







REVIEWED  
By Brittany Wylie at 2:22 pm, Oct 13, 2021

10/13/2021

**Worklist: 5285**

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
C2021-2037		BCK	AM 28 Blood Multi-Drug Quant Panel 2 by LC-QQQ	
C2021-2135		BCK	AM 28 Blood Multi-Drug Quant Panel 2 by LC-QQQ	
C2021-2136		BCK	AM 28 Blood Multi-Drug Quant Panel 2 by LC-QQQ	
C2021-2211		BCK	AM 28 Blood Multi-Drug Quant Panel 2 by LC-QQQ	

## AM# 28: Multi-Drug Quantitation by LC-MS/MS Panel 2

Extraction Date 10/7/21

Analyst: Anne Nord

Plate lot#: 210609 (part IDP-122-2)

Plate Expiration: 12/09/21

**Mobile phase A:** 5mM Amm Form + 0.01% FA  
0.5M Ammonium Hydroxide

**Mobile phase B:** 0.01% Formic Acid in MeOH  
Ethyl Acetate 20% Methanol in Water

**Blank Blood Lot:** 21D52496 **Urine Blank lot:** 83121

**Column:** Agilent 120 EC-C18 (2.1x 100-2.7um)

**LCMS-QQQ ID:** 69679

### Pre-Analytic:

- 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.
- 3. Create worklist:

### Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette 250µL blood (calibrated pipette) Pipette ID: 1926134 or 250µL hydrolyzed urine in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette 250µL 0.5M ammonium hydroxide in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer 300µL of blood+base/urine+base mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).  
*(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792*
- 8. Wait 5 minutes.
- 9. Add 900uL ethyl acetate.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 12. Add 900uL ethyl acetate.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.  
*SPE Dry ID: 66819*
- 16. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

### Post-Analytic

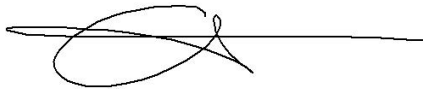
- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R<sup>2</sup> values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Yes, see comments Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS: *Evaluated: Paroxetine, Amitriptyline, Nortriptyline, Maprotiline, Methocarbamol*

*Blood only run*

*Curve limits:*

*Paroxetine 5-500*



	1	2	3	4	5	6	7	8	9	10	11	12
A				IS + Cal. 1	IS + QC_1	2211-1						
B				IS + Cal. 2	IS + QC_2							
C				IS + Cal. 3	IS + QC_3							
D				IS + Cal. 4	IS + QC_4							
E				IS + Cal. 5	negative blood							
F				IS + Cal. 6	2037-1							
G				IS + Cal. 7	2135-1							
H				IS + Cal. 8	2136-1							

c2021-

P2 plate map

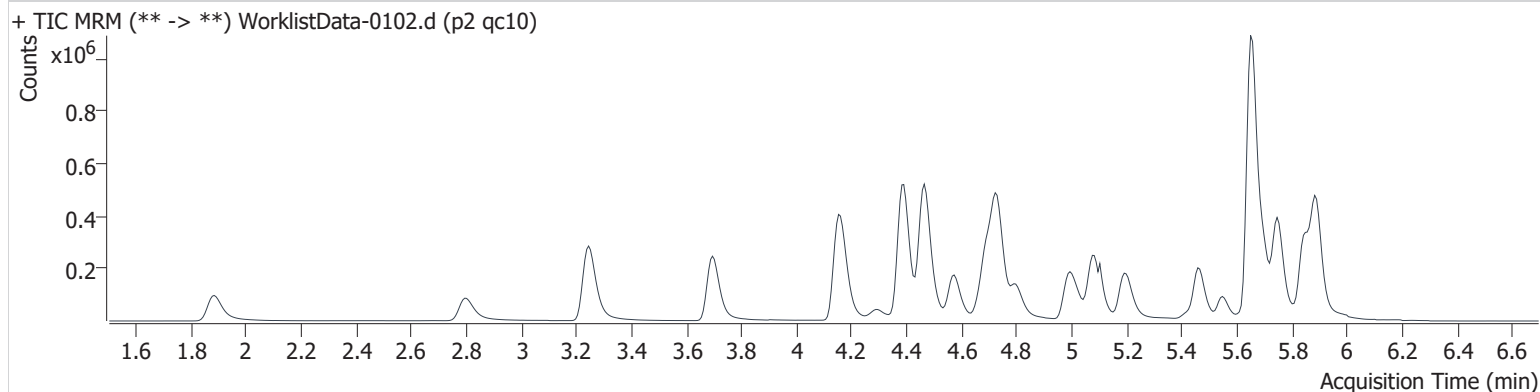
# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Calibration Last Update** 10/12/2021 10:36:34 AM

<b>Instrument</b>	69679	<b>Data File</b>	WorklistData-0102.d
<b>Type</b>	QC	<b>Sample</b>	p2 qc10
<b>Acq. Method</b>	mdqp2 1-21-21.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-A5	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	10/8/2021 9:38:41 AM		

**Sample Info.**

## Sample Chromatogram



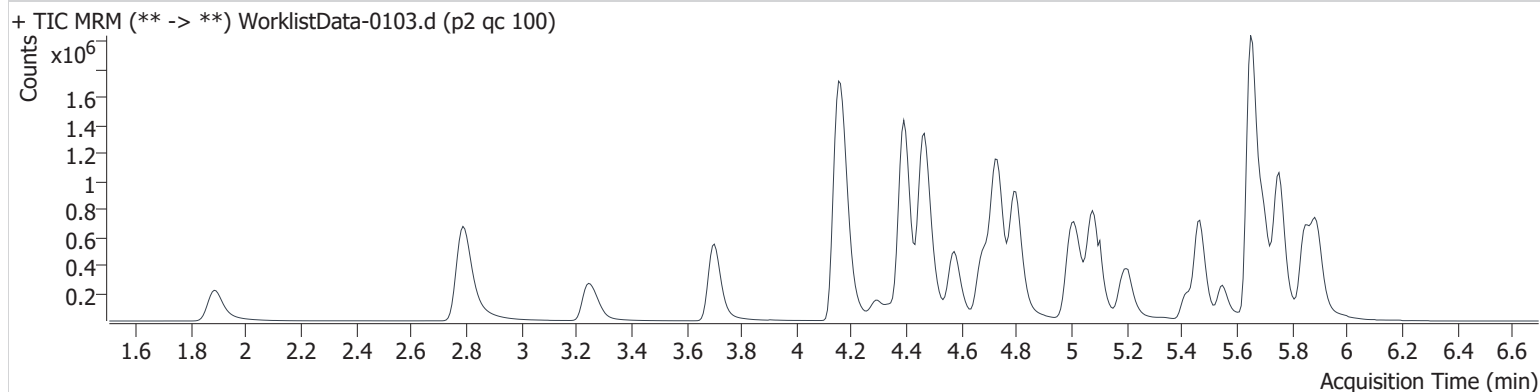
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Amitriptyline	5.729	8808	222.3	34.9	21.0	35633	9.574 ng/ml
Maprotiline	5.729	10540	116.7	53.7	146.8	35633	10.001 ng/ml
methocarbamol	4.495	19866	360.9	85.2	332.9	115305	10.369 ng/ml
Nortriptyline	5.751	8177	48.4	39.2	75.2	29327	10.318 ng/ml
paroxetine	5.630	2597	26.1	63.5	113.8	35633	9.201 ng/ml

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Calibration Last Update** 10/12/2021 10:36:34 AM

<b>Instrument</b>	69679	<b>Data File</b>	WorklistData-0103.d
<b>Type</b>	QC	<b>Sample</b>	p2 qc 100
<b>Acq. Method</b>	mdqp2 1-21-21.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-B5	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	10/8/2021 9:49:32 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



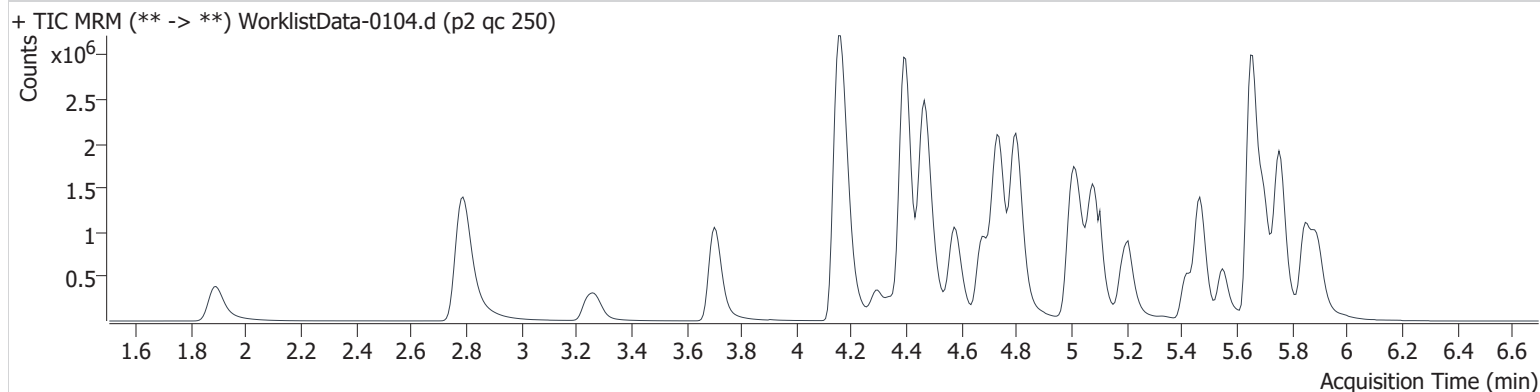
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Amitriptyline	5.729	49878	1264.7	32.6	144.5	20470	105.557 ng/ml
Maprotiline	5.729	56228	1128.0	57.6	619.3	20470	104.591 ng/ml
methocarbamol	4.495	147816	7883.7	90.0	4674.8	95028	98.954 ng/ml
Nortriptyline	5.751	43114	4878.9	34.4	6569.5	15158	101.811 ng/ml
paroxetine	5.630	15977	161.5	49.0	4439.5	20470	98.048 ng/ml

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Calibration Last Update** 10/12/2021 10:36:34 AM

<b>Instrument</b>	69679	<b>Data File</b>	WorklistData-0104.d
<b>Type</b>	QC	<b>Sample</b>	p2 qc 250
<b>Acq. Method</b>	mdqp2 1-21-21.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-C5	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	10/8/2021 10:00:24 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



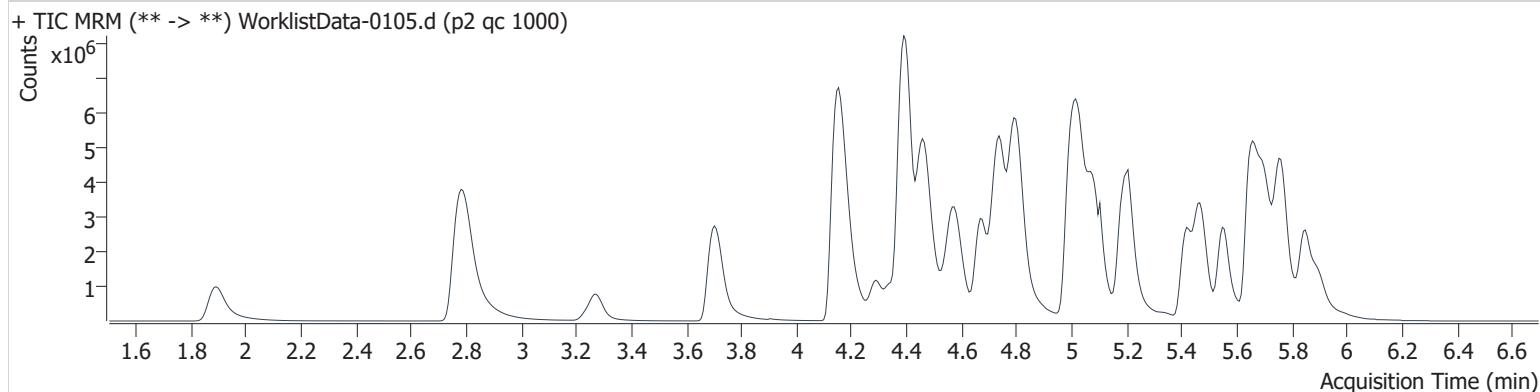
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Amitriptyline	5.729	96615	1336.7	35.8	336.4	16452	256.189 ng/ml
Maprotiline	5.729	111590	1661.4	51.4	463.5	16452	260.352 ng/ml
methocarbamol	4.502	284577	10739.1	88.1	23601.4	77109	235.690 ng/ml
Nortriptyline	5.751	73760	1319.2	33.7	465.8	10469	251.653 ng/ml
paroxetine	5.630	27527	483.6	52.1	20298.7	16452	210.137 ng/ml

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Calibration Last Update** 10/12/2021 10:36:34 AM

<b>Instrument</b>	69679	<b>Data File</b>	WorklistData-0105.d
<b>Type</b>	QC	<b>Sample</b>	p2 qc 1000
<b>Acq. Method</b>	mdqp2 1-21-21.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-D5	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	10/8/2021 10:11:13 AM		

## Sample Chromatogram



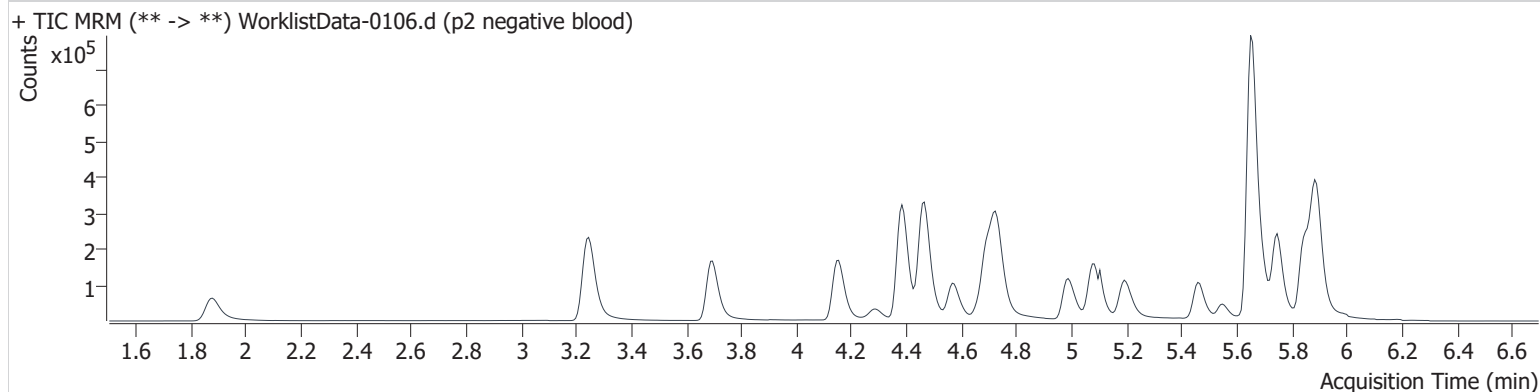
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Amitriptyline	5.729	584810	1110.3	38.3	244.4	24387	1050.037 ng/ml
Maprotiline	5.729	649802	4639.6	49.1	5003.7	24387	1026.914 ng/ml
methocarbamol	4.502	549842	26909.1	89.6	46210.6	37852	929.630 ng/ml
Nortriptyline	5.751	387509	1643.9	34.4	6736.9	14452	956.638 ng/ml
paroxetine	5.630	189452	2324.3	53.3	78263.6	24387	975.512 ng/ml <span style="color: red;">OCR</span>

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Calibration Last Update** 10/12/2021 10:36:34 AM

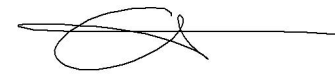
<b>Instrument</b>	69679	<b>Data File</b>	WorklistData-0106.d
<b>Type</b>	Sample	<b>Sample</b>	p2 negative blood
<b>Acq. Method</b>	mdqp2 1-21-21.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-E5	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	10/8/2021 10:32:52 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



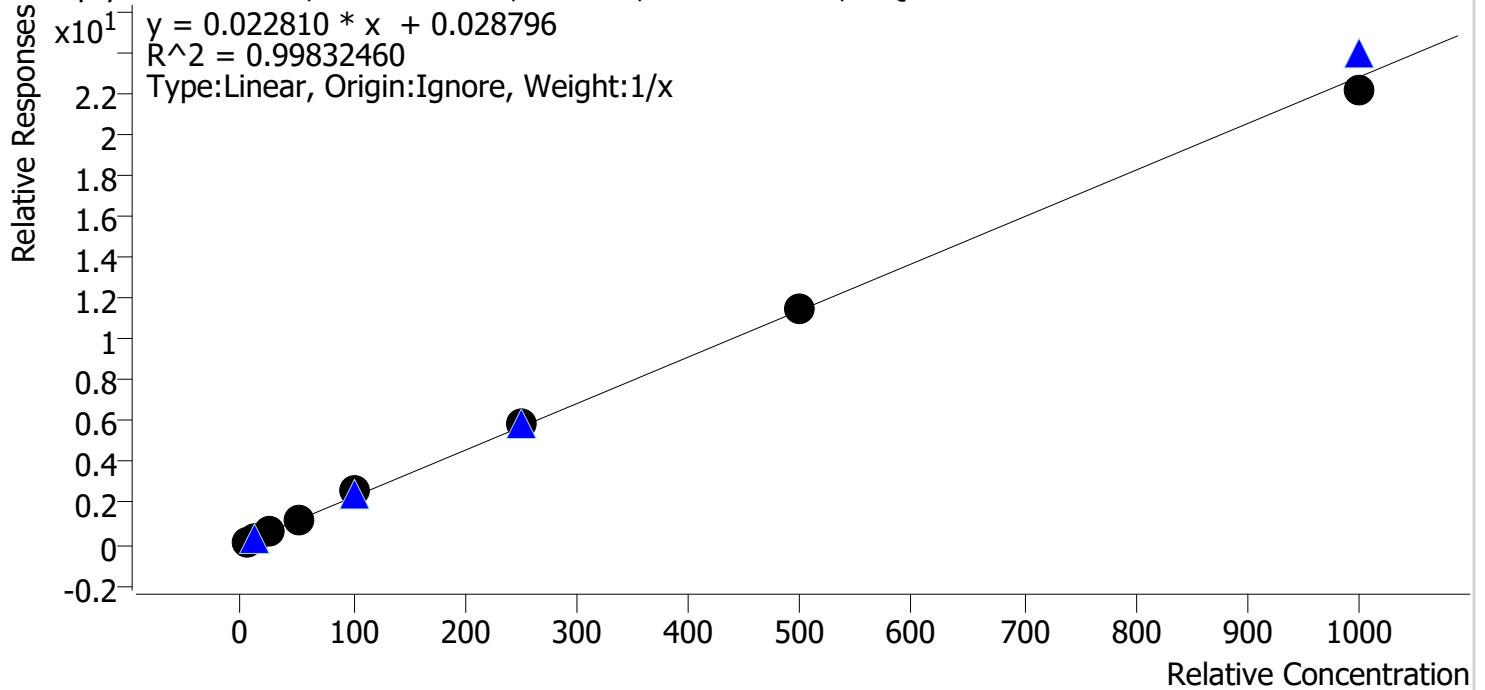


# Compound Calibration Report



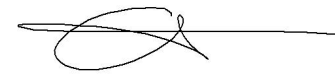
**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Last Cal. Update** 10/12/2021 10:36 AM  
**Analyst Name** ISP\datastor  
**Analyte** Amitriptyline **Internal Standard** Amitriptyline-D3

Amitriptyline - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



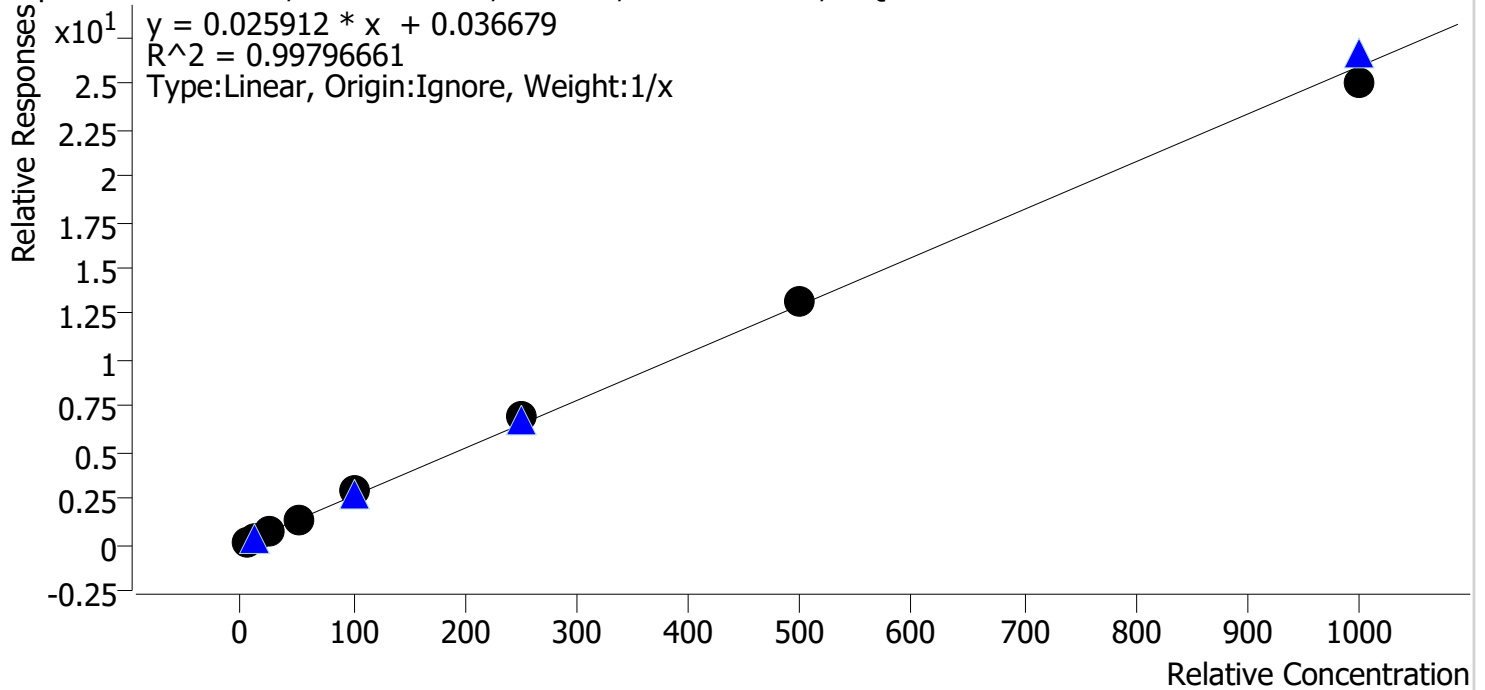
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p2 cal 1 mdq	1	✓	5.0	4.1	82.9
p2 cal 2 mdq	2	✓	10.0	9.7	96.9
p2 cal 3 mdq	3	✓	25.0	25.4	101.5
p2 cal 4 mdq	4	✓	50.0	52.3	104.7
p2 cal 5 mdq	5	✓	100.0	111.8	111.8
p2 cal 6 mdq	6	✓	250.0	260.4	104.2
p2 cal 7 mdq	7	✓	500.0	505.1	101.0
p2 cal 8 mdq	8	✓	1000.0	971.1	97.1

# Compound Calibration Report



**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Last Cal. Update** 10/12/2021 10:36 AM  
**Analyst Name** ISP\datastor  
**Analyte** Maprotiline **Internal Standard** Amitriptyline-D3

Maprotiline - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



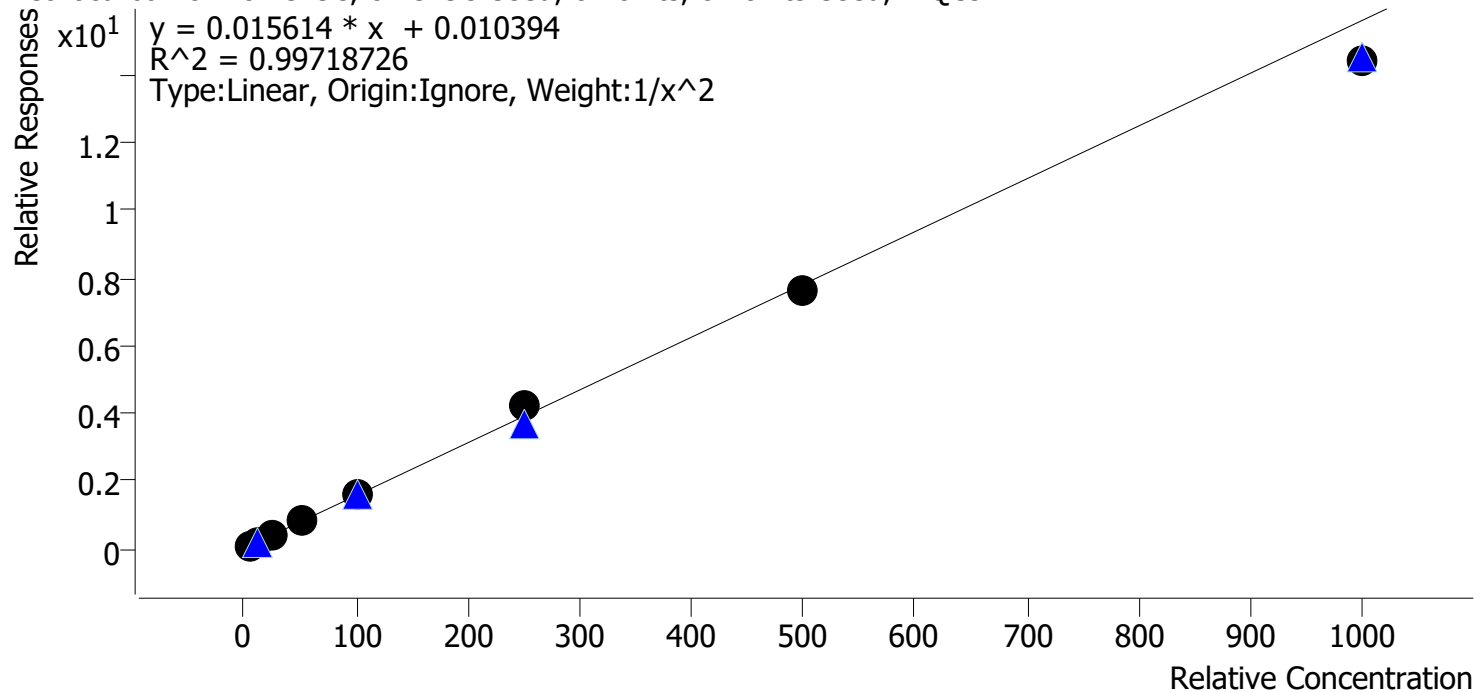
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p2 cal 1 mdq	1	✓	5.0	4.1	81.4
p2 cal 2 mdq	2	✓	10.0	9.7	97.4
p2 cal 3 mdq	3	✓	25.0	25.8	103.3
p2 cal 4 mdq	4	✓	50.0	51.5	103.1
p2 cal 5 mdq	5	✓	100.0	110.8	110.8
p2 cal 6 mdq	6	✓	250.0	265.0	106.0
p2 cal 7 mdq	7	✓	500.0	507.4	101.5
p2 cal 8 mdq	8	✓	1000.0	965.7	96.6

# Compound Calibration Report



**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Last Cal. Update** 10/12/2021 10:36 AM  
**Analyst Name** ISP\datastor  
**Analyte** methocarbamol **Internal Standard** Flunitrazepam-D7

methocarbamol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

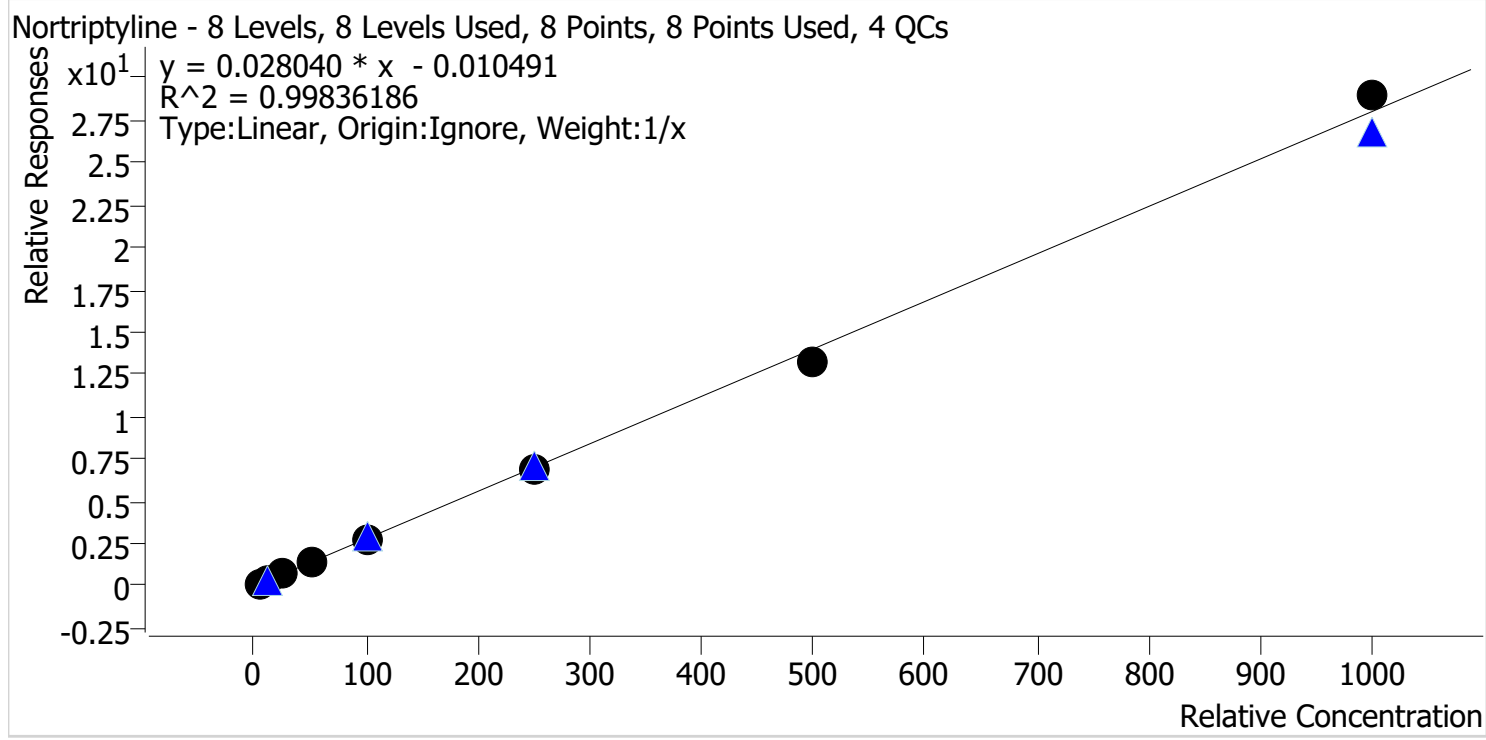


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p2 cal 1 mdq	1	✓	5.0	4.9	97.6
p2 cal 2 mdq	2	✓	10.0	10.4	104.0
p2 cal 3 mdq	3	✓	25.0	25.4	101.6
p2 cal 4 mdq	4	✓	50.0	49.5	99.0
p2 cal 5 mdq	5	✓	100.0	101.1	101.1
p2 cal 6 mdq	6	✓	250.0	268.4	107.4
p2 cal 7 mdq	7	✓	500.0	484.8	97.0
p2 cal 8 mdq	8	✓	1000.0	923.3	92.3

# Compound Calibration Report



**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Last Cal. Update** 10/12/2021 10:36 AM  
**Analyst Name** ISP\datastor  
**Analyte** Nortriptyline **Internal Standard** Nortriptyline-d3



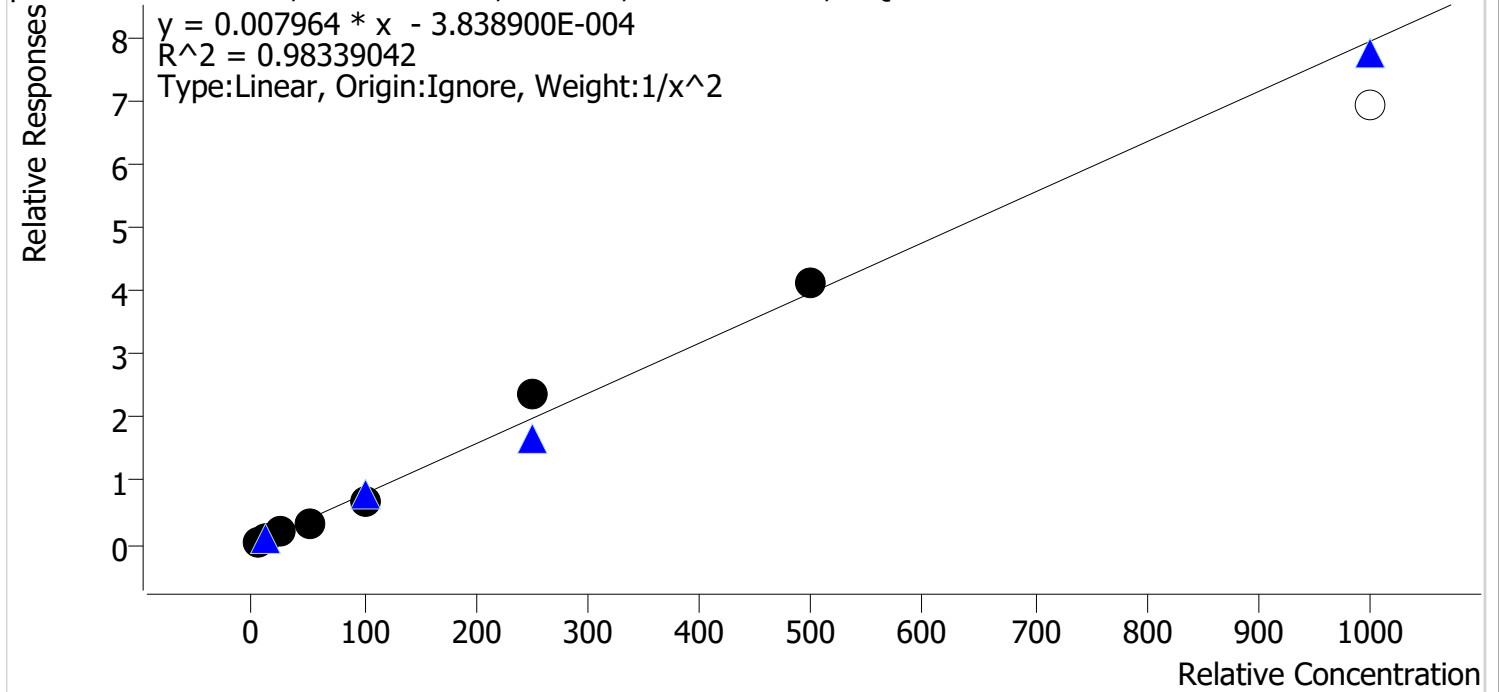
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p2 cal 1 mdq	1	✓	5.0	5.4	107.4
p2 cal 2 mdq	2	✓	10.0	10.6	105.5
p2 cal 3 mdq	3	✓	25.0	24.5	98.0
p2 cal 4 mdq	4	✓	50.0	47.2	94.3
p2 cal 5 mdq	5	✓	100.0	97.2	97.2
p2 cal 6 mdq	6	✓	250.0	248.7	99.5
p2 cal 7 mdq	7	✓	500.0	472.9	94.6
p2 cal 8 mdq	8	✓	1000.0	1033.5	103.4

# Compound Calibration Report



**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Last Cal. Update** 10/12/2021 10:36 AM  
**Analyst Name** ISP\datastor  
**Analyte** paroxetine **Internal Standard** Amitriptyline-D3

paroxetine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p2 cal 1 mdq	1	✓	5.0	5.2	104.1
p2 cal 2 mdq	2	✓	10.0	9.3	92.6
p2 cal 3 mdq	3	✓	25.0	26.2	104.8
p2 cal 4 mdq	4	✓	50.0	44.3	88.7
p2 cal 5 mdq	5	✓	100.0	87.9	87.9
p2 cal 6 mdq	6	✓	250.0	296.3	118.5
p2 cal 7 mdq	7	✓	500.0	517.0	103.4
p2 cal 8 mdq	8	✗	1000.0	872.0	87.2

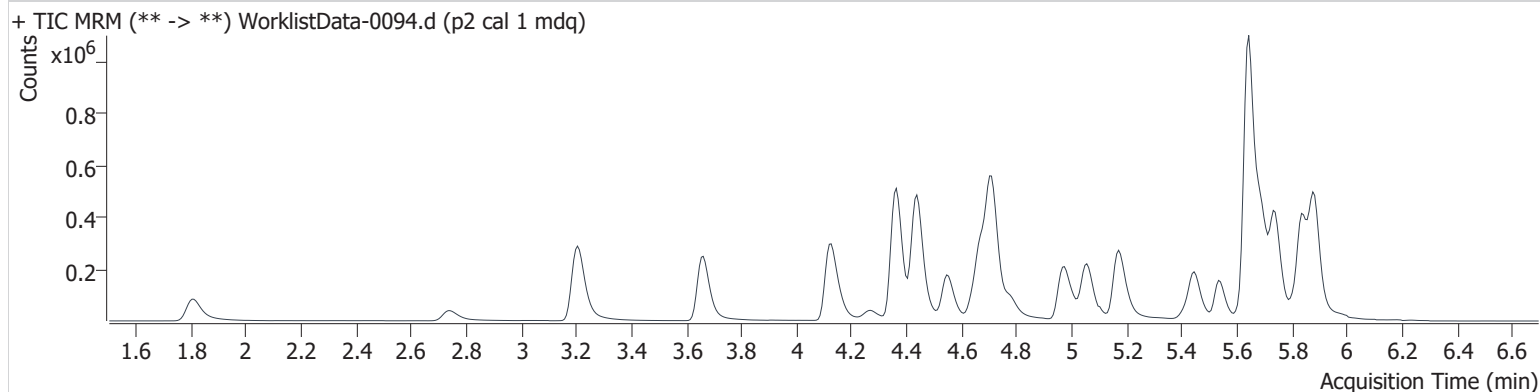
cal 8 dropped due being outside linearity range.

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Calibration Last Update** 10/12/2021 10:36:34 AM

<b>Instrument</b>	69679	<b>Data File</b>	WorklistData-0094.d
<b>Type</b>	Cal	<b>Sample</b>	p2 cal 1 mdq
<b>Acq. Method</b>	mdqp2 1-21-21.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-A4	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	10/7/2021 11:59:51 PM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Amitriptyline	5.723	14412	500.0	32.3	39.5	116792	4.147 ng/ml
Maprotiline	5.723	16601	257.8	57.5	109.0	116792	4.070 ng/ml
methocarbamol	4.468	10081	185.9	84.5	150.9	116382	4.881 ng/ml
Nortriptyline	5.744	14316	1183.1	33.8	283.3	102158	5.372 ng/ml
paroxetine	5.623	4795	124.4	58.5	1161.2	116792	5.203 ng/ml

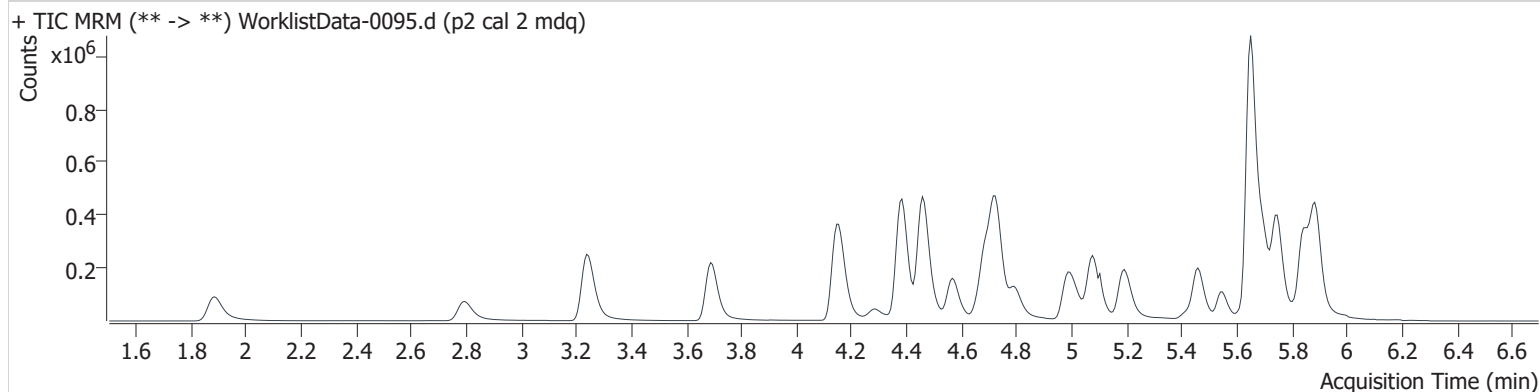
# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Calibration Last Update** 10/12/2021 10:36:34 AM

<b>Instrument</b>	69679	<b>Data File</b>	WorklistData-0095.d
<b>Type</b>	Cal	<b>Sample</b>	p2 cal 2 mdq
<b>Acq. Method</b>	mdqp2 1-21-21.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-B4	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	10/8/2021 8:12:03 AM		

**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Amitriptyline	5.729	14541	275.0	32.7	21.1	58224	9.686 ng/ml
Maprotiline	5.729	16823	89.8	58.5	394.9	58224	9.735 ng/ml
methocarbamol	4.488	18647	462.7	87.2	129.2	107893	10.403 ng/ml
Nortriptyline	5.751	14373	9320.7	32.6	718.0	50364	10.552 ng/ml
paroxetine	5.630	4272	36.1	55.3	1542.9	58224	9.261 ng/ml

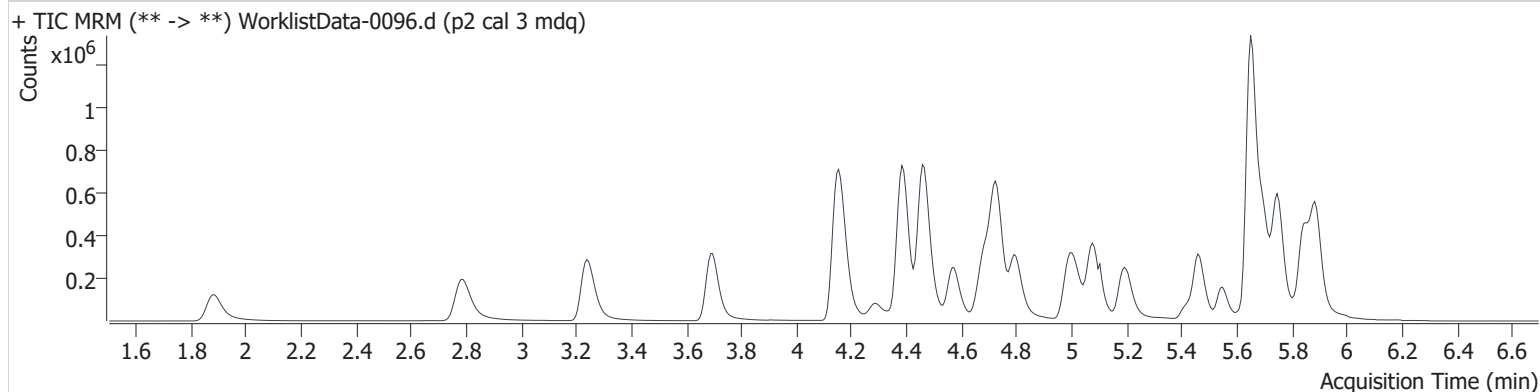
# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Calibration Last Update** 10/12/2021 10:36:34 AM

<b>Instrument</b>	69679	<b>Data File</b>	WorklistData-0096.d
<b>Type</b>	Cal	<b>Sample</b>	p2 cal 3 mdq
<b>Acq. Method</b>	mdqp2 1-21-21.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-C4	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	10/8/2021 8:22:53 AM		

**Sample Info.**

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Amitriptyline	5.729	35920	427.6	33.7	64.5	59139	25.365 ng/ml
Maprotiline	5.729	41756	677.9	60.4	310.5	59139	25.833 ng/ml
methocarbamol	4.495	46884	1662.3	87.8	5536.3	115156	25.409 ng/ml
Nortriptyline	5.751	34532	31519.9	35.7	187.0	51024	24.511 ng/ml
paroxetine	5.630	12319	633.4	50.8	57.8	59139	26.204 ng/ml



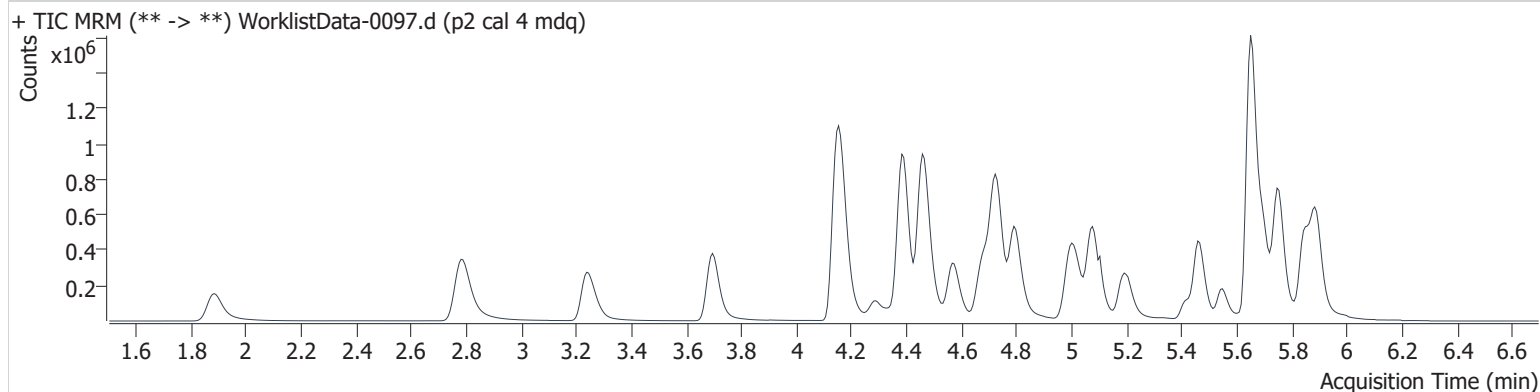
# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Calibration Last Update** 10/12/2021 10:36:34 AM

**Instrument** 69679  
**Type** Cal  
**Acq. Method** mdqp2 1-21-21.m  
**Sample Position** P2-D4  
**Injection Volume** 5  
**Acq. Date-Time** 10/8/2021 8:33:42 AM  
**Sample Info.**

**Data File** WorklistData-0097.d  
**Sample** p2 cal 4 mdq  
**Operator** Anne Nord  
**Comment**

## Sample Chromatogram



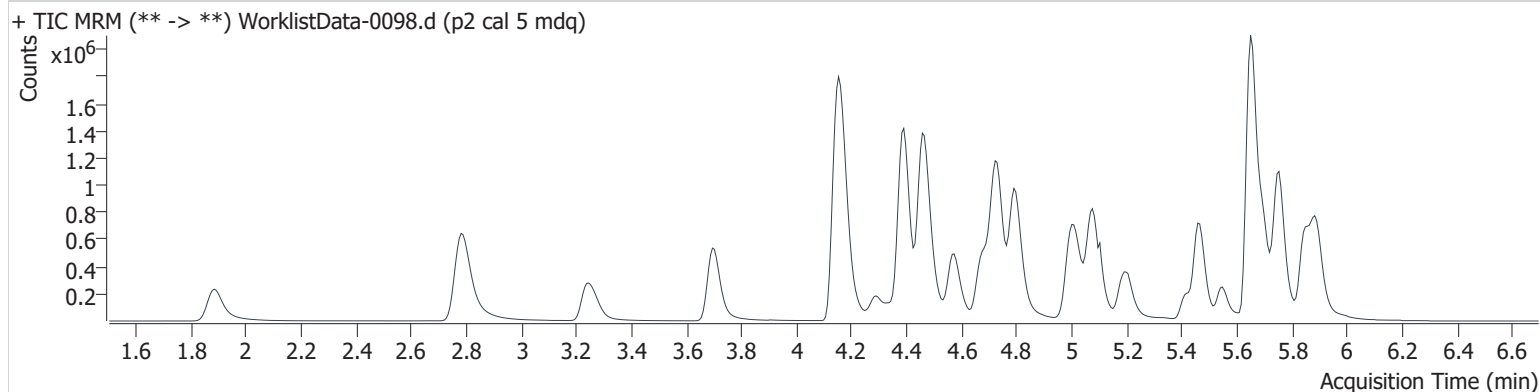
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Amitriptyline	5.729	32489	888.7	31.1	34.4	26576	52.330 ng/ml
Maprotiline	5.729	36470	295.2	56.8	124.2	26576	51.544 ng/ml
methocarbamol	4.495	85545	1198.3	88.0	822.4	109213	49.498 ng/ml
Nortriptyline	5.751	27003	19691.5	34.3	860.0	20578	47.173 ng/ml
paroxetine	5.630	9375	249.9	56.0	178.7	26576	44.341 ng/ml

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Calibration Last Update** 10/12/2021 10:36:34 AM

<b>Instrument</b>	69679	<b>Data File</b>	WorklistData-0098.d
<b>Type</b>	Cal	<b>Sample</b>	p2 cal 5 mdq
<b>Acq. Method</b>	mdqp2 1-21-21.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-E4	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	10/8/2021 8:44:32 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



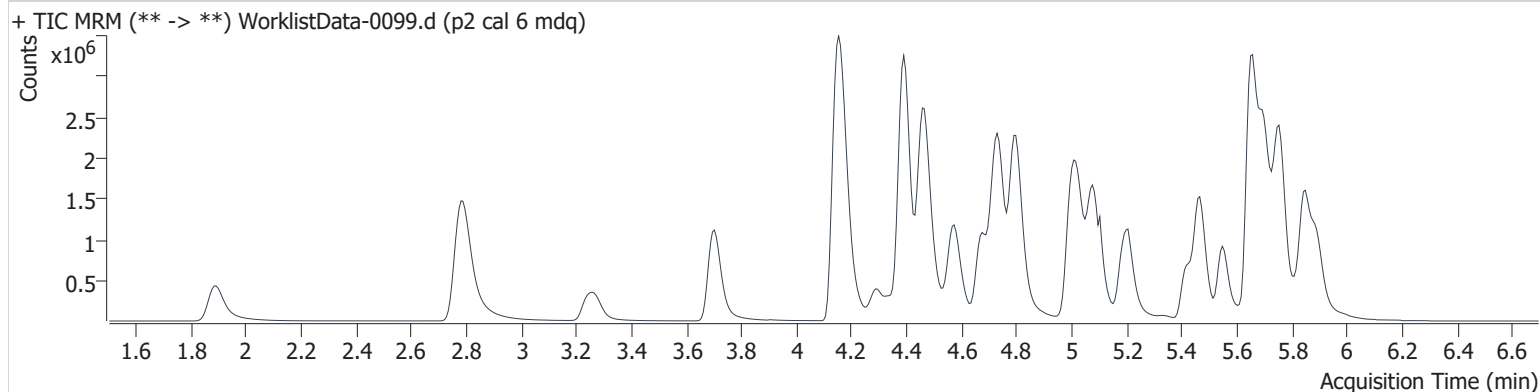
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Amitriptyline	5.729	38571	6113.4	32.3	229.2	14962	111.754 ng/ml
Maprotiline	5.729	43497	680.3	54.7	512.3	14962	110.783 ng/ml
methocarbamol	4.495	156843	1483.7	88.2	9785.0	98748	101.056 ng/ml
Nortriptyline	5.751	30949	36708.5	33.7	1450.8	11396	97.231 ng/ml
paroxetine	5.630	10467	197.5	54.7	3790.3	14962	87.892 ng/ml

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Calibration Last Update** 10/12/2021 10:36:34 AM

<b>Instrument</b>	69679	<b>Data File</b>	WorklistData-0099.d
<b>Type</b>	Cal	<b>Sample</b>	p2 cal 6 mdq
<b>Acq. Method</b>	mdqp2 1-21-21.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-F4	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	10/8/2021 8:55:22 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



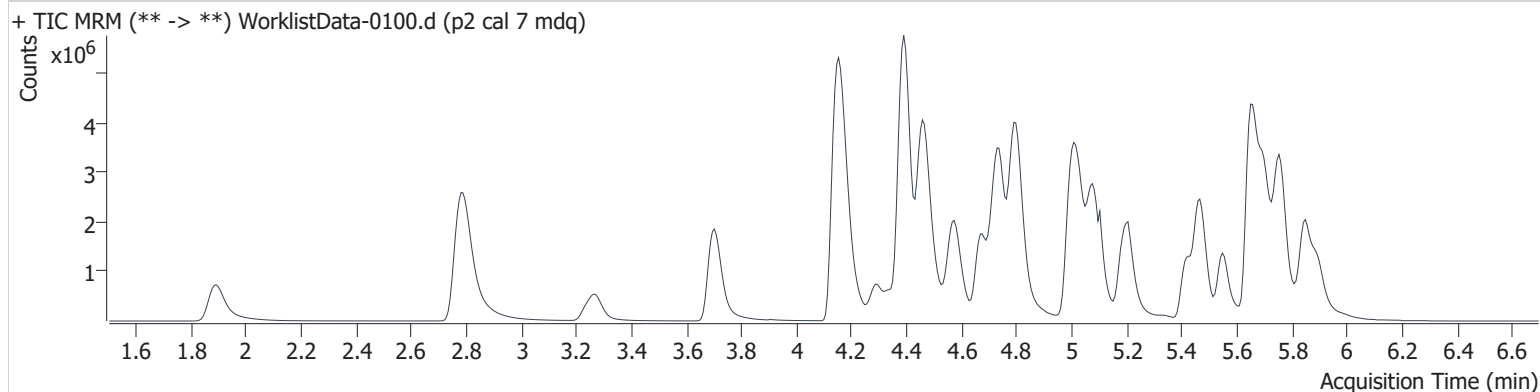
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Amitriptyline	5.729	353665	13117.6	37.6	519.6	59249	260.422 ng/ml
Maprotiline	5.729	409009	2147.4	55.2	1328.1	59249	264.999 ng/ml
methocarbamol	4.495	305429	5041.5	89.8	74530.2	72700	268.393 ng/ml
Nortriptyline	5.751	319202	566.9	34.5	878.6	45838	248.727 ng/ml
paroxetine	5.630	139806	10904.5	52.0	40101.7	59249	296.335 ng/ml

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Calibration Last Update** 10/12/2021 10:36:34 AM

<b>Instrument</b>	69679	<b>Data File</b>	WorklistData-0100.d
<b>Type</b>	Cal	<b>Sample</b>	p2 cal 7 mdq
<b>Acq. Method</b>	mdqp2 1-21-21.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-G4	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	10/8/2021 9:06:11 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



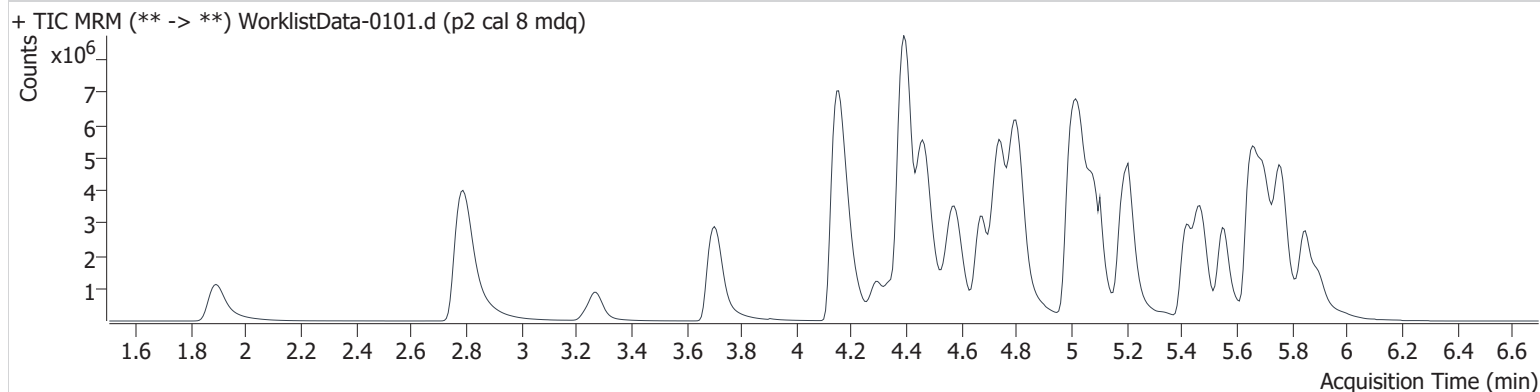
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Amitriptyline	5.729	410838	20551.4	37.3	1644.6	35566	505.149 ng/ml
Maprotiline	5.729	468895	1501.4	52.1	660.0	35566	507.385 ng/ml
methocarbamol	4.502	467653	25119.0	90.1	29295.8	61688	484.844 ng/ml
Nortriptyline	5.751	321271	42769.2	34.9	7046.5	24248	472.896 ng/ml
paroxetine	5.630	146432	9853.0	52.5	71299.9	35566	517.023 ng/ml

# AM #28 Multi-Drug Quant. Results

**Batch results** D:\MassHunter\Data\2021\am 27-28\100721\QuantResults\mdqp2.batch.bin  
**Calibration Last Update** 10/12/2021 10:36:34 AM

<b>Instrument</b>	69679	<b>Data File</b>	WorklistData-0101.d
<b>Type</b>	Cal	<b>Sample</b>	p2 cal 8 mdq
<b>Acq. Method</b>	mdqp2 1-21-21.m	<b>Operator</b>	Anne Nord
<b>Sample Position</b>	P2-H4	<b>Comment</b>	
<b>Injection Volume</b>	5		
<b>Acq. Date-Time</b>	10/8/2021 9:17:01 AM		
<b>Sample Info.</b>			

## Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Amitriptyline	5.729	617925	20013.4	39.0	3419.8	27858	971.146 ng/ml
Maprotiline	5.729	698078	3507.5	46.4	27581.0	27858	965.650 ng/ml
methocarbamol	4.502	571267	345.3	90.6	24052.2	39596	923.318 ng/ml
Nortriptyline	5.751	407183	26854.3	35.3	4070.1	14056	1033.538 ng/ml
paroxetine	5.630	193462	2436.9	52.8	3136.8	27858	872.036 ng/ml