Quantis Plus (QP) IVM Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #:		**Analyte:**	Ivermectin
Batch:	IVM Feed Assay Val Set 1		

Sample Raw File Name	Sample Name	Retention Time	Peak Area	ISTD Area	Theoretical Amount (ng/mL)	Calculated Amount (ng/mL)	Percent Difference %
IVM001	BLK1	N/F	0.00	N/F	N/A	N/F	N/A
IVM002	STD 3 CHECK 1	6.05	28787.74	73221	N/A	2.582	N/A
IVM003	STD 3 CHECK 2	6.10	25310.51	62730	N/A	2.653	N/A
IVM004	STD 3 CHECK 3	6.10	17075.44	42205	N/A	2.660	N/A
IVM005	BLK2	6.20	18.78	N/F	N/A	N/A	N/A
IVM006	STD 1	6.10	4897.36	61905	0.50	0.419	-16.120
IVM007	STD 2	6.10	10415.53	62027	1.00	1.031	3.090
IVM008	STD 3	6.10	25100.30	61625	2.50	2.679	7.170
IVM009	STD 4	6.05	50019.72	65782	5.00	5.110	2.210
IVM010	STD 5	6.10	103807.66	65607	10.00	10.770	7.700
IVM011	STD 6	6.10	241365.77	68915	25.00	23.991	-4.040
IVM012	BLK3	N/F	0.00	22	N/A	N/F	N/A
IVM013	Blank matrix-Cattle	6.10	67.94	41568	N/A	-0.114	N/A
IVM014	Blank matrix-Deer	N/F	0.00	41168	N/A	N/F	N/A
IVM015	BLK4	N/F	0.00	N/F	N/A	N/F	N/A
IVM016	LS	6.05	19905.22	65613	2.00	1.964	-1.820
IVM017	BLK5	N/F	0.00	N/F	N/A	N/F	N/A
IVM018	Sample 1	6.10	47092.29	62006	N/A	5.104	N/A
IVM019	Sample 2	6.10	48437.65	62995	N/A	5.169	N/A
IVM020	Sample 3	6.10	48902.32	62441	N/A	5.267	N/A
IVM021	Sample 4	6.05	49607.85	64178	N/A	5.197	N/A
IVM022	Sample 5	6.10	46733.09	62221	N/A	5.046	N/A
IVM023	Sample 6	6.05	122759.69	63184	N/A	13.253	N/A
IVM024	Sample 7	6.10	124066.29	65818	N/A	12.854	N/A
IVM025	Sample 8	6.10	120749.33	63442	N/A	12.980	N/A
IVM026	Sample 9	6.10	123620.19	65546	N/A	12.861	N/A
IVM027	Sample 10	6.05	120541.30	64066	N/A	12.830	N/A
IVM028	Sample 11	6.10	149236.75	65910	N/A	15.465	N/A
IVM029	Sample 12	6.10	93019.50	41294	N/A	15.385	N/A
IVM030	Sample 13	6.05	96326.40	43412	N/A	15.153	N/A
IVM031	BLK6	6.05	14.24	N/F	N/A	N/A	N/A
IVM032	MS	6.05	64361.64	40821	10.00	10.731	7.310
IVM033	BLK7	6.10	28.16	17	N/A	11.215	N/A
IVM034	Sample 14	6.10	143092.60	62805	N/A	15.563	N/A
IVM035	Sample 15	6.10	145494.35	62581	N/A	15.883	N/A
IVM036	Sample 16	6.10	196469.78	65328	N/A	20.583	N/A
IVM037	Sample 17	6.10	131078.37	43534	N/A	20.607	N/A
IVM038	Sample 18	6.10	125656.60	41427	N/A	20.760	N/A
IVM039	Sample 19	6.05	128125.66	41565	N/A	21.100	N/A
IVM040	Sample 20	6.10	196978.94	67290	N/A	20.031	N/A

Quantis Plus (QP) IVM Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #:		**Analyte:**	Ivermectin
Batch:	IVM Feed Assay Val Set 1		

Sample Raw File Name	Sample Name	Retention Time	Peak Area	ISTD Area	Theoretical Amount (ng/mL)	Calculated Amount (ng/mL)	Percent Difference %
IVM001	BLK1	N/F	0.00	N/F	N/A	N/F	N/A
IVM041	Sample 21	6.05	31462.50	39868	N/A	5.309	N/A
IVM042	Sample 22	6.10	46983.47	62290	N/A	5.068	N/A
IVM043	Sample 23	6.05	47462.35	59951	N/A	5.326	N/A
IVM044	Sample 24	6.10	47288.81	62270	N/A	5.104	N/A
IVM045	Sample 25	6.10	48679.12	62623	N/A	5.227	N/A
IVM046	Sample 26	6.10	75779.47	39861	N/A	12.965	N/A
IVM047	BLK8	5.50	17.45	65	N/A	1.737	N/A
IVM048	HS	6.10	197353.90	65967	20.00	20.474	2.370
IVM049	BLK9	4.85	6.72	N/F	N/A	N/A	N/A
IVM050	Sample 27	6.10	116762.62	63434	N/A	12.549	N/A
IVM051	Sample 28	6.10	118094.32	63974	N/A	12.585	N/A
IVM052	Sample 29	6.10	117250.42	62782	N/A	12.734	N/A
IVM053	Sample 30	6.05	117947.73	62455	N/A	12.878	N/A
IVM054	Sample 31	6.10	94670.07	42251	N/A	15.303	N/A
IVM055	Sample 32	6.10	144682.51	62949	N/A	15.701	N/A
IVM056	Sample 33	6.05	140446.86	61841	N/A	15.513	N/A
IVM057	Sample 34	6.10	139826.17	60861	N/A	15.694	N/A
IVM058	Sample 35	6.10	93669.62	41238	N/A	15.515	N/A
IVM059	Sample 36	6.10	188902.39	62745	N/A	20.605	N/A
IVM060	Sample 37	6.05	119127.54	38678	N/A	21.082	N/A
IVM061	Sample 38	6.05	184815.92	61049	N/A	20.720	N/A
IVM062	Sample 39	6.05	186036.17	62569	N/A	20.348	N/A
IVM063	Sample 40	6.05	189543.28	61990	N/A	20.929	N/A
IVM064	BLK10	N/F	0.00	8	N/A	N/F	N/A
IVM065	BLK11	N/F	0.00	N/F	N/A	N/F	N/A

Quantis Plus (QP) IVM IS Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #		**Analyte:**	IVM IS
Batch:	IVM Feed Assay Val Set 1	**Calc IS Response (Avg.):**	61904.82

Sample Raw File Name	Sample Type	Sample Name	Retention Time	Peak Area	Std Response	Percent Difference*
IVM001	Solvent	BLK1	N/F	0.00	0.00	NA
IVM002	Unknown	STD 3 CHECK 1	6.03	73221.25	64310.20	18.28%
IVM003	Unknown	STD 3 CHECK 2	6.03	62729.81	64310.20	1.33%
IVM004	Unknown	STD 3 CHECK 3	6.03	42205.19	64310.20	-31.82%
IVM005	Solvent	BLK2	N/F	0.00	0.00	NA
IVM006	Cal Std	STD 1	6.03	61904.82	64310.20	0.00%
IVM007	Cal Std	STD 2	6.03	62026.81	64310.20	0.20%
IVM008	Cal Std	STD 3	6.03	61625.29	64310.20	-0.45%
IVM009	Cal Std	STD 4	6.03	65782.09	64310.20	6.26%
IVM010	Cal Std	STD 5	6.03	65606.77	64310.20	5.98%
IVM011	Cal Std	STD 6	6.03	68915.45	64310.20	11.32%
IVM012	Solvent	BLK3	6.03	21.77	64310.20	-99.96%
IVM013	Matrix Blank	Blank matrix-Cattle	6.03	41568.33	64310.20	-32.85%
IVM014	Matrix Blank	Blank matrix-Deer	6.03	41168.11	64310.20	-33.50%
IVM015	Solvent	BLK4	N/F	0.00	0.00	NA
IVM016	QC	LS	6.03	65613.12	64310.20	5.99%
IVM017	Solvent	BLK5	N/F	0.00	0.00	NA
IVM018	Unknown	Sample 1	6.03	62006.21	64310.20	0.16%
IVM019	Unknown	Sample 2	6.03	62995.26	64310.20	1.76%
IVM020	Unknown	Sample 3	6.03	62440.98	64310.20	0.87%
IVM021	Unknown	Sample 4	6.03	64178.28	64310.20	3.67%
IVM022	Unknown	Sample 5	6.03	62221.22	64310.20	0.51%
IVM023	Unknown	Sample 6	6.03	63183.97	64310.20	2.07%
IVM024	Unknown	Sample 7	6.03	65817.94	64310.20	6.32%
IVM025	Unknown	Sample 8	6.03	63441.88	64310.20	2.48%
IVM026	Unknown	Sample 9	6.03	65546.22	64310.20	5.88%
IVM027	Unknown	Sample 10	6.03	64066.09	64310.20	3.49%
IVM028	Unknown	Sample 11	6.03	65910.35	64310.20	6.47%
IVM029	Unknown	Sample 12	6.03	41294.27	64310.20	-33.29%
IVM030	Unknown	Sample 13	6.03	43411.83	64310.20	-29.87%
IVM031	Solvent	BLK6	N/F	0.00	0.00	NA
IVM032	QC	MS	6.03	40821.45	64310.20	-34.06%
IVM033	Solvent	BLK7	5.98	17.10	64310.20	-99.97%
IVM034	Unknown	Sample 14	6.03	62804.87	64310.20	1.45%
IVM035	Unknown	Sample 15	6.03	62581.01	64310.20	1.09%
IVM036	Unknown	Sample 16	6.03	65328.06	64310.20	5.53%
IVM037	Unknown	Sample 17	6.03	43533.62	64310.20	-29.68%
IVM038	Unknown	Sample 18	6.03	41427.00	64310.20	-33.08%
IVM039	Unknown	Sample 19	6.03	41564.90	64310.20	-32.86%
IVM040	Unknown	Sample 20	6.03	67290.50	64310.20	8.70%
IVM041	Unknown	Sample 21	6.03	39867.58	64310.20	-35.60%

Quantis Plus (QP) IVM IS Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #		**Analyte:**	IVM IS
Batch:	IVM Feed Assay Val Set 1	**Calc IS Response (Avg.):**	61904.82

Sample Raw File Name	Sample Type	Sample Name	Retention Time	Peak Area	Std Response	Percent Difference*
IVM001	Solvent	BLK1	N/F	0.00	0.00	NA
IVM002	Unknown	STD 3 CHECK 1	6.03	73221.25	64310.20	18.28%
IVM042	Unknown	Sample 22	6.03	62289.69	64310.20	0.62%
IVM043	Unknown	Sample 23	6.03	59950.58	64310.20	-3.16%
IVM044	Unknown	Sample 24	6.03	62269.84	64310.20	0.59%
IVM045	Unknown	Sample 25	6.03	62622.79	64310.20	1.16%
IVM046	Unknown	Sample 26	6.03	39861.27	64310.20	-35.61%
IVM047	Solvent	BLK8	6.03	64.50	64310.20	-99.90%
IVM048	QC	HS	6.03	65967.16	64310.20	6.56%
IVM049	Solvent	BLK9	N/F	0.00	0.00	NA
IVM050	Unknown	Sample 27	6.03	63434.38	64310.20	2.47%
IVM051	Unknown	Sample 28	6.03	63974.44	64310.20	3.34%
IVM052	Unknown	Sample 29	6.03	62782.20	64310.20	1.42%
IVM053	Unknown	Sample 30	6.03	62455.36	64310.20	0.89%
IVM054	Unknown	Sample 31	6.03	42250.85	64310.20	-31.75%
IVM055	Unknown	Sample 32	6.03	62949.21	64310.20	1.69%
IVM056	Unknown	Sample 33	6.03	61840.90	64310.20	-0.10%
IVM057	Unknown	Sample 34	6.03	60860.97	64310.20	-1.69%
IVM058	Unknown	Sample 35	6.03	41237.61	64310.20	-33.39%
IVM059	Unknown	Sample 36	6.03	62744.64	64310.20	1.36%
IVM060	Unknown	Sample 37	6.03	38678.08	64310.20	-37.52%
IVM061	Unknown	Sample 38	6.03	61048.80	64310.20	-1.38%
IVM062	Unknown	Sample 39	6.03	62569.38	64310.20	1.07%
IVM063	Unknown	Sample 40	6.03	61989.80	64310.20	0.14%
IVM064	Solvent	BLK10	6.73	7.80	64310.20	-99.99%
IVM065	Solvent	BLK11	N/F	0.00	0.00	NA

(1)-Average IS Response may include blank due to software bug. Used averageifs formula to caluculate IS Response (Avg) and updated % deviation calculation 10/27/22. -DMP

NOTE: Data chromatography is filtered to remove LFFM samples from report. -DMP 9/20/2023

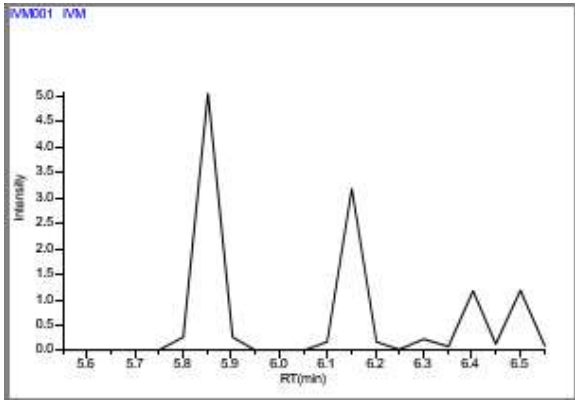
Layout updated. -DMP 9/16/2023

Quantis Plus (QP) Chromatograms

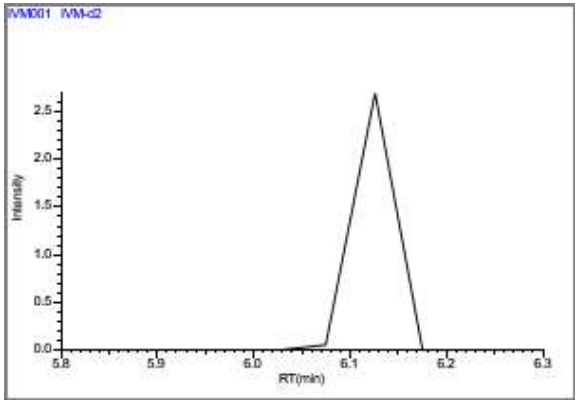
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 1

Method: IVM Feed
Acquire Date: 12/12/2025

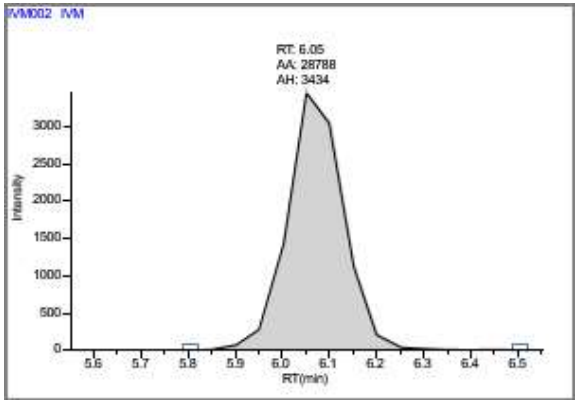
Compound Name:	IVM
File Name:	IVM001
Sample Name:	BLK1
Manipulated?	FALSE



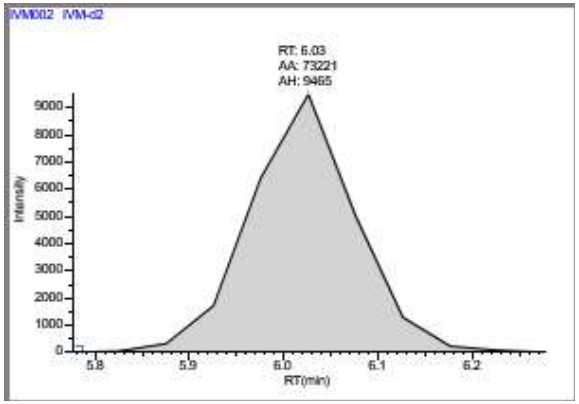
Compound Name:	IVM-d2
File Name:	IVM001
Sample Name:	BLK1
Manipulated?	FALSE



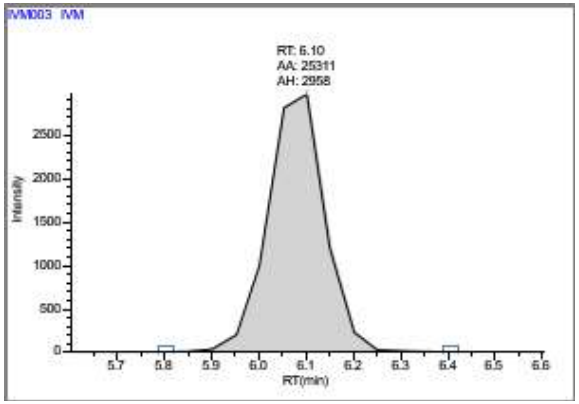
Compound Name:	IVM
File Name:	IVM002
Sample Name:	STD 3 CHECK 1
Manipulated?	FALSE



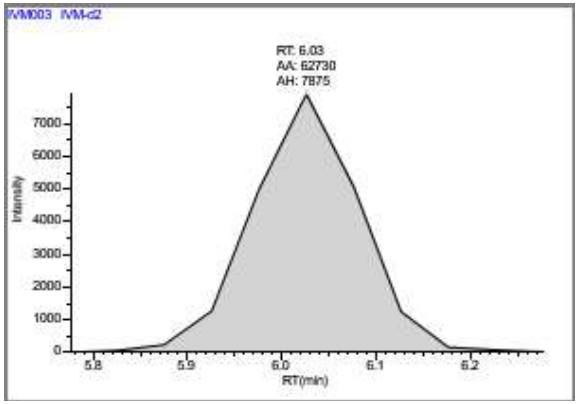
Compound Name:	IVM-d2
File Name:	IVM002
Sample Name:	STD 3 CHECK 1
Manipulated?	FALSE



Compound Name:	IVM
File Name:	IVM003
Sample Name:	STD 3 CHECK 2
Manipulated?	FALSE



Compound Name:	IVM-d2
File Name:	IVM003
Sample Name:	STD 3 CHECK 2
Manipulated?	FALSE



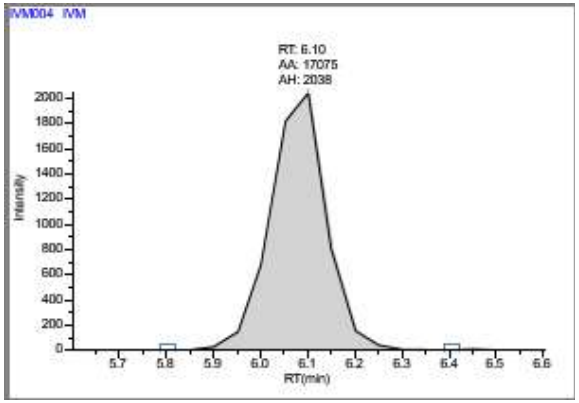
Layout updated. -DMP 9/16/2023

Quantis Plus (QP) Chromatograms

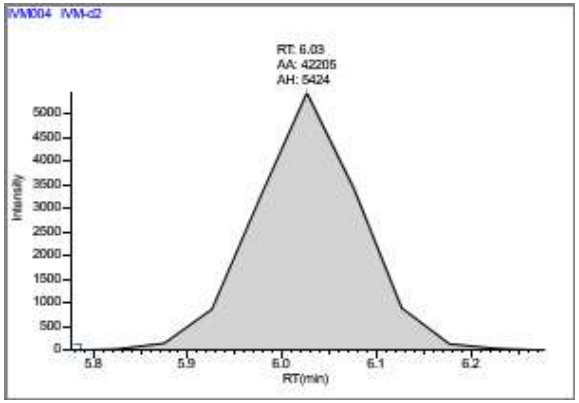
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 1

Method: IVM Feed
Acquire Date: 12/12/2025

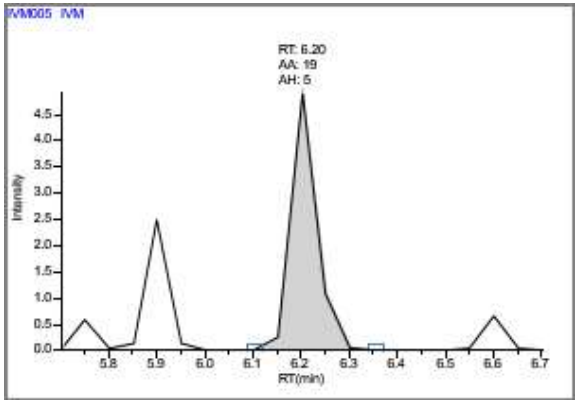
Compound Name:	IVM
File Name:	IVM004
Sample Name:	STD 3 CHECK 3
Manipulated?	FALSE



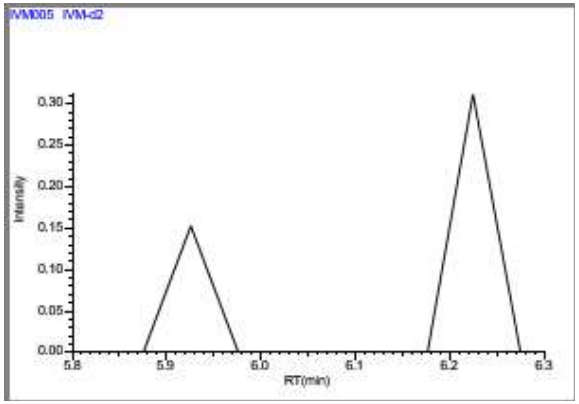
Compound Name:	IVM-d2
File Name:	IVM004
Sample Name:	STD 3 CHECK 3
Manipulated?	FALSE



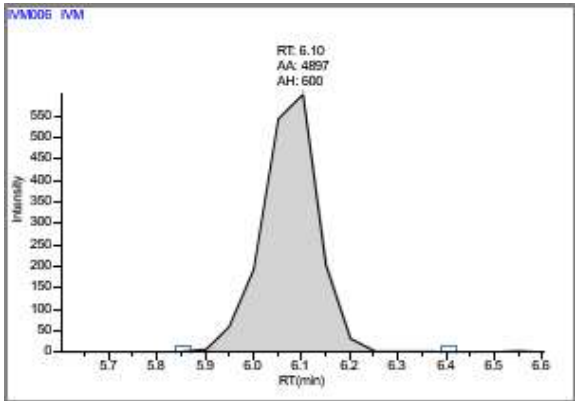
Compound Name:	IVM
File Name:	IVM005
Sample Name:	BLK2
Manipulated?	FALSE



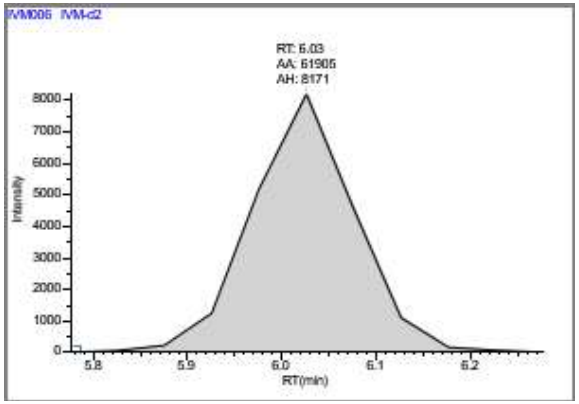
Compound Name:	IVM-d2
File Name:	IVM005
Sample Name:	BLK2
Manipulated?	FALSE



Compound Name:	IVM
File Name:	IVM006
Sample Name:	STD 1
Manipulated?	FALSE



Compound Name:	IVM-d2
File Name:	IVM006
Sample Name:	STD 1
Manipulated?	FALSE



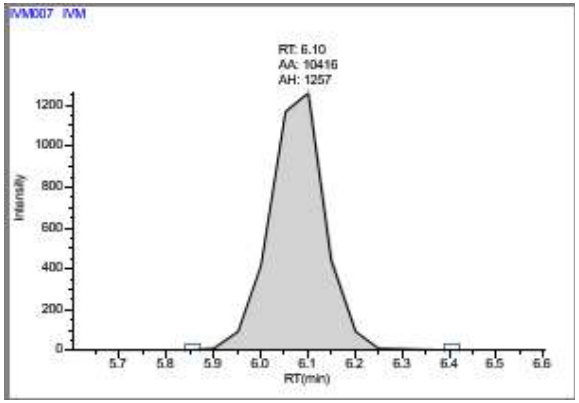
Layout updated. -DMP 9/16/2023

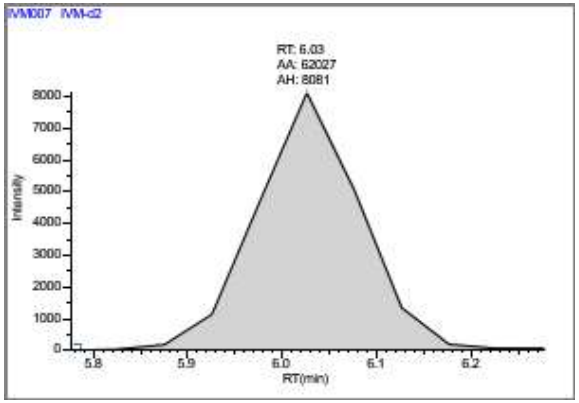
Quantis Plus (QP) Chromatograms

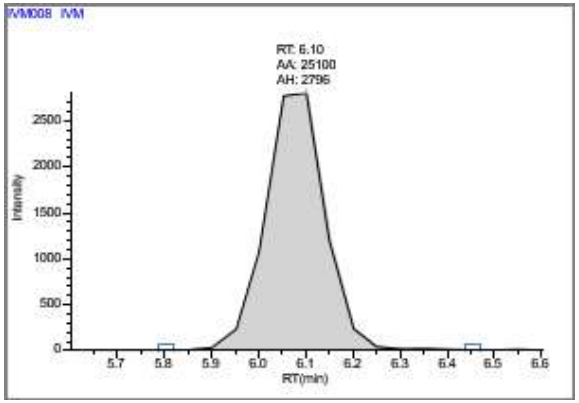
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 1

Method: IVM Feed
Acquire Date: 12/12/2025

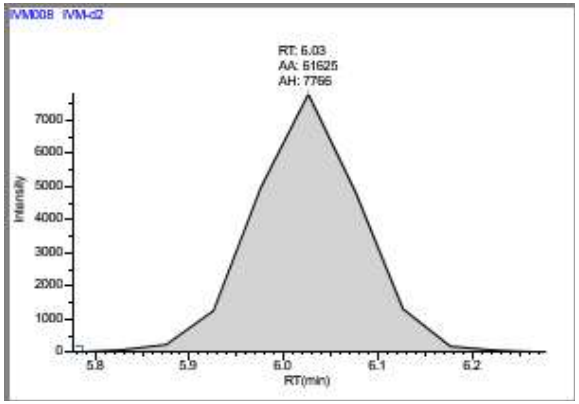
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM007	File Name:	IVM007	File Name:	IVM008
Sample Name:	STD 2	Sample Name:	STD 2	Sample Name:	STD 3
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE

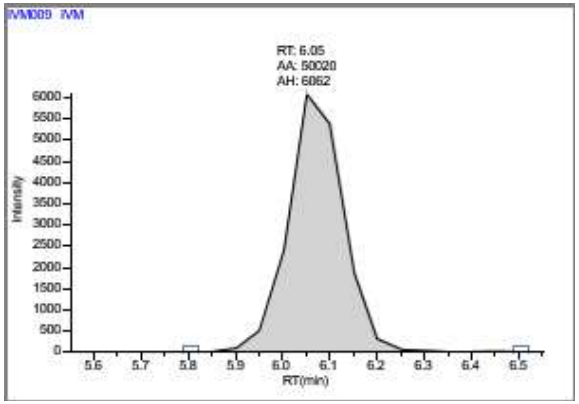


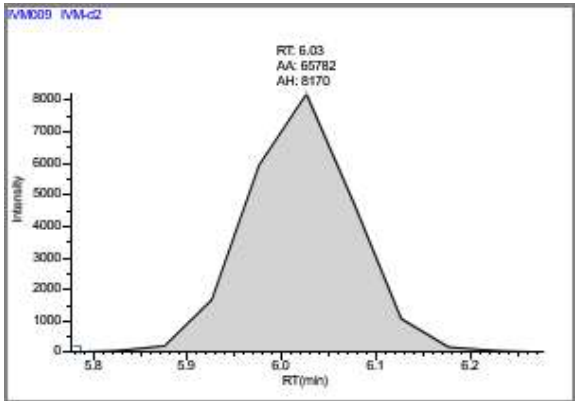




Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM008	File Name:	IVM009	File Name:	IVM009
Sample Name:	STD 3	Sample Name:	STD 4	Sample Name:	STD 4
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE







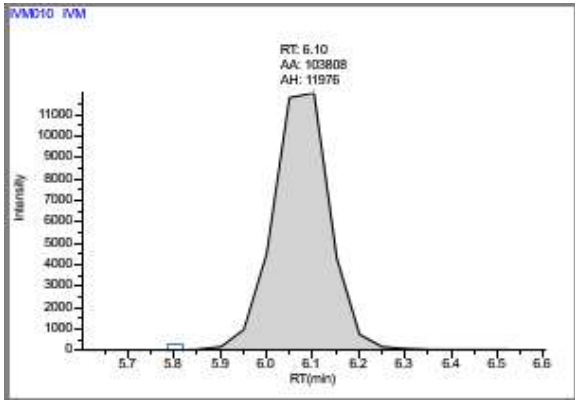
Layout updated. -DMP 9/16/2023

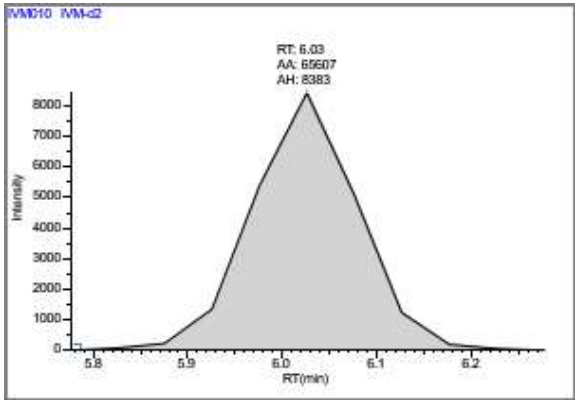
Quantis Plus (QP) Chromatograms

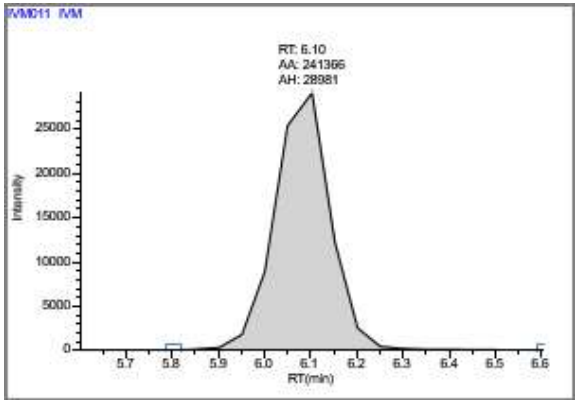
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 1

Method: IVM Feed
Acquire Date: 12/12/2025

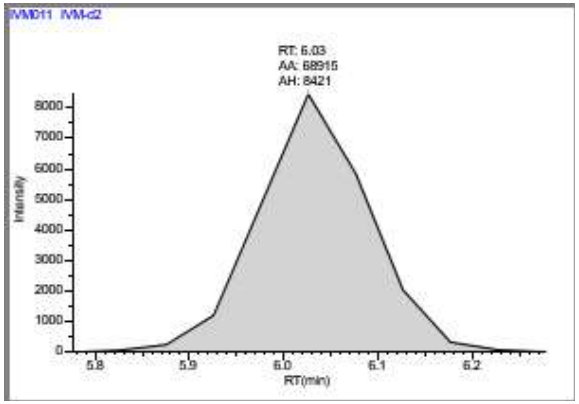
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM010	File Name:	IVM010	File Name:	IVM011
Sample Name:	STD 5	Sample Name:	STD 5	Sample Name:	STD 6
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE

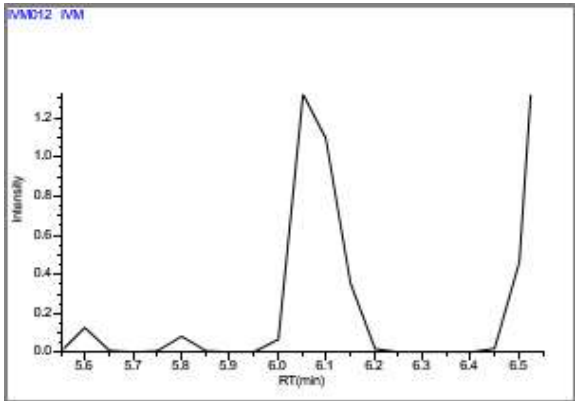


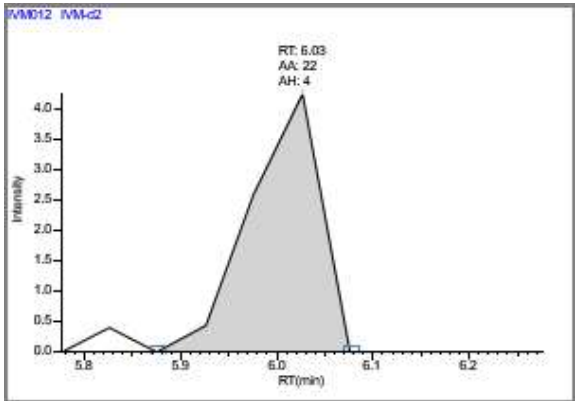




Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM011	File Name:	IVM012	File Name:	IVM012
Sample Name:	STD 6	Sample Name:	BLK3	Sample Name:	BLK3
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE





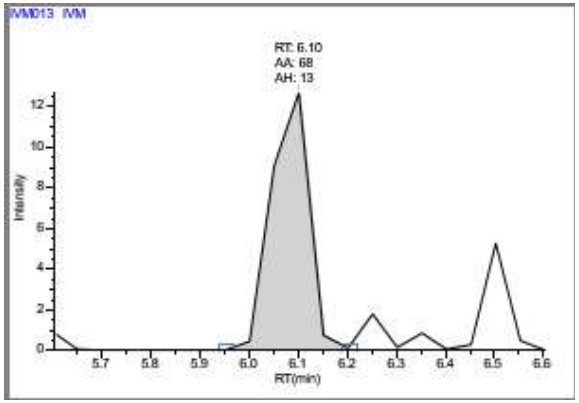


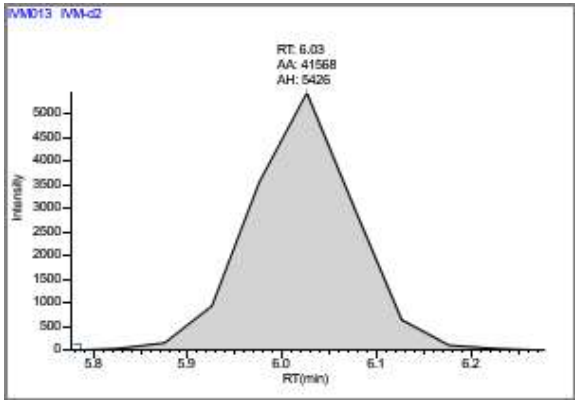
Layout updated. -DMP 9/16/2023

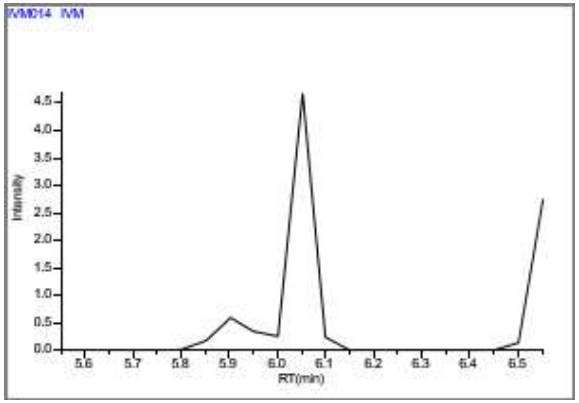
Quantis Plus (QP) Chromatograms

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #			
Batch:	IVM Feed Assay Val Set 1		

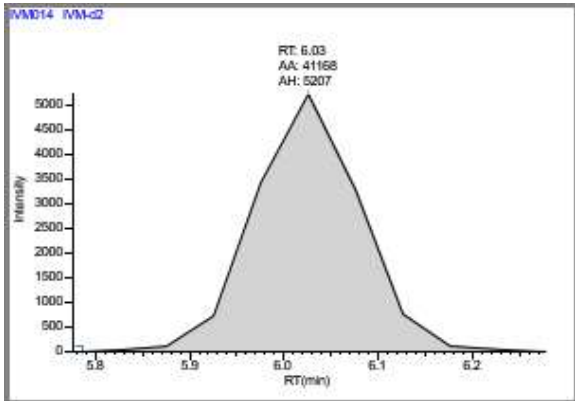
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM013**	**File Name:**	**IVM013**	**File Name:**	**IVM014**
Sample Name:	**Blank matrix-Cattle**	**Sample Name:**	**Blank matrix-Cattle**	**Sample Name:**	**Blank matrix-Deer**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

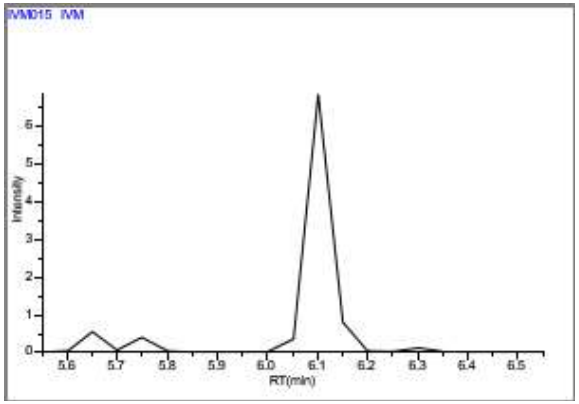


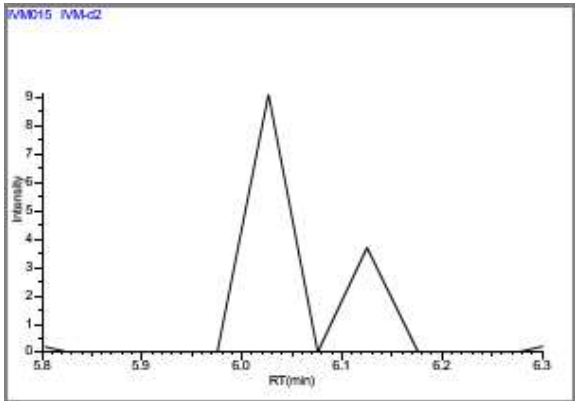




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM014**	**File Name:**	**IVM015**	**File Name:**	**IVM015**
Sample Name:	**Blank matrix-Deer**	**Sample Name:**	**BLK4**	**Sample Name:**	**BLK4**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







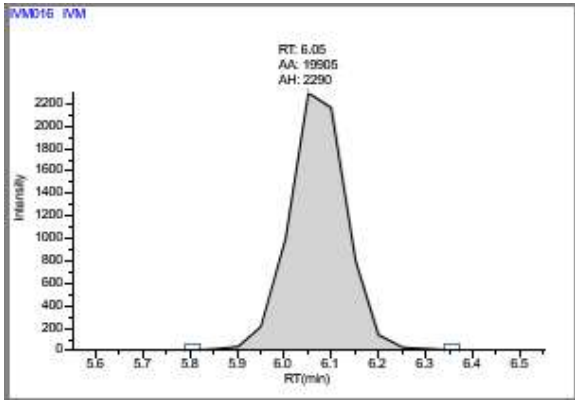
Layout updated. -DMP 9/16/2023

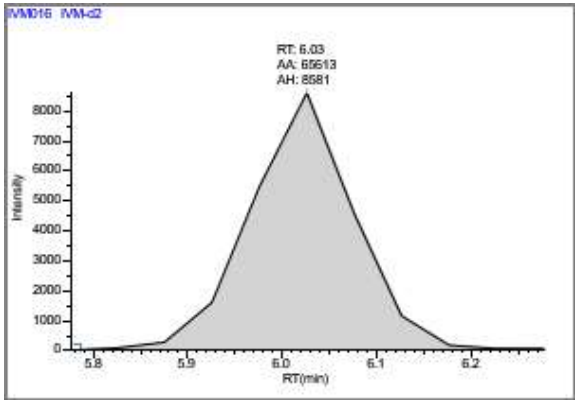
Quantis Plus (QP) Chromatograms

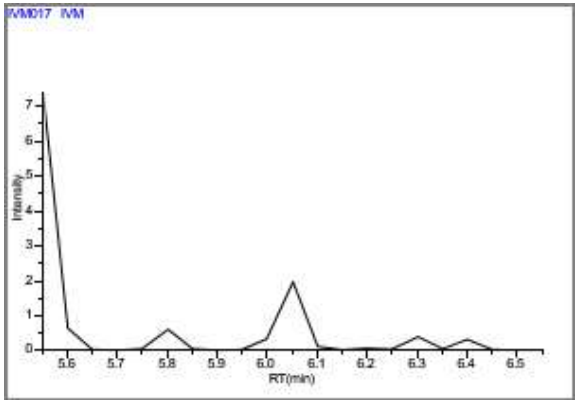
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 1

Method: IVM Feed
Acquire Date: 12/12/2025

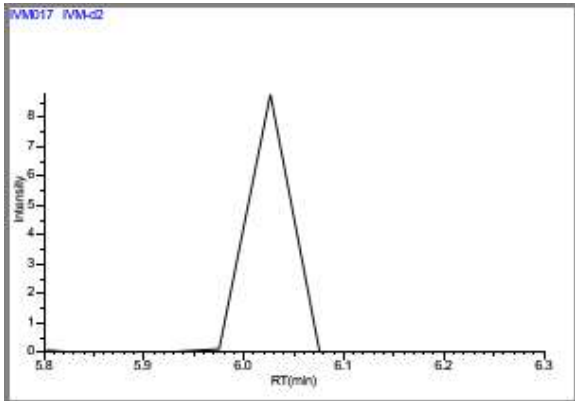
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM016	File Name:	IVM016	File Name:	IVM017
Sample Name:	LS	Sample Name:	LS	Sample Name:	BLK5
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE

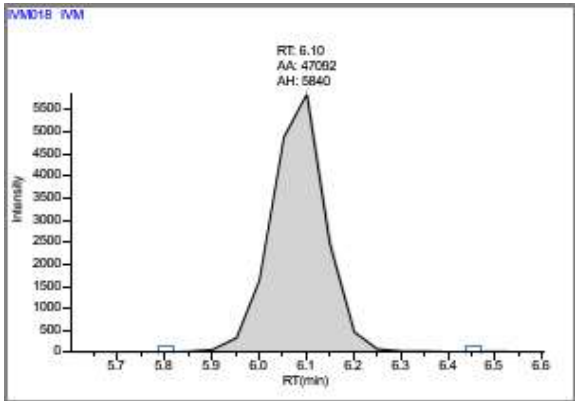


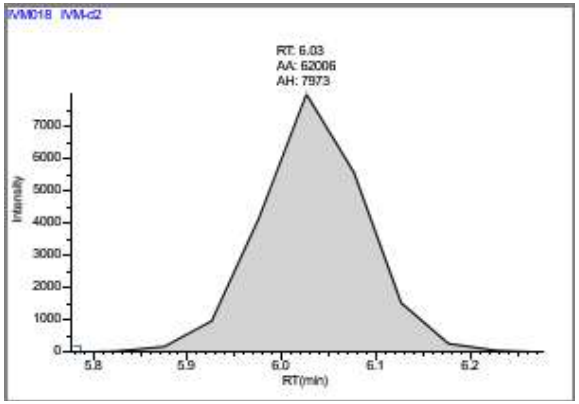




Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM017	File Name:	IVM018	File Name:	IVM018
Sample Name:	BLK5	Sample Name:	Sample 1	Sample Name:	Sample 1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE





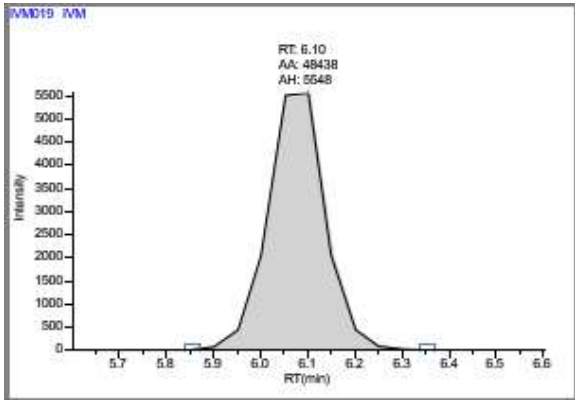


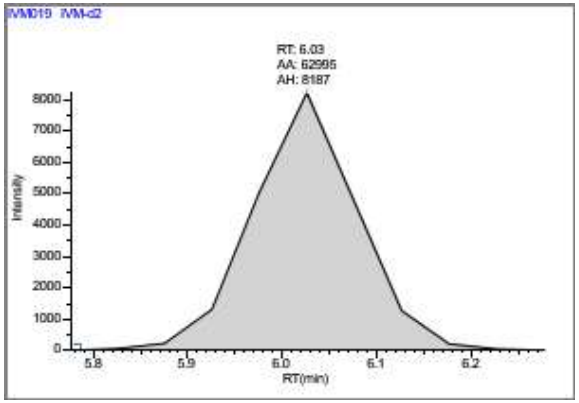
Layout updated. -DMP 9/16/2023

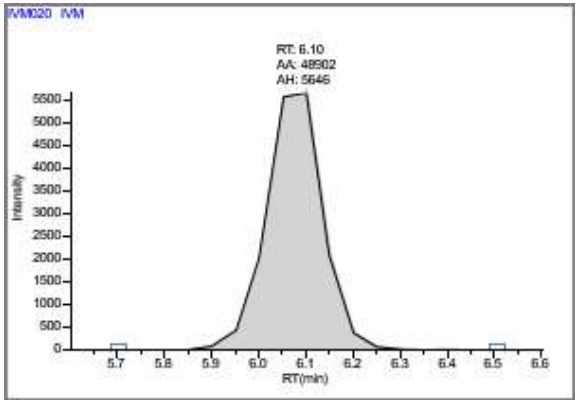
Quantis Plus (QP) Chromatograms

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #			
Batch:	IVM Feed Assay Val Set 1		

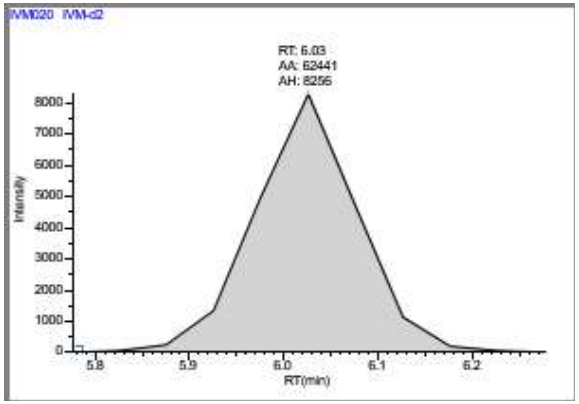
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM019**	**File Name:**	**IVM019**	**File Name:**	**IVM020**
Sample Name:	**Sample 2**	**Sample Name:**	**Sample 2**	**Sample Name:**	**Sample 3**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

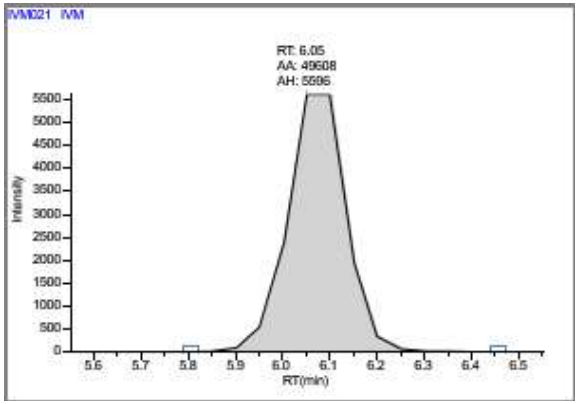


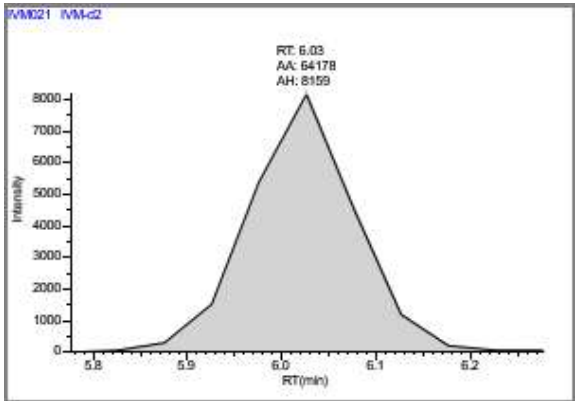




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM020**	**File Name:**	**IVM021**	**File Name:**	**IVM021**
Sample Name:	**Sample 3**	**Sample Name:**	**Sample 4**	**Sample Name:**	**Sample 4**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**



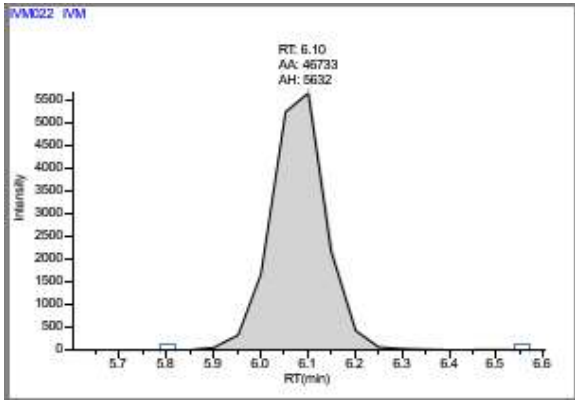


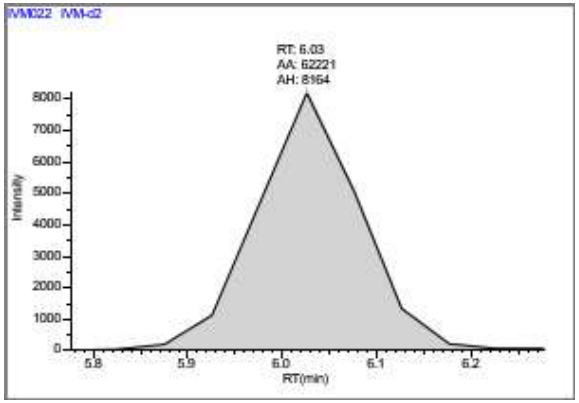


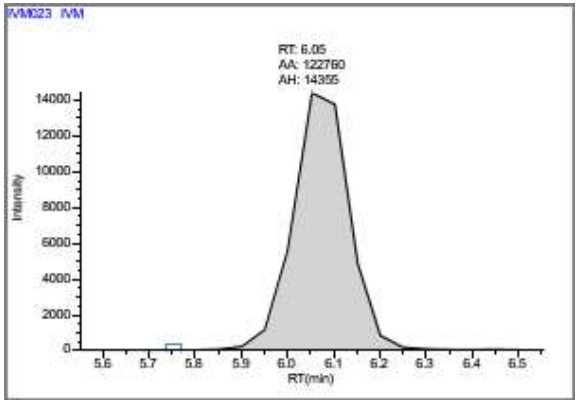
Quantis Plus (QP) Chromatograms

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #			
Batch:	IVM Feed Assay Val Set 1		

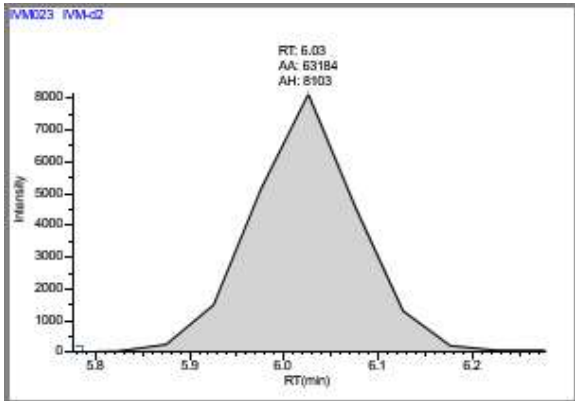
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM022**	**File Name:**	**IVM022**	**File Name:**	**IVM023**
Sample Name:	**Sample 5**	**Sample Name:**	**Sample 5**	**Sample Name:**	**Sample 6**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

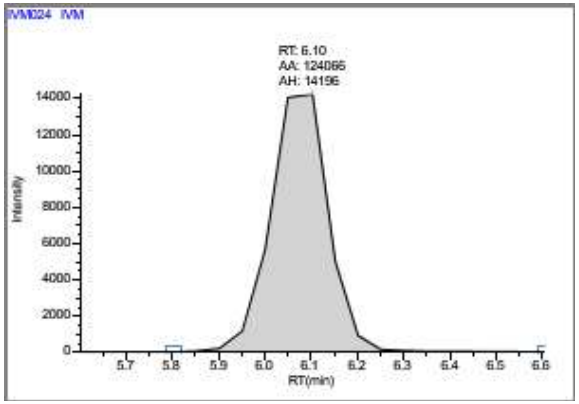


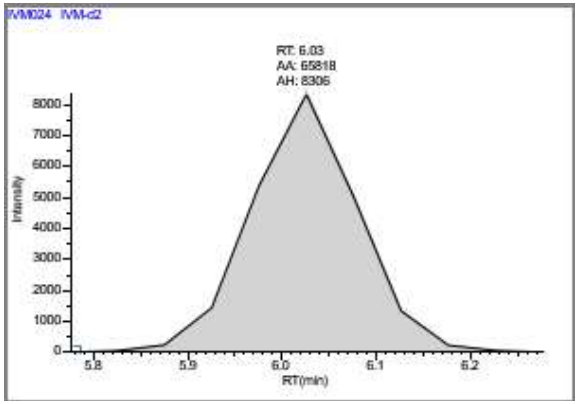




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM023**	**File Name:**	**IVM024**	**File Name:**	**IVM024**
Sample Name:	**Sample 6**	**Sample Name:**	**Sample 7**	**Sample Name:**	**Sample 7**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







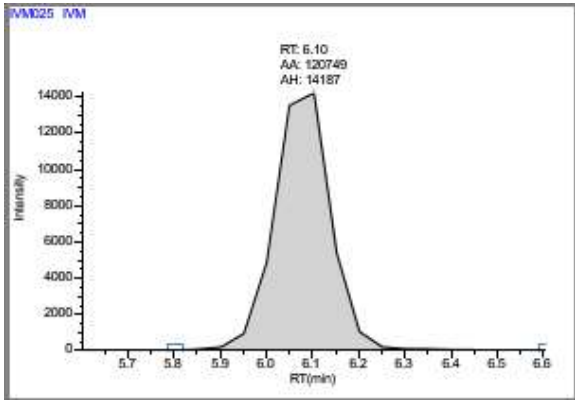
Layout updated. -DMP 9/16/2023

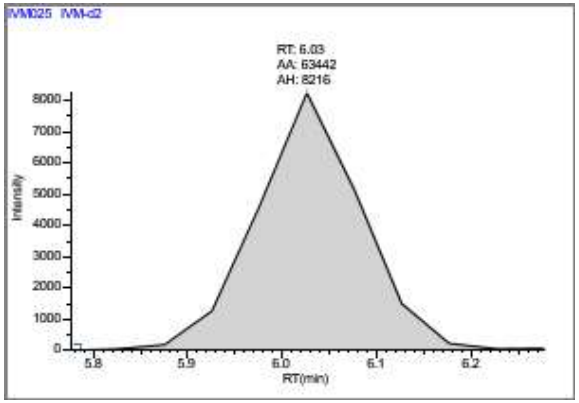
Quantis Plus (QP) Chromatograms

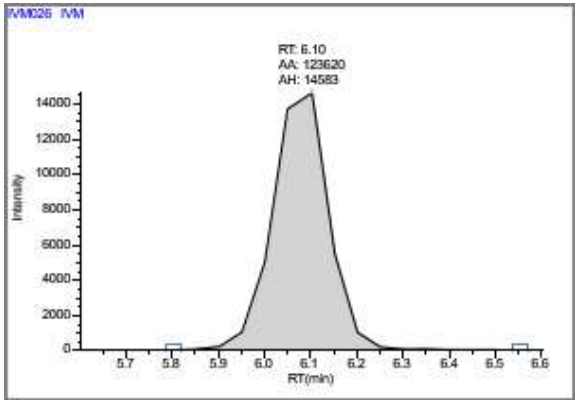
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 1

Method: IVM Feed
Acquire Date: 12/12/2025

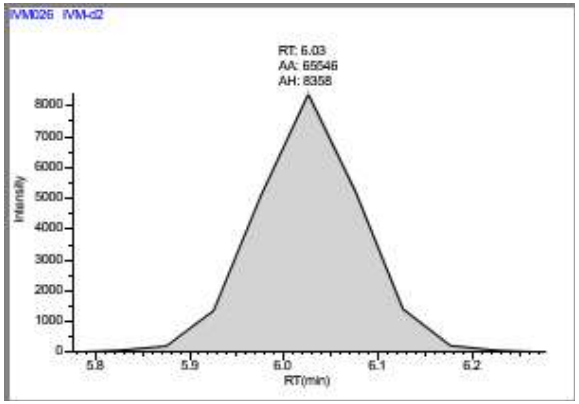
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM025	File Name:	IVM025	File Name:	IVM026
Sample Name:	Sample 8	Sample Name:	Sample 8	Sample Name:	Sample 9
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE

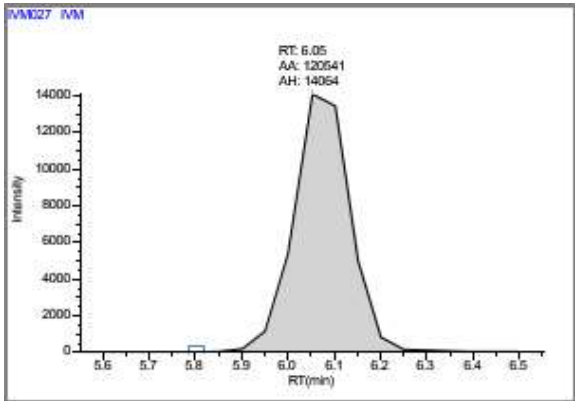


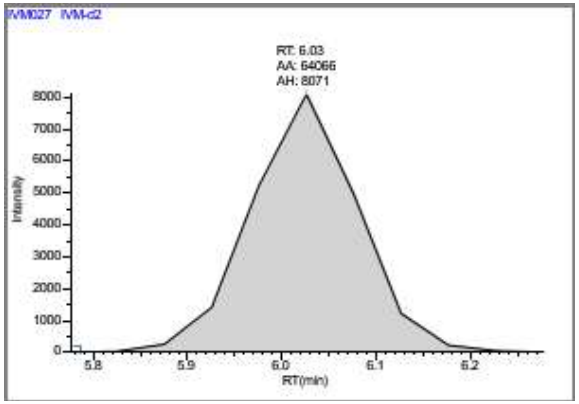




Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM026	File Name:	IVM027	File Name:	IVM027
Sample Name:	Sample 9	Sample Name:	Sample 10	Sample Name:	Sample 10
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE





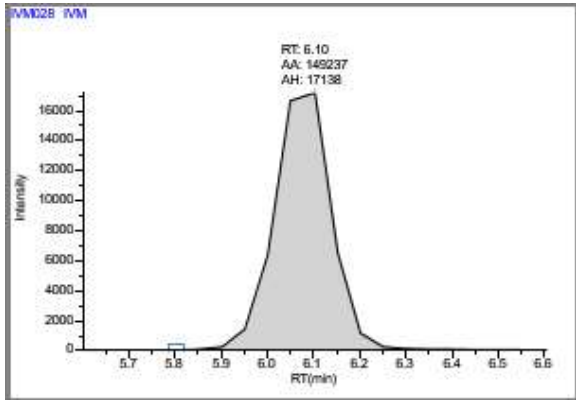


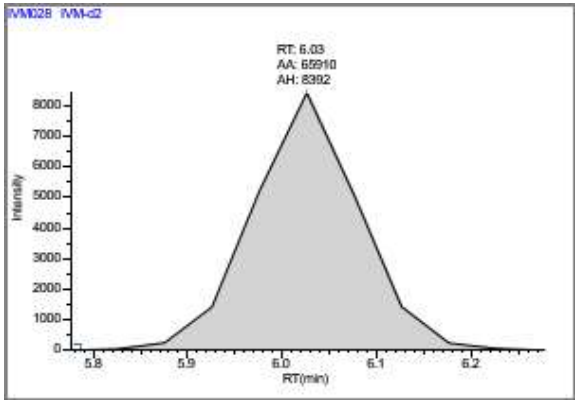
Layout updated. -DMP 9/16/2023

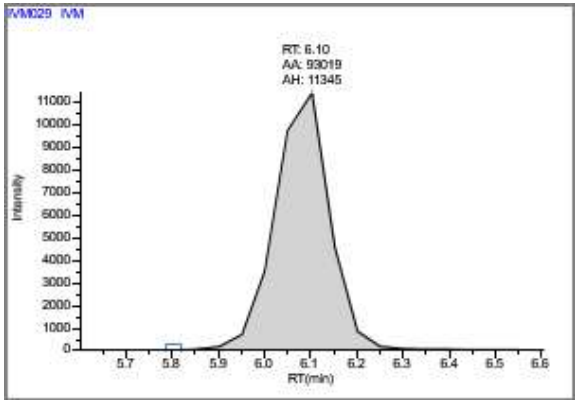
Quantis Plus (QP) Chromatograms

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #			
Batch:	IVM Feed Assay Val Set 1		

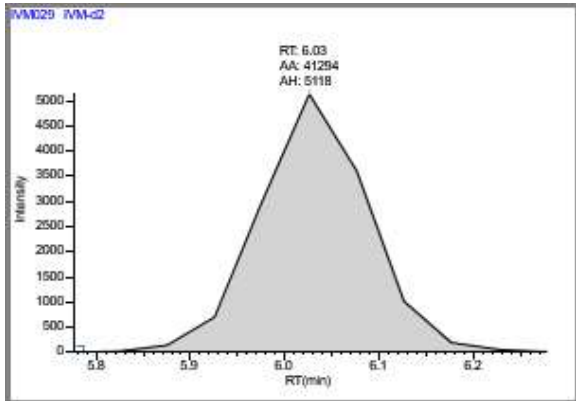
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM028**	**File Name:**	**IVM028**	**File Name:**	**IVM029**
Sample Name:	**Sample 11**	**Sample Name:**	**Sample 11**	**Sample Name:**	**Sample 12**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

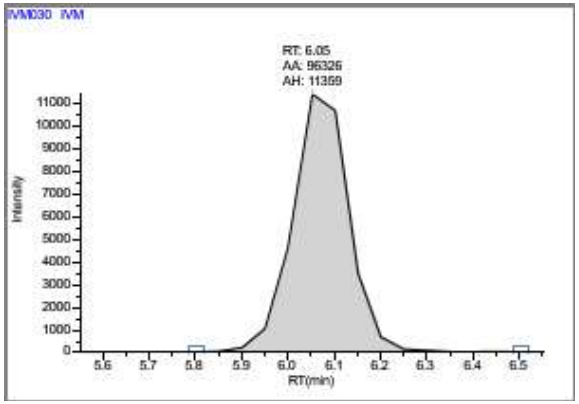


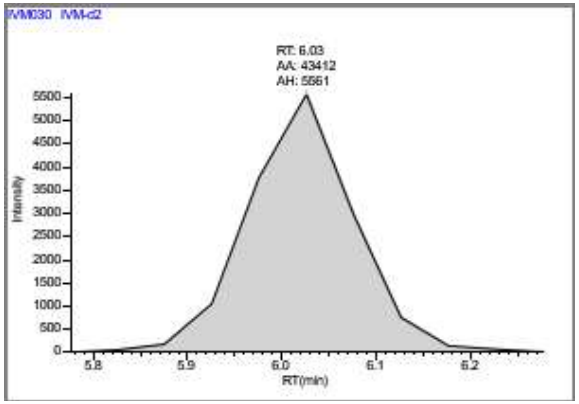




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM029**	**File Name:**	**IVM030**	**File Name:**	**IVM030**
Sample Name:	**Sample 12**	**Sample Name:**	**Sample 13**	**Sample Name:**	**Sample 13**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







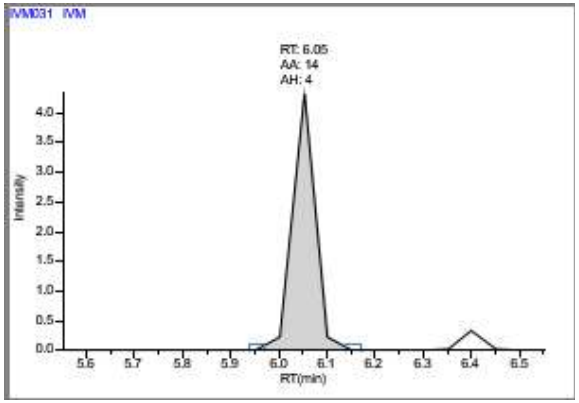
Layout updated. -DMP 9/16/2023

Quantis Plus (QP) Chromatograms

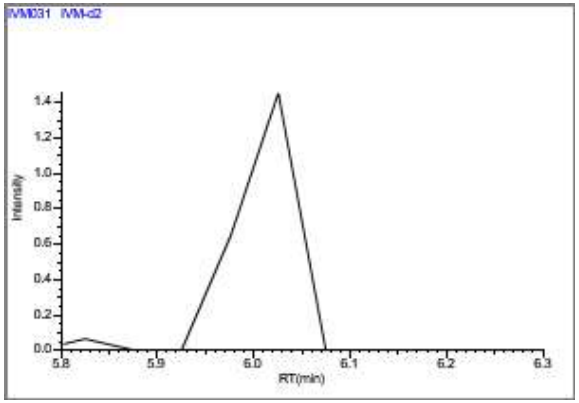
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 1

Method: IVM Feed
Acquire Date: 12/12/2025

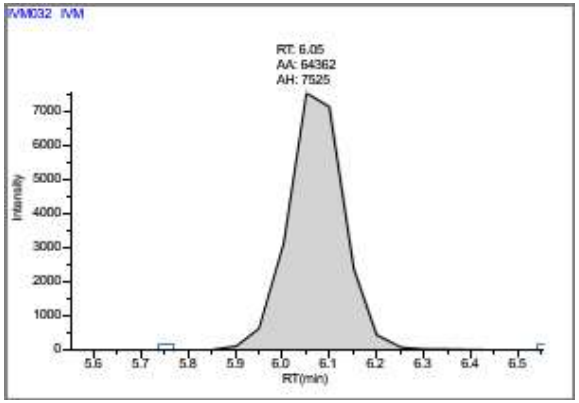
Compound Name:	IVM
File Name:	IVM031
Sample Name:	BLK6
Manipulated?	FALSE



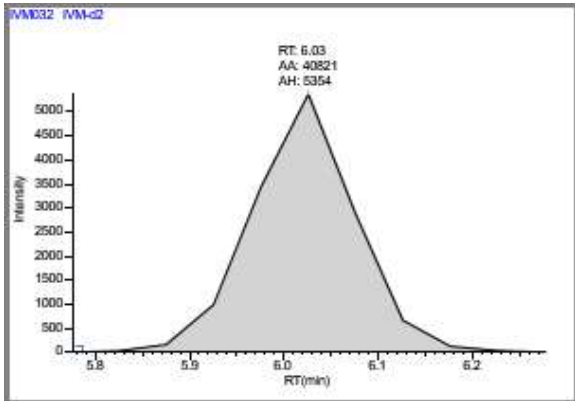
Compound Name:	IVM-d2
File Name:	IVM031
Sample Name:	BLK6
Manipulated?	FALSE



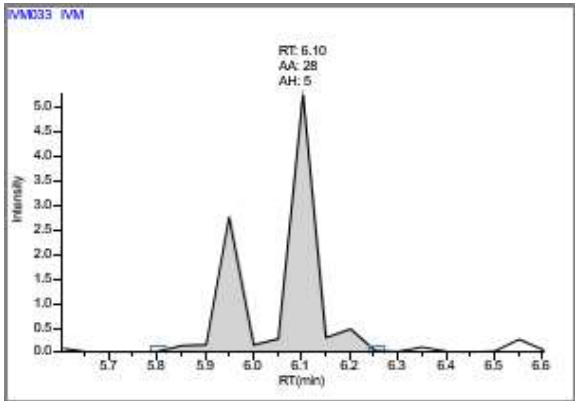
Compound Name:	IVM
File Name:	IVM032
Sample Name:	MS
Manipulated?	FALSE



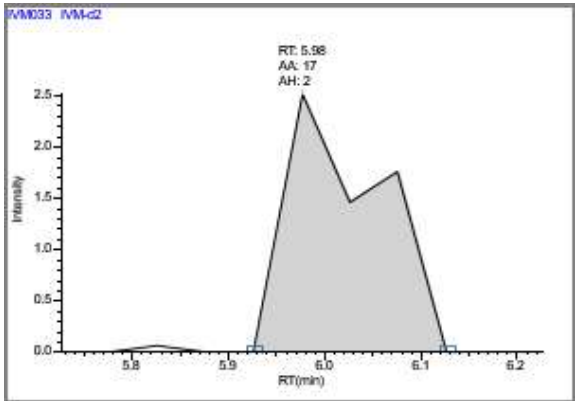
Compound Name:	IVM-d2
File Name:	IVM032
Sample Name:	MS
Manipulated?	FALSE



Compound Name:	IVM
File Name:	IVM033
Sample Name:	BLK7
Manipulated?	FALSE



Compound Name:	IVM-d2
File Name:	IVM033
Sample Name:	BLK7
Manipulated?	FALSE

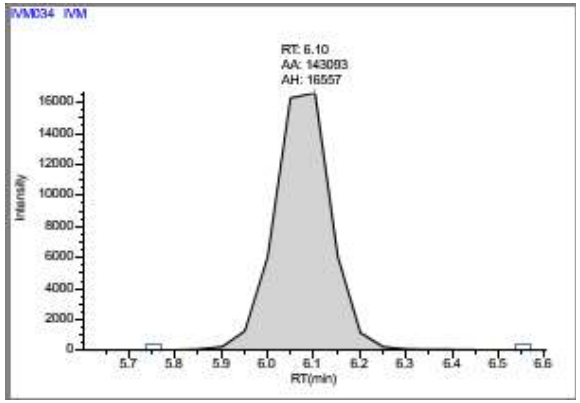


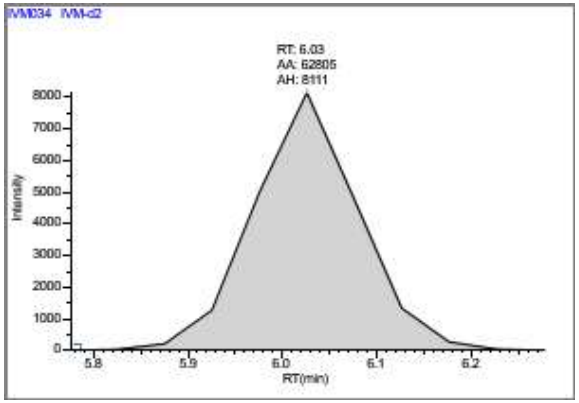
Layout updated. -DMP 9/16/2023

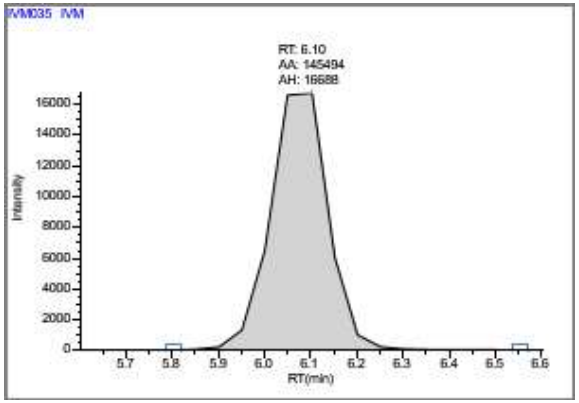
Quantis Plus (QP) Chromatograms

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #			
Batch:	IVM Feed Assay Val Set 1		

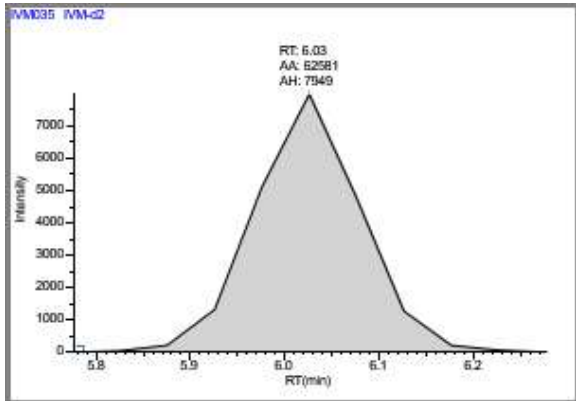
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM034**	**File Name:**	**IVM034**	**File Name:**	**IVM035**
Sample Name:	**Sample 14**	**Sample Name:**	**Sample 14**	**Sample Name:**	**Sample 15**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

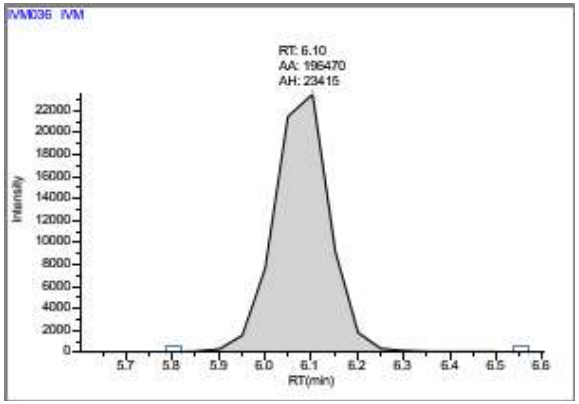


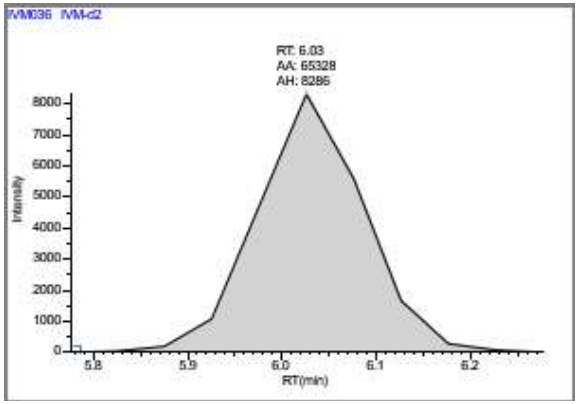




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM035**	**File Name:**	**IVM036**	**File Name:**	**IVM036**
Sample Name:	**Sample 15**	**Sample Name:**	**Sample 16**	**Sample Name:**	**Sample 16**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**





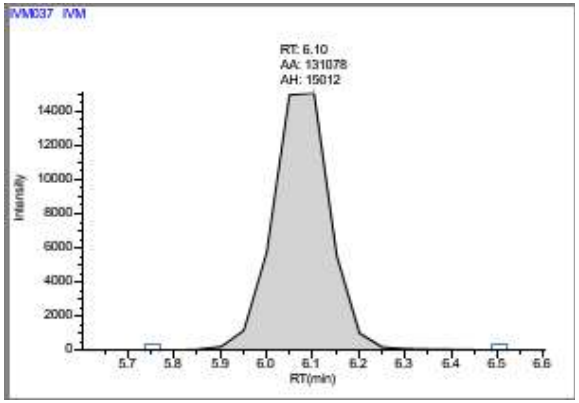


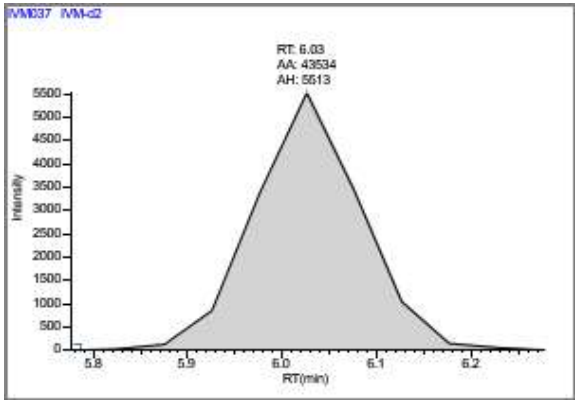
Layout updated. -DMP 9/16/2023

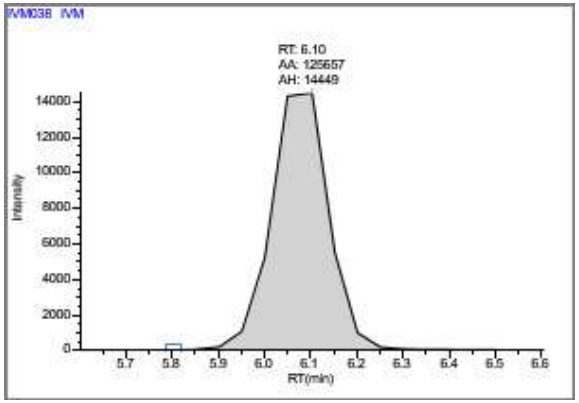
Quantis Plus (QP) Chromatograms

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #			
Batch:	IVM Feed Assay Val Set 1		

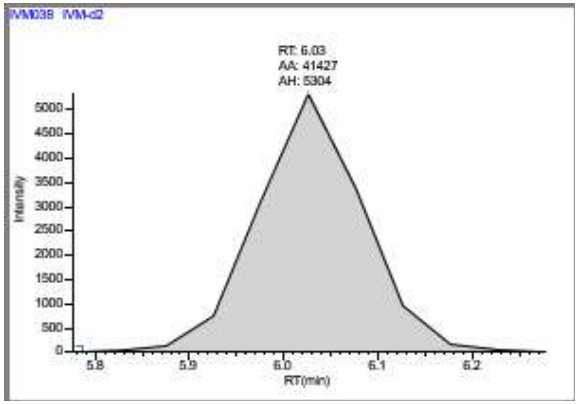
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM037**	**File Name:**	**IVM037**	**File Name:**	**IVM038**
Sample Name:	**Sample 17**	**Sample Name:**	**Sample 17**	**Sample Name:**	**Sample 18**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

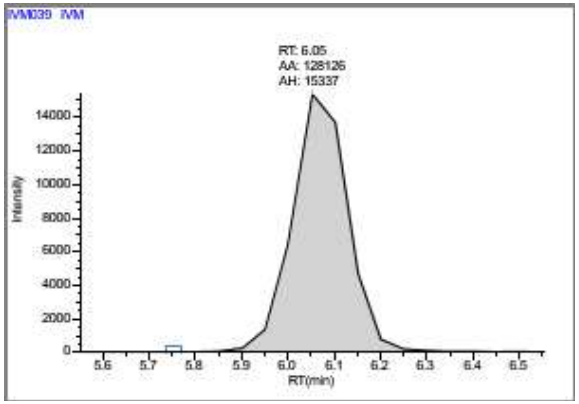


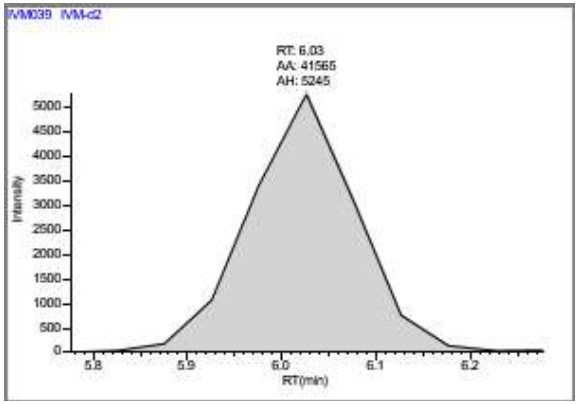




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM038**	**File Name:**	**IVM039**	**File Name:**	**IVM039**
Sample Name:	**Sample 18**	**Sample Name:**	**Sample 19**	**Sample Name:**	**Sample 19**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







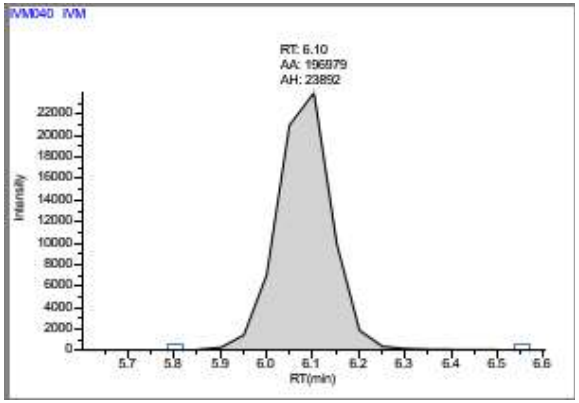
Layout updated. -DMP 9/16/2023

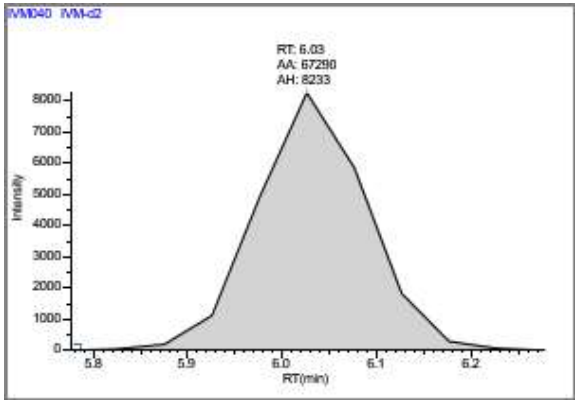
Quantis Plus (QP) Chromatograms

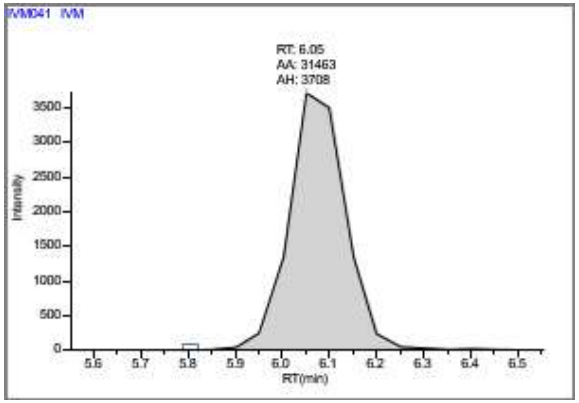
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 1

Method: IVM Feed
Acquire Date: 12/12/2025

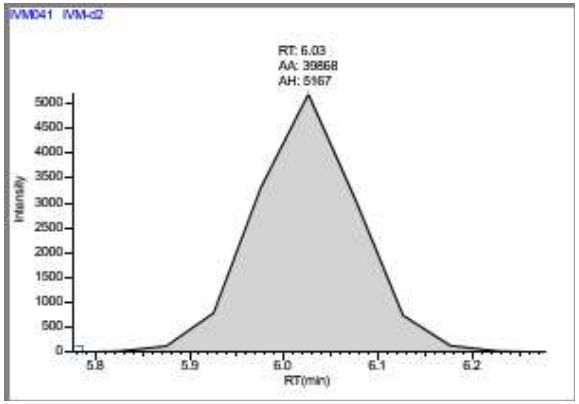
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM040	File Name:	IVM040	File Name:	IVM041
Sample Name:	Sample 20	Sample Name:	Sample 20	Sample Name:	Sample 21
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE

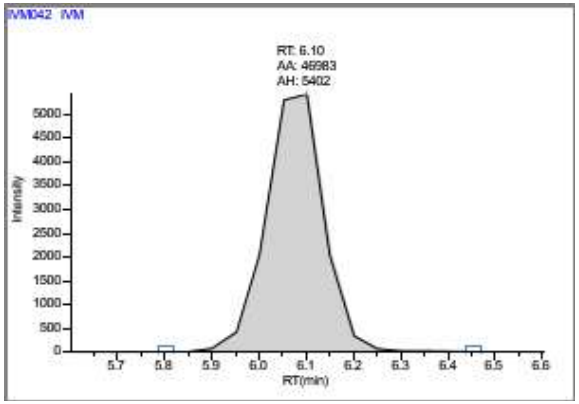


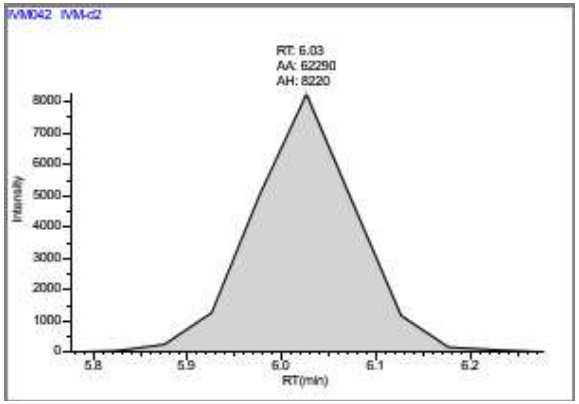




Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM041	File Name:	IVM042	File Name:	IVM042
Sample Name:	Sample 21	Sample Name:	Sample 22	Sample Name:	Sample 22
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE





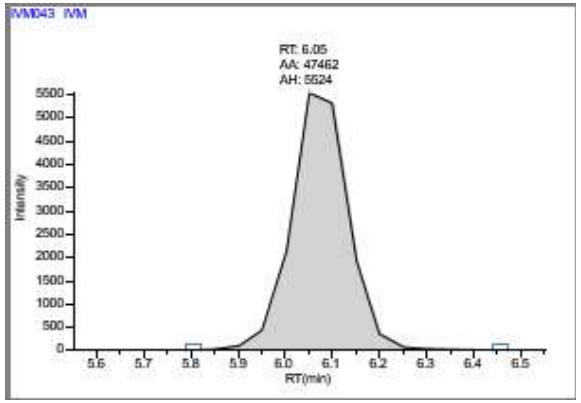


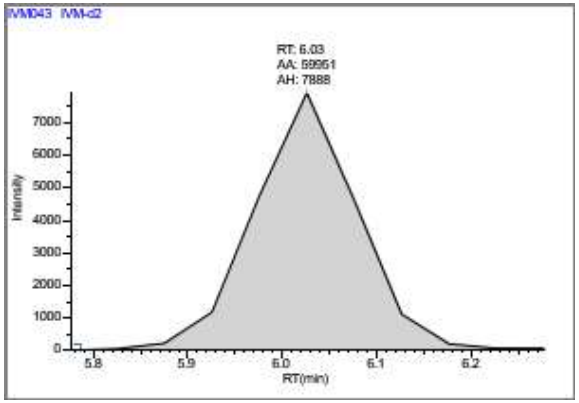
Layout updated. -DMP 9/16/2023

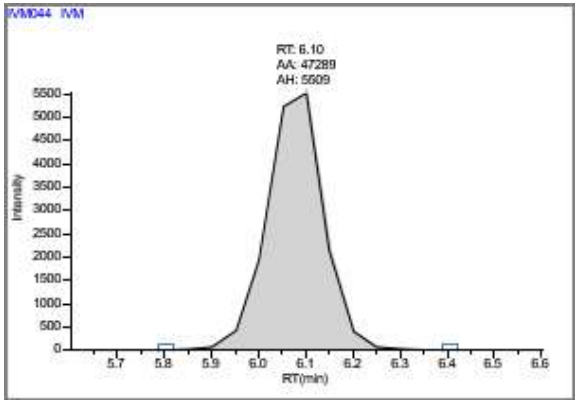
Quantis Plus (QP) Chromatograms

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #			
Batch:	IVM Feed Assay Val Set 1		

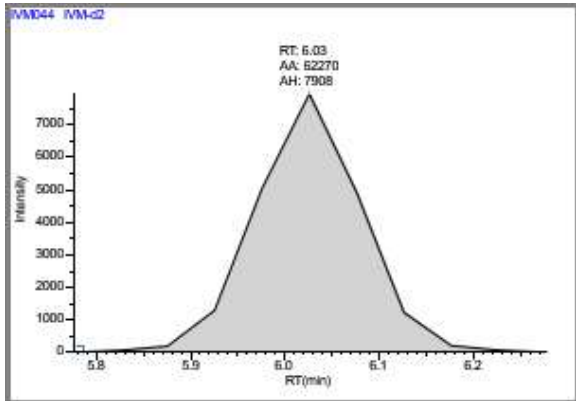
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM043**	**File Name:**	**IVM043**	**File Name:**	**IVM044**
Sample Name:	**Sample 23**	**Sample Name:**	**Sample 23**	**Sample Name:**	**Sample 24**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

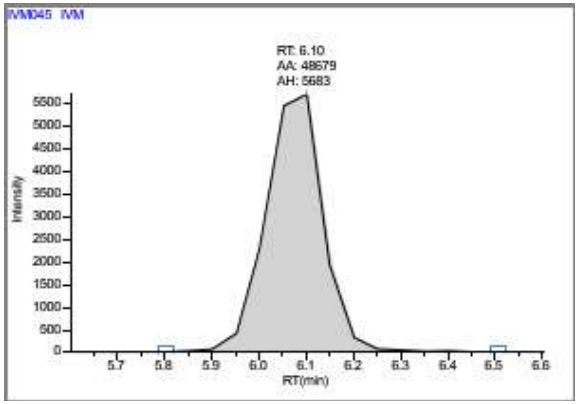


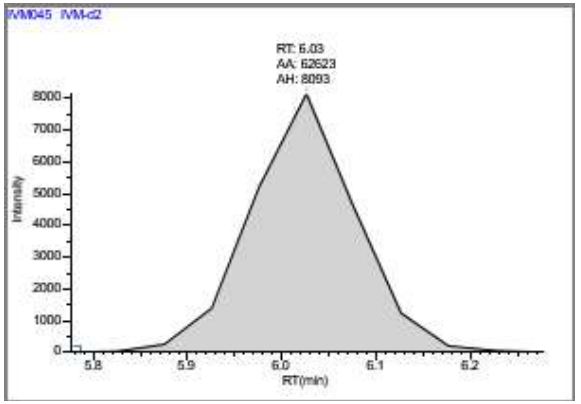




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM044**	**File Name:**	**IVM045**	**File Name:**	**IVM045**
Sample Name:	**Sample 24**	**Sample Name:**	**Sample 25**	**Sample Name:**	**Sample 25**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**





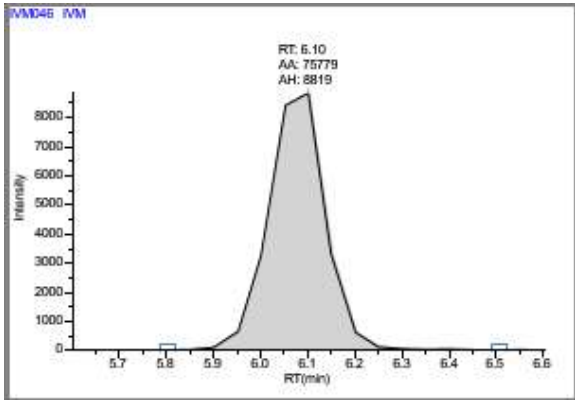


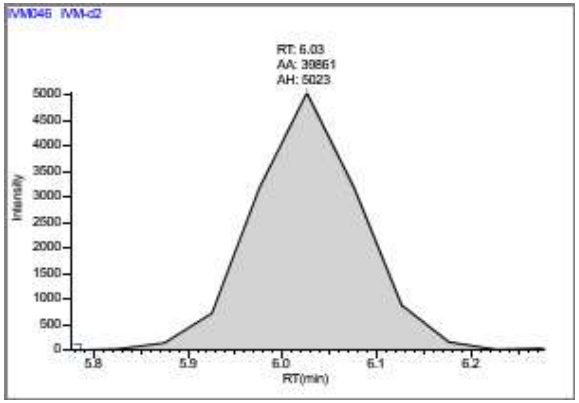
Layout updated. -DMP 9/16/2023

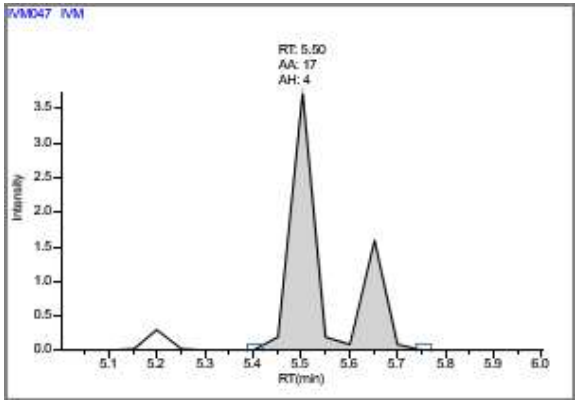
Quantis Plus (QP) Chromatograms

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #			
Batch:	IVM Feed Assay Val Set 1		

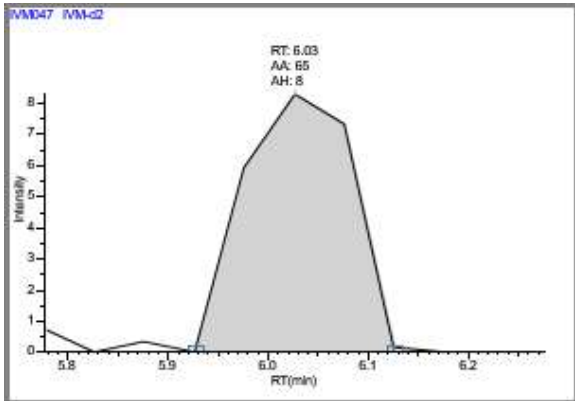
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM046**	**File Name:**	**IVM046**	**File Name:**	**IVM047**
Sample Name:	**Sample 26**	**Sample Name:**	**Sample 26**	**Sample Name:**	**BLK8**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

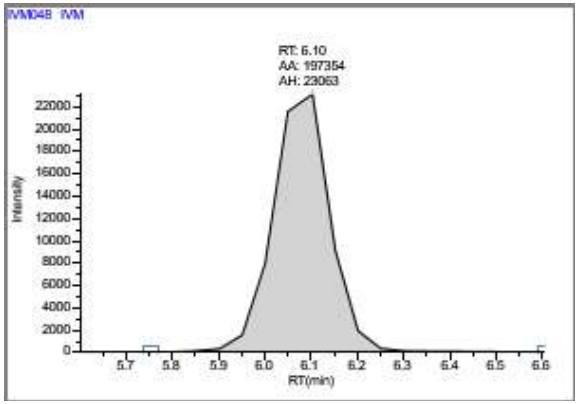


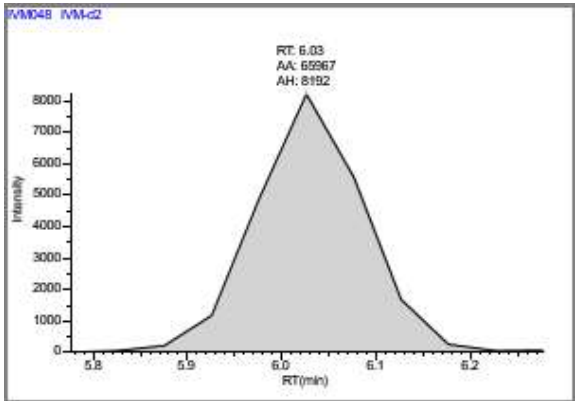




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM047**	**File Name:**	**IVM048**	**File Name:**	**IVM048**
Sample Name:	**BLK8**	**Sample Name:**	**HS**	**Sample Name:**	**HS**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**





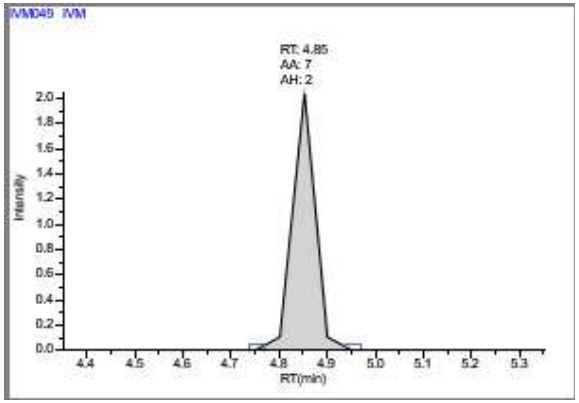


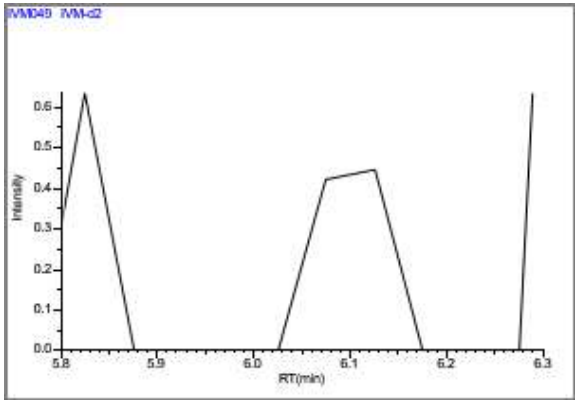
Layout updated. -DMP 9/16/2023

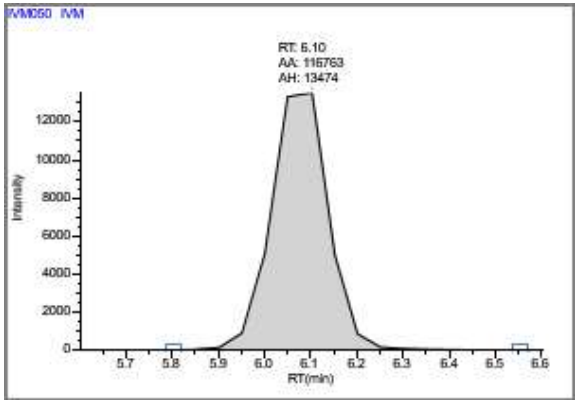
Quantis Plus (QP) Chromatograms

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #			
Batch:	IVM Feed Assay Val Set 1		

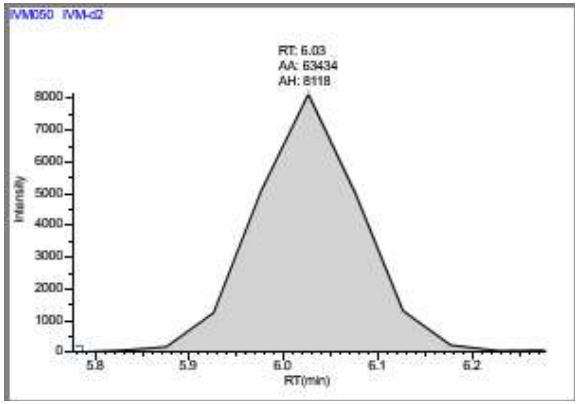
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM049**	**File Name:**	**IVM049**	**File Name:**	**IVM050**
Sample Name:	**BLK9**	**Sample Name:**	**BLK9**	**Sample Name:**	**Sample 27**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

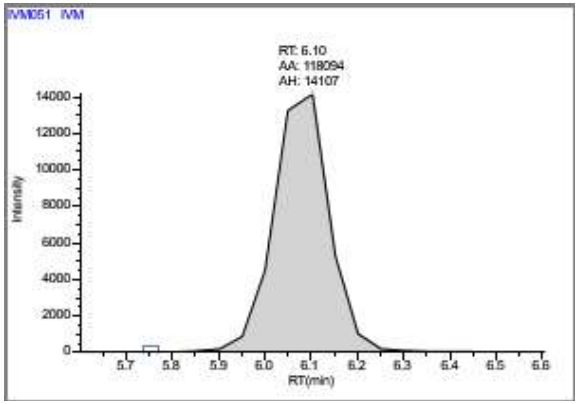


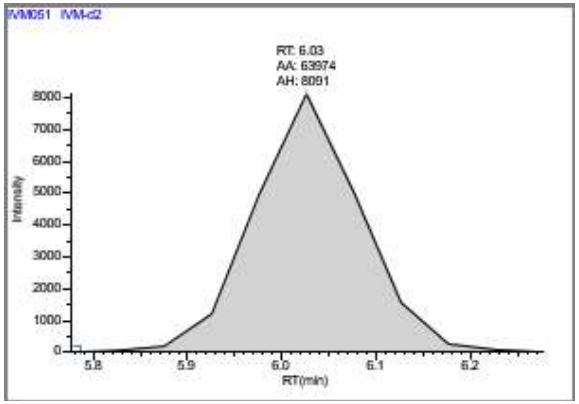




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM050**	**File Name:**	**IVM051**	**File Name:**	**IVM051**
Sample Name:	**Sample 27**	**Sample Name:**	**Sample 28**	**Sample Name:**	**Sample 28**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**





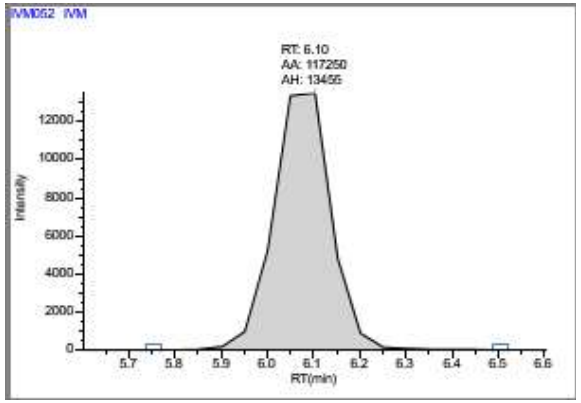


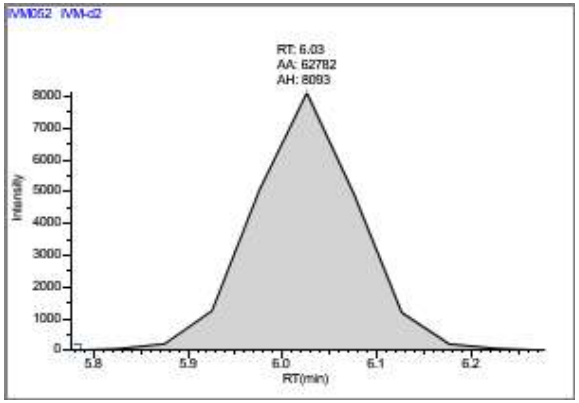
Layout updated. -DMP 9/16/2023

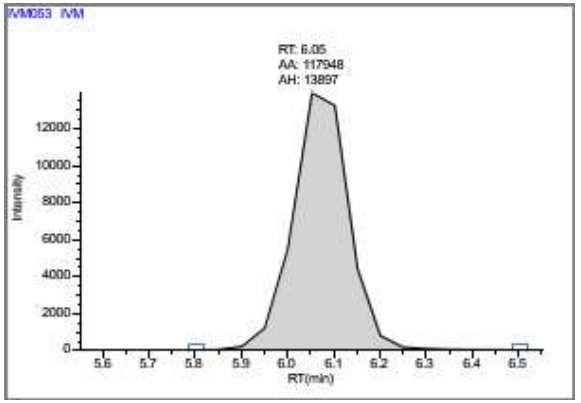
Quantis Plus (QP) Chromatograms

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #			
Batch:	IVM Feed Assay Val Set 1		

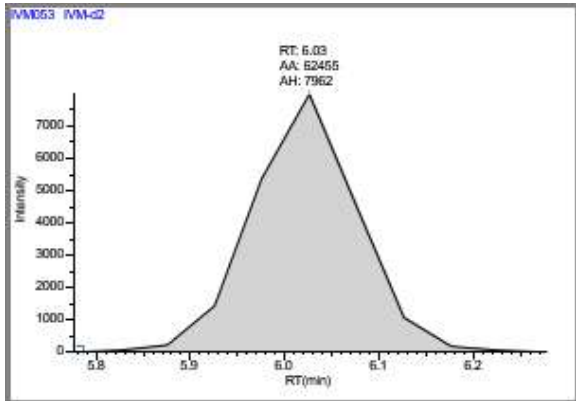
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM052**	**File Name:**	**IVM052**	**File Name:**	**IVM053**
Sample Name:	**Sample 29**	**Sample Name:**	**Sample 29**	**Sample Name:**	**Sample 30**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

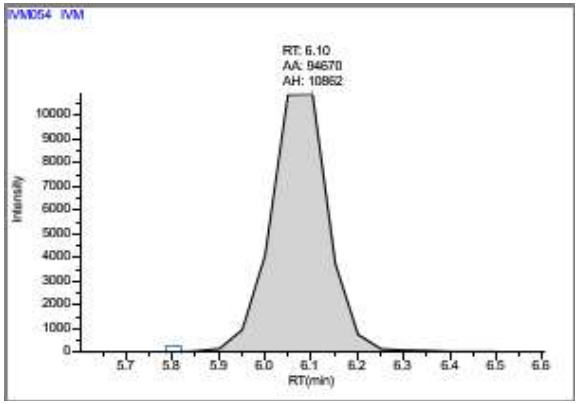


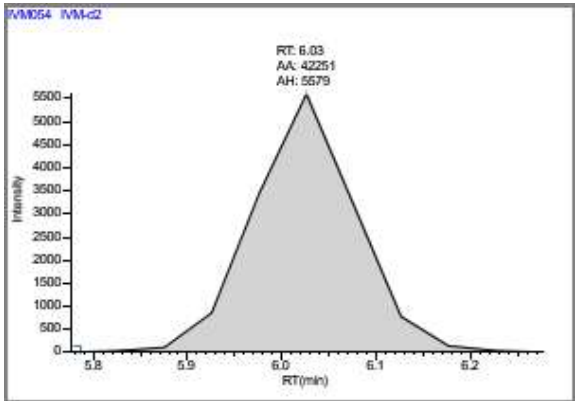




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM053**	**File Name:**	**IVM054**	**File Name:**	**IVM054**
Sample Name:	**Sample 30**	**Sample Name:**	**Sample 31**	**Sample Name:**	**Sample 31**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**





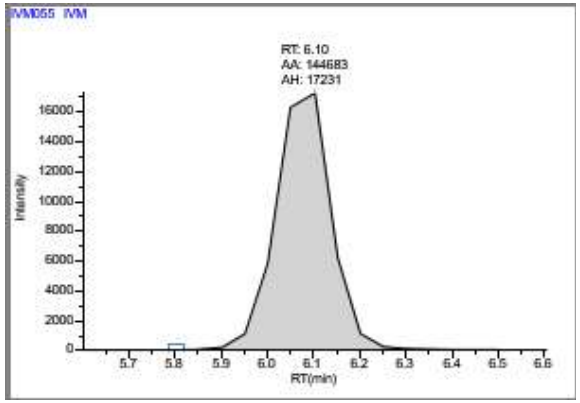


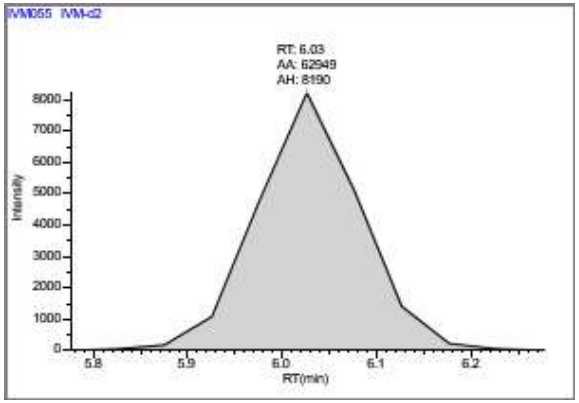
Layout updated. -DMP 9/16/2023

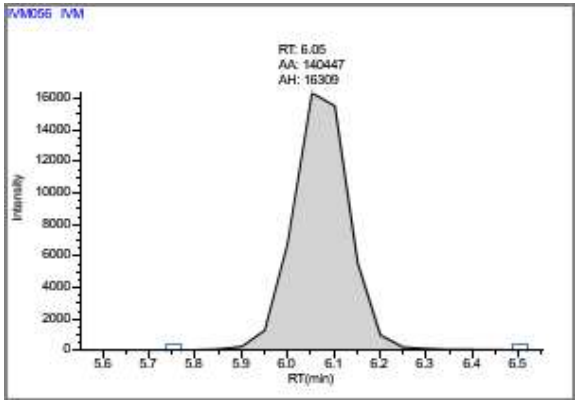
Quantis Plus (QP) Chromatograms

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #			
Batch:	IVM Feed Assay Val Set 1		

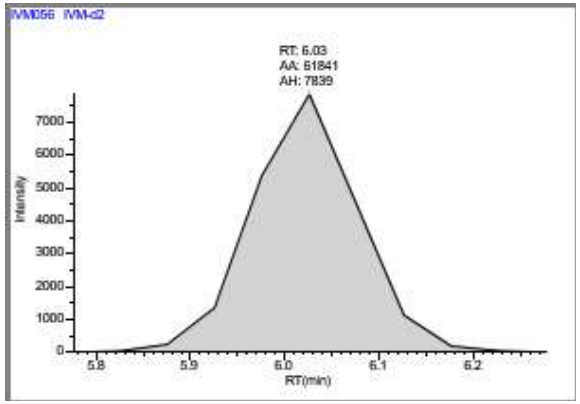
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM055**	**File Name:**	**IVM055**	**File Name:**	**IVM056**
Sample Name:	**Sample 32**	**Sample Name:**	**Sample 32**	**Sample Name:**	**Sample 33**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

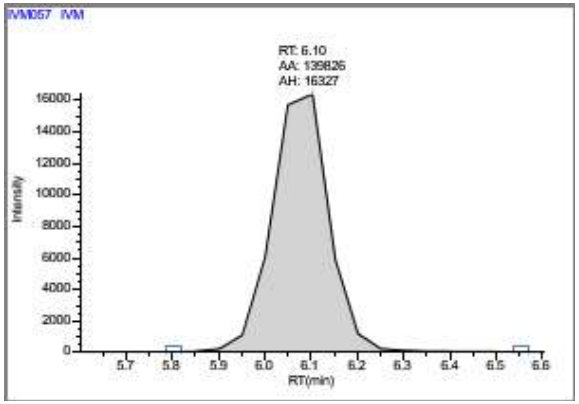


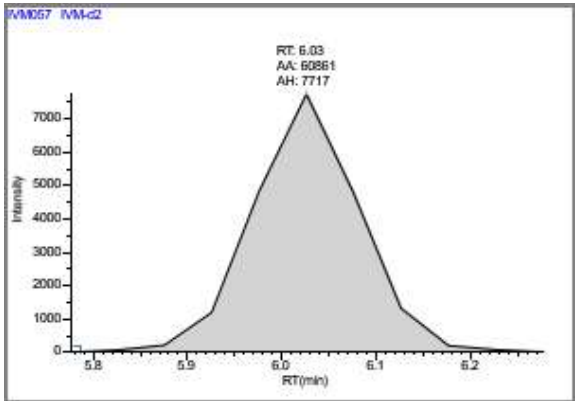




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM056**	**File Name:**	**IVM057**	**File Name:**	**IVM057**
Sample Name:	**Sample 33**	**Sample Name:**	**Sample 34**	**Sample Name:**	**Sample 34**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**





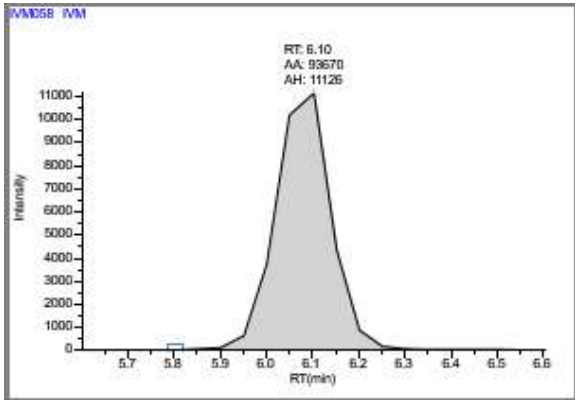


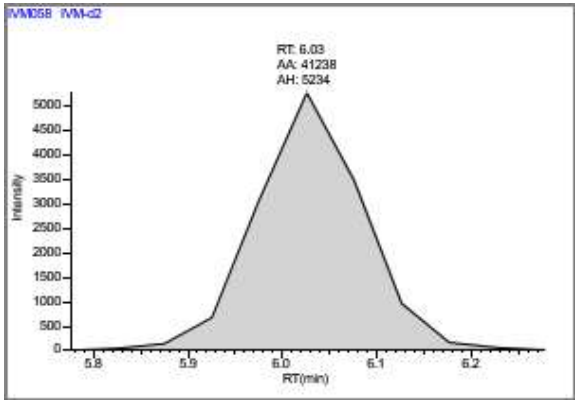
Layout updated. -DMP 9/16/2023

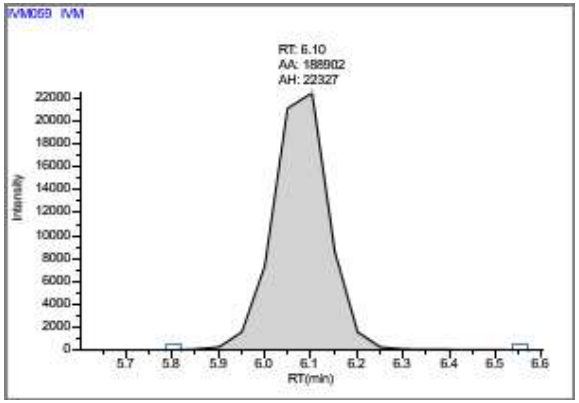
Quantis Plus (QP) Chromatograms

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #			
Batch:	IVM Feed Assay Val Set 1		

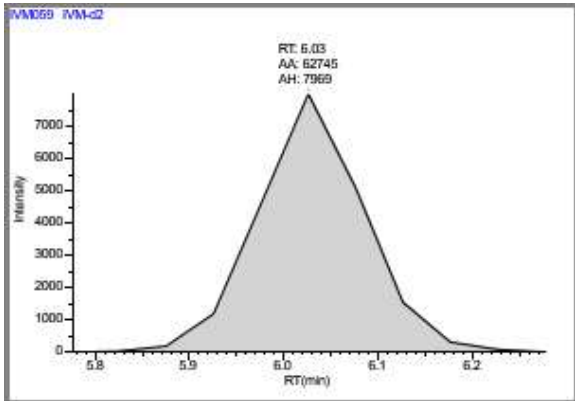
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM058**	**File Name:**	**IVM058**	**File Name:**	**IVM059**
Sample Name:	**Sample 35**	**Sample Name:**	**Sample 35**	**Sample Name:**	**Sample 36**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

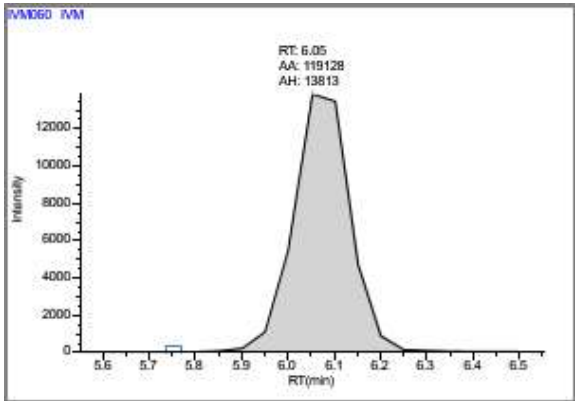


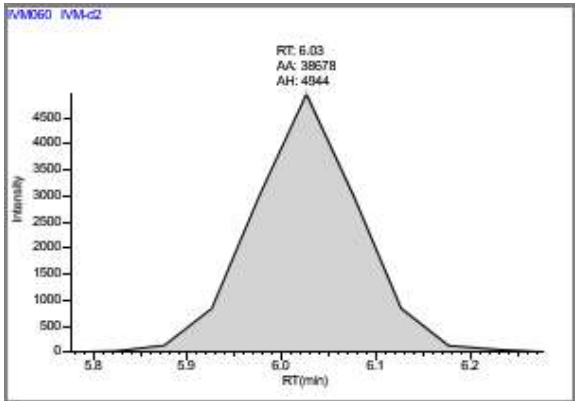




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM059**	**File Name:**	**IVM060**	**File Name:**	**IVM060**
Sample Name:	**Sample 36**	**Sample Name:**	**Sample 37**	**Sample Name:**	**Sample 37**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**





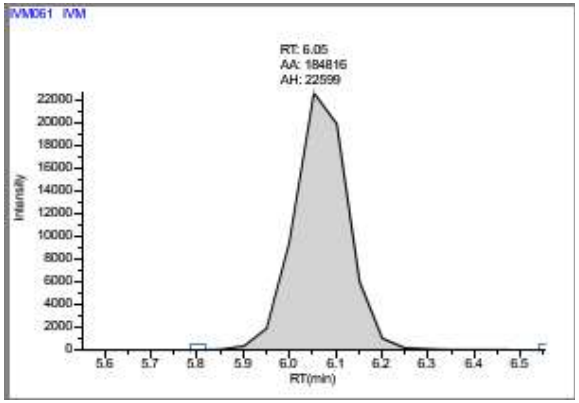


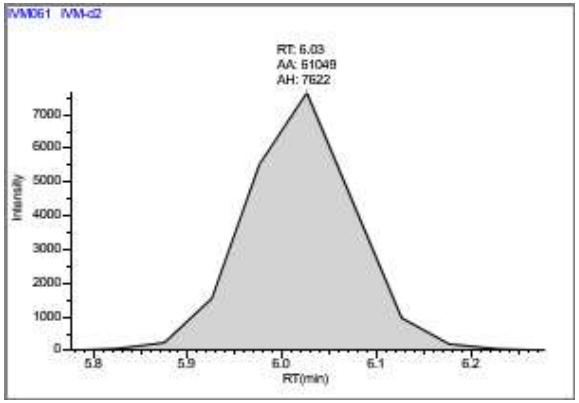
Layout updated. -DMP 9/16/2023

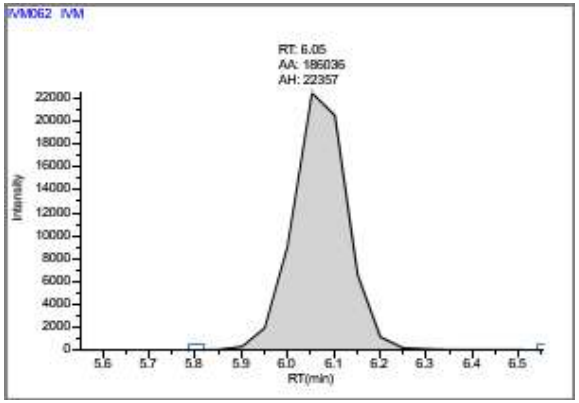
Quantis Plus (QP) Chromatograms

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #			
Batch:	IVM Feed Assay Val Set 1		

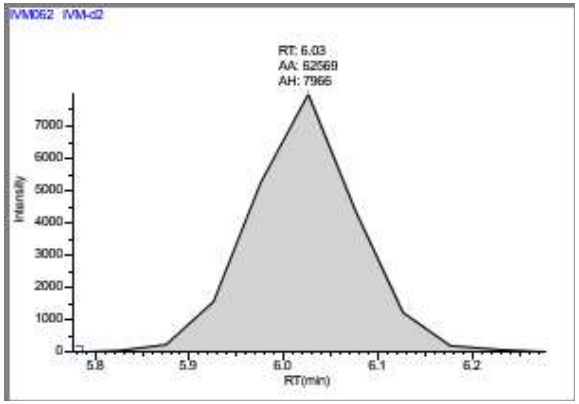
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM061**	**File Name:**	**IVM061**	**File Name:**	**IVM062**
Sample Name:	**Sample 38**	**Sample Name:**	**Sample 38**	**Sample Name:**	**Sample 39**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

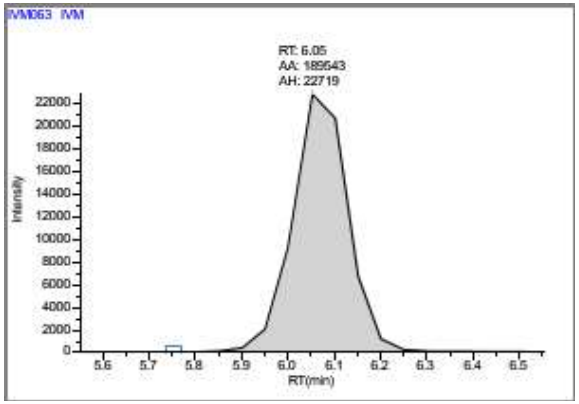


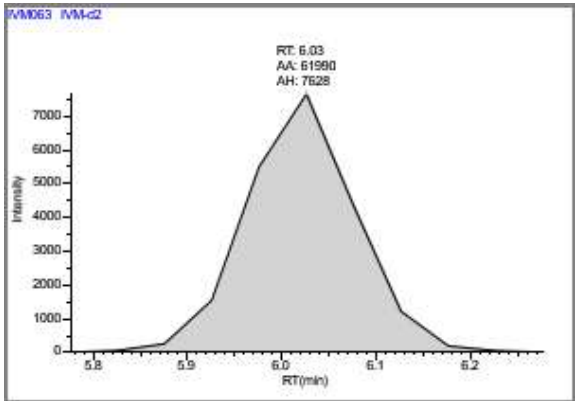




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM062**	**File Name:**	**IVM063**	**File Name:**	**IVM063**
Sample Name:	**Sample 39**	**Sample Name:**	**Sample 40**	**Sample Name:**	**Sample 40**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**





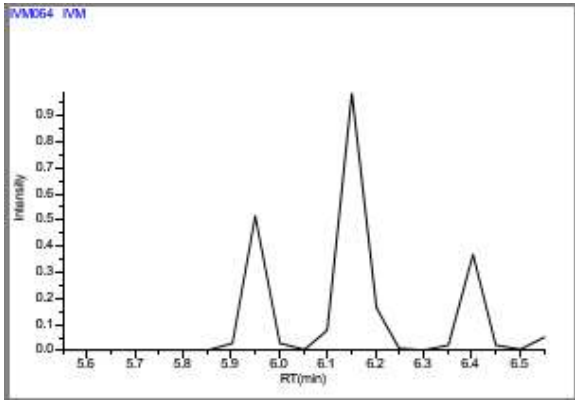


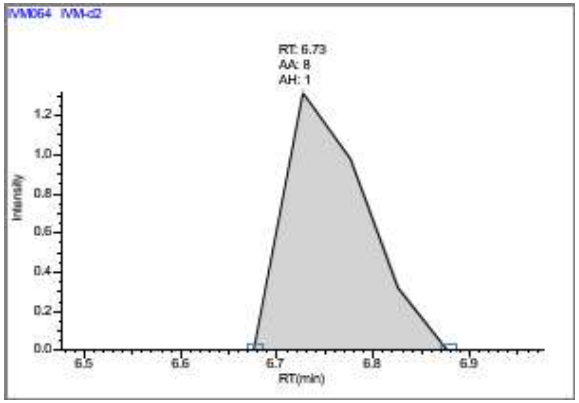
Layout updated. -DMP 9/16/2023

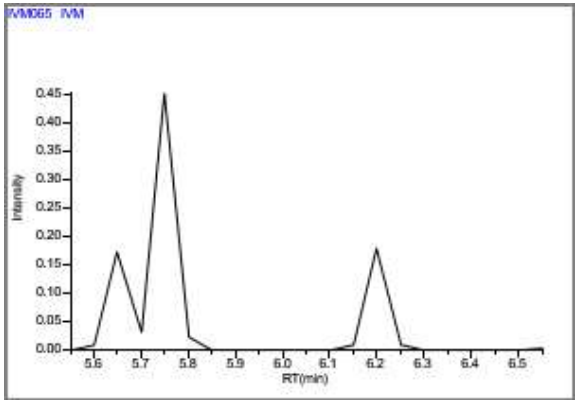
Quantis Plus (QP) Chromatograms

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/12/2025
SOP #			
Batch:	IVM Feed Assay Val Set 1		

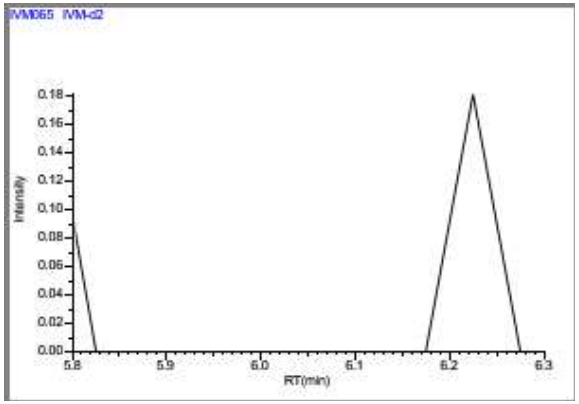
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM064**	**File Name:**	**IVM064**	**File Name:**	**IVM065**
Sample Name:	**BLK10**	**Sample Name:**	**BLK10**	**Sample Name:**	**BLK11**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







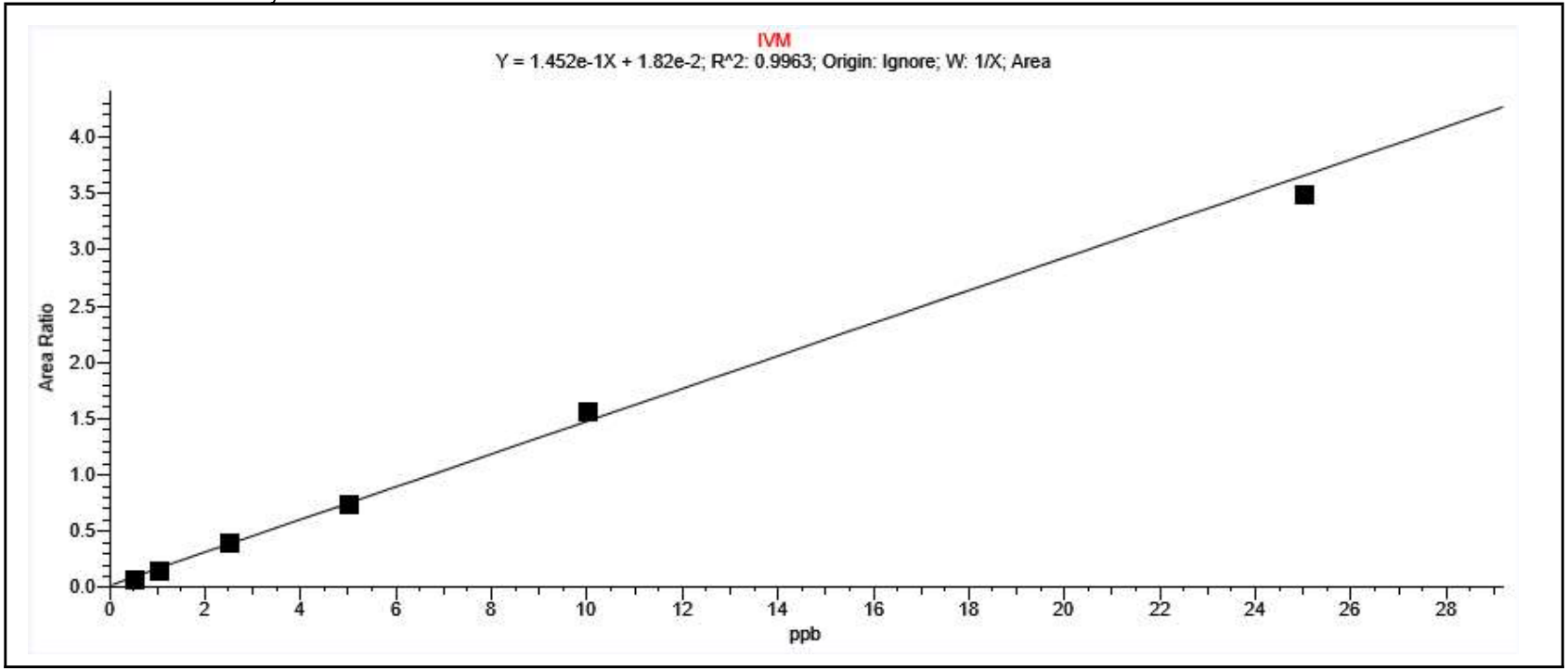
Compound Name:	**IVM-d2**
File Name:	**IVM065**
Sample Name:	**BLK11**
Manipulated?	**FALSE**



Layout updated. -DMP 9/16/2023

Quantis Plus (QP) Calibration curves

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Date Acquired:**	12/12/2025
SOP #		**Slope:**	1.4520E-01
Batch:	IVM Feed Assay Val Set 1		



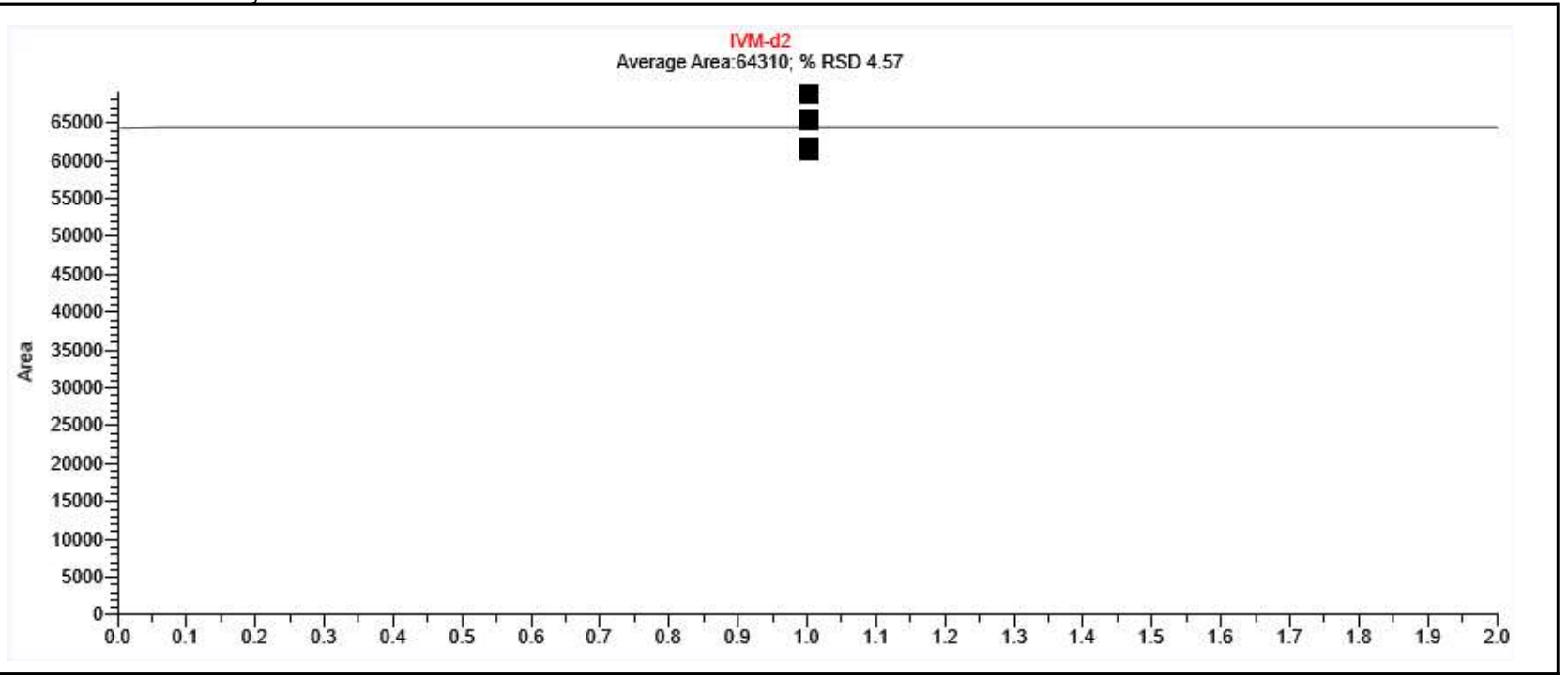
Level	Sample File	Response	Level Amount (ng/mL)	Calculated Amount (ng/mL)	Amount Diff	Is Active	Is Excluded	Manual Flag
1	IVM006	4897	0.500	0.419	-16.12	True	False	
2	IVM007	10416	1.000	1.031	3.09	True	False	
3	IVM008	25100	2.500	2.679	7.17	True	False	
4	IVM009	50020	5.000	5.110	2.21	True	False	
5	IVM010	103808	10.000	10.770	7.70	True	False	
6	IVM011	241366	25.000	23.991	-4.04	True	False	

Layout updated. -DMP 9/16/2023

Quantis Plus (QP) Calibration curves

Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 1

Method: IVM Feed
Date Acquired: 12/12/2025
Slope:



Level	Sample File	Response	Level Amount (ng/mL)	Calculated Amount (ng/mL)	Amount Diff	Is Active	Is Excluded	Manual Flag
1	IVM006	61905	1.000	0.000	0.00	True	False	
2	IVM007	62027	1.000	0.000	0.00	True	False	
3	IVM008	61625	1.000	0.000	0.00	True	False	
4	IVM009	65782	1.000	0.000	0.00	True	False	
5	IVM010	65607	1.000	0.000	0.00	True	False	
6	IVM011	68915	1.000	0.000	0.00	True	False	

Layout updated. -DMP 9/16/2023

Quantis Plus (QP) IVM Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/13/2025
SOP #:		**Analyte:**	Ivermectin
Batch:	IVM Feed Assay Val Set 2		

Sample Raw File Name	Sample Name	Retention Time	Peak Area	ISTD Area	Theoretical Amount (ng/mL)	Calculated Amount (ng/mL)	Percent Difference %
IVM001	BLK1	N/F	0.00	5	N/A	N/F	N/A
IVM002	STD 3 CHECK 1	6.05	27517.78	72978	N/A	2.641	N/A
IVM003	STD 3 CHECK 2	6.05	23283.46	61399	N/A	2.656	N/A
IVM004	STD 3 CHECK 3	6.05	22656.37	58475	N/A	2.715	N/A
IVM005	BLK2	6.60	9.64	64	N/A	1.019	N/A
IVM006	STD 1	6.05	4669.05	62360	0.50	0.475	-4.900
IVM007	STD 2	6.05	9166.07	61457	1.00	1.008	0.770
IVM008	STD 3	6.05	22046.12	57775	2.50	2.673	6.920
IVM009	STD 4	6.05	42868.63	62014	5.00	4.892	-2.160
IVM010	STD 5	6.05	92108.08	66066	10.00	9.928	-0.720
IVM011	STD 6	6.05	227526.72	64987	25.00	25.024	0.100
IVM012	BLK3	7.30	33.23	N/F	N/A	N/A	N/A
IVM013	Cattle Feed Matrix-1	6.10	139.10	71022	N/A	-0.047	N/A
IVM014	Cattle Feed Matrix-2	6.00	144.62	79085	N/A	-0.048	N/A
IVM015	BLK4	7.00	10.87	N/F	N/A	N/A	N/A
IVM016	LS	6.05	15965.28	63545	2.00	1.739	-13.040
IVM017	BLK5	N/F	0.00	N/F	N/A	N/F	N/A
IVM018	Sample 1	6.05	46376.89	65209	N/A	5.035	N/A
IVM019	Sample 2	6.05	29407.62	43746	N/A	4.756	N/A
IVM020	Sample 3	6.05	44707.32	64228	N/A	4.926	N/A
IVM021	Sample 4	6.05	45448.44	65868	N/A	4.883	N/A
IVM022	Sample 5	6.05	43284.80	65008	N/A	4.710	N/A
IVM023	Sample 6	6.05	107804.31	68092	N/A	11.282	N/A
IVM024	Sample 7	6.05	127857.92	70616	N/A	12.912	N/A
IVM025	BLK6	N/F	0.00	N/F	N/A	N/F	N/A
IVM026	MS	6.05	96937.97	66730	10.00	10.347	3.470
IVM027	BLK7	N/F	0.00	N/F	N/A	N/F	N/A
IVM028	Sample 8	6.05	118058.39	68729	N/A	12.246	N/A
IVM029	Sample 9	6.05	117652.16	67555	N/A	12.417	N/A
IVM030	Sample 10	6.05	113636.49	69389	N/A	11.673	N/A
IVM031	Sample 11	6.05	147079.75	67557	N/A	15.538	N/A
IVM032	Sample 12	6.05	151533.96	69850	N/A	15.483	N/A
IVM033	Sample 13	6.05	150810.97	69740	N/A	15.433	N/A
IVM034	BLK8	7.20	7.59	N/F	N/A	N/A	N/A
IVM035	HS	6.05	202858.29	71454	20.00	20.280	1.400
IVM036	BLK9	N/F	0.00	4	N/A	N/F	N/A
IVM037	Sample 14	6.05	152534.51	71427	N/A	15.240	N/A
IVM038	Sample 15	6.05	103446.36	45691	N/A	16.160	N/A
IVM039	Sample 16	6.05	192328.28	64852	N/A	21.187	N/A
IVM040	Sample 17	6.05	203922.24	71607	N/A	20.343	N/A

Quantis Plus (QP) IVM Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/13/2025
SOP #:		**Analyte:**	Ivermectin
Batch:	IVM Feed Assay Val Set 2		

Sample Raw File Name	Sample Name	Retention Time	Peak Area	ISTD Area	Theoretical Amount (ng/mL)	Calculated Amount (ng/mL)	Percent Difference %
IVM001	BLK1	N/F	0.00	5	N/A	N/F	N/A
IVM041	Sample 18	6.05	194072.59	72397	N/A	19.146	N/A
IVM042	Sample 19	6.05	173661.59	64199	N/A	19.320	N/A
IVM043	Sample 20	6.05	202612.25	72440	N/A	19.979	N/A
IVM044	BLK10	N/F	0.00	N/F	N/A	N/F	N/A
IVM045	BLK11	N/F	0.00	N/F	N/A	N/F	N/A

Quantis Plus (QP) IVM IS Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/13/2025
SOP #		**Analyte:**	IVM IS
Batch:	IVM Feed Assay Val Set 2	**Calc IS Response (Avg.):**	62359.96

Sample Raw File Name	Sample Type	Sample Name	Retention Time	Peak Area	Std Response	Percent Difference*
IVM001	Solvent	BLK1	4.83	4.71	62442.99	-99.99%
IVM002	Unknown	STD 3 CHECK 1	6.03	72977.97	62442.99	17.03%
IVM003	Unknown	STD 3 CHECK 2	6.03	61398.59	62442.99	-1.54%
IVM004	Unknown	STD 3 CHECK 3	6.03	58474.69	62442.99	-6.23%
IVM005	Solvent	BLK2	6.08	63.95	62442.99	-99.90%
IVM006	Cal Std	STD 1	6.03	62359.96	62442.99	0.00%
IVM007	Cal Std	STD 2	6.03	61456.90	62442.99	-1.45%
IVM008	Cal Std	STD 3	6.03	57774.58	62442.99	-7.35%
IVM009	Cal Std	STD 4	6.03	62014.19	62442.99	-0.55%
IVM010	Cal Std	STD 5	6.03	66065.59	62442.99	5.94%
IVM011	Cal Std	STD 6	6.03	64986.71	62442.99	4.21%
IVM012	Solvent	BLK3	N/F	0.00	0.00	NA
IVM013	Matrix Blank	Cattle Feed Matrix-1	6.03	71021.66	62442.99	13.89%
IVM014	Matrix Blank	Cattle Feed Matrix-2	5.98	79085.24	62442.99	26.82%
IVM015	Solvent	BLK4	N/F	0.00	0.00	NA
IVM016	QC	LS	6.03	63544.56	62442.99	1.90%
IVM017	Solvent	BLK5	N/F	0.00	0.00	NA
IVM018	Unknown	Sample 1	6.03	65209.30	62442.99	4.57%
IVM019	Unknown	Sample 2	6.03	43745.66	62442.99	-29.85%
IVM020	Unknown	Sample 3	6.03	64227.73	62442.99	3.00%
IVM021	Unknown	Sample 4	6.03	65867.87	62442.99	5.63%
IVM022	Unknown	Sample 5	6.03	65007.89	62442.99	4.25%
IVM023	Unknown	Sample 6	6.03	68092.07	62442.99	9.19%
IVM024	Unknown	Sample 7	6.03	70615.76	62442.99	13.24%
IVM025	Solvent	BLK6	N/F	0.00	0.00	NA
IVM026	QC	MS	6.03	66729.94	62442.99	7.01%
IVM027	Solvent	BLK7	N/F	0.00	0.00	NA
IVM028	Unknown	Sample 8	6.03	68729.04	62442.99	10.21%
IVM029	Unknown	Sample 9	6.03	67554.77	62442.99	8.33%
IVM030	Unknown	Sample 10	6.03	69389.28	62442.99	11.27%
IVM031	Unknown	Sample 11	6.03	67557.31	62442.99	8.33%
IVM032	Unknown	Sample 12	6.03	69849.67	62442.99	12.01%
IVM033	Unknown	Sample 13	6.03	69740.32	62442.99	11.84%
IVM034	Solvent	BLK8	N/F	0.00	0.00	NA
IVM035	QC	HS	6.03	71453.71	62442.99	14.58%
IVM036	Solvent	BLK9	6.08	4.50	62442.99	-99.99%
IVM037	Unknown	Sample 14	6.03	71427.00	62442.99	14.54%
IVM038	Unknown	Sample 15	6.03	45690.80	62442.99	-26.73%
IVM039	Unknown	Sample 16	6.03	64851.75	62442.99	4.00%
IVM040	Unknown	Sample 17	6.03	71607.04	62442.99	14.83%
IVM041	Unknown	Sample 18	6.03	72396.69	62442.99	16.09%

Quantis Plus (QP) IVM IS Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/13/2025
SOP #		**Analyte:**	IVM IS
Batch:	IVM Feed Assay Val Set 2	**Calc IS Response (Avg.):**	62359.96

Sample Raw File Name	Sample Type	Sample Name	Retention Time	Peak Area	Std Response	Percent Difference*
IVM001	Solvent	BLK1	4.83	4.71	62442.99	-99.99%
IVM002	Unknown	STD 3 CHECK 1	6.03	72977.97	62442.99	17.03%
IVM042	Unknown	Sample 19	6.03	64198.96	62442.99	2.95%
IVM043	Unknown	Sample 20	6.03	72440.36	62442.99	16.16%
IVM044	Solvent	BLK10	N/F	0.00	0.00	NA
IVM045	Solvent	BLK11	N/F	0.00	0.00	NA

(1)-Average IS Response may include blank due to software bug. Used averageifs formula to caluculate IS Response (Avg) and updated % deviation calculation 10/27/22. -DMP

NOTE: Data chromatography is filtered to remove LFFM samples from report. -DMP 9/20/2023

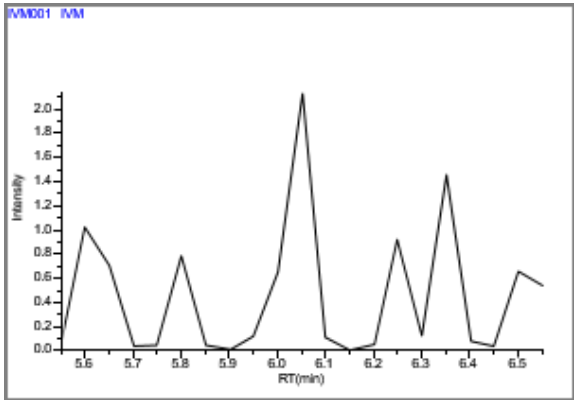
Layout updated. -DMP 9/16/2023

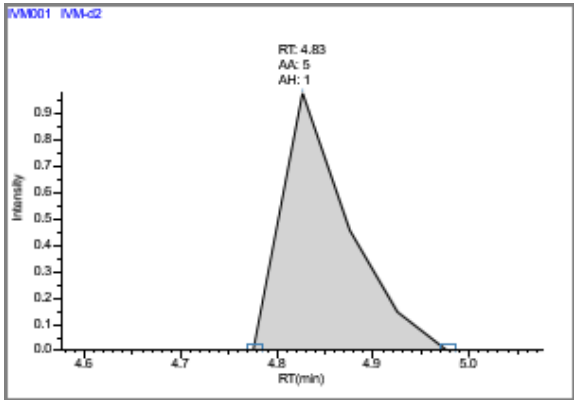
Quantis Plus (QP) Chromatograms

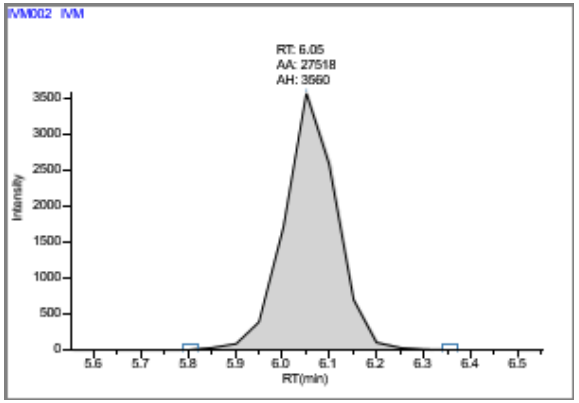
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

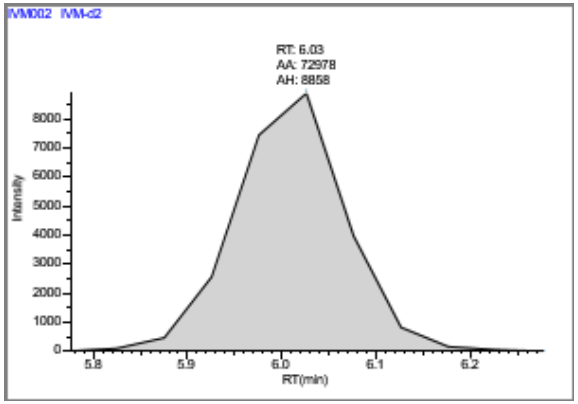
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM001**	**File Name:**	**IVM001**	**File Name:**	**IVM002**
Sample Name:	**BLK1**	**Sample Name:**	**BLK1**	**Sample Name:**	**STD 3 CHECK 1**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

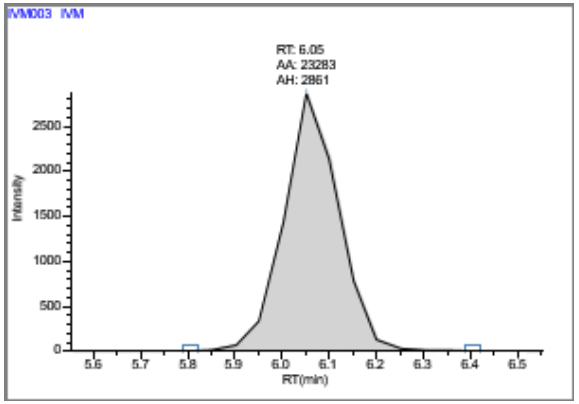


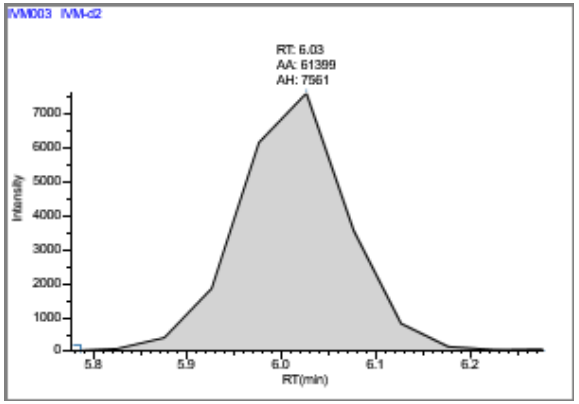




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM002**	**File Name:**	**IVM003**	**File Name:**	**IVM003**
Sample Name:	**STD 3 CHECK 1**	**Sample Name:**	**STD 3 CHECK 2**	**Sample Name:**	**STD 3 CHECK 2**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







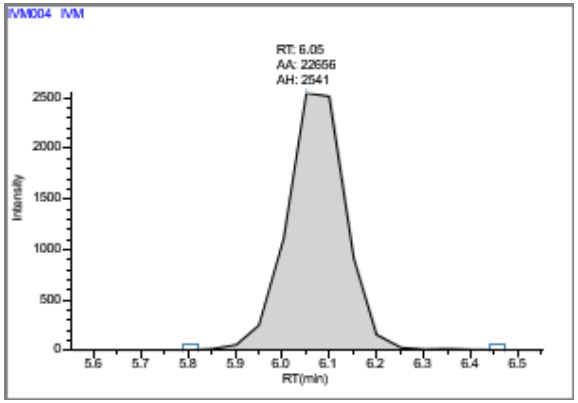
Layout updated. -DMP 9/16/2023

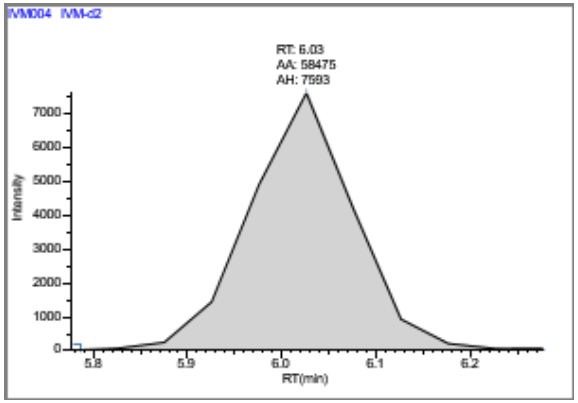
Quantis Plus (QP) Chromatograms

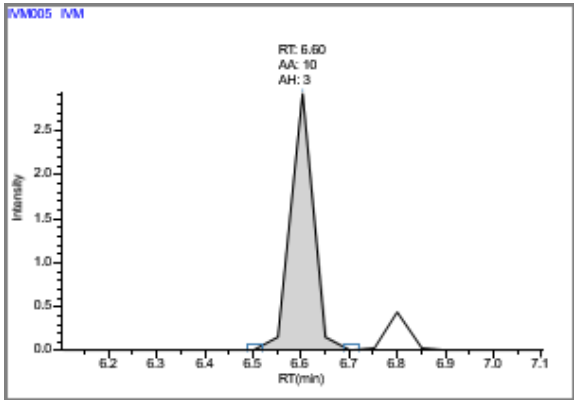
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

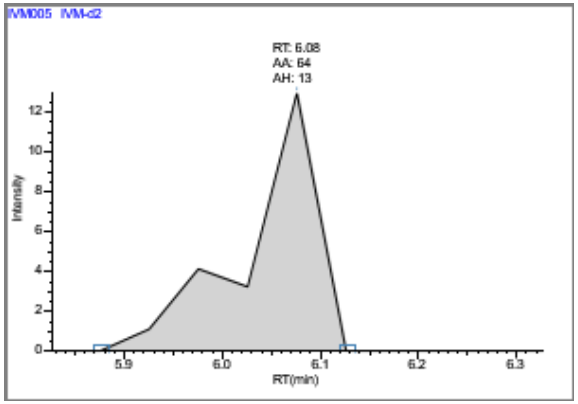
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM004**	**File Name:**	**IVM004**	**File Name:**	**IVM005**
Sample Name:	**STD 3 CHECK 3**	**Sample Name:**	**STD 3 CHECK 3**	**Sample Name:**	**BLK2**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

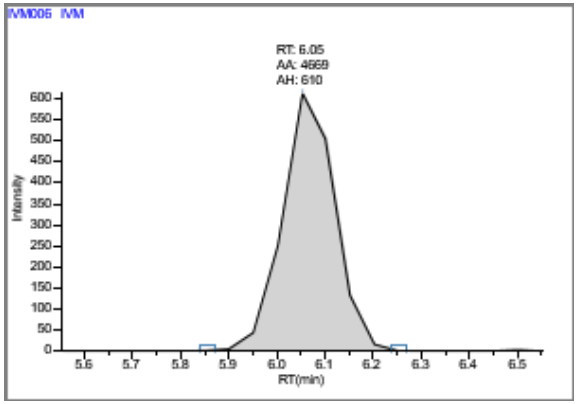


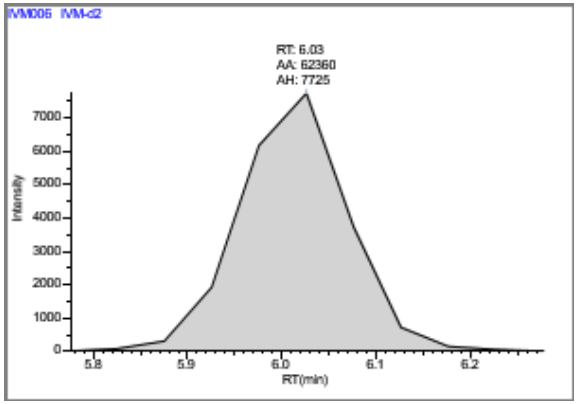




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM005**	**File Name:**	**IVM006**	**File Name:**	**IVM006**
Sample Name:	**BLK2**	**Sample Name:**	**STD 1**	**Sample Name:**	**STD 1**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







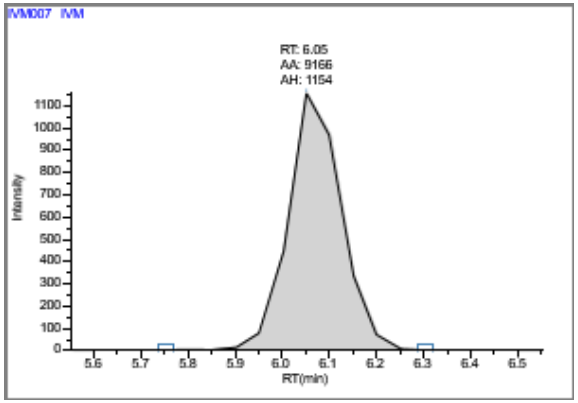
Layout updated. -DMP 9/16/2023

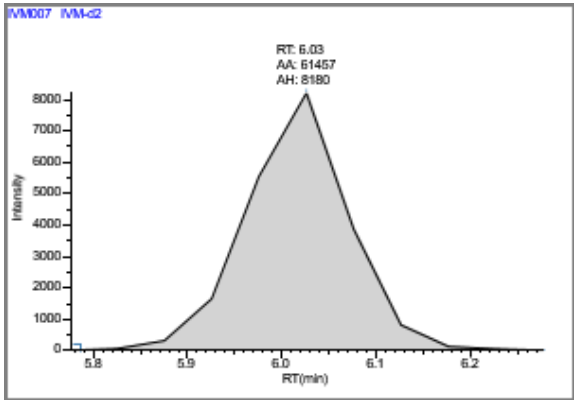
Quantis Plus (QP) Chromatograms

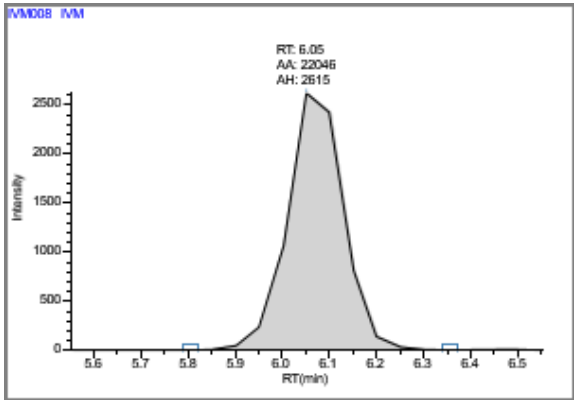
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

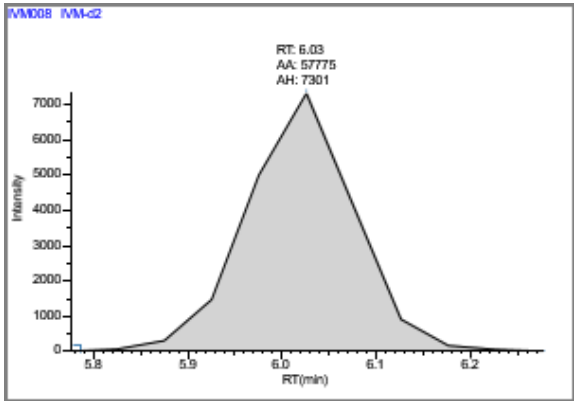
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM007**	**File Name:**	**IVM007**	**File Name:**	**IVM008**
Sample Name:	**STD 2**	**Sample Name:**	**STD 2**	**Sample Name:**	**STD 3**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

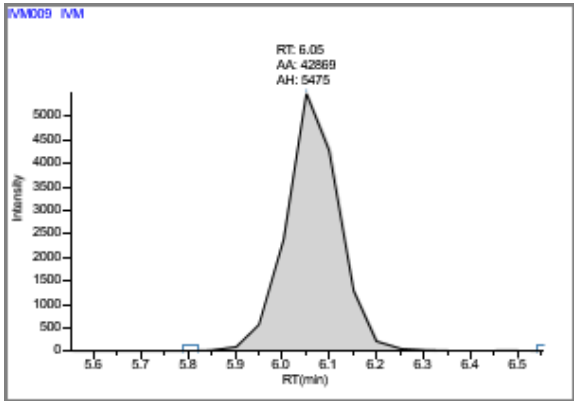


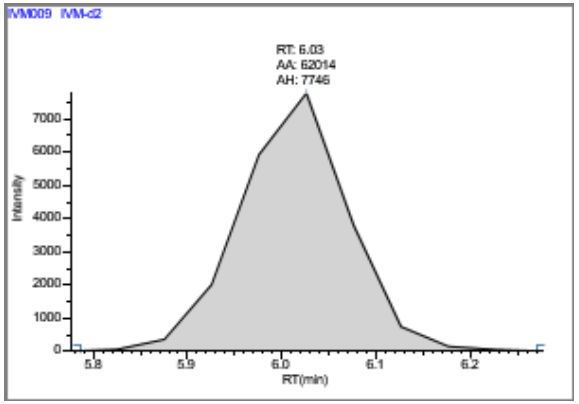




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM008**	**File Name:**	**IVM009**	**File Name:**	**IVM009**
Sample Name:	**STD 3**	**Sample Name:**	**STD 4**	**Sample Name:**	**STD 4**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







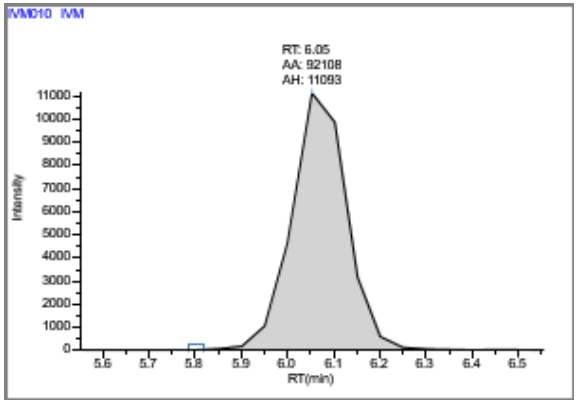
Layout updated. -DMP 9/16/2023

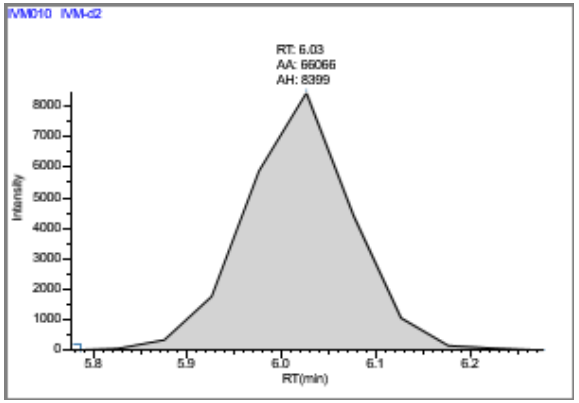
Quantis Plus (QP) Chromatograms

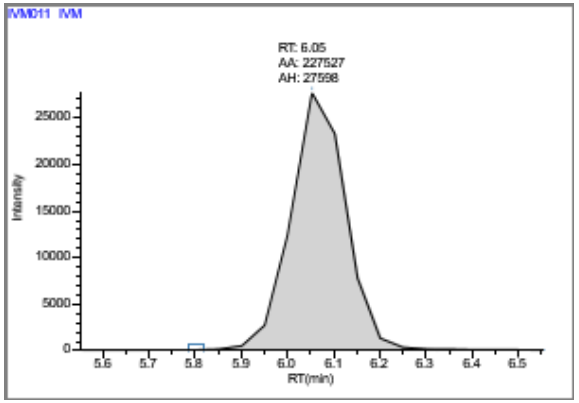
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

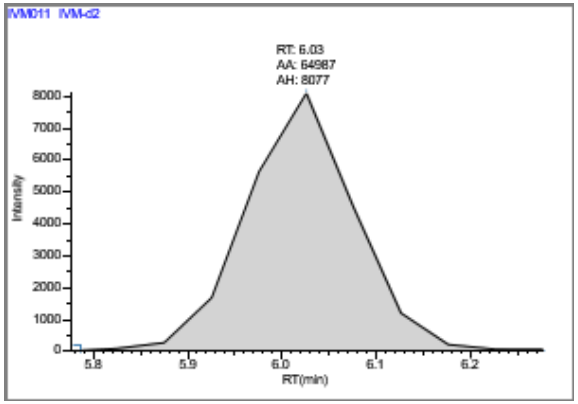
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM010**	**File Name:**	**IVM010**	**File Name:**	**IVM011**
Sample Name:	**STD 5**	**Sample Name:**	**STD 5**	**Sample Name:**	**STD 6**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

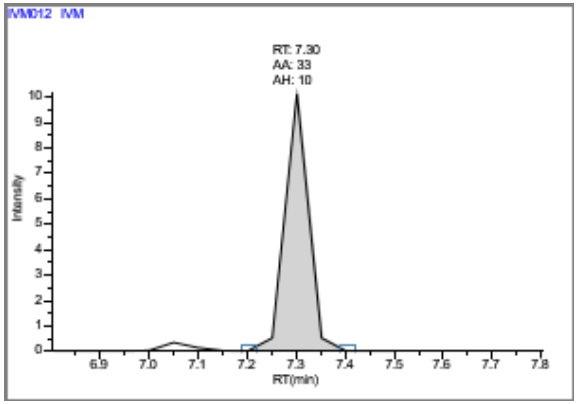


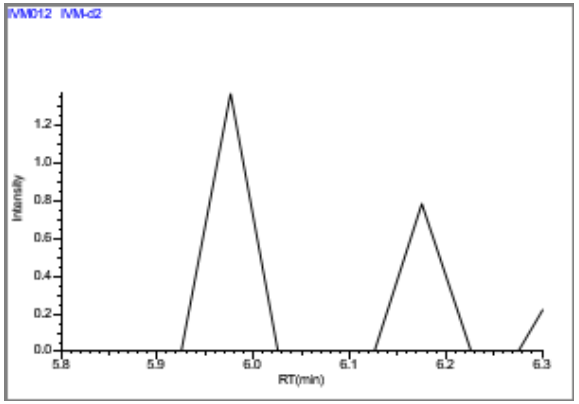




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM011**	**File Name:**	**IVM012**	**File Name:**	**IVM012**
Sample Name:	**STD 6**	**Sample Name:**	**BLK3**	**Sample Name:**	**BLK3**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







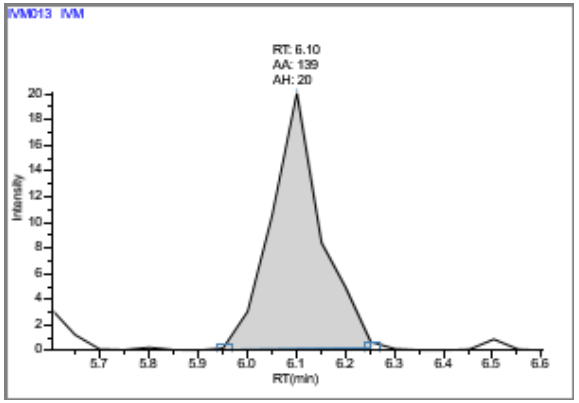
Layout updated. -DMP 9/16/2023

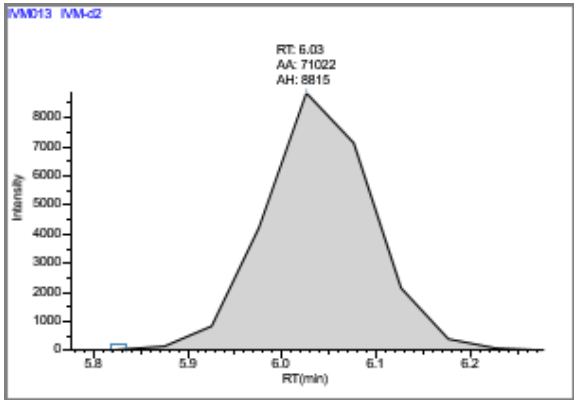
Quantis Plus (QP) Chromatograms

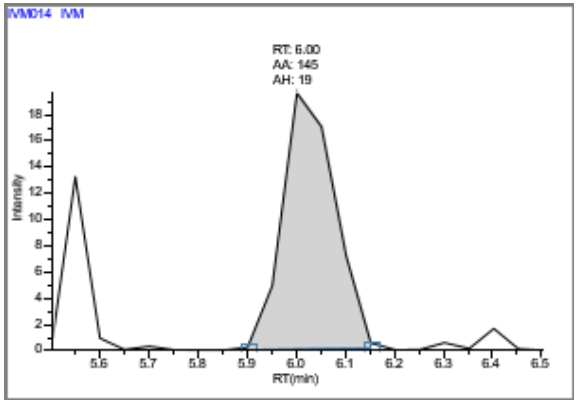
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

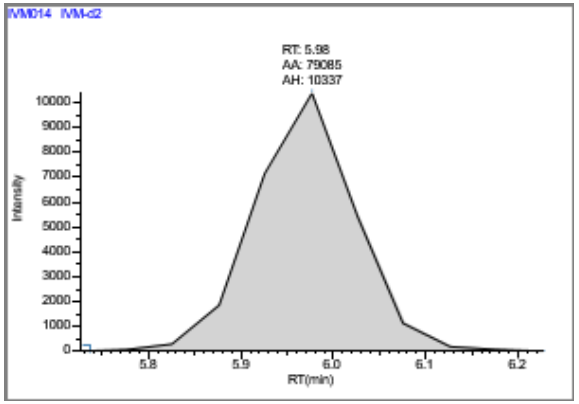
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM013**	**File Name:**	**IVM013**	**File Name:**	**IVM014**
Sample Name:	**Cattle Feed Matrix-1**	**Sample Name:**	**Cattle Feed Matrix-1**	**Sample Name:**	**Cattle Feed Matrix-2**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

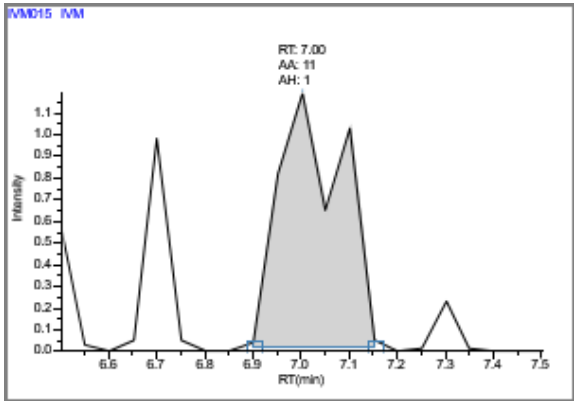


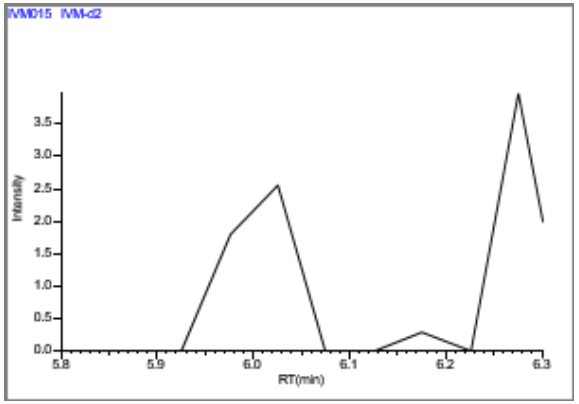




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM014**	**File Name:**	**IVM015**	**File Name:**	**IVM015**
Sample Name:	**Cattle Feed Matrix-2**	**Sample Name:**	**BLK4**	**Sample Name:**	**BLK4**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







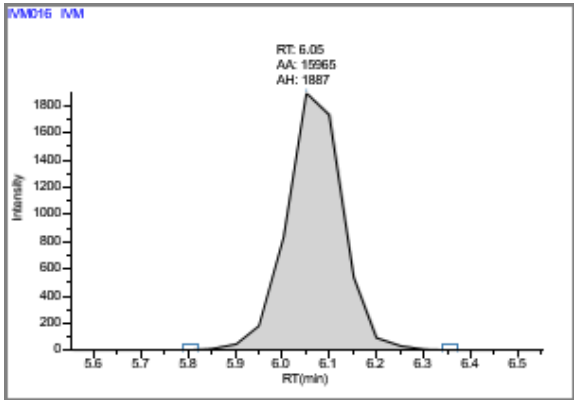
Layout updated. -DMP 9/16/2023

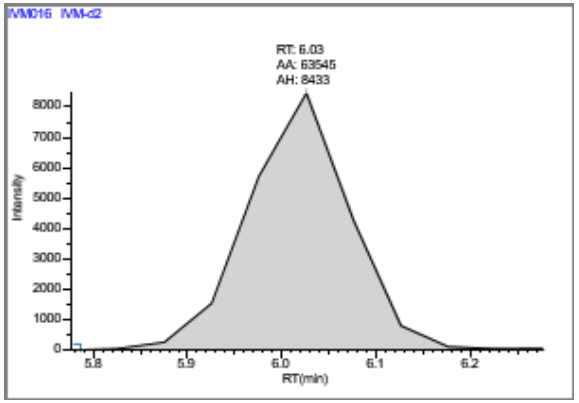
Quantis Plus (QP) Chromatograms

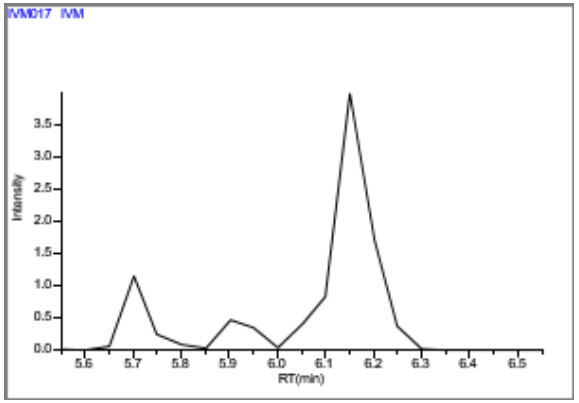
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

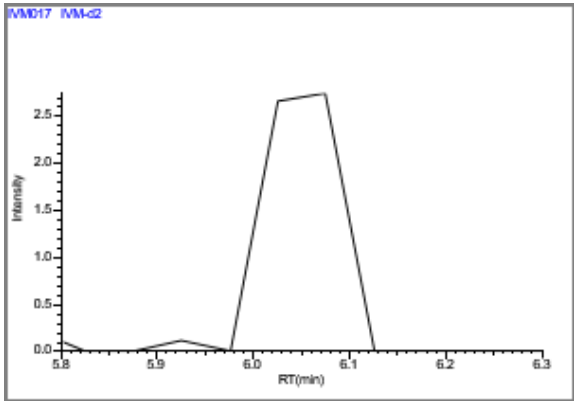
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM016**	**File Name:**	**IVM016**	**File Name:**	**IVM017**
Sample Name:	**LS**	**Sample Name:**	**LS**	**Sample Name:**	**BLK5**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

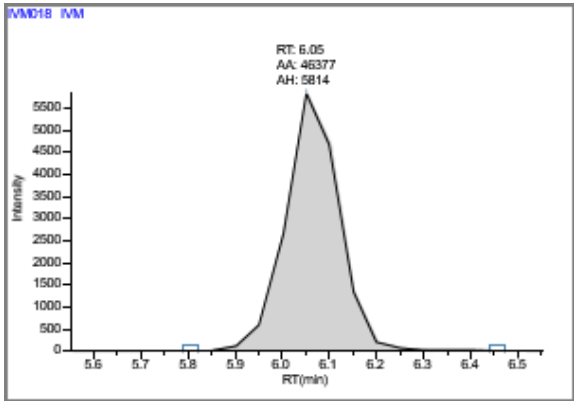


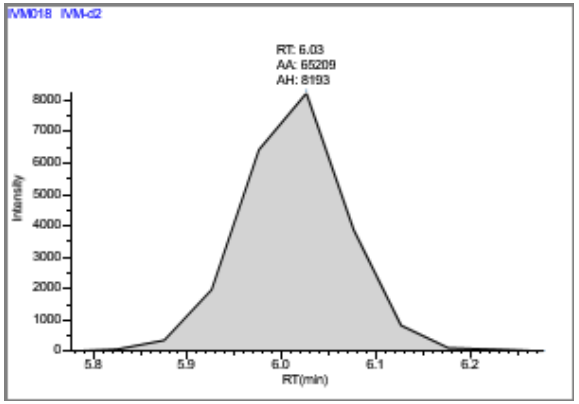




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM017**	**File Name:**	**IVM018**	**File Name:**	**IVM018**
Sample Name:	**BLK5**	**Sample Name:**	**Sample 1**	**Sample Name:**	**Sample 1**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







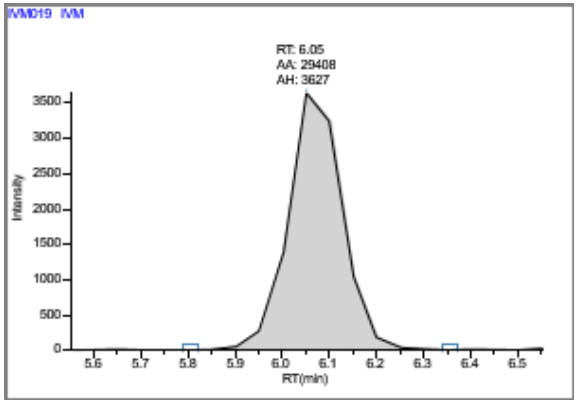
Layout updated. -DMP 9/16/2023

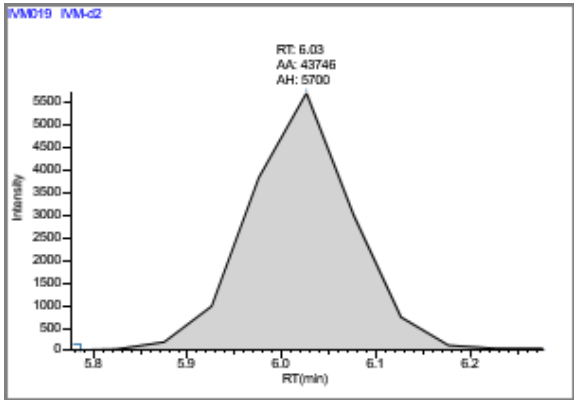
Quantis Plus (QP) Chromatograms

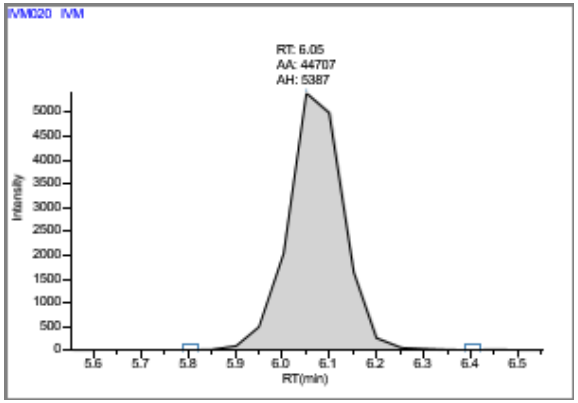
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

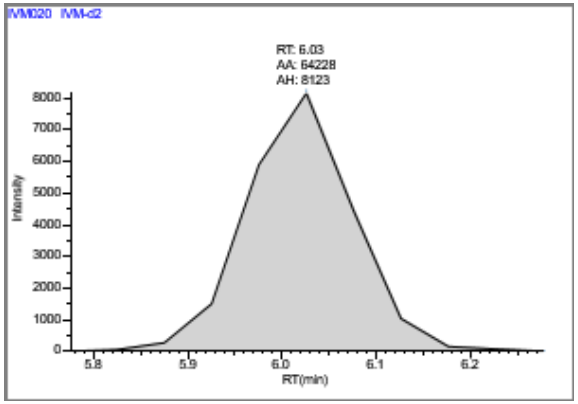
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM019**	**File Name:**	**IVM019**	**File Name:**	**IVM020**
Sample Name:	**Sample 2**	**Sample Name:**	**Sample 2**	**Sample Name:**	**Sample 3**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

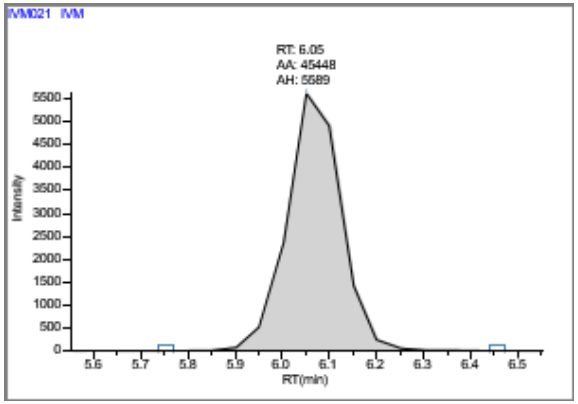


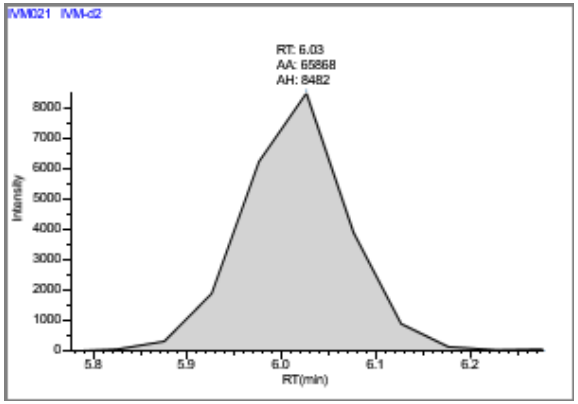




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM020**	**File Name:**	**IVM021**	**File Name:**	**IVM021**
Sample Name:	**Sample 3**	**Sample Name:**	**Sample 4**	**Sample Name:**	**Sample 4**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







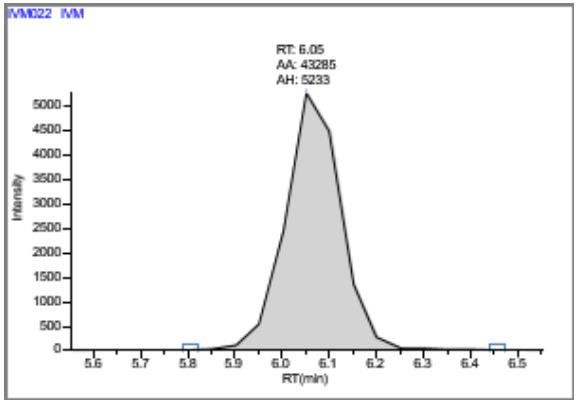
Layout updated. -DMP 9/16/2023

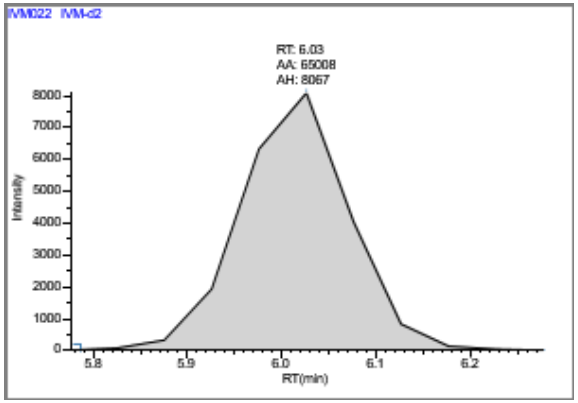
Quantis Plus (QP) Chromatograms

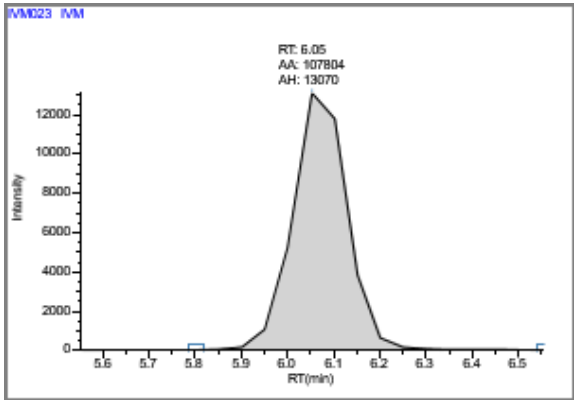
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

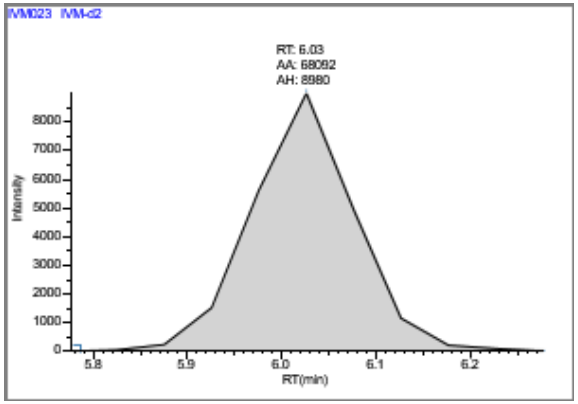
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM022**	**File Name:**	**IVM022**	**File Name:**	**IVM023**
Sample Name:	**Sample 5**	**Sample Name:**	**Sample 5**	**Sample Name:**	**Sample 6**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

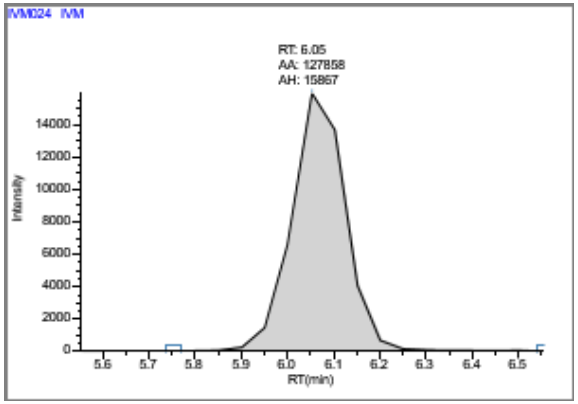


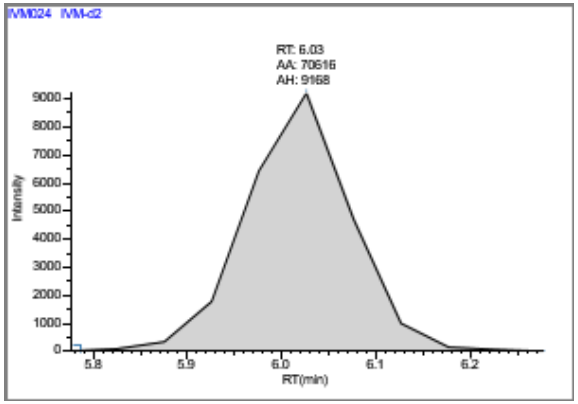




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM023**	**File Name:**	**IVM024**	**File Name:**	**IVM024**
Sample Name:	**Sample 6**	**Sample Name:**	**Sample 7**	**Sample Name:**	**Sample 7**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







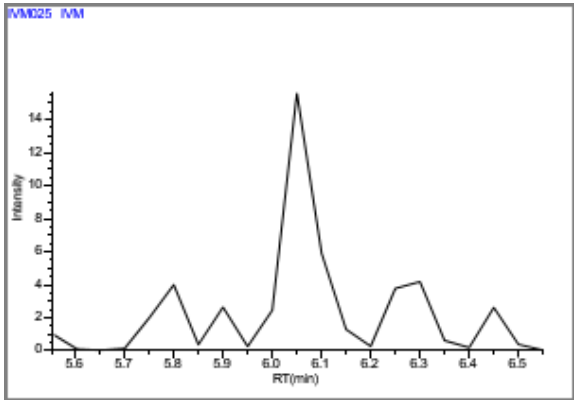
Layout updated. -DMP 9/16/2023

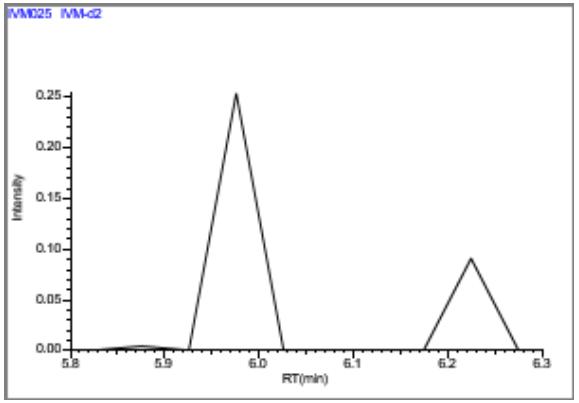
Quantis Plus (QP) Chromatograms

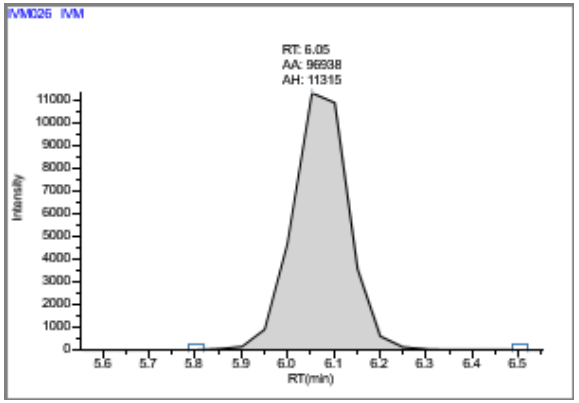
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

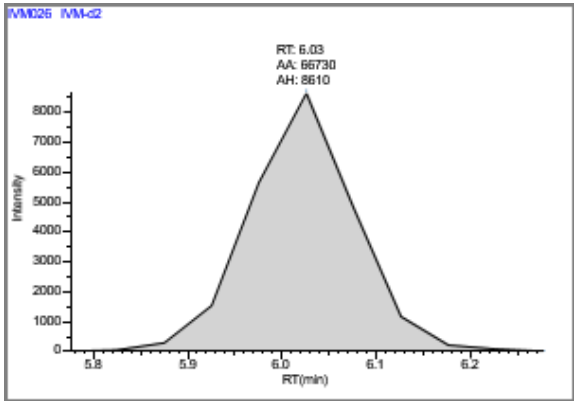
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM025**	**File Name:**	**IVM025**	**File Name:**	**IVM026**
Sample Name:	**BLK6**	**Sample Name:**	**BLK6**	**Sample Name:**	**MS**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

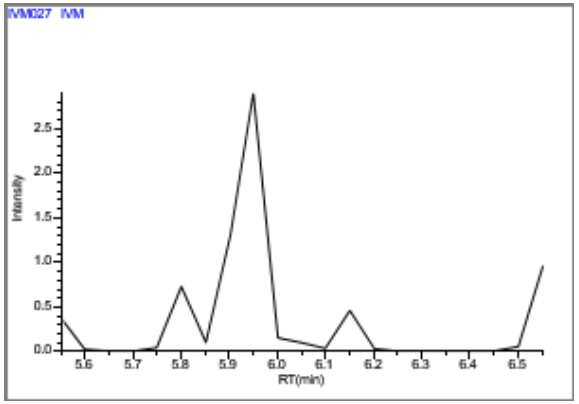


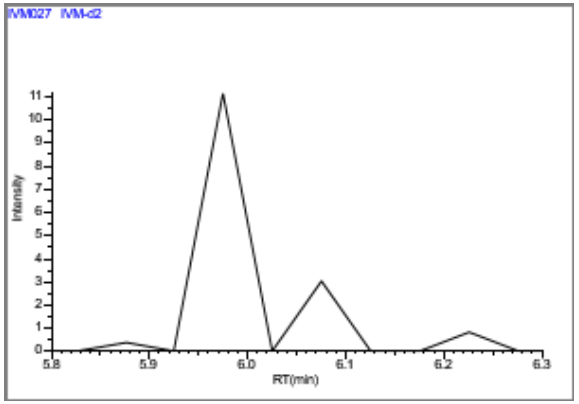




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM026**	**File Name:**	**IVM027**	**File Name:**	**IVM027**
Sample Name:	**MS**	**Sample Name:**	**BLK7**	**Sample Name:**	**BLK7**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







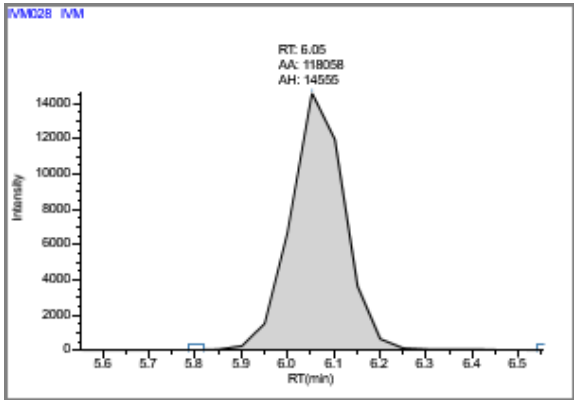
Layout updated. -DMP 9/16/2023

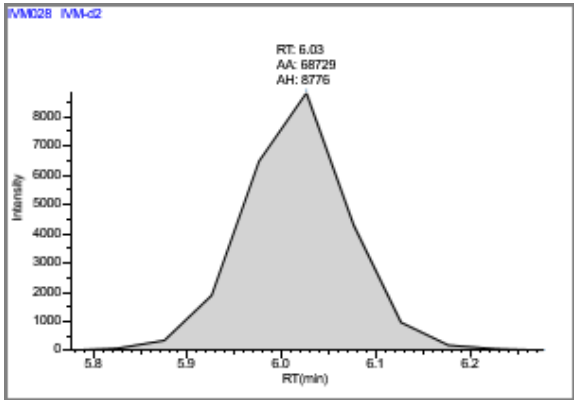
Quantis Plus (QP) Chromatograms

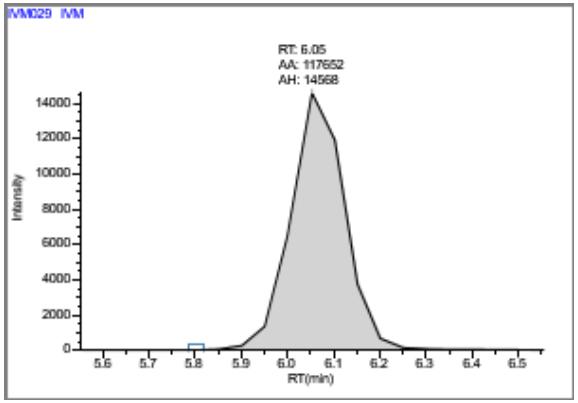
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

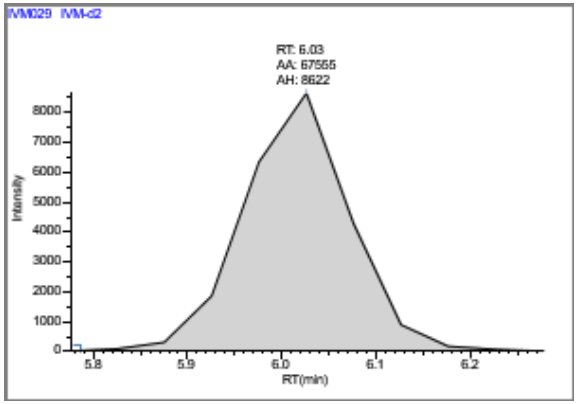
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM028**	**File Name:**	**IVM028**	**File Name:**	**IVM029**
Sample Name:	**Sample 8**	**Sample Name:**	**Sample 8**	**Sample Name:**	**Sample 9**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

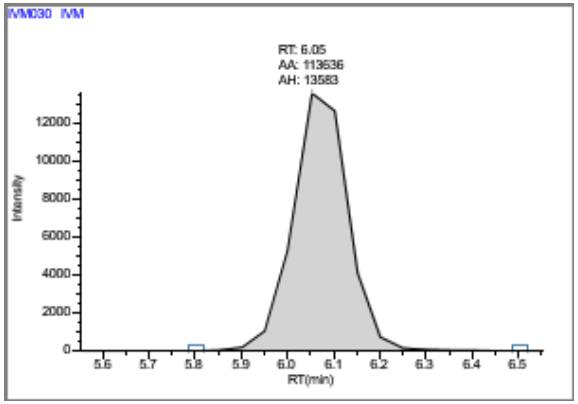


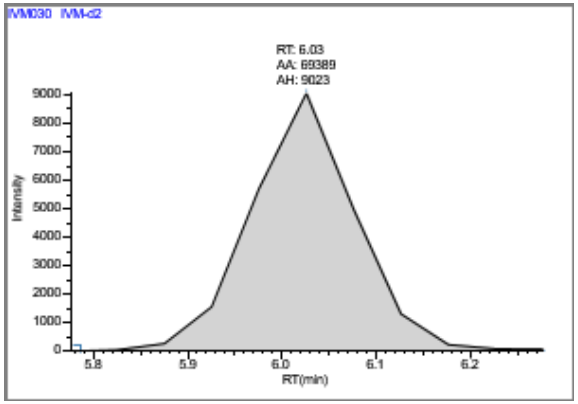




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM029**	**File Name:**	**IVM030**	**File Name:**	**IVM030**
Sample Name:	**Sample 9**	**Sample Name:**	**Sample 10**	**Sample Name:**	**Sample 10**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







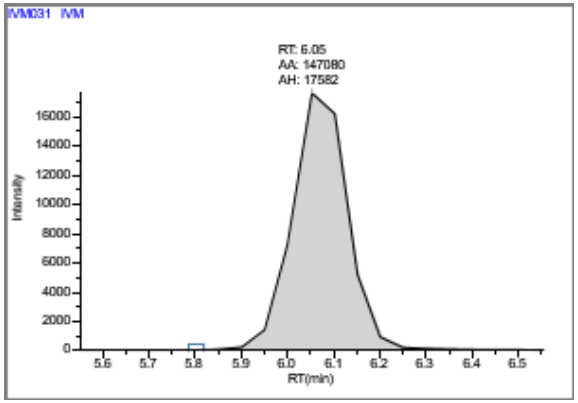
Layout updated. -DMP 9/16/2023

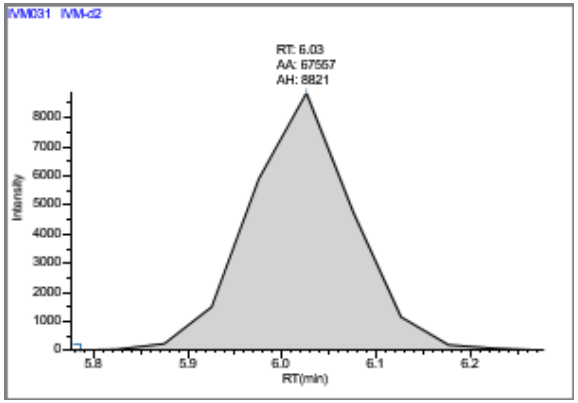
Quantis Plus (QP) Chromatograms

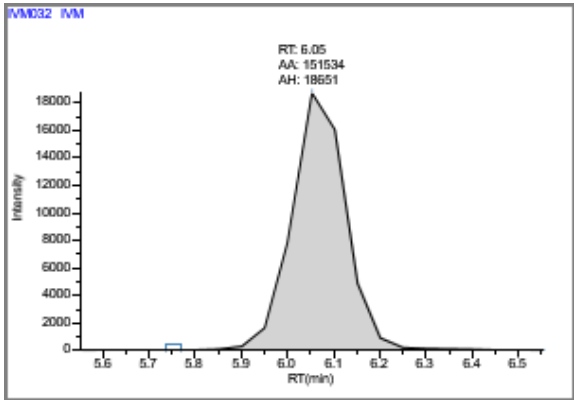
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

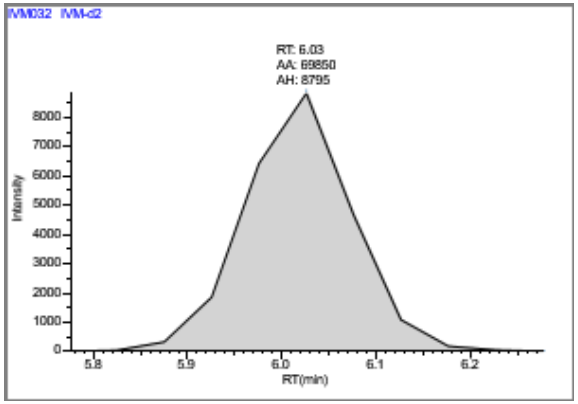
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM031**	**File Name:**	**IVM031**	**File Name:**	**IVM032**
Sample Name:	**Sample 11**	**Sample Name:**	**Sample 11**	**Sample Name:**	**Sample 12**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

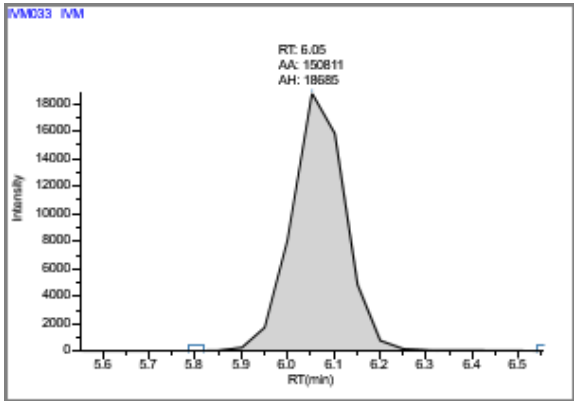


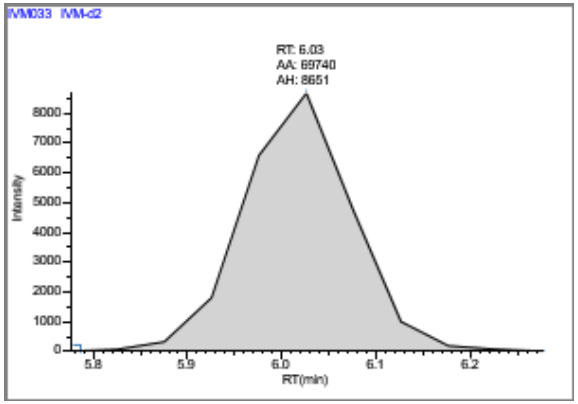




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM032**	**File Name:**	**IVM033**	**File Name:**	**IVM033**
Sample Name:	**Sample 12**	**Sample Name:**	**Sample 13**	**Sample Name:**	**Sample 13**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







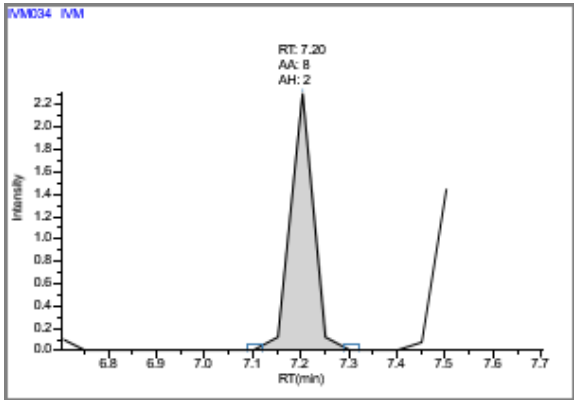
Layout updated. -DMP 9/16/2023

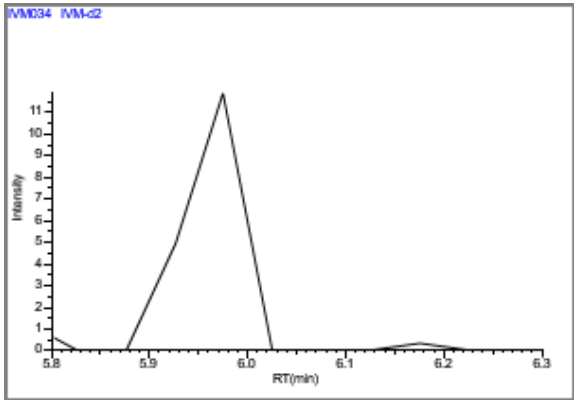
Quantis Plus (QP) Chromatograms

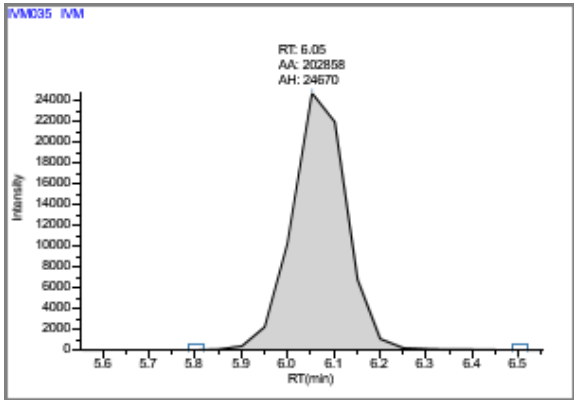
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

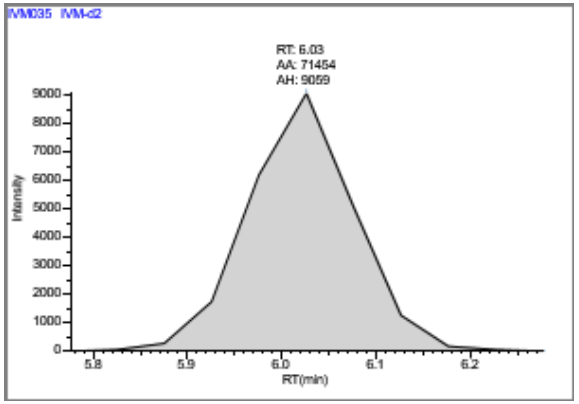
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM034**	**File Name:**	**IVM034**	**File Name:**	**IVM035**
Sample Name:	**BLK8**	**Sample Name:**	**BLK8**	**Sample Name:**	**HS**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

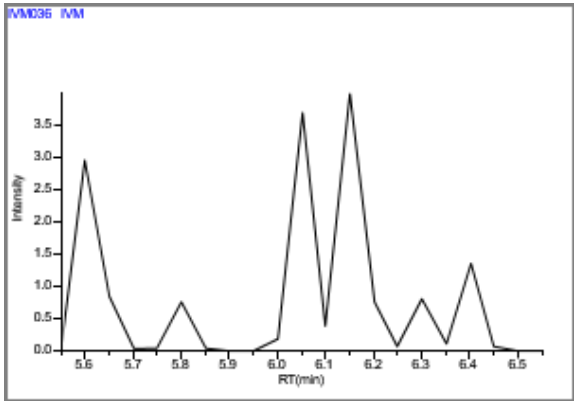


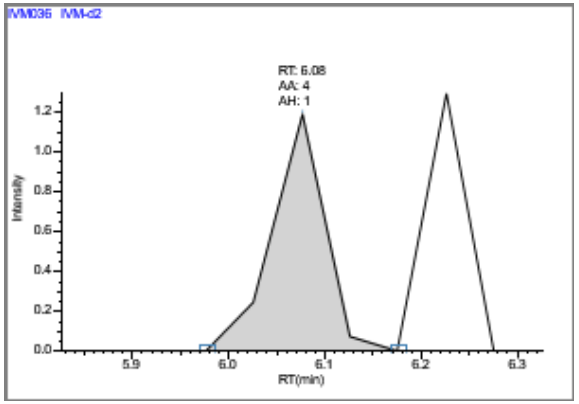




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM035**	**File Name:**	**IVM036**	**File Name:**	**IVM036**
Sample Name:	**HS**	**Sample Name:**	**BLK9**	**Sample Name:**	**BLK9**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







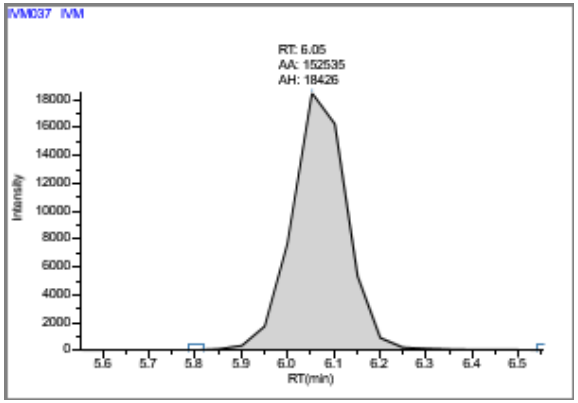
Layout updated. -DMP 9/16/2023

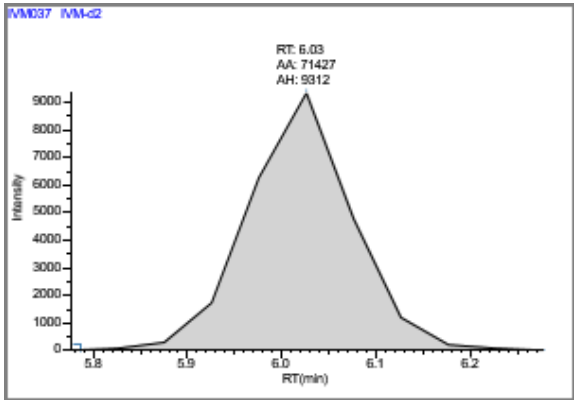
Quantis Plus (QP) Chromatograms

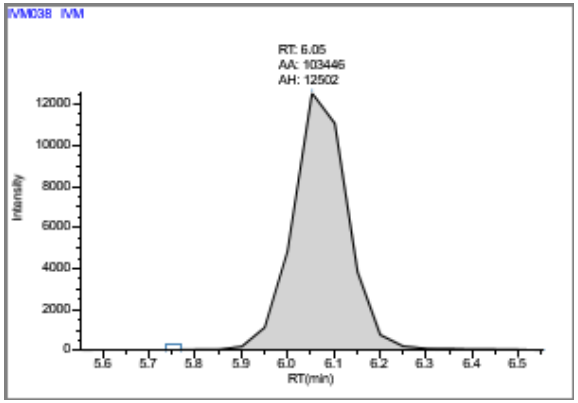
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

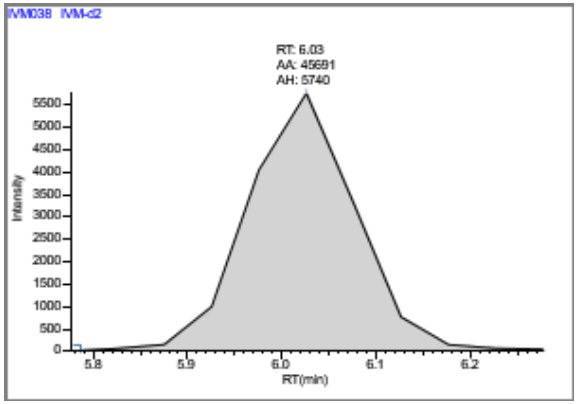
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM037**	**File Name:**	**IVM037**	**File Name:**	**IVM038**
Sample Name:	**Sample 14**	**Sample Name:**	**Sample 14**	**Sample Name:**	**Sample 15**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

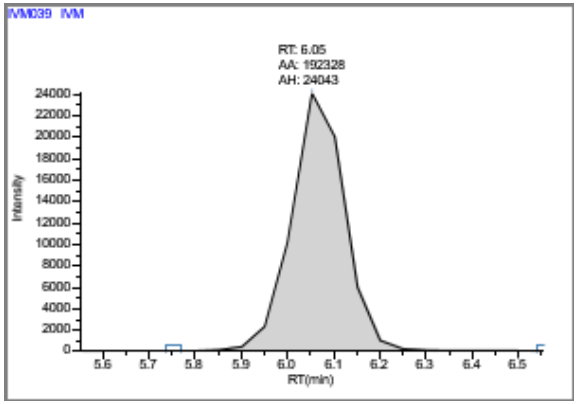


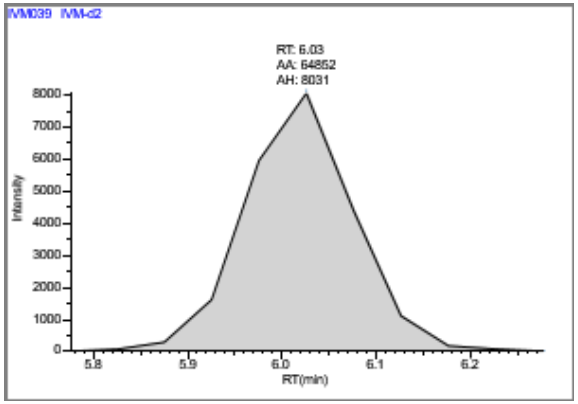




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM038**	**File Name:**	**IVM039**	**File Name:**	**IVM039**
Sample Name:	**Sample 15**	**Sample Name:**	**Sample 16**	**Sample Name:**	**Sample 16**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







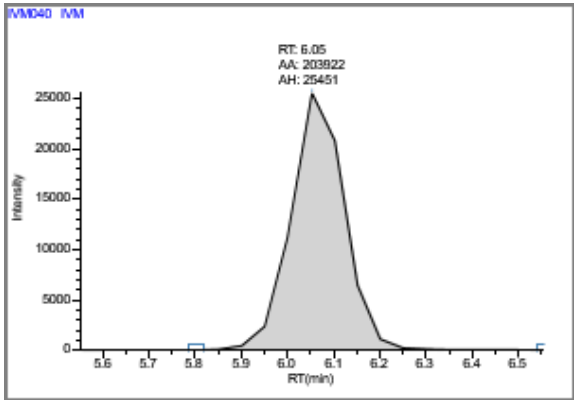
Layout updated. -DMP 9/16/2023

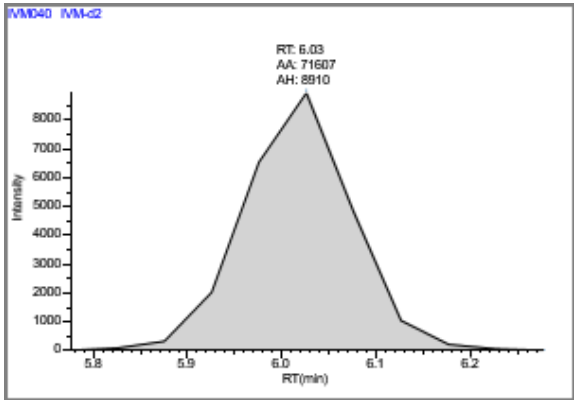
Quantis Plus (QP) Chromatograms

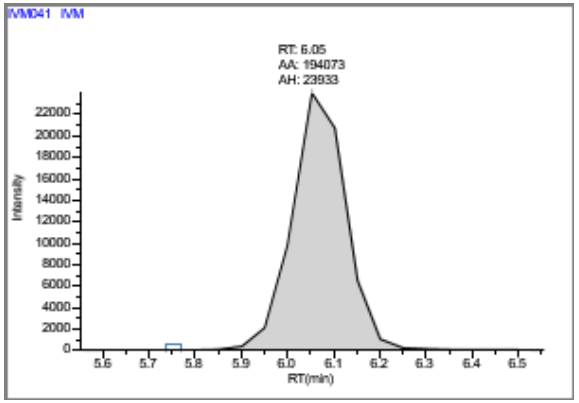
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

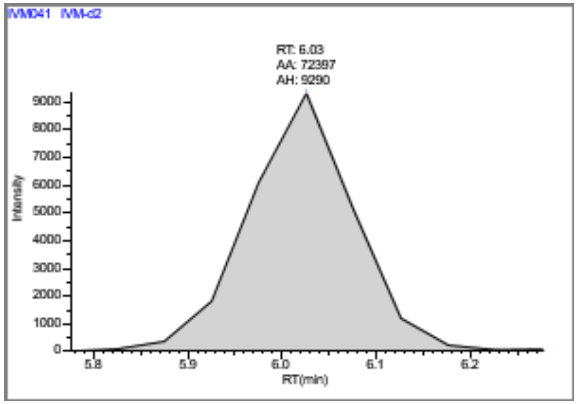
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM040**	**File Name:**	**IVM040**	**File Name:**	**IVM041**
Sample Name:	**Sample 17**	**Sample Name:**	**Sample 17**	**Sample Name:**	**Sample 18**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

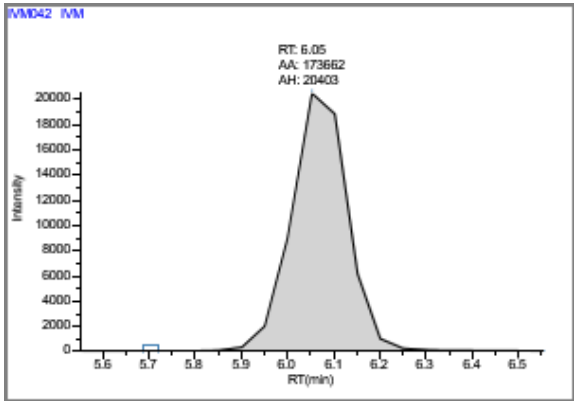


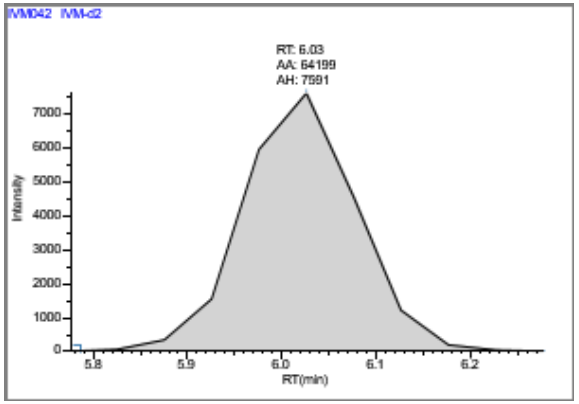




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM041**	**File Name:**	**IVM042**	**File Name:**	**IVM042**
Sample Name:	**Sample 18**	**Sample Name:**	**Sample 19**	**Sample Name:**	**Sample 19**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







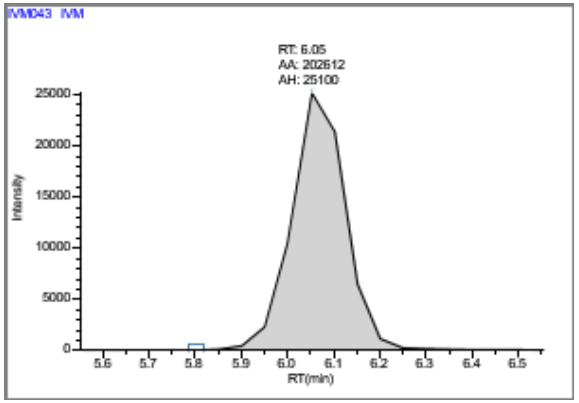
Layout updated. -DMP 9/16/2023

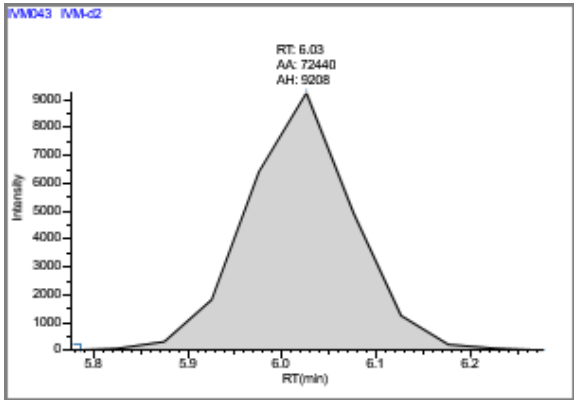
Quantis Plus (QP) Chromatograms

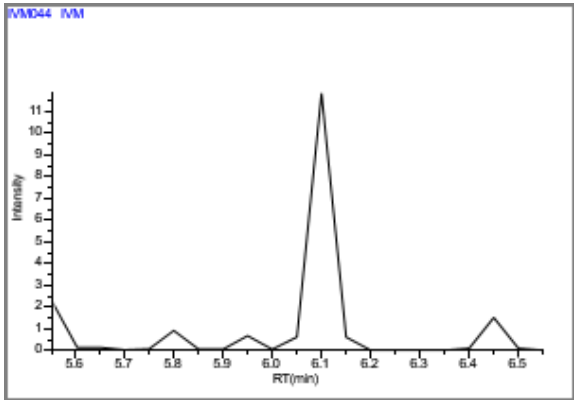
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Acquire Date: 12/13/2025

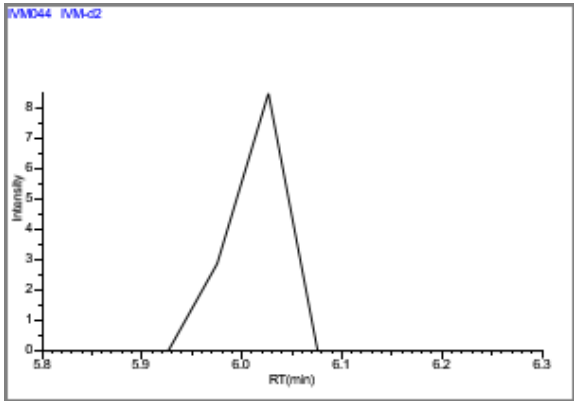
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM043**	**File Name:**	**IVM043**	**File Name:**	**IVM044**
Sample Name:	**Sample 20**	**Sample Name:**	**Sample 20**	**Sample Name:**	**BLK10**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

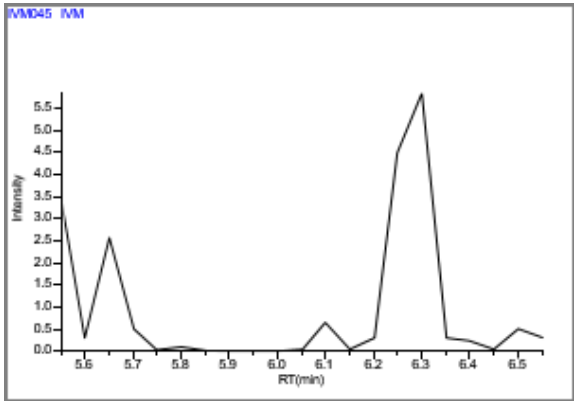


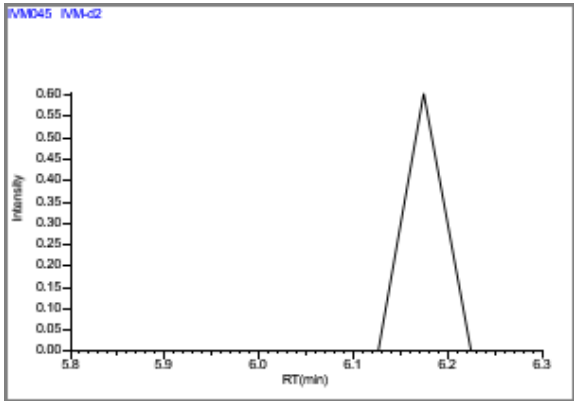




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM044**	**File Name:**	**IVM045**	**File Name:**	**IVM045**
Sample Name:	**BLK10**	**Sample Name:**	**BLK11**	**Sample Name:**	**BLK11**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**





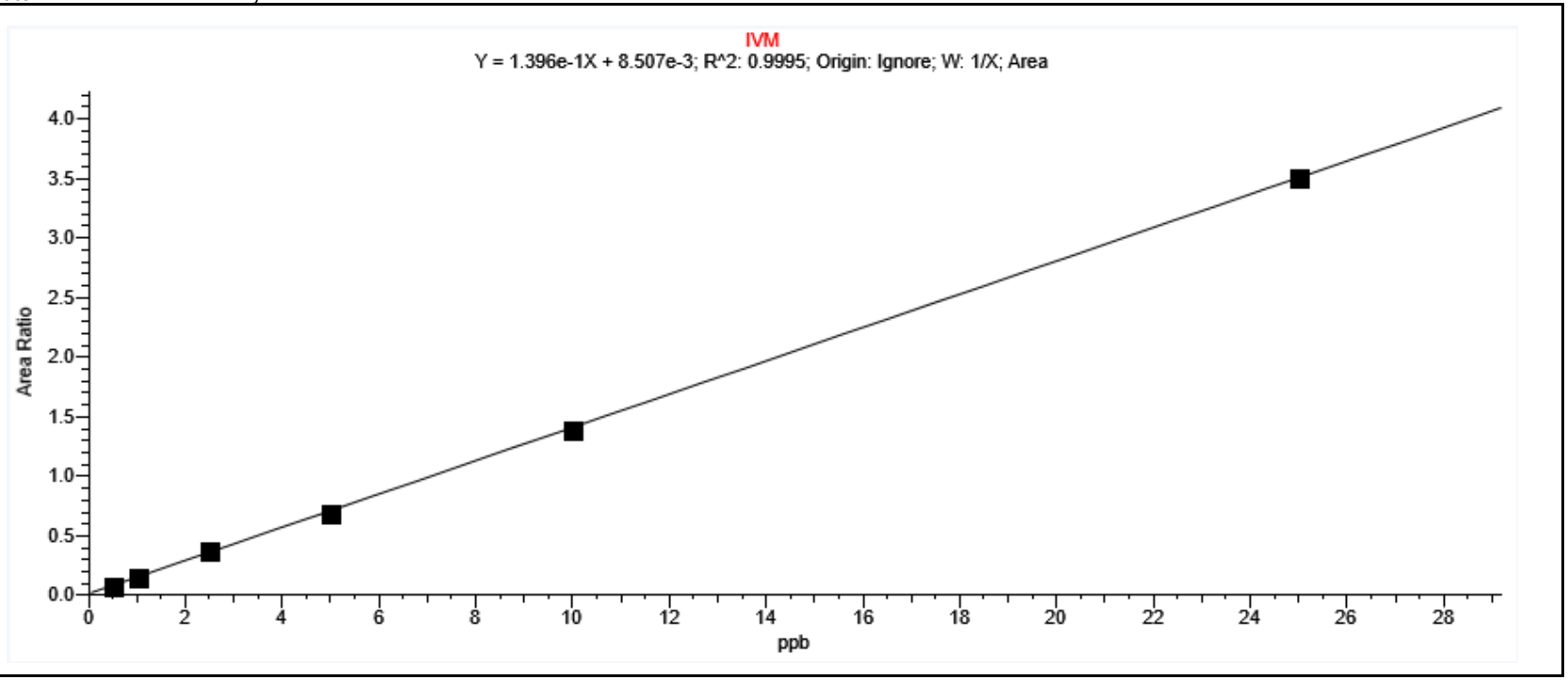


Layout updated. -DMP 9/16/2023

Quantis Plus (QP) Calibration curves

Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Date Acquired: 12/13/2025
Slope: 1.3960E-01



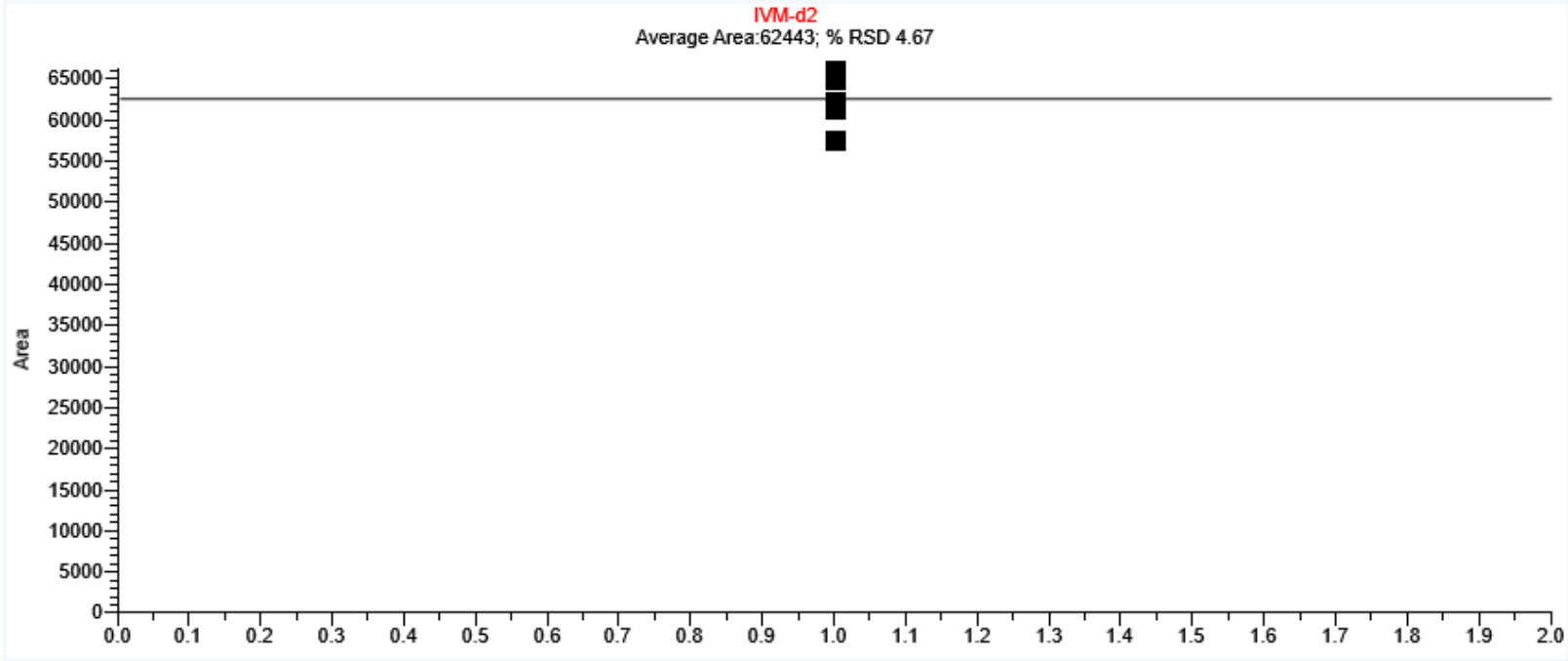
Level	Sample File	Response	Level Amount (ng/mL)	Calculated Amount (ng/mL)	Amount Diff	Is Active	Is Excluded	Manual Flag
1	IVM006	4669	0.500	0.475	-4.90	True	False	
2	IVM007	9166	1.000	1.008	0.77	True	False	
3	IVM008	22046	2.500	2.673	6.92	True	False	
4	IVM009	42869	5.000	4.892	-2.16	True	False	
5	IVM010	92108	10.000	9.928	-0.72	True	False	
6	IVM011	227527	25.000	25.024	0.10	True	False	

Layout updated. -DMP 9/16/2023

Quantis Plus (QP) Calibration curves

Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 2

Method: IVM Feed
Date Acquired: 12/13/2025
Slope:



Level	Sample File	Response	Level Amount (ng/mL)	Calculated Amount (ng/mL)	Amount Diff	Is Active	Is Excluded	Manual Flag
1	IVM006	62360	1.000	0.000	0.00	True	False	
2	IVM007	61457	1.000	0.000	0.00	True	False	
3	IVM008	57775	1.000	0.000	0.00	True	False	
4	IVM009	62014	1.000	0.000	0.00	True	False	
5	IVM010	66066	1.000	0.000	0.00	True	False	
6	IVM011	64987	1.000	0.000	0.00	True	False	

Layout updated. -DMP 9/16/2023

Quantis Plus (QP) IVM Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/16/2025
SOP #:		**Analyte:**	Ivermectin
Batch:	IVM Feed Assay Val Set 3		

Sample Raw File Name	Sample Name	Retention Time	Peak Area	ISTD Area	Theoretical Amount (ng/mL)	Calculated Amount (ng/mL)	Percent Difference %
IVM001	BLK1	N/F	0.00	N/F	N/A	N/F	N/A
IVM002	STD 3 CHECK 1	6.00	29588.30	75331	N/A	2.662	N/A
IVM003	STD 3 CHECK 2	6.00	25107.11	64179	N/A	2.650	N/A
IVM004	STD 3 CHECK 3	6.00	24651.02	62192	N/A	2.687	N/A
IVM005	BLK2	5.05	55.39	N/F	N/A	N/A	N/A
IVM006	STD 1	6.00	4914.44	62042	0.50	0.445	-11.080
IVM007	STD 2	6.00	10601.05	64483	1.00	1.047	4.690
IVM008	STD 3	6.00	15456.60	41211	2.50	2.536	1.450
IVM009	STD 4	6.00	48903.97	65433	5.00	5.169	3.370
IVM010	STD 5	6.00	101685.01	68420	10.00	10.392	3.920
IVM011	STD 6	6.00	249617.06	71951	25.00	24.412	-2.350
IVM012	BLK3	N/F	0.00	N/F	N/A	N/F	N/A
IVM013	Matrix 1	N/F	0.00	64978	N/A	N/F	N/A
IVM014	Matrix 2	6.10	68.59	60682	N/A	-0.107	N/A
IVM015	BLK4	N/F	0.00	N/F	N/A	N/F	N/A
IVM016	LS	6.00	19735.44	61506	2.00	2.153	7.660
IVM017	BLK5	N/F	0.00	121	N/A	N/F	N/A
IVM018	Sample 1	6.00	48638.43	66012	N/A	5.094	N/A
IVM019	Sample 2	6.00	46499.08	61141	N/A	5.261	N/A
IVM020	Sample 3	6.00	46541.27	62086	N/A	5.184	N/A
IVM021	Sample 4	6.00	47376.05	62768	N/A	5.221	N/A
IVM022	Sample 5	6.00	48521.70	64304	N/A	5.219	N/A
IVM023	Sample 6	6.00	83191.75	45122	N/A	12.919	N/A
IVM024	Sample 7	6.00	117853.41	61479	N/A	13.437	N/A
IVM025	Sample 8	6.00	123294.28	65786	N/A	13.135	N/A
IVM026	Sample 9	6.00	123552.76	68759	N/A	12.589	N/A
IVM027	Sample 10	6.05	120541.30	64066	N/A	13.187	N/A
IVM028	Sample 11	6.00	145394.21	67690	N/A	15.070	N/A
IVM029	Sample 12	6.00	147992.66	66604	N/A	15.594	N/A
IVM030	Sample 13	6.00	152611.26	69845	N/A	15.332	N/A
IVM031	BLK6	N/F	0.00	N/F	N/A	N/F	N/A
IVM032	MS	6.00	98264.03	66600	10.00	10.316	3.160
IVM033	BLK7	N/F	0.00	N/F	N/A	N/F	N/A
IVM034	Sample 14	6.00	146918.68	67814	N/A	15.201	N/A
IVM035	Sample 15	6.00	139471.84	63802	N/A	15.339	N/A
IVM036	Sample 16	6.00	138239.57	46802	N/A	20.767	N/A
IVM037	Sample 17	6.00	201953.01	68453	N/A	20.742	N/A
IVM038	Sample 18	6.00	199282.40	67264	N/A	20.830	N/A
IVM039	Sample 19	6.00	189402.21	64608	N/A	20.610	N/A
IVM040	Sample 20	6.00	192727.99	64566	N/A	20.988	N/A

Quantis Plus (QP) IVM Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/16/2025
SOP #:		**Analyte:**	Ivermectin
Batch:	IVM Feed Assay Val Set 3		

Sample Raw File Name	Sample Name	Retention Time	Peak Area	ISTD Area	Theoretical Amount (ng/mL)	Calculated Amount (ng/mL)	Percent Difference %
IVM001	BLK1	N/F	0.00	N/F	N/A	N/F	N/A
IVM041	Sample 21	6.00	47753.56	64103	N/A	5.151	N/A
IVM042	Sample 22	6.00	28753.45	38464	N/A	5.170	N/A
IVM043	Sample 23	6.00	46309.93	63284	N/A	5.058	N/A
IVM044	Sample 24	6.00	34542.02	44485	N/A	5.374	N/A
IVM045	Sample 25	6.00	49357.09	64975	N/A	5.255	N/A
IVM046	Sample 26	6.00	90796.23	47299	N/A	13.456	N/A
IVM047	BLK8	7.30	81.28	N/F	N/A	N/A	N/A
IVM048	HS	6.00	145698.93	49218	20.00	20.814	4.070
IVM049	BLK9	N/F	0.00	N/F	N/A	N/F	N/A
IVM050	Sample 27	6.00	120056.38	64791	N/A	12.985	N/A
IVM051	Sample 28	6.00	117929.11	64055	N/A	12.901	N/A
IVM052	Sample 29	6.00	123333.21	66162	N/A	13.064	N/A
IVM053	Sample 30	6.00	124010.23	66243	N/A	13.120	N/A
IVM054	Sample 31	6.00	102644.33	47388	N/A	15.198	N/A
IVM055	Sample 32	6.00	148687.11	65702	N/A	15.884	N/A
IVM056	Sample 33	6.00	147733.11	69200	N/A	14.978	N/A
IVM057	Sample 34	6.00	151622.41	68045	N/A	15.638	N/A
IVM058	Sample 35	6.00	102505.97	47479	N/A	15.148	N/A
IVM059	Sample 36	6.00	195132.09	67640	N/A	20.280	N/A
IVM060	Sample 37	6.00	203631.63	69594	N/A	20.571	N/A
IVM061	Sample 38	6.00	202581.23	68386	N/A	20.828	N/A
IVM062	Sample 39	6.00	198278.25	67123	N/A	20.769	N/A
IVM063	Sample 40	6.00	139745.55	49285	N/A	19.931	N/A
IVM064	BLK10	N/F	0.00	N/F	N/A	N/F	N/A
IVM065	Premix 1	6.00	167118.35	69372	N/A	16.916	N/A
IVM066	Premix 2	6.00	149718.02	65966	N/A	15.931	N/A
IVM067	BLK11	N/F	0.00	N/F	N/A	N/F	N/A

Quantis Plus (QP) IVM IS Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/16/2025
SOP #		**Analyte:**	IVM IS
Batch:	IVM Feed Assay Val Set 3	**Calc IS Response (Avg.):**	62042.16

Sample Raw File Name	Sample Type	Sample Name	Retention Time	Peak Area	Std Response	Percent Difference*
IVM001	Solvent	BLK1	N/F	0.00	0.00	NA
IVM002	Unknown	STD 3 CHECK 1	5.98	75330.65	62256.91	21.42%
IVM003	Unknown	STD 3 CHECK 2	5.98	64179.29	62256.91	3.44%
IVM004	Unknown	STD 3 CHECK 3	5.98	62192.07	62256.91	0.24%
IVM005	Solvent	BLK2	N/F	0.00	0.00	NA
IVM006	Cal Std	STD 1	5.98	62042.16	62256.91	0.00%
IVM007	Cal Std	STD 2	5.98	64483.17	62256.91	3.93%
IVM008	Cal Std	STD 3	5.98	41211.24	62256.91	-33.58%
IVM009	Cal Std	STD 4	5.98	65433.29	62256.91	5.47%
IVM010	Cal Std	STD 5	5.98	68420.46	62256.91	10.28%
IVM011	Cal Std	STD 6	5.98	71951.12	62256.91	15.97%
IVM012	Solvent	BLK3	N/F	0.00	0.00	NA
IVM013	Matrix Blank	Matrix 1	5.98	64978.27	62256.91	4.73%
IVM014	Matrix Blank	Matrix 2	6.03	60682.45	62256.91	-2.19%
IVM015	Solvent	BLK4	N/F	0.00	0.00	NA
IVM016	QC	LS	5.98	61506.30	62256.91	-0.86%
IVM017	Solvent	BLK5	5.93	120.70	62256.91	-99.81%
IVM018	Unknown	Sample 1	5.98	66012.11	62256.91	6.40%
IVM019	Unknown	Sample 2	5.98	61141.33	62256.91	-1.45%
IVM020	Unknown	Sample 3	5.98	62085.51	62256.91	0.07%
IVM021	Unknown	Sample 4	5.98	62767.81	62256.91	1.17%
IVM022	Unknown	Sample 5	5.98	64303.96	62256.91	3.65%
IVM023	Unknown	Sample 6	5.98	45121.93	62256.91	-27.27%
IVM024	Unknown	Sample 7	5.98	61478.65	62256.91	-0.91%
IVM025	Unknown	Sample 8	5.98	65786.05	62256.91	6.03%
IVM026	Unknown	Sample 9	5.98	68758.60	62256.91	10.83%
IVM027	Unknown	Sample 10	6.03	64066.09	62256.91	3.26%
IVM028	Unknown	Sample 11	5.98	67689.73	62256.91	9.10%
IVM029	Unknown	Sample 12	5.98	66603.73	62256.91	7.35%
IVM030	Unknown	Sample 13	5.98	69845.06	62256.91	12.58%
IVM031	Solvent	BLK6	N/F	0.00	0.00	NA
IVM032	QC	MS	5.98	66600.41	62256.91	7.35%
IVM033	Solvent	BLK7	N/F	0.00	0.00	NA
IVM034	Unknown	Sample 14	5.98	67814.15	62256.91	9.30%
IVM035	Unknown	Sample 15	5.98	63802.09	62256.91	2.84%
IVM036	Unknown	Sample 16	5.98	46801.85	62256.91	-24.56%
IVM037	Unknown	Sample 17	5.98	68453.32	62256.91	10.33%
IVM038	Unknown	Sample 18	5.98	67264.30	62256.91	8.42%
IVM039	Unknown	Sample 19	5.98	64608.18	62256.91	4.14%
IVM040	Unknown	Sample 20	5.98	64566.06	62256.91	4.07%
IVM041	Unknown	Sample 21	5.98	64102.72	62256.91	3.32%

Quantis Plus (QP) IVM IS Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/16/2025
SOP #		**Analyte:**	IVM IS
Batch:	IVM Feed Assay Val Set 3	**Calc IS Response (Avg.):**	62042.16

Sample Raw File Name	Sample Type	Sample Name	Retention Time	Peak Area	Std Response	Percent Difference*
IVM001	Solvent	BLK1	N/F	0.00	0.00	NA
IVM002	Unknown	STD 3 CHECK 1	5.98	75330.65	62256.91	21.42%
IVM042	Unknown	Sample 22	5.98	38464.41	62256.91	-38.00%
IVM043	Unknown	Sample 23	5.98	63284.13	62256.91	2.00%
IVM044	Unknown	Sample 24	5.98	44485.50	62256.91	-28.30%
IVM045	Unknown	Sample 25	5.98	64975.41	62256.91	4.73%
IVM046	Unknown	Sample 26	5.98	47299.17	62256.91	-23.76%
IVM047	Solvent	BLK8	N/F	0.00	0.00	NA
IVM048	QC	HS	5.98	49217.81	62256.91	-20.67%
IVM049	Solvent	BLK9	N/F	0.00	0.00	NA
IVM050	Unknown	Sample 27	5.98	64791.34	62256.91	4.43%
IVM051	Unknown	Sample 28	5.98	64054.53	62256.91	3.24%
IVM052	Unknown	Sample 29	5.98	66162.39	62256.91	6.64%
IVM053	Unknown	Sample 30	5.98	66243.31	62256.91	6.77%
IVM054	Unknown	Sample 31	5.98	47388.19	62256.91	-23.62%
IVM055	Unknown	Sample 32	5.98	65702.36	62256.91	5.90%
IVM056	Unknown	Sample 33	5.98	69199.96	62256.91	11.54%
IVM057	Unknown	Sample 34	5.98	68045.10	62256.91	9.68%
IVM058	Unknown	Sample 35	5.98	47478.92	62256.91	-23.47%
IVM059	Unknown	Sample 36	5.98	67639.93	62256.91	9.02%
IVM060	Unknown	Sample 37	5.98	69593.72	62256.91	12.17%
IVM061	Unknown	Sample 38	5.98	68385.76	62256.91	10.22%
IVM062	Unknown	Sample 39	5.98	67123.23	62256.91	8.19%
IVM063	Unknown	Sample 40	5.98	49284.72	62256.91	-20.56%
IVM064	Solvent	BLK10	N/F	0.00	0.00	NA
IVM065	Unknown	Premix 1	5.98	69372.32	62256.91	11.81%
IVM066	Unknown	Premix 2	5.98	65966.28	62256.91	6.32%
IVM067	Solvent	BLK11	N/F	0.00	0.00	NA

(1)-Average IS Response may include blank due to software bug. Used averageifs formula to caluculate IS Response (Avg) and updated % deviation calculation 10/27/22. -DMP

NOTE: Data chromatography is filtered to remove LFFM samples from report. -DMP 9/20/2023

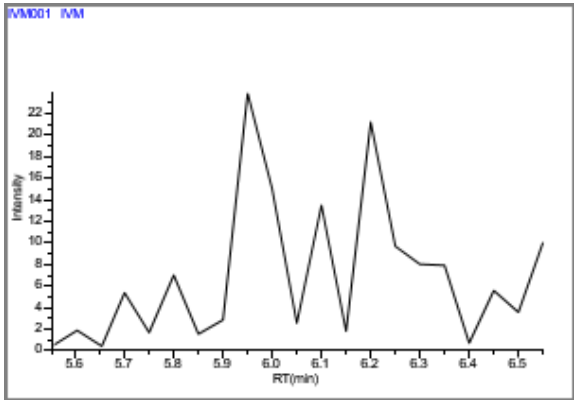
Layout updated. -DMP 9/16/2023

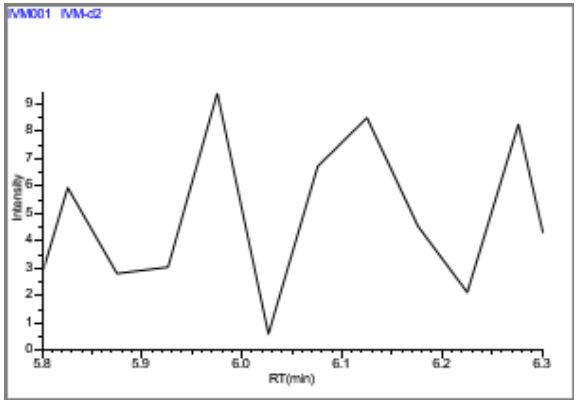
Quantis Plus (QP) Chromatograms

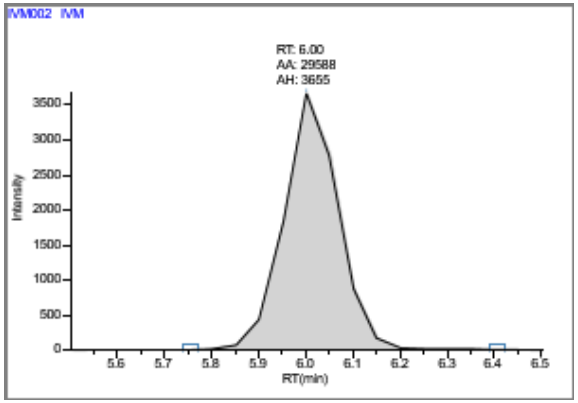
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

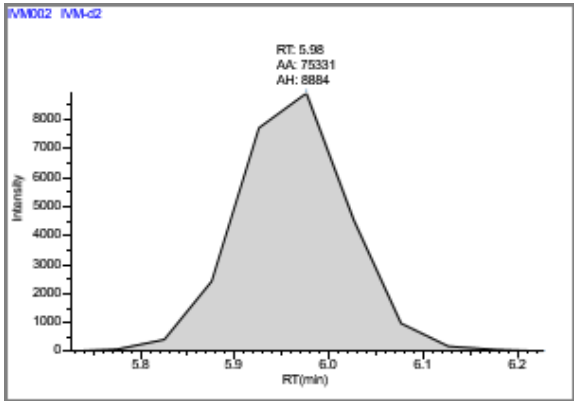
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM001**	**File Name:**	**IVM001**	**File Name:**	**IVM002**
Sample Name:	**BLK1**	**Sample Name:**	**BLK1**	**Sample Name:**	**STD 3 CHECK 1**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

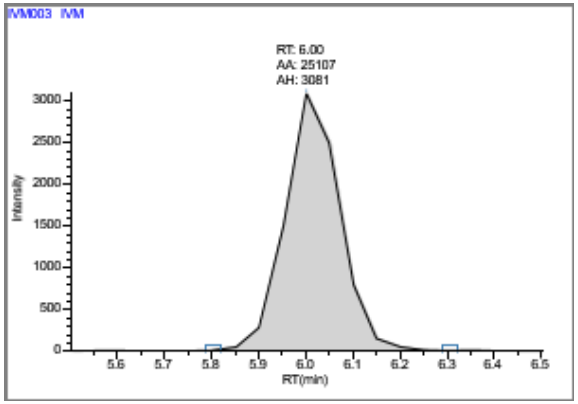


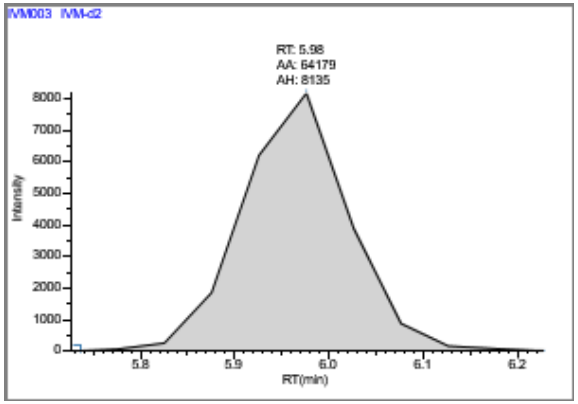




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM002**	**File Name:**	**IVM003**	**File Name:**	**IVM003**
Sample Name:	**STD 3 CHECK 1**	**Sample Name:**	**STD 3 CHECK 2**	**Sample Name:**	**STD 3 CHECK 2**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







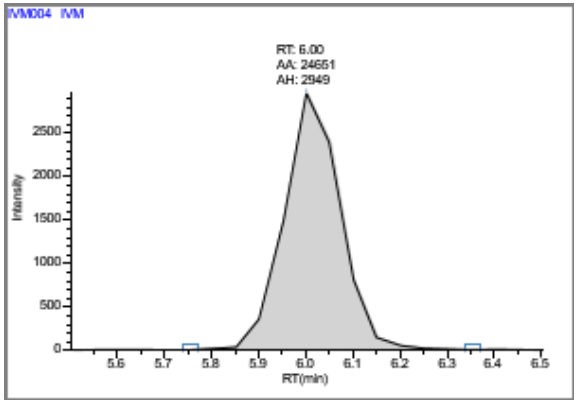
Layout updated. -DMP 9/16/2023

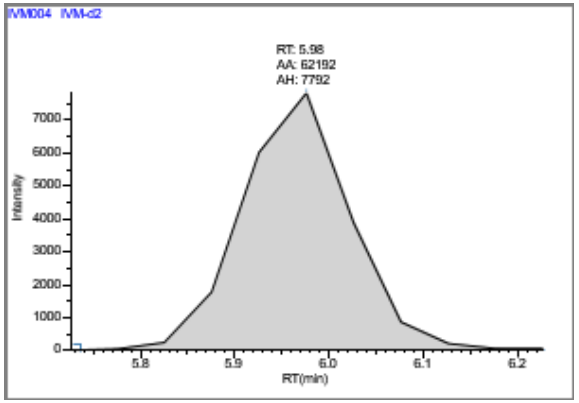
Quantis Plus (QP) Chromatograms

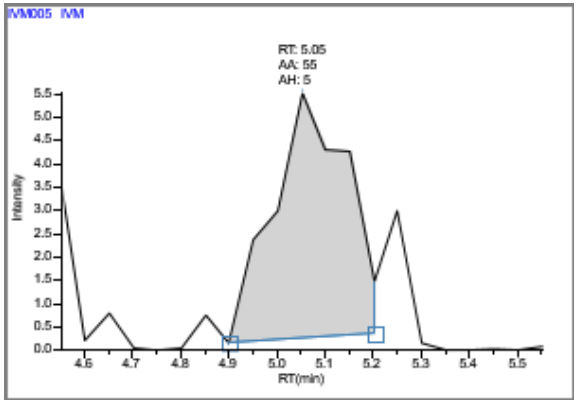
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

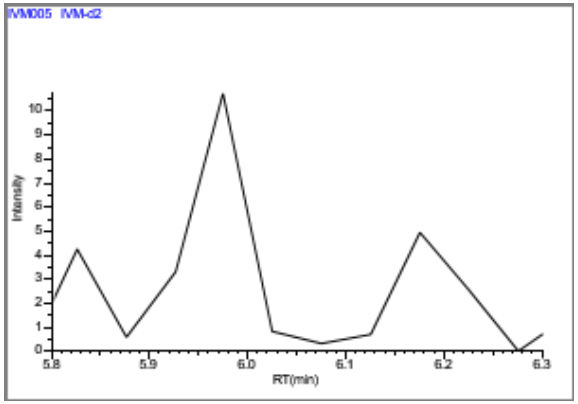
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM004	File Name:	IVM004	File Name:	IVM005
Sample Name:	STD 3 CHECK 3	Sample Name:	STD 3 CHECK 3	Sample Name:	BLK2
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE

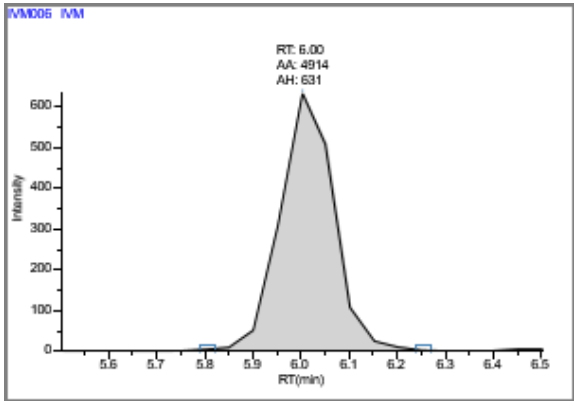


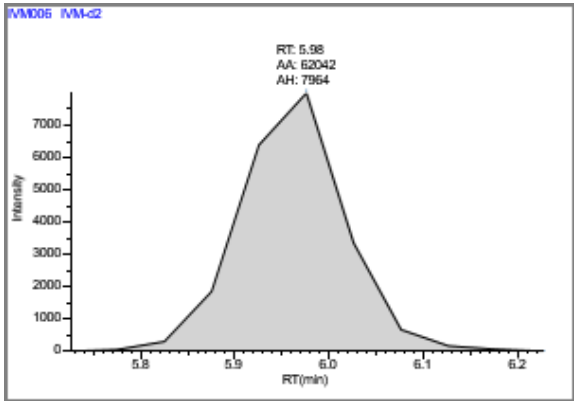




Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM005	File Name:	IVM006	File Name:	IVM006
Sample Name:	BLK2	Sample Name:	STD 1	Sample Name:	STD 1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE







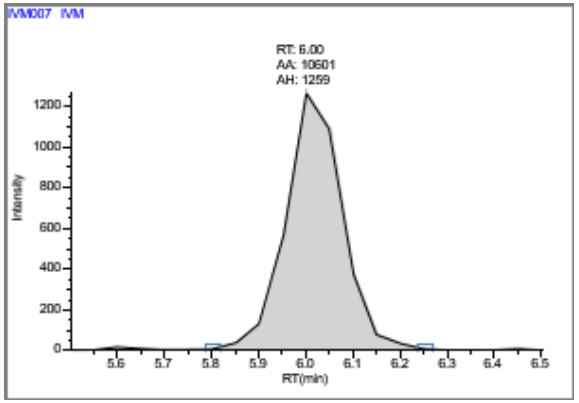
Layout updated. -DMP 9/16/2023

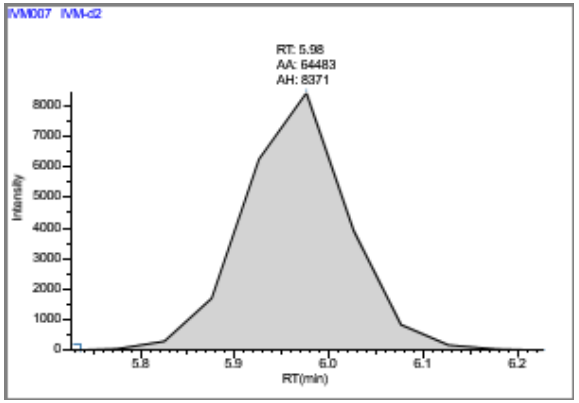
Quantis Plus (QP) Chromatograms

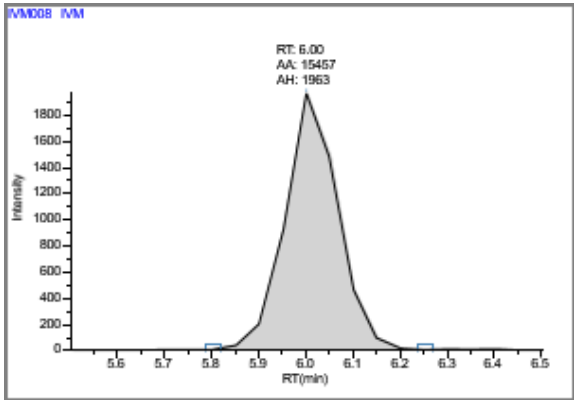
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

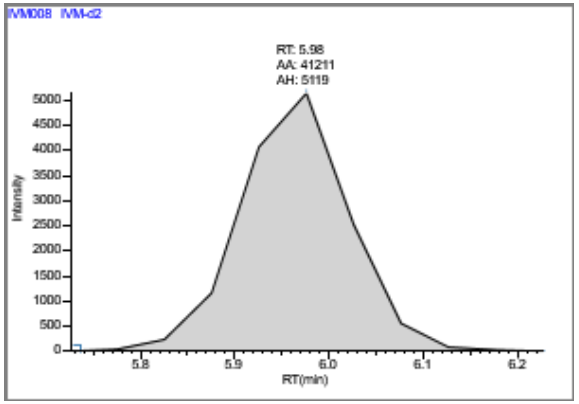
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM007	File Name:	IVM007	File Name:	IVM008
Sample Name:	STD 2	Sample Name:	STD 2	Sample Name:	STD 3
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE

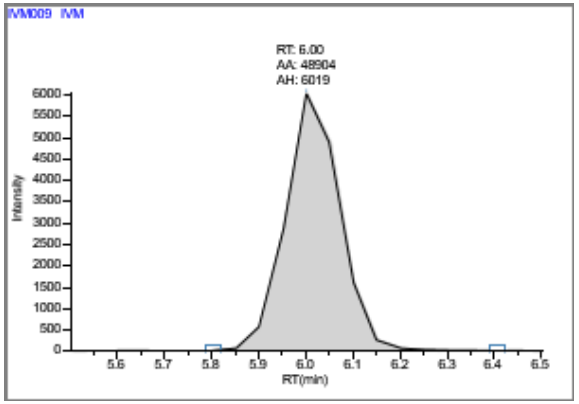


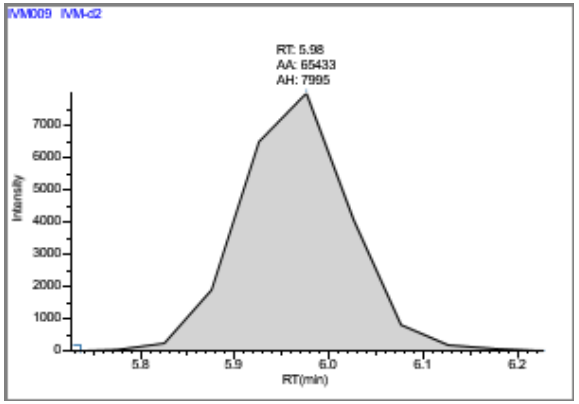




Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM008	File Name:	IVM009	File Name:	IVM009
Sample Name:	STD 3	Sample Name:	STD 4	Sample Name:	STD 4
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE







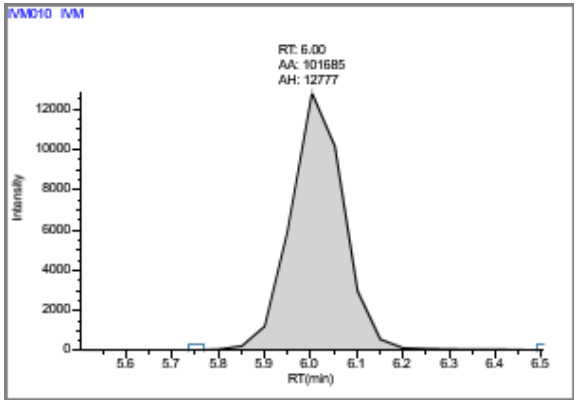
Layout updated. -DMP 9/16/2023

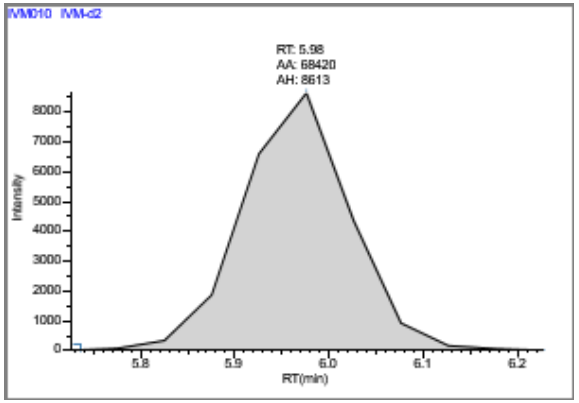
Quantis Plus (QP) Chromatograms

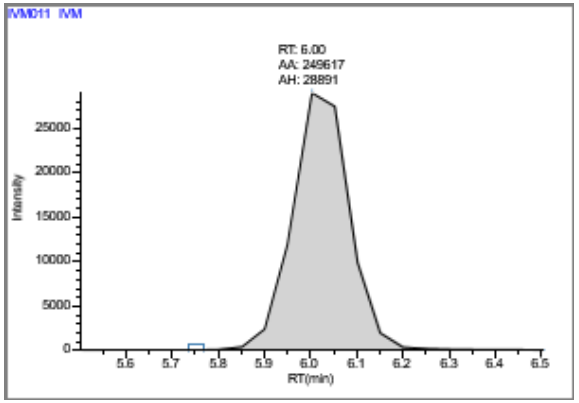
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

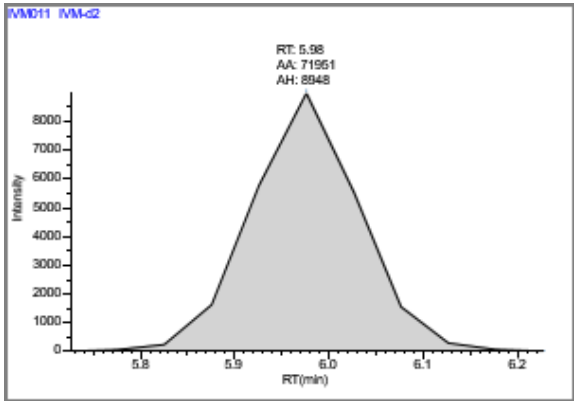
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM010**	**File Name:**	**IVM010**	**File Name:**	**IVM011**
Sample Name:	**STD 5**	**Sample Name:**	**STD 5**	**Sample Name:**	**STD 6**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

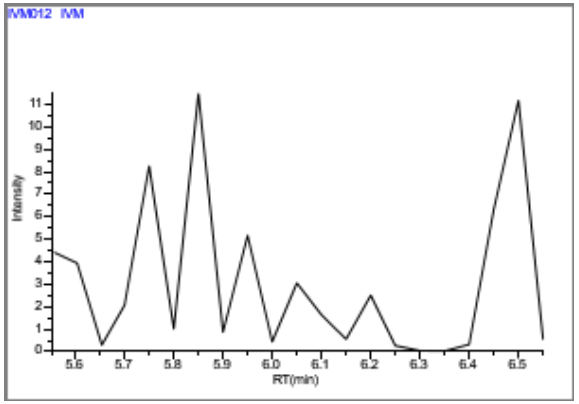


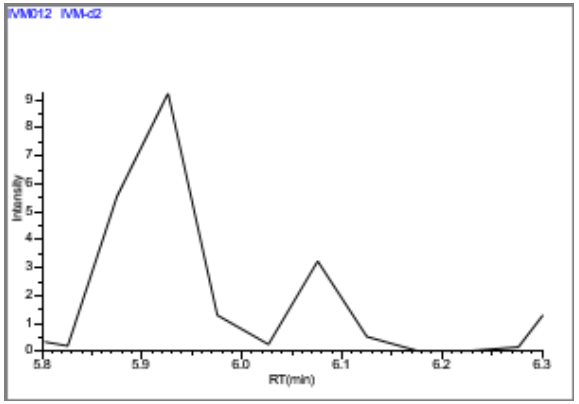




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM011**	**File Name:**	**IVM012**	**File Name:**	**IVM012**
Sample Name:	**STD 6**	**Sample Name:**	**BLK3**	**Sample Name:**	**BLK3**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







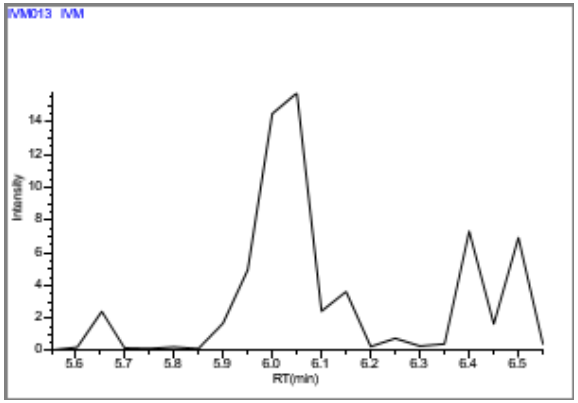
Layout updated. -DMP 9/16/2023

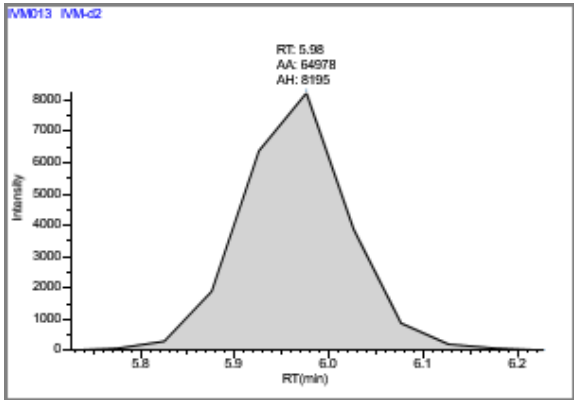
Quantis Plus (QP) Chromatograms

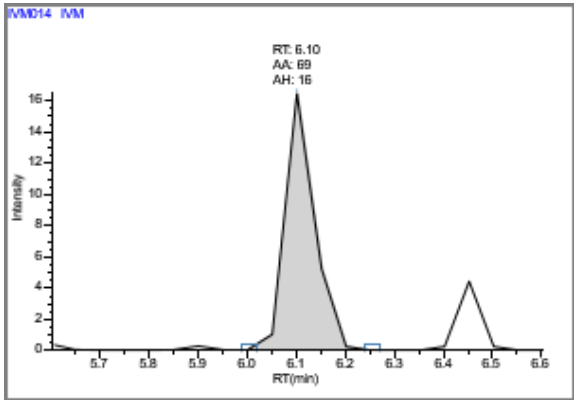
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

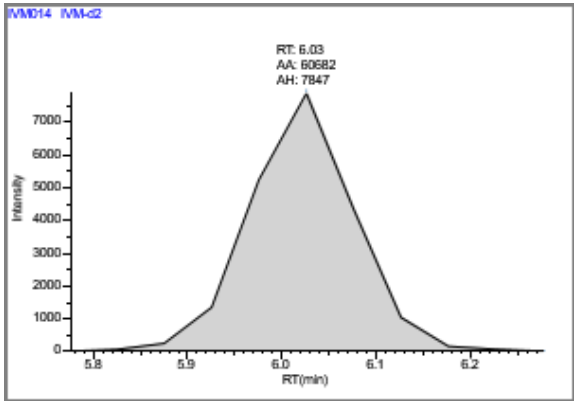
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM013**	**File Name:**	**IVM013**	**File Name:**	**IVM014**
Sample Name:	**Matrix 1**	**Sample Name:**	**Matrix 1**	**Sample Name:**	**Matrix 2**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

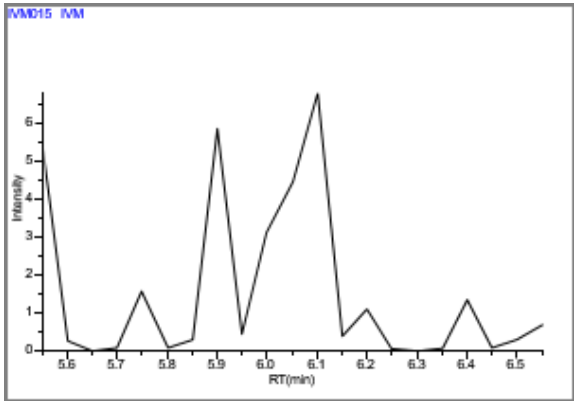


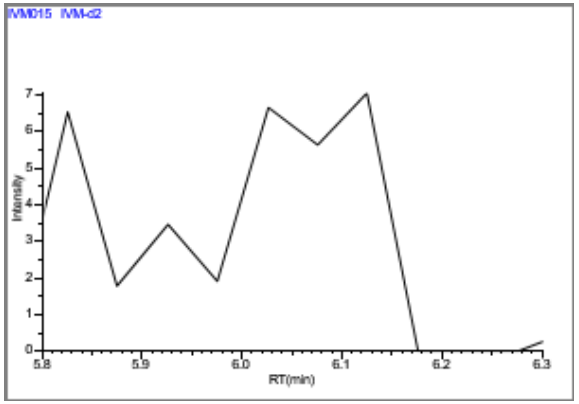




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM014**	**File Name:**	**IVM015**	**File Name:**	**IVM015**
Sample Name:	**Matrix 2**	**Sample Name:**	**BLK4**	**Sample Name:**	**BLK4**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







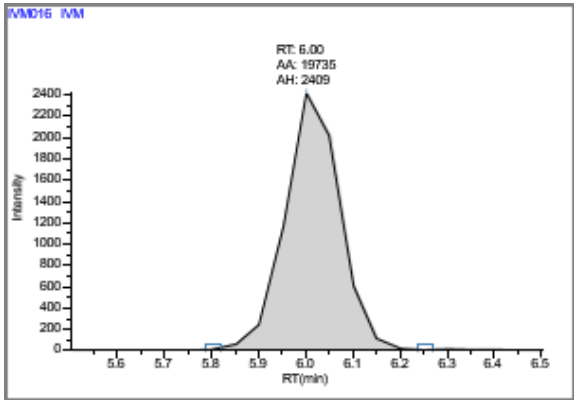
Layout updated. -DMP 9/16/2023

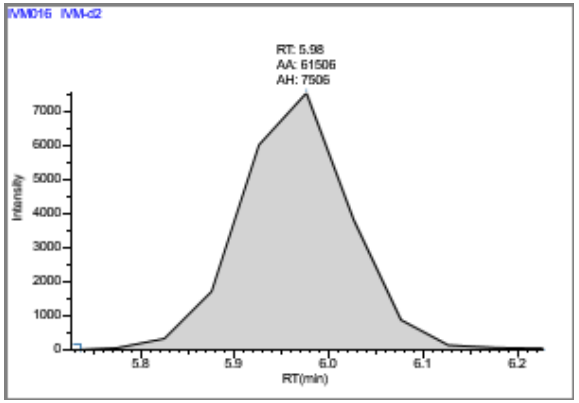
Quantis Plus (QP) Chromatograms

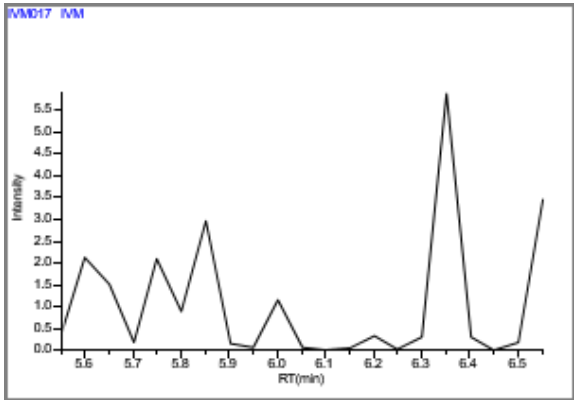
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

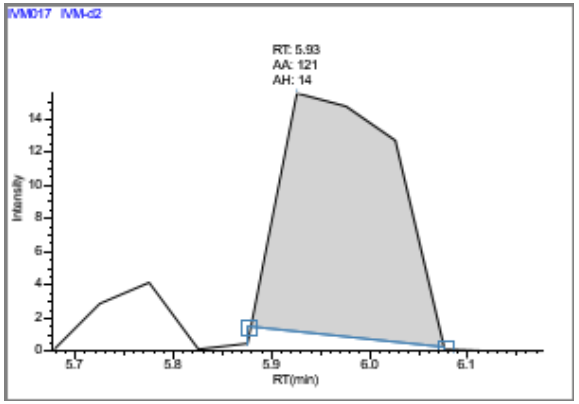
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM016**	**File Name:**	**IVM016**	**File Name:**	**IVM017**
Sample Name:	**LS**	**Sample Name:**	**LS**	**Sample Name:**	**BLK5**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

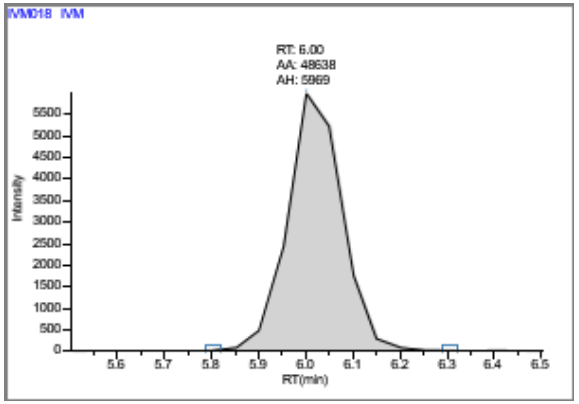


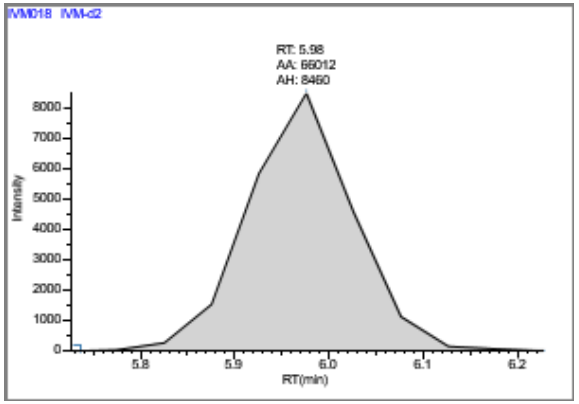




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM017**	**File Name:**	**IVM018**	**File Name:**	**IVM018**
Sample Name:	**BLK5**	**Sample Name:**	**Sample 1**	**Sample Name:**	**Sample 1**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







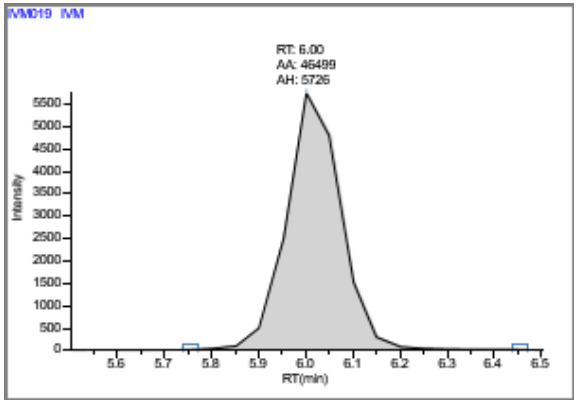
Layout updated. -DMP 9/16/2023

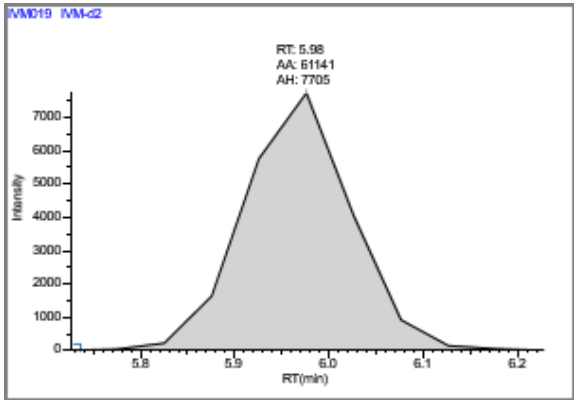
Quantis Plus (QP) Chromatograms

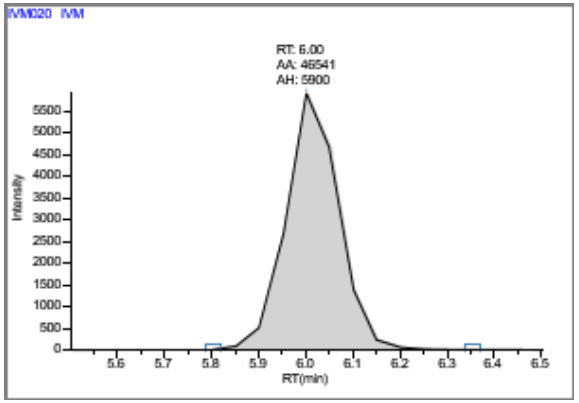
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

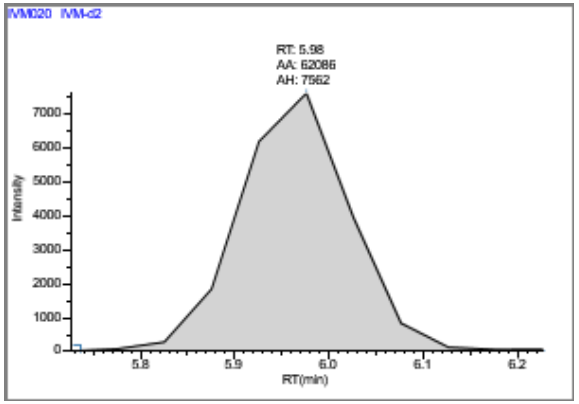
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM019**	**File Name:**	**IVM019**	**File Name:**	**IVM020**
Sample Name:	**Sample 2**	**Sample Name:**	**Sample 2**	**Sample Name:**	**Sample 3**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

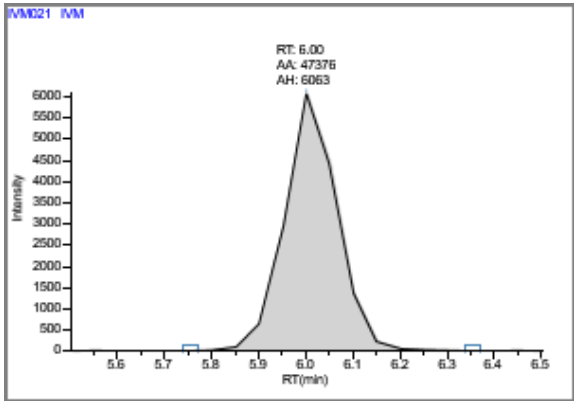


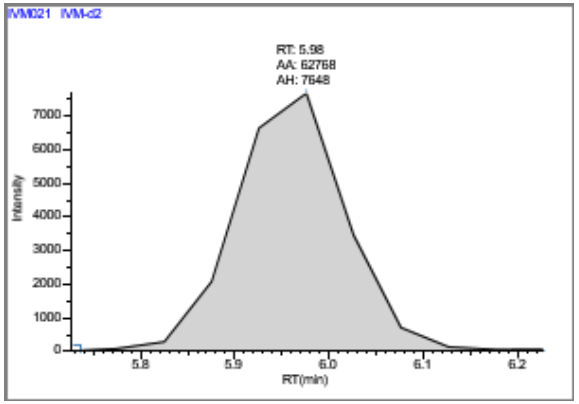




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM020**	**File Name:**	**IVM021**	**File Name:**	**IVM021**
Sample Name:	**Sample 3**	**Sample Name:**	**Sample 4**	**Sample Name:**	**Sample 4**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







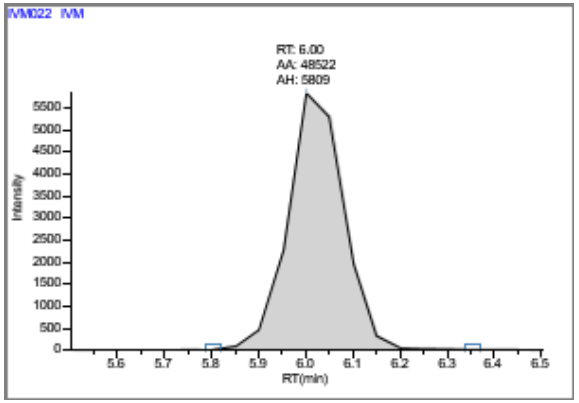
Layout updated. -DMP 9/16/2023

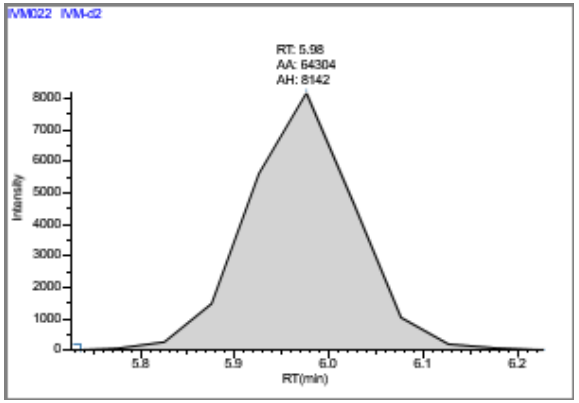
Quantis Plus (QP) Chromatograms

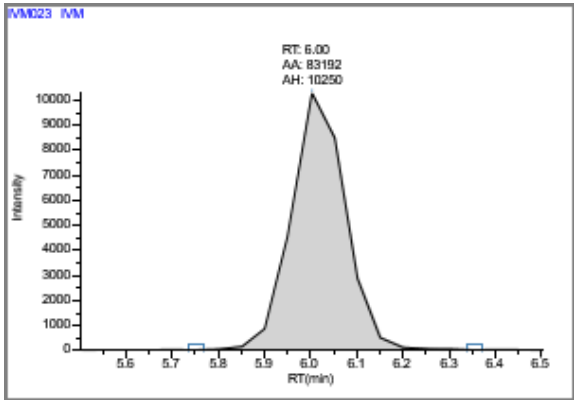
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

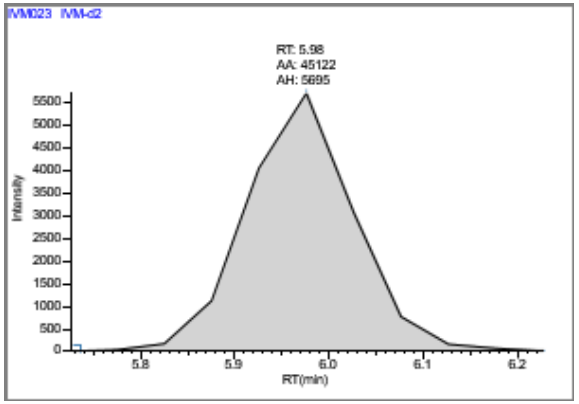
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM022**	**File Name:**	**IVM022**	**File Name:**	**IVM023**
Sample Name:	**Sample 5**	**Sample Name:**	**Sample 5**	**Sample Name:**	**Sample 6**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

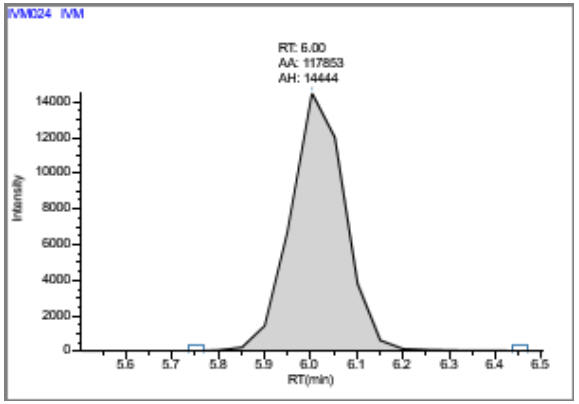


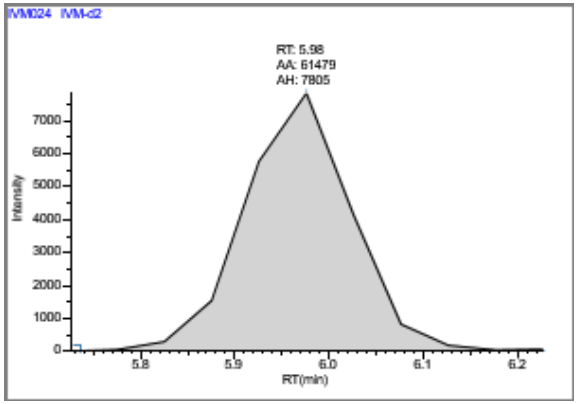




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM023**	**File Name:**	**IVM024**	**File Name:**	**IVM024**
Sample Name:	**Sample 6**	**Sample Name:**	**Sample 7**	**Sample Name:**	**Sample 7**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







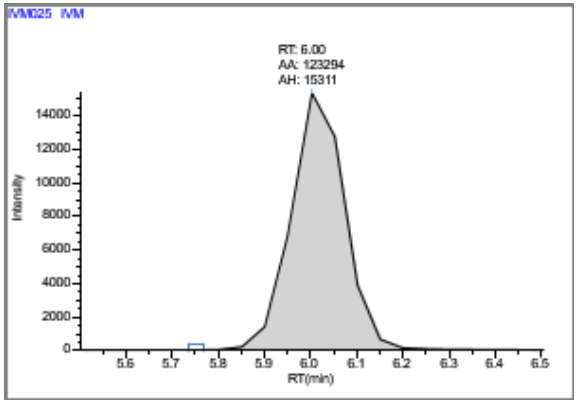
Layout updated. -DMP 9/16/2023

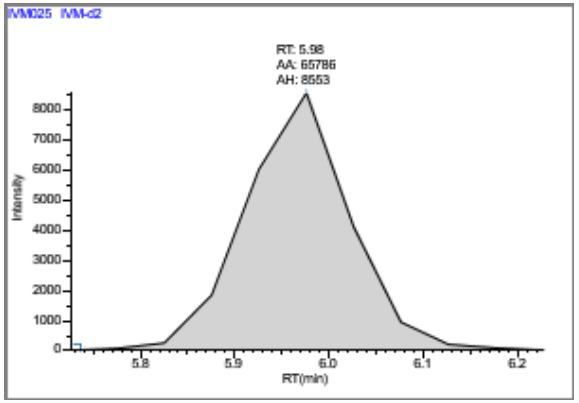
Quantis Plus (QP) Chromatograms

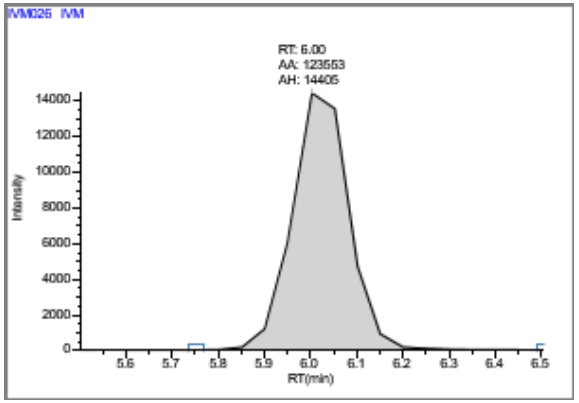
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

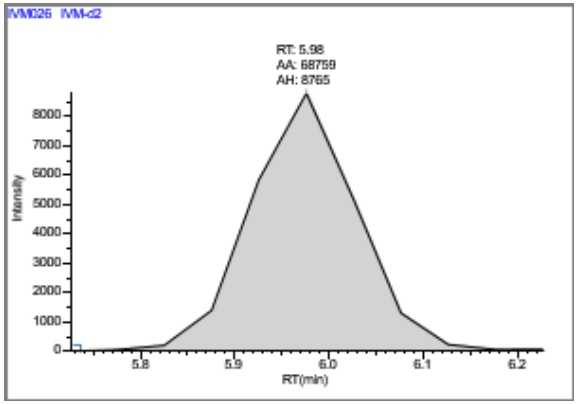
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM025**	**File Name:**	**IVM025**	**File Name:**	**IVM026**
Sample Name:	**Sample 8**	**Sample Name:**	**Sample 8**	**Sample Name:**	**Sample 9**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

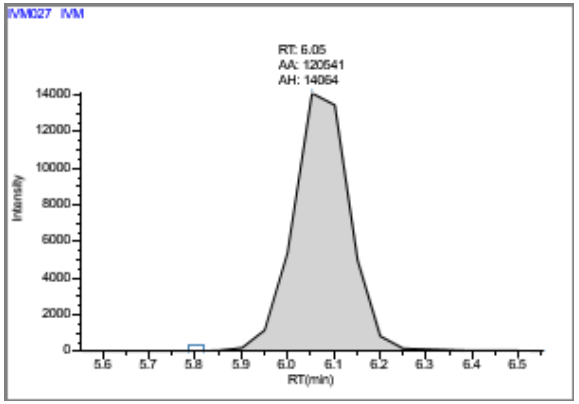


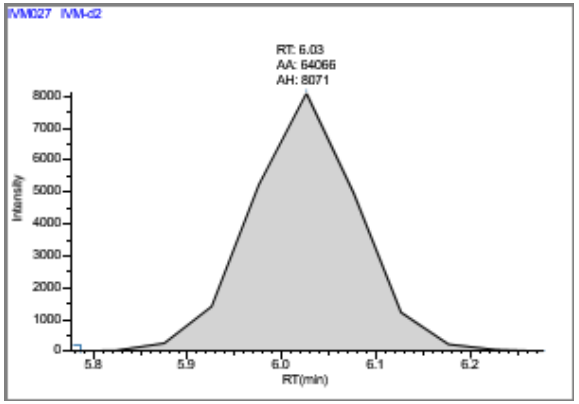




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM026**	**File Name:**	**IVM027**	**File Name:**	**IVM027**
Sample Name:	**Sample 9**	**Sample Name:**	**Sample 10**	**Sample Name:**	**Sample 10**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







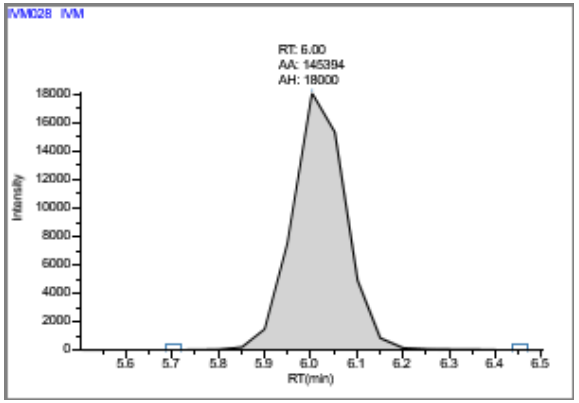
Layout updated. -DMP 9/16/2023

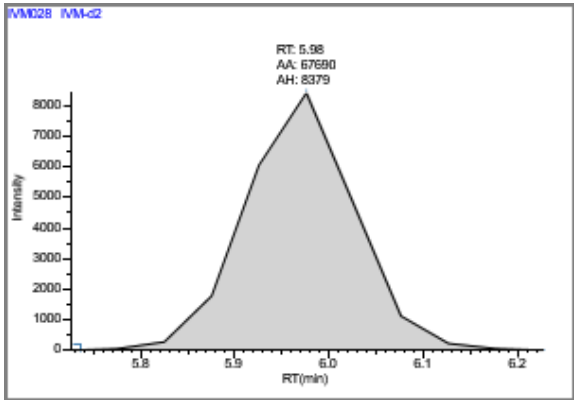
Quantis Plus (QP) Chromatograms

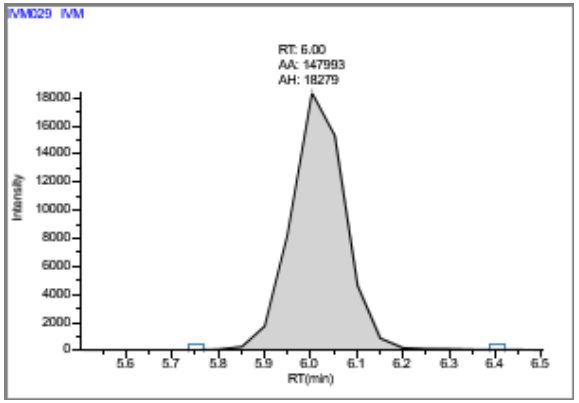
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

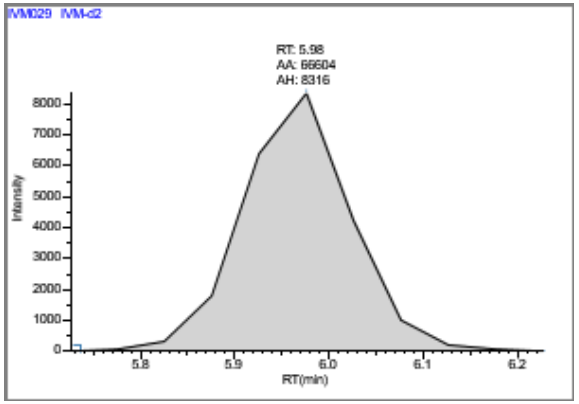
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM028**	**File Name:**	**IVM028**	**File Name:**	**IVM029**
Sample Name:	**Sample 11**	**Sample Name:**	**Sample 11**	**Sample Name:**	**Sample 12**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

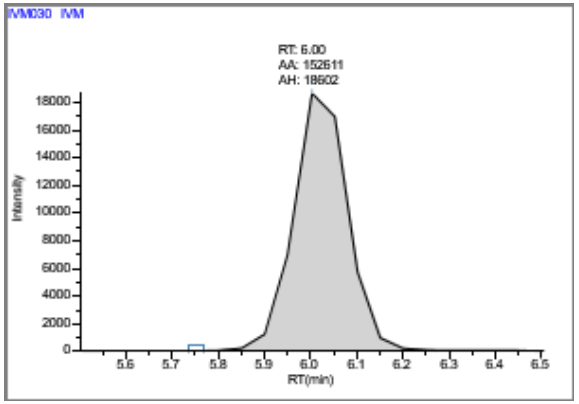


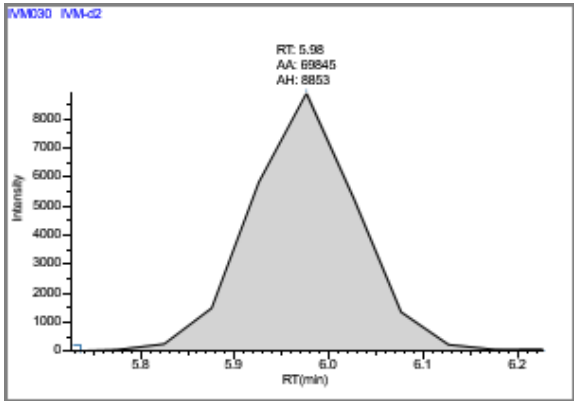




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM029**	**File Name:**	**IVM030**	**File Name:**	**IVM030**
Sample Name:	**Sample 12**	**Sample Name:**	**Sample 13**	**Sample Name:**	**Sample 13**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







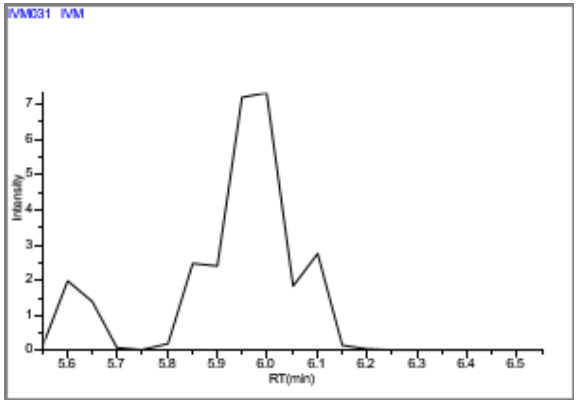
Layout updated. -DMP 9/16/2023

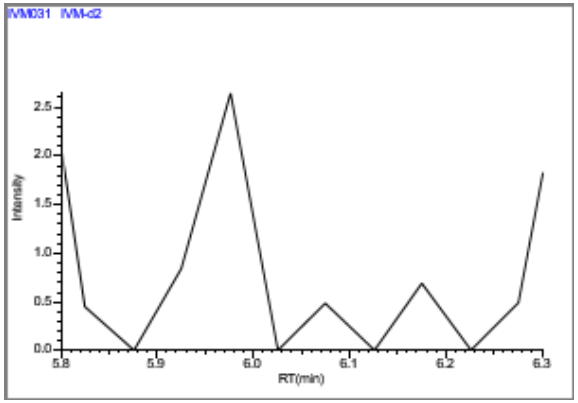
Quantis Plus (QP) Chromatograms

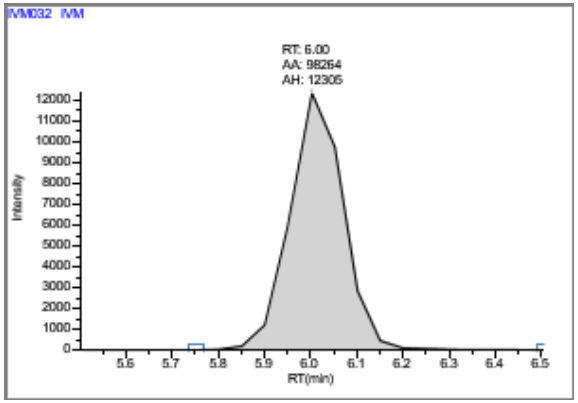
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

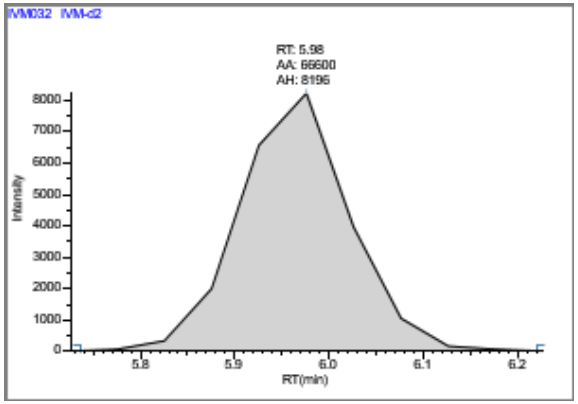
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM031**	**File Name:**	**IVM031**	**File Name:**	**IVM032**
Sample Name:	**BLK6**	**Sample Name:**	**BLK6**	**Sample Name:**	**MS**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

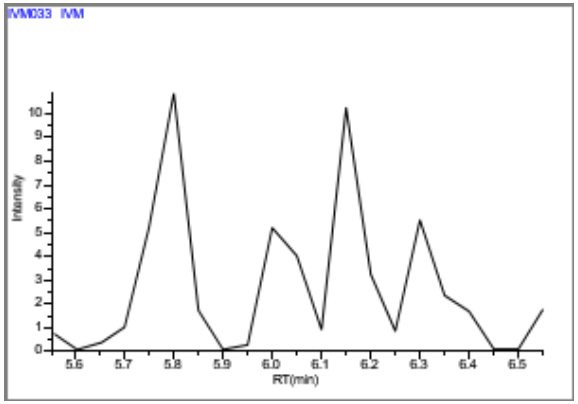


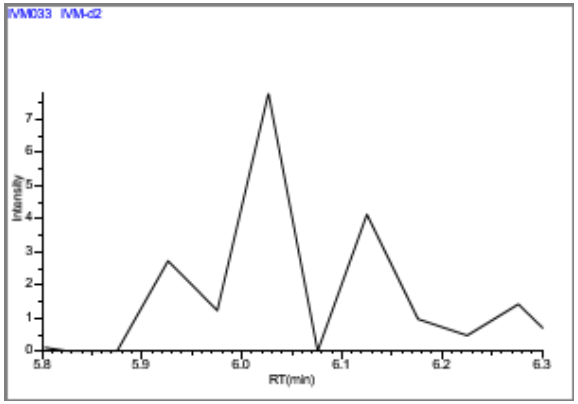




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM032**	**File Name:**	**IVM033**	**File Name:**	**IVM033**
Sample Name:	**MS**	**Sample Name:**	**BLK7**	**Sample Name:**	**BLK7**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







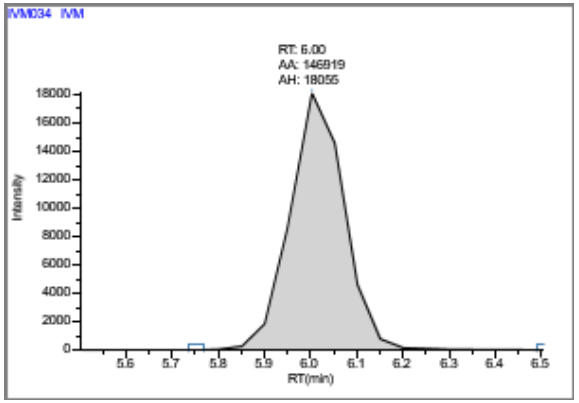
Layout updated. -DMP 9/16/2023

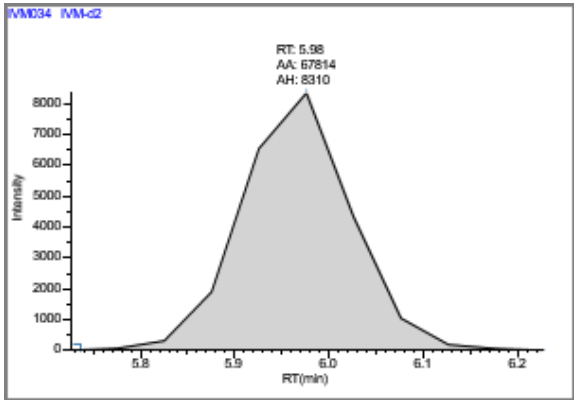
Quantis Plus (QP) Chromatograms

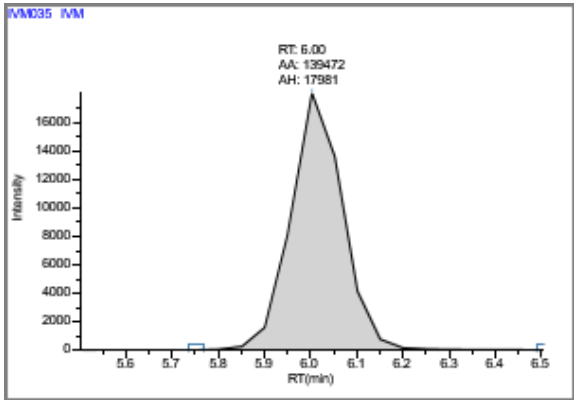
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

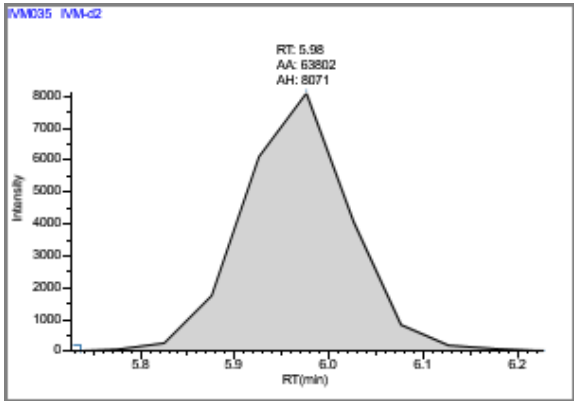
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM034**	**File Name:**	**IVM034**	**File Name:**	**IVM035**
Sample Name:	**Sample 14**	**Sample Name:**	**Sample 14**	**Sample Name:**	**Sample 15**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

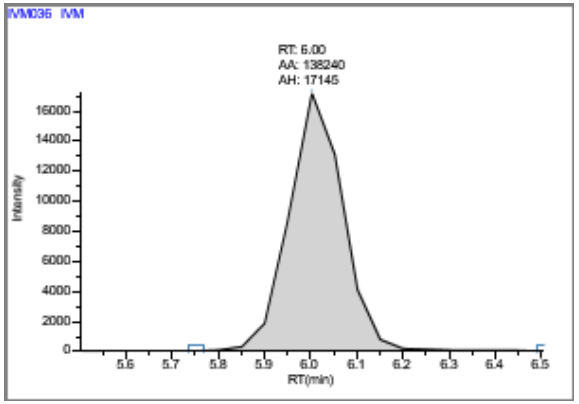


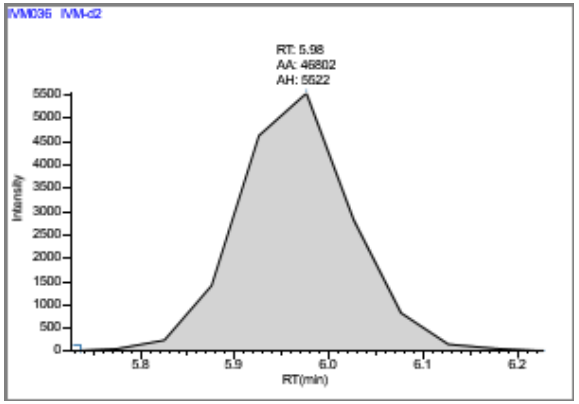




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM035**	**File Name:**	**IVM036**	**File Name:**	**IVM036**
Sample Name:	**Sample 15**	**Sample Name:**	**Sample 16**	**Sample Name:**	**Sample 16**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







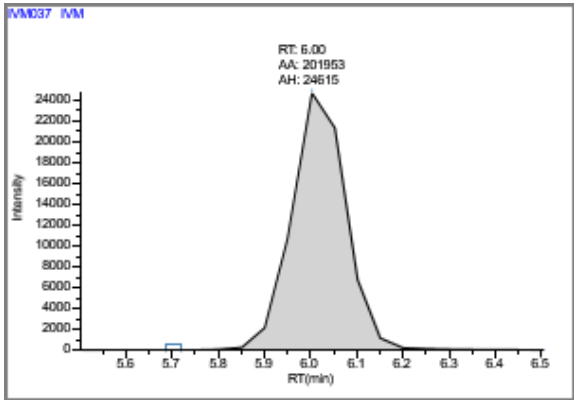
Layout updated. -DMP 9/16/2023

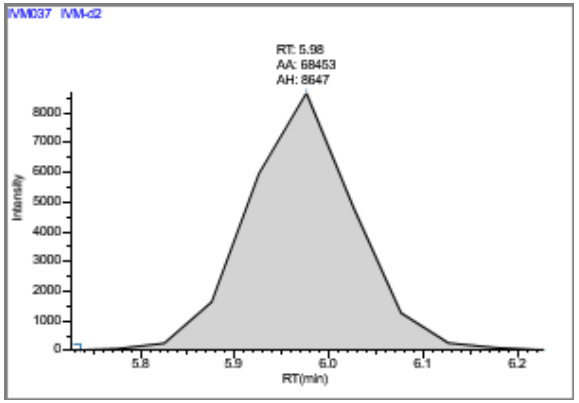
Quantis Plus (QP) Chromatograms

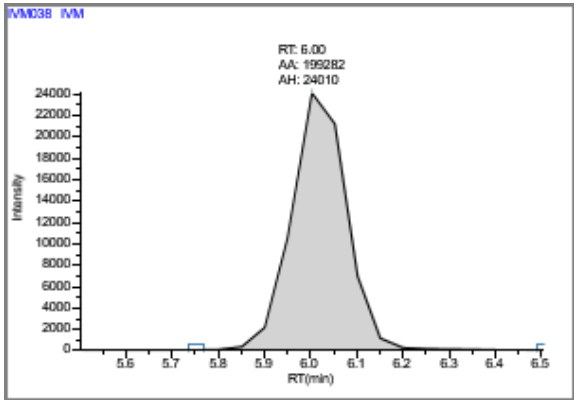
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

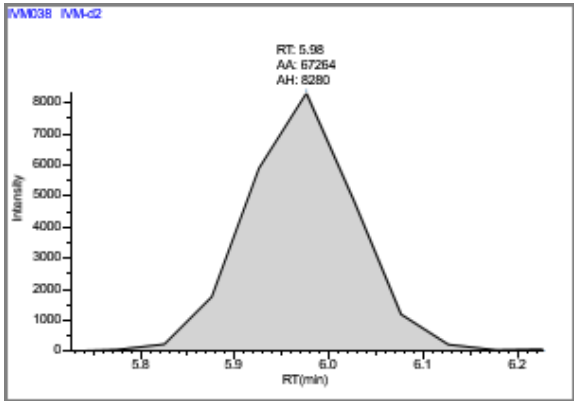
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM037**	**File Name:**	**IVM037**	**File Name:**	**IVM038**
Sample Name:	**Sample 17**	**Sample Name:**	**Sample 17**	**Sample Name:**	**Sample 18**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

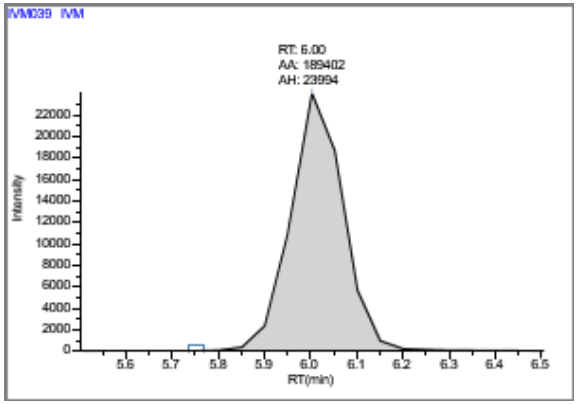


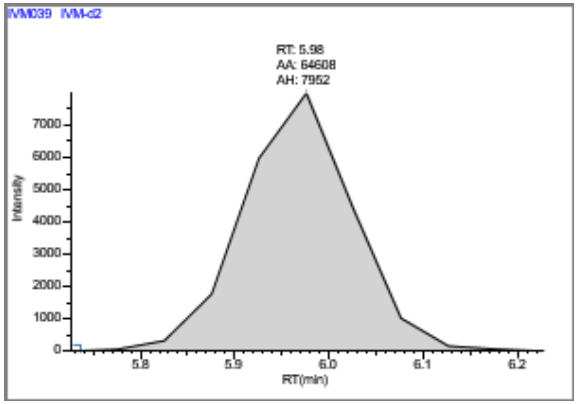




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM038**	**File Name:**	**IVM039**	**File Name:**	**IVM039**
Sample Name:	**Sample 18**	**Sample Name:**	**Sample 19**	**Sample Name:**	**Sample 19**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







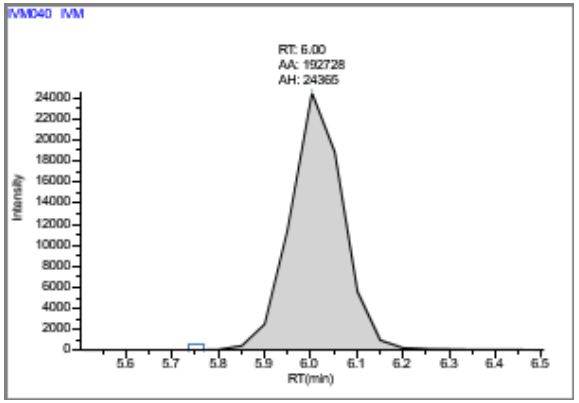
Layout updated. -DMP 9/16/2023

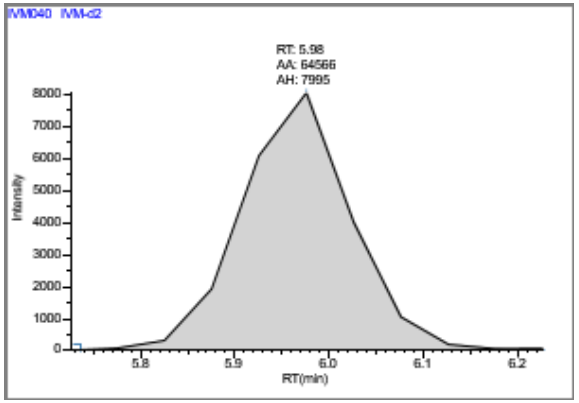
Quantis Plus (QP) Chromatograms

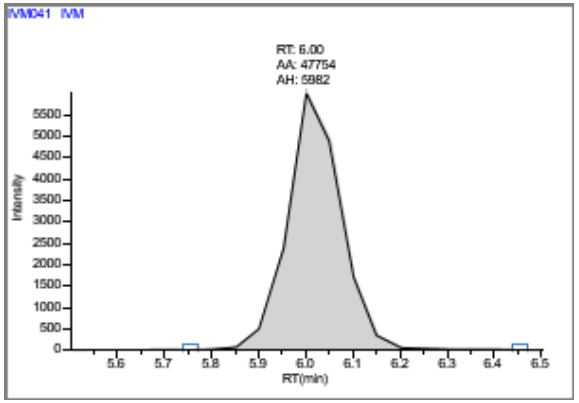
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

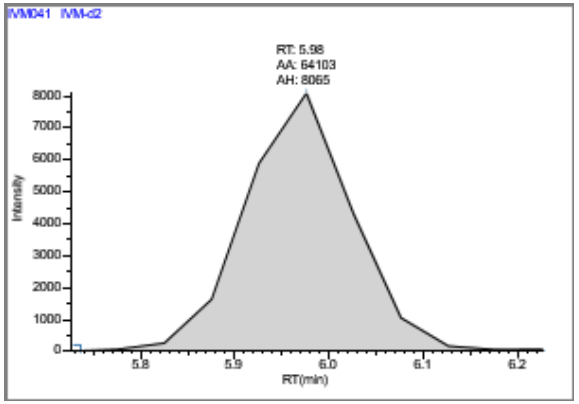
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM040**	**File Name:**	**IVM040**	**File Name:**	**IVM041**
Sample Name:	**Sample 20**	**Sample Name:**	**Sample 20**	**Sample Name:**	**Sample 21**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

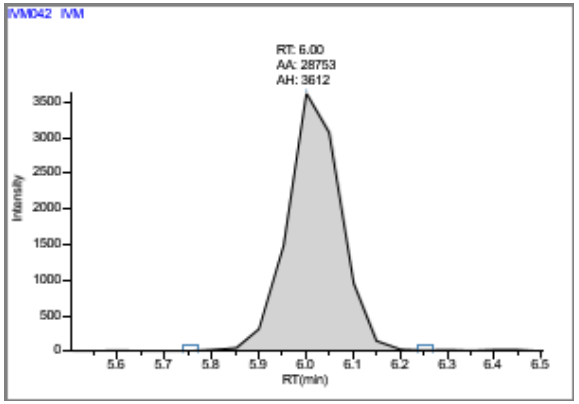


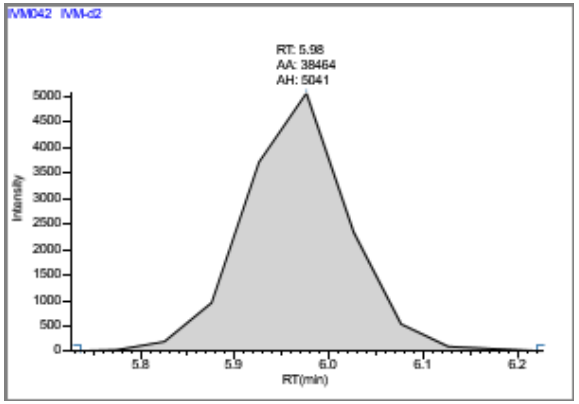




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM041**	**File Name:**	**IVM042**	**File Name:**	**IVM042**
Sample Name:	**Sample 21**	**Sample Name:**	**Sample 22**	**Sample Name:**	**Sample 22**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







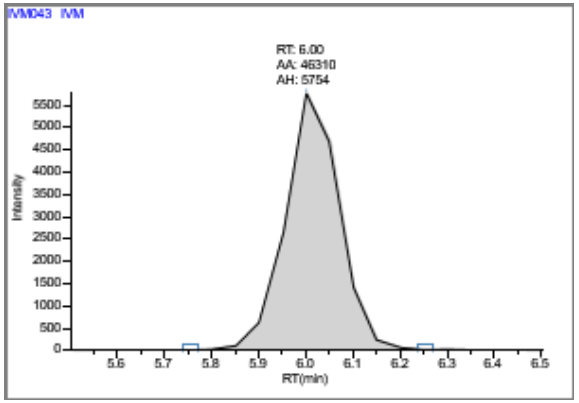
Layout updated. -DMP 9/16/2023

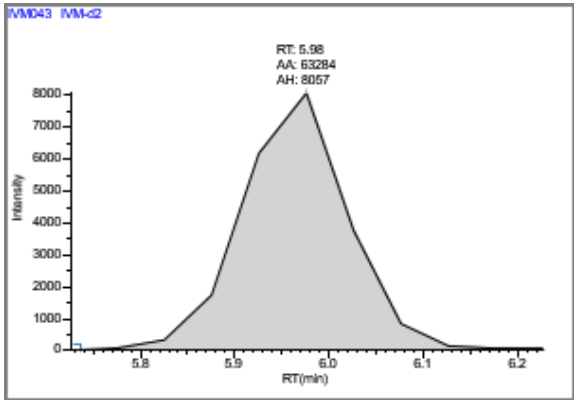
Quantis Plus (QP) Chromatograms

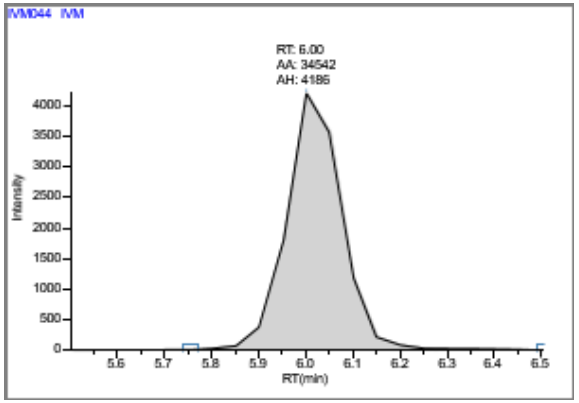
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

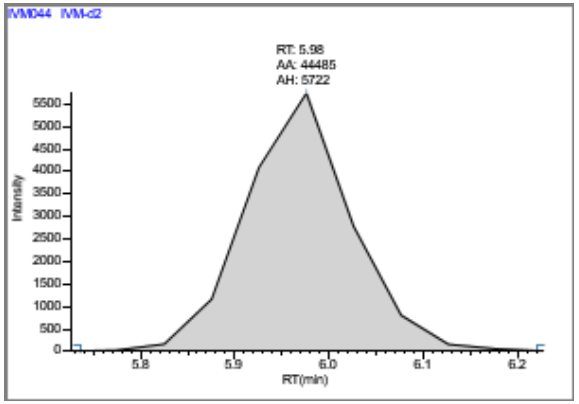
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM043**	**File Name:**	**IVM043**	**File Name:**	**IVM044**
Sample Name:	**Sample 23**	**Sample Name:**	**Sample 23**	**Sample Name:**	**Sample 24**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

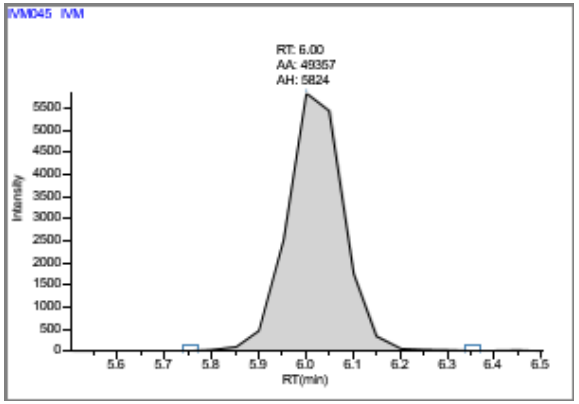


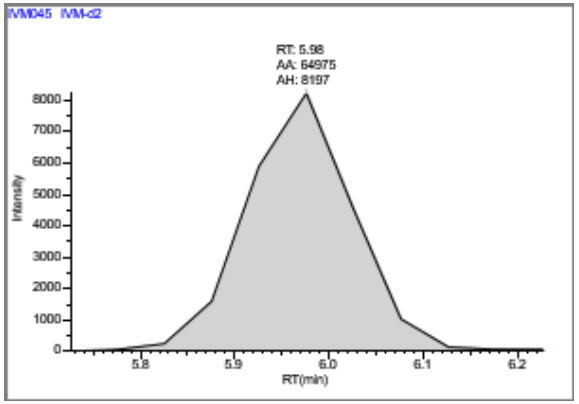




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM044**	**File Name:**	**IVM045**	**File Name:**	**IVM045**
Sample Name:	**Sample 24**	**Sample Name:**	**Sample 25**	**Sample Name:**	**Sample 25**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







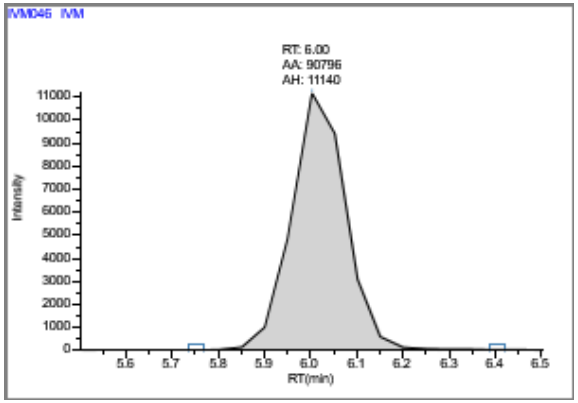
Layout updated. -DMP 9/16/2023

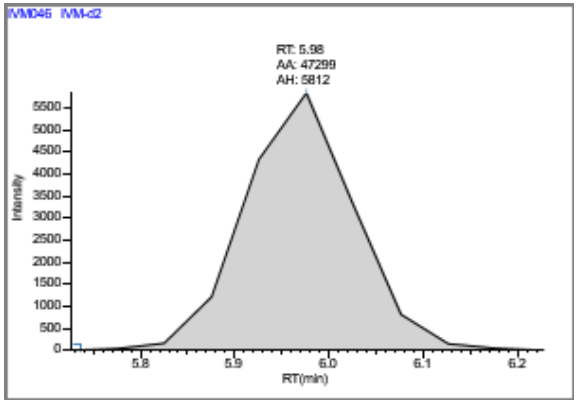
Quantis Plus (QP) Chromatograms

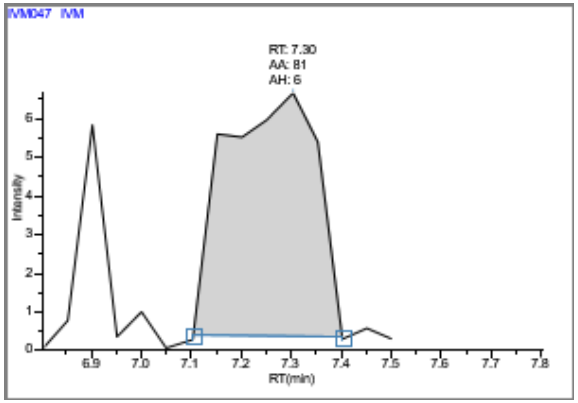
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

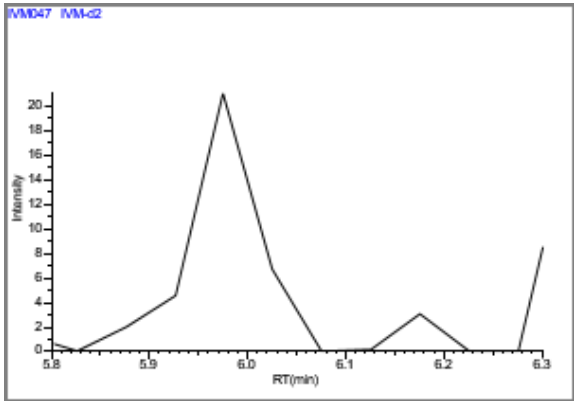
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM046**	**File Name:**	**IVM046**	**File Name:**	**IVM047**
Sample Name:	**Sample 26**	**Sample Name:**	**Sample 26**	**Sample Name:**	**BLK8**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

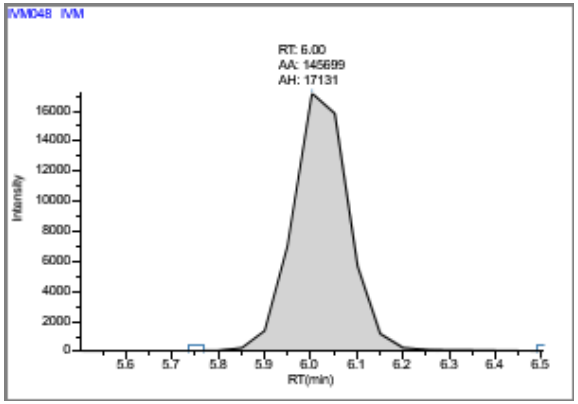


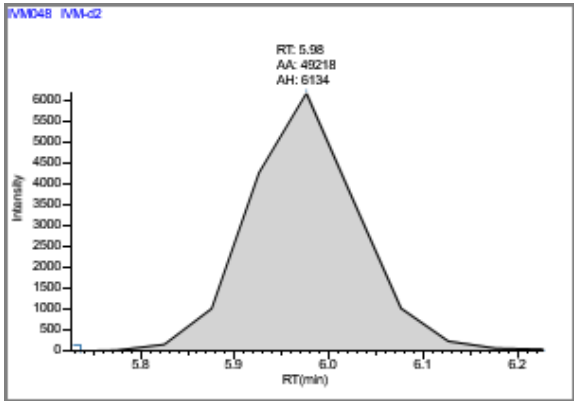




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM047**	**File Name:**	**IVM048**	**File Name:**	**IVM048**
Sample Name:	**BLK8**	**Sample Name:**	**HS**	**Sample Name:**	**HS**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







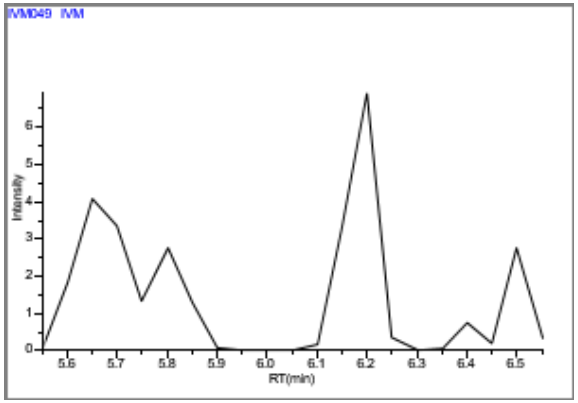
Layout updated. -DMP 9/16/2023

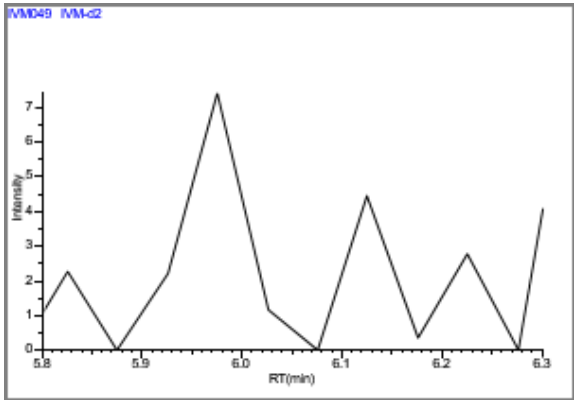
Quantis Plus (QP) Chromatograms

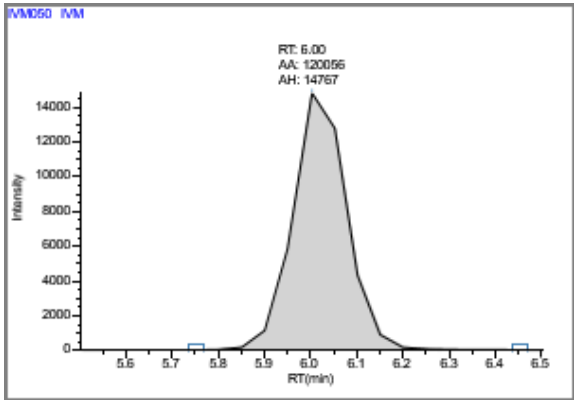
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

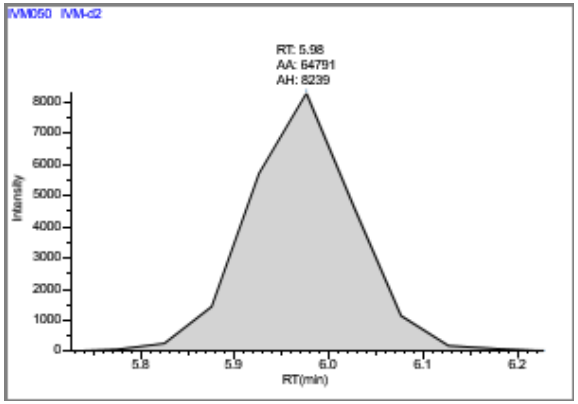
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM049**	**File Name:**	**IVM049**	**File Name:**	**IVM050**
Sample Name:	**BLK9**	**Sample Name:**	**BLK9**	**Sample Name:**	**Sample 27**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

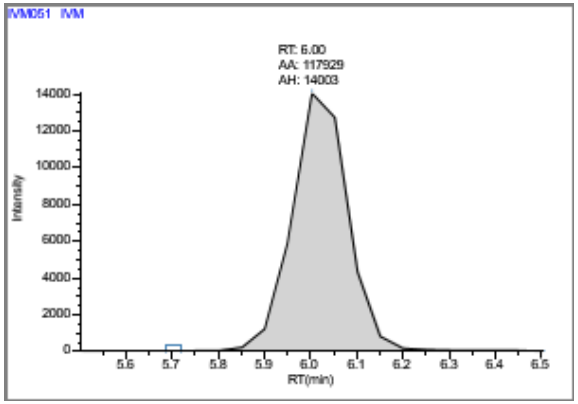


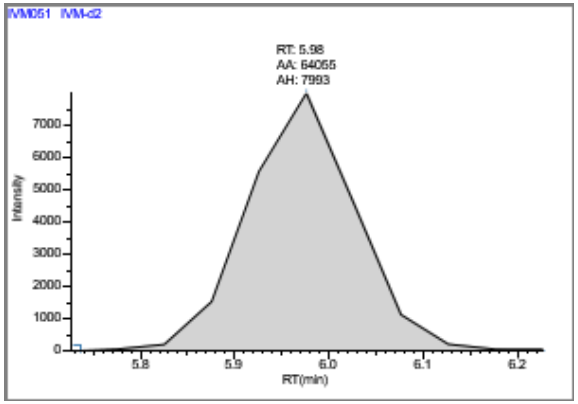




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM050**	**File Name:**	**IVM051**	**File Name:**	**IVM051**
Sample Name:	**Sample 27**	**Sample Name:**	**Sample 28**	**Sample Name:**	**Sample 28**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







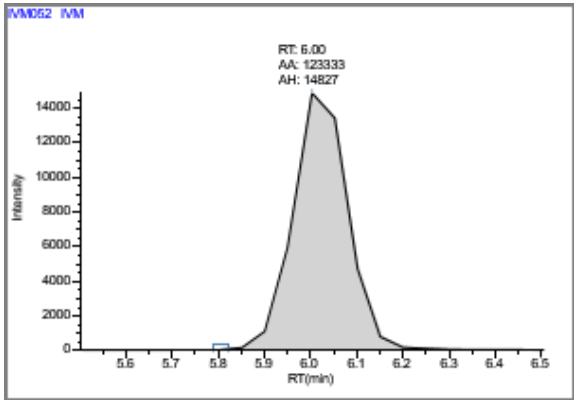
Layout updated. -DMP 9/16/2023

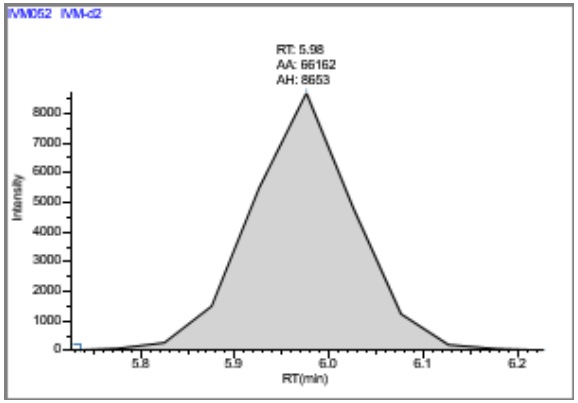
Quantis Plus (QP) Chromatograms

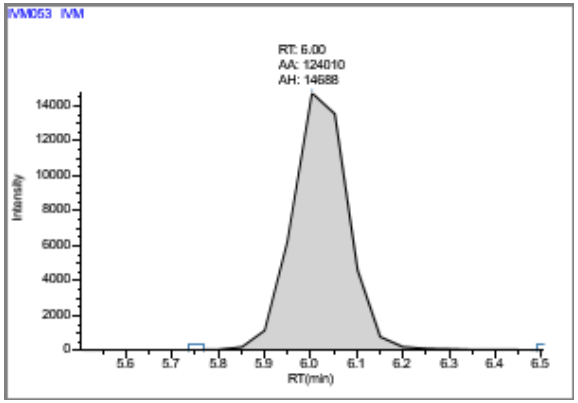
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

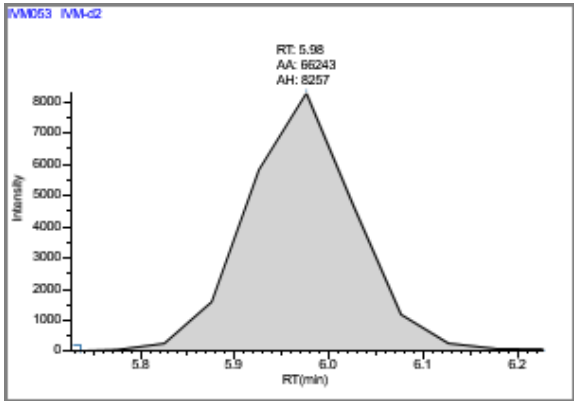
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM052**	**File Name:**	**IVM052**	**File Name:**	**IVM053**
Sample Name:	**Sample 29**	**Sample Name:**	**Sample 29**	**Sample Name:**	**Sample 30**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

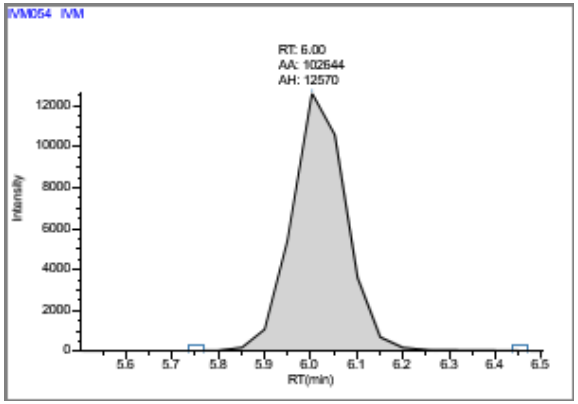


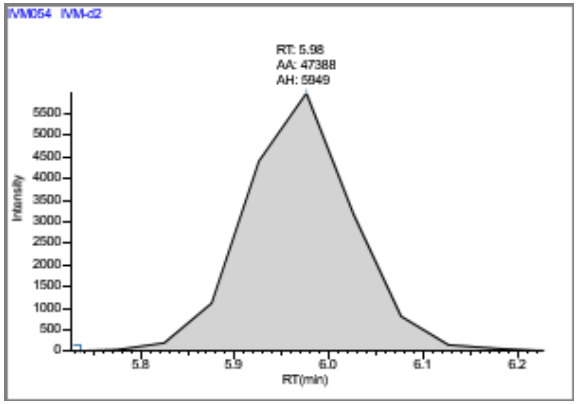




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM053**	**File Name:**	**IVM054**	**File Name:**	**IVM054**
Sample Name:	**Sample 30**	**Sample Name:**	**Sample 31**	**Sample Name:**	**Sample 31**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







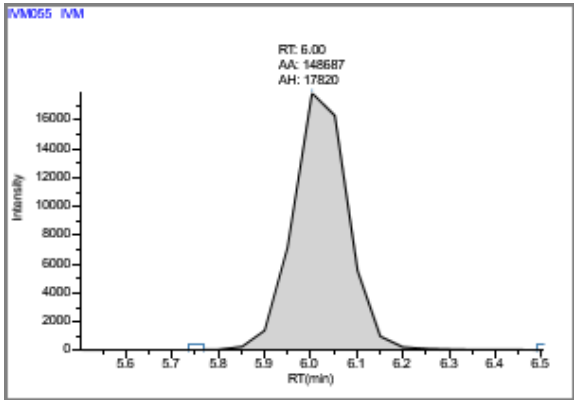
Layout updated. -DMP 9/16/2023

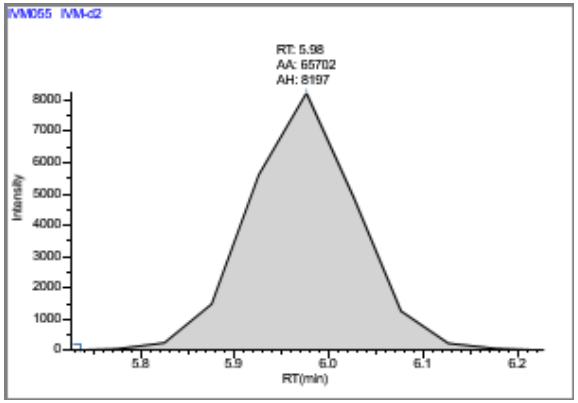
Quantis Plus (QP) Chromatograms

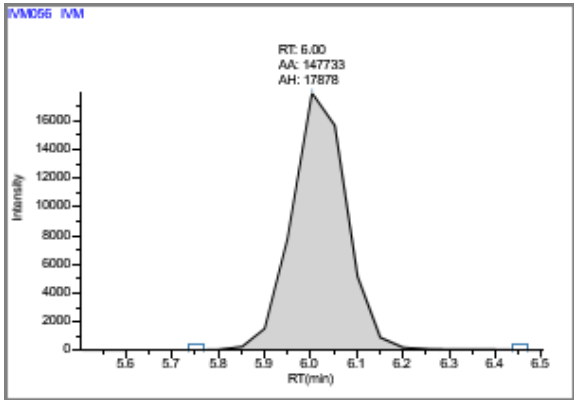
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

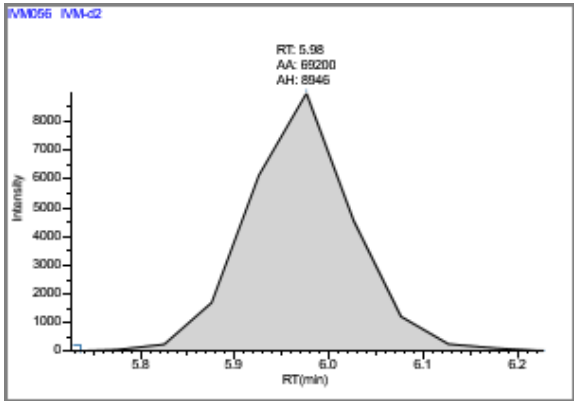
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM055	File Name:	IVM055	File Name:	IVM056
Sample Name:	Sample 32	Sample Name:	Sample 32	Sample Name:	Sample 33
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE

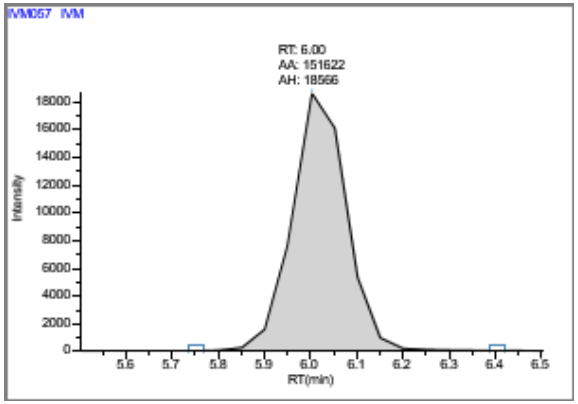


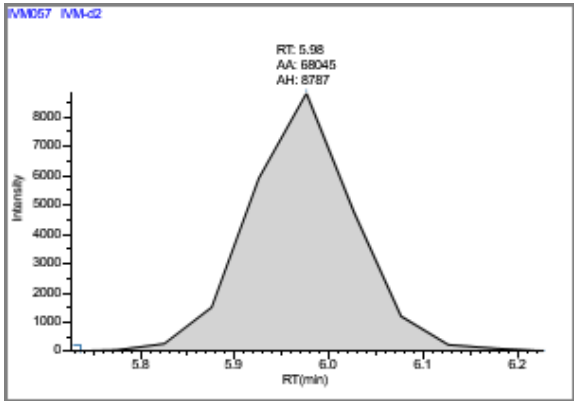




Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM056	File Name:	IVM057	File Name:	IVM057
Sample Name:	Sample 33	Sample Name:	Sample 34	Sample Name:	Sample 34
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE







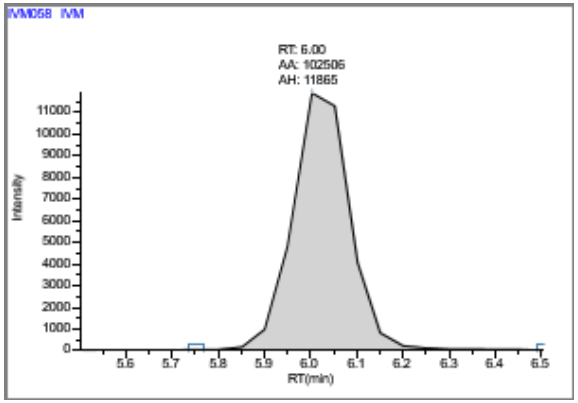
Layout updated. -DMP 9/16/2023

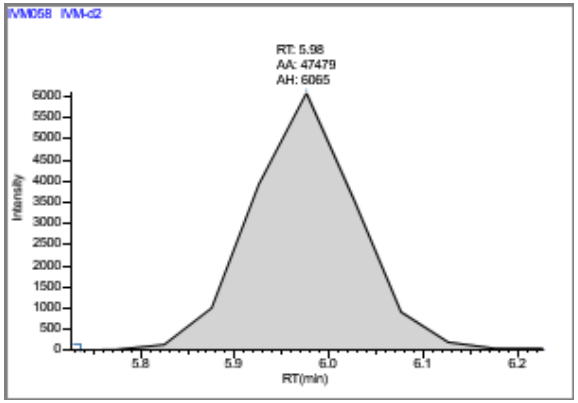
Quantis Plus (QP) Chromatograms

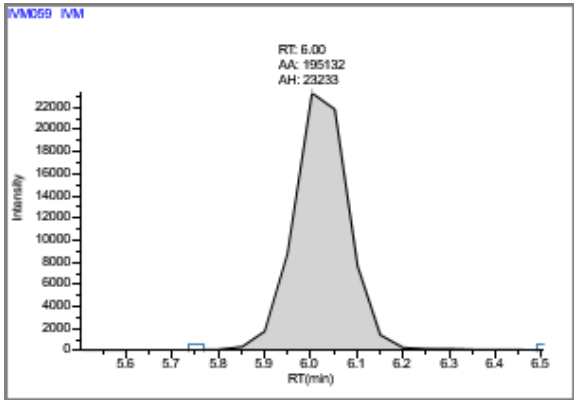
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

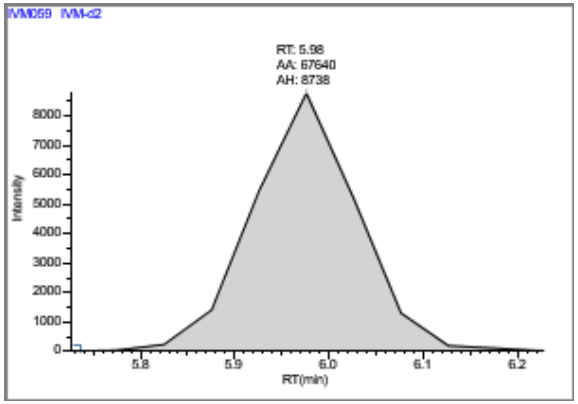
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM058**	**File Name:**	**IVM058**	**File Name:**	**IVM059**
Sample Name:	**Sample 35**	**Sample Name:**	**Sample 35**	**Sample Name:**	**Sample 36**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

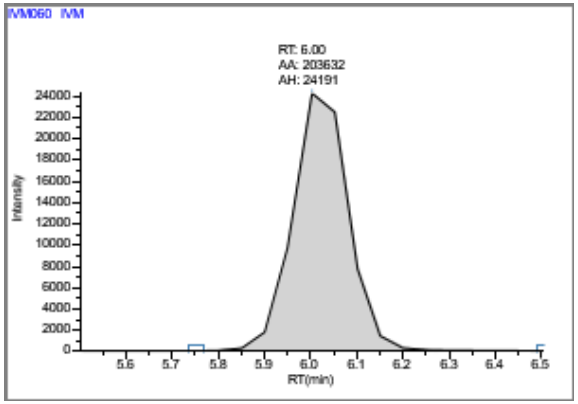


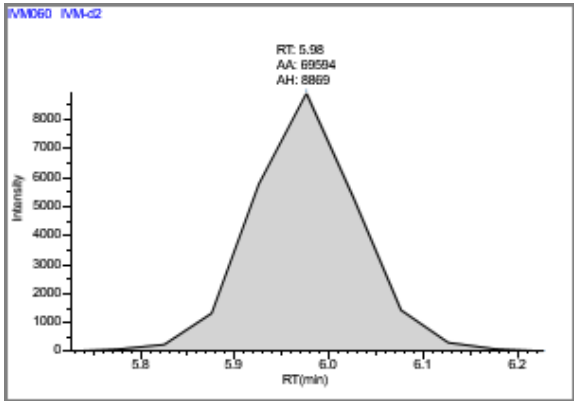




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM059**	**File Name:**	**IVM060**	**File Name:**	**IVM060**
Sample Name:	**Sample 36**	**Sample Name:**	**Sample 37**	**Sample Name:**	**Sample 37**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







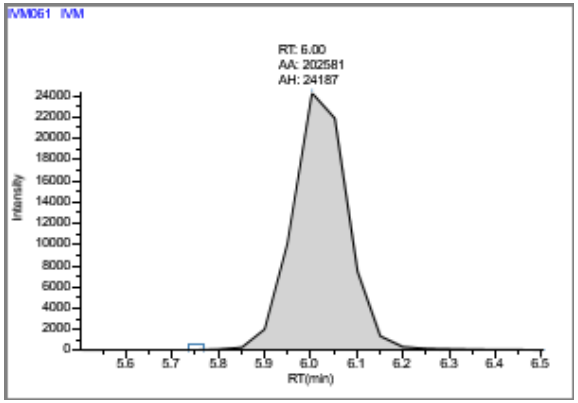
Layout updated. -DMP 9/16/2023

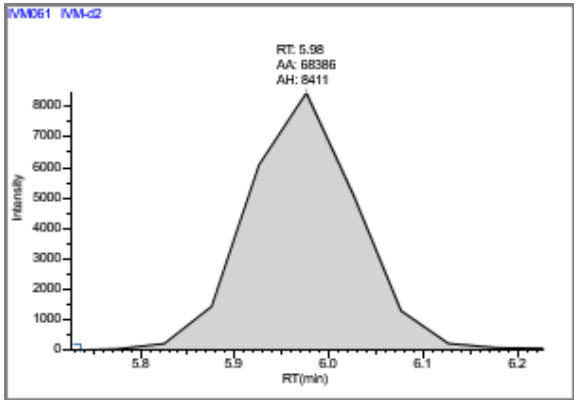
Quantis Plus (QP) Chromatograms

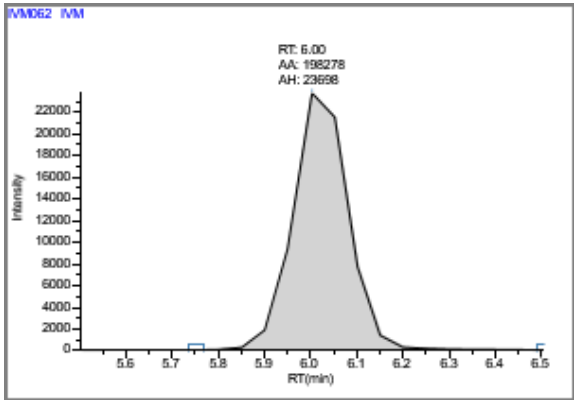
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

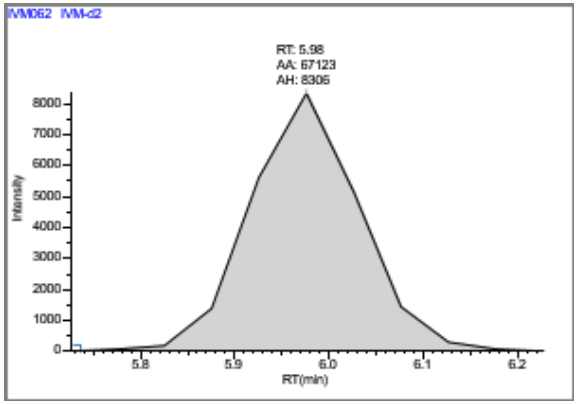
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM061**	**File Name:**	**IVM061**	**File Name:**	**IVM062**
Sample Name:	**Sample 38**	**Sample Name:**	**Sample 38**	**Sample Name:**	**Sample 39**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

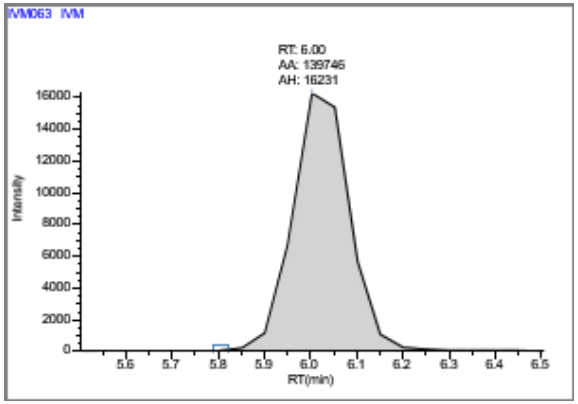


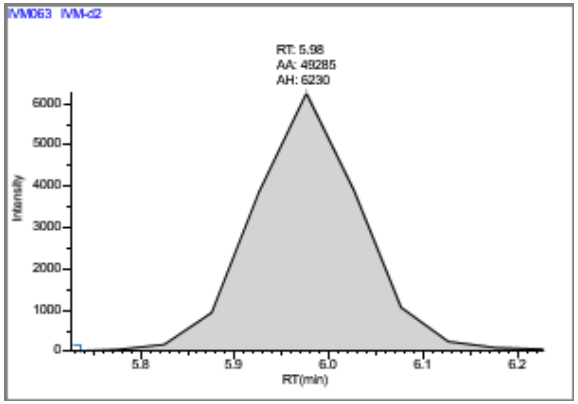




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM062**	**File Name:**	**IVM063**	**File Name:**	**IVM063**
Sample Name:	**Sample 39**	**Sample Name:**	**Sample 40**	**Sample Name:**	**Sample 40**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







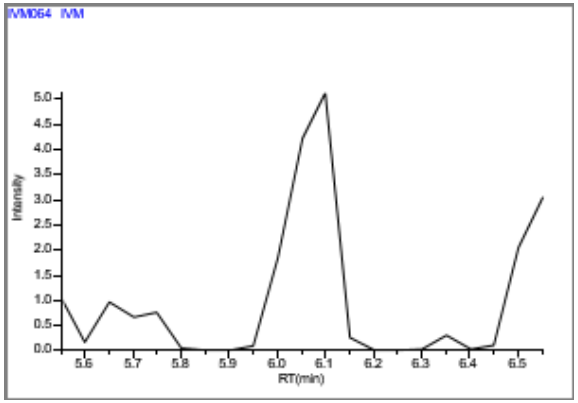
Layout updated. -DMP 9/16/2023

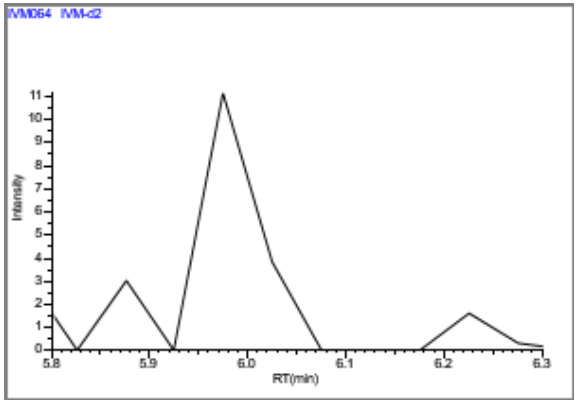
Quantis Plus (QP) Chromatograms

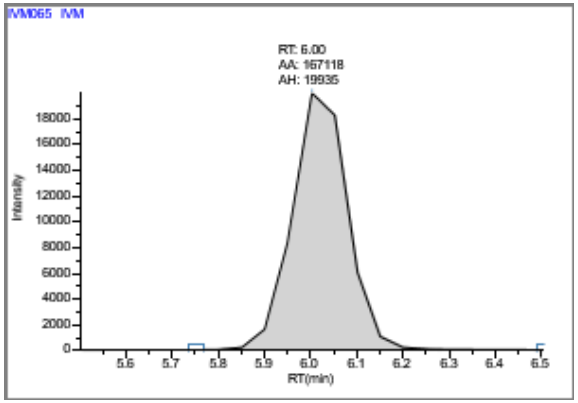
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

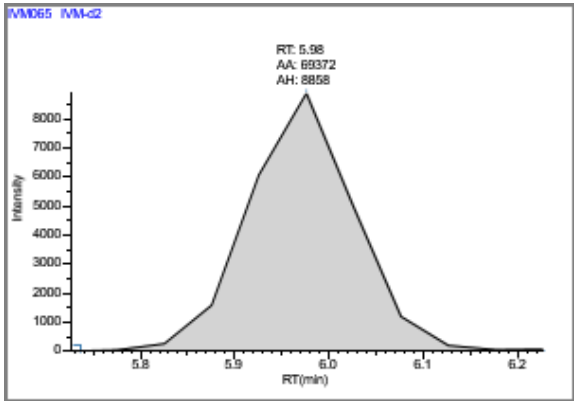
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM064**	**File Name:**	**IVM064**	**File Name:**	**IVM065**
Sample Name:	**BLK10**	**Sample Name:**	**BLK10**	**Sample Name:**	**Premix 1**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

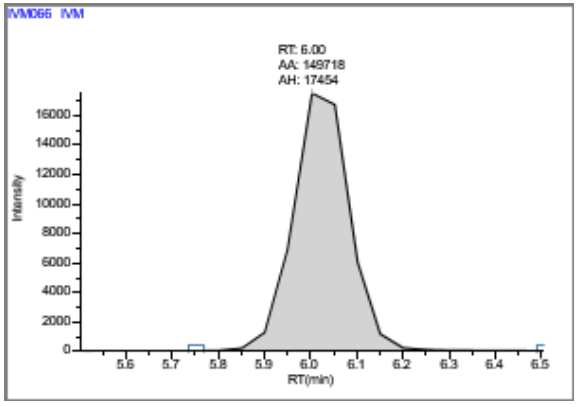


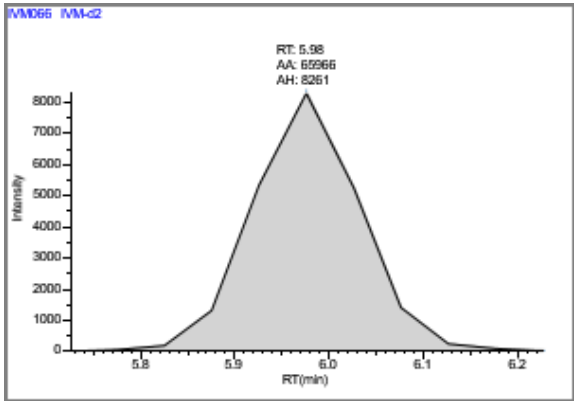




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM065**	**File Name:**	**IVM066**	**File Name:**	**IVM066**
Sample Name:	**Premix 1**	**Sample Name:**	**Premix 2**	**Sample Name:**	**Premix 2**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







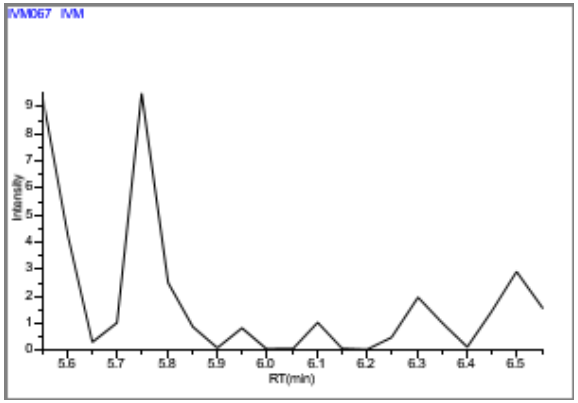
Layout updated. -DMP 9/16/2023

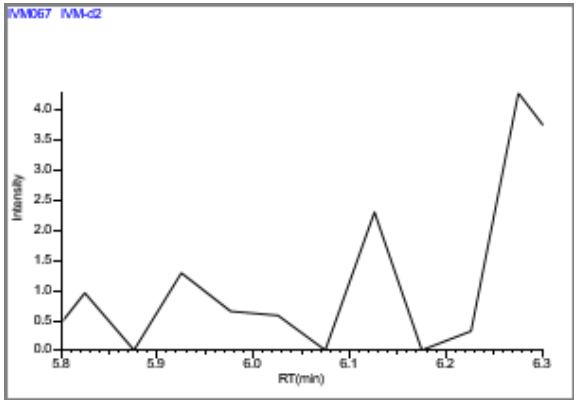
Quantis Plus (QP) Chromatograms

Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Acquire Date: 12/16/2025

Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM067**	**File Name:**	**IVM067**
Sample Name:	**BLK11**	**Sample Name:**	**BLK11**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**



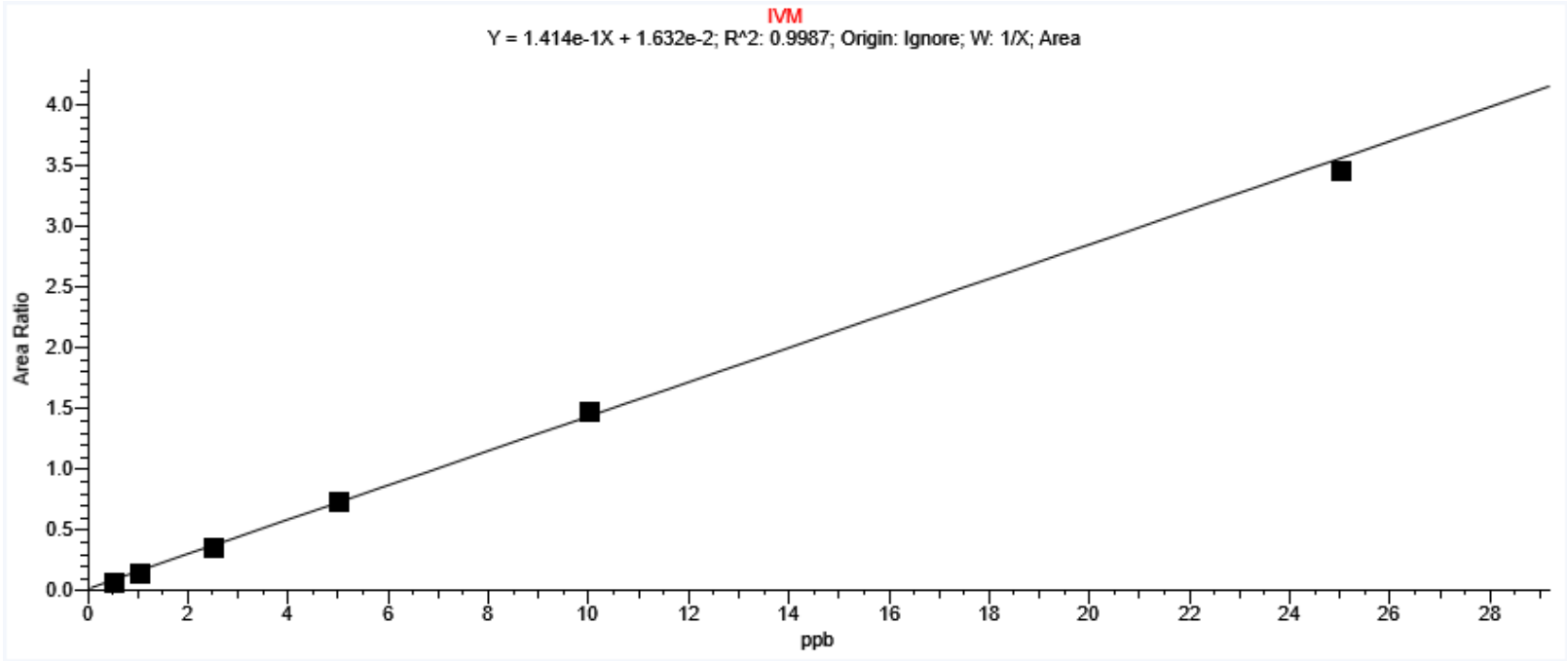


Layout updated. -DMP 9/16/2023

Quantis Plus (QP) Calibration curves

Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Date Acquired: 12/16/2025
Slope: 1.4140E-01



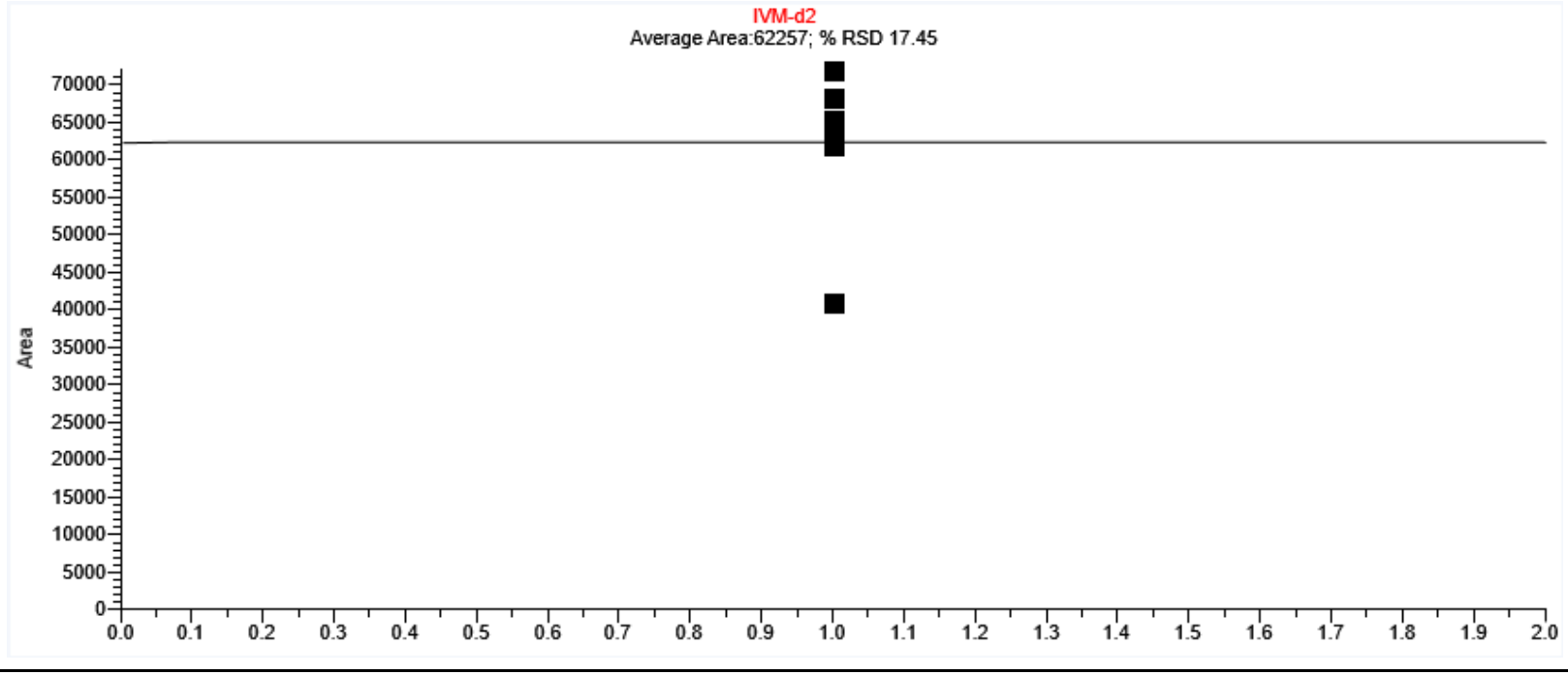
Level	Sample File	Response	Level Amount (ng/mL)	Calculated Amount (ng/mL)	Amount Diff	Is Active	Is Excluded	Manual Flag
1	IVM006	4914	0.500	0.445	-11.08	True	False	
2	IVM007	10601	1.000	1.047	4.69	True	False	
3	IVM008	15457	2.500	2.536	1.45	True	False	
4	IVM009	48904	5.000	5.169	3.37	True	False	
5	IVM010	101685	10.000	10.392	3.92	True	False	
6	IVM011	249617	25.000	24.412	-2.35	True	False	

Layout updated. -DMP 9/16/2023

Quantis Plus (QP) Calibration curves

Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 3

Method: IVM Feed
Date Acquired: 12/16/2025
Slope:



Level	Sample File	Response	Level Amount (ng/mL)	Calculated Amount (ng/mL)	Amount Diff	Is Active	Is Excluded	Manual Flag
1	IVM006	62042	1.000	0.000	0.00	True	False	
2	IVM007	64483	1.000	0.000	0.00	True	False	
3	IVM008	41211	1.000	0.000	0.00	True	False	
4	IVM009	65433	1.000	0.000	0.00	True	False	
5	IVM010	68420	1.000	0.000	0.00	True	False	
6	IVM011	71951	1.000	0.000	0.00	True	False	

Layout updated. -DMP 9/16/2023

Quantis Plus (QP) IVM Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/16/2025
SOP #:		**Analyte:**	Ivermectin
Batch:	IVM Feed Assay Val Set 4		

Sample Raw File Name	Sample Name	Retention Time	Peak Area	ISTD Area	Theoretical Amount (ng/mL)	Calculated Amount (ng/mL)	Percent Difference %
IVM001	BLK1	N/F	0.00	N/F	N/A	N/F	N/A
IVM002	STD 3 CHECK 1	6.00	25372.65	64948	N/A	2.685	N/A
IVM003	STD 3 CHECK 2	6.00	23880.73	62662	N/A	2.617	N/A
IVM004	STD 3 CHECK 3	6.00	24935.02	63346	N/A	2.706	N/A
IVM005	BLK2	N/F	0.00	N/F	N/A	N/F	N/A
IVM006	STD 1	6.05	4819.43	62543	0.50	0.455	-9.050
IVM007	STD 2	6.00	9693.94	61537	1.00	1.027	2.710
IVM008	STD 3	6.00	24278.50	63027	2.50	2.646	5.860
IVM009	STD 4	6.00	45139.91	64587	5.00	4.878	-2.440
IVM010	STD 5	6.00	103337.39	69436	10.00	10.492	4.920
IVM011	STD 6	6.00	243999.27	70562	25.00	24.502	-1.990
IVM012	BLK3	N/F	0.00	N/F	N/A	N/F	N/A
IVM013	Deer Feed Matrix-1	N/F	0.00	53185	N/A	N/F	N/A
IVM014	Deer Feed Matrix-2	N/F	0.00	65341	N/A	N/F	N/A
IVM015	BLK4	N/F	0.00	N/F	N/A	N/F	N/A
IVM016	LS	6.05	10741.94	42642	2.00	1.698	-15.080
IVM017	BLK5	N/F	0.00	N/F	N/A	N/F	N/A
IVM018	Sample 1	6.00	42558.15	65366	N/A	4.538	N/A
IVM019	Sample 2	6.00	45577.63	65693	N/A	4.841	N/A
IVM020	Sample 3	6.00	47274.02	66598	N/A	4.956	N/A
IVM021	Sample 4	6.00	46619.04	64982	N/A	5.009	N/A
IVM022	Sample 5	6.00	46926.24	66850	N/A	4.899	N/A
IVM023	Sample 6	6.00	114063.75	65592	N/A	12.276	N/A
IVM024	Sample 7	6.00	118963.11	67398	N/A	12.461	N/A
IVM025	BLK6	N/F	0.00	N/F	N/A	N/F	N/A
IVM026	MS	6.00	95750.22	71021	10.00	9.496	-5.040
IVM027	BLK7	N/F	0.00	N/F	N/A	N/F	N/A
IVM028	Sample 8	6.00	117561.27	69981	N/A	11.855	N/A
IVM029	Sample 9	6.00	116902.89	70242	N/A	11.744	N/A
IVM030	Sample 10	6.00	117510.21	68249	N/A	12.153	N/A
IVM031	Sample 11	6.00	143152.07	67674	N/A	14.952	N/A
IVM032	Sample 12	6.00	148106.08	64063	N/A	16.350	N/A
IVM033	Sample 13	6.00	146652.06	65887	N/A	15.738	N/A
IVM034	BLK8	N/F	0.00	N/F	N/A	N/F	N/A
IVM035	HS	6.05	129780.69	46217	20.00	19.880	-0.600
IVM036	BLK9	N/F	0.00	N/F	N/A	N/F	N/A
IVM037	Sample 14	6.00	145642.00	67418	N/A	15.272	N/A
IVM038	Sample 15	6.00	146479.48	69728	N/A	14.848	N/A
IVM039	Sample 16	6.00	145499.18	52717	N/A	19.538	N/A
IVM040	Sample 17	6.05	171574.34	62438	N/A	19.452	N/A

Quantis Plus (QP) IVM Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/16/2025
SOP #:		**Analyte:**	Ivermectin
Batch:	IVM Feed Assay Val Set 4		

Sample Raw File Name	Sample Name	Retention Time	Peak Area	ISTD Area	Theoretical Amount (ng/mL)	Calculated Amount (ng/mL)	Percent Difference %
IVM001	BLK1	N/F	0.00	N/F	N/A	N/F	N/A
IVM041	Sample 18	6.00	198478.38	76793	N/A	18.290	N/A
IVM042	Sample 19	6.05	141152.17	51270	N/A	19.489	N/A
IVM043	Sample 20	6.00	196240.39	74458	N/A	18.653	N/A
IVM044	BLK10	N/F	0.00	N/F	N/A	N/F	N/A
IVM045	BLK11	N/F	0.00	N/F	N/A	N/F	N/A

Quantis Plus (QP) IVM IS Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/16/2025
SOP #		**Analyte:**	IVM IS
Batch:	IVM Feed Assay Val Set 4	**Calc IS Response (Avg.):**	62543.20

Sample Raw File Name	Sample Type	Sample Name	Retention Time	Peak Area	Std Response	Percent Difference*
IVM001	Solvent	BLK1	N/F	0.00	0.00	NA
IVM002	Unknown	STD 3 CHECK 1	5.98	64948.30	65282.03	3.85%
IVM003	Unknown	STD 3 CHECK 2	5.98	62662.40	65282.03	0.19%
IVM004	Unknown	STD 3 CHECK 3	5.98	63345.70	65282.03	1.28%
IVM005	Solvent	BLK2	N/F	0.00	0.00	NA
IVM006	Cal Std	STD 1	5.98	62543.20	65282.03	0.00%
IVM007	Cal Std	STD 2	5.98	61536.69	65282.03	-1.61%
IVM008	Cal Std	STD 3	5.98	63027.39	65282.03	0.77%
IVM009	Cal Std	STD 4	5.98	64586.59	65282.03	3.27%
IVM010	Cal Std	STD 5	5.98	69435.85	65282.03	11.02%
IVM011	Cal Std	STD 6	5.98	70562.49	65282.03	12.82%
IVM012	Solvent	BLK3	N/F	0.00	0.00	NA
IVM013	Matrix Blank	Deer Feed Matrix-1	5.98	53184.60	65282.03	-14.96%
IVM014	Matrix Blank	Deer Feed Matrix-2	5.98	65340.66	65282.03	4.47%
IVM015	Solvent	BLK4	N/F	0.00	0.00	NA
IVM016	QC	LS	6.03	42641.75	65282.03	-31.82%
IVM017	Solvent	BLK5	N/F	0.00	0.00	NA
IVM018	Unknown	Sample 1	5.98	65366.13	65282.03	4.51%
IVM019	Unknown	Sample 2	5.98	65692.71	65282.03	5.04%
IVM020	Unknown	Sample 3	5.98	66597.68	65282.03	6.48%
IVM021	Unknown	Sample 4	5.98	64982.37	65282.03	3.90%
IVM022	Unknown	Sample 5	5.98	66850.45	65282.03	6.89%
IVM023	Unknown	Sample 6	5.98	65591.73	65282.03	4.87%
IVM024	Unknown	Sample 7	5.98	67398.12	65282.03	7.76%
IVM025	Unknown	BLK6	N/F	0.00	0.00	NA
IVM026	QC	MS	5.98	71021.27	65282.03	13.56%
IVM027	Unknown	BLK7	N/F	0.00	0.00	NA
IVM028	Unknown	Sample 8	5.98	69980.83	65282.03	11.89%
IVM029	Unknown	Sample 9	5.98	70242.07	65282.03	12.31%
IVM030	Unknown	Sample 10	5.98	68249.27	65282.03	9.12%
IVM031	Unknown	Sample 11	5.98	67674.41	65282.03	8.20%
IVM032	Unknown	Sample 12	5.98	64063.09	65282.03	2.43%
IVM033	Unknown	Sample 13	5.98	65886.96	65282.03	5.35%
IVM034	Solvent	BLK8	N/F	0.00	0.00	NA
IVM035	QC	HS	6.03	46216.98	65282.03	-26.10%
IVM036	Solvent	BLK9	N/F	0.00	0.00	NA
IVM037	Unknown	Sample 14	5.98	67418.12	65282.03	7.79%
IVM038	Unknown	Sample 15	5.98	69728.46	65282.03	11.49%
IVM039	Unknown	Sample 16	5.98	52717.38	65282.03	-15.71%
IVM040	Unknown	Sample 17	6.03	62438.07	65282.03	-0.17%
IVM041	Unknown	Sample 18	5.98	76793.47	65282.03	22.78%

Quantis Plus (QP) IVM IS Report

Lab Name:	OTSC	**Method:**	IVM Feed
Instrument:	Quantis Plus	**Acquire Date:**	12/16/2025
SOP #		**Analyte:**	IVM IS
Batch:	IVM Feed Assay Val Set 4	**Calc IS Response (Avg.):**	62543.20

Sample Raw File Name	Sample Type	Sample Name	Retention Time	Peak Area	Std Response	Percent Difference*
IVM001	Solvent	BLK1	N/F	0.00	0.00	NA
IVM002	Unknown	STD 3 CHECK 1	5.98	64948.30	65282.03	3.85%
IVM042	Unknown	Sample 19	6.03	51269.52	65282.03	-18.03%
IVM043	Unknown	Sample 20	5.98	74457.99	65282.03	19.05%
IVM044	Solvent	BLK10	N/F	0.00	0.00	NA
IVM045	Solvent	BLK11	N/F	0.00	0.00	NA

(1)-Average IS Response may include blank due to software bug. Used averageifs formula to caluculate IS Response (Avg) and updated % deviation calculation 10/27/22. -DMP

NOTE: Data chromatography is filtered to remove LFFM samples from report. -DMP 9/20/2023

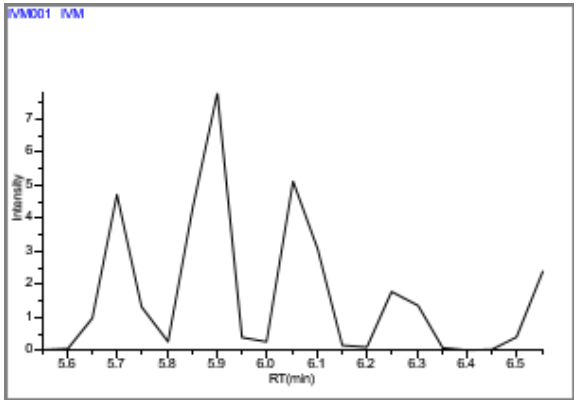
Layout updated. -DMP 9/16/2023

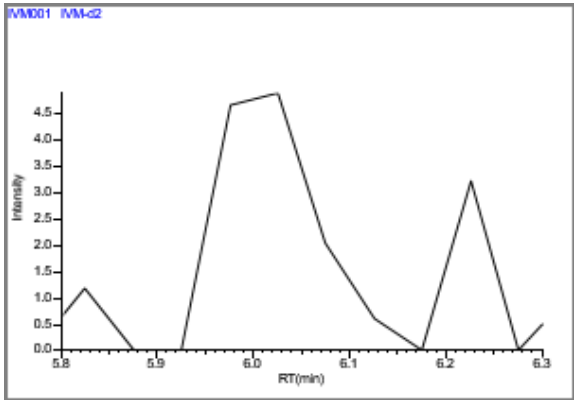
Quantis Plus (QP) Chromatograms

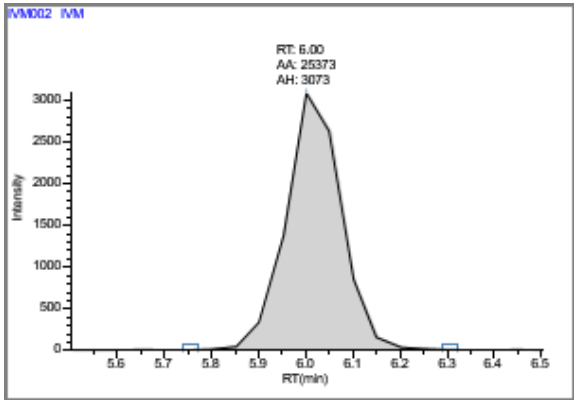
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

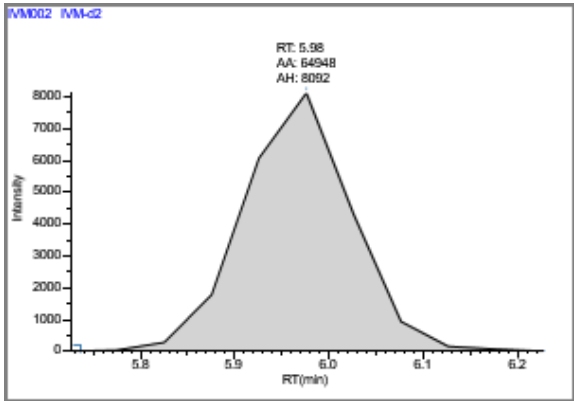
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM001	File Name:	IVM001	File Name:	IVM002
Sample Name:	BLK1	Sample Name:	BLK1	Sample Name:	STD 3 CHECK 1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE

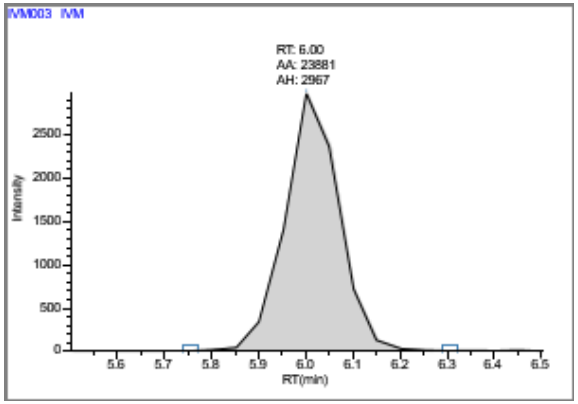


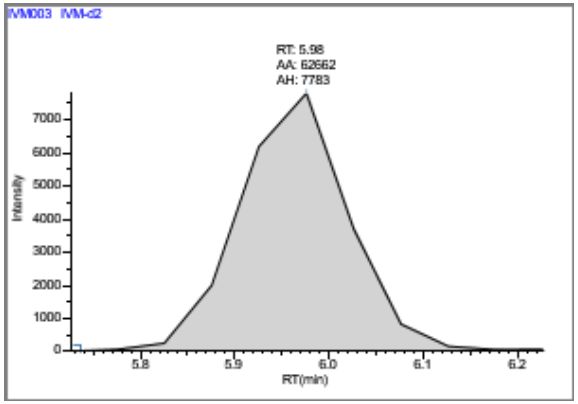




Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM002	File Name:	IVM003	File Name:	IVM003
Sample Name:	STD 3 CHECK 1	Sample Name:	STD 3 CHECK 2	Sample Name:	STD 3 CHECK 2
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE







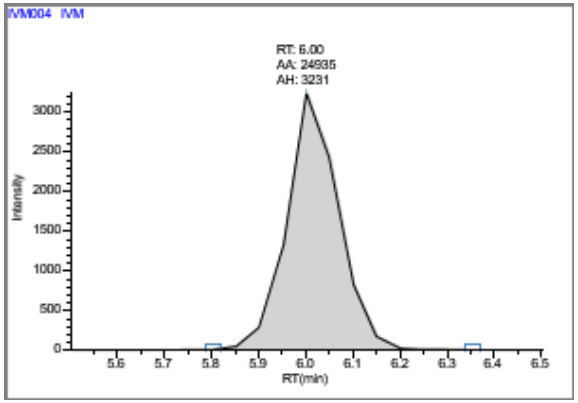
Layout updated. -DMP 9/16/2023

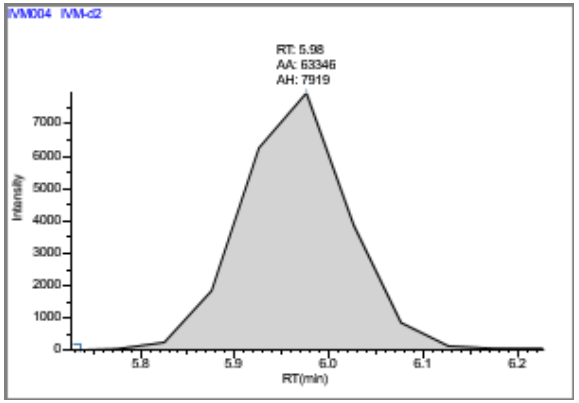
Quantis Plus (QP) Chromatograms

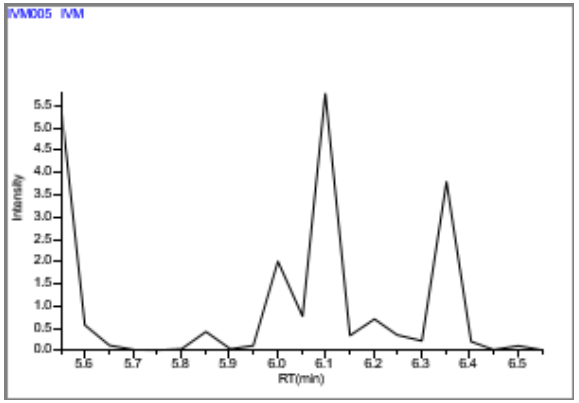
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

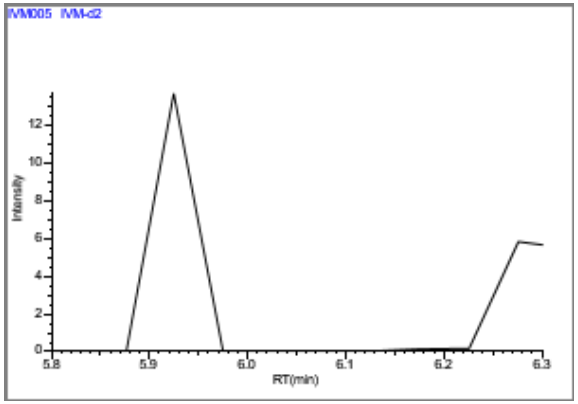
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM004	File Name:	IVM004	File Name:	IVM005
Sample Name:	STD 3 CHECK 3	Sample Name:	STD 3 CHECK 3	Sample Name:	BLK2
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE

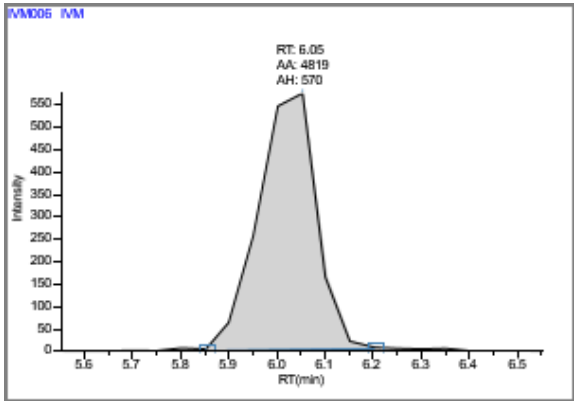


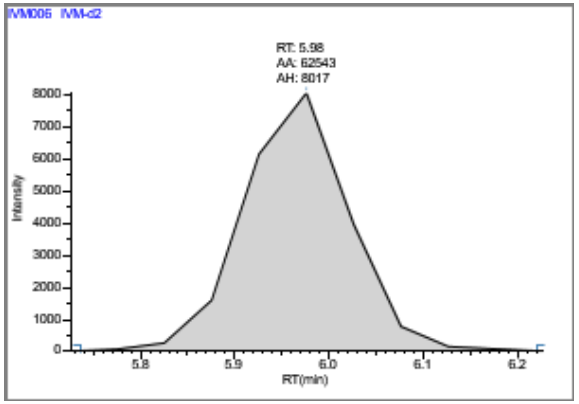




Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM005	File Name:	IVM006	File Name:	IVM006
Sample Name:	BLK2	Sample Name:	STD 1	Sample Name:	STD 1
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE







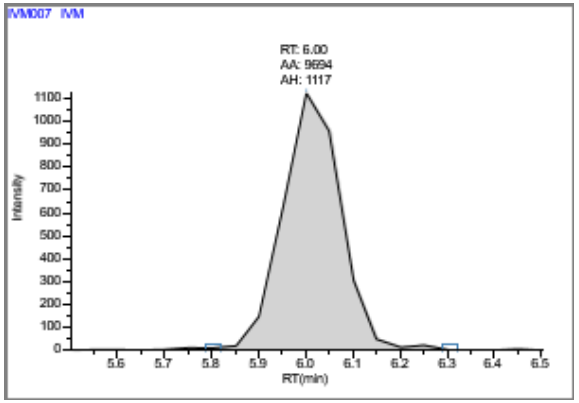
Layout updated. -DMP 9/16/2023

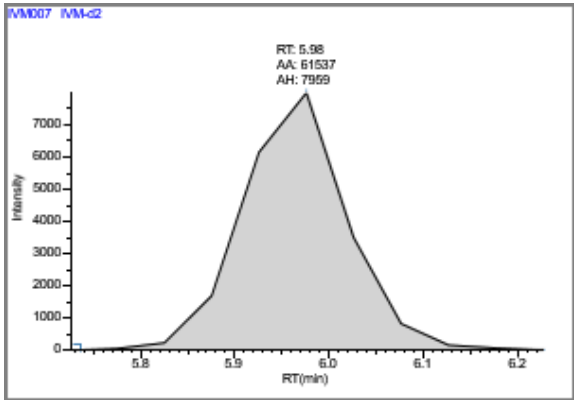
Quantis Plus (QP) Chromatograms

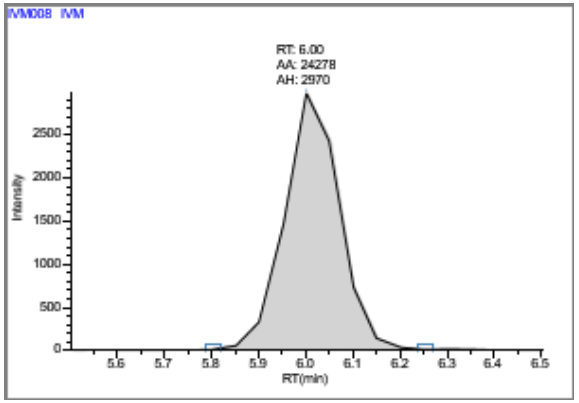
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

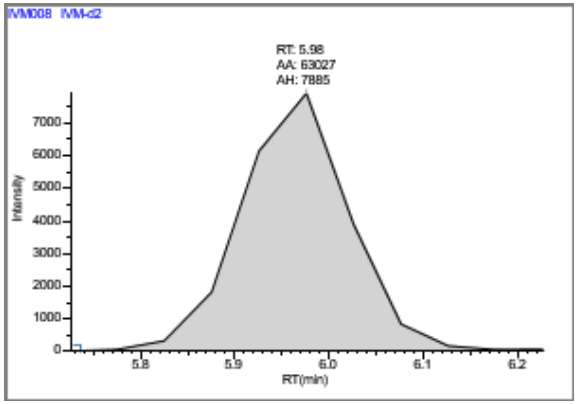
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM007**	**File Name:**	**IVM007**	**File Name:**	**IVM008**
Sample Name:	**STD 2**	**Sample Name:**	**STD 2**	**Sample Name:**	**STD 3**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

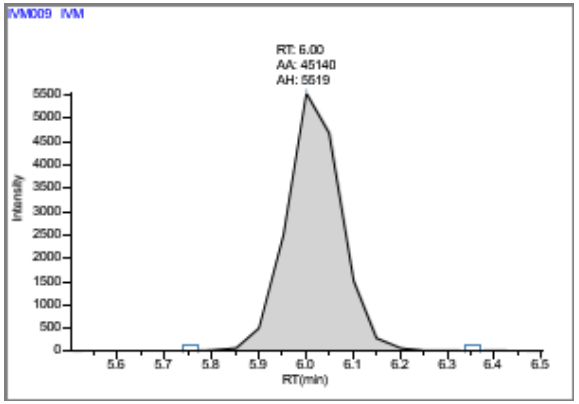


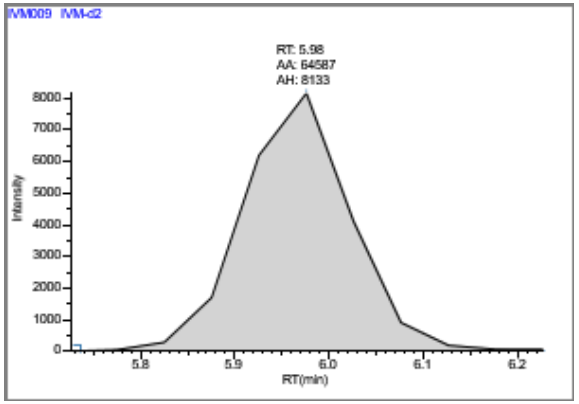




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM008**	**File Name:**	**IVM009**	**File Name:**	**IVM009**
Sample Name:	**STD 3**	**Sample Name:**	**STD 4**	**Sample Name:**	**STD 4**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







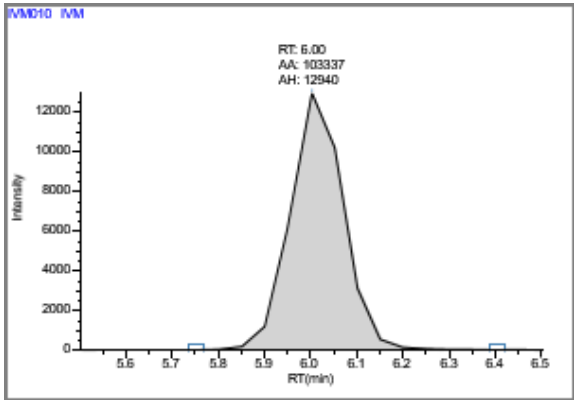
Layout updated. -DMP 9/16/2023

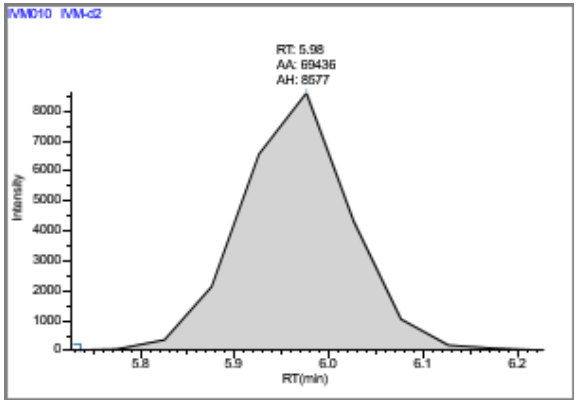
Quantis Plus (QP) Chromatograms

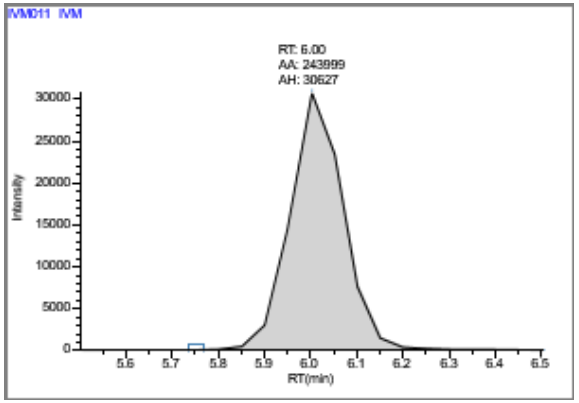
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

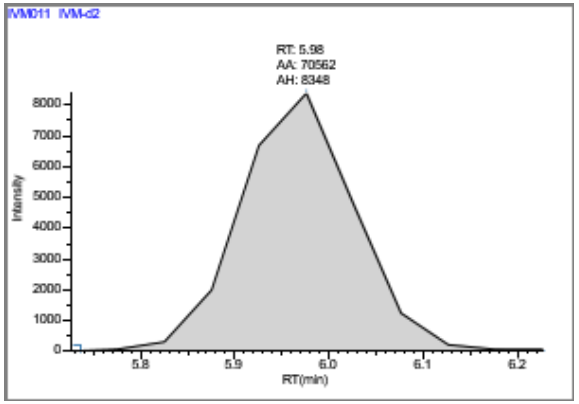
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM010**	**File Name:**	**IVM010**	**File Name:**	**IVM011**
Sample Name:	**STD 5**	**Sample Name:**	**STD 5**	**Sample Name:**	**STD 6**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

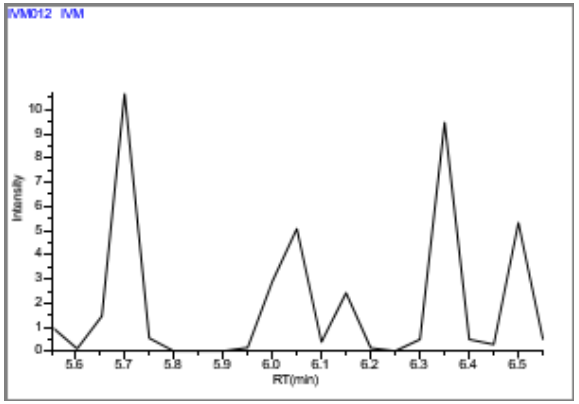


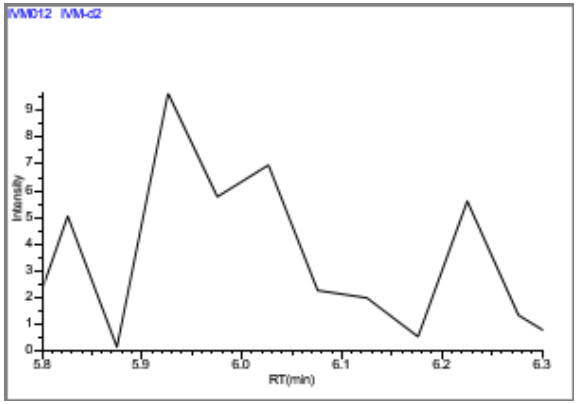




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM011**	**File Name:**	**IVM012**	**File Name:**	**IVM012**
Sample Name:	**STD 6**	**Sample Name:**	**BLK3**	**Sample Name:**	**BLK3**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







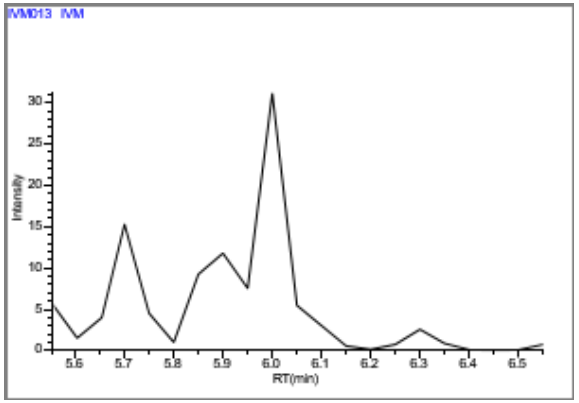
Layout updated. -DMP 9/16/2023

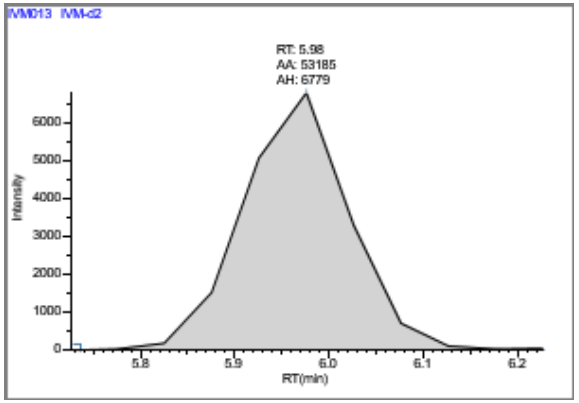
Quantis Plus (QP) Chromatograms

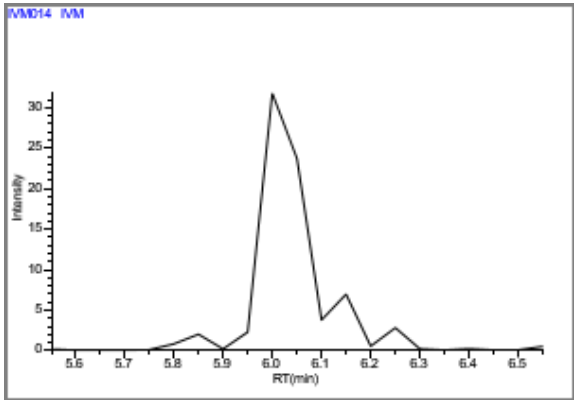
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

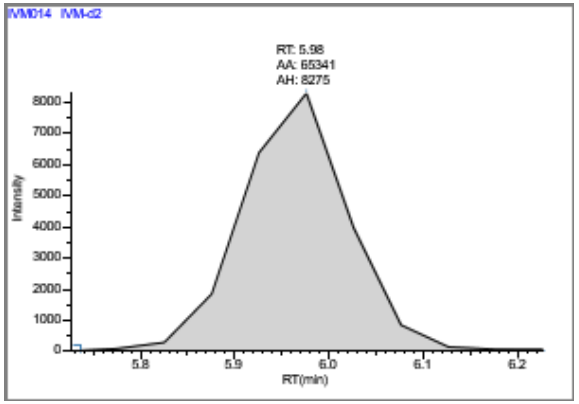
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM013**	**File Name:**	**IVM013**	**File Name:**	**IVM014**
Sample Name:	**Deer Feed Matrix-1**	**Sample Name:**	**Deer Feed Matrix-1**	**Sample Name:**	**Deer Feed Matrix-2**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

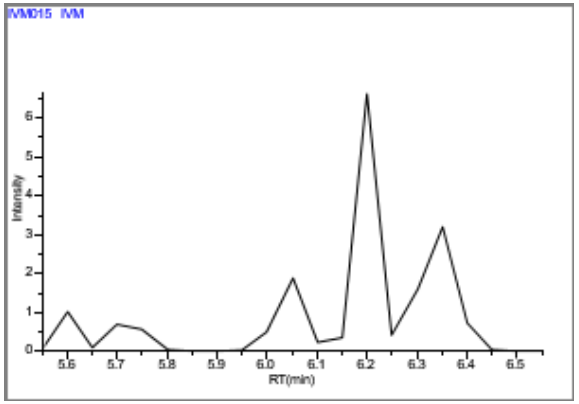


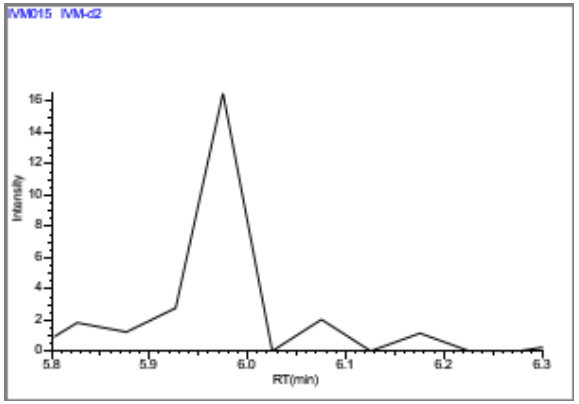




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM014**	**File Name:**	**IVM015**	**File Name:**	**IVM015**
Sample Name:	**Deer Feed Matrix-2**	**Sample Name:**	**BLK4**	**Sample Name:**	**BLK4**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







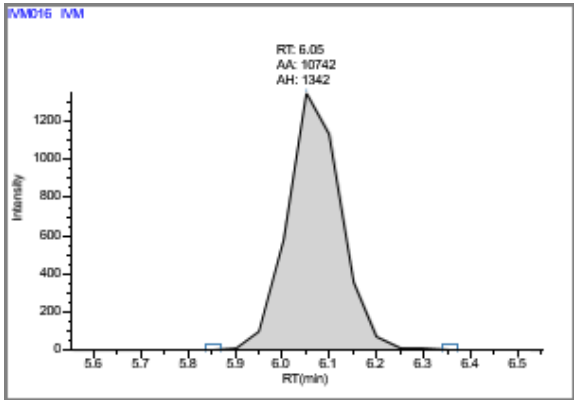
Layout updated. -DMP 9/16/2023

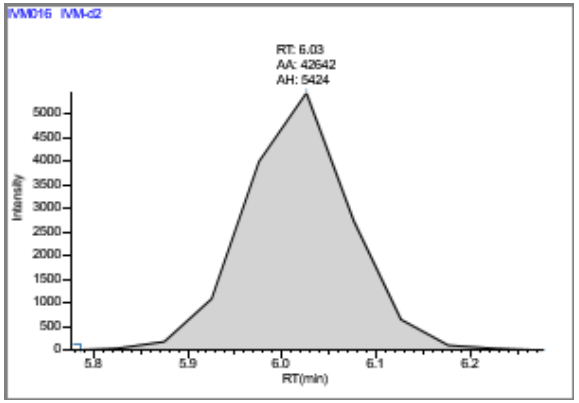
Quantis Plus (QP) Chromatograms

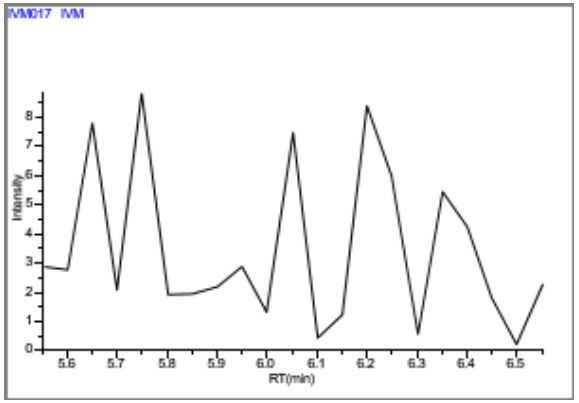
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

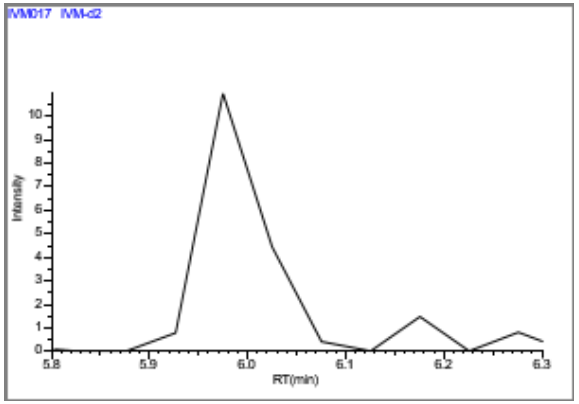
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM016**	**File Name:**	**IVM016**	**File Name:**	**IVM017**
Sample Name:	**LS**	**Sample Name:**	**LS**	**Sample Name:**	**BLK5**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

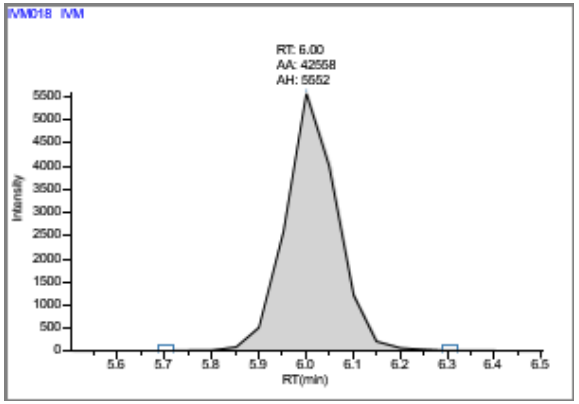


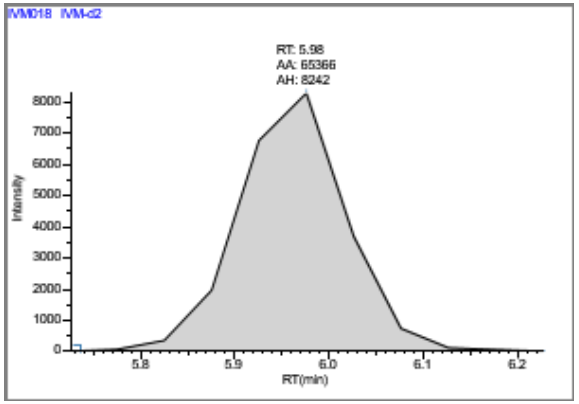




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM017**	**File Name:**	**IVM018**	**File Name:**	**IVM018**
Sample Name:	**BLK5**	**Sample Name:**	**Sample 1**	**Sample Name:**	**Sample 1**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







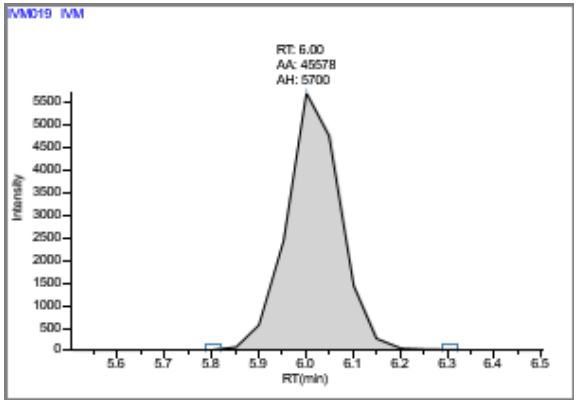
Layout updated. -DMP 9/16/2023

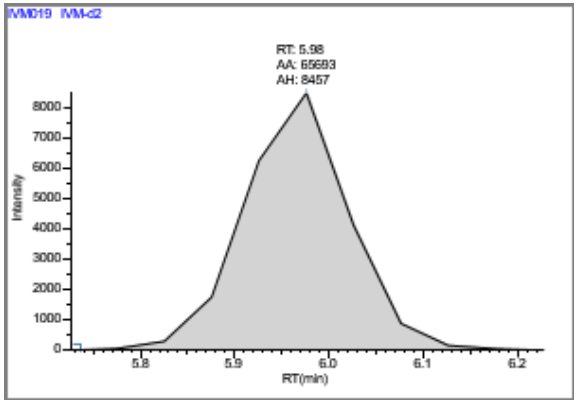
Quantis Plus (QP) Chromatograms

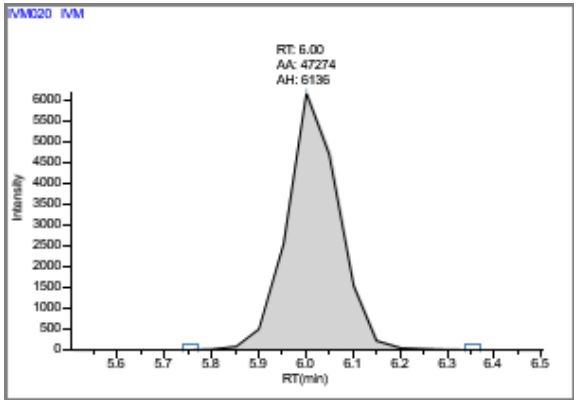
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

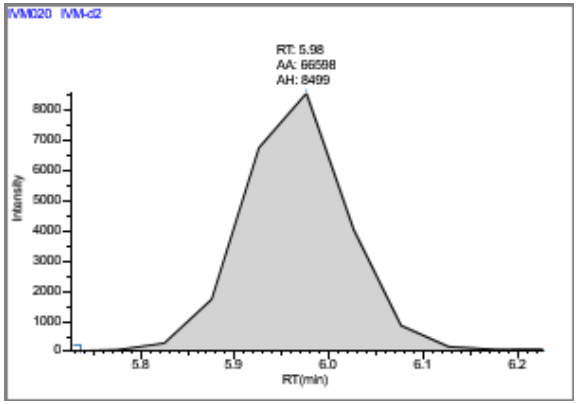
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM019**	**File Name:**	**IVM019**	**File Name:**	**IVM020**
Sample Name:	**Sample 2**	**Sample Name:**	**Sample 2**	**Sample Name:**	**Sample 3**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

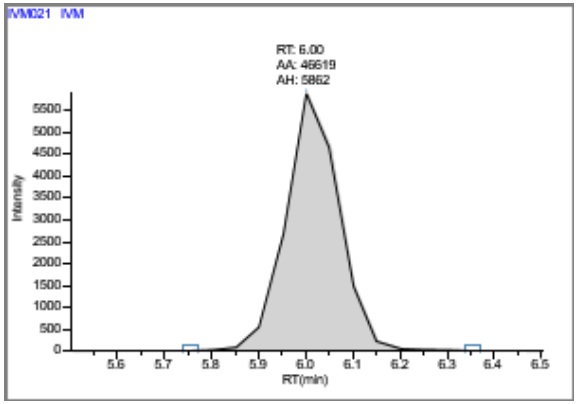


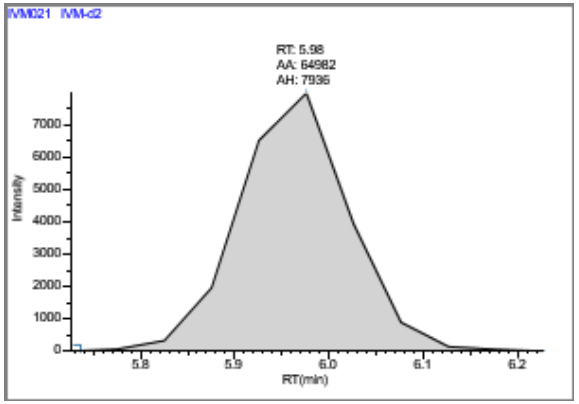




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM020**	**File Name:**	**IVM021**	**File Name:**	**IVM021**
Sample Name:	**Sample 3**	**Sample Name:**	**Sample 4**	**Sample Name:**	**Sample 4**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







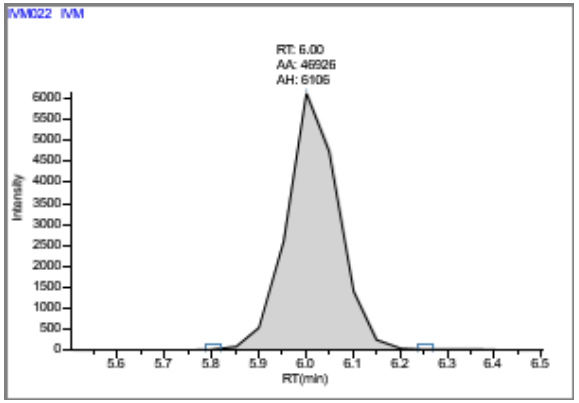
Layout updated. -DMP 9/16/2023

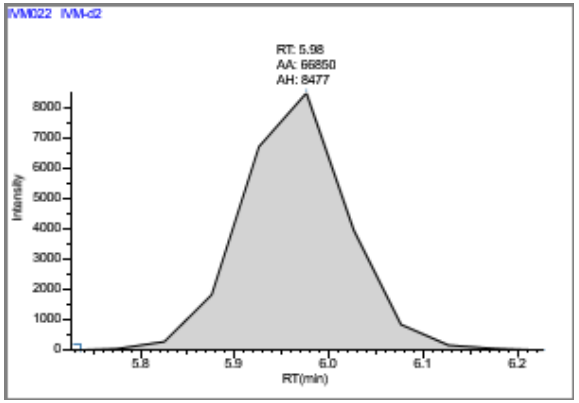
Quantis Plus (QP) Chromatograms

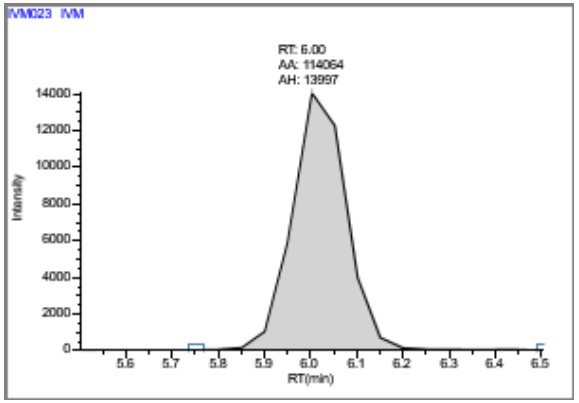
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

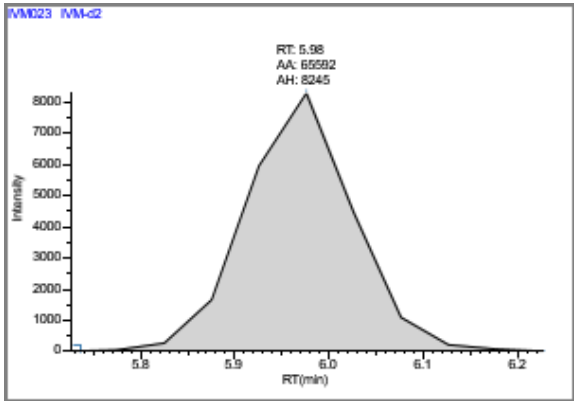
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM022**	**File Name:**	**IVM022**	**File Name:**	**IVM023**
Sample Name:	**Sample 5**	**Sample Name:**	**Sample 5**	**Sample Name:**	**Sample 6**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

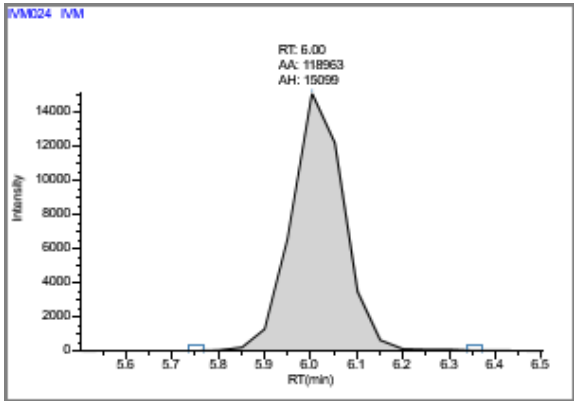


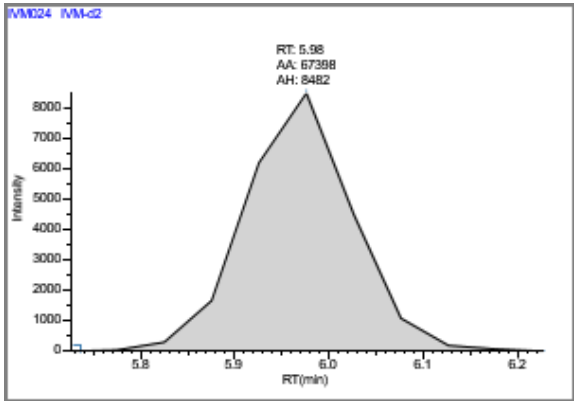




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM023**	**File Name:**	**IVM024**	**File Name:**	**IVM024**
Sample Name:	**Sample 6**	**Sample Name:**	**Sample 7**	**Sample Name:**	**Sample 7**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







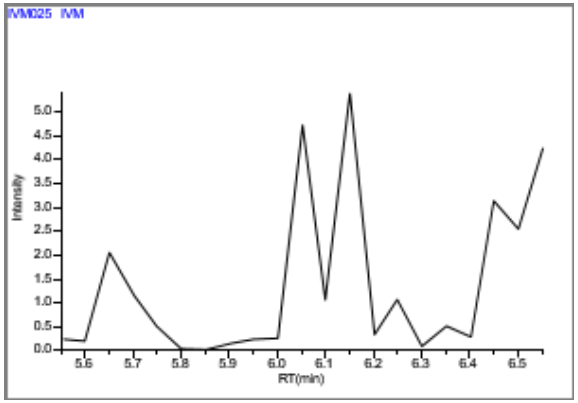
Layout updated. -DMP 9/16/2023

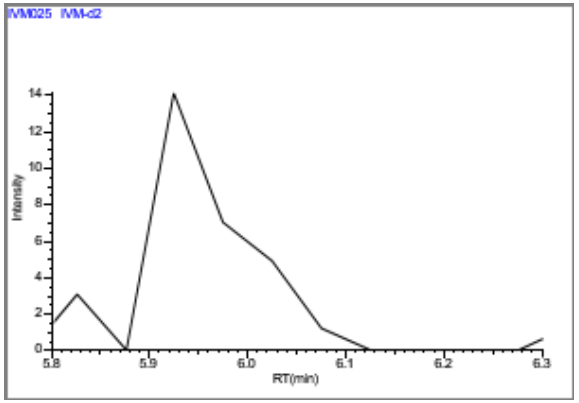
Quantis Plus (QP) Chromatograms

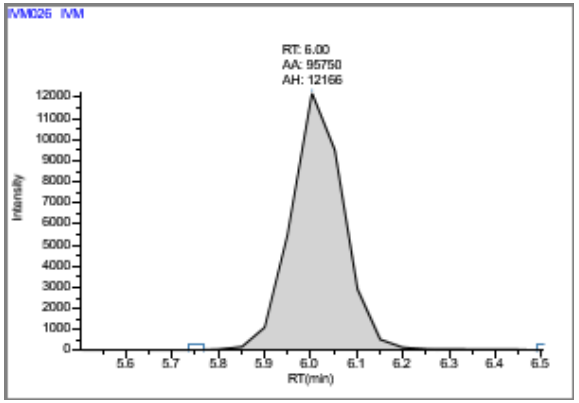
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

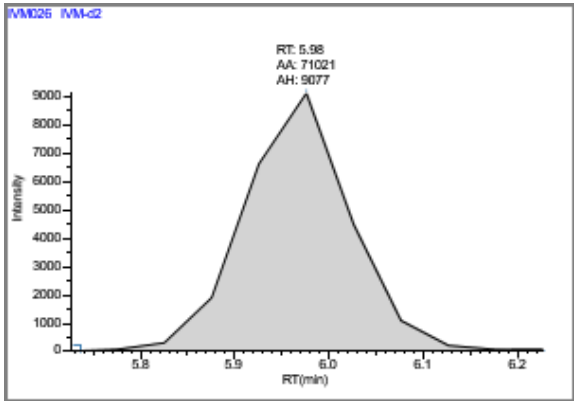
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM025	File Name:	IVM025	File Name:	IVM026
Sample Name:	BLK6	Sample Name:	BLK6	Sample Name:	MS
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE

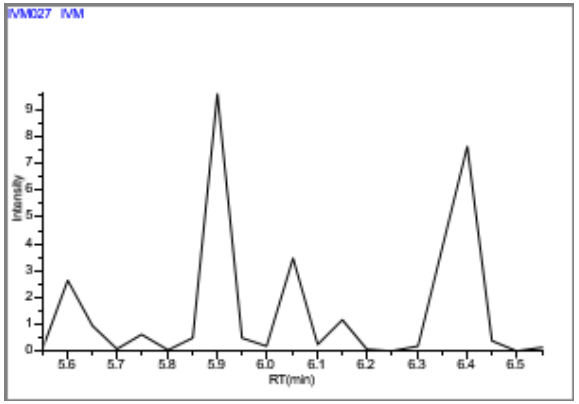


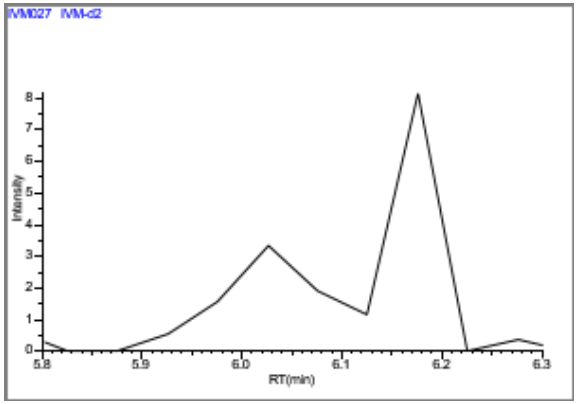




Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM026	File Name:	IVM027	File Name:	IVM027
Sample Name:	MS	Sample Name:	BLK7	Sample Name:	BLK7
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE







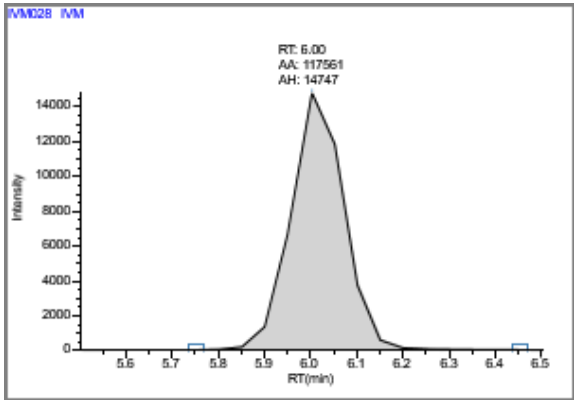
Layout updated. -DMP 9/16/2023

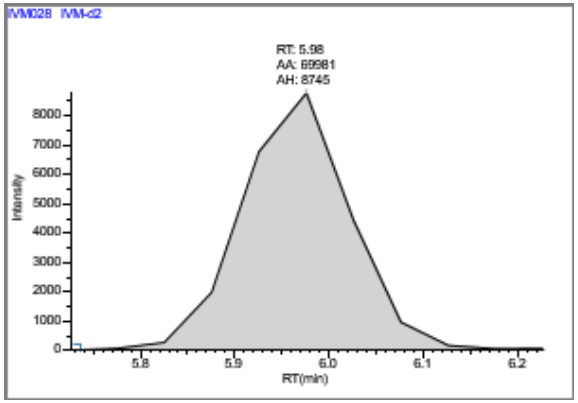
Quantis Plus (QP) Chromatograms

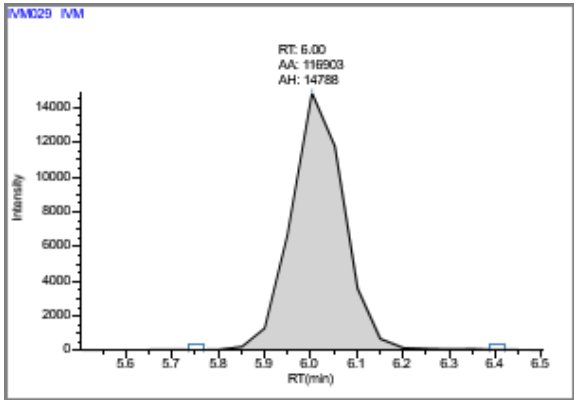
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

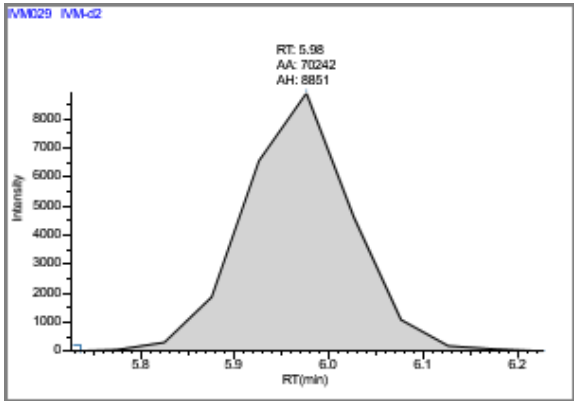
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM028**	**File Name:**	**IVM028**	**File Name:**	**IVM029**
Sample Name:	**Sample 8**	**Sample Name:**	**Sample 8**	**Sample Name:**	**Sample 9**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

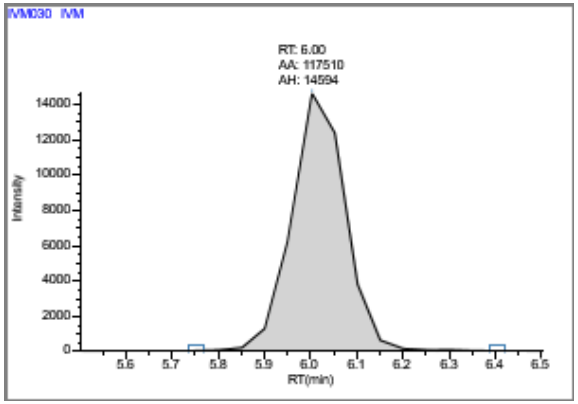


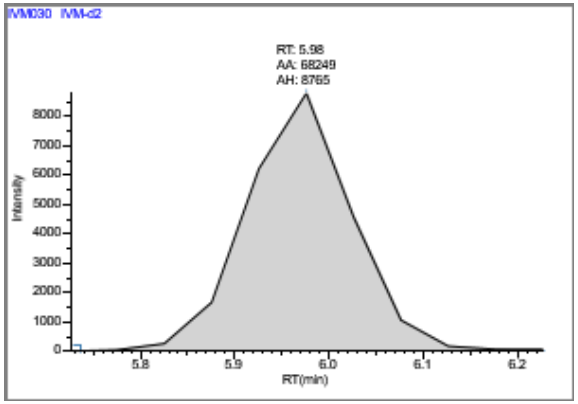




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM029**	**File Name:**	**IVM030**	**File Name:**	**IVM030**
Sample Name:	**Sample 9**	**Sample Name:**	**Sample 10**	**Sample Name:**	**Sample 10**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







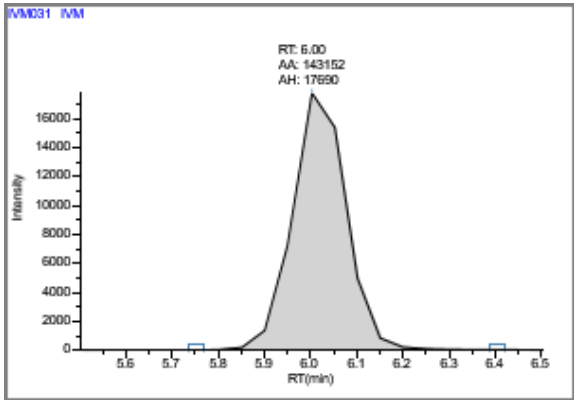
Layout updated. -DMP 9/16/2023

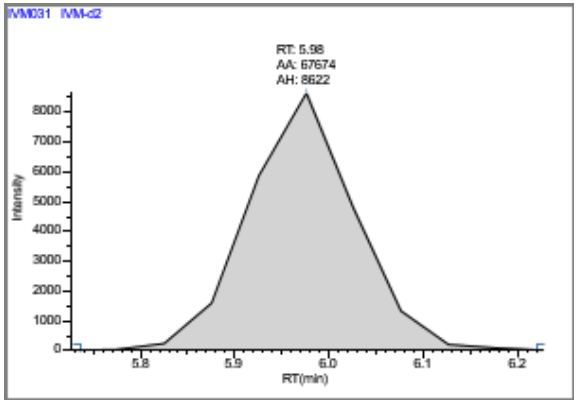
Quantis Plus (QP) Chromatograms

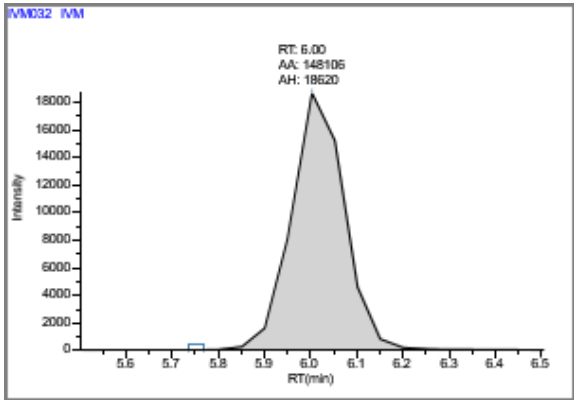
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

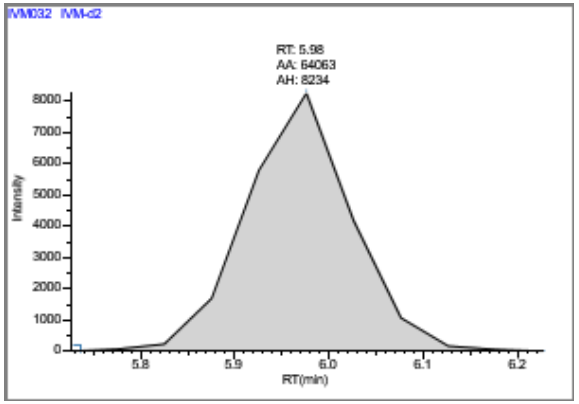
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM031	File Name:	IVM031	File Name:	IVM032
Sample Name:	Sample 11	Sample Name:	Sample 11	Sample Name:	Sample 12
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE

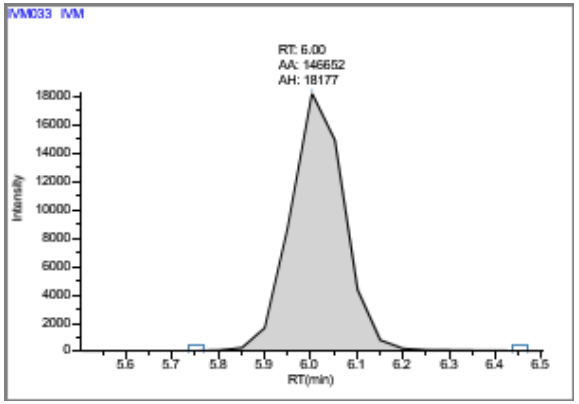


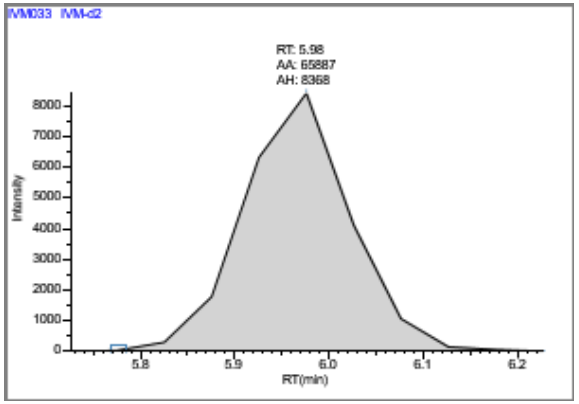




Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM032	File Name:	IVM033	File Name:	IVM033
Sample Name:	Sample 12	Sample Name:	Sample 13	Sample Name:	Sample 13
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE







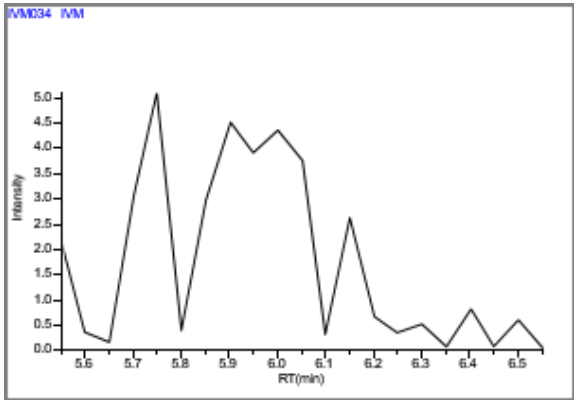
Layout updated. -DMP 9/16/2023

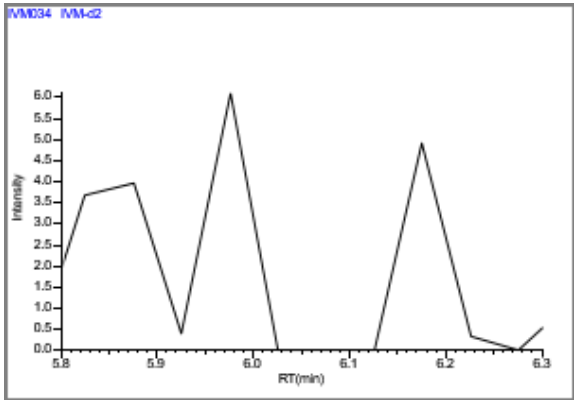
Quantis Plus (QP) Chromatograms

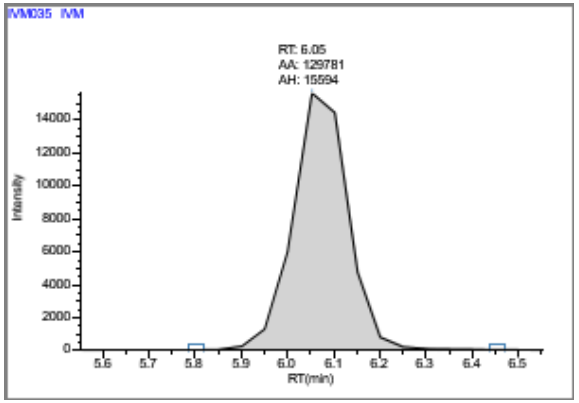
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

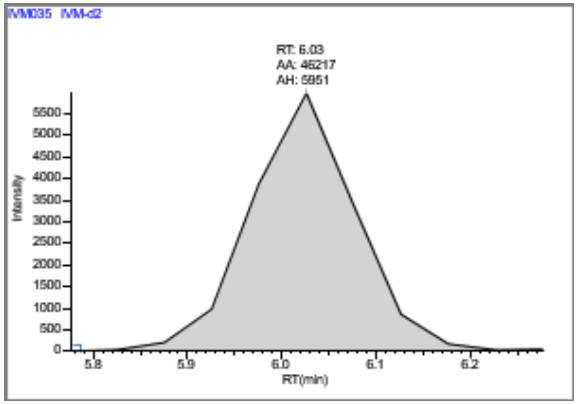
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM034	File Name:	IVM034	File Name:	IVM035
Sample Name:	BLK8	Sample Name:	BLK8	Sample Name:	HS
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE

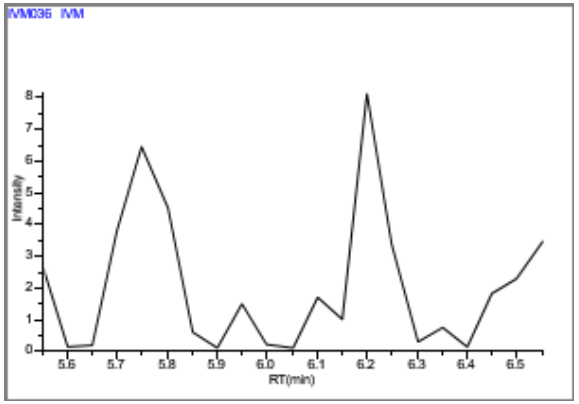


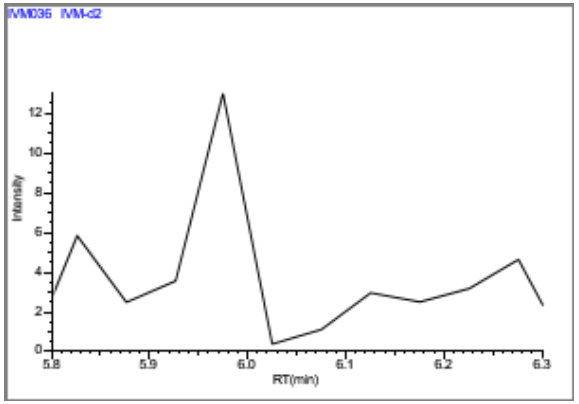




Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM035	File Name:	IVM036	File Name:	IVM036
Sample Name:	HS	Sample Name:	BLK9	Sample Name:	BLK9
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE







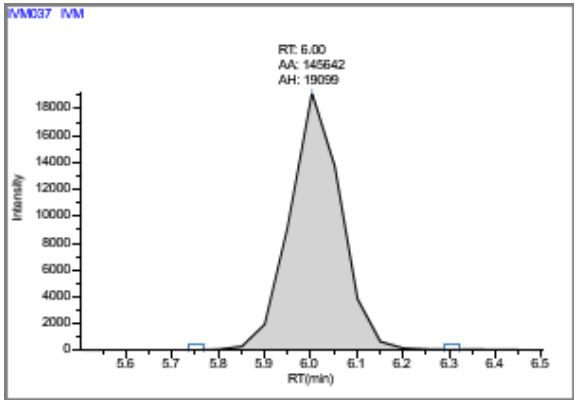
Layout updated. -DMP 9/16/2023

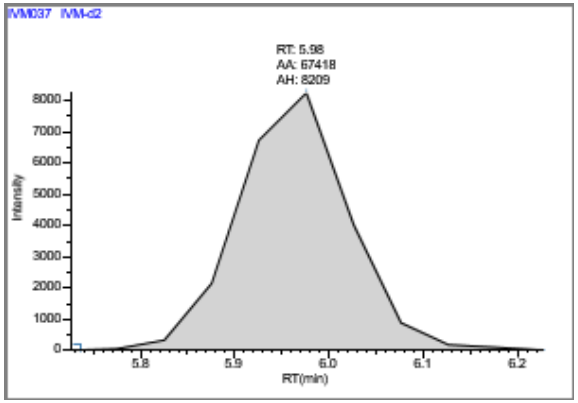
Quantis Plus (QP) Chromatograms

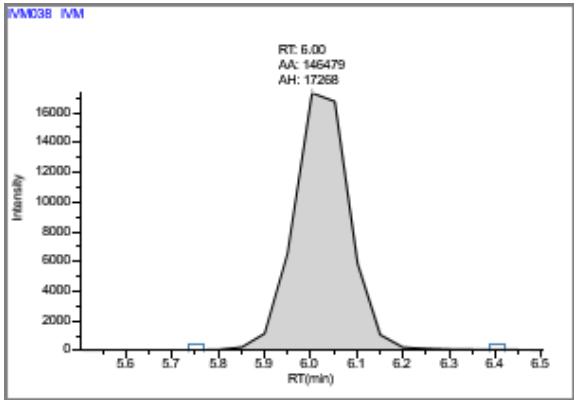
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

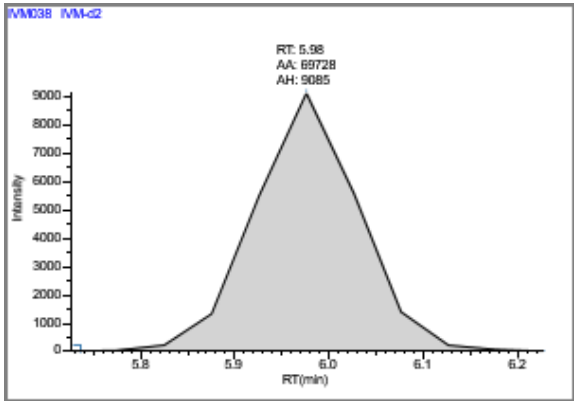
Compound Name:	IVM	Compound Name:	IVM-d2	Compound Name:	IVM
File Name:	IVM037	File Name:	IVM037	File Name:	IVM038
Sample Name:	Sample 14	Sample Name:	Sample 14	Sample Name:	Sample 15
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE

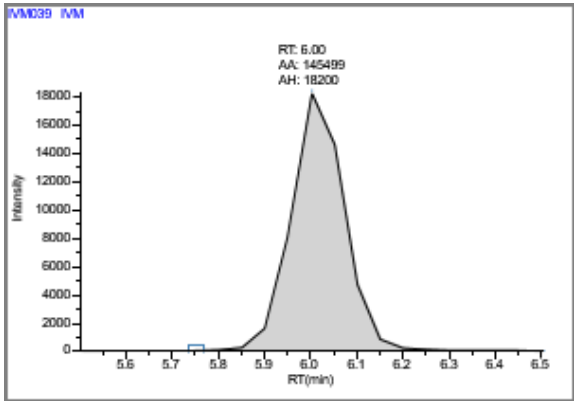


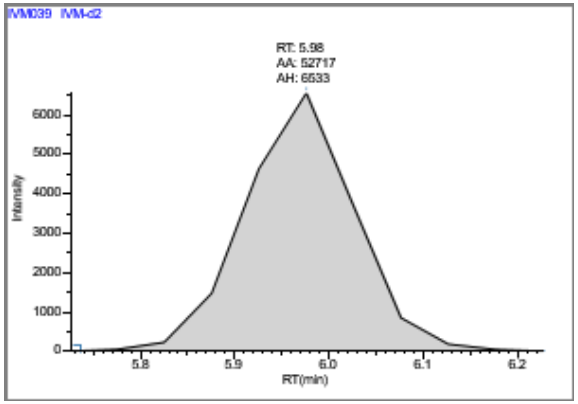




Compound Name:	IVM-d2	Compound Name:	IVM	Compound Name:	IVM-d2
File Name:	IVM038	File Name:	IVM039	File Name:	IVM039
Sample Name:	Sample 15	Sample Name:	Sample 16	Sample Name:	Sample 16
Manipulated?	FALSE	Manipulated?	FALSE	Manipulated?	FALSE







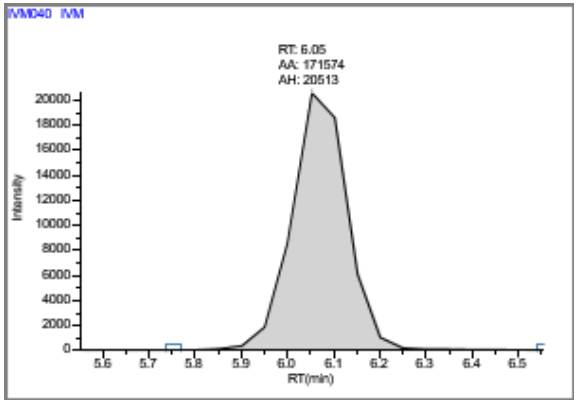
Layout updated. -DMP 9/16/2023

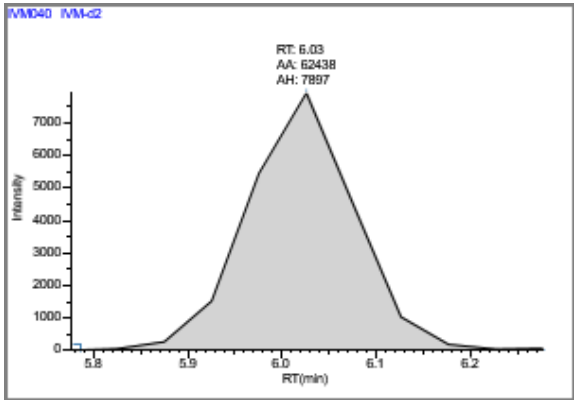
Quantis Plus (QP) Chromatograms

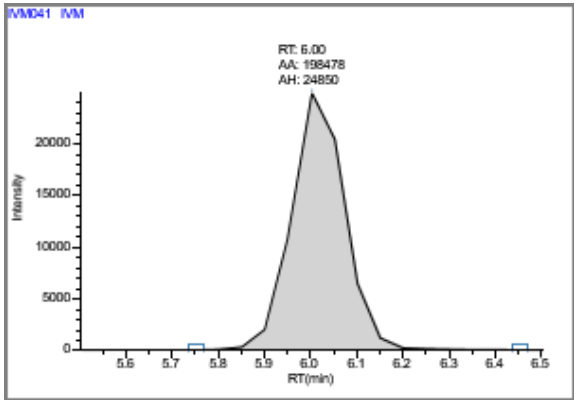
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

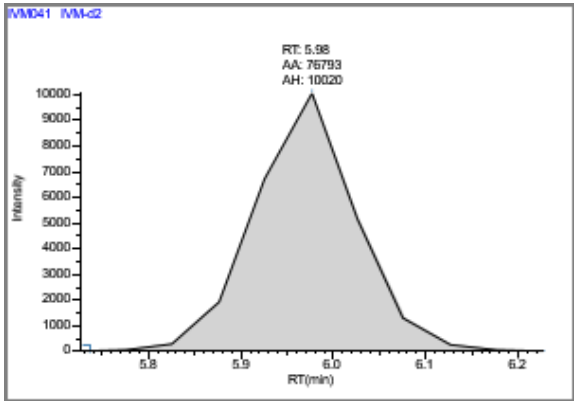
Compound Name:	**IVM**	**Compound Name:**	**IVM-d2**	**Compound Name:**	**IVM**
File Name:	**IVM040**	**File Name:**	**IVM040**	**File Name:**	**IVM041**
Sample Name:	**Sample 17**	**Sample Name:**	**Sample 17**	**Sample Name:**	**Sample 18**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**

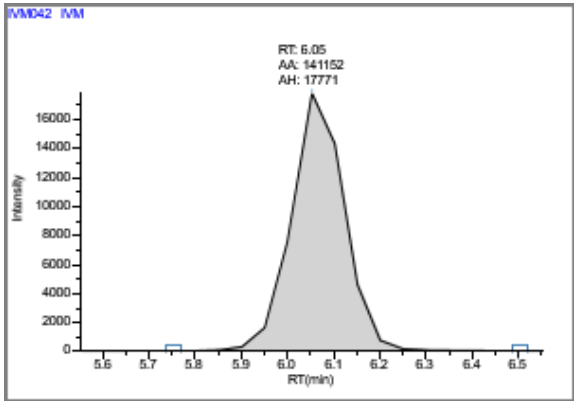


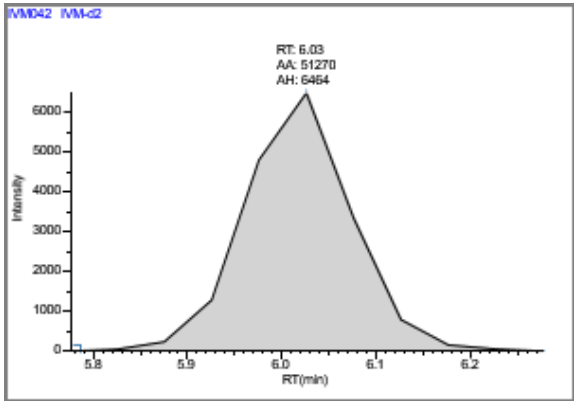




Compound Name:	**IVM-d2**	**Compound Name:**	**IVM**	**Compound Name:**	**IVM-d2**
File Name:	**IVM041**	**File Name:**	**IVM042**	**File Name:**	**IVM042**
Sample Name:	**Sample 18**	**Sample Name:**	**Sample 19**	**Sample Name:**	**Sample 19**
Manipulated?	**FALSE**	**Manipulated?**	**FALSE**	**Manipulated?**	**FALSE**







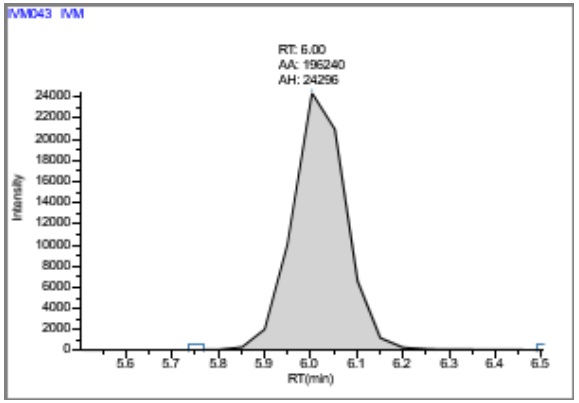
Layout updated. -DMP 9/16/2023

Quantis Plus (QP) Chromatograms

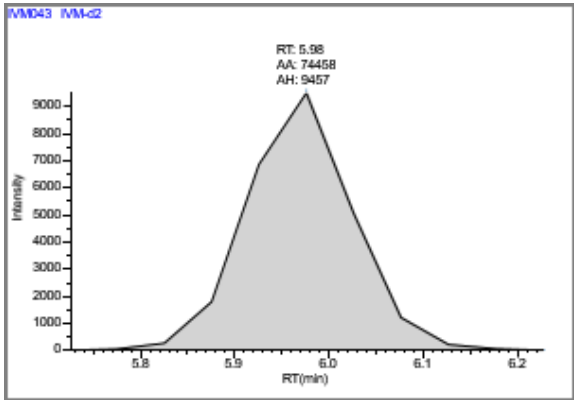
Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Acquire Date: 12/16/2025

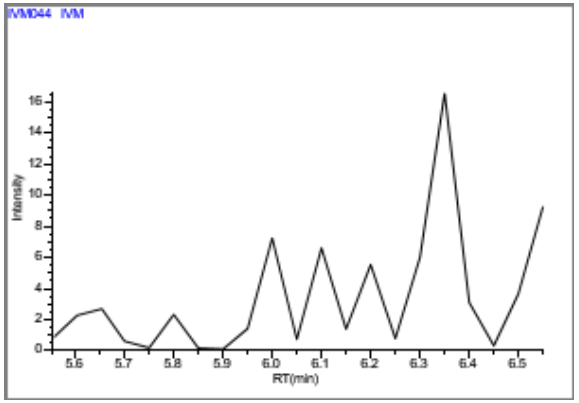
Compound Name:	IVM
File Name:	IVM043
Sample Name:	Sample 20
Manipulated?	FALSE



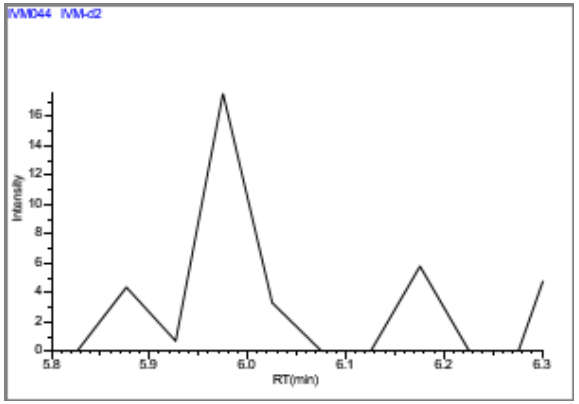
Compound Name:	IVM-d2
File Name:	IVM043
Sample Name:	Sample 20
Manipulated?	FALSE



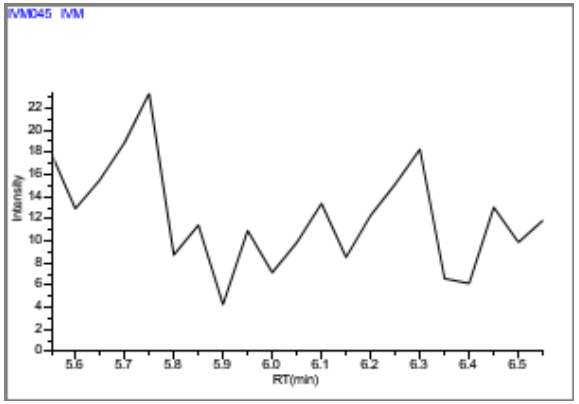
Compound Name:	IVM
File Name:	IVM044
Sample Name:	BLK10
Manipulated?	FALSE



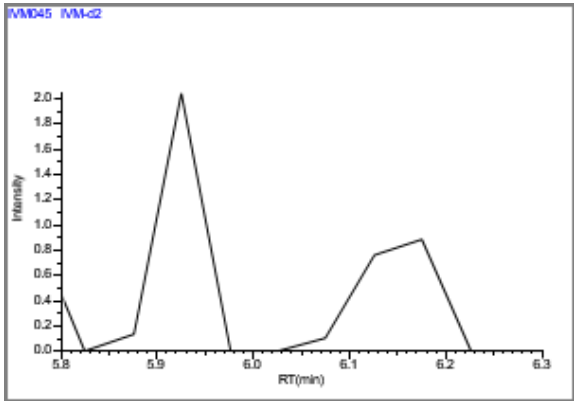
Compound Name:	IVM-d2
File Name:	IVM044
Sample Name:	BLK10
Manipulated?	FALSE



Compound Name:	IVM
File Name:	IVM045
Sample Name:	BLK11
Manipulated?	FALSE



Compound Name:	IVM-d2
File Name:	IVM045
Sample Name:	BLK11
Manipulated?	FALSE

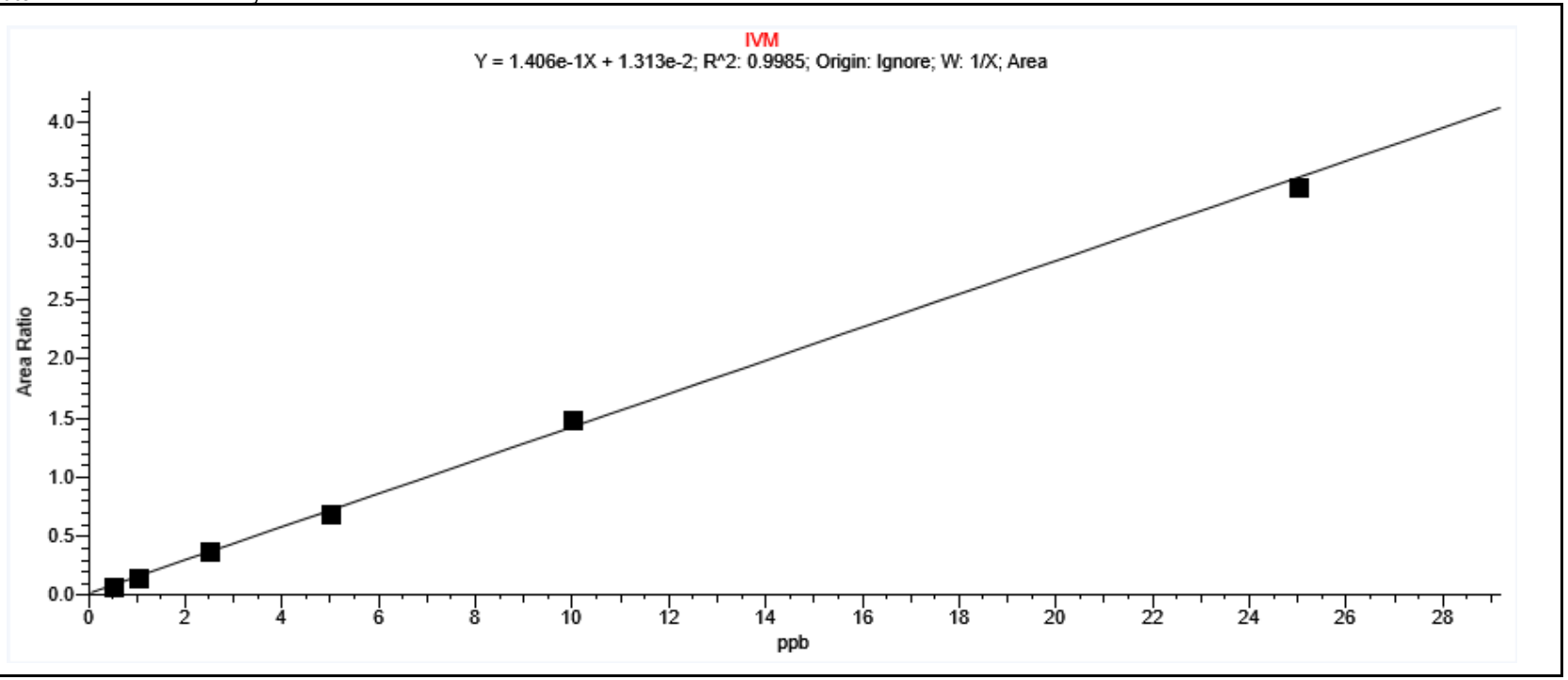


Layout updated. -DMP 9/16/2023

Quantis Plus (QP) Calibration curves

Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Date Acquired: 12/16/2025
Slope: 1.4060E-01



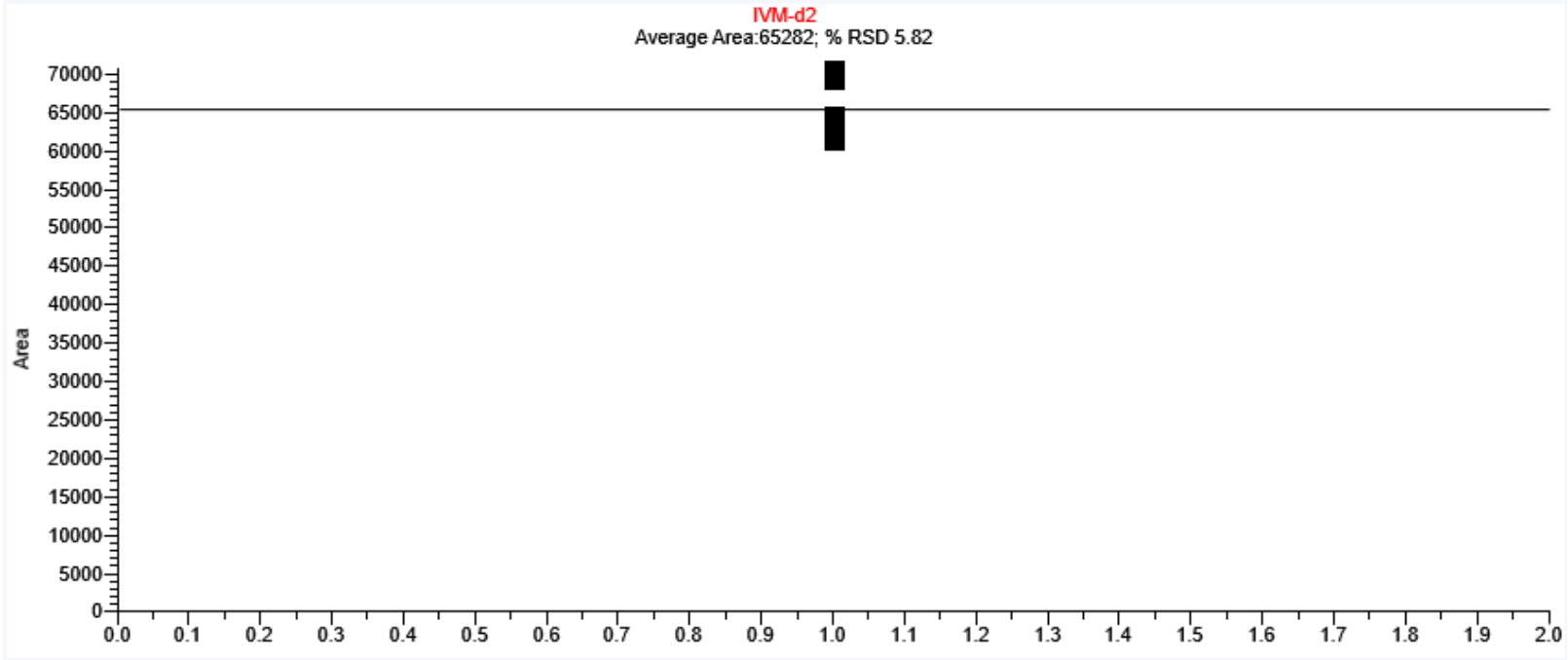
Level	Sample File	Response	Level Amount (ng/mL)	Calculated Amount (ng/mL)	Amount Diff	Is Active	Is Excluded	Manual Flag
1	IVM006	4819	0.500	0.455	-9.05	True	False	
2	IVM007	9694	1.000	1.027	2.71	True	False	
3	IVM008	24278	2.500	2.646	5.86	True	False	
4	IVM009	45140	5.000	4.878	-2.44	True	False	
5	IVM010	103337	10.000	10.492	4.92	True	False	
6	IVM011	243999	25.000	24.502	-1.99	True	False	

Layout updated. -DMP 9/16/2023

Quantis Plus (QP) Calibration curves

Lab Name: OTSC
Instrument: Quantis Plus
SOP #
Batch: IVM Feed Assay Val Set 4

Method: IVM Feed
Date Acquired: 12/16/2025
Slope:



Level	Sample File	Response	Level Amount (ng/mL)	Calculated Amount (ng/mL)	Amount Diff	Is Active	Is Excluded	Manual Flag
1	IVM006	62543	1.000	0.000	0.00	True	False	
2	IVM007	61537	1.000	0.000	0.00	True	False	
3	IVM008	63027	1.000	0.000	0.00	True	False	
4	IVM009	64587	1.000	0.000	0.00	True	False	
5	IVM010	69436	1.000	0.000	0.00	True	False	
6	IVM011	70562	1.000	0.000	0.00	True	False	

Layout updated. -DMP 9/16/2023