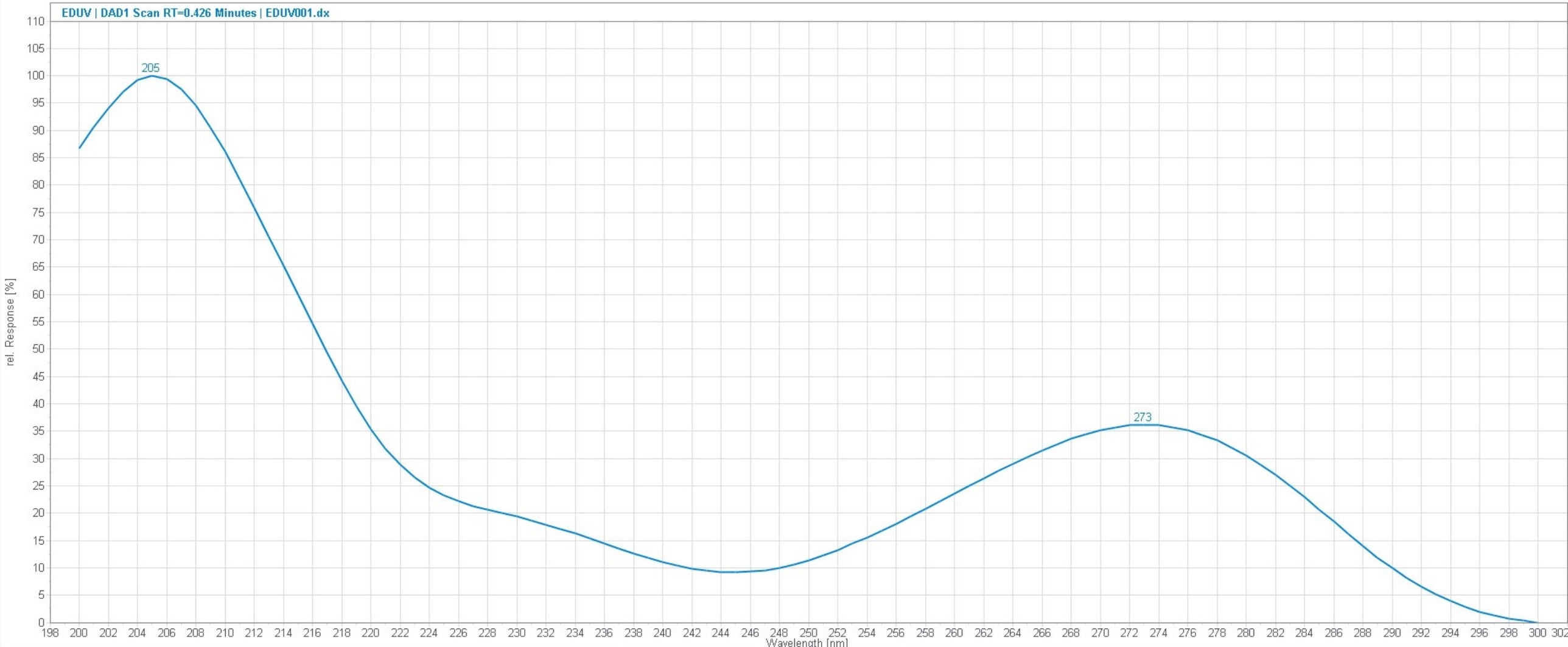
UV Spectrum

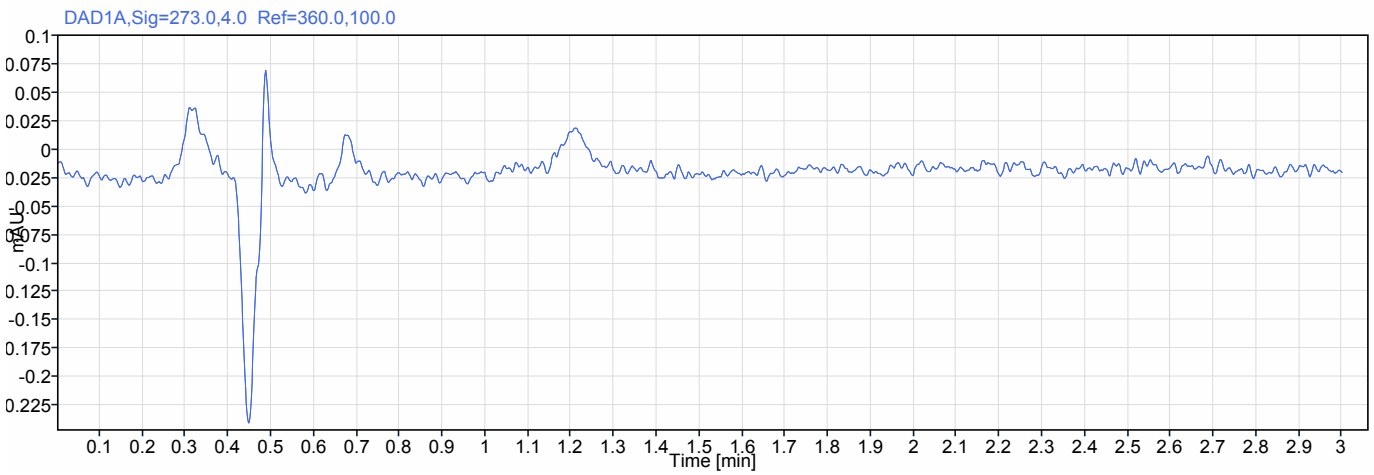
Display mode Separate



Single Injection Report

Agilent Technologies

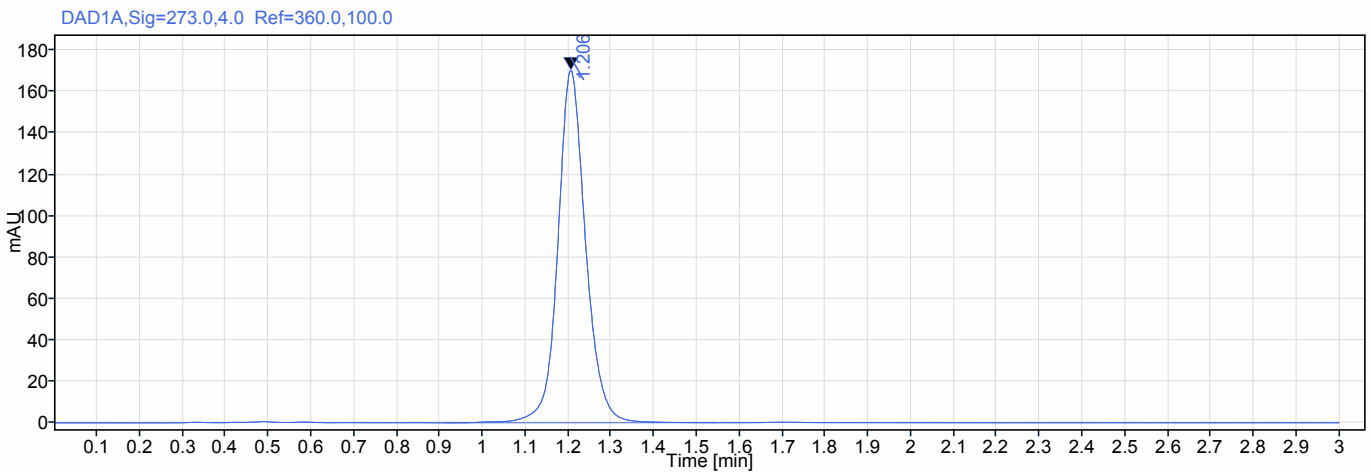
Data file:	2024-12-16 22-27-13-02-00-01.dx		
Sequence Name:	PCIN2024-12-16 22-27-03-02-00	**Project Name:**	KEMIN
Sample name:	Branco 1	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 22:28:06-02:00
Inj. volume:	10.0	**Location:**	1
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



Single Injection Report

Agilent Technologies

Data file:	2024-12-16 22-31-09-02-00-02.dx		
Sequence Name:	PCIN2024-12-16 22-27-03-02-00	**Project Name:**	KEMIN
Sample name:	PCIN 1	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 22:32:03-02:00
Inj. volume:	10.0	**Location:**	2
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



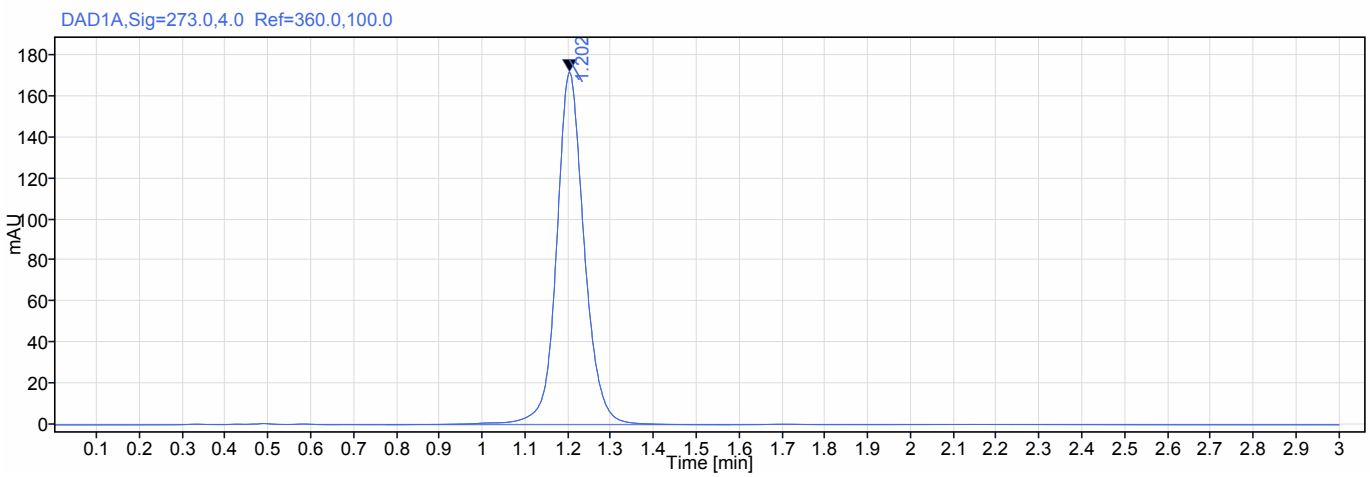
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.206	Cafeína	768.05	170.37
	Sum	768.05	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 22-35-07-02-00-03.dx		
Sequence Name:	PCIN2024-12-16 22-27-03-02-00	**Project Name:**	KEMIN
Sample name:	PCIN 2	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 22:36:01-02:00
Inj. volume:	10.0	**Location:**	2
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



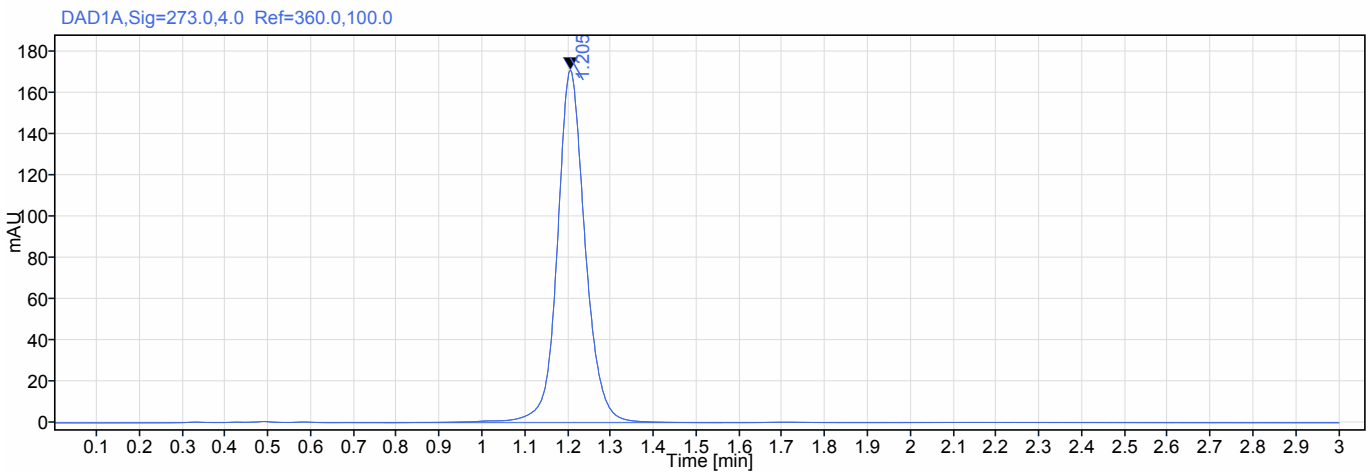
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.202	Cafeína	773.28	171.53
	Sum	773.28	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 22-39-04-02-00-04.dx		
Sequence Name:	PCIN2024-12-16 22-27-03-02-00	**Project Name:**	KEMIN
Sample name:	PCIN 3	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 22:39:58-02:00
Inj. volume:	10.0	**Location:**	2
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



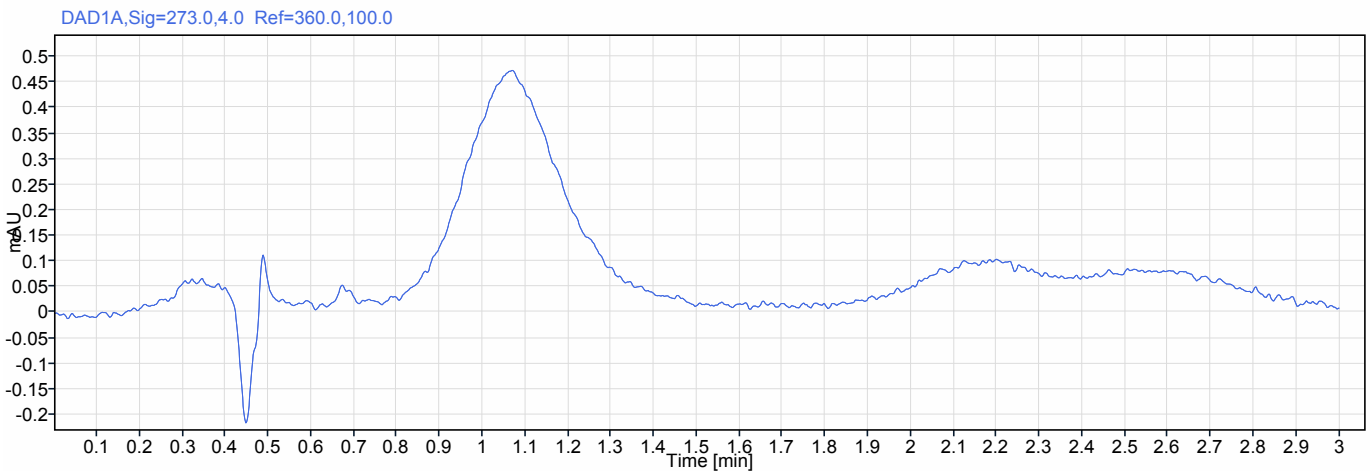
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.205	Cafeína	773.66	170.71
	Sum	773.66	

Single Injection Report

Agilent Technologies

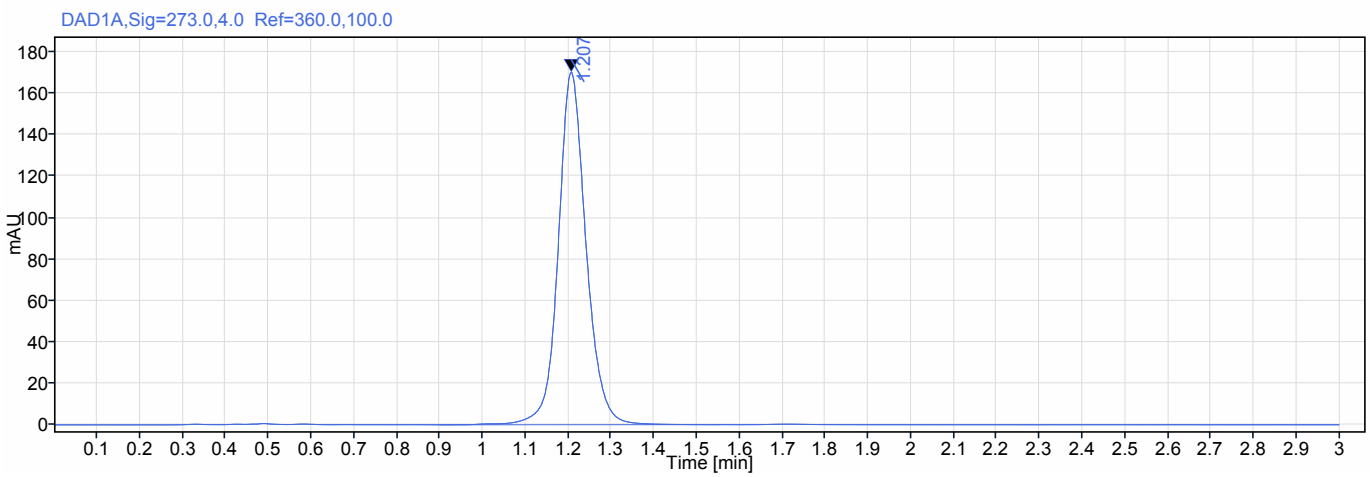
Data file:	2024-12-16 22-43-02-02-00-05.dx		
Sequence Name:	PCIN2024-12-16 22-27-03-02-00	**Project Name:**	KEMIN
Sample name:	Branco 2	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 22:43:55-02:00
Inj. volume:	10.0	**Location:**	1
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



Single Injection Report

Agilent Technologies

Data file:	2024-12-16 22-46-59-02-00-06.dx		
Sequence Name:	PCIN2024-12-16 22-27-03-02-00	**Project Name:**	KEMIN
Sample name:	PCIN 4	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 22:47:54-02:00
Inj. volume:	10.0	**Location:**	2
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



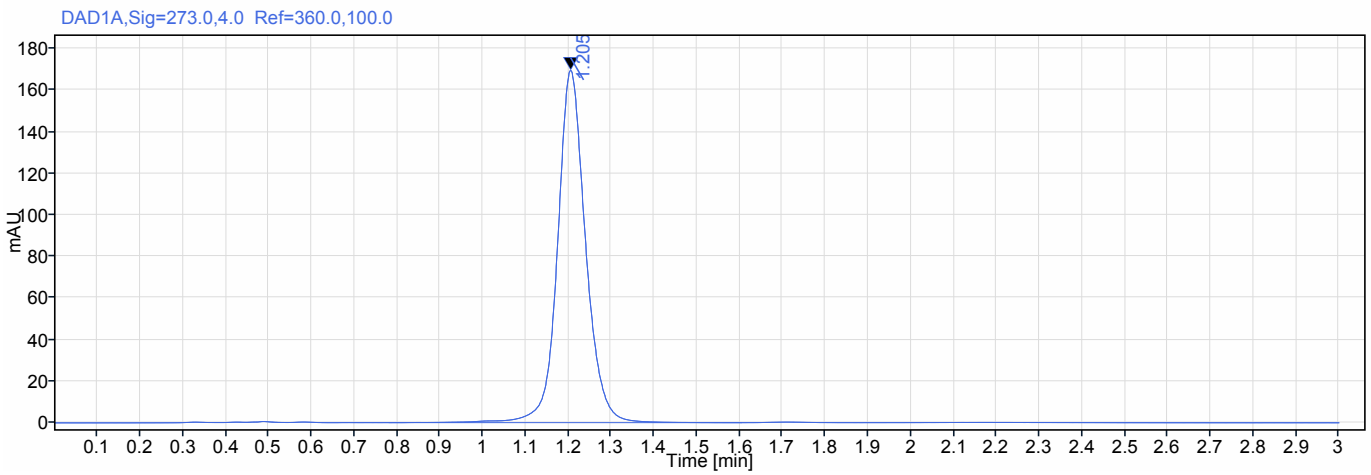
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.207	Cafeína	768.26	170.35
	Sum	768.26	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 22-50-58-02-00-07.dx		
Sequence Name:	PCIN2024-12-16 22-27-03-02-00	**Project Name:**	KEMIN
Sample name:	PCIN 5	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 22:51:51-02:00
Inj. volume:	10.0	**Location:**	2
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



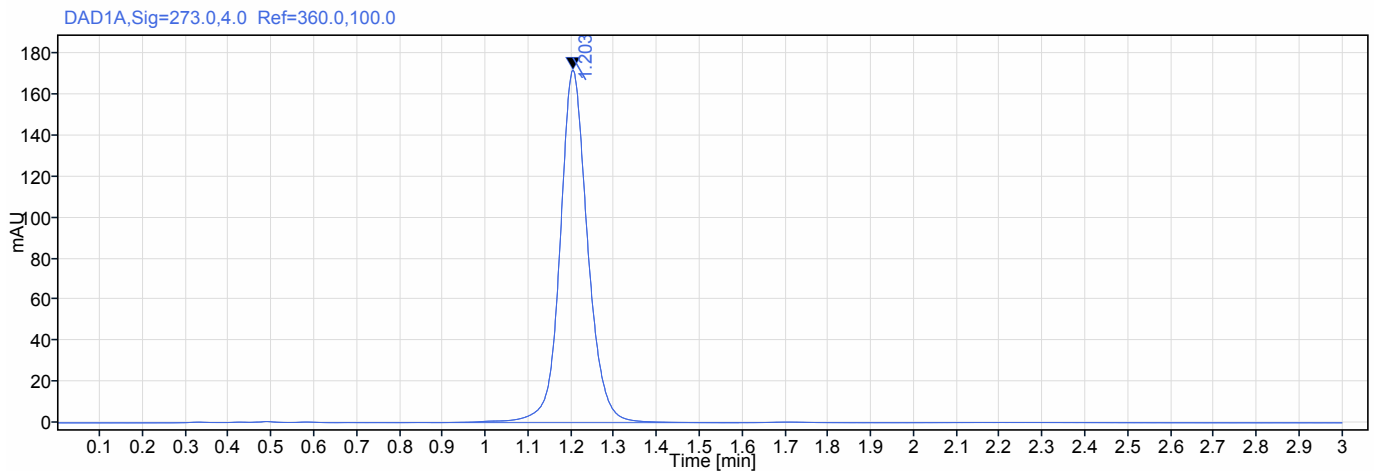
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.205	Cafeína	773.97	169.57
	Sum	773.97	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 22-54-54-02-00-08.dx		
Sequence Name:	PCIN2024-12-16 22-27-03-02-00	**Project Name:**	KEMIN
Sample name:	PCIN 6	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 22:55:47-02:00
Inj. volume:	10.0	**Location:**	2
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



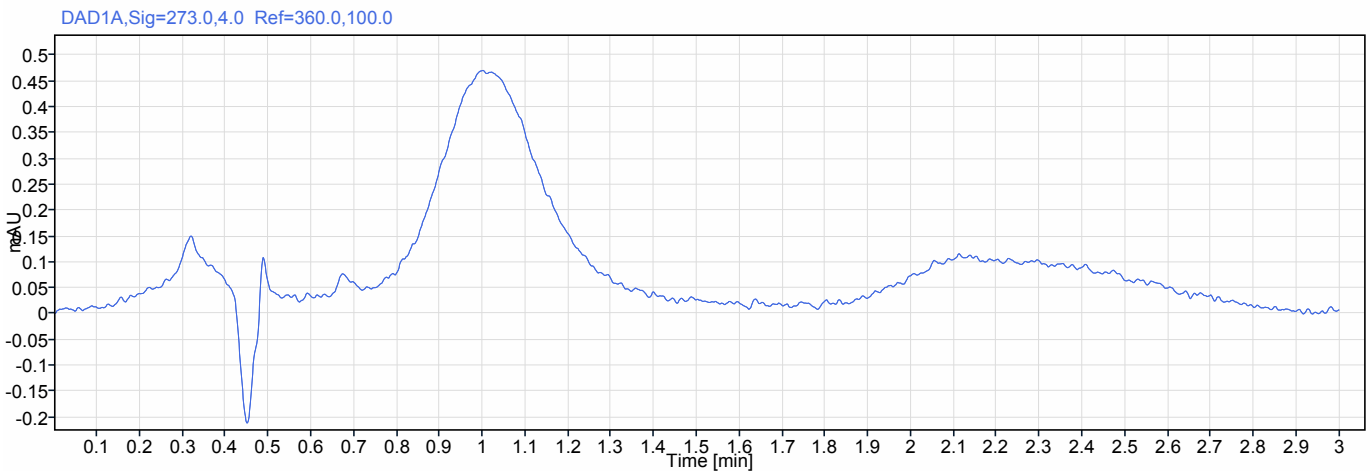
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.203	Cafeína	773.37	171.92
	Sum	773.37	

Single Injection Report

Agilent Technologies

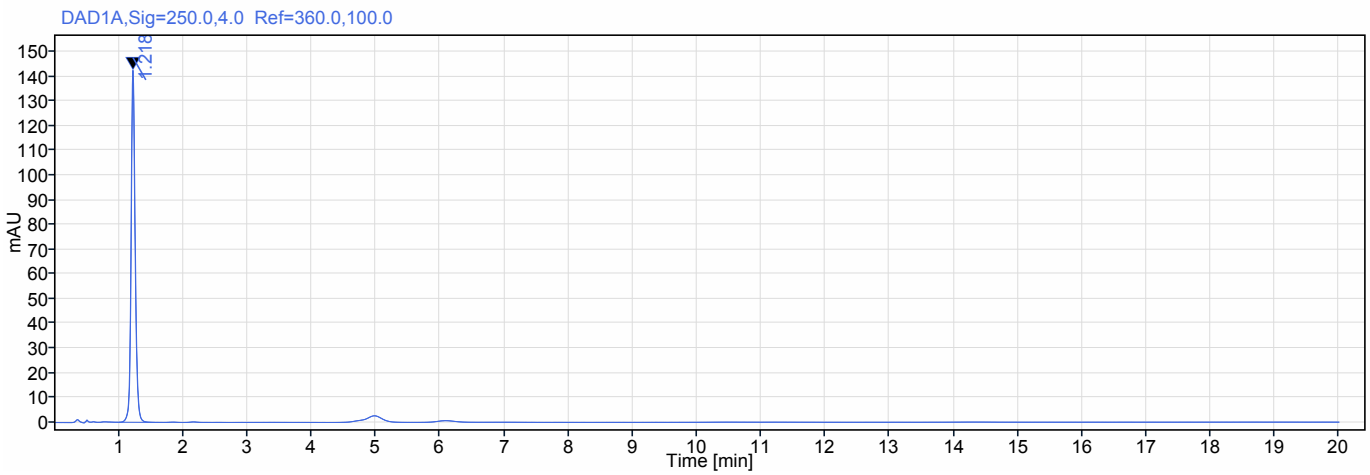
Data file:	2024-12-16 22-58-50-02-00-09.dx		
Sequence Name:	PCIN2024-12-16 22-27-03-02-00	**Project Name:**	KEMIN
Sample name:	Branco 3	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 22:59:45-02:00
Inj. volume:	10.0	**Location:**	1
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



Single Injection Report

Agilent Technologies

Data file:	Sinal-Ruido001.dx		
Sequence Name:	SingleSample	**Project Name:**	KEMIN
Sample name:	Sinal-Ruido	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 11:31:38-02:00
Inj. volume:	20.0	**Location:**	01
Acq. method:	Sinal-Ruido.amx	**Type:**	Sample
Processing method:	*Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



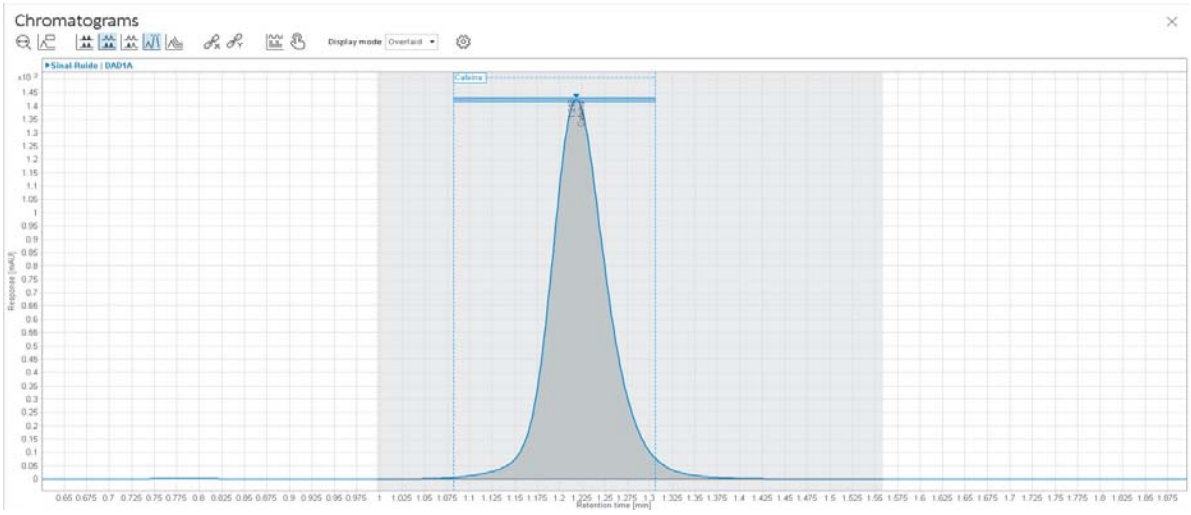
Signal: DAD1A,Sig=250.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.218	Cafeína	632.01	142.53
	Sum	632.01	

Certificado Nº: 551/24 - RELB	Início da Qualificação: 17/12/2024	Página 1 de 3

Resultado obtido na altura do pico

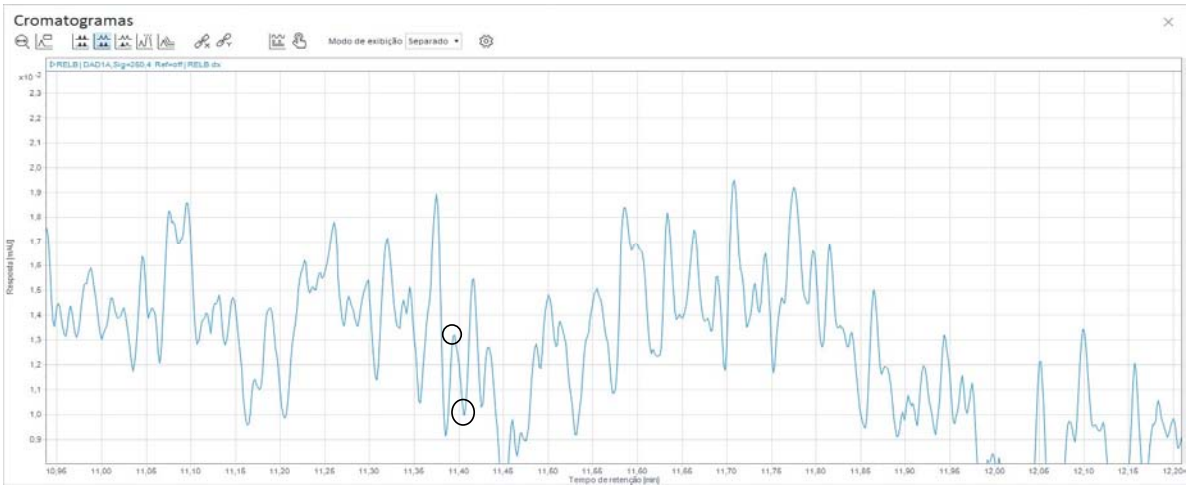
	ALTURA DO PICO (mAU)
Resultado:	142.53000



Certificado Nº: 551/24 - RELB	Início da Qualificação: 17/12/2024	Página 2 de 3

Resultado obtido no teste de sinal/ruído

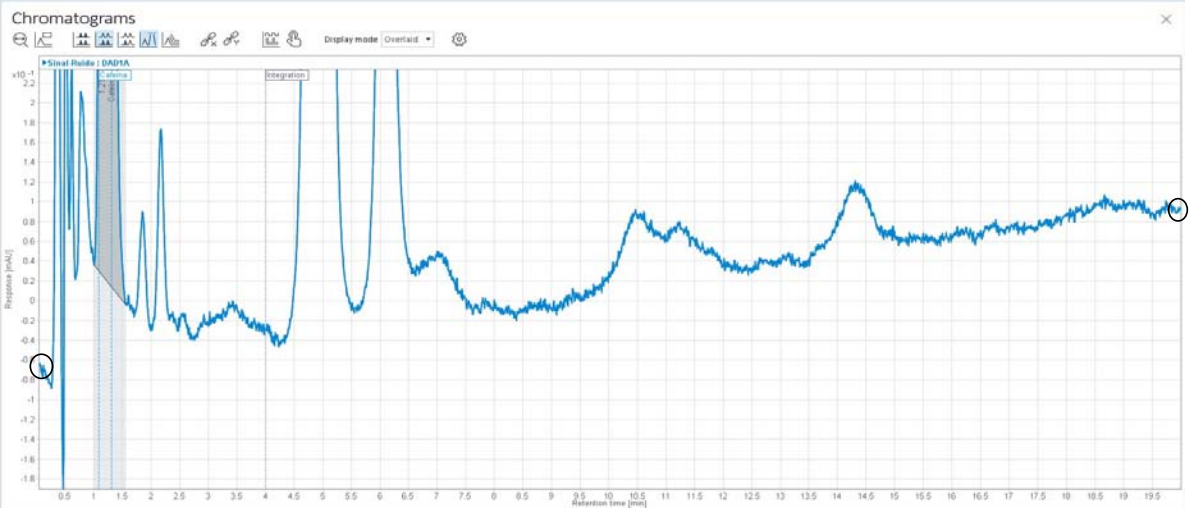
Resultado:	Ruído (mAU)
VALOR MÁXIMO:	0.0132
VALOR MÍNIMO:	0.0100
	Ruído
	0.0032



Certificado Nº: 551/24 - RELB	Início da Qualificação: 17/12/2024	Página 3 de 3

Resultado obtido no teste estabilidade da linha de base

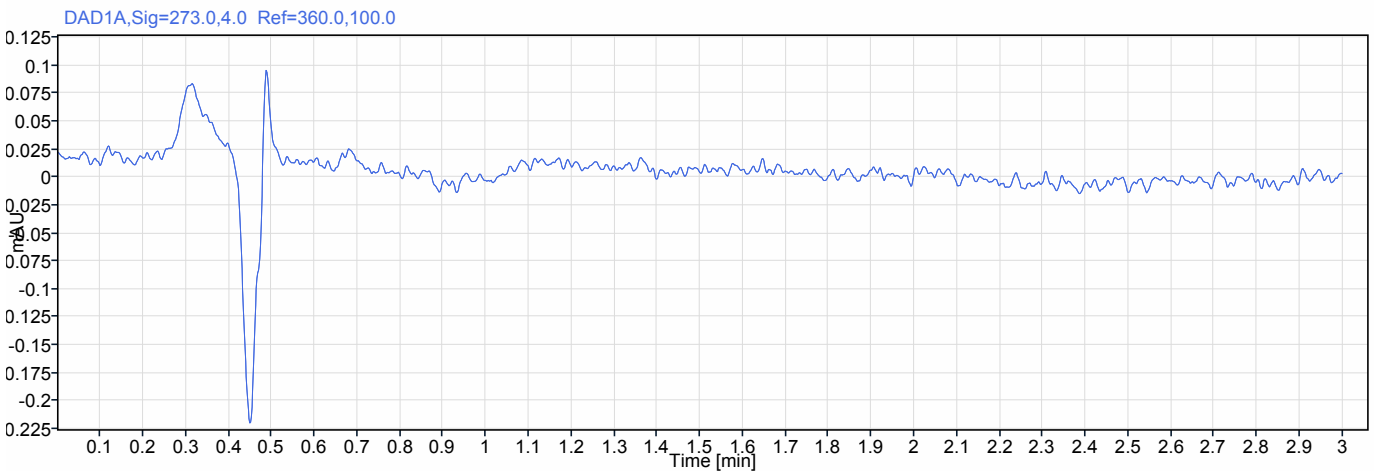
Estabilidade da Linha de Base	Diferença 20 min	Diferença 60 min
VALOR MÁXIMO:	0.7000	0.2400
VALOR MÍNIMO:	0.6200	
Resultado:	0.0800	



Single Injection Report

Agilent Technologies

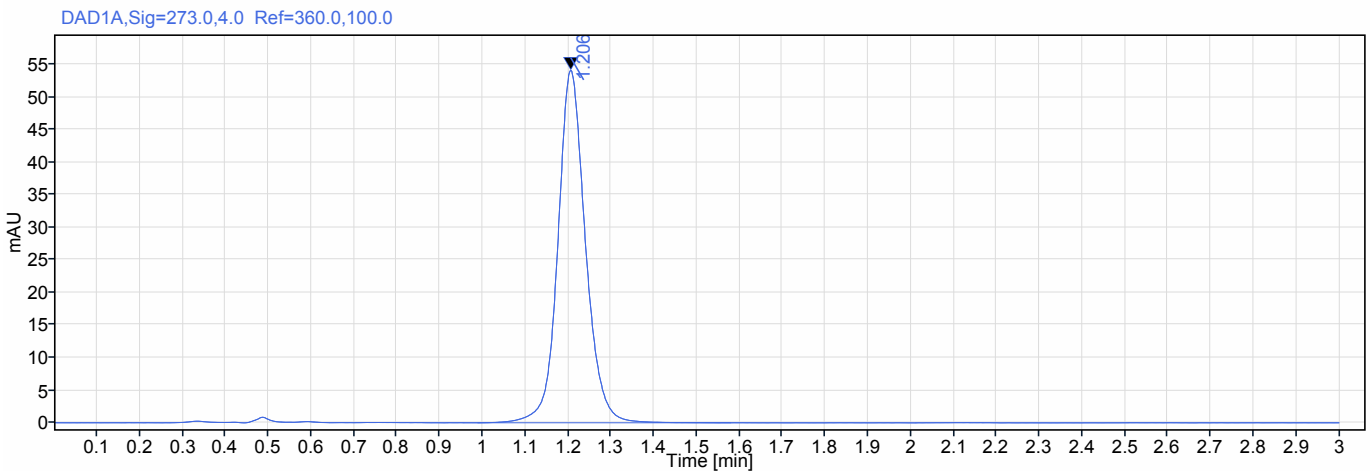
Data file:	2024-12-16 23-07-46-02-00-01.dx		
Sequence Name:	LDUV2024-12-16 23-07-35-02-00	**Project Name:**	KEMIN
Sample name:	LDUV 1	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 23:08:39-02:00
Inj. volume:	10.0	**Location:**	1
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



Single Injection Report

Agilent Technologies

Data file:	2024-12-16 23-11-41-02-00-02.dx		
Sequence Name:	LDUV2024-12-16 23-07-35-02-00	**Project Name:**	KEMIN
Sample name:	LDUV 2	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 23:12:36-02:00
Inj. volume:	10.0	**Location:**	2
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



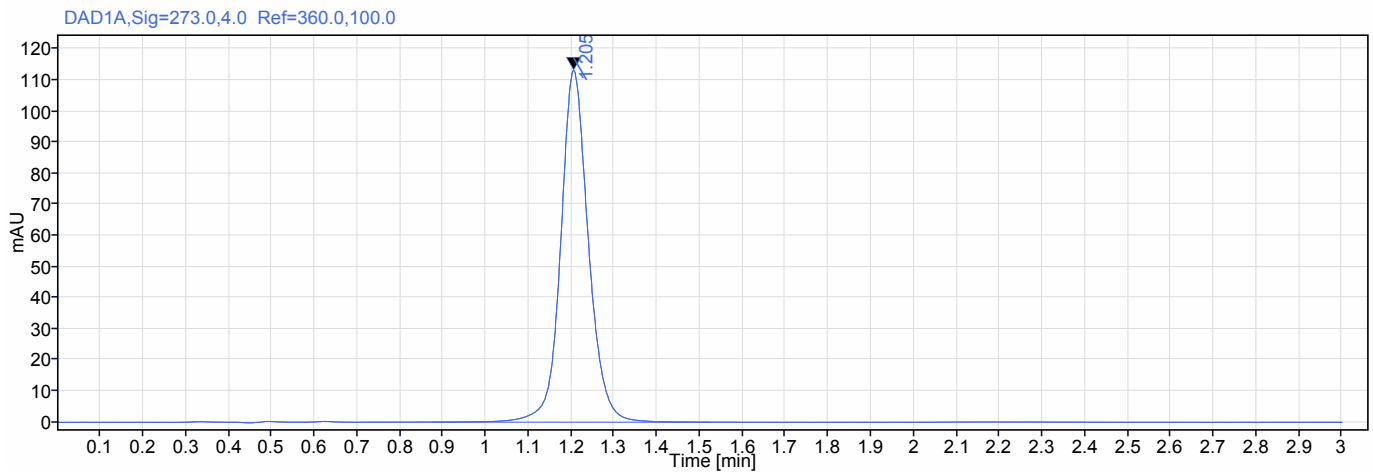
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.206	Cafeína	242.65	54.17
	Sum	242.65	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 23-15-38-02-00-03.dx		
Sequence Name:	LDUV2024-12-16 23-07-35-02-00	**Project Name:**	KEMIN
Sample name:	LDUV 3	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 23:16:29-02:00
Inj. volume:	10.0	**Location:**	3
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



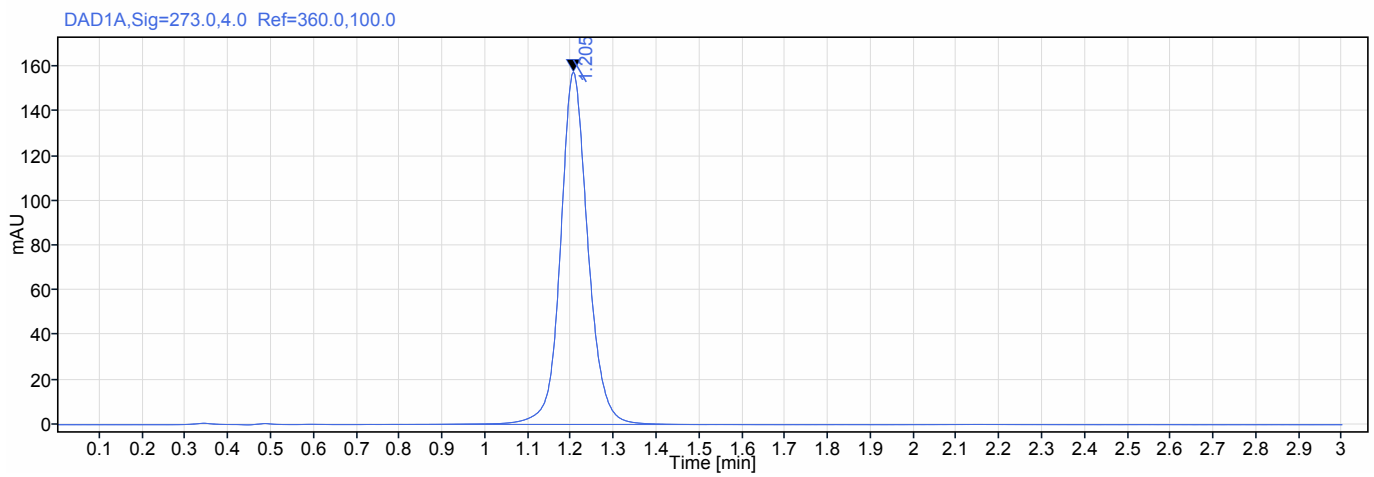
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.205	Cafeína	511.48	113.08
	Sum	511.48	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 23-19-31-02-00-04.dx		
Sequence Name:	LDUV2024-12-16 23-07-35-02-00	**Project Name:**	KEMIN
Sample name:	LDUV 4	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 23:20:25-02:00
Inj. volume:	10.0	**Location:**	4
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



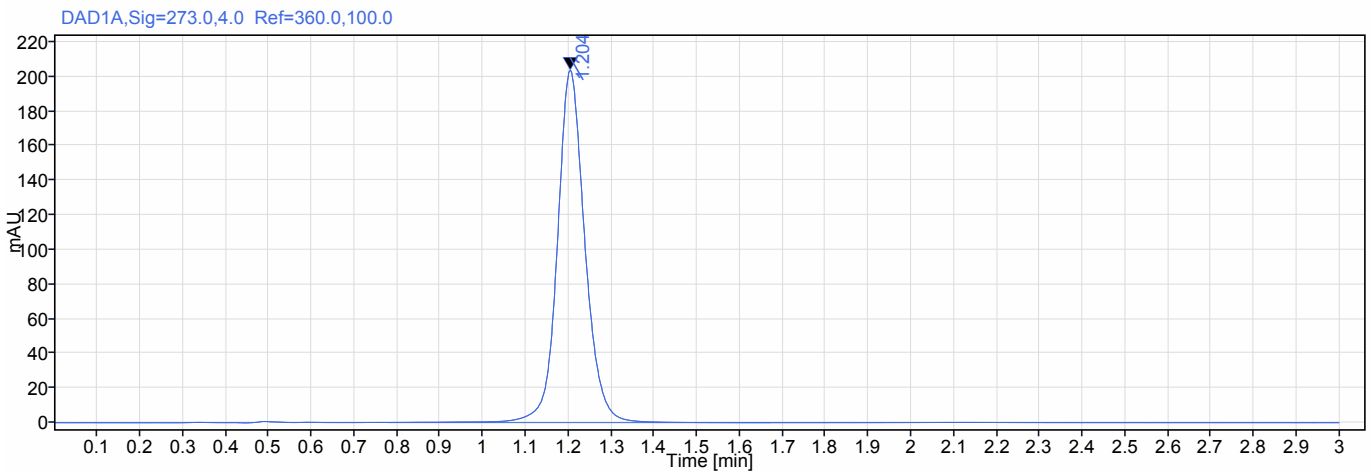
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.205	Cafeína	702.29	157.32
	Sum	702.29	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 23-23-29-02-00-05.dx		
Sequence Name:	LDUV2024-12-16 23-07-35-02-00	**Project Name:**	KEMIN
Sample name:	LDUV 5	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 23:24:25-02:00
Inj. volume:	10.0	**Location:**	5
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



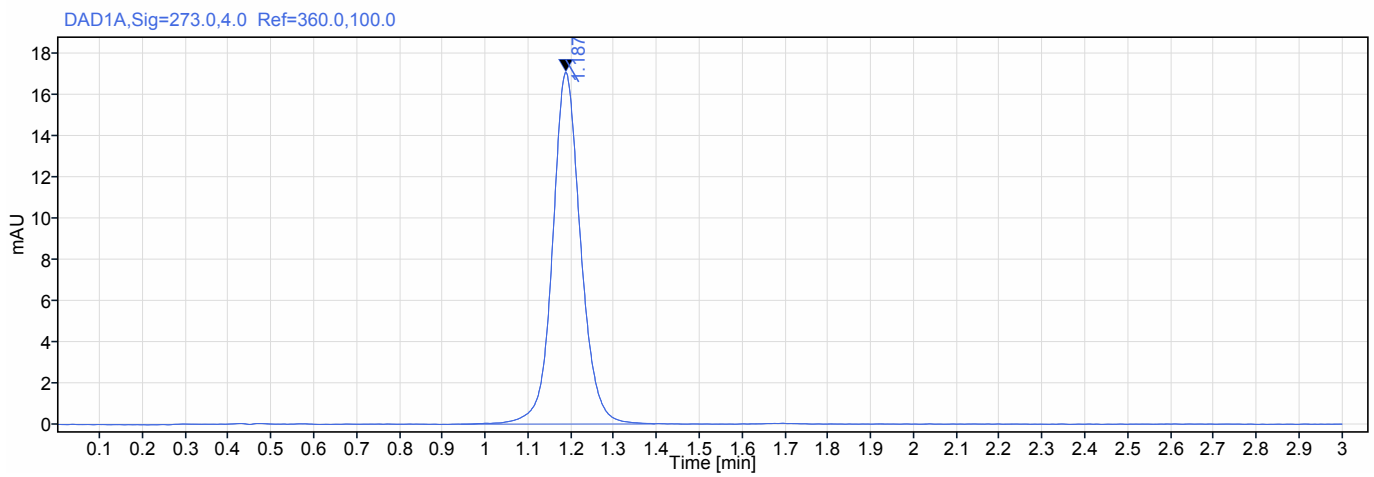
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.204	Cafeína	912.86	203.71
	Sum	912.86	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 11-58-08-02-00-01.dx		
Sequence Name:	LIIN2024-12-16 11-57-58-02-00	**Project Name:**	KEMIN
Sample name:	LIIN 1	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 11:58:58-02:00
Inj. volume:	1.0	**Location:**	1
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



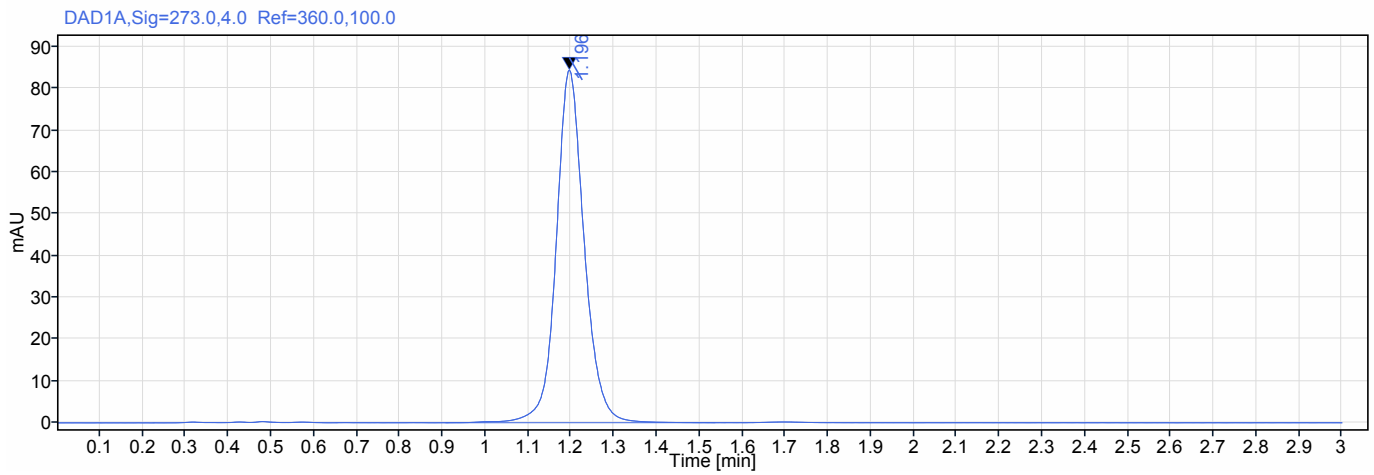
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.187	Cafeína	77.92	17.07
	Sum	77.92	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 12-02-01-02-00-02.dx		
Sequence Name:	LIIN2024-12-16 11-57-58-02-00	**Project Name:**	KEMIN
Sample name:	LIIN 2	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 12:02:54-02:00
Inj. volume:	5.0	**Location:**	1
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



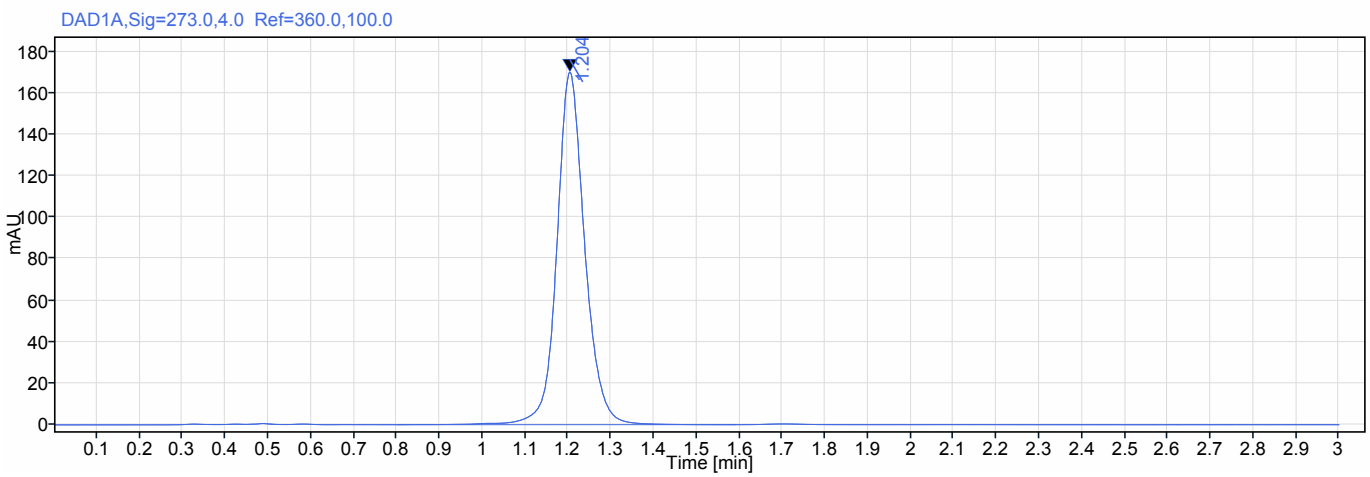
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.196	Cafeína	384.24	84.45
	Sum	384.24	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 12-05-57-02-00-03.dx		
Sequence Name:	LIIN2024-12-16 11-57-58-02-00	**Project Name:**	KEMIN
Sample name:	LIIN 3	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 12:06:51-02:00
Inj. volume:	10.0	**Location:**	1
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



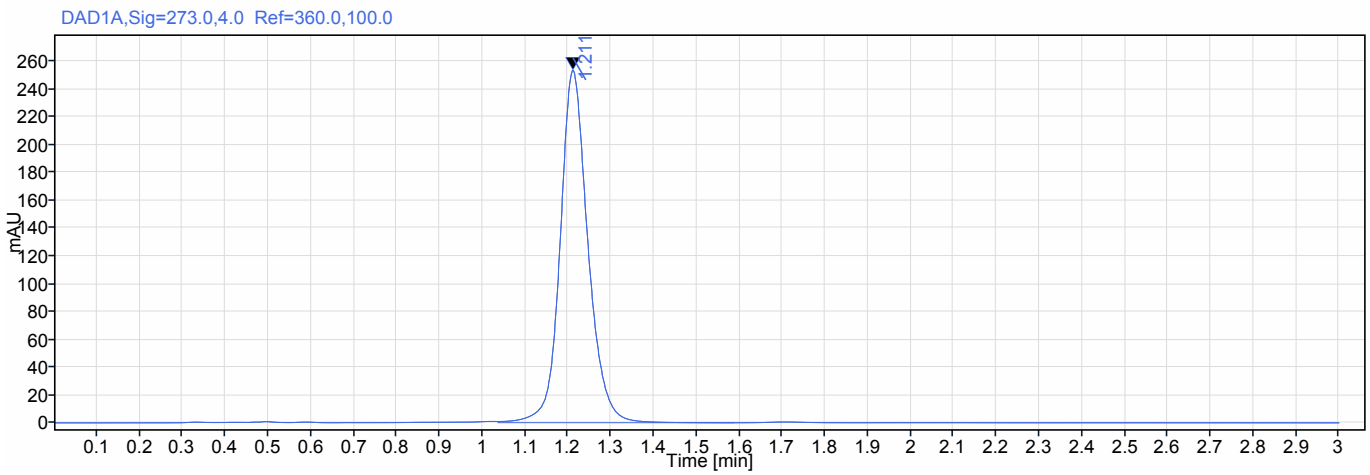
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.204	Cafeína	769.81	170.08
	Sum	769.81	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 12-09-54-02-00-04.dx		
Sequence Name:	LIIN2024-12-16 11-57-58-02-00	**Project Name:**	KEMIN
Sample name:	LIIN 4	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 12:10:52-02:00
Inj. volume:	15.0	**Location:**	1
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



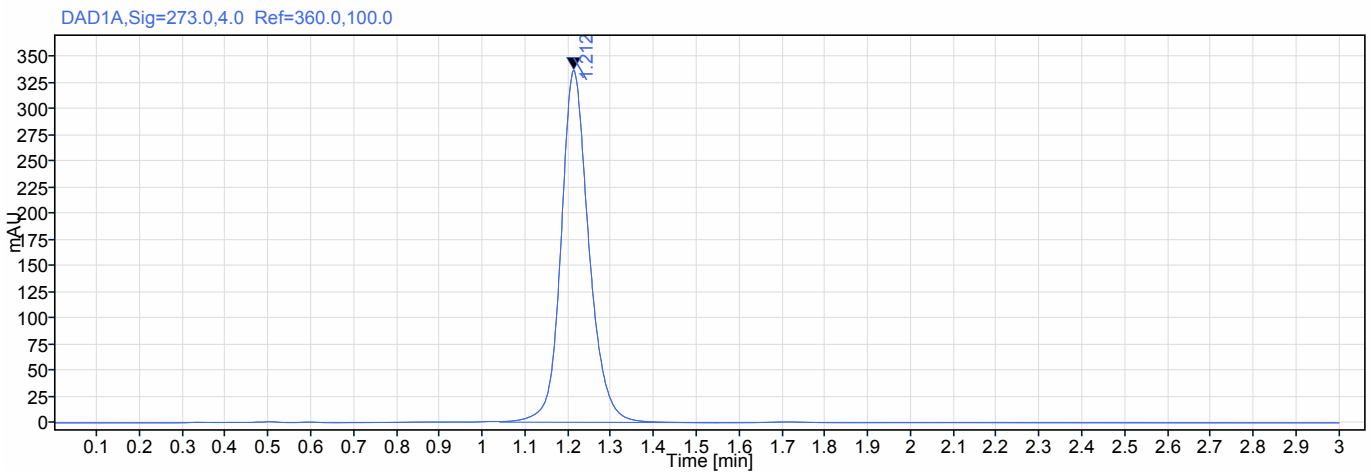
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.211	Cafeína	1146.53	253.88
	Sum	1146.53	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 12-13-56-02-00-05.dx		
Sequence Name:	LIIN2024-12-16 11-57-58-02-00	**Project Name:**	KEMIN
Sample name:	LIIN 5	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 12:14:58-02:00
Inj. volume:	20.0	**Location:**	1
Acq. method:	Qualificação.amx	**Type:**	Sample
Processing method:	Qualificação.pmx	**Sample amount:**	0.00
Manually modified:	None		



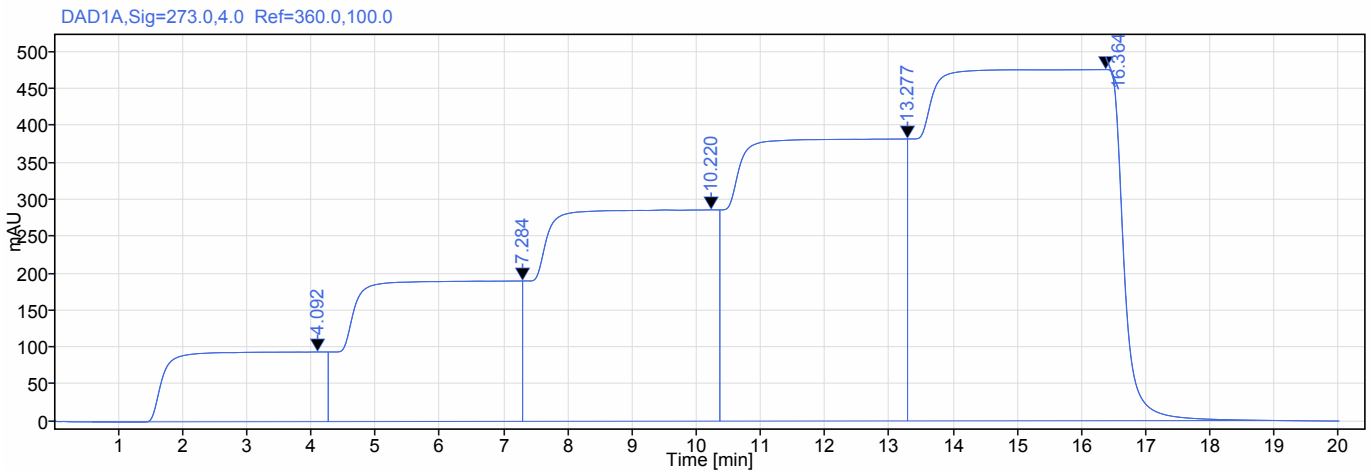
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
1.212	Cafeína	1520.89	336.32
	Sum	1520.89	

Single Injection Report

Agilent Technologies

Data file:	Grad AB002.dx		
Sequence Name:	SingleSample	**Project Name:**	KEMIN
Sample name:	Grad AB	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 12:58:12-02:00
Inj. volume:	1.0	**Location:**	01
Acq. method:	Grad AB.amx	**Type:**	Sample
Processing method:	*3D UV Quantitative_DefaultMethod.pmx	**Sample amount:**	0.00
Manually modified:	Manual Integration		



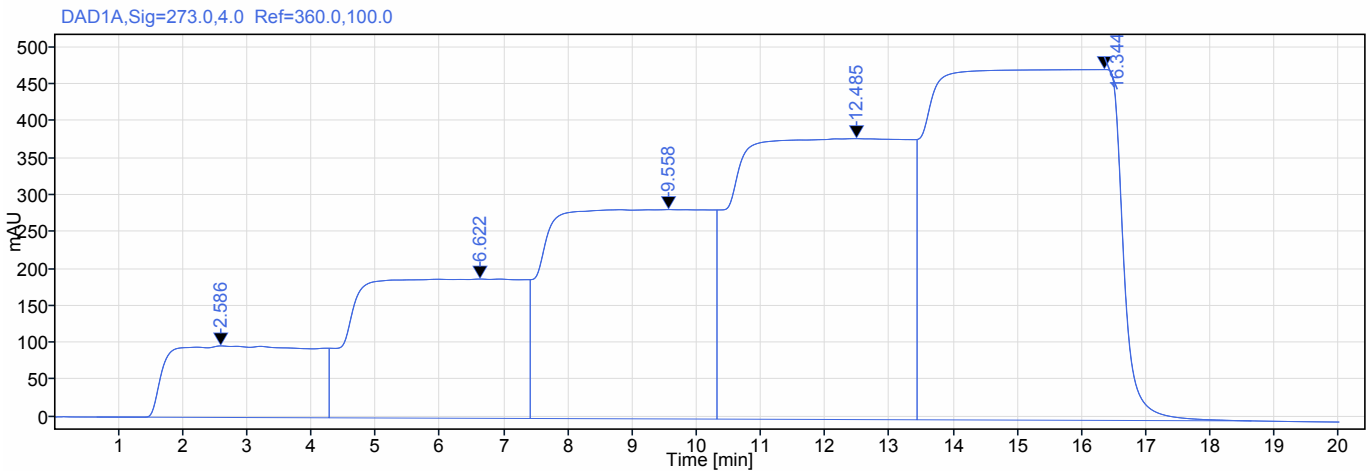
Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
4.092	20%	14555.10	94.32
7.284	40%	32086.76	190.09
10.220	60%	50424.81	286.04
13.277	80%	65073.52	381.72
16.364	100%	94669.37	475.29
	Sum	256809.55	

Single Injection Report

Agilent Technologies

Data file:	Grad CD002.dx		
Sequence Name:	SingleSample	**Project Name:**	KEMIN
Sample name:	Grad CD	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD	**Injection date:**	2024-12-16 13:47:07-02:00
Inj. volume:	1.0	**Location:**	01
Acq. method:	Grad CD.amx	**Type:**	Sample
Processing method:	*3D UV Quantitative_DefaultMethod.pmx	**Sample amount:**	0.00
Manually modified:	Manual Integration		



Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
2.586	20%	14972.69	96.77
6.622	40%	33100.53	188.41
9.558	60%	47819.54	283.26
12.485	80%	68791.22	380.06
16.344	100%	90855.65	474.61
	Sum	255539.62	

Lab Advisor Diagnostic Result LC

G7121A Wavelength Accuracy Test Passed

DEAE302327
D.07.39[0003]
1260 FLD

The test uses the Raman band of water to determine the excitation and emission wavelength accuracy.

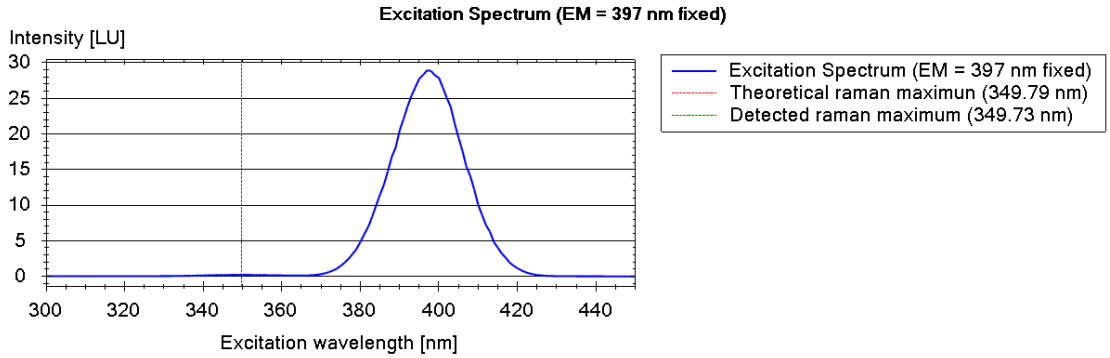
Started at 12/16/2024 2:16:16 PM by KEMINCG\KEMIN on KEMINCG using Agilent Lab Advisor - Version 2.19.494 - Basic

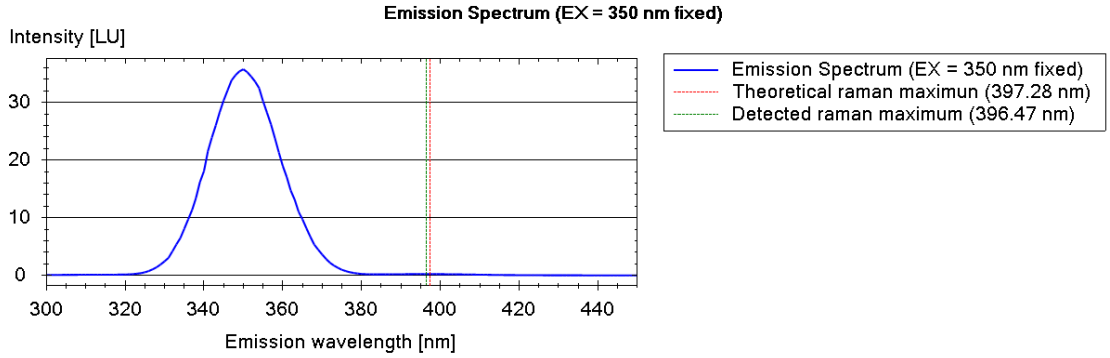
Results

Item	Value	Result
Excitation expected raman wavelength	349.786	Done
Excitation raman wavelength deviation	-0.06	Passed
Emission expected raman wavelength	397.276	Done
Emission raman wavelength deviation	-0.81	Passed

Finished at 12/16/2024 2:18:30 PM

Signals





Limits

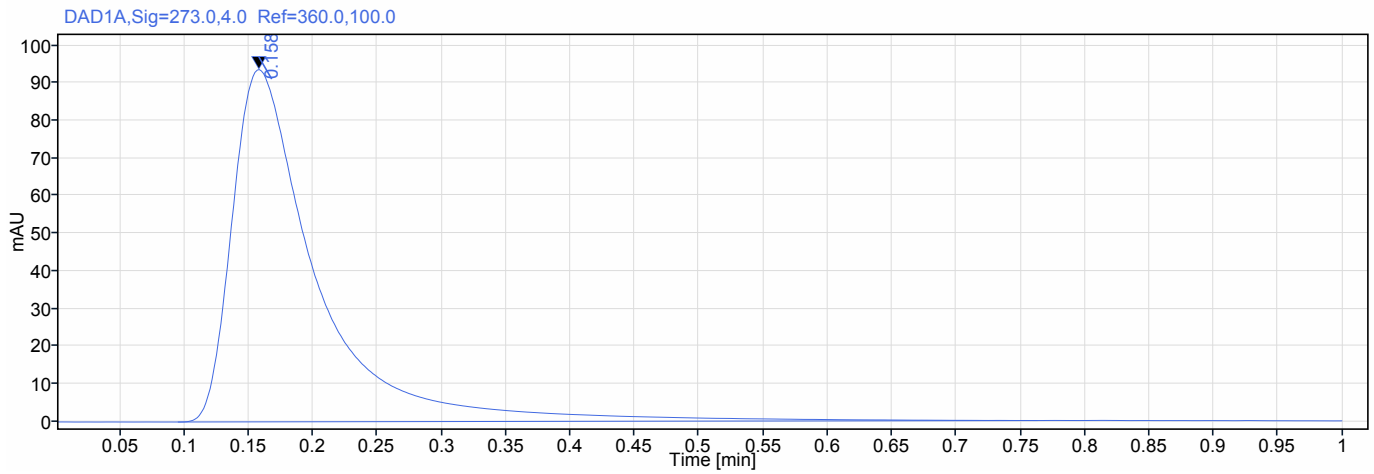
Name	Limit
Raman WL limit in excitation spectrum	-3 ... 3 nm
Raman WL limit in emission spectrum	-3 ... 3 nm

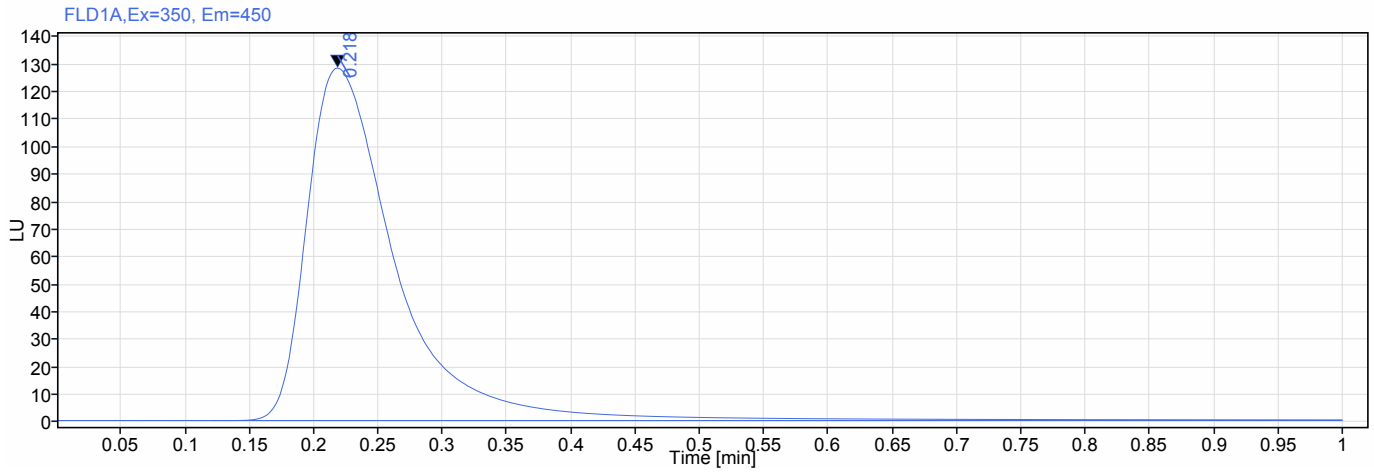
Signature: .....

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 14-36-01-02-00-01.dx		
Sequence Name:	Rep. FL20241216 143552	**Project Name:**	KEMIN
Sample name:	Rep. 1	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD + FLD	**Injection date:**	2024-12-16 14:36:54-02:00
Inj. volume:	10.0	**Location:**	1
Acq. method:	Qualificação FL.amx	**Type:**	Sample
Processing method:	3D UV Quantitative_DefaultMethod.pmx	**Sample amount:**	0.00
Manually modified:	None		





Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
0.158		429.95	93.68
	Sum	429.95	

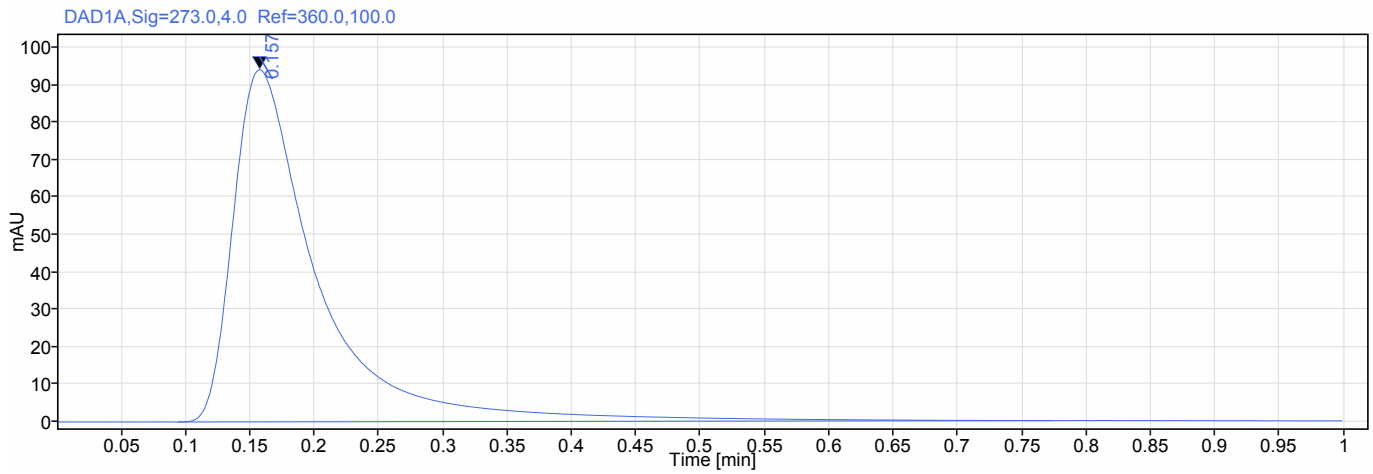
Signal: FLD1A,Ex=350, Em=450

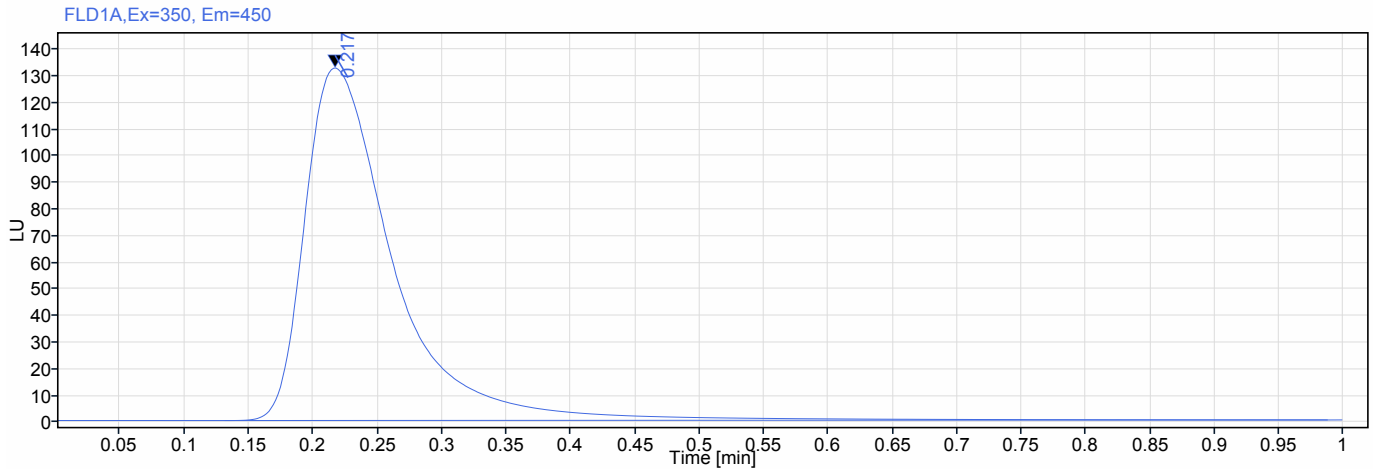
RT [min]	Name	Area	Height
0.218	PD FL	621.58	128.06
	Sum	621.58	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 14-37-57-02-00-02.dx		
Sequence Name:	Rep. FL20241216 143552	**Project Name:**	KEMIN
Sample name:	Rep. 2	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD + FLD	**Injection date:**	2024-12-16 14:38:50-02:00
Inj. volume:	10.0	**Location:**	1
Acq. method:	Qualificação FL.amx	**Type:**	Sample
Processing method:	3D UV Quantitative_DefaultMethod.pmx	**Sample amount:**	0.00
Manually modified:	None		





Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
0.157		433.62	94.52
	Sum	433.62	

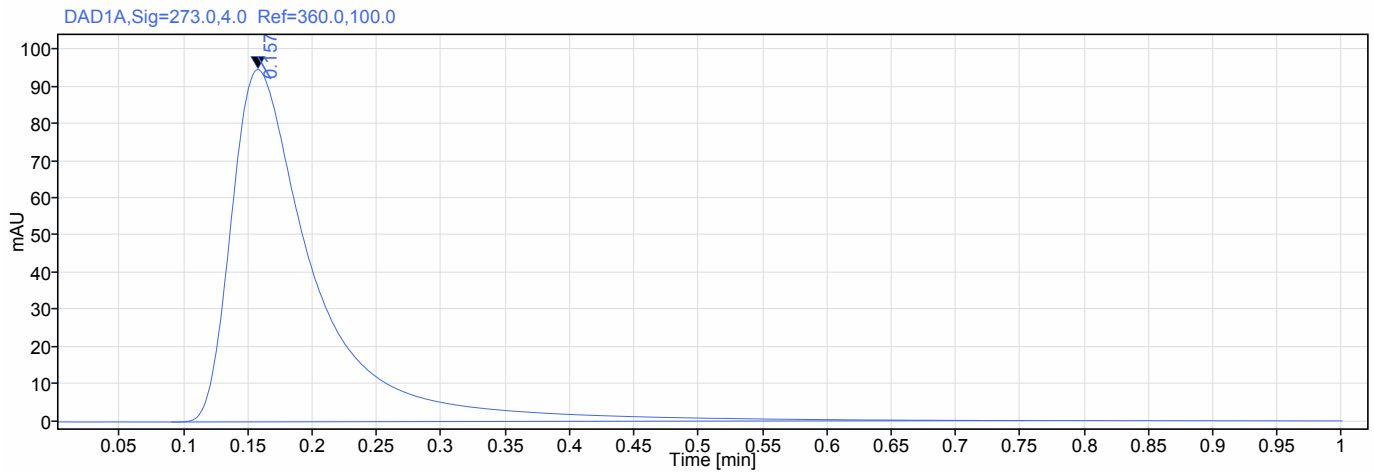
Signal: FLD1A,Ex=350, Em=450

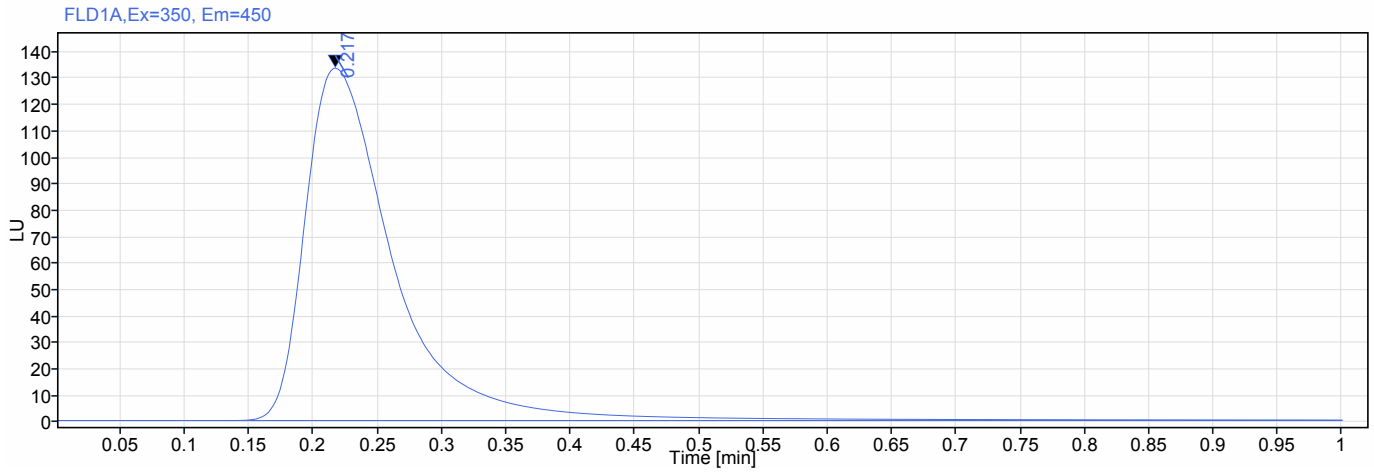
RT [min]	Name	Area	Height
0.217	PD FL	633.90	132.32
	Sum	633.90	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 14-39-52-02-00-03.dx		
Sequence Name:	Rep. FL20241216 143552	**Project Name:**	KEMIN
Sample name:	Rep. 3	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD + FLD	**Injection date:**	2024-12-16 14:40:42-02:00
Inj. volume:	10.0	**Location:**	1
Acq. method:	Qualificação FL.amx	**Type:**	Sample
Processing method:	3D UV Quantitative_DefaultMethod.pmx	**Sample amount:**	0.00
Manually modified:	None		





Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
0.157		434.62	94.91
	Sum	434.62	

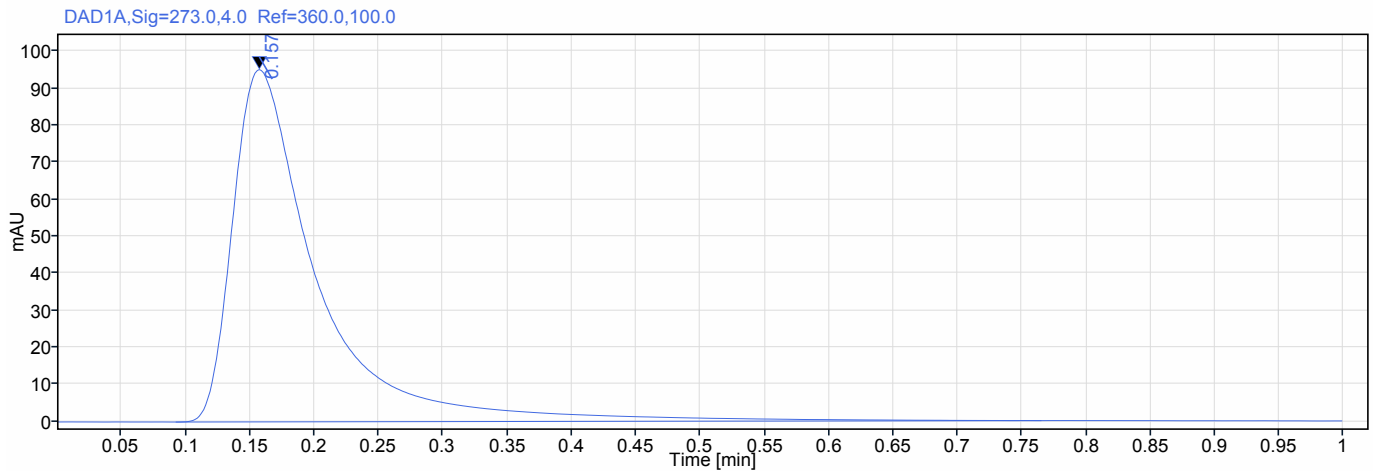
Signal: FLD1A,Ex=350, Em=450

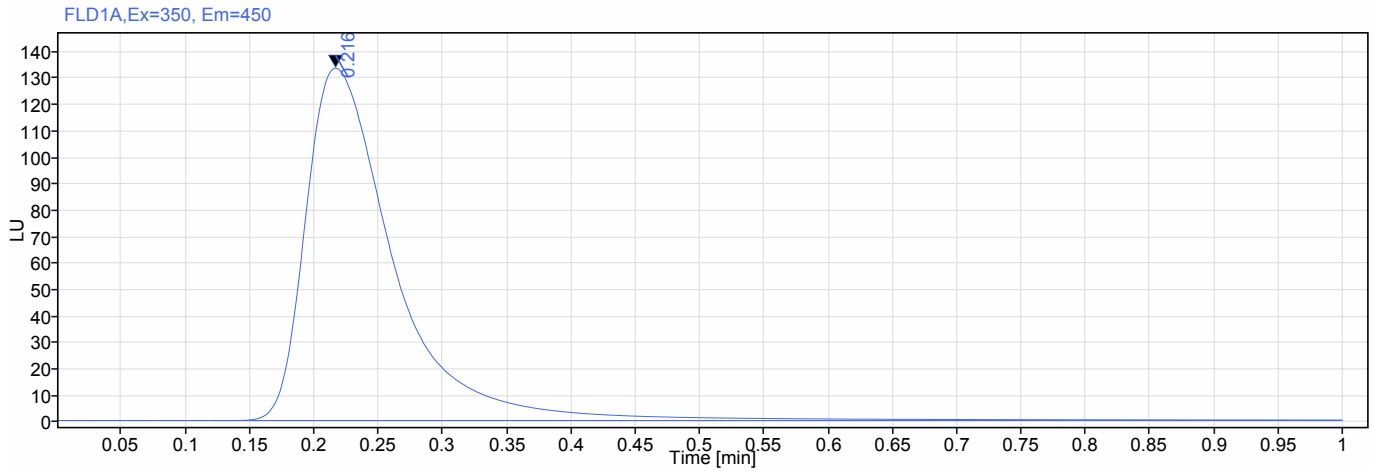
RT [min]	Name	Area	Height
0.217	PD FL	643.08	133.19
	Sum	643.08	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 14-41-46-02-00-04.dx		
Sequence Name:	Rep. FL20241216 143552	**Project Name:**	KEMIN
Sample name:	Rep. 4	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD + FLD	**Injection date:**	2024-12-16 14:42:40-02:00
Inj. volume:	10.0	**Location:**	1
Acq. method:	Qualificação FL.amx	**Type:**	Sample
Processing method:	3D UV Quantitative_DefaultMethod.pmx	**Sample amount:**	0.00
Manually modified:	None		





Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
0.157		436.12	95.29
	Sum	436.12	

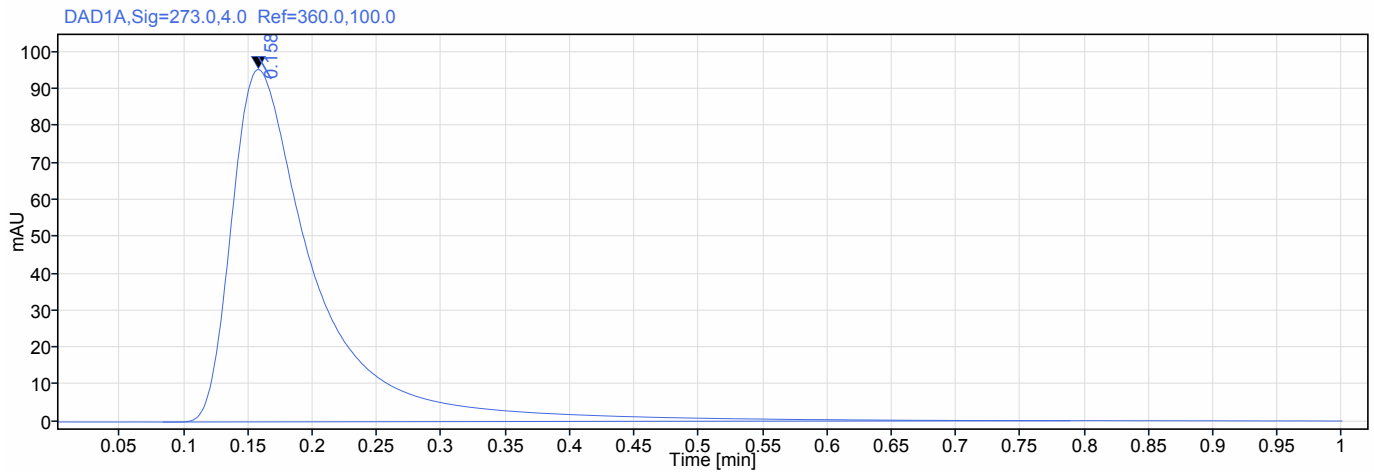
Signal: FLD1A,Ex=350, Em=450

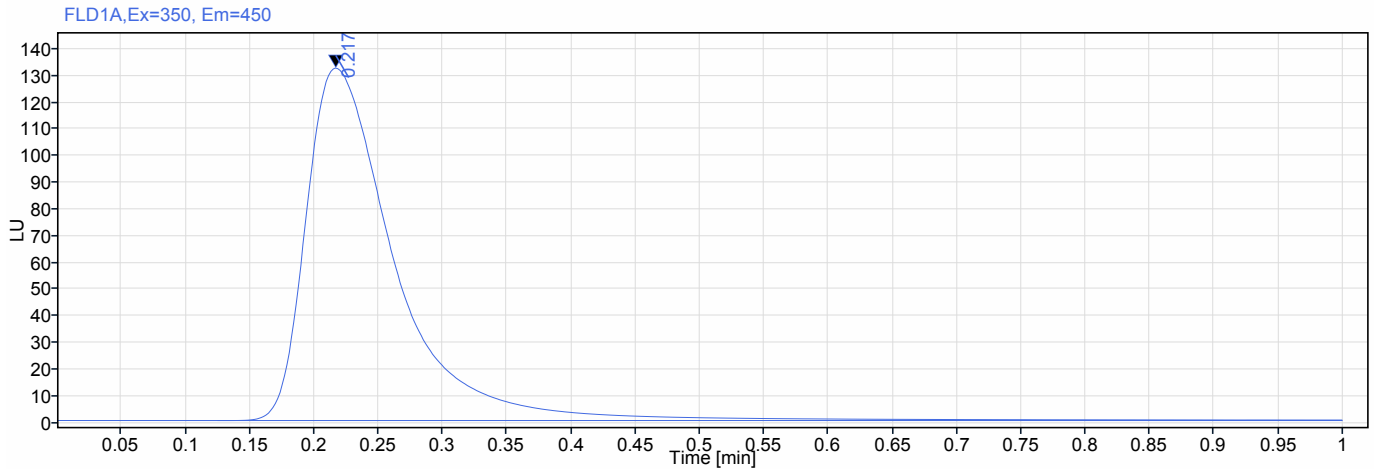
RT [min]	Name	Area	Height
0.216	PD FL	641.85	133.16
	Sum	641.85	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 14-43-42-02-00-05.dx		
Sequence Name:	Rep. FL20241216 143552	**Project Name:**	KEMIN
Sample name:	Rep. 5	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD + FLD	**Injection date:**	2024-12-16 14:44:34-02:00
Inj. volume:	10.0	**Location:**	1
Acq. method:	Qualificação FL.amx	**Type:**	Sample
Processing method:	3D UV Quantitative_DefaultMethod.pmx	**Sample amount:**	0.00
Manually modified:	None		





Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
0.158		438.03	95.49
	Sum	438.03	

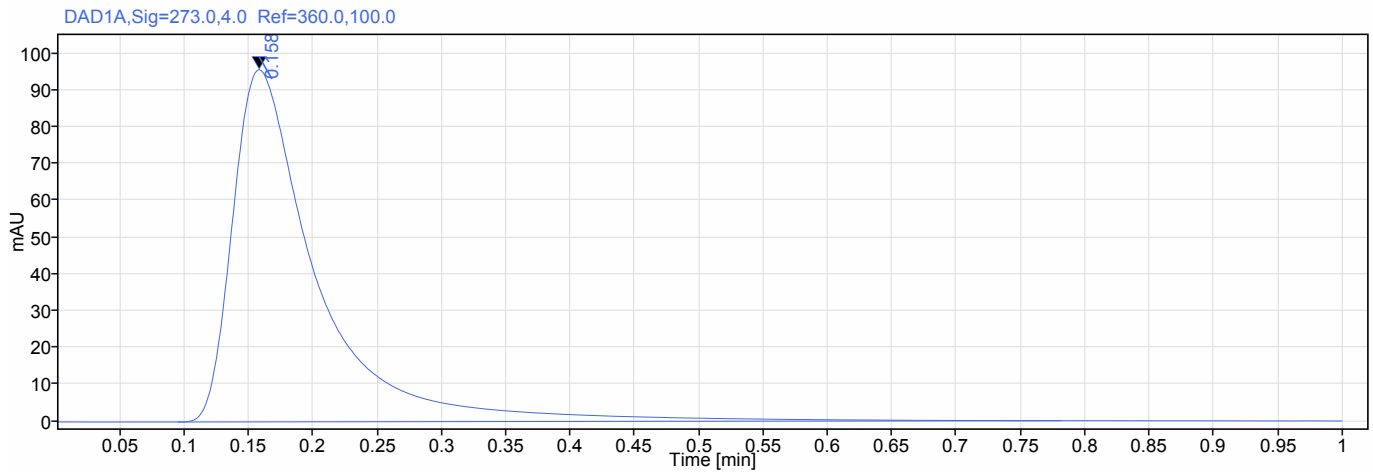
Signal: FLD1A,Ex=350, Em=450

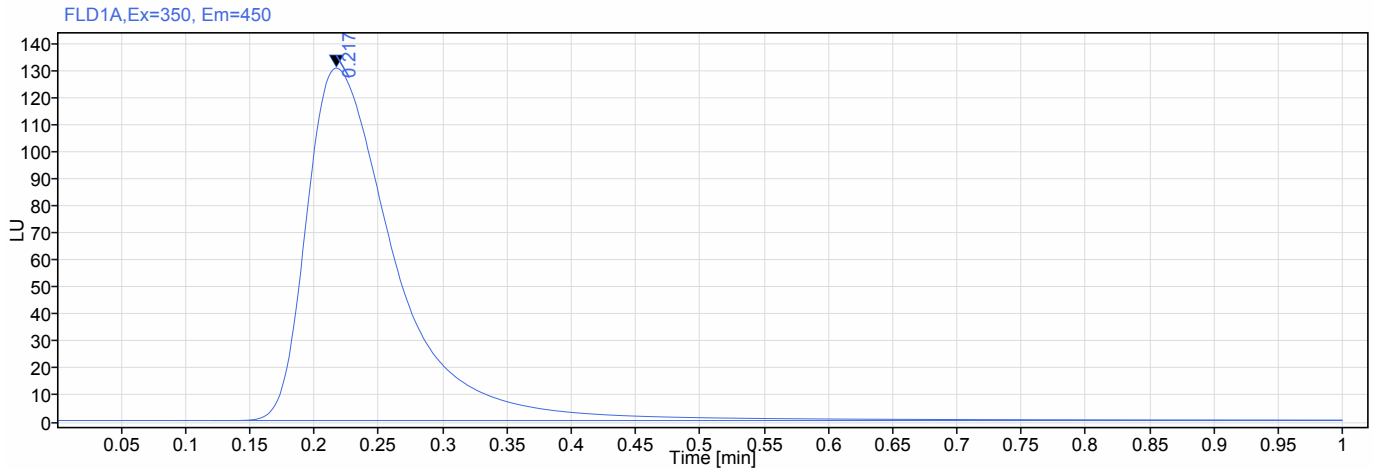
RT [min]	Name	Area	Height
0.217	PD FL	640.75	132.16
	Sum	640.75	

Single Injection Report

Agilent Technologies

Data file:	2024-12-16 14-45-38-02-00-06.dx		
Sequence Name:	Rep. FL20241216 143552	**Project Name:**	KEMIN
Sample name:	Rep. 6	**Operator:**	SYSTEM
Instrument:	LC 1260 DAD + FLD	**Injection date:**	2024-12-16 14:46:30-02:00
Inj. volume:	10.0	**Location:**	1
Acq. method:	Qualificação FL.amx	**Type:**	Sample
Processing method:	3D UV Quantitative_DefaultMethod.pmx	**Sample amount:**	0.00
Manually modified:	None		





Signal: DAD1A,Sig=273.0,4.0 Ref=360.0,100.0

RT [min]	Name	Area	Height
0.158		438.24	95.80
	Sum	438.24	

Signal: FLD1A,Ex=350, Em=450

RT [min]	Name	Area	Height
0.217	PD FL	633.56	130.34
	Sum	633.56	