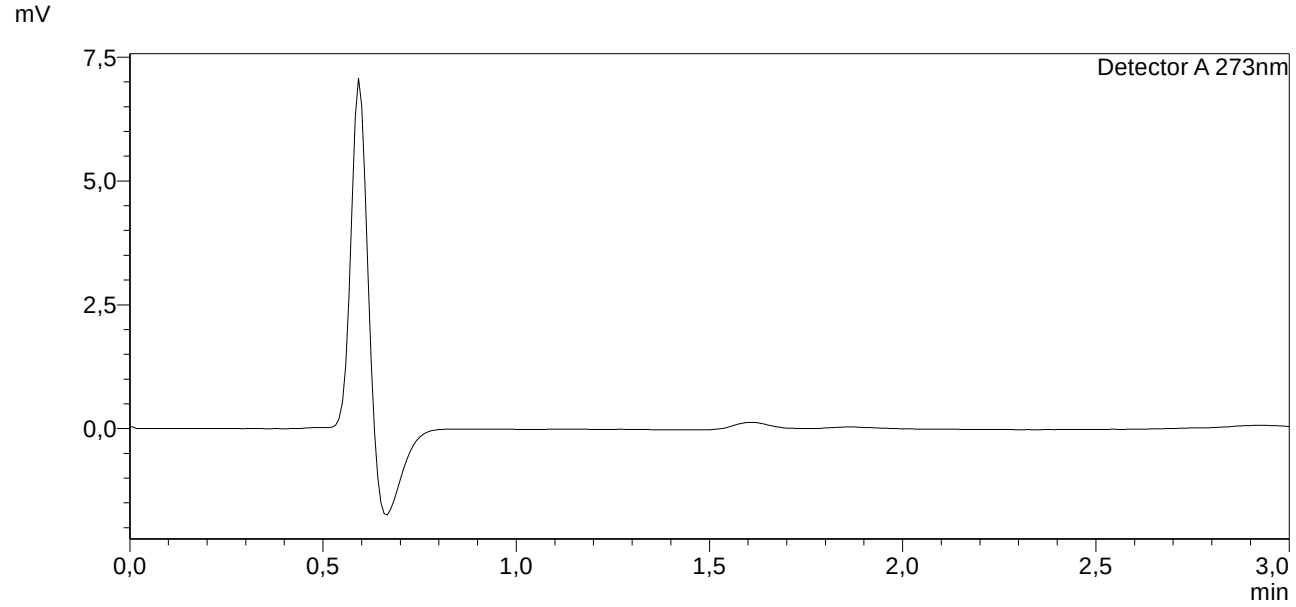
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 1		
Sample ID	: LDUV 1		
Data Filename	: LDUV 1_001.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: LDUV.lcb		
Vial #	: 1	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 12:45:52	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 12:58:19	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
Total							

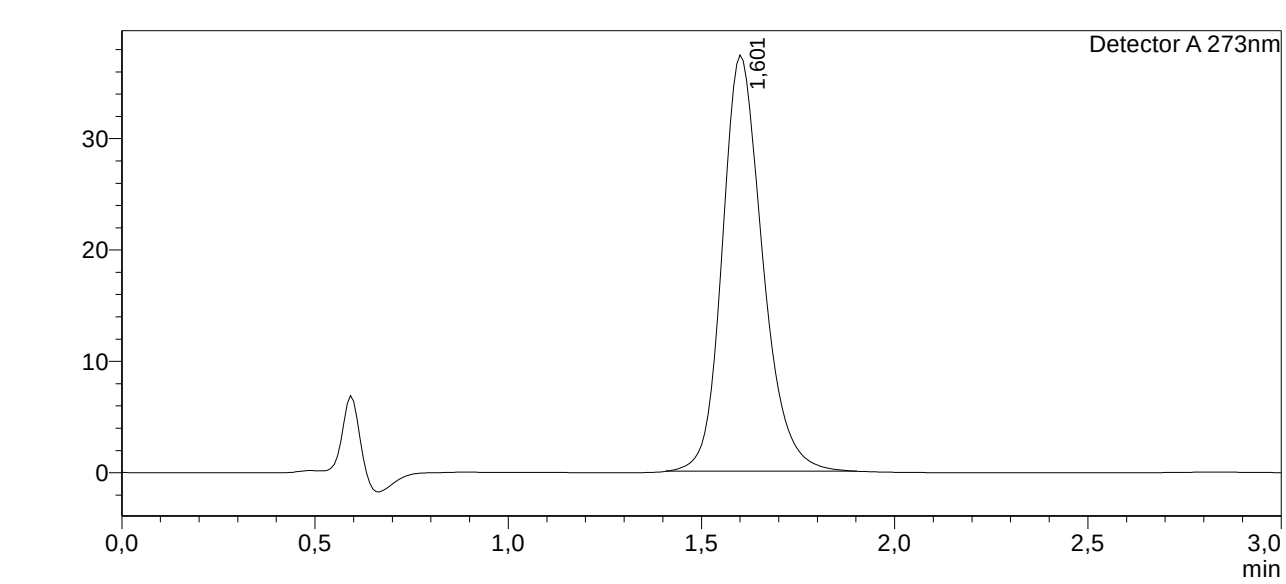
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 2		
Sample ID	: LDUV 2		
Data Filename	: LDUV 2_002.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: LDUV.lcb		
Vial #	: 2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 12:54:39	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 12:59:32	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,601	271496	37368	0,000	mg/L		Cafeina
Total		271496	37368				

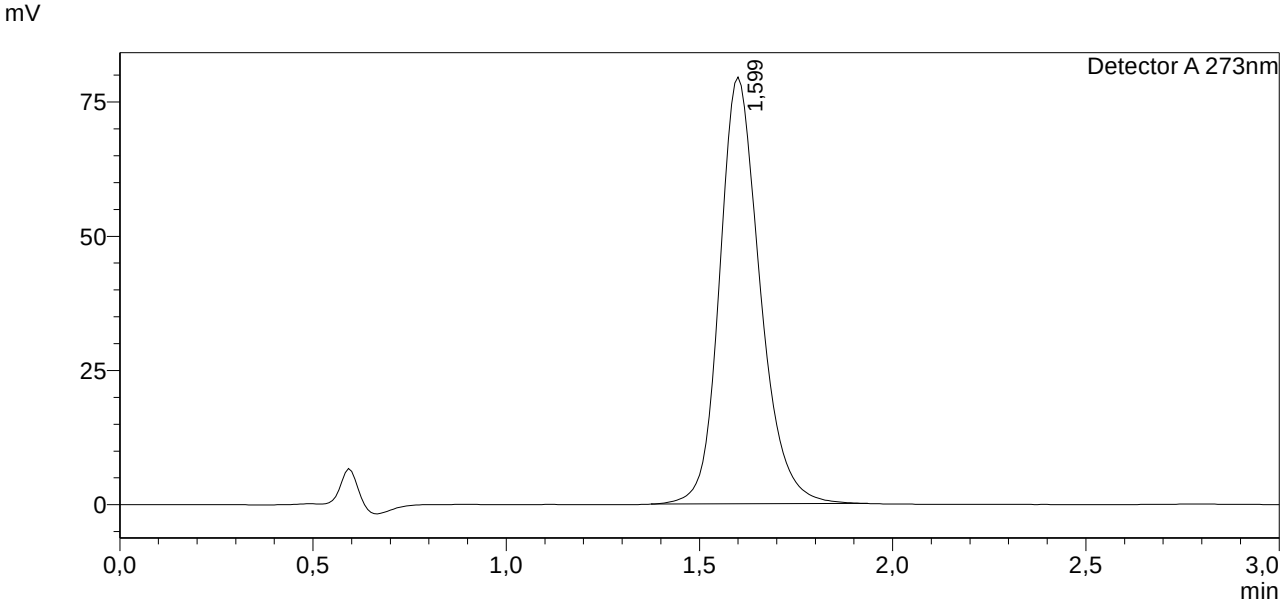
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 3		
Sample ID	: LDUV 3		
Data Filename	: LDUV 3_003.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: LDUV.lcb		
Vial #	: 3	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 13:03:23	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 13:09:48	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,599	578118	79465	0,000	mg/L		Cafeina
Total		578118	79465				

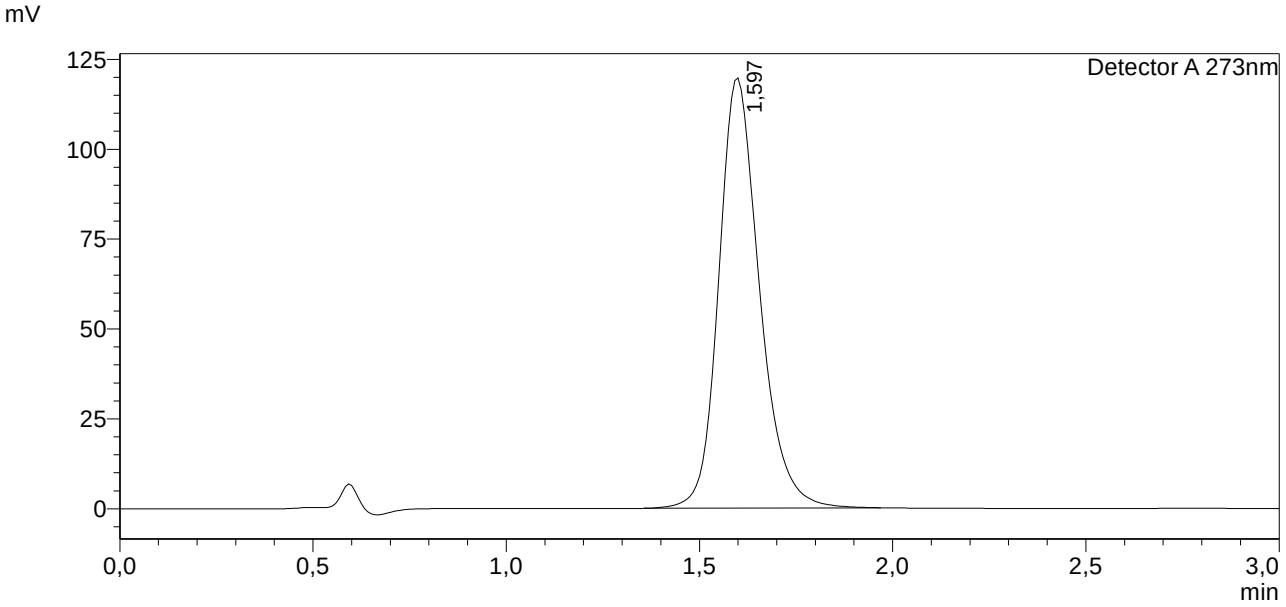
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 4		
Sample ID	: LDUV 4		
Data Filename	: LDUV 4_004.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: LDUV.lcb		
Vial #	: 4	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 13:12:07	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 13:26:10	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,597	877666	119602	0,000	mg/L		Cafeina
Total		877666	119602				

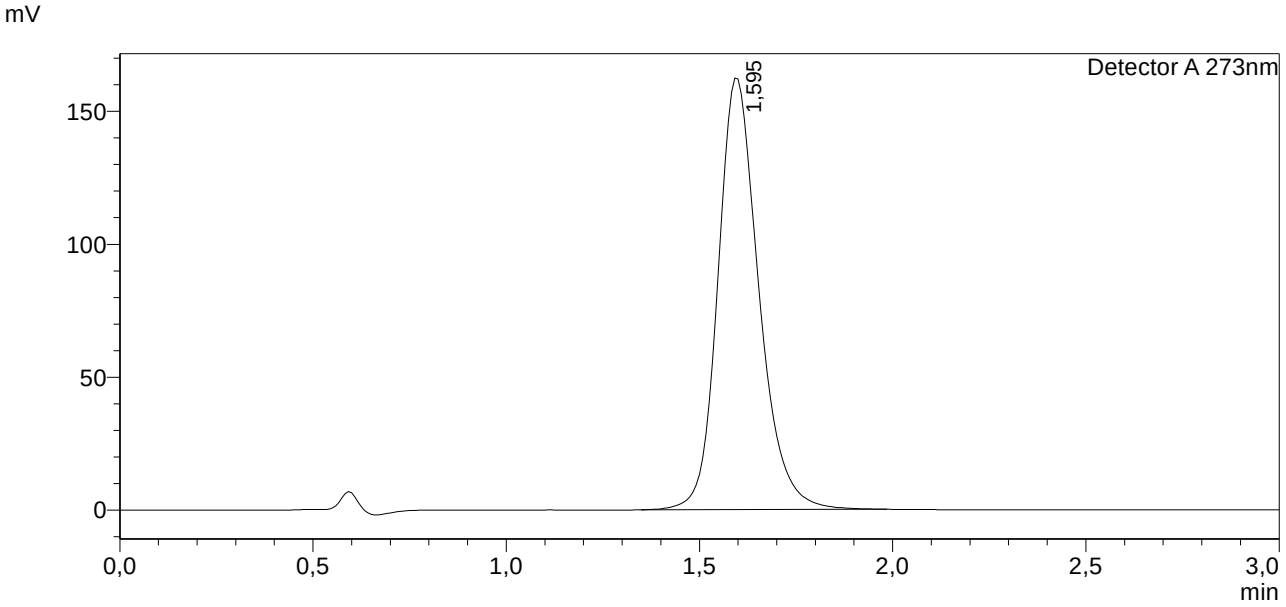
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 5		
Sample ID	: LDUV 5		
Data Filename	: LDUV 5_005.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: LDUV.lcb		
Vial #	: 5	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 13:20:52	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 13:31:13	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,595	1196082	162306	0,000	mg/L		Cafeina
Total		1196082	162306				

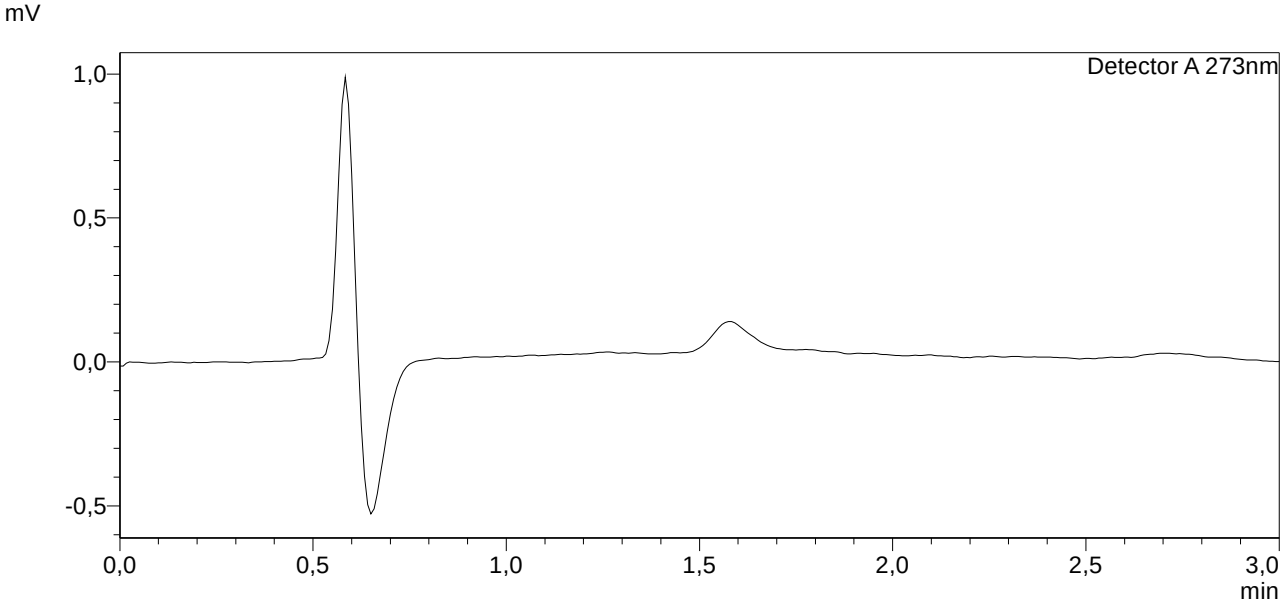
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 1		
Sample ID	: LIIN 1		
Data Filename	: LIIN 1_001.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: LIIN.lcb		
Vial #	: 1	Sample Type	: Unknown
Injection Volume	: 1 uL		
Date Acquired	: 30/05/2023 13:31:14	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 13:39:56	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
Total							

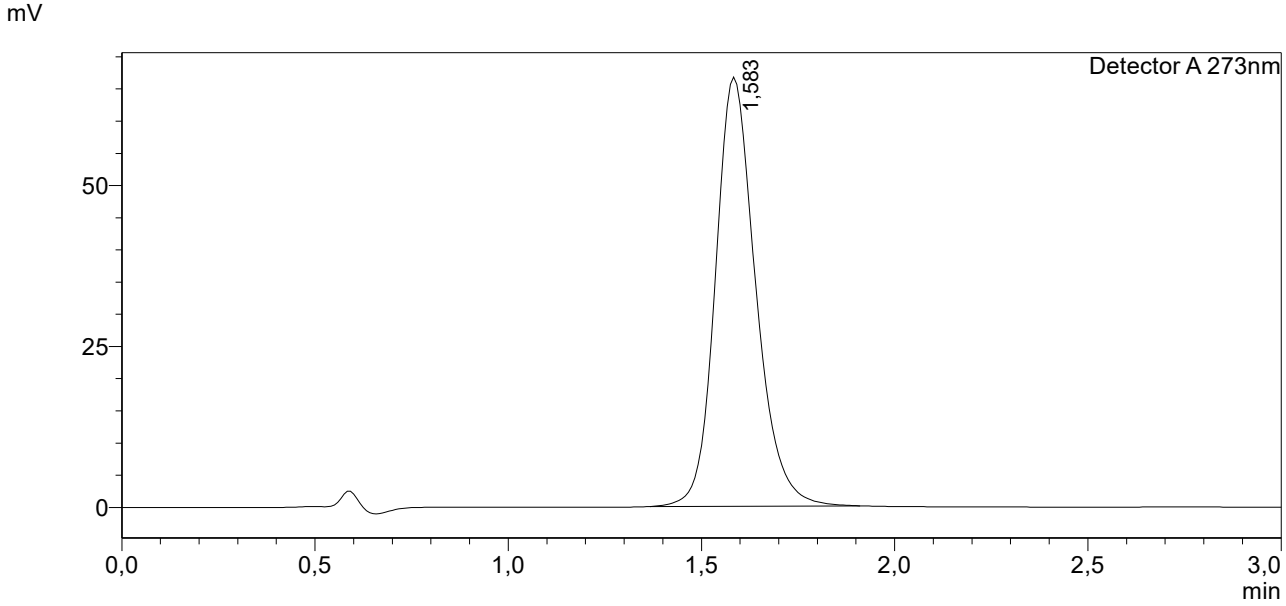
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 2		
Sample ID	: LIIN 2		
Data Filename	: LIIN 2_002.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: LIIN.lcb		
Vial #	: 1	Sample Type	: Unknown
Injection Volume	: 5 uL		
Date Acquired	: 30/05/2023 13:39:57	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 13:47:27	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,583	417820	66660	0,000	mg/L		Cafeina
Total		417820	66660				

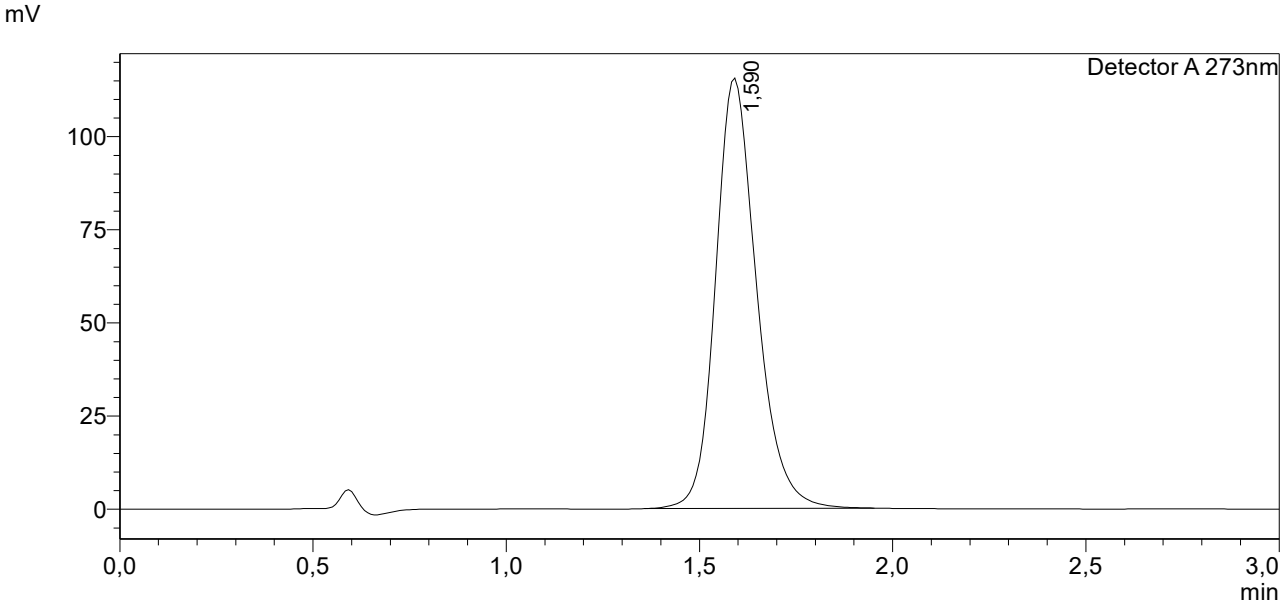
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 3		
Sample ID	: LIIN 3		
Data Filename	: LIIN 3_003.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: LIIN.lcb		
Vial #	: 1	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 30/05/2023 13:48:42	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 13:52:47	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,590	780918	115496	0,000	mg/L		Cafeina
Total		780918	115496				

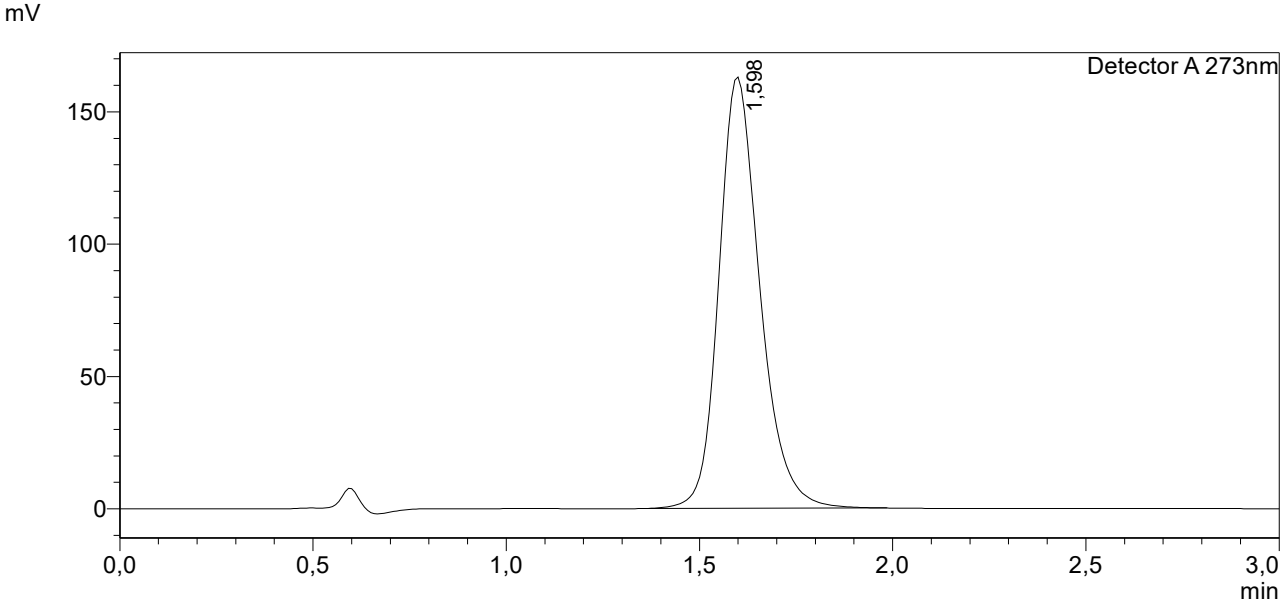
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 4		
Sample ID	: LIIN 4		
Data Filename	: LIIN 4_004.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: LIIN.lcb		
Vial #	: 1	Sample Type	: Unknown
Injection Volume	: 15 uL		
Date Acquired	: 30/05/2023 13:57:31	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 14:04:05	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,598	1148764	162920	0,000	mg/L		Cafeina
Total		1148764	162920				

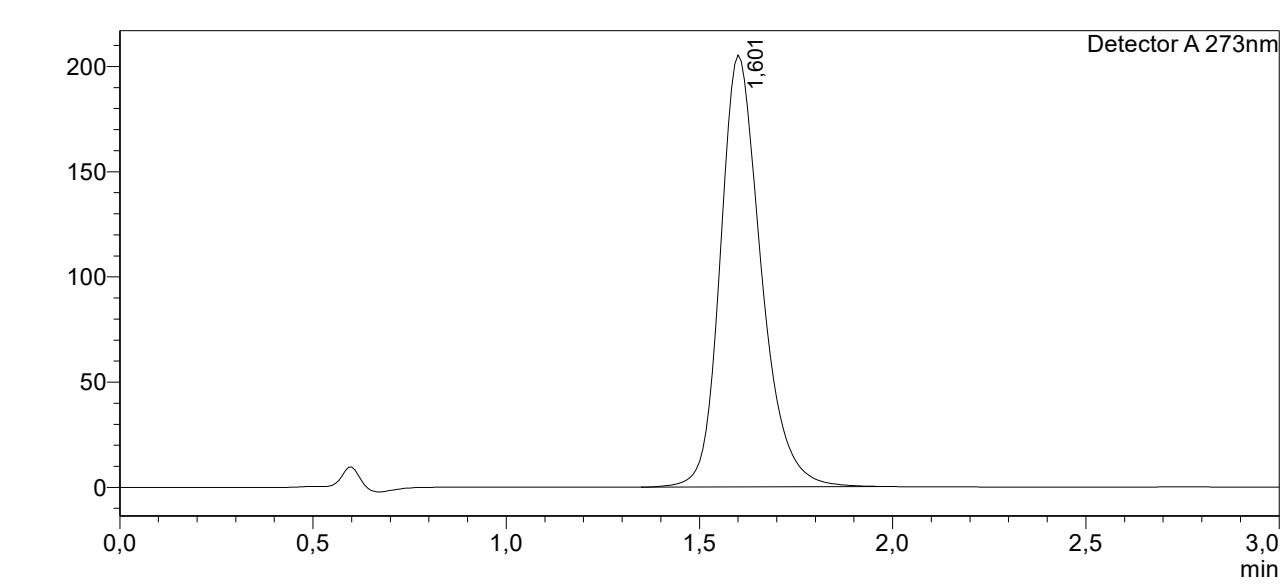
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 5		
Sample ID	: LIIN 5		
Data Filename	: LIIN 5_005.lcd		
Method Filename	: Qualificação.lcm		
Batch Filename	: LIIN.lcb		
Vial #	: 1	Sample Type	: Unknown
Injection Volume	: 20 uL		
Date Acquired	: 30/05/2023 14:06:24	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 14:25:45	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	1,601	1524450	205231	0,000	mg/L		Cafeina
Total		1524450	205231				

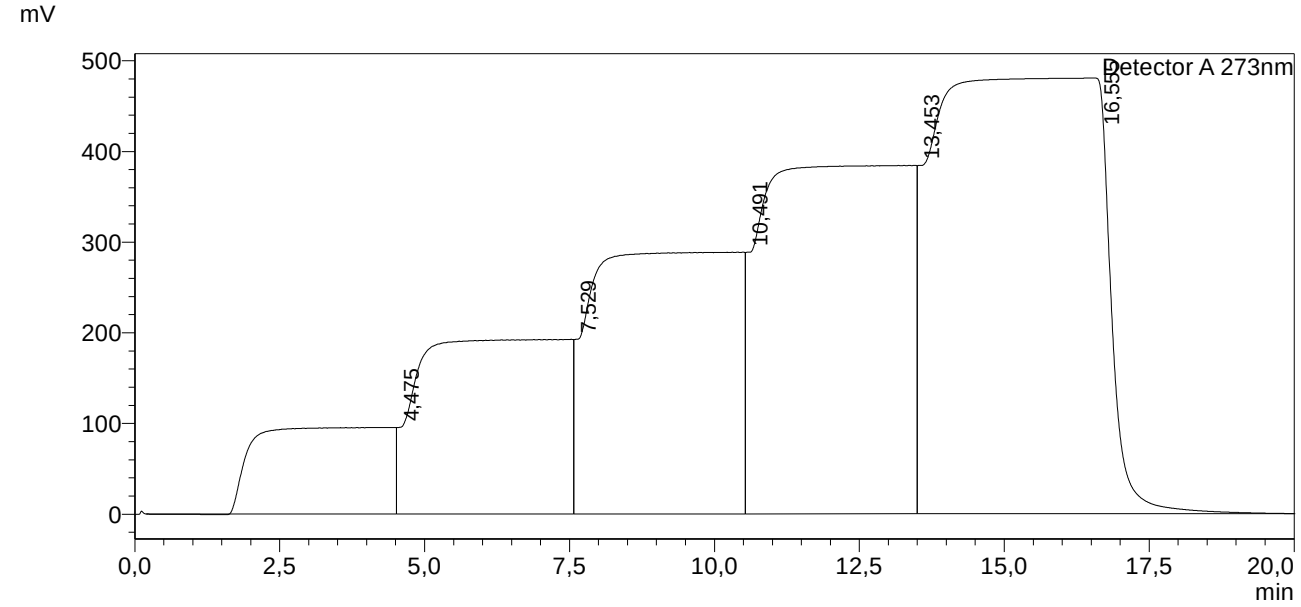
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Grad AB		
Sample ID	: Grad AB		
Data Filename	: Grad AB.lcd		
Method Filename	: Grad AB.lcm		
Batch Filename	:		
Vial #	: 1	Sample Type	: Unknown
Injection Volume	: 1 uL		
Date Acquired	: 30/05/2023 15:07:55	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 15:27:58	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	4,475	14983471	95375	0,000	mg/L	M	20%
2	7,529	33213081	192512	0,000	mg/L	V M	40%
3	10,491	49326897	288625	0,000	mg/L	V M	60%
4	13,453	66432232	384196	0,000	mg/L	V M	80%
5	16,555	95534448	480445	0,000	mg/L	V M	100%
Total		259490128	1441154				

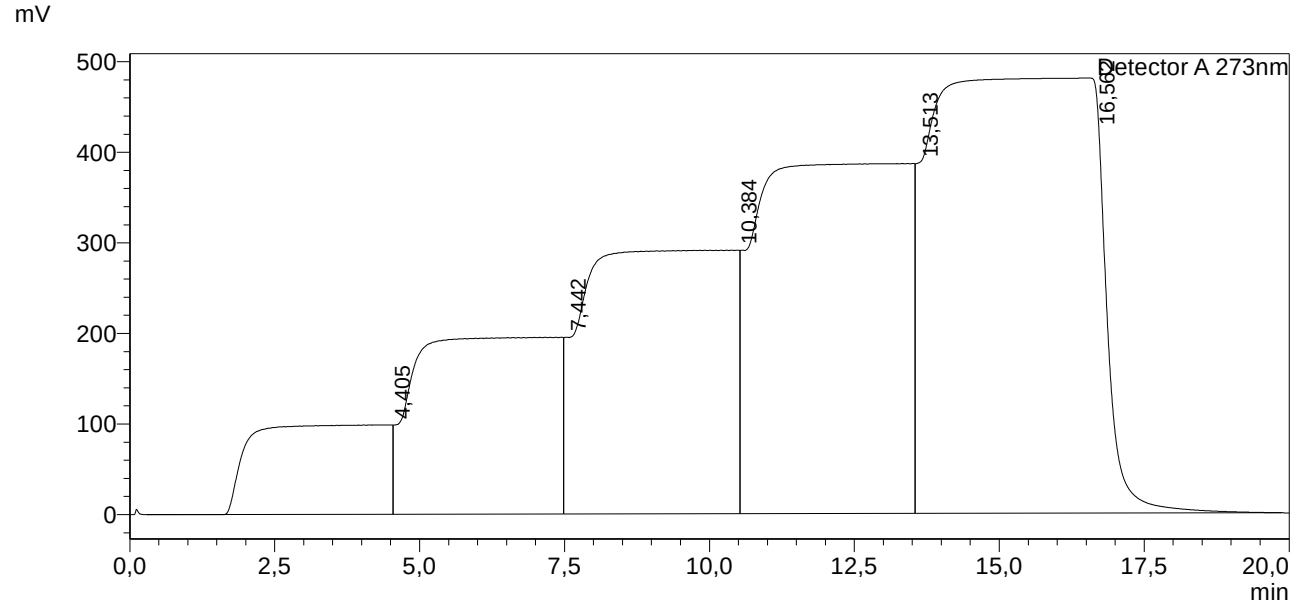
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Grad CD		
Sample ID	: Grad CD		
Data Filename	: Grad CD.lcd		
Method Filename	: Grad CD.lcm		
Batch Filename	:		
Vial #	: 1	Sample Type	: Unknown
Injection Volume	: 1 uL		
Date Acquired	: 30/05/2023 15:34:00	Acquired by	: Nathalia Santo
Date Processed	: 30/05/2023 15:54:01	Processed by	: Nathalia Santo

<Chromatogram>



<Peak Table>

Detector A 273nm

Peak#	Ret. Time	Area	Height	Conc.	Unit	Mark	Name
1	4,405	15503767	98553	0,000	mg/L	M	20%
2	7,442	32385856	195079	0,000	mg/L	V M	40%
3	10,384	50729516	290973	0,000	mg/L	V M	60%
4	13,513	67970930	386263	0,000	mg/L	V M	80%
5	16,562	94528321	480315	0,000	mg/L	V M	100%
Total		261118390	1451183				