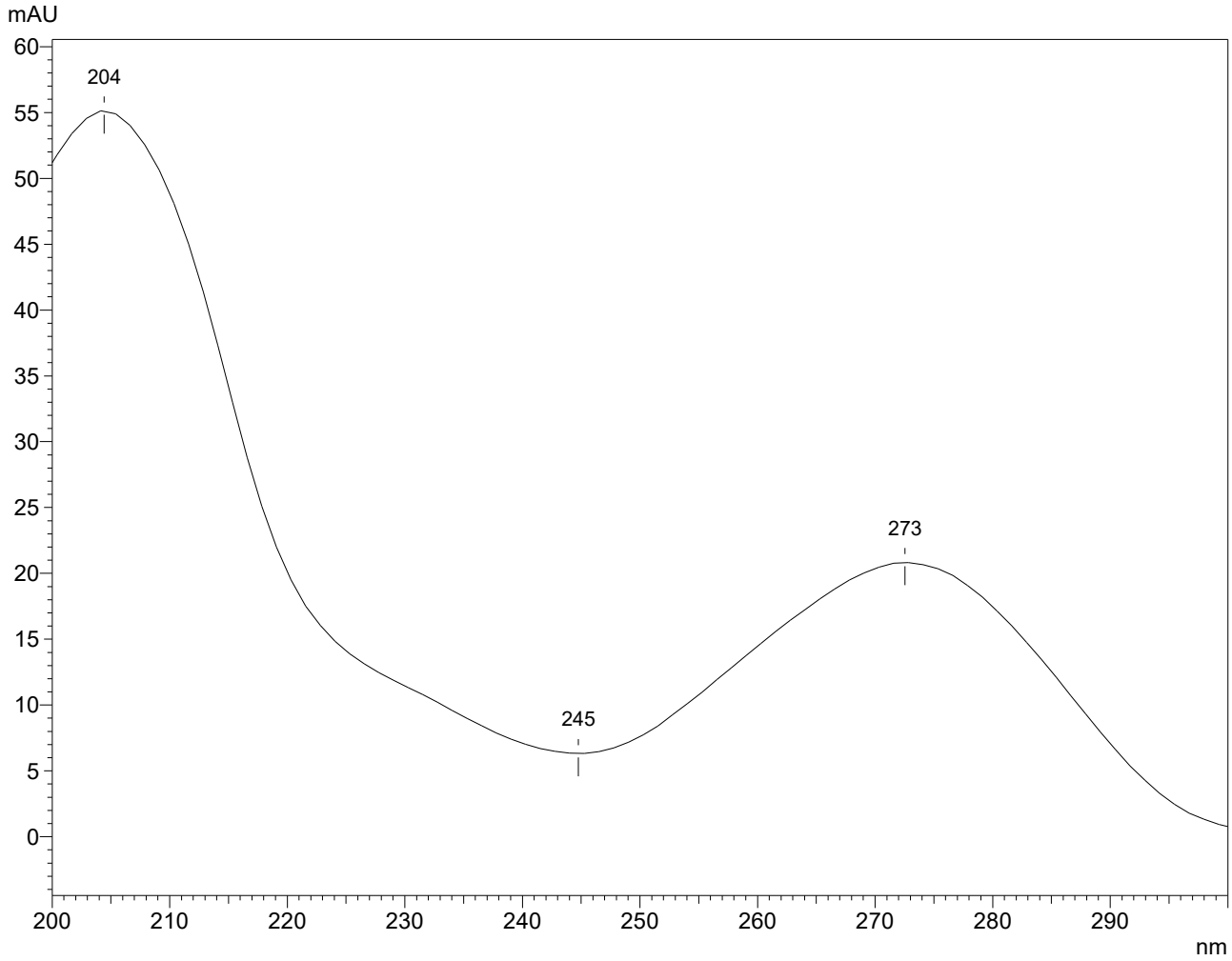
==== Shimadzu LabSolutions UV Spectrum ====

EDUV.lcd



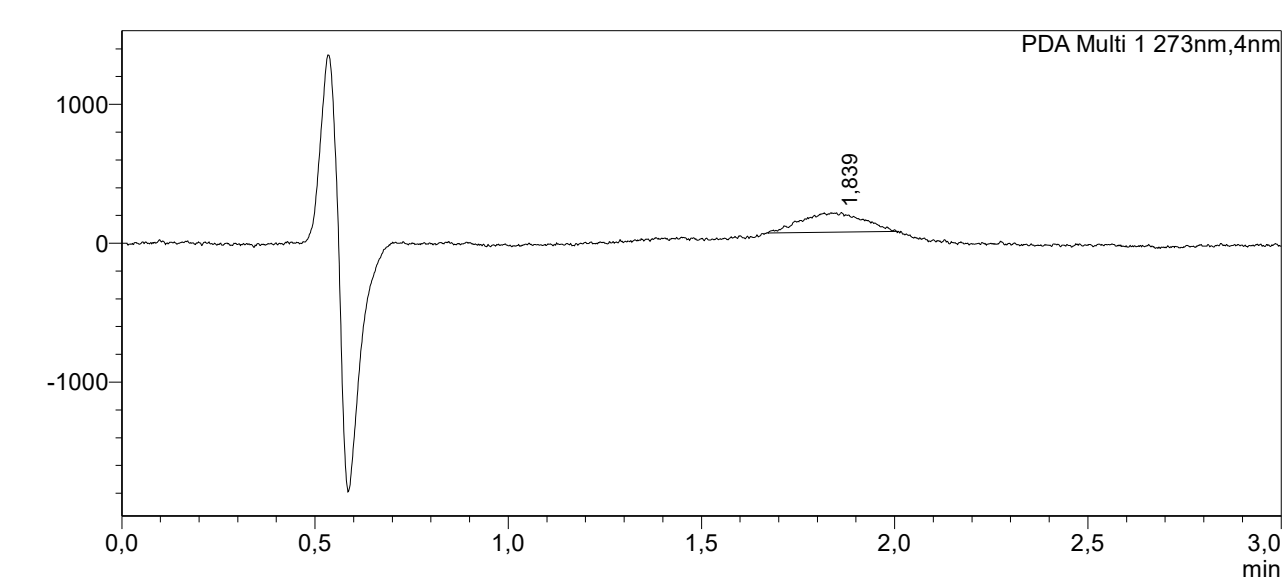
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Branco 1		
Sample ID	: Branco 1		
Data Filename	: PCIN_20032024_001.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 1-1	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 11:33:39	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 12:07:09	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
	1,839	1572	138
		1572	138

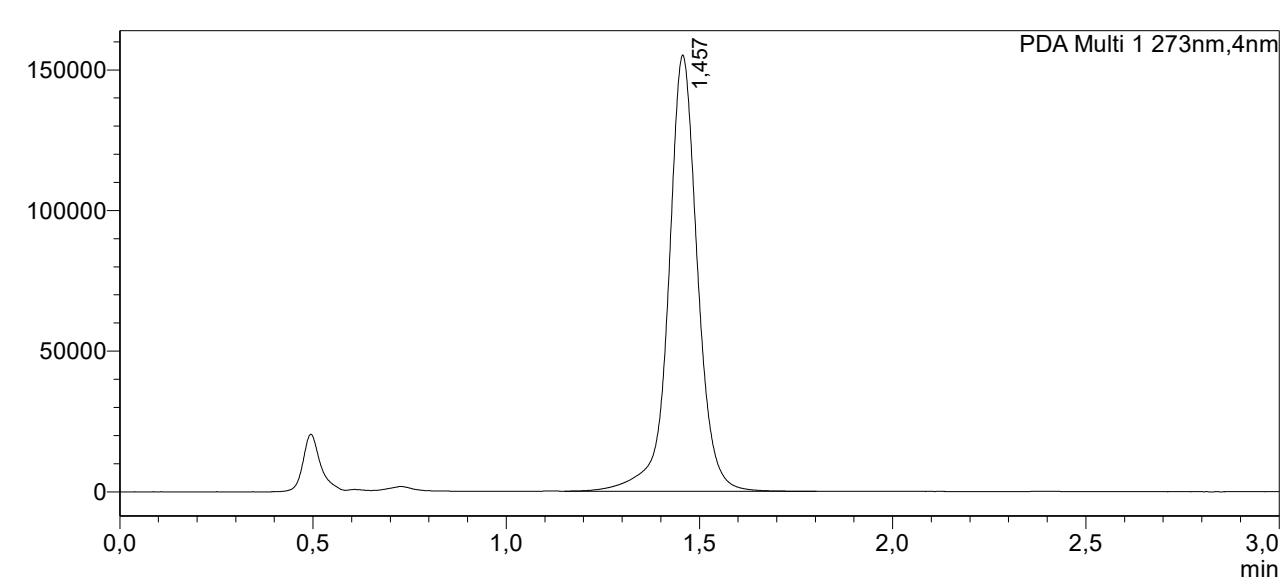
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 1		
Sample ID	: PCIN 1		
Data Filename	: PCIN_20032024_002.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 1-2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 11:37:00	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 12:07:10	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
Cafeina	1,457	808514	153509
		808514	153509

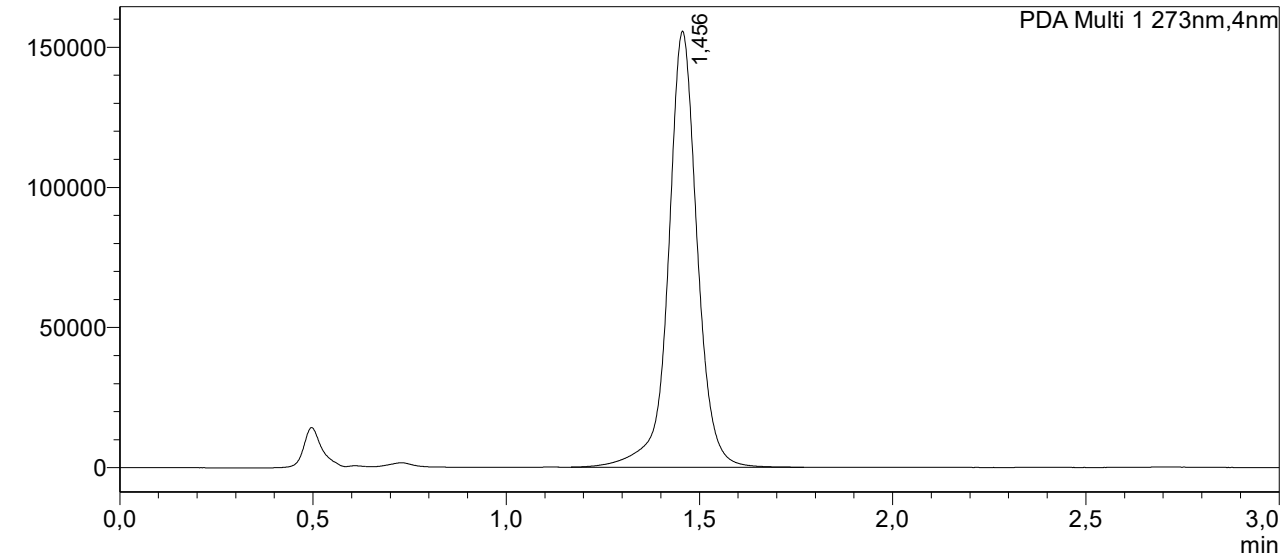
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 2		
Sample ID	: PCIN 2		
Data Filename	: PCIN_20032024_003.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 1-2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 11:40:21	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 12:07:11	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
Cafeina	1,456	809044	154198
		809044	154198

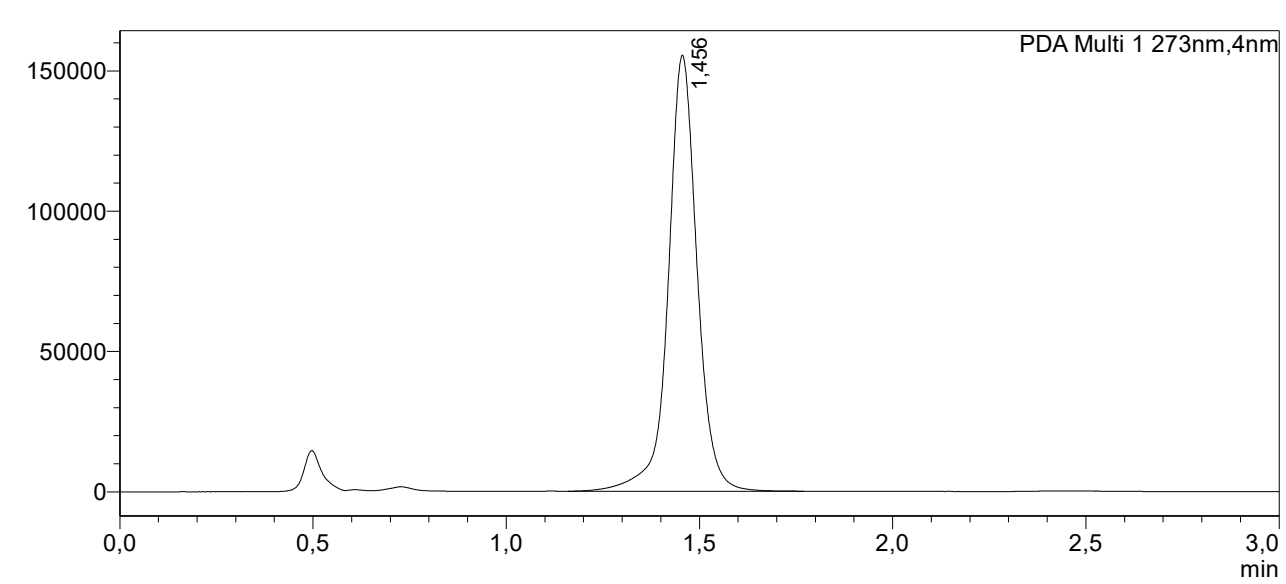
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 3		
Sample ID	: PCIN 3		
Data Filename	: PCIN_20032024_004.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 1-2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 11:43:53	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 12:07:12	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
Cafeina	1,456	808817	154215
		808817	154215

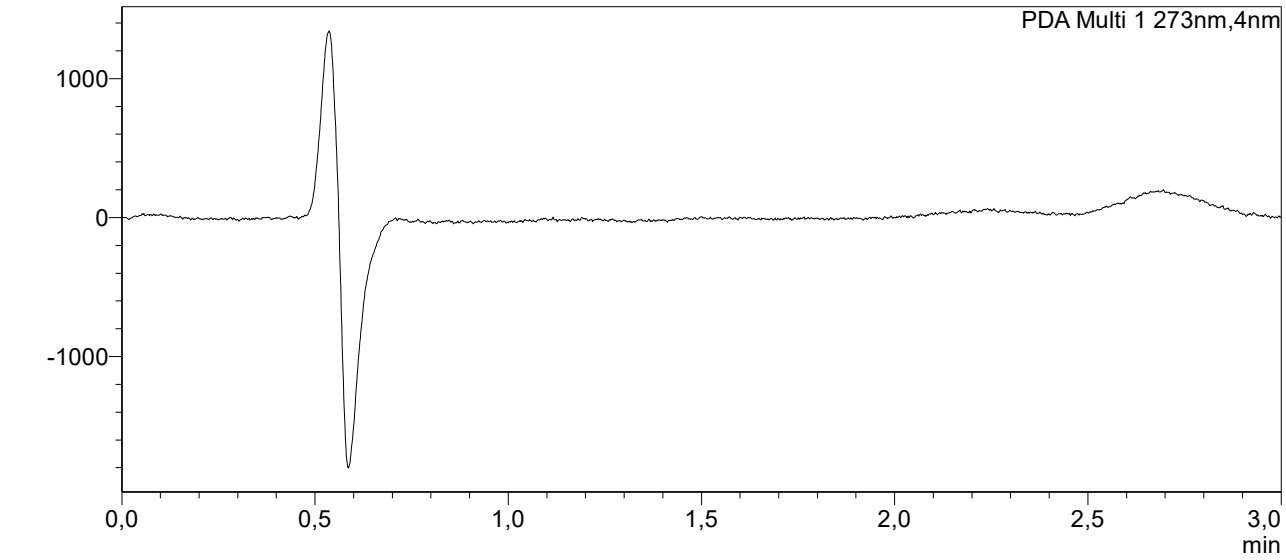
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Branco 2		
Sample ID	: Branco 2		
Data Filename	: PCIN_20032024_005.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 1-1	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 11:47:14	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 12:07:13	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height

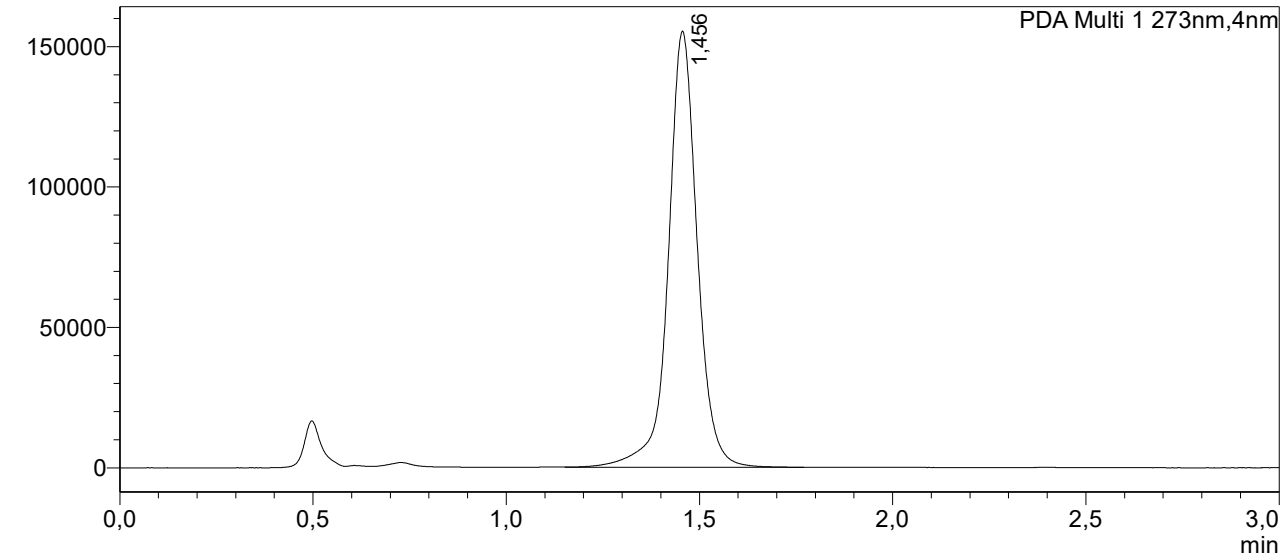
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 4		
Sample ID	: PCIN 4		
Data Filename	: PCIN_20032024_006.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 1-2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 11:50:34	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 12:07:14	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
Cafeina	1,456	809349	153995
		809349	153995

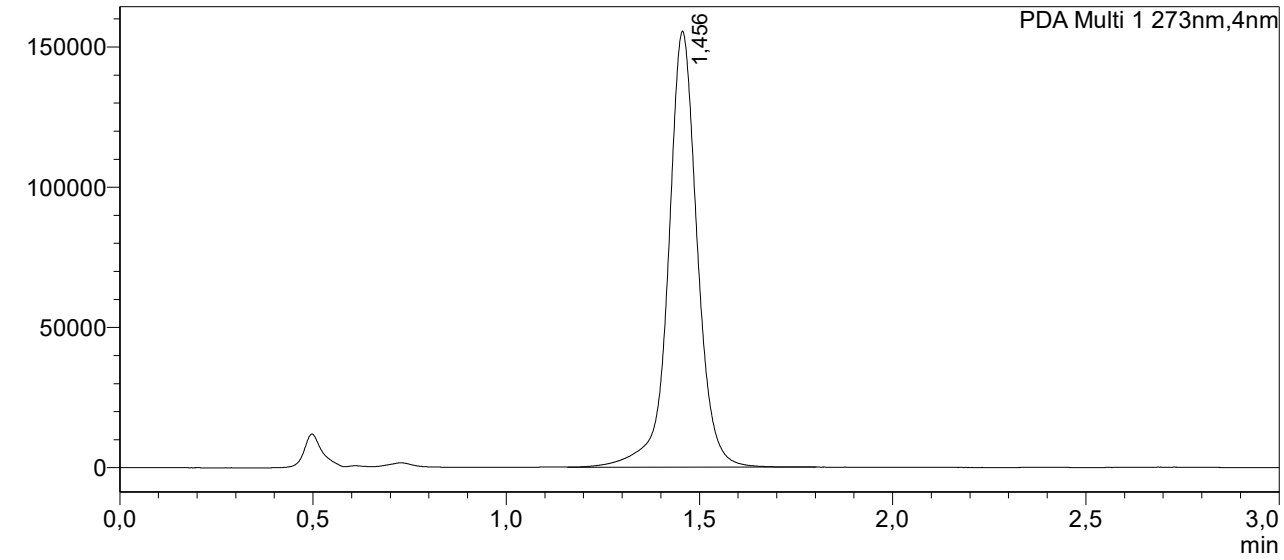
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 5		
Sample ID	: PCIN 5		
Data Filename	: PCIN_20032024_007.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 1-2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 11:53:55	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 12:07:15	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
Cafeina	1,456	808584	154072
		808584	154072

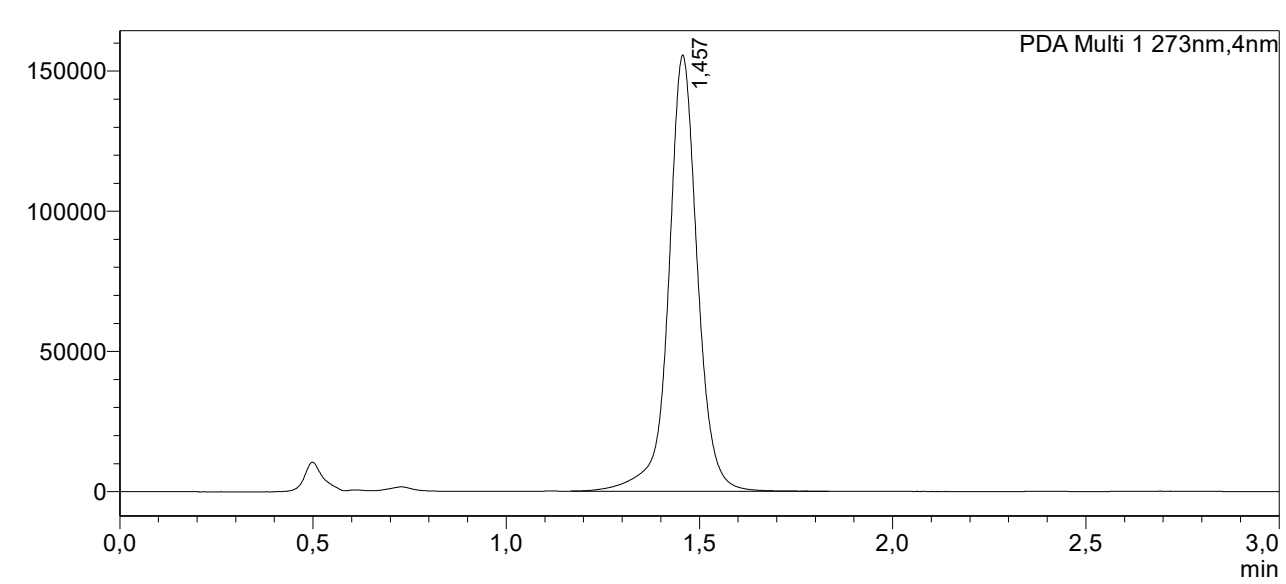
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: PCIN 6		
Sample ID	: PCIN 6		
Data Filename	: PCIN_20032024_008.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 1-2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 11:57:15	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 12:07:16	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
Cafeina	1,457	809150	153930
		809150	153930

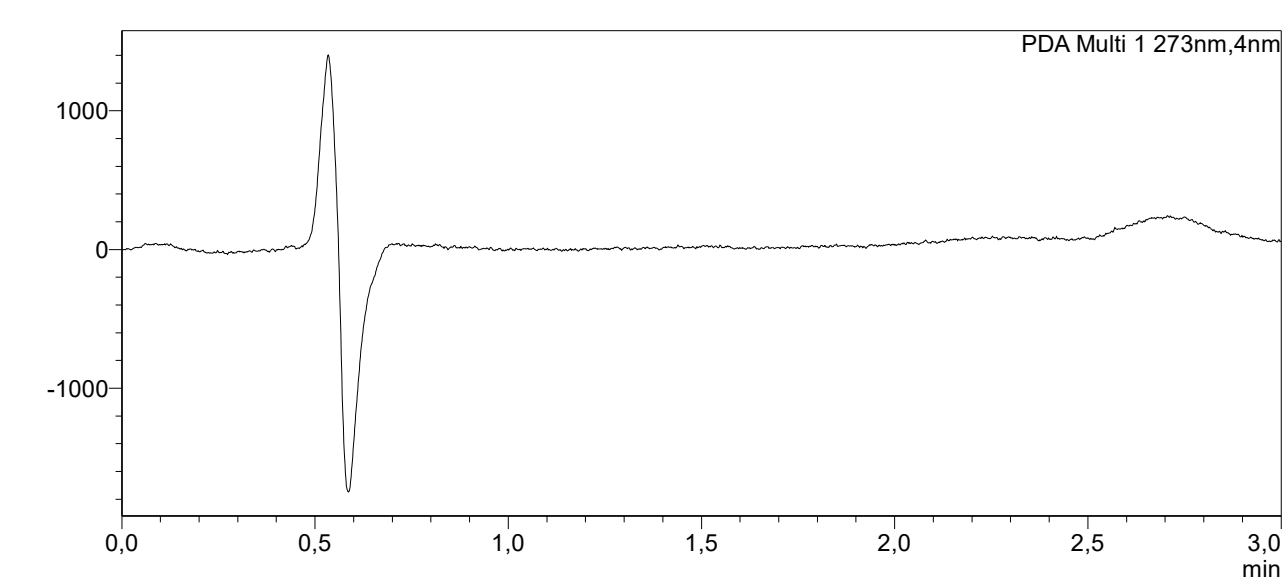
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Branco 3		
Sample ID	: Branco 3		
Data Filename	: PCIN_20032024_009.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: PCIN.lcb		
Vial #	: 1-1	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 12:00:36	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 12:07:17	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height

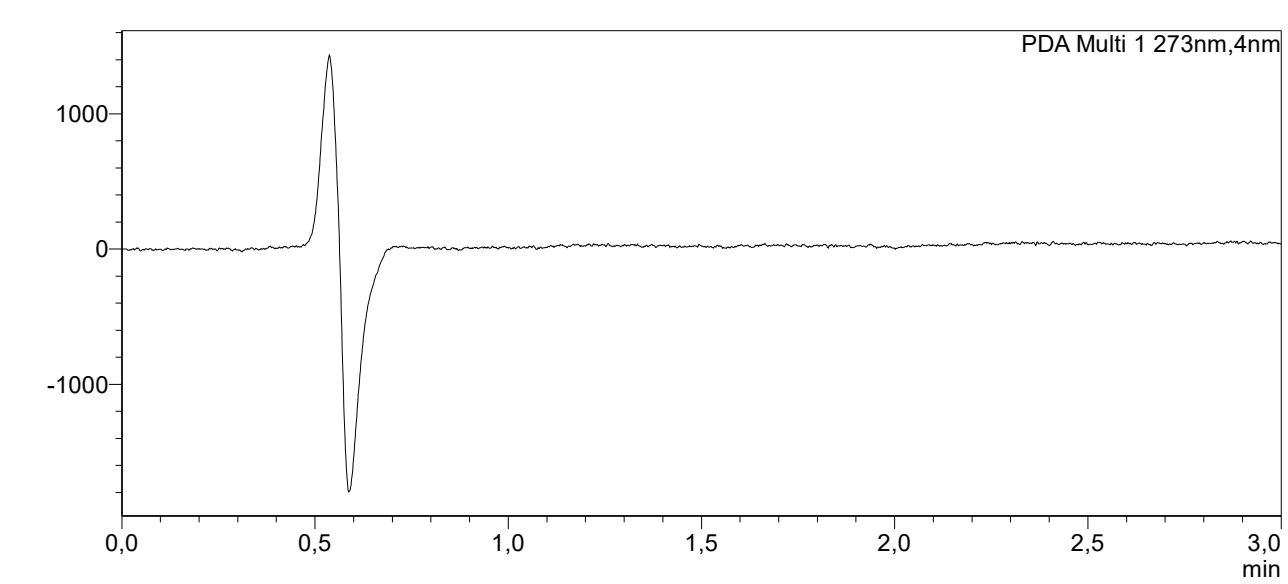
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 1		
Sample ID	: LDUV 1		
Data Filename	: LDUV_20032024_001.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: LDUV.lcb		
Vial #	: 1-1	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 12:21:07	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 12:42:03	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height

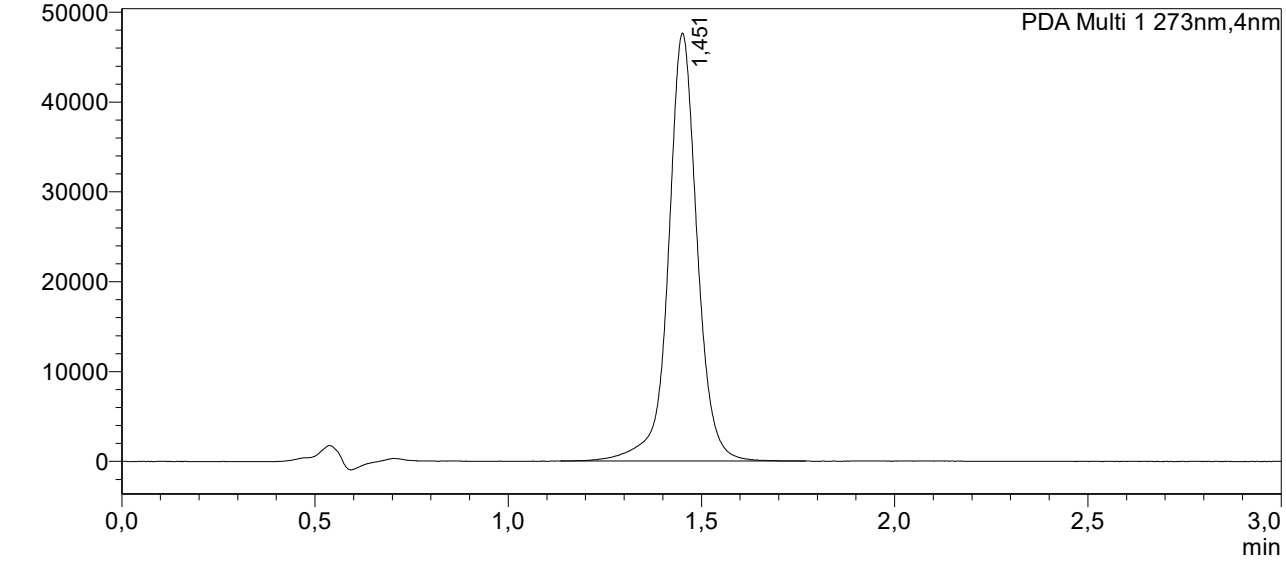
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 2		
Sample ID	: LDUV 2		
Data Filename	: LDUV_20032024_002.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: LDUV.lcb		
Vial #	: 1-2	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 12:24:28	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 12:42:04	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
Cafeina	1,451	247123	47435
		247123	47435

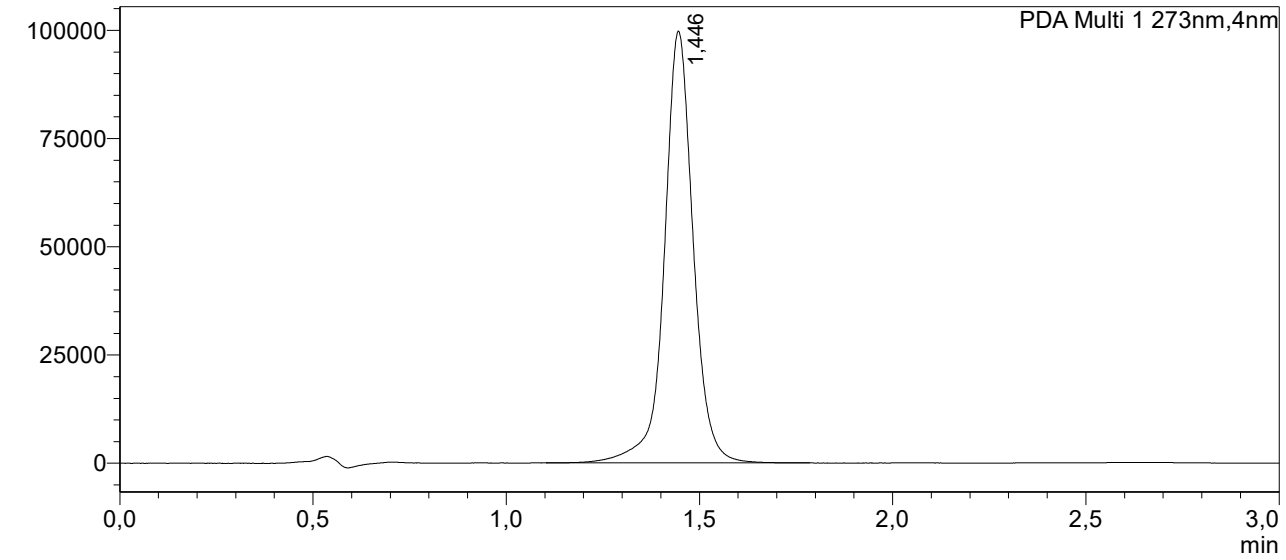
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 3		
Sample ID	: LDUV 3		
Data Filename	: LDUV_20032024_003.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: LDUV.lcb		
Vial #	: 1-3	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 12:27:49	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 12:42:05	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
Cafeina	1,446	518706	99432
		518706	99432

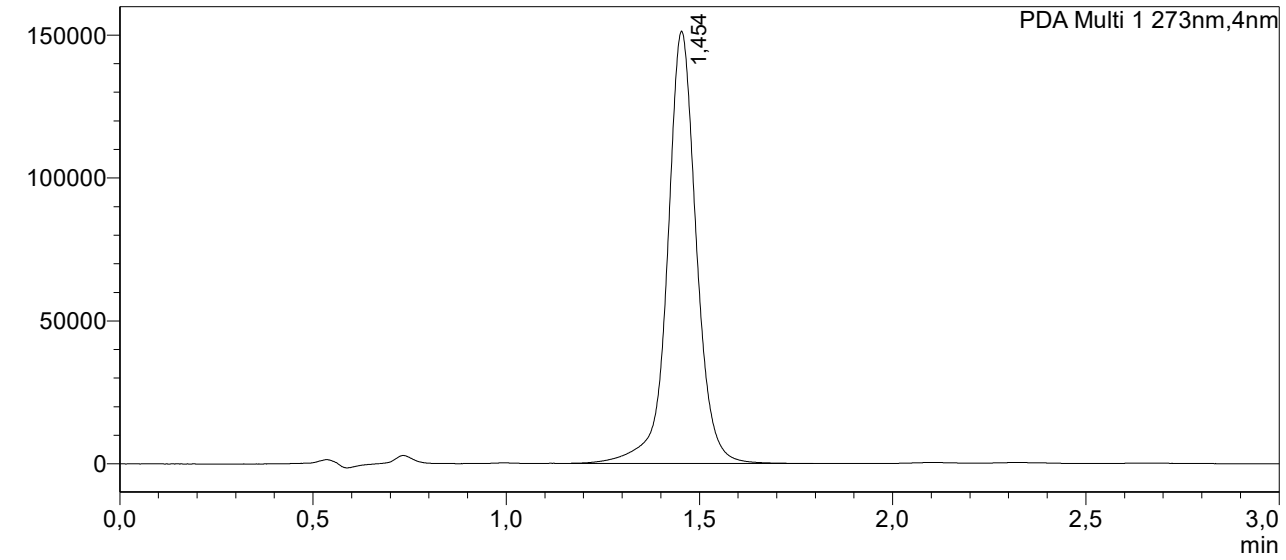
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 4		
Sample ID	: LDUV 4		
Data Filename	: LDUV_20032024_004.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: LDUV.lcb		
Vial #	: 1-4	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 12:31:09	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 12:42:06	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
Cafeina	1,454	786158	150739
		786158	150739

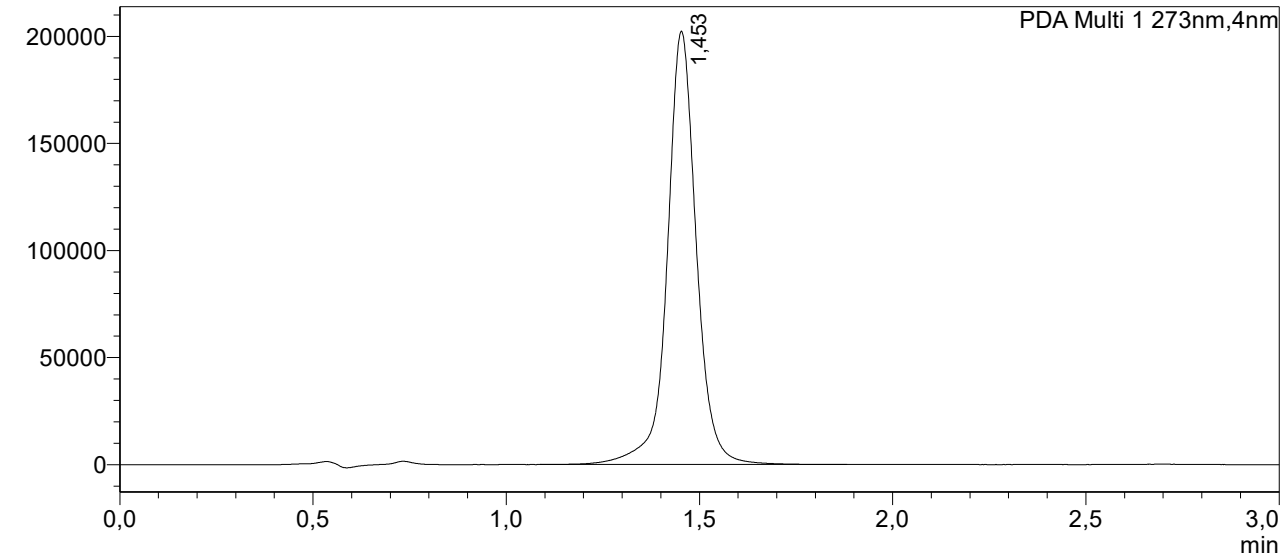
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LDUV 5		
Sample ID	: LDUV 5		
Data Filename	: LDUV_20032024_005.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: LDUV.lcb		
Vial #	: 1-5	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 12:34:31	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 12:42:07	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

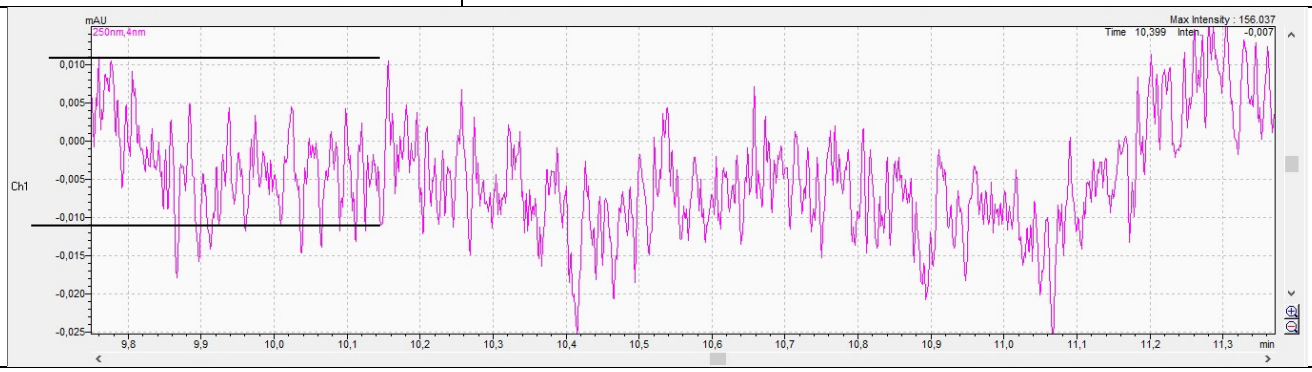
Name	Ret. Time	Area	Height
Cafeina	1,453	1060545	201852
		1060545	201852

Relatório SRELB

Detector DAD – LC-2030C – N/S L21455510330	Data: 20/03/2024

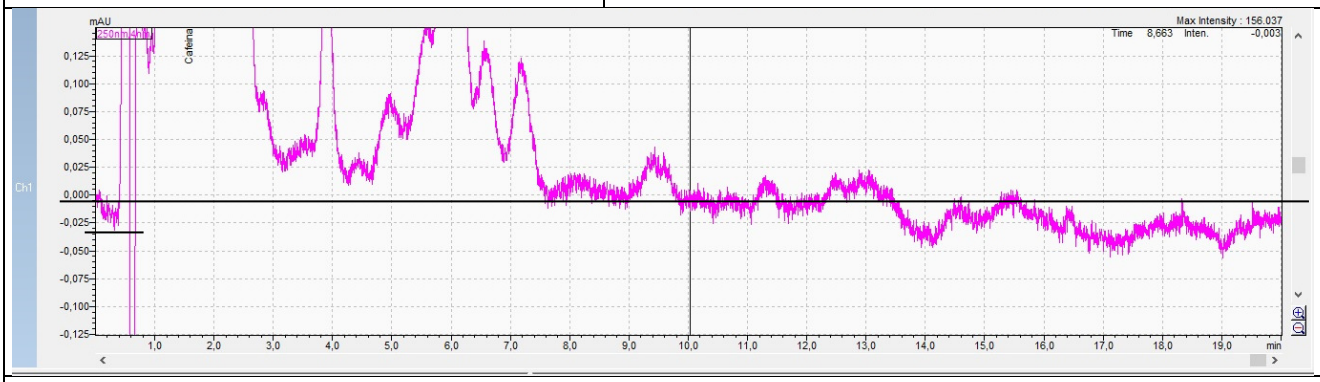
Ruído:

Valor máximo: 0.011 mAU	Diferença: 0.022 mAU
Valor mínimo: -0.011 mAU	



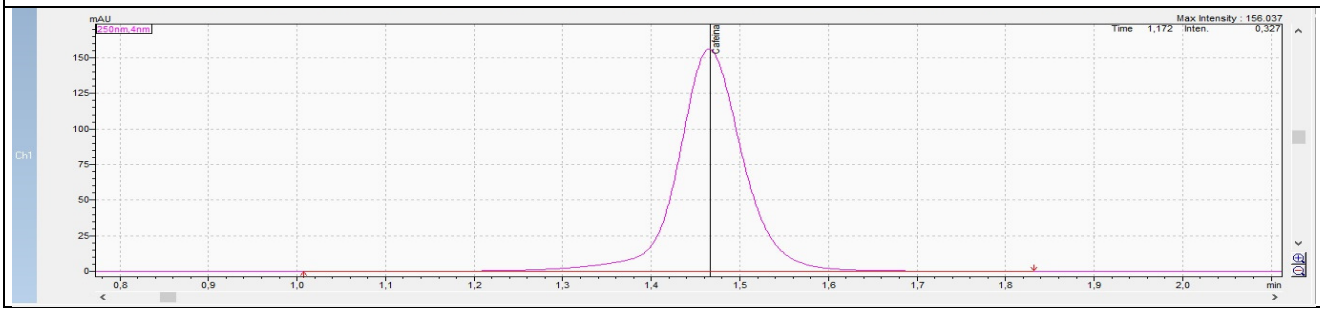
Estabilidade da Linha de Base:

Valor máximo: -0.005 mAU	Diferença (em 20 minutos): 0.040 mAU
Valor mínimo: -0.035 mAU	Diferença (em 60 minutos): 0.040 x 3 = 0.120 mAU



Altura do Pico:

Valor: 156.037 mAU



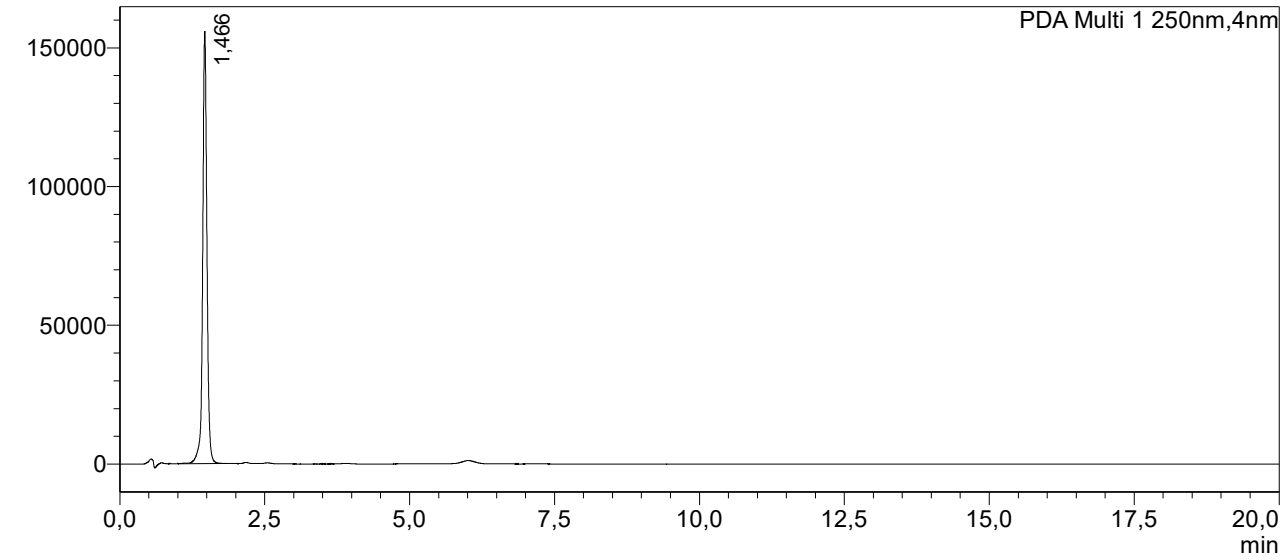
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Sinal-Ruido		
Sample ID	: Sinal-Ruido		
Data Filename	: Sinal-Ruido_20032024_002.lcd		
Method Filename	: Sinal-Ruido - Processamento.lcm		
Batch Filename	: Sinal-Ruido.lcb		
Vial #	: 1-1	Sample Type	: Unknown
Injection Volume	: 20 uL		
Date Acquired	: 20/03/2024 13:02:09	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 13:38:25	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 250nm

Name	Ret. Time	Area	Height
Cafeina	1,466	796040	154637
		796040	154637

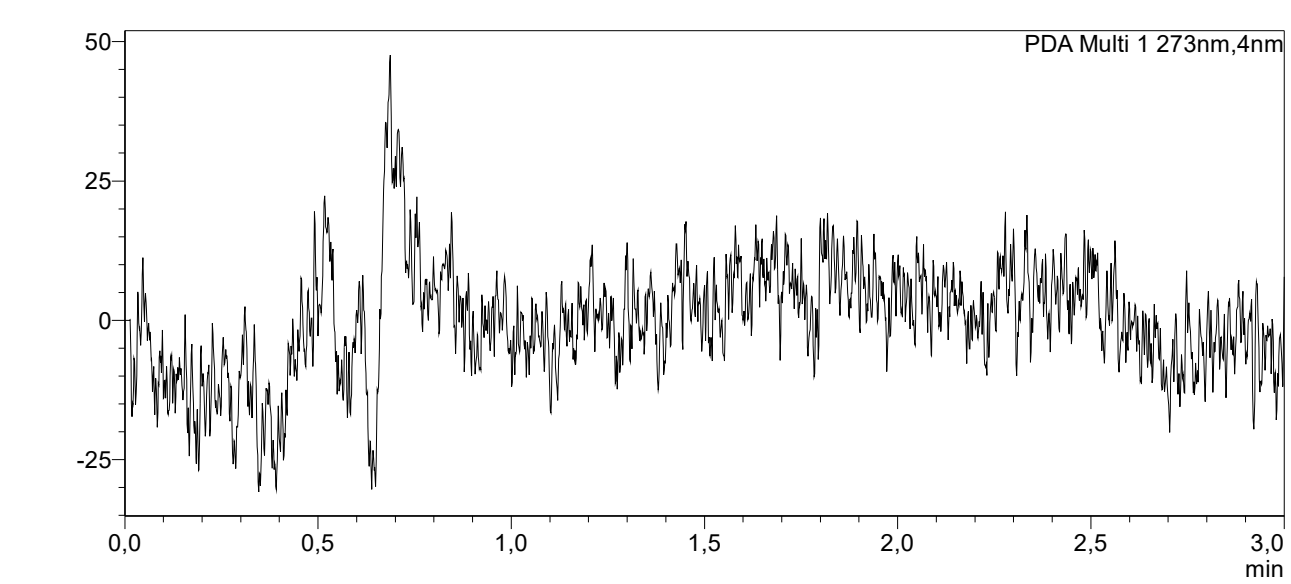
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 1		
Sample ID	: LIIN 1		
Data Filename	: LIIN_20032024_001.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: LIIN.lcb		
Vial #	: 1-1	Sample Type	: Unknown
Injection Volume	: 0,1 uL		
Date Acquired	: 20/03/2024 13:42:54	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 14:00:46	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height

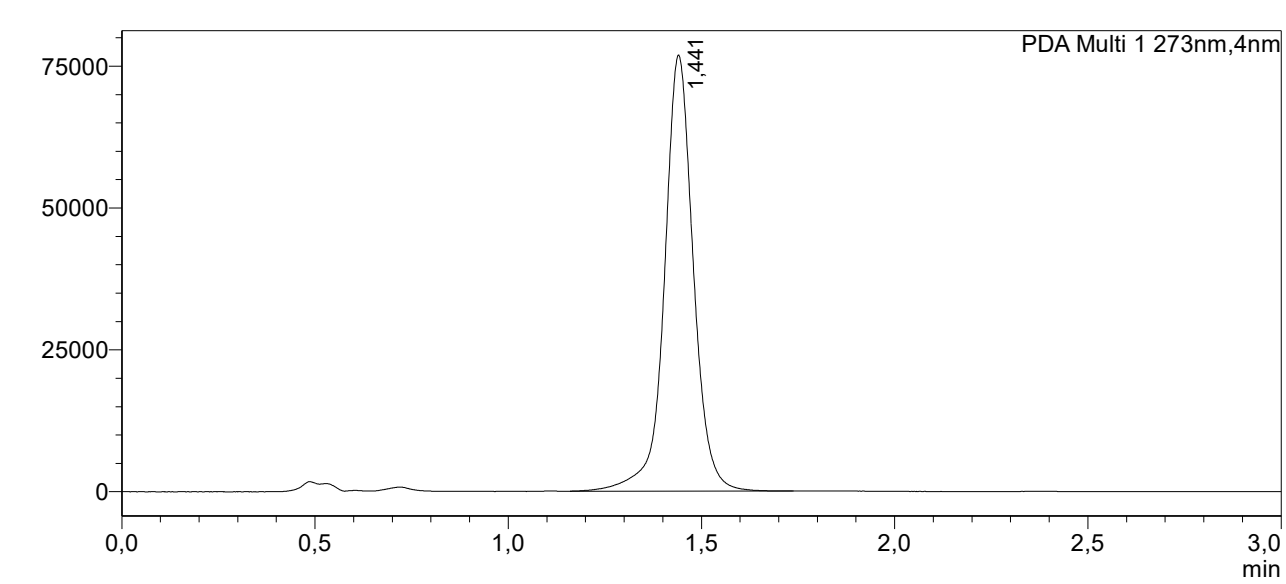
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 2		
Sample ID	: LIIN 2		
Data Filename	: LIIN_20032024_002.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: LIIN.lcb		
Vial #	: 1-1	Sample Type	: Unknown
Injection Volume	: 5 uL		
Date Acquired	: 20/03/2024 13:46:15	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 14:00:47	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
Cafeina	1,441	401932	76084
		401932	76084

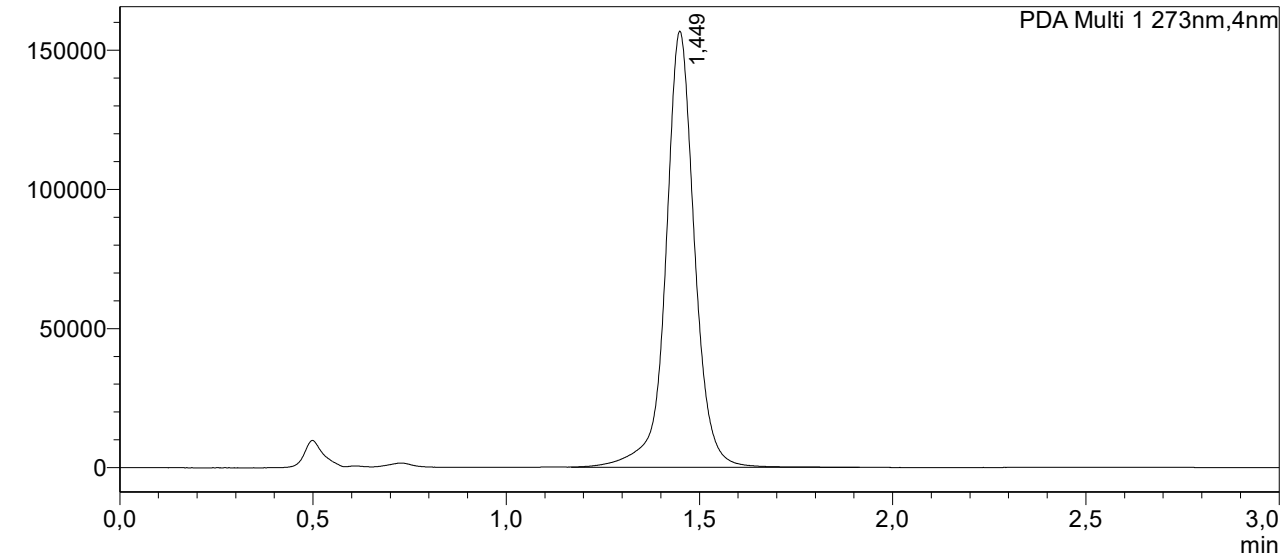
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 3		
Sample ID	: LIIN 3		
Data Filename	: LIIN_20032024_003.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: LIIN.lcb		
Vial #	: 1-1	Sample Type	: Unknown
Injection Volume	: 10 uL		
Date Acquired	: 20/03/2024 13:49:36	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 14:00:48	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
Cafeina	1,449	812747	155326
		812747	155326

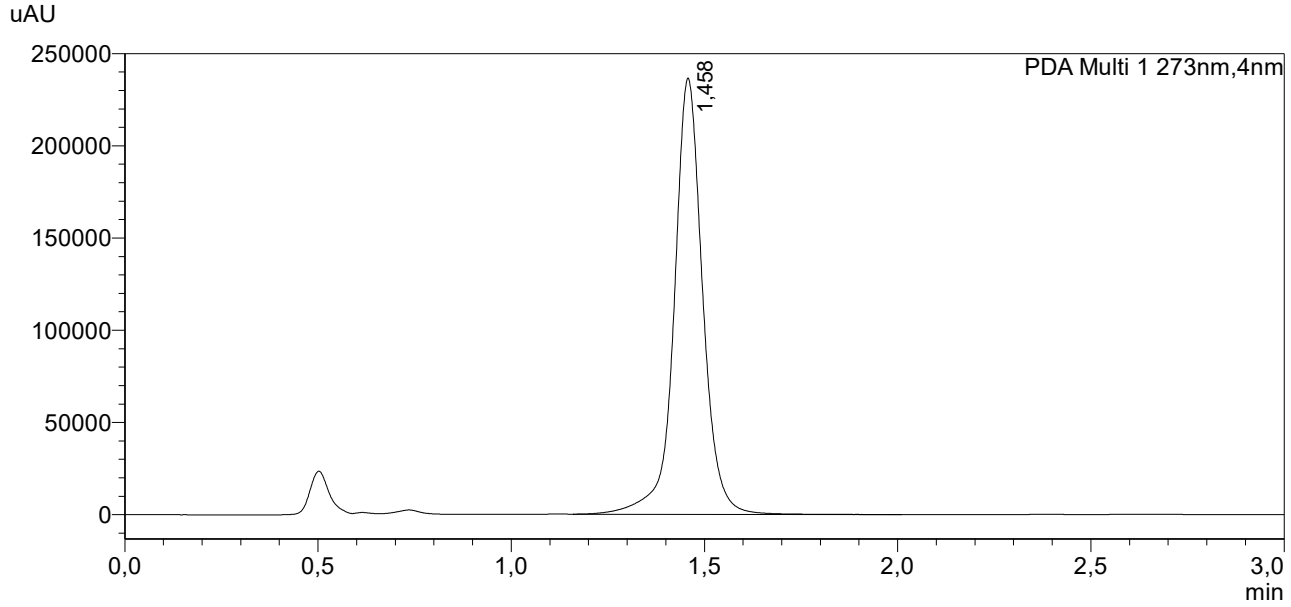
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 4		
Sample ID	: LIIN 4		
Data Filename	: LIIN_20032024_004.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: LIIN.lcb		
Vial #	: 1-1	Sample Type	: Unknown
Injection Volume	: 15 uL		
Date Acquired	: 20/03/2024 13:52:57	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 14:00:48	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
Cafeina	1,458	1218540	234632
		1218540	234632

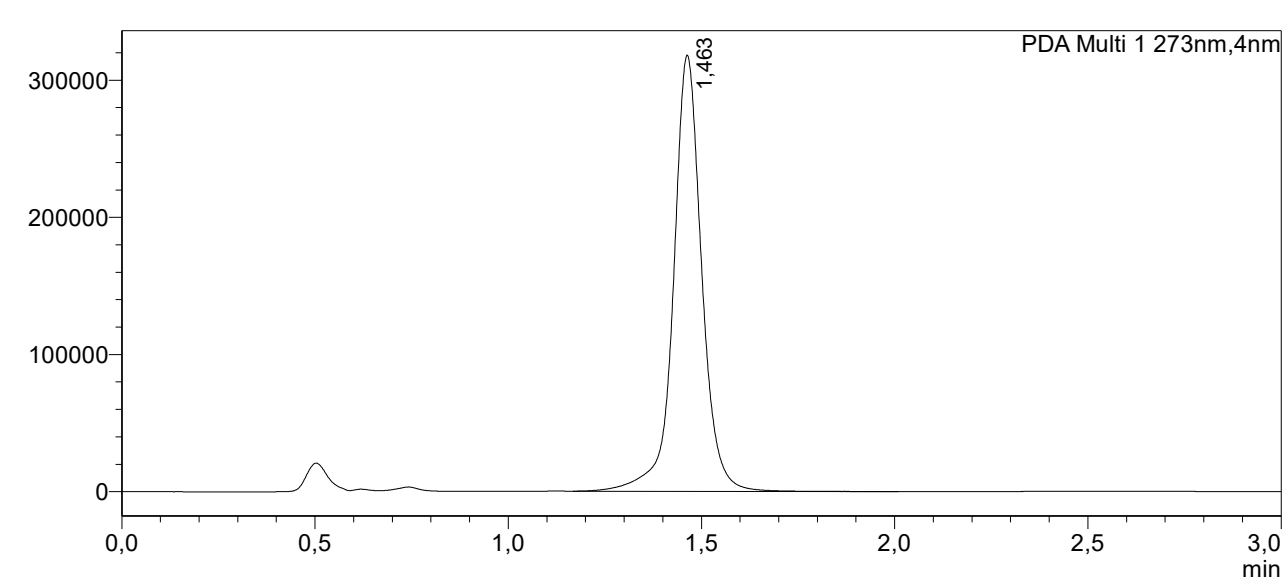
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: LIIN 5		
Sample ID	: LIIN 5		
Data Filename	: LIIN_20032024_005.lcd		
Method Filename	: Qualificação - Processamento.lcm		
Batch Filename	: LIIN.lcb		
Vial #	: 1-1	Sample Type	: Unknown
Injection Volume	: 20 uL		
Date Acquired	: 20/03/2024 13:56:18	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 14:00:49	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
Cafeina	1,463	1622722	316172
		1622722	316172

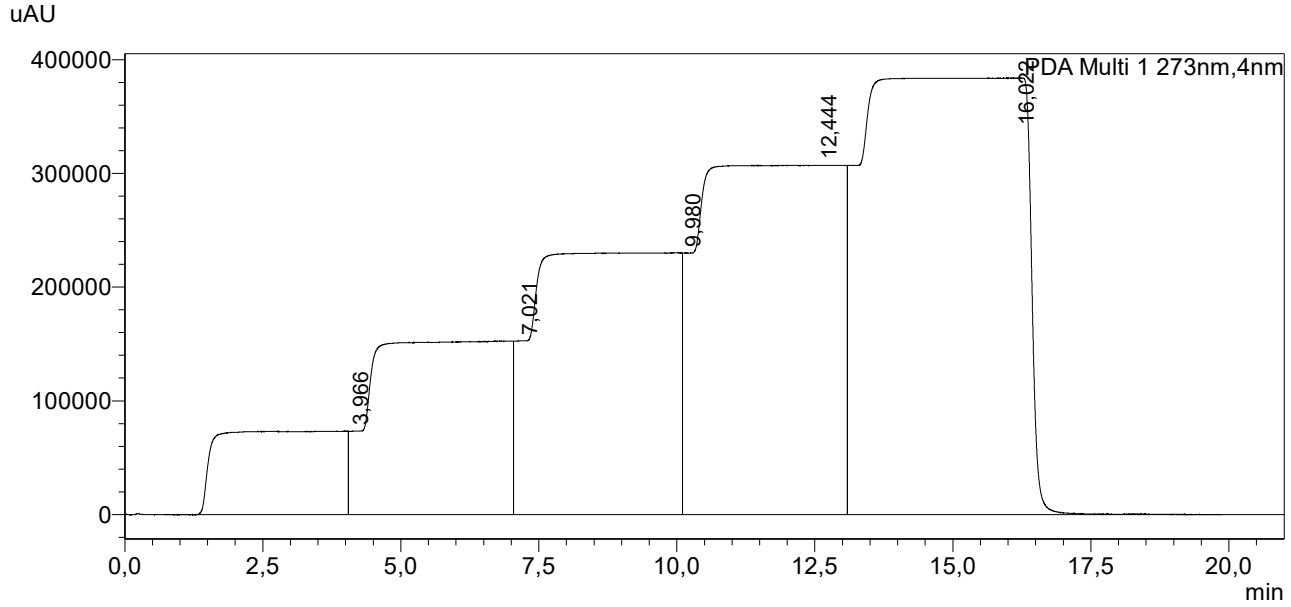
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Grad AB		
Sample ID	: Grad AB		
Data Filename	: Grad AB1.lcd		
Method Filename	: Grad AB - Processamento.lcm		
Batch Filename	: Grad AB.lcb		
Vial #	: 1-1	Sample Type	: Unknown
Injection Volume	: 0,1 uL		
Date Acquired	: 20/03/2024 14:50:39	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 15:29:43	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
20%	3,966	11162428	73449
40%	7,021	25354945	152612
60%	9,980	40345690	230196
80%	12,444	53371977	307047
100%	16,022	75758874	383746
		205993914	1147050

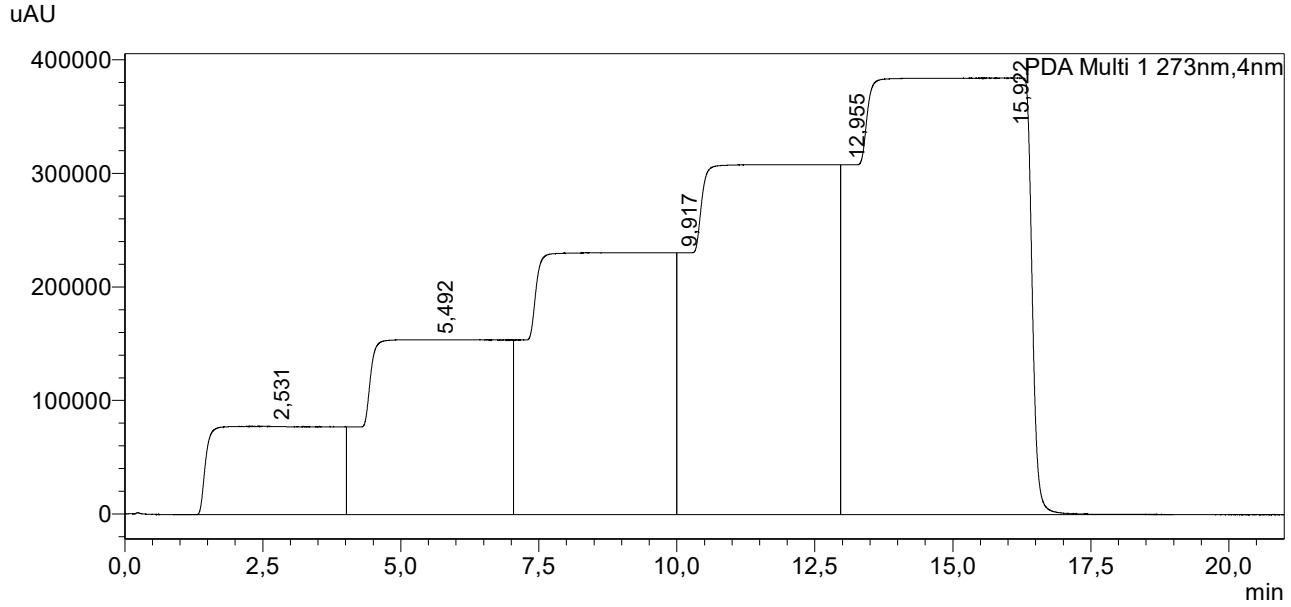
SHIMADZU LabSolutions

Analysis Report

<Sample Information>

Sample Name	: Grad CD		
Sample ID	: Grad CD		
Data Filename	: Grad CD1.lcd		
Method Filename	: Grad CD - Processamento.lcm		
Batch Filename	: Grad CD.lcb		
Vial #	: 1-1	Sample Type	: Unknown
Injection Volume	: 0,1 uL		
Date Acquired	: 20/03/2024 15:38:06	Acquired by	: Erick Bratfisch
Date Processed	: 20/03/2024 16:04:11	Processed by	: Erick Bratfisch

<Chromatogram>



<Peak Table>

PDA Ch1 273nm

Name	Ret. Time	Area	Height
20%	2,531	11883918	77732
40%	5,492	25913900	153940
60%	9,917	39041044	230537
80%	12,955	52746324	307994
100%	15,922	78136215	384185
		207721402	1154389