

Analysis: MGW-2-R

Path: Home/YL Research

Based on method: Triplets Method

Created	01-Jul-2019 13:20:13	visionCATSuser
Modified	01-Jul-2019 15:14:54	visionCATSuser
Last HPTLC log	01-Jul-2019 15:14:54	Analysis modified
Explorer notes		

Track	Vial ID	Description	Volume	Position	Type
1	MeOH blank	200ng	2.0 µl	A1	Sample
2	Mixture 100	200ng	2.0 µl	A2	Sample
3	9-THC 100	200ng	2.0 µl	A3	Reference
4	CBD 100	200ng	2.0 µl	A4	Reference
5	CBN 100	200ng	2.0 µl	A5	Reference
6	CBG 100	200ng	2.0 µl	A6	Reference
7	CBC 100	200ng	2.0 µl	A7	Reference
8	THCV 100	200ng	2.0 µl	A8	Reference
9	CBDV 100	200ng	2.0 µl	A9	Reference
10	8-THC 100	200ng	2.0 µl	A10	Reference
11	THCA-A 100	200ng	2.0 µl	A11	Reference
12	CBDA 100	200ng	2.0 µl	B1	Reference
13	CBGA 100	200ng	2.0 µl	B2	Reference

Sequence table notes

A track marked with ⚠ means: the application type is overridden in some evaluation(s).

System setup:

Software	Server User-PC, version 2.5.18072.1
ATS4	S/N:080713
Chamber	N/A
Derivatization dip	N/A
Scanner3	S/N:031025
Visualizer	S/N:230515

Chromatography

Plate layout:

Stationary phase	Merck, HPTLC plates RP-18 F 254s
Plate format	100.0 x 100.0 mm
Application type	Spot
Application	Position Y: 8.0 mm, length: 0.0 mm, width: 0.0 mm
Track	First position X: 20.0 mm, distance: 5.0 mm
Solvent front position	70.0 mm
Notes	

Take image clean plate 1a - Visualizer (S/N: 230515):

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Quality	Enhanced
RT White	auto capture, Auto, level 85 %, Band
R 254	auto capture, Auto, level 85 %, Band
Instrument diagnostics	Valid diagnostics
Documentation step label	
Notes	

Application 1 - ATS 4 (S/N: 080713):

Spray gas	NI
Sample solvent type	Methanol
Filling speed	15 µl/s
Predosage volume	200 nl
Retraction volume	200 nl
Dosage speed	150 nl/s
Filling quality	User
Rinsing cycles / vacuum	1 / 4 s
Filling cycles / vacuum	1 / 4 s
Rinsing solvent name	Methanol
Nozzle temperature	Unheated
Rack in use	Standard
Instrument diagnostics	Valid diagnostics
Notes	

Development 1 - Chamber:

Tank	TTC 20x10
Mobile phase	Methanol, 0.1% acetic acid in water (75:25)
Saturation time	20 min
Use saturation pad	true
Use smartALERT	true
Volume front through	10 ml
Volume rear through	25 ml
Drying time	5 min
Drying temperature	Room temperature
Notes	

Take image developed plate 1a - Visualizer (S/N: 230515):

Quality	Enhanced
RT White	auto capture, Auto, level 85 %, Band
R 254	auto capture, Auto, level 85 %, Band
R 366	auto capture, Auto, level 85 %, Band
Instrument diagnostics	Valid diagnostics
Documentation step label	
Notes	

Scan developed plate 1b - Scanner 3 (S/N: 031025):

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Scanner type	Single λ
Optimization for	Resolution
Measurement mode	Absorption
Filter	n/a
Detector mode	Automatic
Scanning speed	20 mm/s
Data resolution	100 μ m/step
Slit	5 x 0.2 mm, micro
Partial scan	No
Lamp	Deuterium & Tungsten
Wavelength(s)	254 nm
Instrument diagnostics	Valid diagnostics
Documentation step label	
Notes	

Derivatization 1 - dip:

Reagent name	Fast Blue B salt
Dipping speed	3
Dipping time	5 s
Reagent preparation	1g Fast Blue B salt in 200mL water
Heating	none
Notes	Air dry for 5 minutes

Take image derivatized plate 1a - Visualizer (S/N: 230515):

Quality	Enhanced
RT White	auto capture, Auto, level 85 %, Band
R 366	auto capture, Auto, level 85 %, Band
Instrument diagnostics	Valid diagnostics
Documentation step label	
Notes	

System suitability tests:

SST settings:

SST tracks	
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Data acquisition

Application 1 - ATS 4 (S/N: 080713):

Executed	01-Jul-2019 13:24:49 visionCATSuser
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Development 1 - Chamber:

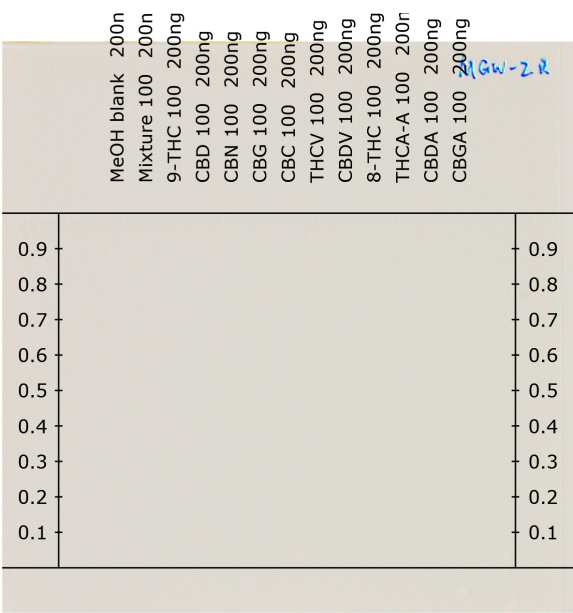
Executed	01-Jul-2019 14:58:47 visionCATSuser
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Take image developed plate 1a - Visualizer (S/N: 230515):

Executed	01-Jul-2019 14:59:32 visionCATSuser
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MGW-2-R
RT White

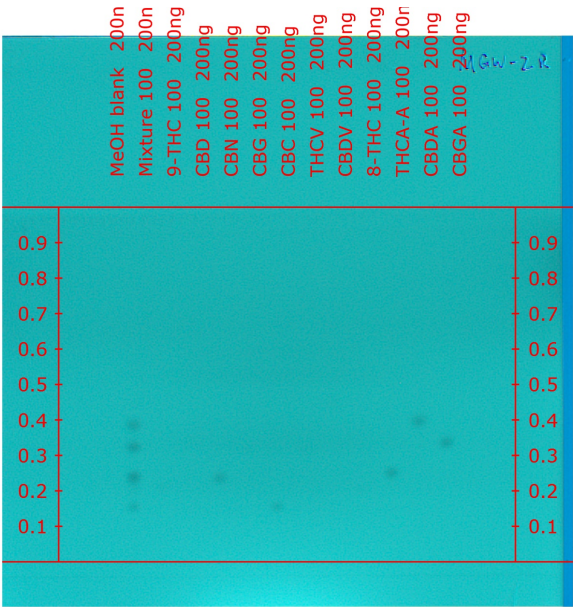
visionCATS
Developed, RemTransVis



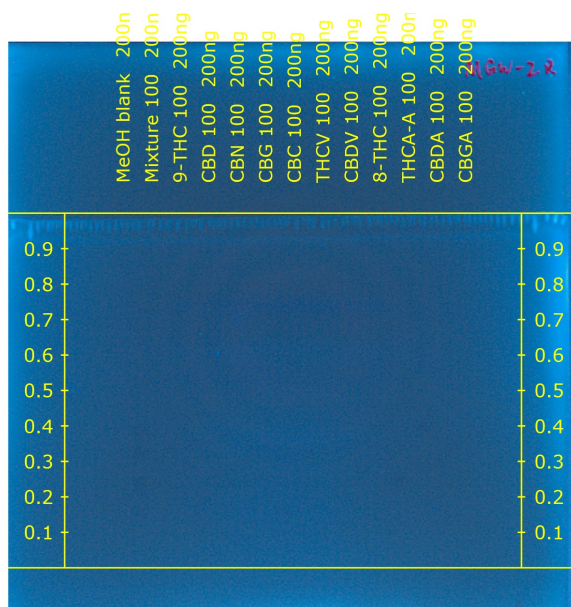
Exposure	0.051 s
Contrast	1
Normalized exposure	Disabled
Clarify	Disabled
White balance	1.00, 1.00, 1.00

R 254

Developed, Remission254



Exposure	0.220 s
Contrast	1
Normalized exposure	Disabled
Clarify	Disabled
White balance	1.00, 1.00, 1.00



Exposure	7.105 s
Contrast	1
Normalized exposure	Disabled
Clarify	Disabled
White balance	1.00, 1.00, 1.00

Scan developed plate 1b - Scanner 3 (S/N: 031025):

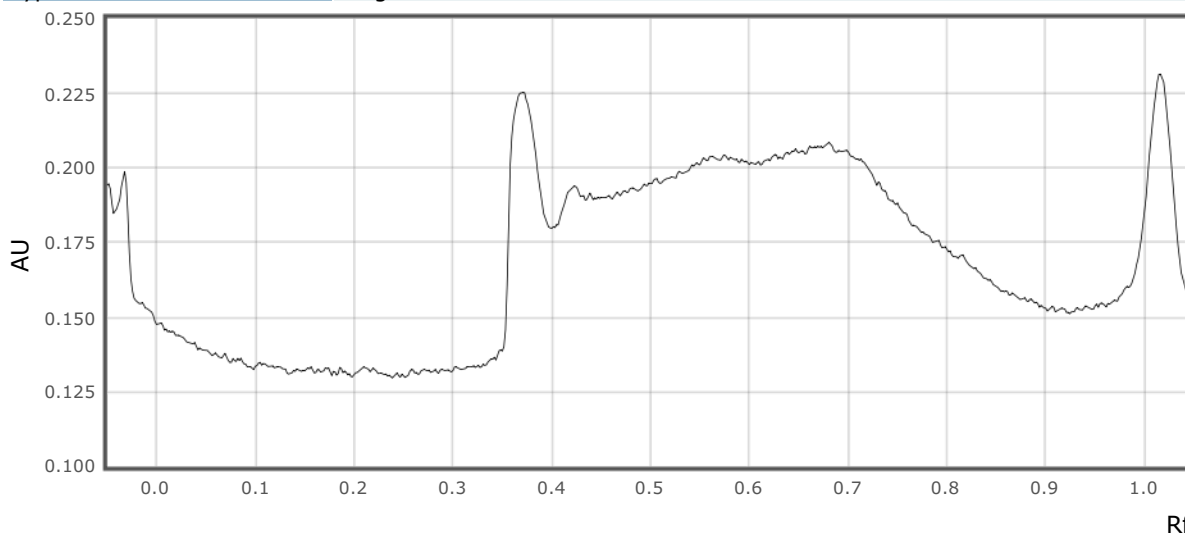
Executed	01-Jul-2019 15:01:01 visionCATSuser
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Scan:

Wavelength	254 nm
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Track 1:

Type	Single λ
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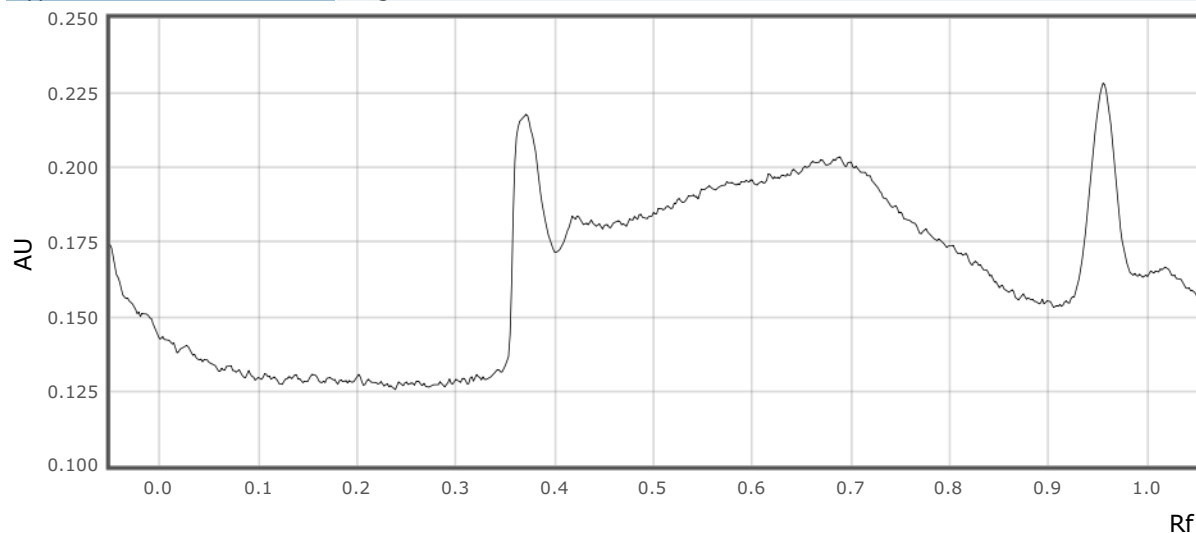


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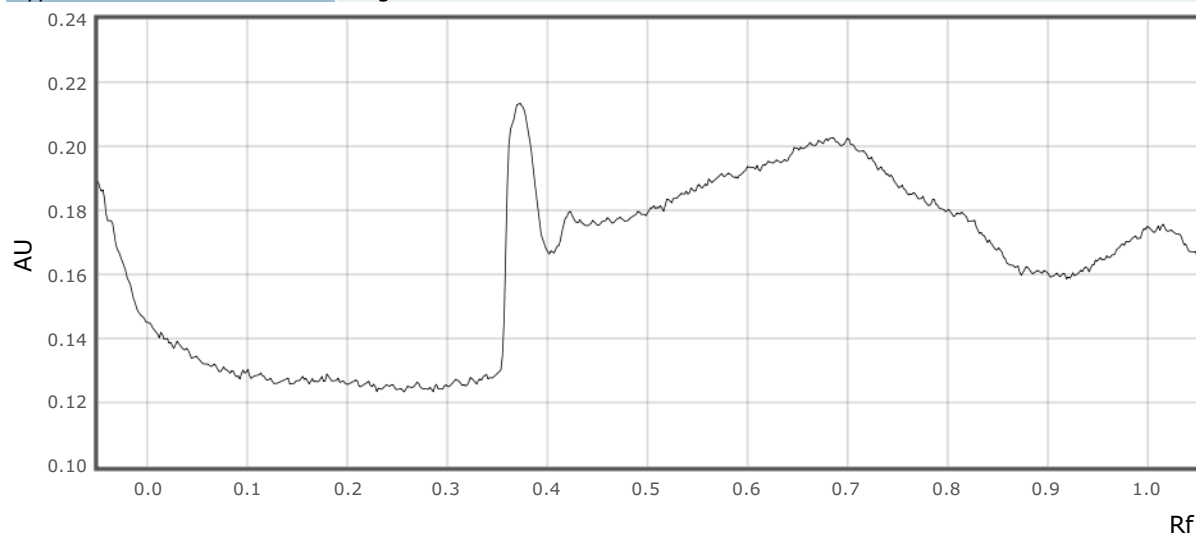
Track 2:

Type Single λ



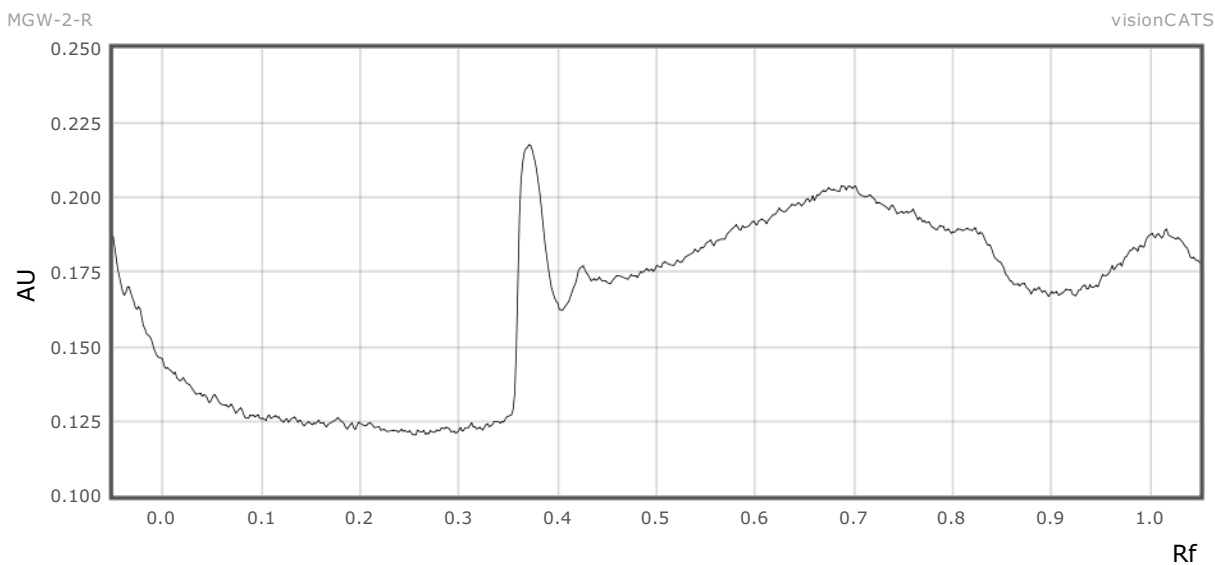
Track 3:

Type Single λ



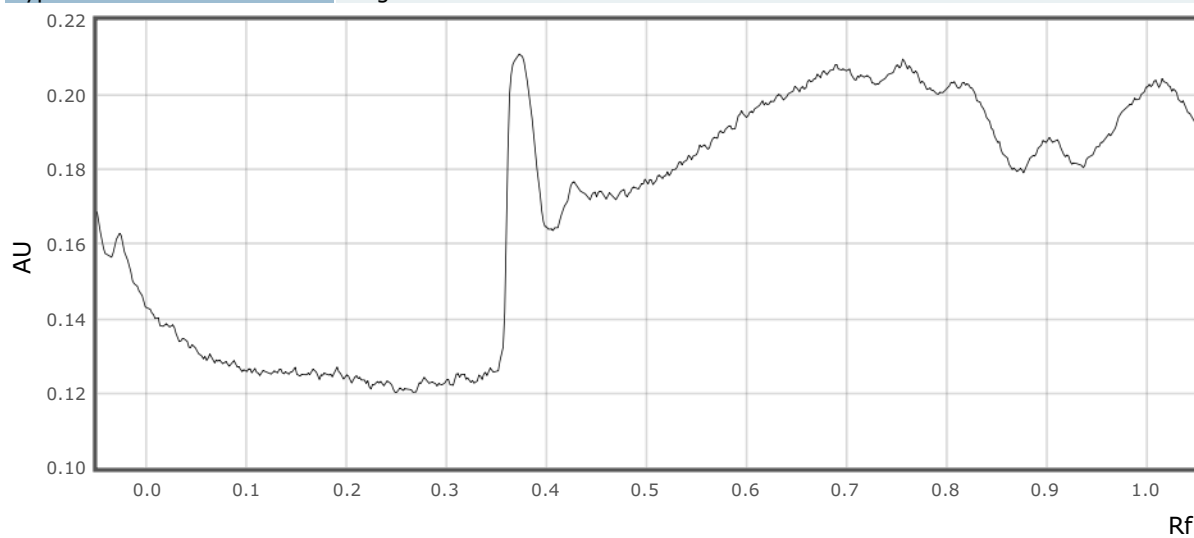
Track 4:

Type Single λ



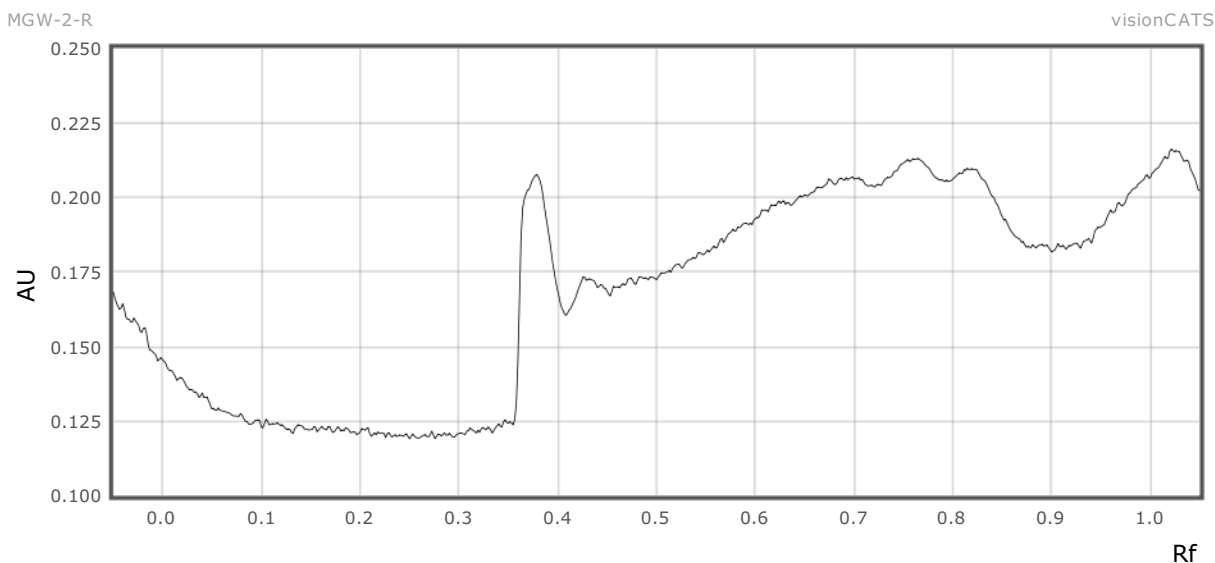
Track 5:

Type Single λ



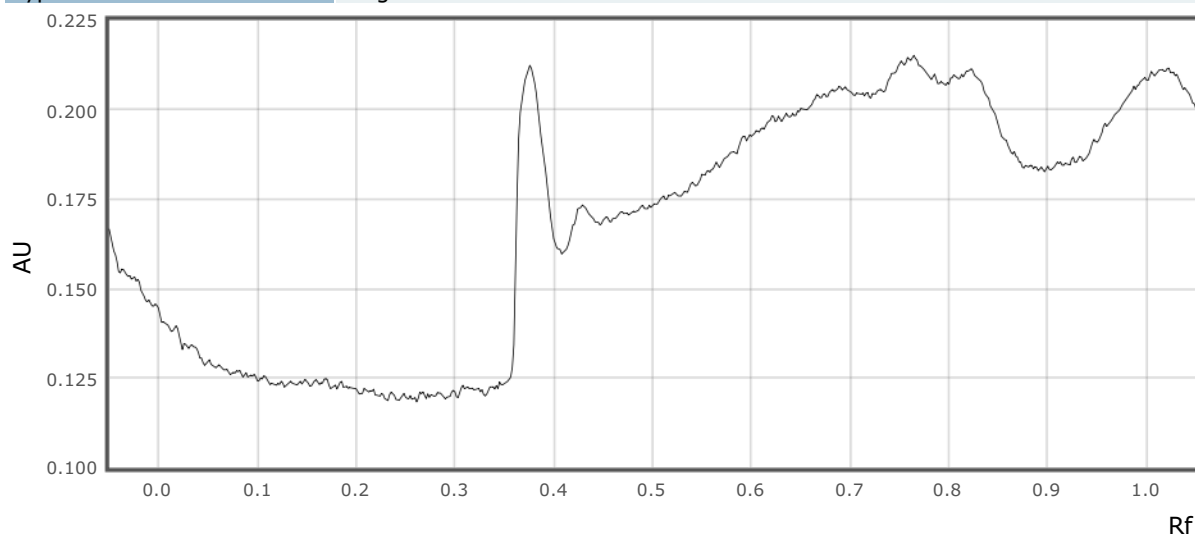
Track 6:

Type Single λ



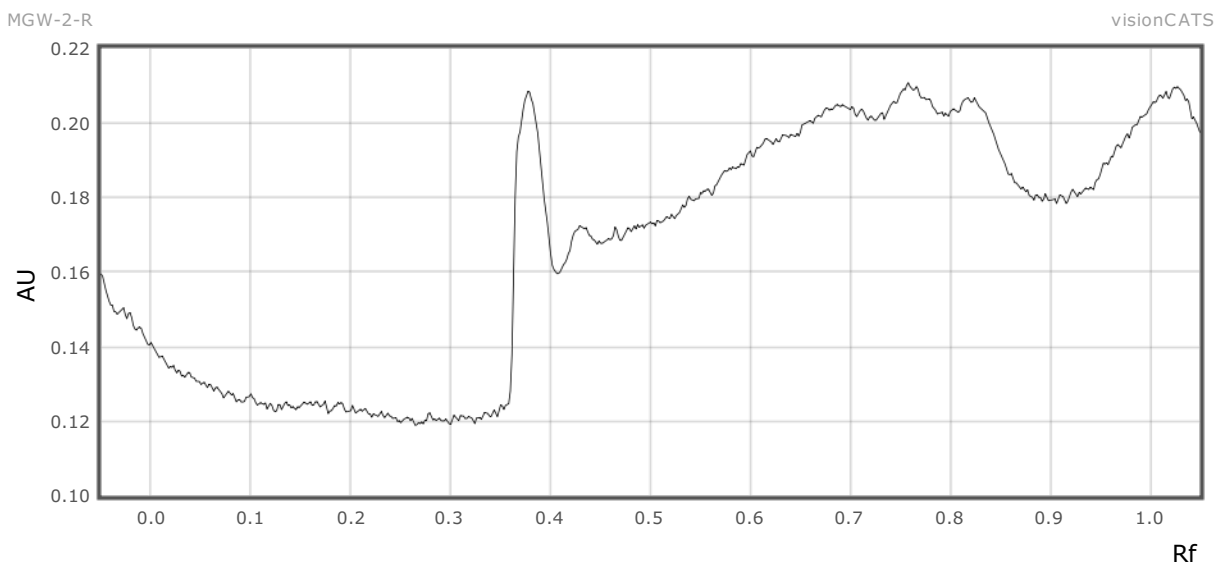
Track 7:

Type Single λ



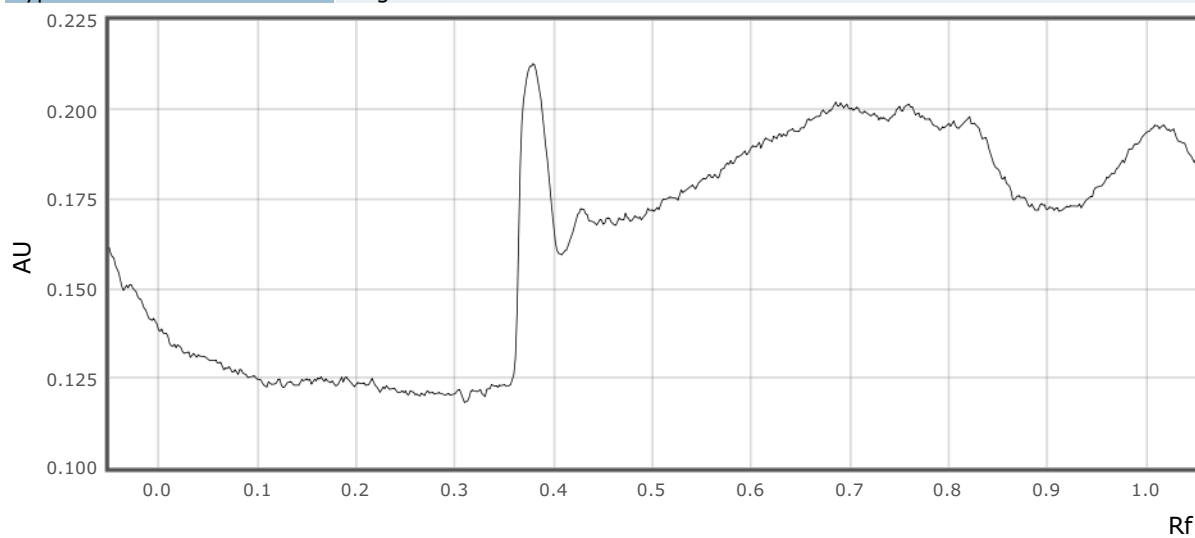
Track 8:

Type Single λ



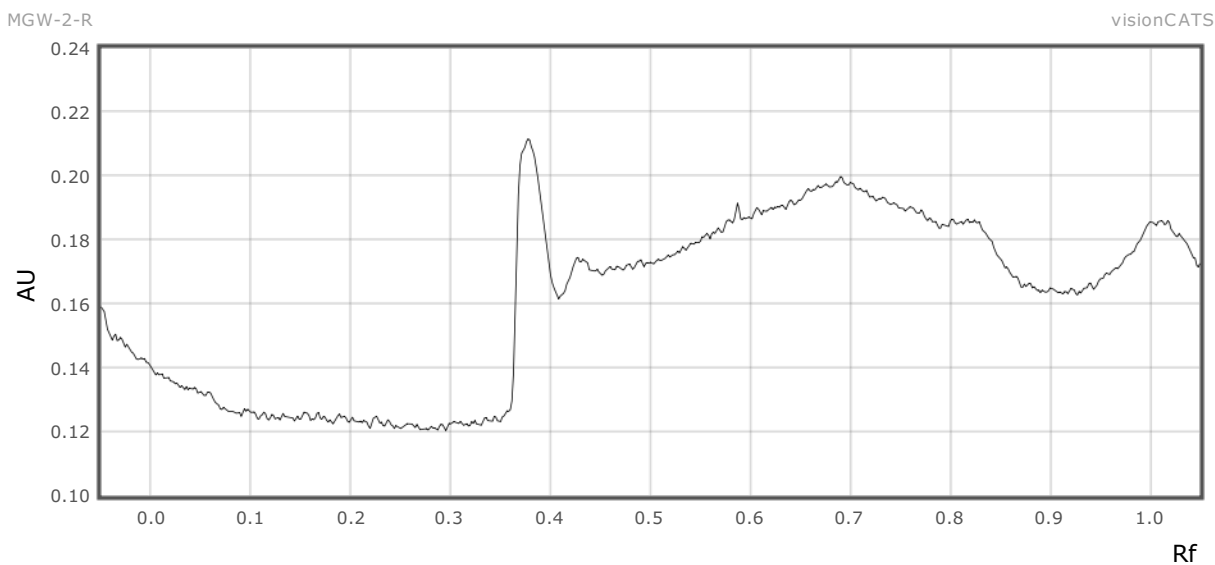
Track 9:

Type Single λ



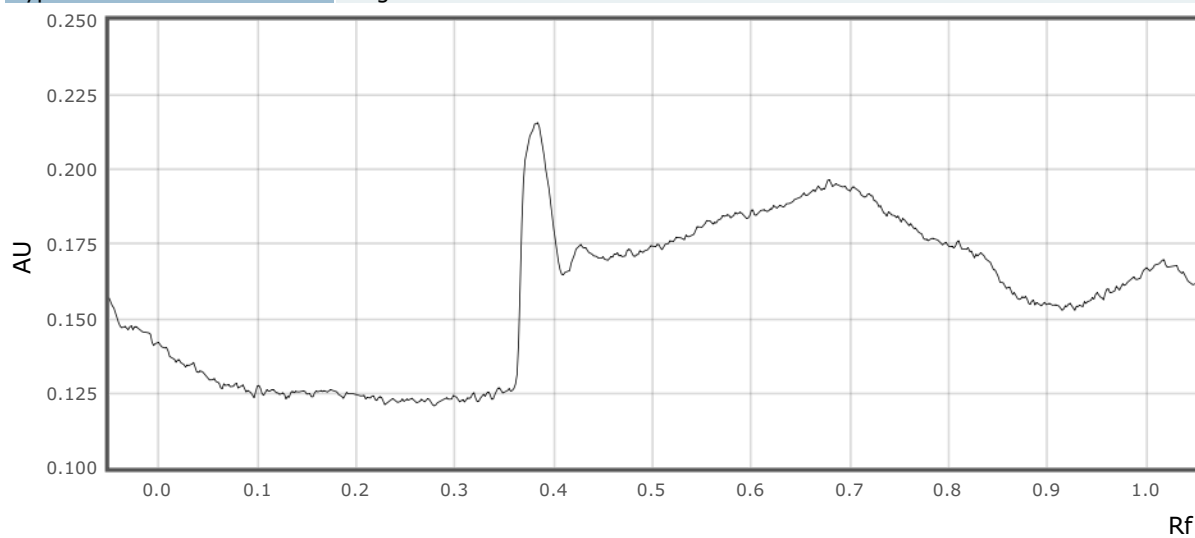
Track 10:

Type Single λ



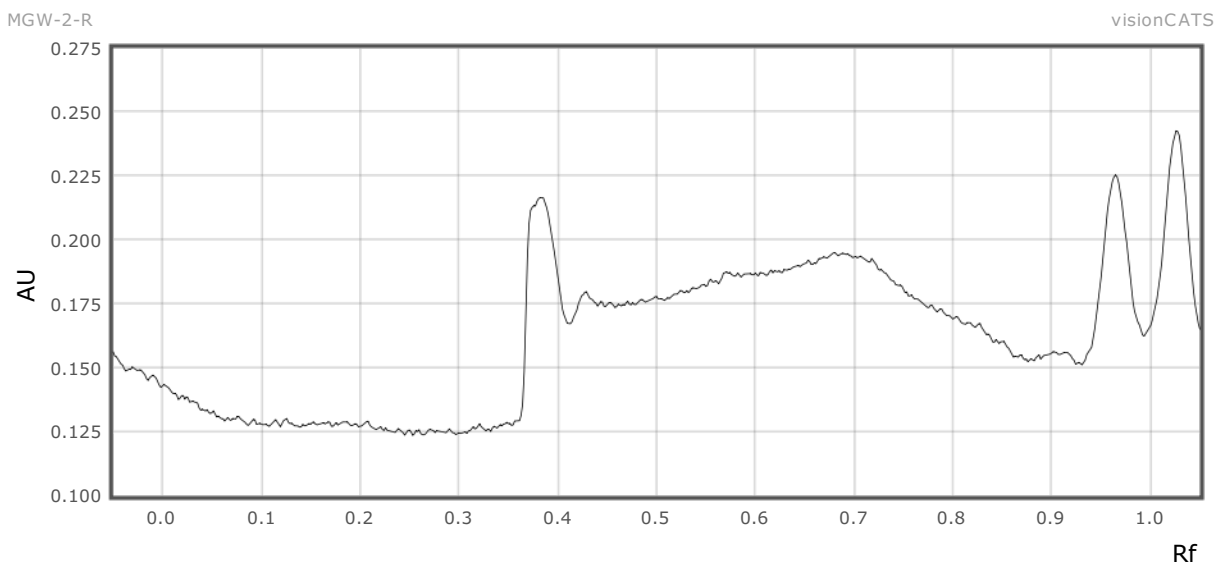
Track 11:

Type Single λ



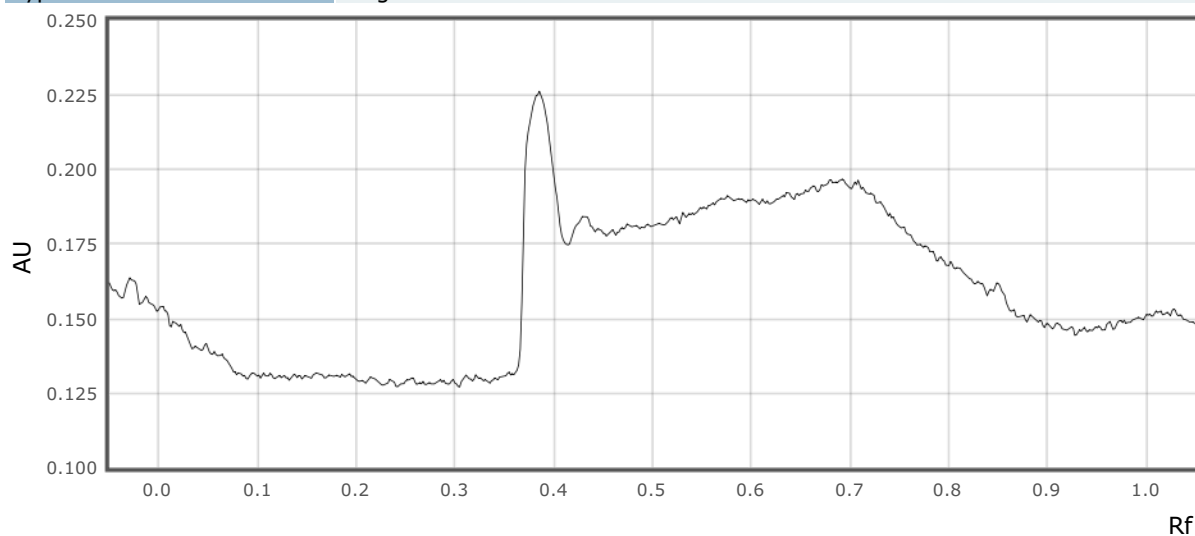
Track 12:

Type Single λ



Track 13:

Type Single λ



Derivatization 1 - dip:

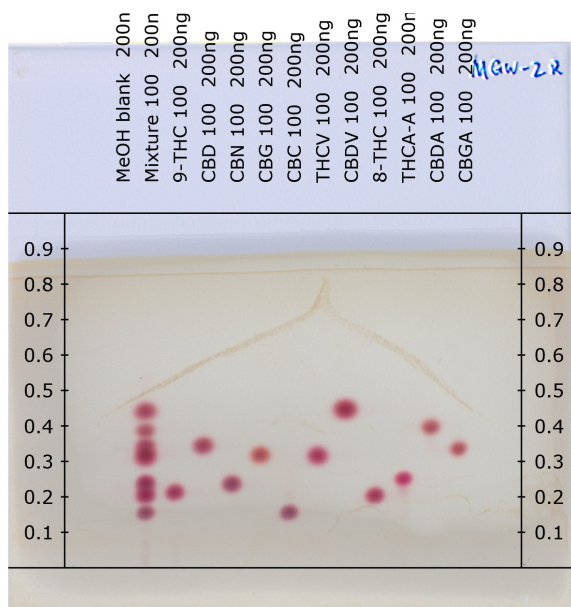
Executed 01-Jul-2019 15:05:20 visionCATSuser

Take image derivatized plate 1a - Visualizer (S/N: 230515):

Executed 01-Jul-2019 15:09:03 visionCATSuser

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RT White

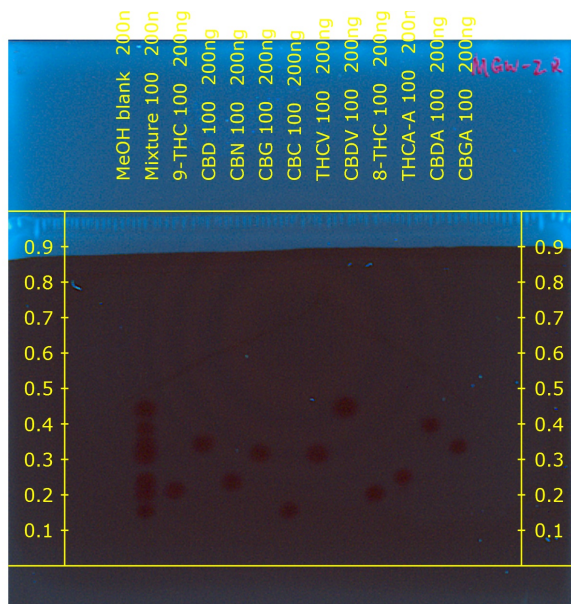
visionCATS
Derivatized, RemTransVis



Exposure	0.055 s
Contrast	1
Normalized exposure	Disabled
Clarify	Disabled
White balance	1.14, 1.07, 0.85

R 366

Derivatized, Remission366



Exposure	8.206 s
Contrast	1
Normalized exposure	Disabled
Clarify	Disabled
White balance	1.00, 1.00, 1.00

Evaluation 1 :

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Validated	false
Step	Take image derivatized plate 1a
Concentration unit type	Mass / volume
Notes	

Definition:

References:

9-THC 100

Substance Name	Concentration	Purity
9-THC	100.000 µg/ml	100.00 %

CBD 100

Substance Name	Concentration	Purity
CBD	100.000 µg/ml	100.00 %

CBN 100

Substance Name	Concentration	Purity
CBN	100.000 µg/ml	100.00 %

CBG 100

Substance Name	Concentration	Purity
CBG	100.000 µg/ml	100.00 %

CBC 100

Substance Name	Concentration	Purity
CBC	100.000 µg/ml	100.00 %

THCV 100

Substance Name	Concentration	Purity
THCV	100.000 µg/ml	100.00 %

CBDV 100

Substance Name	Concentration	Purity
CBDV	100.000 µg/ml	100.00 %

8-THC 100

Substance Name	Concentration	Purity
8-THC	100.000 µg/ml	100.00 %

THCA-A 100

Substance Name	Concentration	Purity
THCA-A	100.000 µg/ml	100.00 %

CBDA 100

Substance Name	Concentration	Purity
CBDA	100.000 µg/ml	100.00 %

CBGA 100

Substance Name	Concentration	Purity
CBGA	100.000 µg/ml	100.00 %

Samples:

Vial ID	Amount	Volume solution	Reference amount	Related to
MeOH blank		0.00 ml		
Mixture 100		0.00 ml		

Integration parameters:

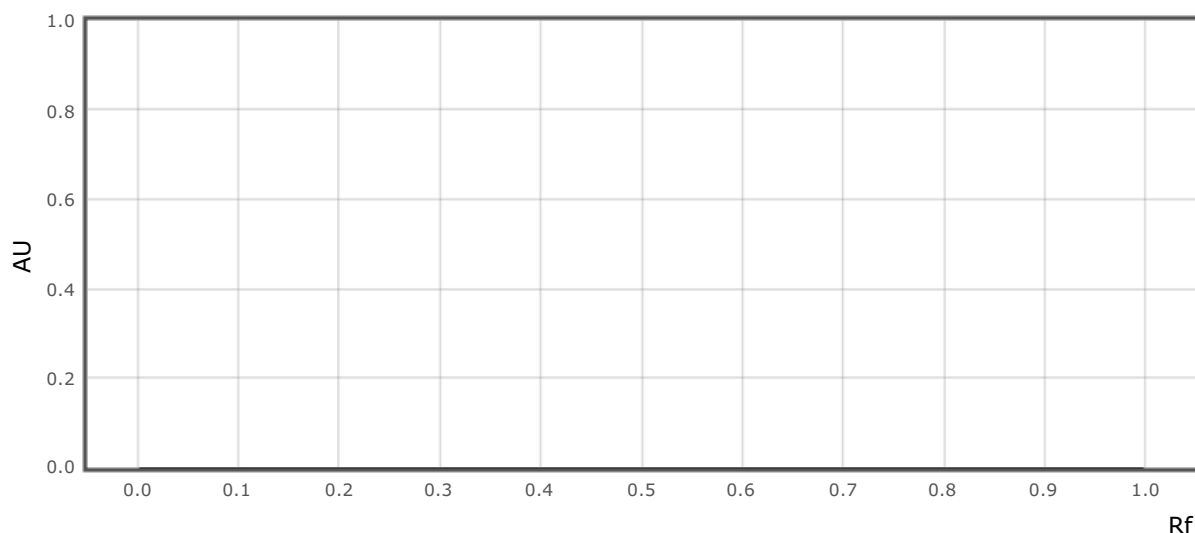
Bounds	[0.000,1.000]
Smoothing	Savitzky-Golay of order 3 and window 7
Baseline correction	Lowest slope with noise 0.05
Profile subtraction	Profile subtraction from track 1
Peaks detection	Gauss (legacy) with sensitivity 0.1, separation 1 and threshold 0.05

Scan:

Wavelength	RT White
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Track 1:

Type	Sample
Vial ID	MeOH blank
Description	200ng
Volume	2.0 µl



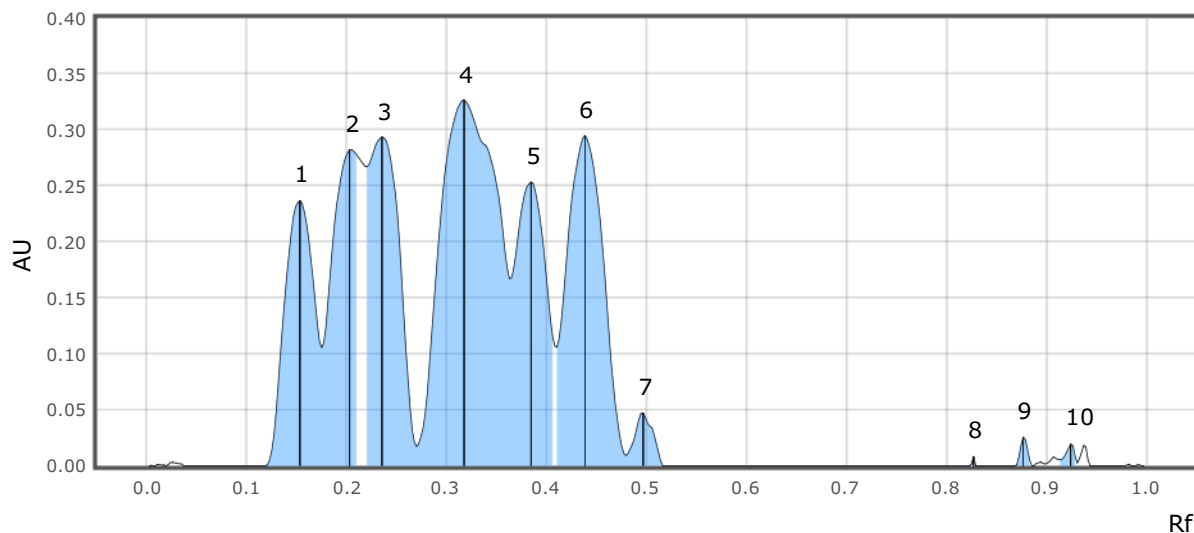
Peak #	Start		Max			End		Area		Manual peak	Substance Name
	Rf	H	Rf	H	%	Rf	H	A	%		

Track 2:

Type	Sample
Vial ID	Mixture 100
Description	200ng
Volume	2.0 µl

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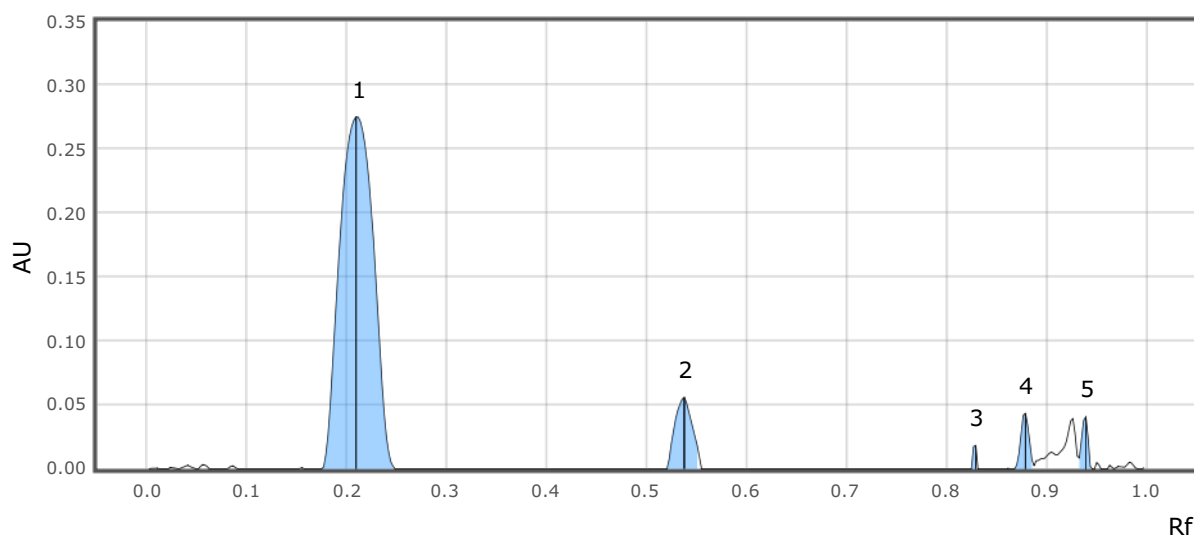
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Peak #	Start		Max			End		Area		Manual peak	Substance Name
	Rf	H	Rf	H	%	Rf	H	A	%		
1	0.119	0.0000	0.153	0.2369	13.24	0.175	0.1056	0.00803	11.03	No	
2	0.175	0.1056	0.203	0.2824	15.79	0.218	0.2677	0.01004	13.79	No	
3	0.220	0.2670	0.235	0.2936	16.42	0.270	0.0172	0.01035	14.21	No	
4	0.270	0.0172	0.317	0.3267	18.26	0.363	0.1672	0.02142	29.41	No	
5	0.363	0.1672	0.384	0.2533	14.16	0.408	0.1071	0.00917	12.59	No	
6	0.410	0.1058	0.438	0.2950	16.49	0.479	0.0091	0.01240	17.03	No	
7	0.479	0.0091	0.497	0.0471	2.63	0.518	0.0000	0.00099	1.36	No	
8	0.823	0.0000	0.827	0.0084	0.47	0.830	0.0000	0.00002	0.03	No	
9	0.868	0.0000	0.877	0.0258	1.44	0.886	0.0000	0.00021	0.28	No	
10	0.914	0.0055	0.925	0.0194	1.08	0.931	0.0025	0.00020	0.27	No	

Track 3:

Type	Reference
Vial ID	9-THC 100
Description	200ng
Volume	2.0 µl



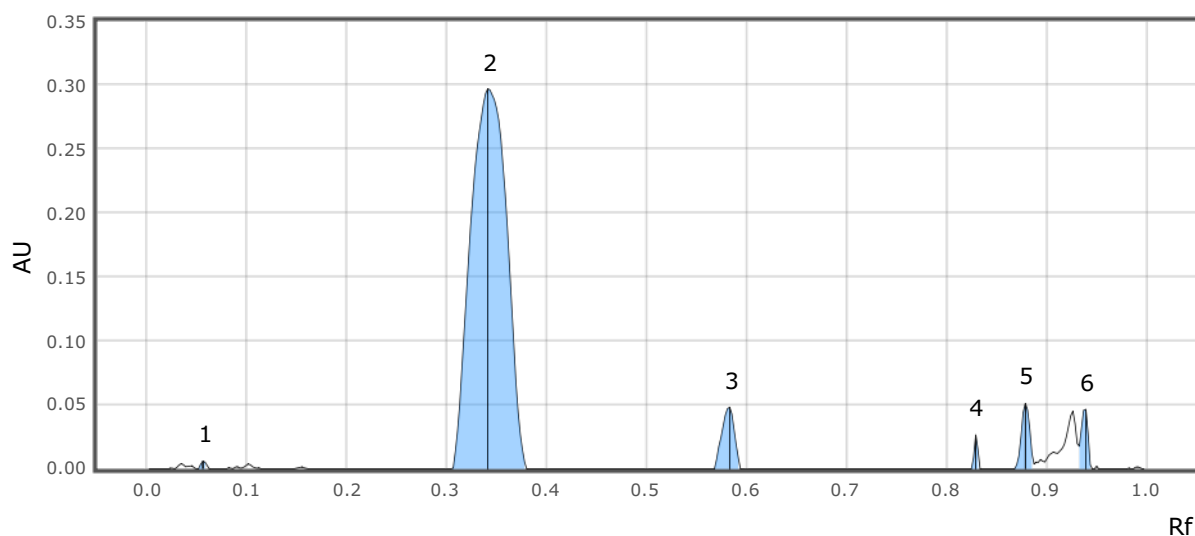
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Peak #	Start		Max			End		Area		Manual peak	Substance Name
	Rf	H	Rf	H	%	Rf	H	A	%		
1	0.175	0.0000	0.209	0.2752	63.46	0.248	0.0000	0.01075	85.00	No	9-THC
2	0.521	0.0000	0.538	0.0558	12.87	0.555	0.0000	0.00112	8.90	No	
3	0.825	0.0000	0.830	0.0184	4.25	0.832	0.0000	0.00008	0.61	No	
4	0.868	0.0000	0.879	0.0435	10.03	0.888	0.0025	0.00041	3.24	No	
5	0.933	0.0084	0.940	0.0407	9.39	0.946	0.0000	0.00029	2.26	No	

Track 4:

Type	Reference
Vial ID	CBD 100
Description	200ng
Volume	2.0 µl



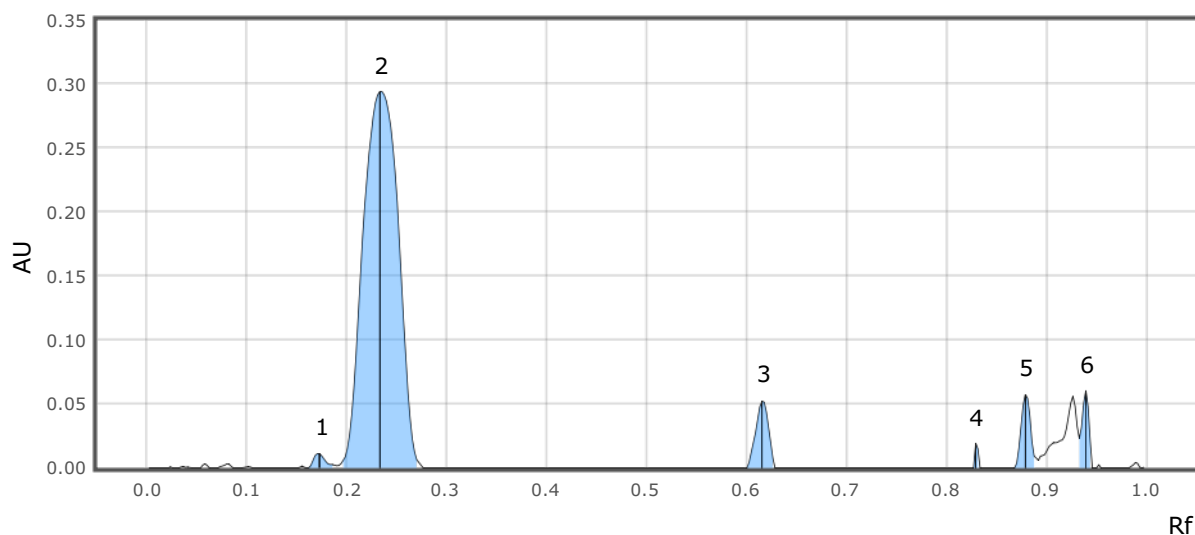
Peak #	Start		Max			End		Area		Manual peak	Substance Name
	Rf	H	Rf	H	%	Rf	H	A	%		
1	0.052	0.0000	0.056	0.0059	1.24	0.062	0.0000	0.00004	0.26	No	
2	0.304	0.0000	0.341	0.2971	62.51	0.380	0.0000	0.01240	88.09	No	CBD
3	0.568	0.0000	0.583	0.0482	10.13	0.594	0.0000	0.00069	4.93	No	
4	0.825	0.0000	0.830	0.0265	5.58	0.834	0.0000	0.00011	0.77	No	
5	0.868	0.0000	0.879	0.0511	10.76	0.888	0.0038	0.00048	3.44	No	
6	0.933	0.0176	0.940	0.0465	9.79	0.946	0.0000	0.00035	2.50	No	

Track 5:

Type	Reference
Vial ID	CBN 100
Description	200ng
Volume	2.0 µl

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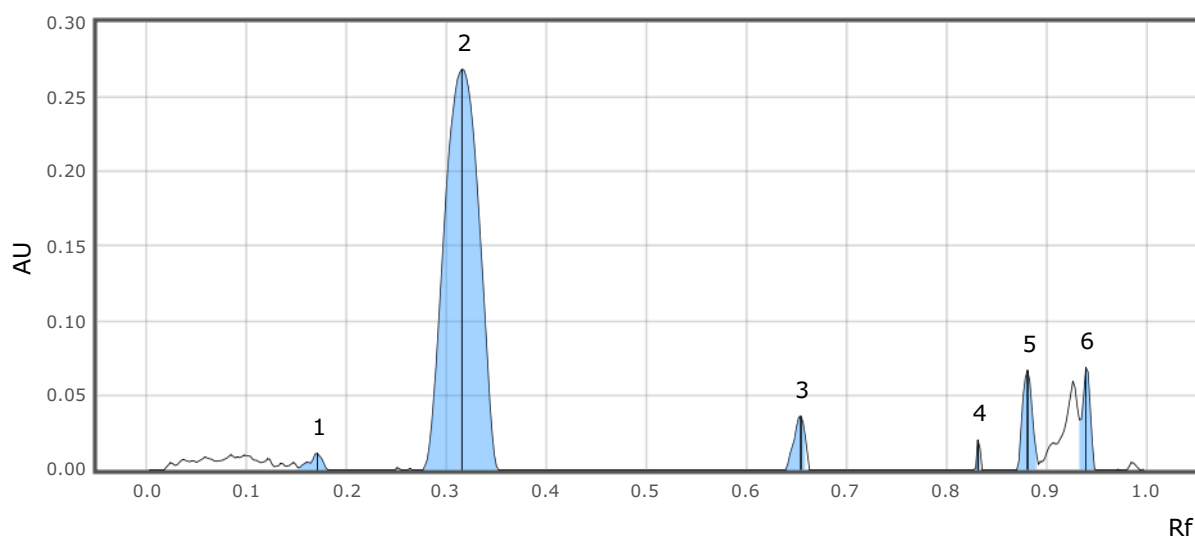
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Peak #	Start		Max			End		Area		Manual peak	Substance Name
	Rf	H	Rf	H	%	Rf	H	A	%		
1	0.160	0.0000	0.173	0.0110	2.24	0.190	0.0016	0.00015	1.09	No	
2	0.196	0.0057	0.233	0.2939	59.57	0.273	0.0044	0.01198	85.04	Yes	CBN
3	0.600	0.0000	0.616	0.0520	10.54	0.629	0.0000	0.00077	5.46	No	
4	0.827	0.0000	0.830	0.0191	3.87	0.834	0.0000	0.00007	0.52	No	
5	0.868	0.0000	0.879	0.0571	11.57	0.892	0.0059	0.00063	4.47	No	
6	0.933	0.0230	0.940	0.0603	12.21	0.946	0.0000	0.00048	3.41	No	

Track 6:

Type	Reference
Vial ID	CBG 100
Description	200ng
Volume	2.0 µl



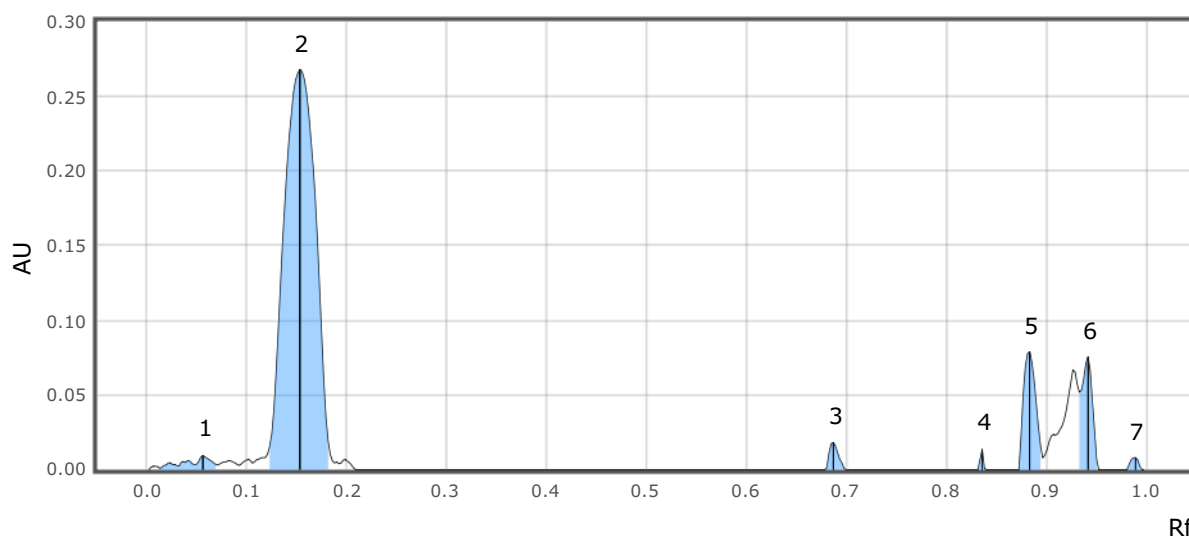
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Peak #	Start		Max			End		Area		Manual peak	Substance Name
	Rf	H	Rf	H	%	Rf	H	A	%		
1	0.151	0.0015	0.170	0.0110	2.35	0.181	0.0000	0.00016	1.28	No	
2	0.276	0.0000	0.315	0.2684	57.03	0.352	0.0000	0.01073	83.62	No	CBG
3	0.639	0.0000	0.655	0.0359	7.62	0.663	0.0000	0.00047	3.64	No	
4	0.827	0.0000	0.832	0.0201	4.27	0.836	0.0000	0.00008	0.60	No	
5	0.871	0.0000	0.881	0.0667	14.18	0.892	0.0037	0.00076	5.89	No	
6	0.933	0.0335	0.940	0.0685	14.56	0.951	0.0000	0.00064	4.97	No	

Track 7:

Type	Reference
Vial ID	CBC 100
Description	200ng
Volume	2.0 µl



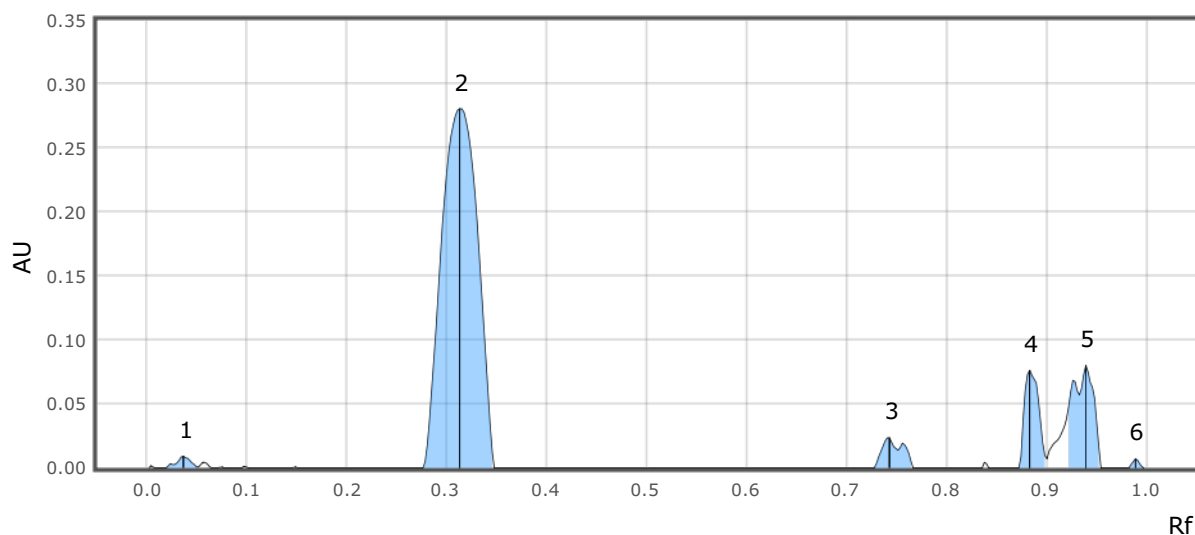
Peak #	Start		Max			End		Area		Manual peak	Substance Name
	Rf	H	Rf	H	%	Rf	H	A	%		
1	0.013	0.0009	0.056	0.0094	1.99	0.071	0.0032	0.00028	2.22	No	
2	0.122	0.0105	0.153	0.2676	56.82	0.183	0.0104	0.00978	78.66	Yes	CBC
3	0.678	0.0000	0.687	0.0183	3.89	0.700	0.0000	0.00019	1.51	No	
4	0.832	0.0000	0.836	0.0135	2.87	0.840	0.0000	0.00005	0.38	No	
5	0.873	0.0000	0.884	0.0787	16.72	0.897	0.0080	0.00113	9.12	No	
6	0.933	0.0518	0.942	0.0754	16.00	0.953	0.0000	0.00093	7.52	No	
7	0.979	0.0000	0.989	0.0081	1.71	0.996	0.0000	0.00007	0.60	No	

Track 8:

Type	Reference
Vial ID	THCV 100
Description	200ng
Volume	2.0 µl

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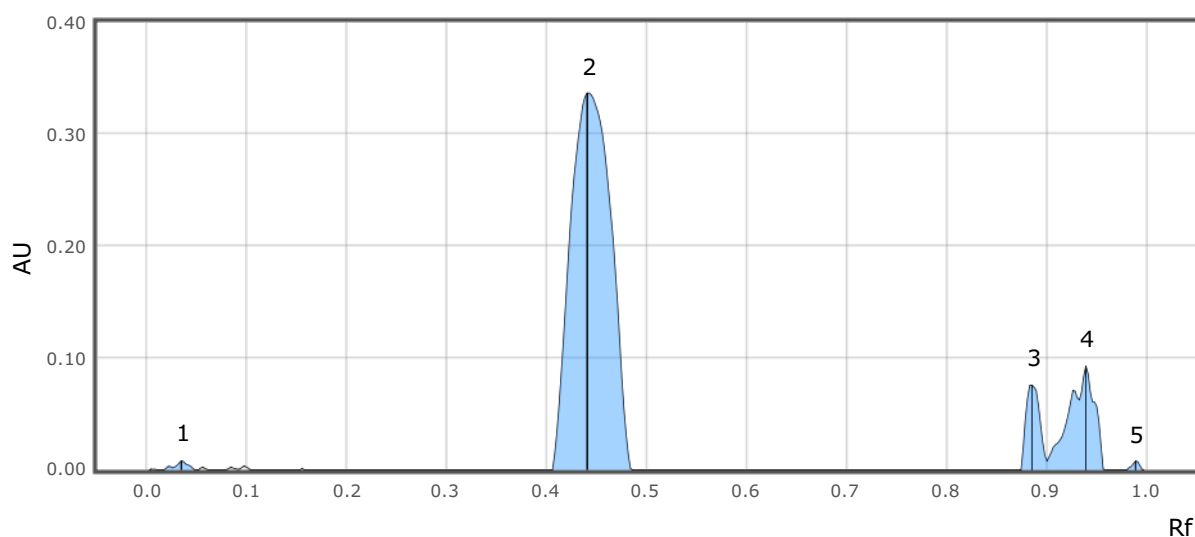
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Peak #	Start		Max			End		Area		Manual peak	Substance Name
	Rf	H	Rf	H	%	Rf	H	A	%		
1	0.019	0.0000	0.036	0.0090	1.88	0.052	0.0007	0.00014	0.90	No	
2	0.276	0.0000	0.313	0.2806	58.90	0.348	0.0000	0.01179	75.22	No	THCV
3	0.728	0.0000	0.743	0.0236	4.95	0.767	0.0000	0.00056	3.56	No	
4	0.873	0.0000	0.884	0.0763	16.01	0.901	0.0071	0.00127	8.10	No	
5	0.922	0.0471	0.940	0.0799	16.78	0.955	0.0000	0.00186	11.89	No	
6	0.983	0.0000	0.989	0.0070	1.47	0.998	0.0000	0.00005	0.33	No	

Track 9:

Type	Reference
Vial ID	CBDV 100
Description	200ng
Volume	2.0 µl



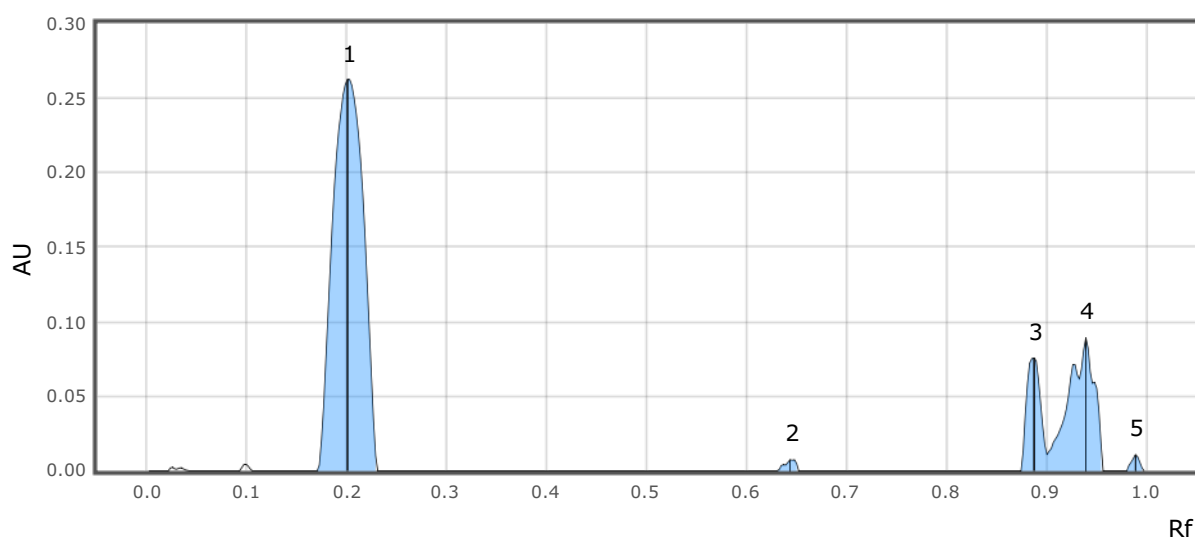
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Peak #	Start		Max			End		Area		Manual peak	Substance Name
	Rf	H	Rf	H	%	Rf	H	A	%		
1	0.017	0.0000	0.034	0.0079	1.51	0.049	0.0000	0.00011	0.56	No	CBDV
2	0.406	0.0000	0.441	0.3365	64.64	0.486	0.0000	0.01590	79.44	No	
3	0.875	0.0000	0.886	0.0758	14.56	0.901	0.0078	0.00122	6.10	No	
4	0.901	0.0078	0.940	0.0926	17.80	0.959	0.0000	0.00272	13.57	No	
5	0.979	0.0000	0.989	0.0078	1.49	0.998	0.0000	0.00006	0.32	No	

Track 10:

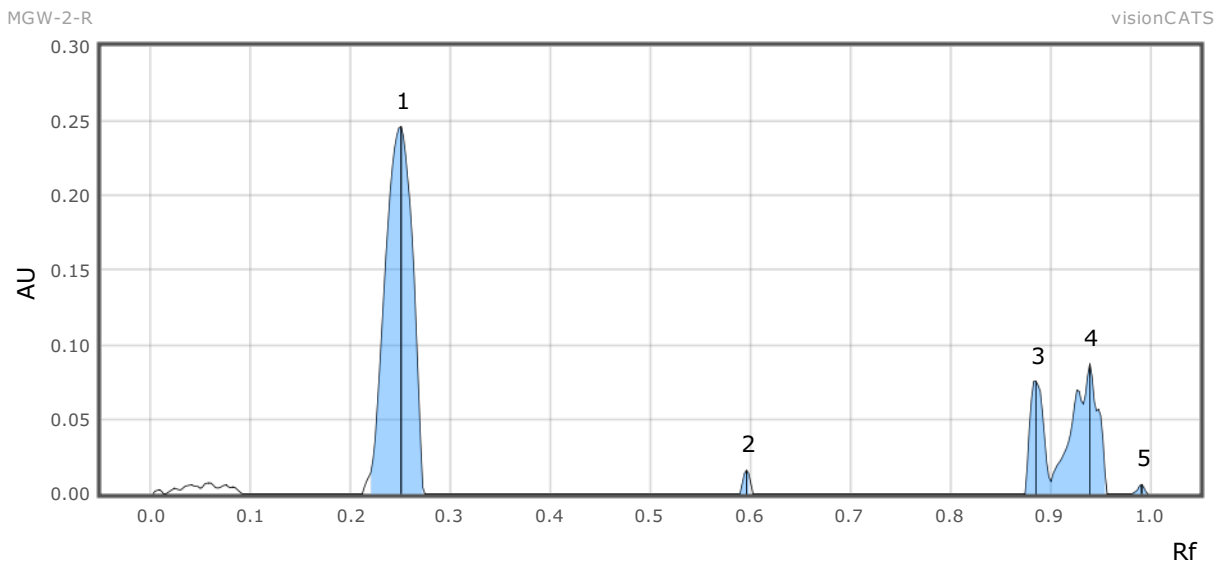
Type	Reference
Vial ID	8-THC 100
Description	200ng
Volume	2.0 µl



Peak #	Start		Max			End		Area		Manual peak	Substance Name
	Rf	H	Rf	H	%	Rf	H	A	%		
1	0.170	0.0000	0.201	0.2622	58.92	0.231	0.0000	0.00933	69.57	No	8-THC
2	0.631	0.0000	0.644	0.0074	1.65	0.652	0.0000	0.00010	0.72	No	
3	0.875	0.0000	0.888	0.0756	16.99	0.901	0.0108	0.00122	9.13	No	
4	0.901	0.0108	0.940	0.0890	20.01	0.957	0.0000	0.00266	19.84	No	
5	0.981	0.0000	0.989	0.0108	2.43	0.998	0.0000	0.00010	0.74	No	

Track 11:

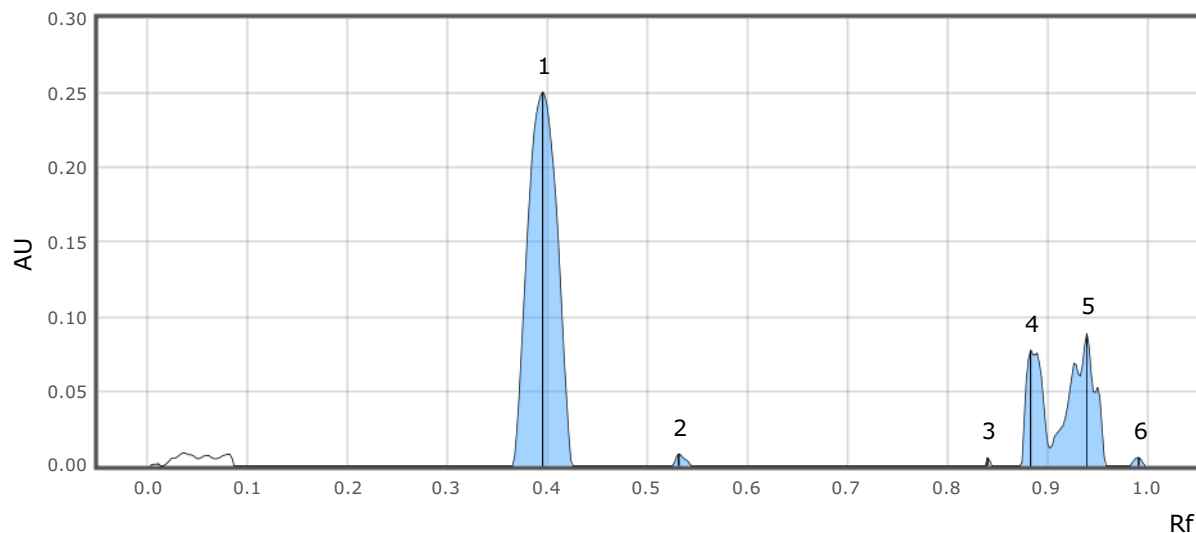
Type	Reference
Vial ID	THCA-A 100
Description	200ng
Volume	2.0 µl



Peak #	Start		Max			End		Area		Manual peak	Substance Name
	Rf	H	Rf	H	%	Rf	H	A	%		
1	0.219	0.0143	0.250	0.2459	57.08	0.274	0.0000	0.00777	66.49	Yes	THCA-A
2	0.588	0.0000	0.596	0.0159	3.69	0.603	0.0000	0.00012	1.05	No	
3	0.875	0.0000	0.886	0.0755	17.54	0.901	0.0081	0.00118	10.11	No	
4	0.901	0.0081	0.940	0.0871	20.22	0.957	0.0000	0.00256	21.95	No	
5	0.981	0.0000	0.992	0.0063	1.47	0.998	0.0000	0.00005	0.39	No	

Track 12:

Type	Reference
Vial ID	CBDA 100
Description	200ng
Volume	2.0 µl



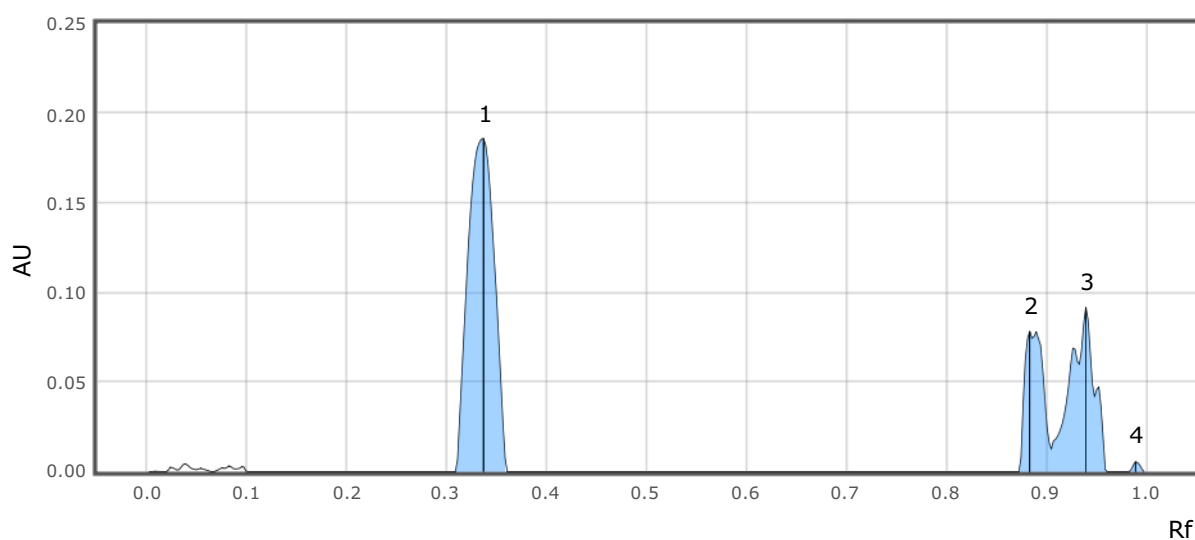
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Peak #	Start		Max			End		Area		Manual peak	Substance Name
	Rf	H	Rf	H	%	Rf	H	A	%		
1	0.365	0.0000	0.395	0.2503	57.52	0.425	0.0000	0.00856	67.23	No	CBDA
2	0.525	0.0000	0.531	0.0079	1.82	0.544	0.0000	0.00008	0.64	No	
3	0.838	0.0000	0.840	0.0053	1.22	0.845	0.0000	0.00002	0.15	No	
4	0.873	0.0000	0.884	0.0775	17.81	0.903	0.0119	0.00147	11.54	No	
5	0.903	0.0119	0.940	0.0886	20.35	0.959	0.0000	0.00255	20.05	No	
6	0.983	0.0000	0.992	0.0056	1.28	0.998	0.0000	0.00005	0.39	No	

Track 13:

Type	Reference
Vial ID	CBGA 100
Description	200ng
Volume	2.0 µl



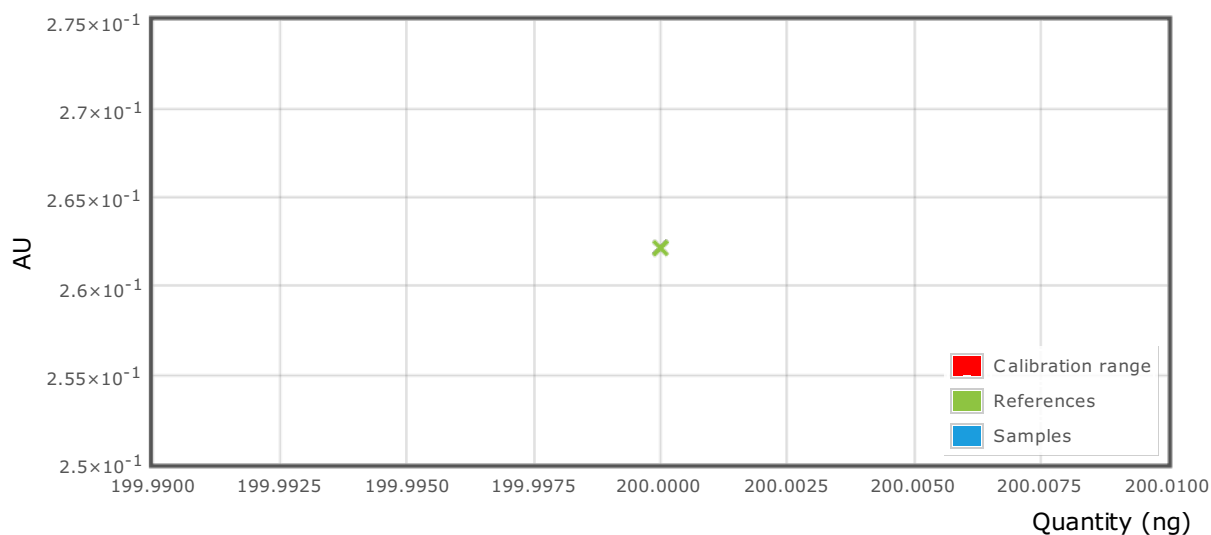
Peak #	Start		Max			End		Area		Manual peak	Substance Name
	Rf	H	Rf	H	%	Rf	H	A	%		
1	0.309	0.0000	0.337	0.1855	51.41	0.361	0.0000	0.00569	57.15	No	CBGA
2	0.873	0.0000	0.884	0.0783	21.68	0.905	0.0125	0.00168	16.87	No	
3	0.905	0.0125	0.940	0.0916	25.38	0.961	0.0000	0.00254	25.54	No	
4	0.983	0.0000	0.989	0.0055	1.53	0.998	0.0000	0.00004	0.44	No	

Calibration results:

Height calibration for substance 8-THC @ RT White:

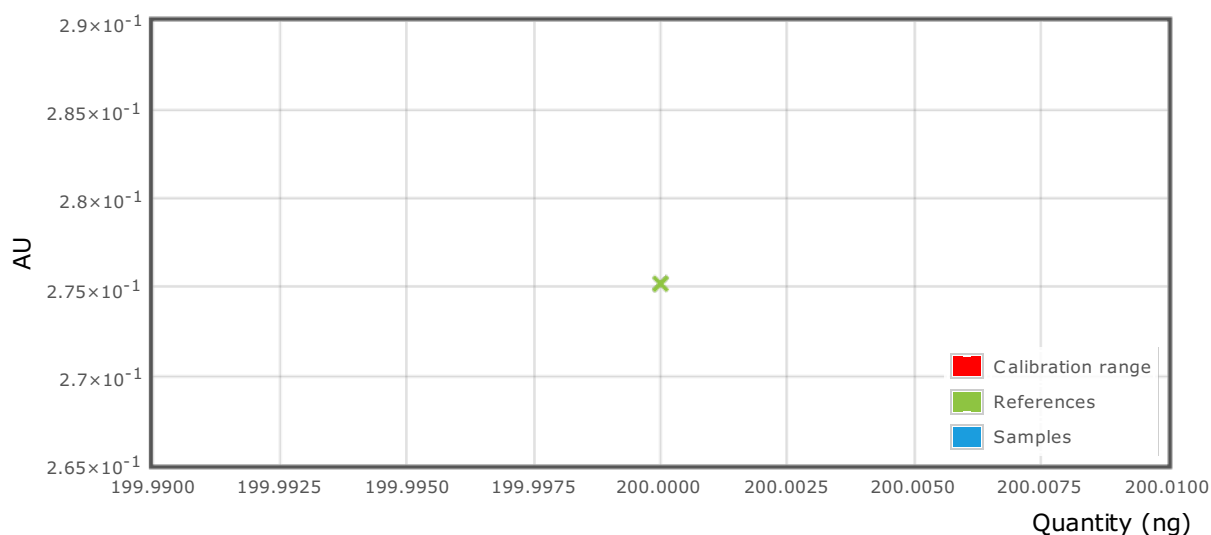
MGW-2-R

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Regression mode	Linear-2
Range deviation	5.00 %
Related substances	Default
Number of references	1
Calibration function	$y=0x$
Coefficient of variation	CV 0.00 %
Correlation coefficient	n/a
	Unable to compute the results for this substance because there wasn't enough groups of references replicas (at least 1 for Linear-1, 2 for Linear2 and Mime-1 and 3 for Polynomial and MiMe-2)

Height calibration for substance 9-THC @ RT White:

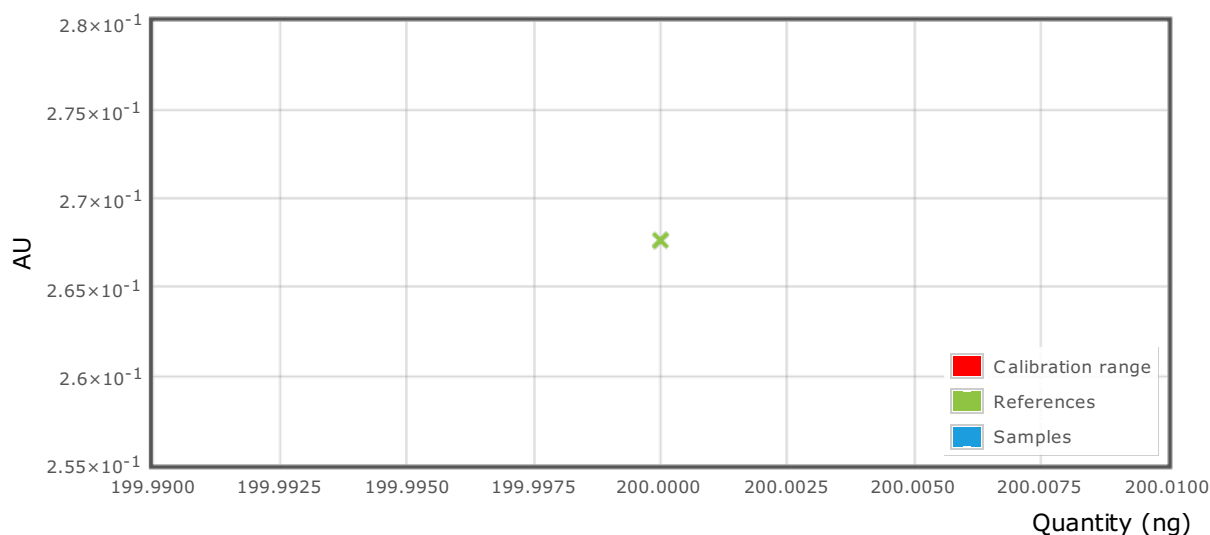


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Regression mode	Linear-2
Range deviation	5.00 %
Related substances	Default
Number of references	1
Calibration function	$y=0x$
Coefficient of variation	CV 0.00 %
Correlation coefficient	n/a
	Unable to compute the results for this substance because there wasn't enough groups of references replicas (at least 1 for Linear-1, 2 for Linear2 and Mime-1 and 3 for Polynomial and MiMe-2)

Height calibration for substance CBC @ RT White:

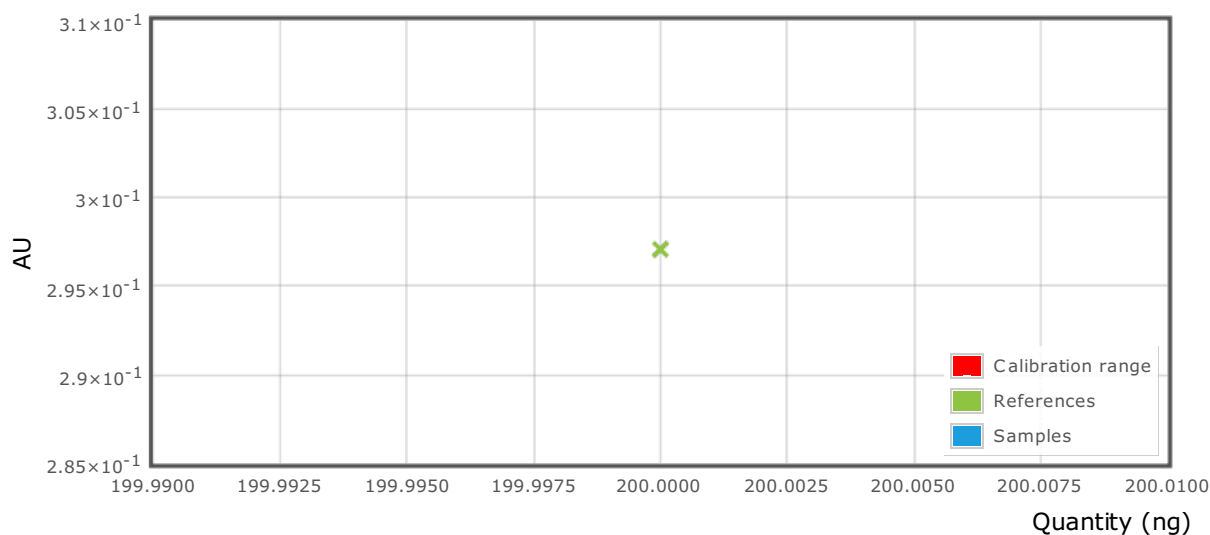


Regression mode	Linear-2
Range deviation	5.00 %
Related substances	Default
Number of references	1
Calibration function	$y=0x$
Coefficient of variation	CV 0.00 %
Correlation coefficient	n/a
	Unable to compute the results for this substance because there wasn't enough groups of references replicas (at least 1 for Linear-1, 2 for Linear2 and Mime-1 and 3 for Polynomial and MiMe-2)

Height calibration for substance CBD @ RT White:

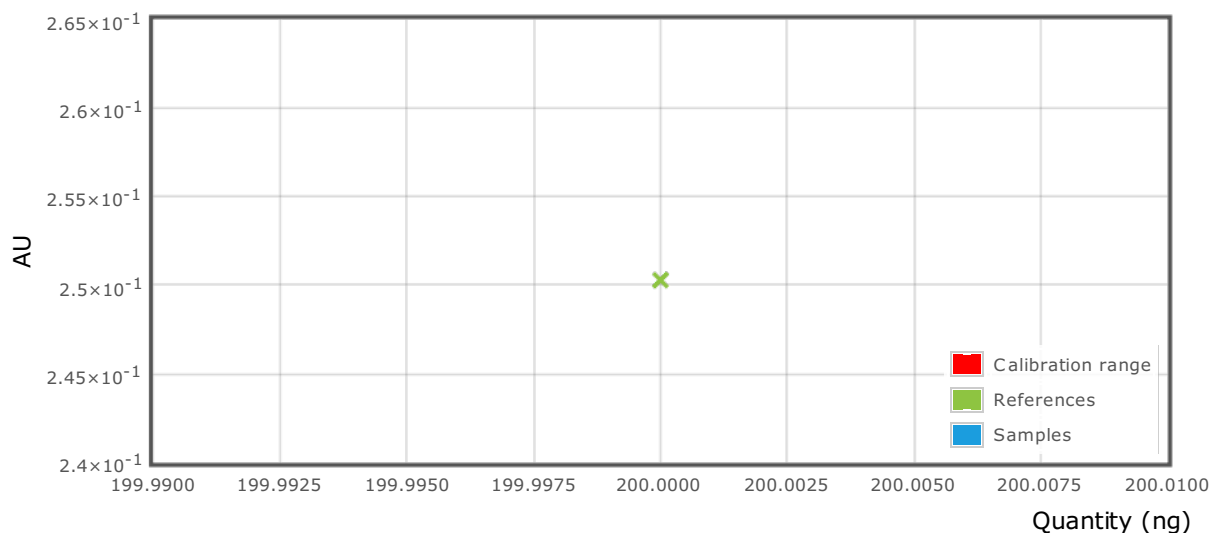
MGW-2-R

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Regression mode	Linear-2
Range deviation	5.00 %
Related substances	Default
Number of references	1
Calibration function	$y=0x$
Coefficient of variation	CV 0.00 %
Correlation coefficient	n/a
	Unable to compute the results for this substance because there wasn't enough groups of references replicas (at least 1 for Linear-1, 2 for Linear2 and Mime-1 and 3 for Polynomial and MiMe-2)

Height calibration for substance CBDA @ RT White:

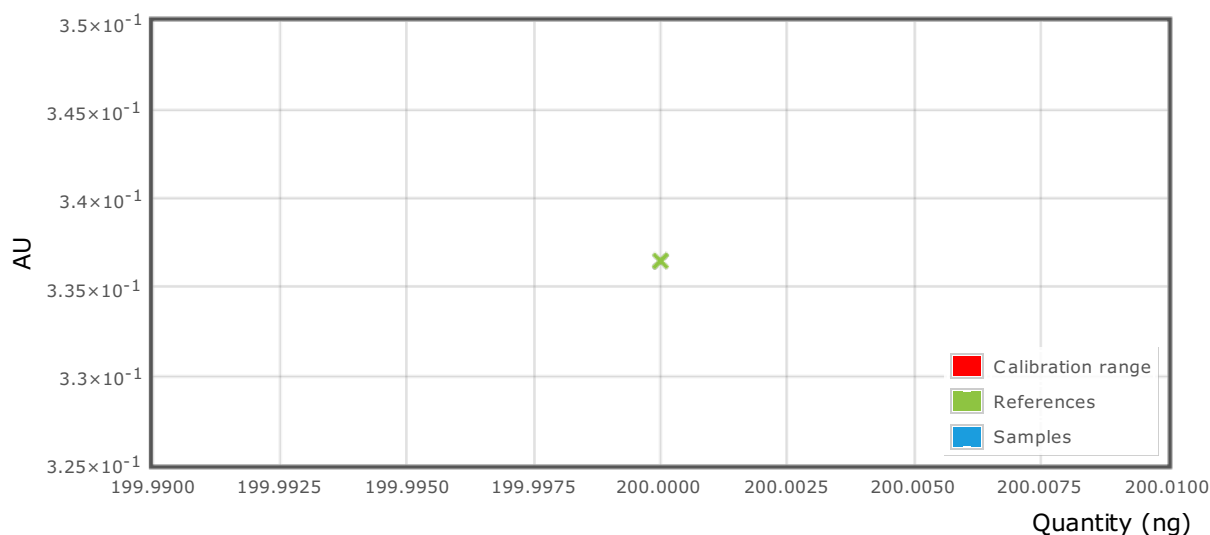


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Regression mode	Linear-2
Range deviation	5.00 %
Related substances	Default
Number of references	1
Calibration function	$y=0x$
Coefficient of variation	CV 0.00 %
Correlation coefficient	n/a
	Unable to compute the results for this substance because there wasn't enough groups of references replicas (at least 1 for Linear-1, 2 for Linear2 and Mime-1 and 3 for Polynomial and MiMe-2)

Height calibration for substance CBDV @ RT White:

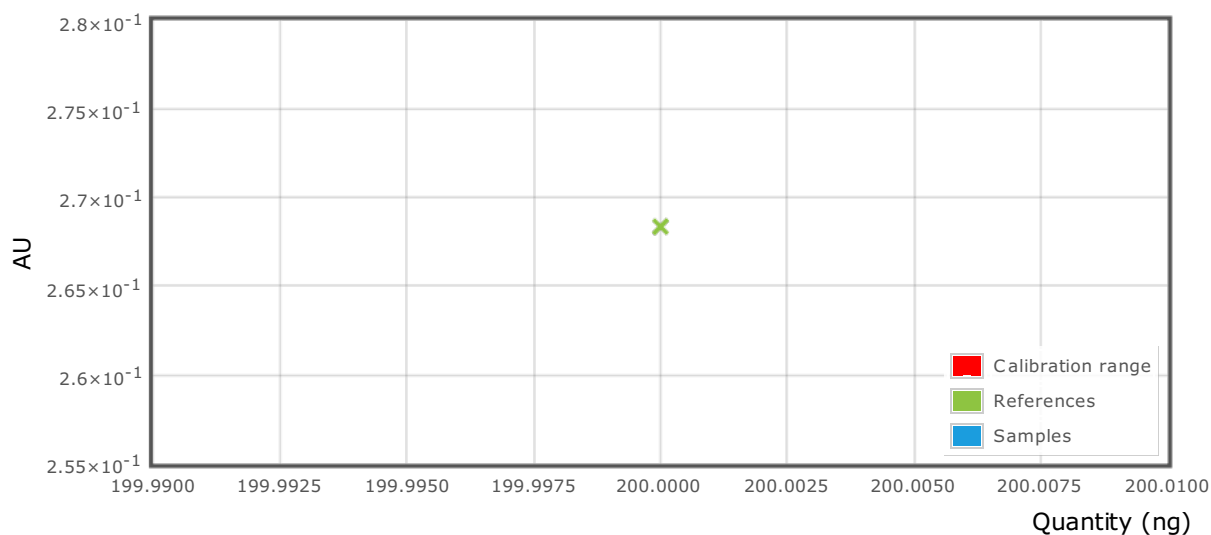


Regression mode	Linear-2
Range deviation	5.00 %
Related substances	Default
Number of references	1
Calibration function	$y=0x$
Coefficient of variation	CV 0.00 %
Correlation coefficient	n/a
	Unable to compute the results for this substance because there wasn't enough groups of references replicas (at least 1 for Linear-1, 2 for Linear2 and Mime-1 and 3 for Polynomial and MiMe-2)

Height calibration for substance CBG @ RT White:

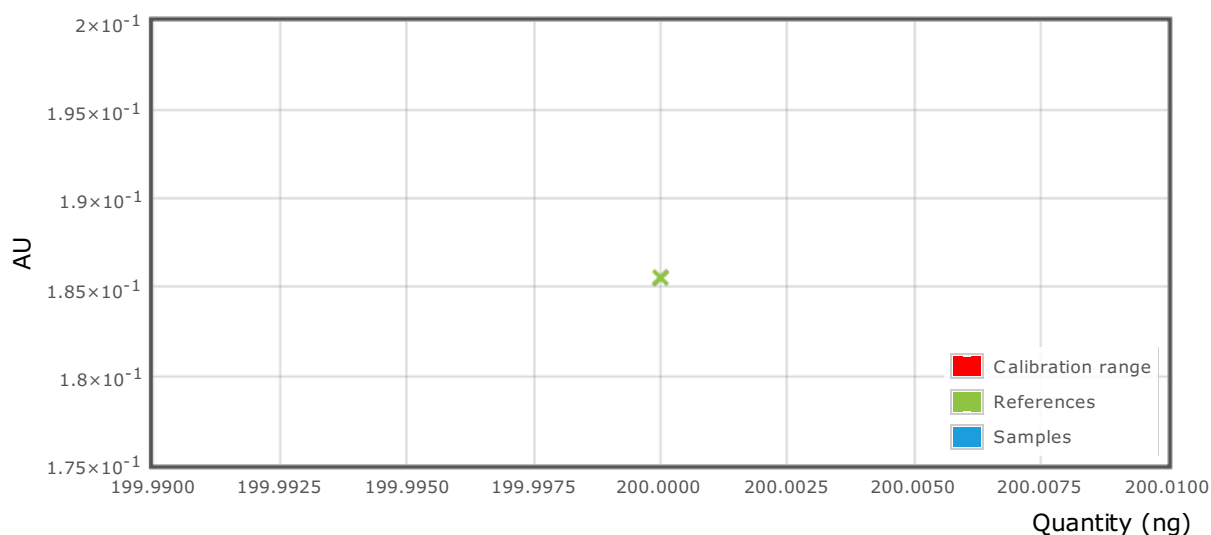
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Regression mode	Linear-2
Range deviation	5.00 %
Related substances	Default
Number of references	1
Calibration function	$y=0x$
Coefficient of variation	CV 0.00 %
Correlation coefficient	n/a
	Unable to compute the results for this substance because there wasn't enough groups of references replicas (at least 1 for Linear-1, 2 for Linear2 and Mime-1 and 3 for Polynomial and MiMe-2)

Height calibration for substance CBGA @ RT White:

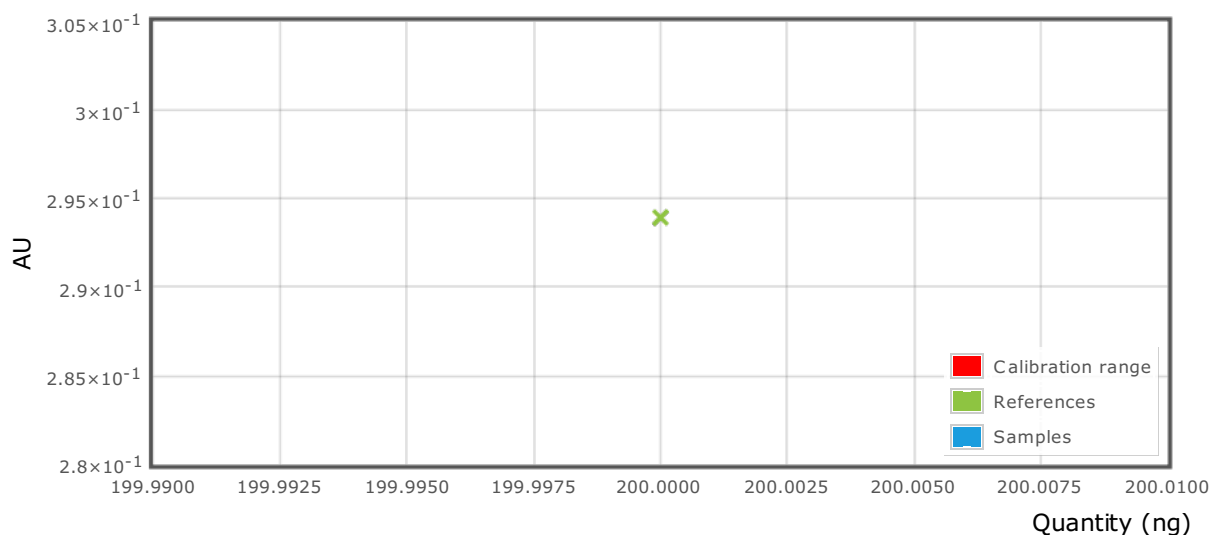


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Regression mode	Linear-2
Range deviation	5.00 %
Related substances	Default
Number of references	1
Calibration function	$y=0x$
Coefficient of variation	CV 0.00 %
Correlation coefficient	n/a
	Unable to compute the results for this substance because there wasn't enough groups of references replicas (at least 1 for Linear-1, 2 for Linear2 and Mime-1 and 3 for Polynomial and MiMe-2)

Height calibration for substance CBN @ RT White:

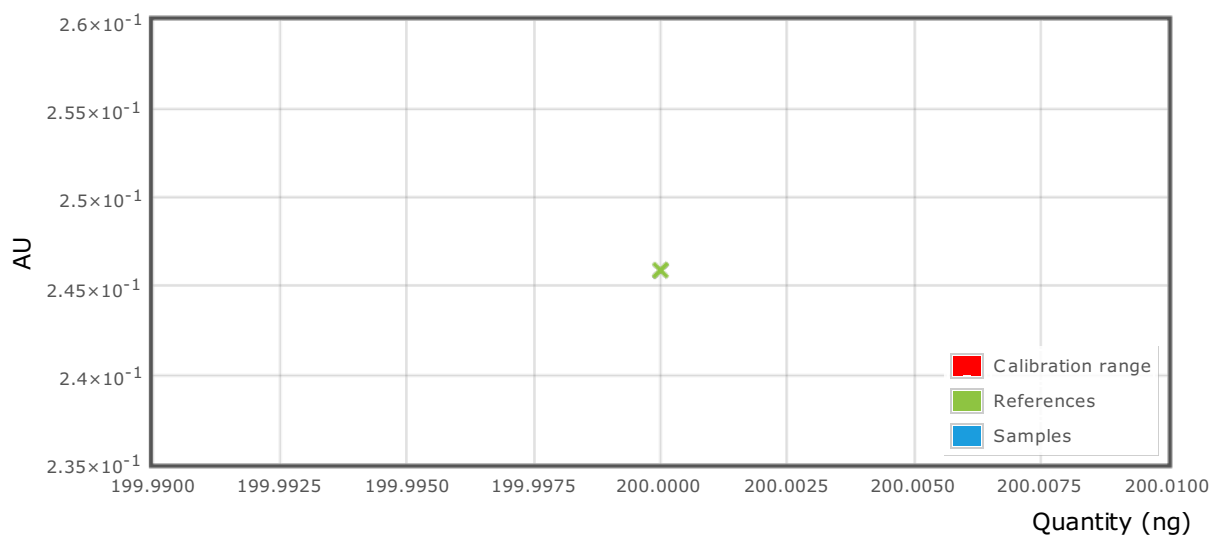


Regression mode	Linear-2
Range deviation	5.00 %
Related substances	Default
Number of references	1
Calibration function	$y=0x$
Coefficient of variation	CV 0.00 %
Correlation coefficient	n/a
	Unable to compute the results for this substance because there wasn't enough groups of references replicas (at least 1 for Linear-1, 2 for Linear2 and Mime-1 and 3 for Polynomial and MiMe-2)

Height calibration for substance THCA-A @ RT White:

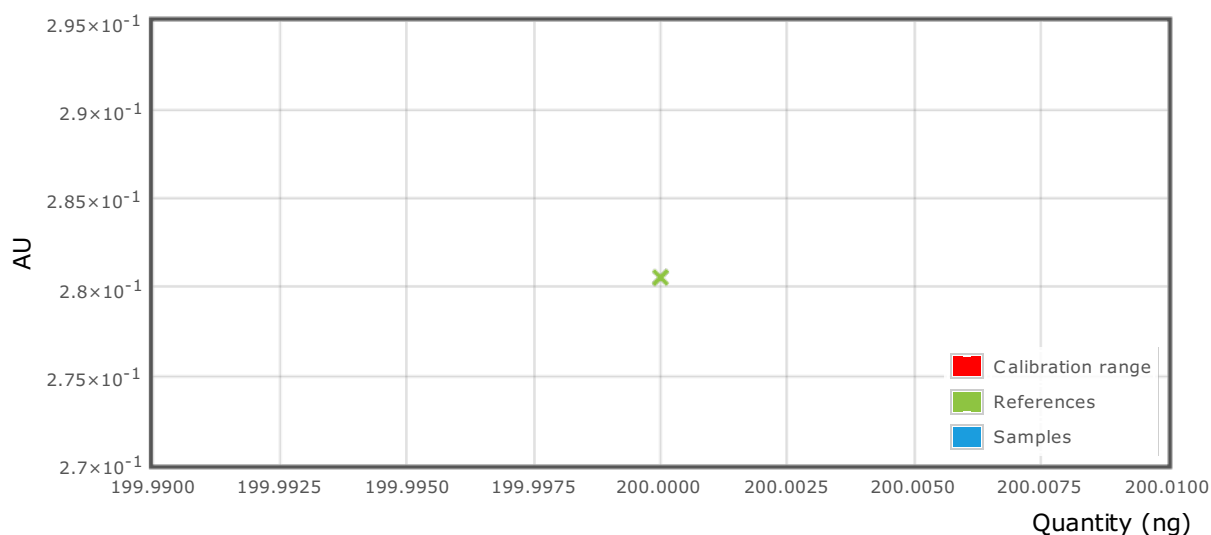
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Regression mode	Linear-2
Range deviation	5.00 %
Related substances	Default
Number of references	1
Calibration function	$y=0x$
Coefficient of variation	CV 0.00 %
Correlation coefficient	n/a
	Unable to compute the results for this substance because there wasn't enough groups of references replicas (at least 1 for Linear-1, 2 for Linear2 and Mime-1 and 3 for Polynomial and MiMe-2)

Height calibration for substance THCV @ RT White:



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Regression mode	Linear-2
Range deviation	5.00 %
Related substances	Default
Number of references	1
Calibration function	$y=0x$
Coefficient of variation	CV 0.00 %
Correlation coefficient	n/a
	Unable to compute the results for this substance because there wasn't enough groups of references replicas (at least 1 for Linear-1, 2 for Linear2 and Mime-1 and 3 for Polynomial and MiMe-2)

Results:

Substance having no available results		
	CBGA	There wasn't any sample application available in the assignments for this substance. Please check that the peaks were correctly detected and assigned for this substance.
	CBDV	There wasn't any sample application available in the assignments for this substance. Please check that the peaks were correctly detected and assigned for this substance.
	CBC	There wasn't any sample application available in the assignments for this substance. Please check that the peaks were correctly detected and assigned for this substance.
	CBN	There wasn't any sample application available in the assignments for this substance. Please check that the peaks were correctly detected and assigned for this substance.
	8-THC	There wasn't any sample application available in the assignments for this substance. Please check that the peaks were correctly detected and assigned for this substance.
	CBD	There wasn't any sample application available in the assignments for this substance. Please check that the peaks were correctly detected and assigned for this substance.
	THCA-A	There wasn't any sample application available in the assignments for this substance. Please check that the peaks were correctly detected and assigned for this substance.
	CBDA	There wasn't any sample application available in the assignments for this substance. Please check that the peaks were correctly detected and assigned for this substance.
	THCV	There wasn't any sample application available in the assignments for this substance. Please check that the peaks were correctly detected and assigned for this substance.
	9-THC	There wasn't any sample application available in the assignments for this substance. Please check that the peaks were correctly detected and assigned for this substance.
	CBG	There wasn't any sample application available in the assignments for this substance. Please check that the peaks were correctly detected and assigned for this substance.

A track marked with  means: this result is outside the regression range given by the reference assignments, but is included in the results because it is in the allowed range deviation.

Analyst:

Reviewer: