

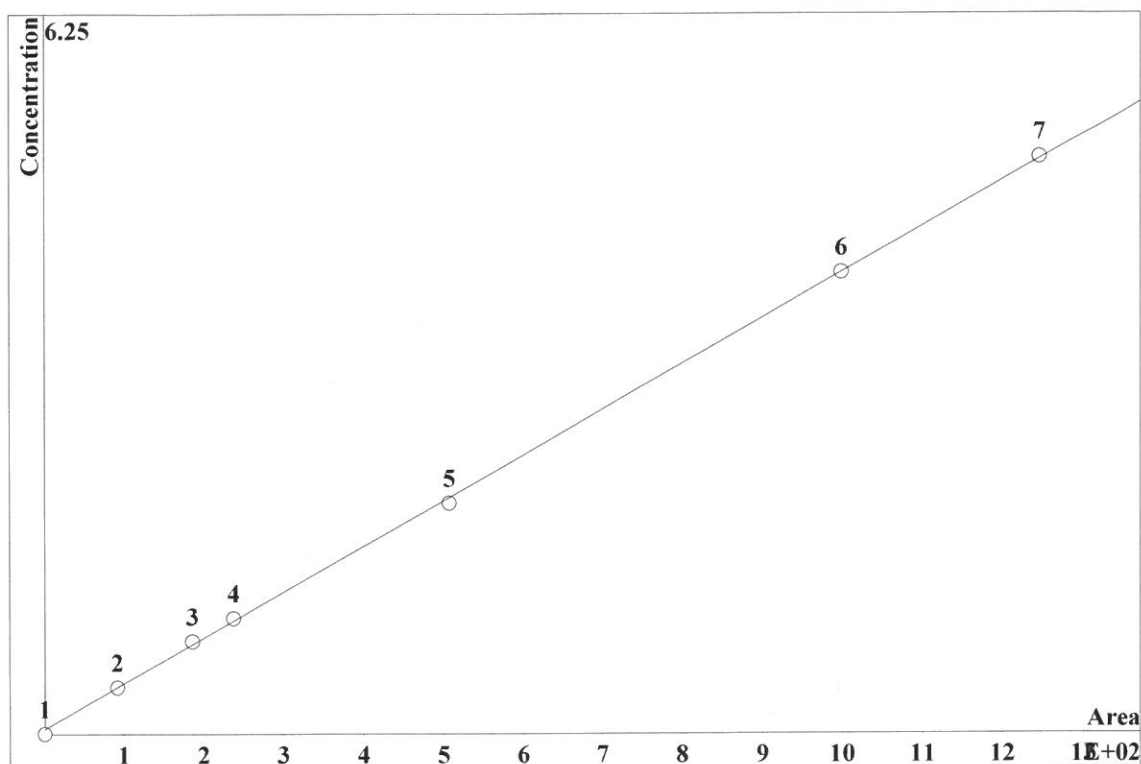
Clear table

| Instrument ID: IC-2 |                      |                       |                        |                       |                       |                        |                       |             |              | Analyst : AP             |         | Method: 300.0 |  |
|---------------------|----------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------|--------------|--------------------------|---------|---------------|--|
| ident               | concentra<br>tion F- | concentratio<br>n CL- | concentratio<br>on NO2 | concentrati<br>on BR- | concentrati<br>on NO3 | concentrati<br>on HPO4 | concentrati<br>on SO4 | file name   | date time    | Initial wt/<br>Final Vol | Analyst |               |  |
| STD1                | 0.0000               | 0.0000                | 0.0000                 | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2021-06-09_ | 6/9/21 10:00 |                          | AP/MA   |               |  |
| STD2                | 0.4050               | 0.6460                | 0.6420                 | 2.1610                | 0.5510                | 0.9000                 | 3.3620                | 2021-06-09_ | 6/9/21 10:31 |                          | AP/MA   |               |  |
| STD3                | 0.7770               | 1.1870                | 1.1850                 | 3.9630                | 0.9920                | 1.9910                 | 5.9610                | 2021-06-09_ | 6/9/21 11:01 |                          | AP/MA   |               |  |
| STD4                | 0.9810               | 1.4970                | 1.4970                 | 5.0160                | 1.2490                | 2.5950                 | 7.4670                | 2021-06-09_ | 6/9/21 11:32 |                          | AP/MA   |               |  |
| STD5                | 2.0500               | 2.9570                | 2.9600                 | 9.8110                | 2.4440                | 5.0400                 | 14.6060               | 2021-06-09_ | 6/9/21 12:02 |                          | AP/MA   |               |  |
| STD6                | 4.0040               | 5.9880                | 6.0010                 | 19.9330               | 4.9770                | 10.0050                | 29.8620               | 2021-06-09_ | 6/9/21 12:33 |                          | AP/MA   |               |  |
| STD7                | 4.9840               | 7.5250                | 7.5140                 | 25.1160               | 6.2870                | 12.4680                | 37.7420               | 2021-06-09_ | 6/9/21 13:04 |                          | AP/MA   |               |  |
| ICV                 | 2.0300               | 2.8660                | 2.8700                 | 9.5040                | 2.3710                | 5.0290                 | 14.1730               | 2021-06-09_ | 6/9/21 13:34 |                          | AP/MA   |               |  |
| ICB                 | 0.0000               | 0.0000                | 0.0000                 | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2021-06-09_ | 6/9/21 14:05 |                          | AP/MA   |               |  |
| CCV                 | 1.9700               | 2.9020                | 2.8930                 | 9.6330                | 2.4130                | 4.7250                 | 14.3130               | 2021-07-07_ | 7/7/21 11:55 |                          | AP/MA   |               |  |
| CCB                 | 0.0000               | 0.0000                | 0.0000                 | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2021-07-07_ | 7/7/21 12:37 |                          | AP/MA   |               |  |
| LB115241BLW         | 0.0000               | 0.0000                | 0.0000                 | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2021-07-07_ | 7/7/21 13:07 |                          | AP/MA   |               |  |
| LB115241BSW         | 1.9910               | 2.9120                | 2.9360                 | 9.6350                | 2.4100                | 4.8290                 | 14.3990               | 2021-07-07_ | 7/7/21 13:36 |                          | AP/MA   |               |  |
| M2962-01            | 0.0000               | 4.2600                | 0.0000                 | 0.4320                | 0.4850                | -0.2830                | 2.4690                | 2021-07-07_ | 7/7/21 14:50 |                          | AP/MA   |               |  |
| M2962-02            | 0.0000               | 40.0990               | 0.0000                 | 0.0000                | 0.3540                | 0.0000                 | 8.8930                | 2021-07-07_ | 7/7/21 15:20 |                          | AP/MA   |               |  |
| M2962-03            | 0.0920               | 63.9480               | 0.0000                 | 0.0000                | 0.1220                | 0.0000                 | 15.5910               | 2021-07-07_ | 7/7/21 15:49 |                          | AP/MA   |               |  |
| M2962-03MS          | 3.1680               | 65.2630               | 2.7350                 | 9.9700                | 2.5130                | 10.5540                | 30.6480               | 2021-07-07_ | 7/7/21 16:19 |                          | AP/MA   |               |  |
| M2962-03MSD         | 2.9110               | 65.8790               | 2.5990                 | 9.5040                | 2.3940                | 10.4260                | 30.0000               | 2021-07-07_ | 7/7/21 16:49 |                          | AP/MA   |               |  |
| CCV                 | 2.0510               | 2.9300                | 2.9380                 | 9.6730                | 2.4300                | 6.8040                 | 14.4090               | 2021-07-07_ | 7/7/21 17:18 |                          | AP/MA   |               |  |
| CCB                 | 0.0000               | 0.0000                | 0.0000                 | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2021-07-07_ | 7/7/21 17:48 |                          | AP/MA   |               |  |

CALIBRATION OF COMPONENT F-

IC-2  
6/15/2021  
AM

Method: AnionsIC2-060921.mtw  
Equation:  $Q = 0.0792888 \cdot A + 0.819643$   
RSD: 1.384 %  
Correlation coefficient: 0.999896



K3 = 0      K2 = 0      K1 = 0.0792888      K0 = 0.819643

Base: Area

Ref.channel: chl

ISTD:

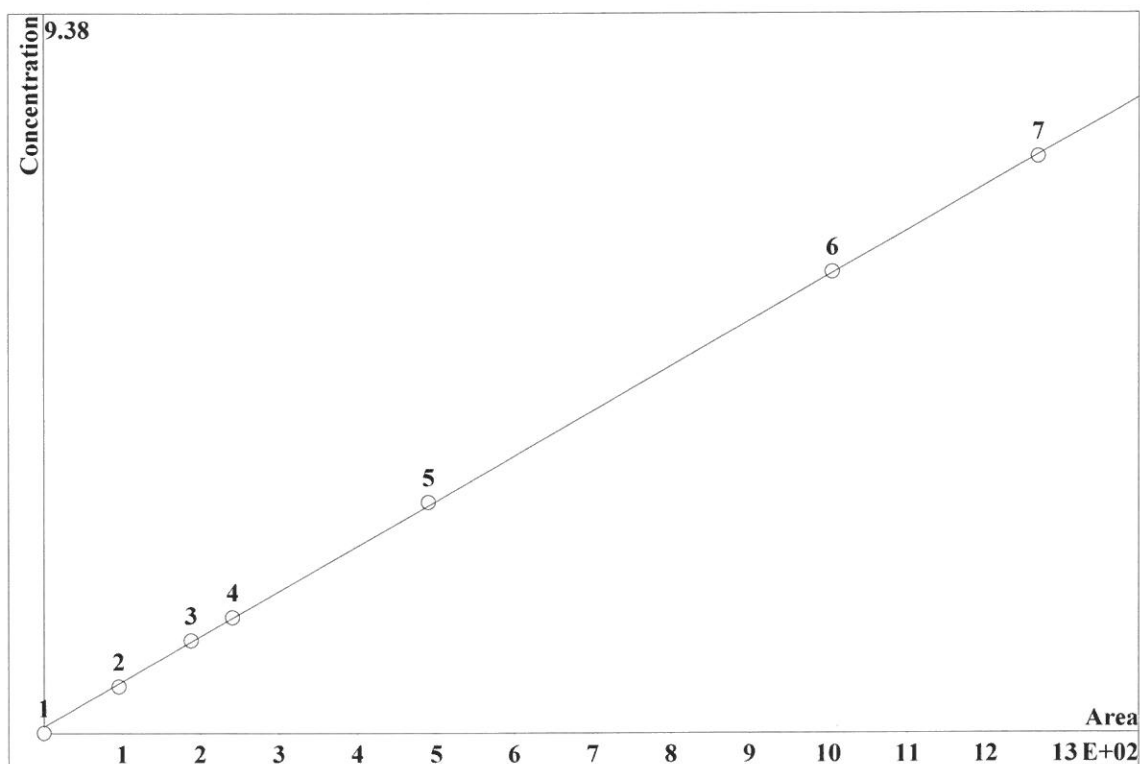
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 2.884  | 91.85 | 0.4   | 20      | 5.75      |      |      |
| 3     | 6.111  | 185.7 | 0.8   | 20      | 5.75      |      |      |
| 4     | 7.874  | 237   | 1     | 20      | 5.75      |      |      |
| 5     | 17.13  | 506.8 | 2     | 20      | 5.75      |      |      |
| 6     | 36.83  | 999.5 | 4     | 20      | 5.75      |      |      |
| 7     | 44.32  | 1247  | 5     | 20      | 5.75      |      |      |

## CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-060921.mtw  
 Equation:  $Q = 0.117495 \cdot A + 1.62784$   
 RSD: 1.057 %  
 Correlation coefficient: 0.999939



K3 = 0      K2 = 0      K1 = 0.117495      K0 = 1.62784

Base: Area

Ref.channel: chl

ISTD:

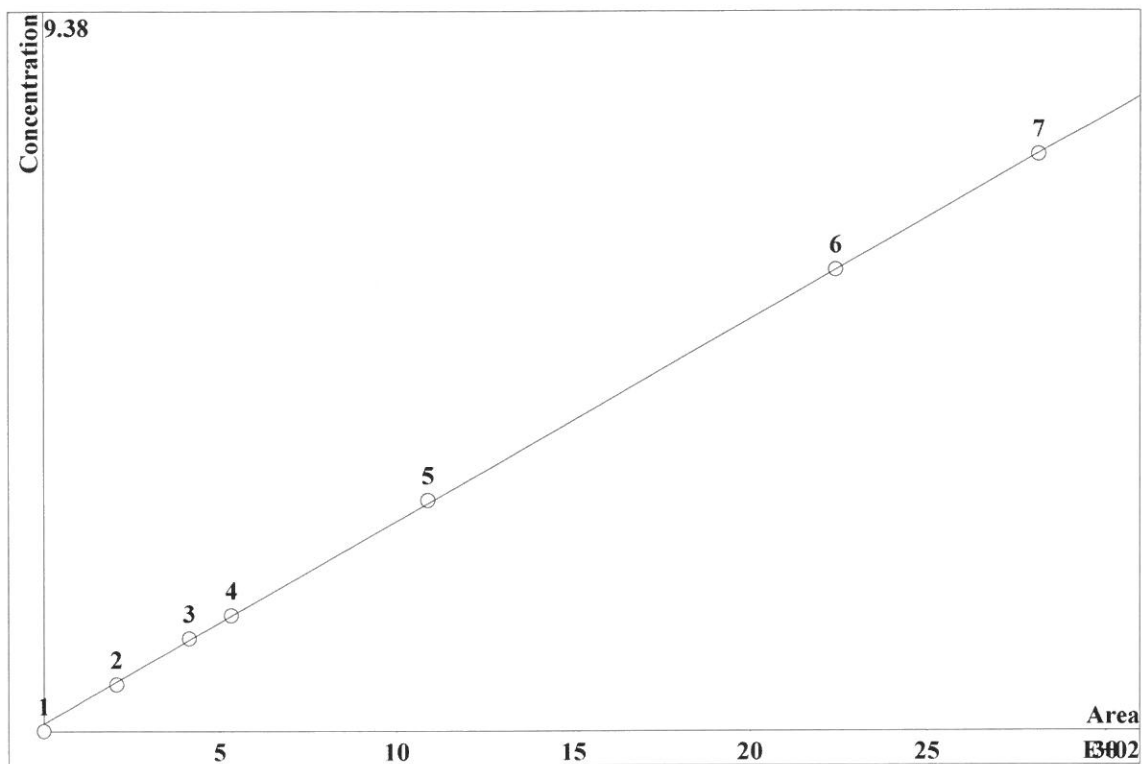
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 6.479  | 96.04 | 0.6   | 20      | 8.834     |      |      |
| 3     | 12.85  | 188.2 | 1.2   | 20      | 8.834     |      |      |
| 4     | 16.59  | 241   | 1.5   | 20      | 8.834     |      |      |
| 5     | 33.78  | 489.5 | 3     | 20      | 8.834     |      |      |
| 6     | 71.07  | 1005  | 6     | 20      | 8.834     |      |      |
| 7     | 89.47  | 1267  | 7.5   | 20      | 8.834     |      |      |

## CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-060921.mtw  
 Equation:  $Q = 0.0526792 \cdot A + 1.89676$   
 RSD: 0.929 %  
 Correlation coefficient: 0.999953



K3 = 0      K2 = 0      K1 = 0.0526792      K0 = 1.89676

Base: Area

Ref.channel: chl

ISTD:

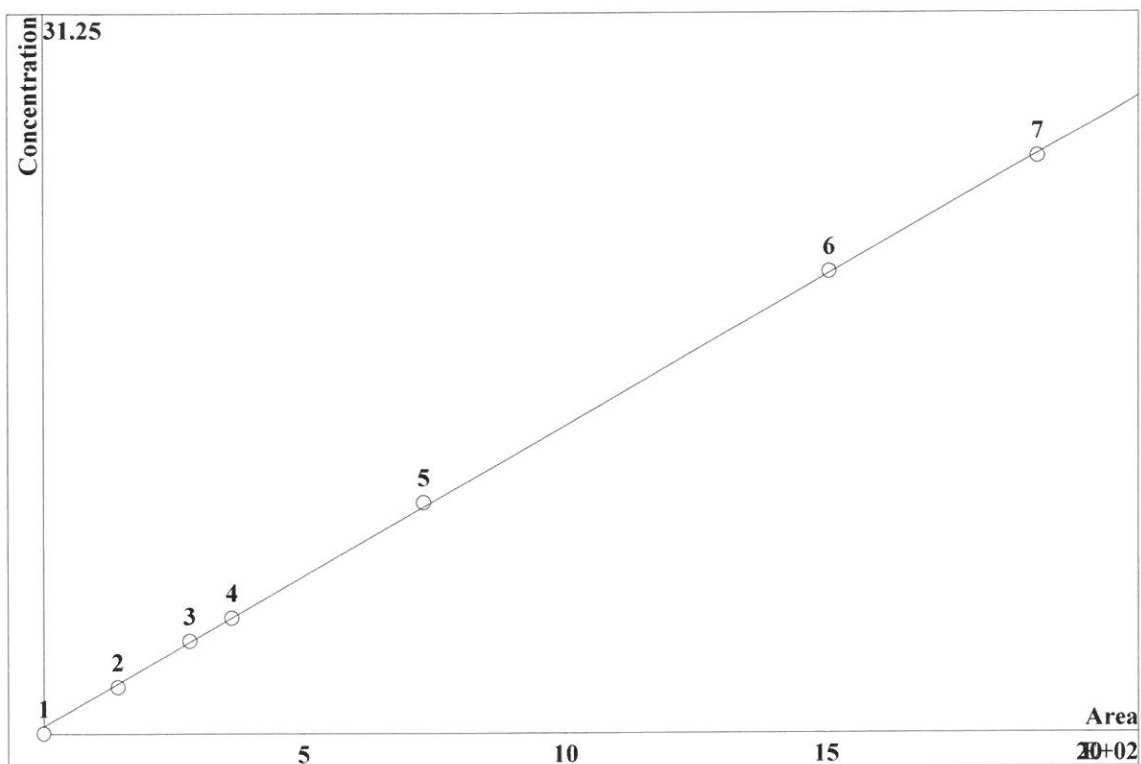
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 11.09  | 207.8 | 0.6   | 20      | 10.64     |      |      |
| 3     | 21.78  | 413.9 | 1.2   | 20      | 10.64     |      |      |
| 4     | 27.65  | 532.5 | 1.5   | 20      | 10.64     |      |      |
| 5     | 55.06  | 1088  | 3     | 20      | 10.64     |      |      |
| 6     | 108.7  | 2242  | 6     | 20      | 10.64     |      |      |
| 7     | 130.5  | 2817  | 7.5   | 20      | 10.64     |      |      |

## CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-060921.mtw  
 Equation:  $Q = 0.260562 \cdot A + 6.03586$   
 RSD: 1.294 %  
 Correlation coefficient: 0.999909



K3 = 0      K2 = 0      K1 = 0.260562      K0 = 6.03586

Base: Area

Ref.channel: ch1

ISTD:

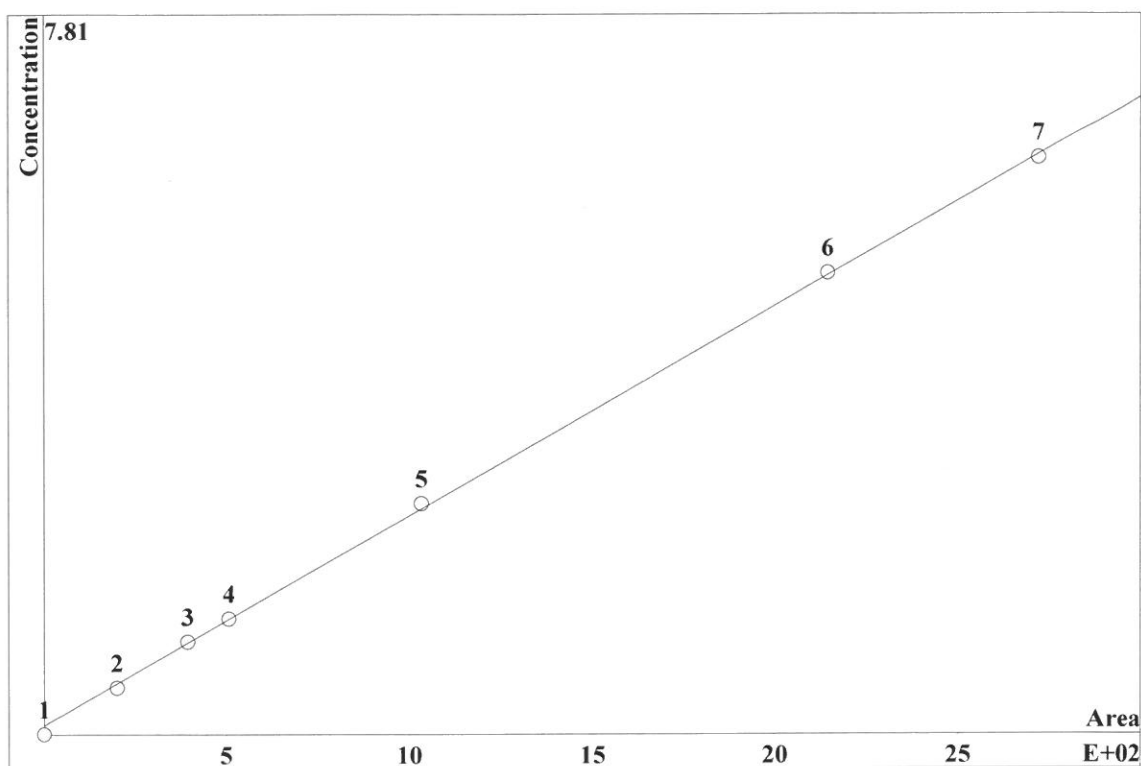
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 7.138  | 142.7 | 142.7 | 2       | 20        |      | 14   |
| 3     | 14.34  | 281   | 281   | 4       | 20        |      | 14   |
| 4     | 18.67  | 361.8 | 361.8 | 5       | 20        |      | 14   |
| 5     | 38.63  | 729.9 | 729.9 | 10      | 20        |      | 14   |
| 6     | 81.71  | 1507  | 1507  | 20      | 20        |      | 14   |
| 7     | 103.7  | 1905  | 1905  | 25      | 20        |      | 14   |

## CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-060921.mtw  
 Equation:  $Q = 0.045484 \cdot A + 1.87979$   
 RSD: 1.594 %  
 Correlation coefficient: 0.999861



K3 = 0      K2 = 0      K1 = 0.045484      K0 = 1.87979

Base: Area

Ref.channel: ch1

ISTD:

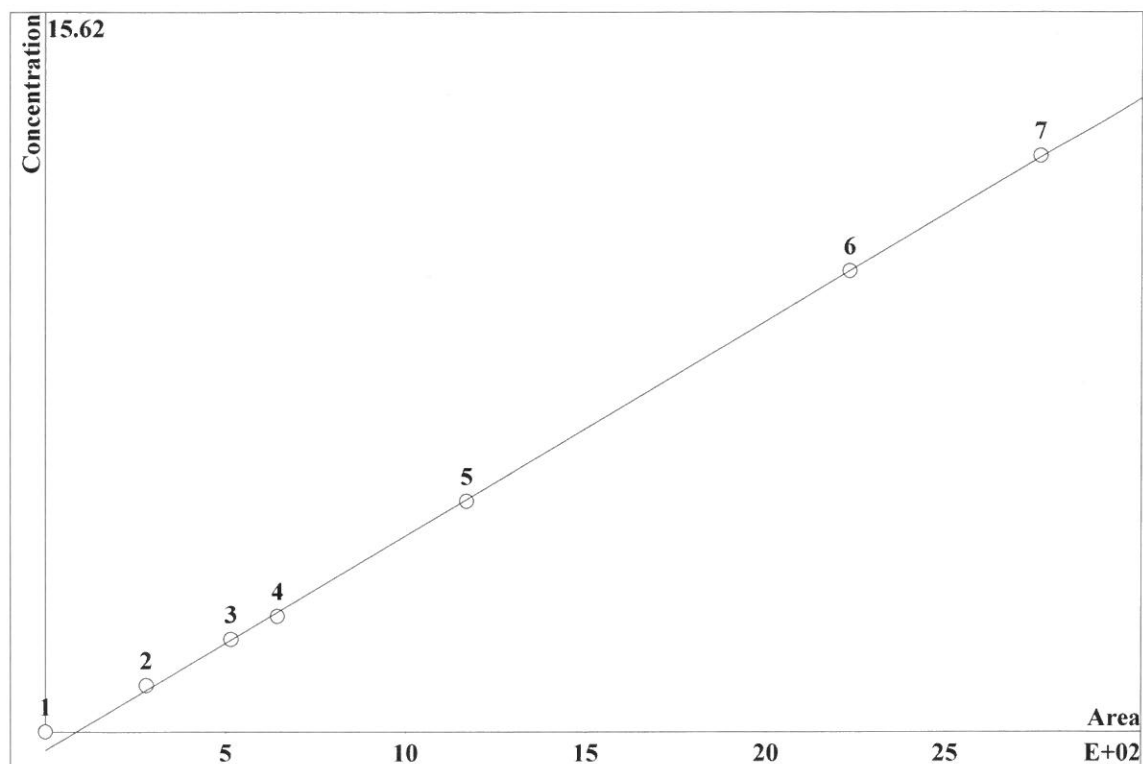
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 8.695  | 200.9 | 0.5   | 20      | 14.79     |      |      |
| 3     | 17.38  | 394.8 | 1     | 20      | 14.79     |      |      |
| 4     | 22.59  | 508   | 1.25  | 20      | 14.79     |      |      |
| 5     | 46.56  | 1033  | 2.5   | 20      | 14.79     |      |      |
| 6     | 98.65  | 2147  | 5     | 20      | 14.79     |      |      |
| 7     | 125.6  | 2723  | 6.25  | 20      | 14.79     |      |      |

## CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-060921.mtw  
 Equation:  $Q = 0.0932001 \cdot A - 8.12699$   
 RSD: 1.344 %  
 Correlation coefficient: 0.999902



K3 = 0      K2 = 0      K1 = 0.0932001      K0 = -8.12699

Base: Area

Ref.channel: ch1

ISTD:

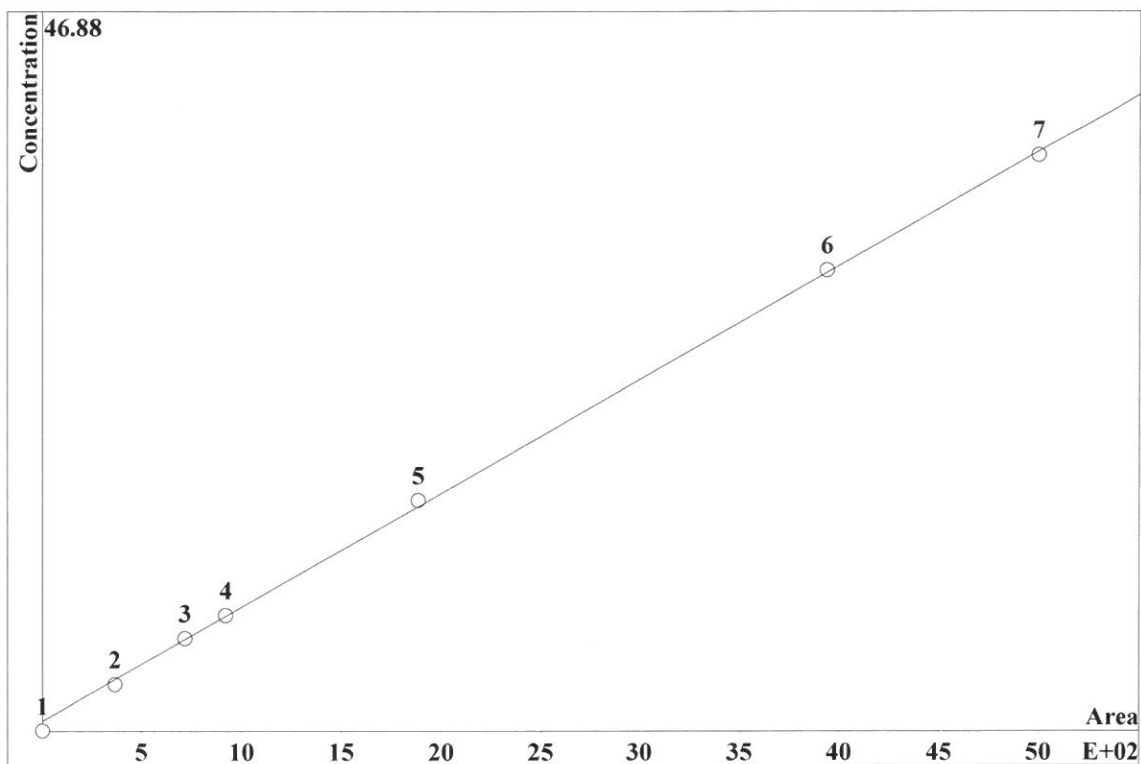
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 7.496  | 280.3 | 1     | 20      | 21.2      |      |      |
| 3     | 14.27  | 514.4 | 2     | 20      | 21.2      |      |      |
| 4     | 18.27  | 644.1 | 2.5   | 20      | 21.2      |      |      |
| 5     | 33.95  | 1169  | 5     | 20      | 21.2      |      |      |
| 6     | 67.72  | 2234  | 10    | 20      | 21.2      |      |      |
| 7     | 85.25  | 2763  | 12.5  | 20      | 21.2      |      |      |

## CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-060921.mtw  
 Equation:  $Q = 0.148453 \cdot A + 12.5141$   
 RSD: 1.833 %  
 Correlation coefficient: 0.999817



K3 = 0      K2 = 0      K1 = 0.148453      K0 = 12.5141

Base: Area

Ref.channel: ch1

ISTD:

Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 12.03  | 368.6 | 3     | 20      | 24.73     |      |      |
| 3     | 23.72  | 718.8 | 6     | 20      | 24.73     |      |      |
| 4     | 30.61  | 921.6 | 7.5   | 20      | 24.73     |      |      |
| 5     | 63.34  | 1883  | 15    | 20      | 24.73     |      |      |
| 6     | 133.7  | 3939  | 30    | 20      | 24.73     |      |      |
| 7     | 169.9  | 5000  | 37.5  | 20      | 24.73     |      |      |

Report date: 6/15/2021 9:08:03 AM  
Printed by: wet

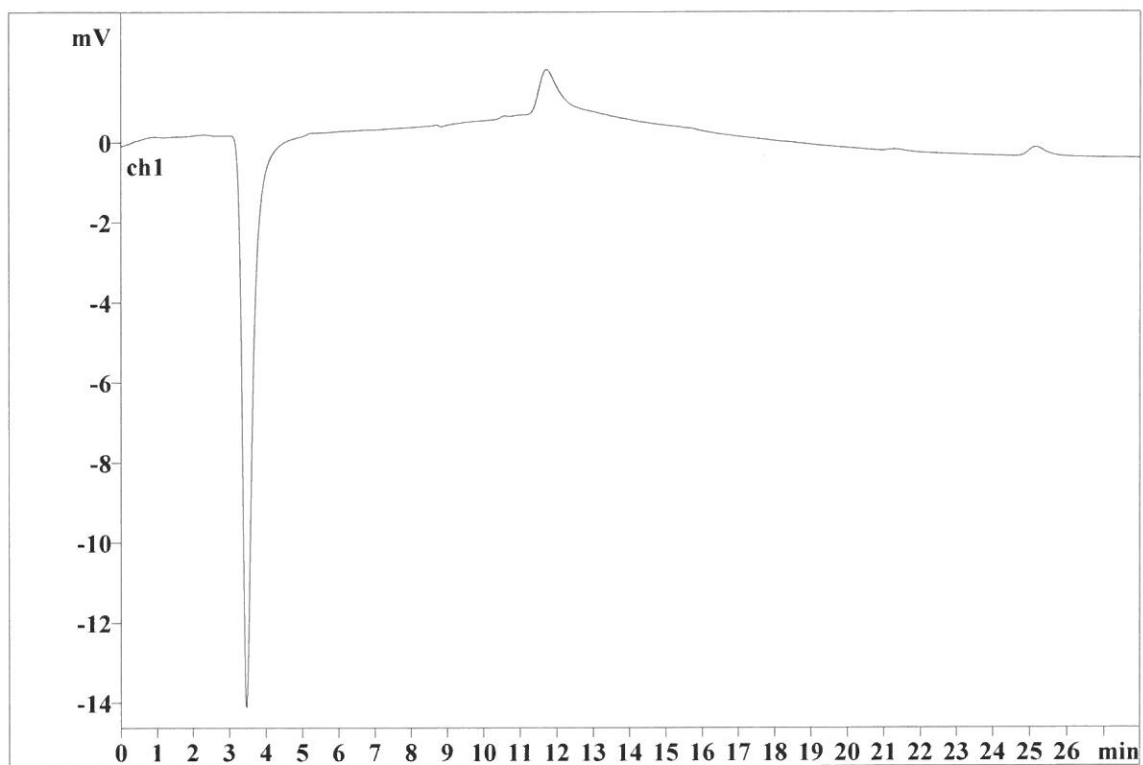
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Analysis from: 6/9/2021 10:00:37 AM  
File: \_2021-06-09\_

Last save: 6/15/2021 8:38:25 AM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27241

Last save: 6/15/2021 8:38:

SAMPLE:  
: AM/AP  
Vial number: 2  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

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Report date: 6/15/2021 9:08:11 AM  
Printed by: wet

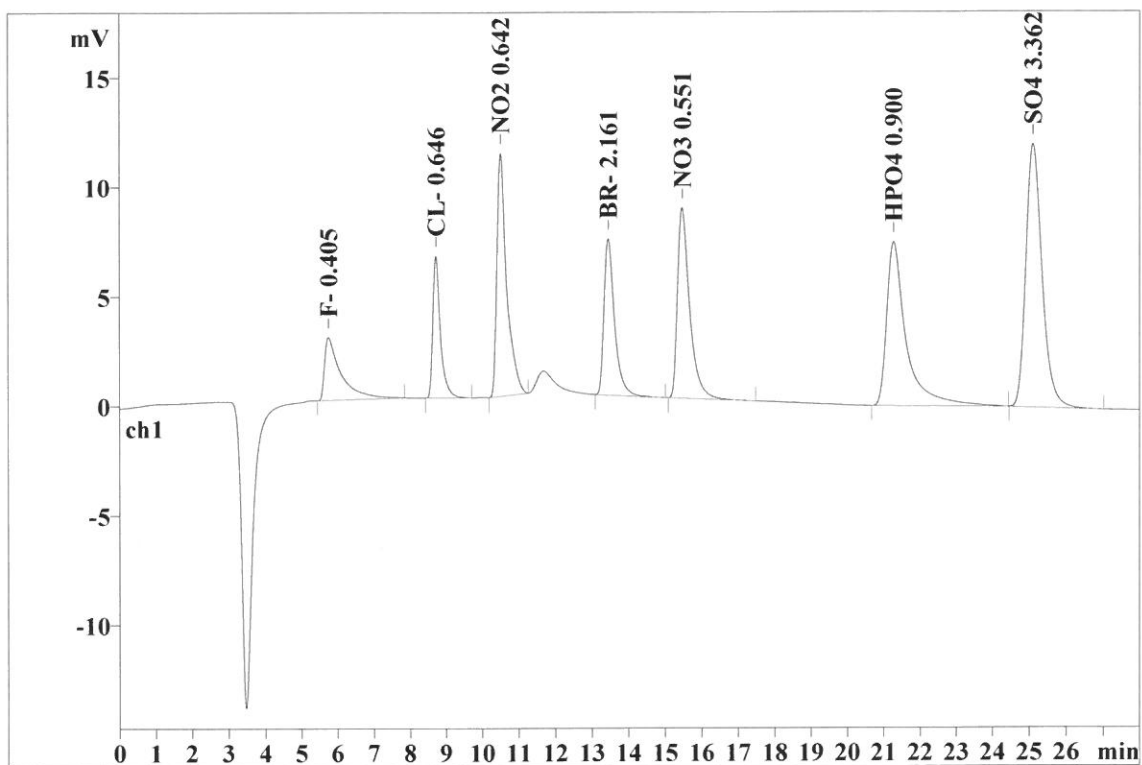
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File: \_2021-06-09\_

Last save: 6/15/2021 8:38:48 AM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27242

Last save: 6/15/2021 8:38:

SAMPLE:  
: AM/AP  
Vial number: 3  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.73             | 0.403          | 2.88         | 5.16        | 91.853         | 6.62      |
| 2  | 8.70             | 0.208          | 6.48         | 11.61       | 96.044         | 6.92      |
| 3  | 10.48            | 0.255          | 11.09        | 19.86       | 207.763        | 14.97     |
| 4  | 13.43            | 0.290          | 7.14         | 12.79       | 142.715        | 10.28     |
| 5  | 15.46            | 0.335          | 8.69         | 15.58       | 200.922        | 14.47     |
| 6  | 21.27            | 0.482          | 7.50         | 13.43       | 280.346        | 20.19     |
| 7  | 25.12            | 0.459          | 12.03        | 21.56       | 368.593        | 26.55     |
| 7  | 28.00            | 0.348          | 55.81        | 99.99       | 1388.236       | 100.00    |

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Report date: 6/15/2021 9:08:21 AM  
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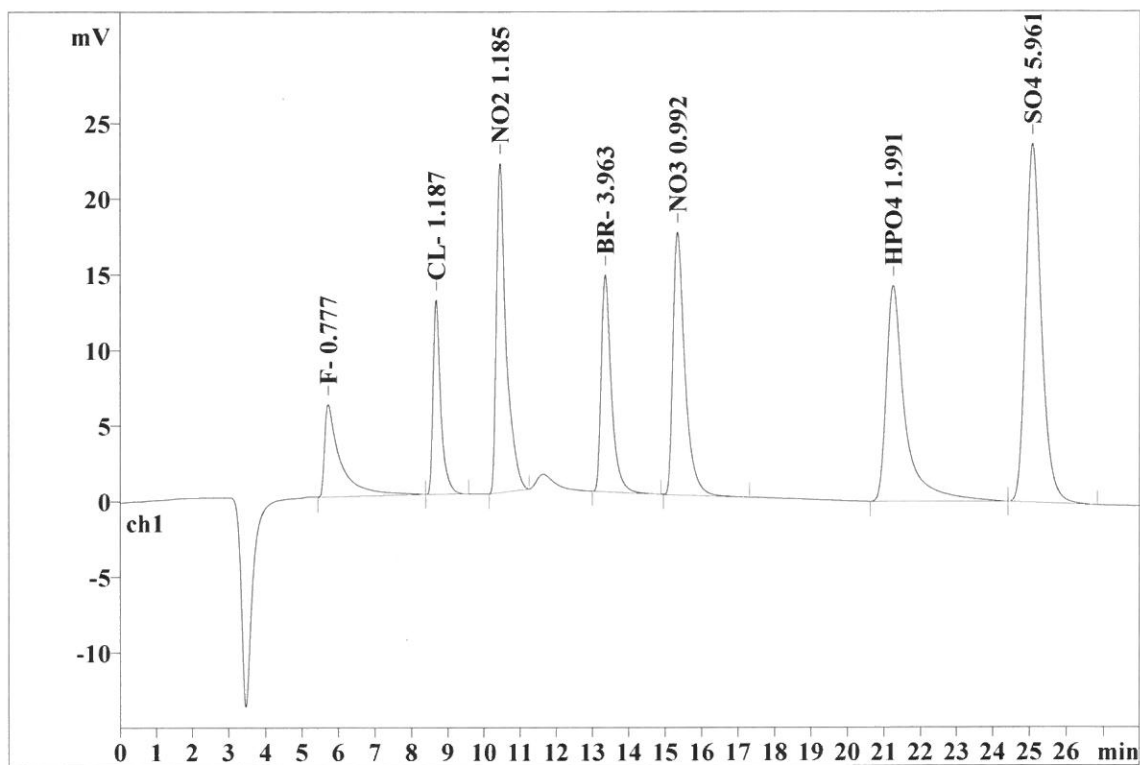
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File: \_2021-06-09\_

Last save: 6/15/2021 8:39:08 AM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27243

Last save: 6/15/2021 8:39:

SAMPLE:  
: AM/AP  
Vial number: 4  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.71             | 0.362          | 6.11         | 5.53        | 185.677        | 6.89      |
| 2  | 8.66             | 0.207          | 12.84        | 11.63       | 188.177        | 6.98      |
| 3  | 10.42            | 0.259          | 21.78        | 19.72       | 413.864        | 15.35     |
| 4  | 13.34            | 0.284          | 14.34        | 12.99       | 281.034        | 10.42     |
| 5  | 15.33            | 0.330          | 17.37        | 15.73       | 394.752        | 14.64     |
| 6  | 21.24            | 0.467          | 14.27        | 12.92       | 514.355        | 19.07     |
| 7  | 25.09            | 0.456          | 23.72        | 21.47       | 718.847        | 26.66     |
| 7  | 28.00            | 0.338          | 110.44       | 99.99       | 2696.706       | 100.00    |

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Report date: 6/15/2021 9:08:28 AM  
Printed by: wet

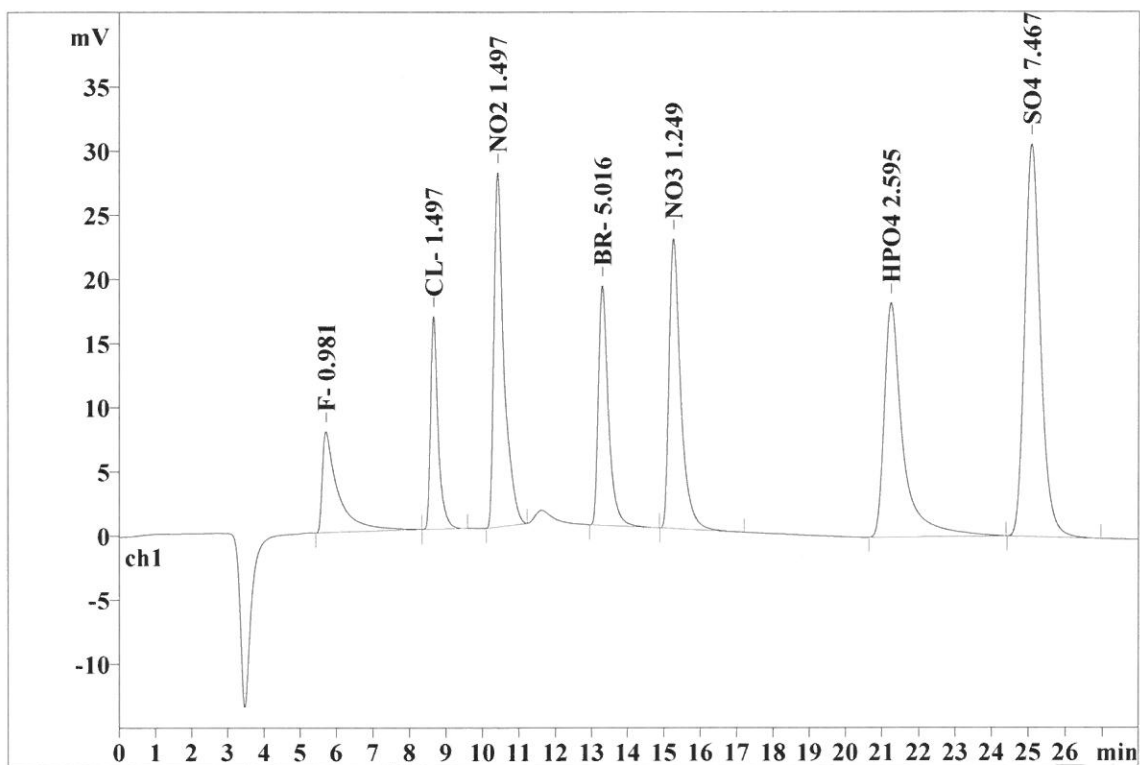
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Analysis from: 6/9/2021 11:32:23 AM  
File: \_2021-06-09\_

Last save: 6/15/2021 8:39:21 AM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27244

Last save: 6/15/2021 8:39:

SAMPLE:  
: AM/AP  
Vial number: 5  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.71             | 0.367          | 7.87         | 5.53        | 237.033        | 6.88      |
| 2  | 8.65             | 0.206          | 16.59        | 11.66       | 240.992        | 6.99      |
| 3  | 10.39            | 0.264          | 27.65        | 19.44       | 532.494        | 15.45     |
| 4  | 13.28            | 0.281          | 18.67        | 13.12       | 361.830        | 10.50     |
| 5  | 15.25            | 0.327          | 22.59        | 15.88       | 508.031        | 14.74     |
| 6  | 21.24            | 0.460          | 18.27        | 12.84       | 644.148        | 18.69     |
| 7  | 25.09            | 0.453          | 30.61        | 21.52       | 921.623        | 26.74     |
| 7  | 28.00            | 0.337          | 142.27       | 100.00      | 3446.151       | 100.00    |

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Report date: 6/15/2021 9:08:34 AM  
Printed by: wet

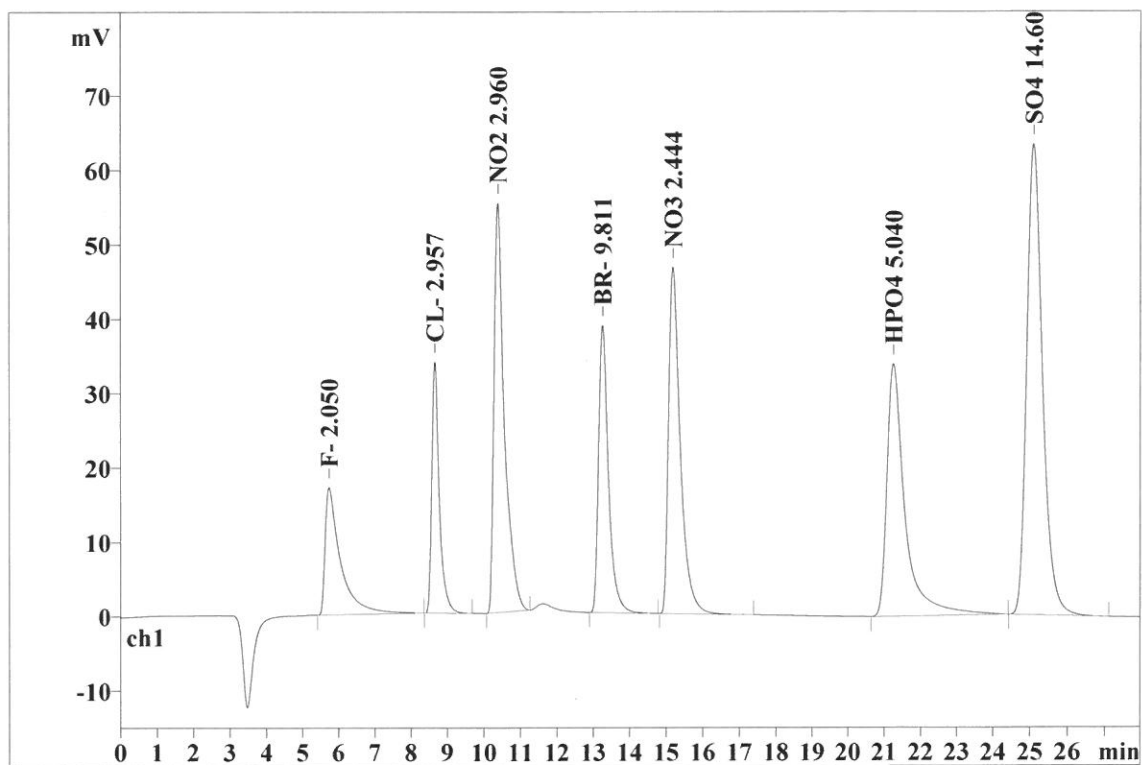
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File: \_2021-06-09\_

Last save: 6/15/2021 8:39:36 AM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27245

Last save: 6/15/2021 8:39:

SAMPLE:  
: AM/AP  
Vial number: 6  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.73             | 0.380          | 17.13        | 5.94        | 506.765        | 7.34      |
| 2  | 8.64             | 0.205          | 33.78        | 11.71       | 489.536        | 7.09      |
| 3  | 10.36            | 0.271          | 55.06        | 19.09       | 1087.943       | 15.77     |
| 4  | 13.25            | 0.275          | 38.63        | 13.39       | 729.919        | 10.58     |
| 5  | 15.18            | 0.322          | 46.56        | 16.14       | 1033.376       | 14.98     |
| 6  | 21.25            | 0.452          | 33.95        | 11.77       | 1168.842       | 16.94     |
| 7  | 25.11            | 0.447          | 63.34        | 21.96       | 1883.474       | 27.30     |
| 7  | 28.00            | 0.336          | 288.45       | 100.00      | 6899.855       | 100.00    |

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Report date: 6/15/2021 9:08:41 AM  
Printed by: wet

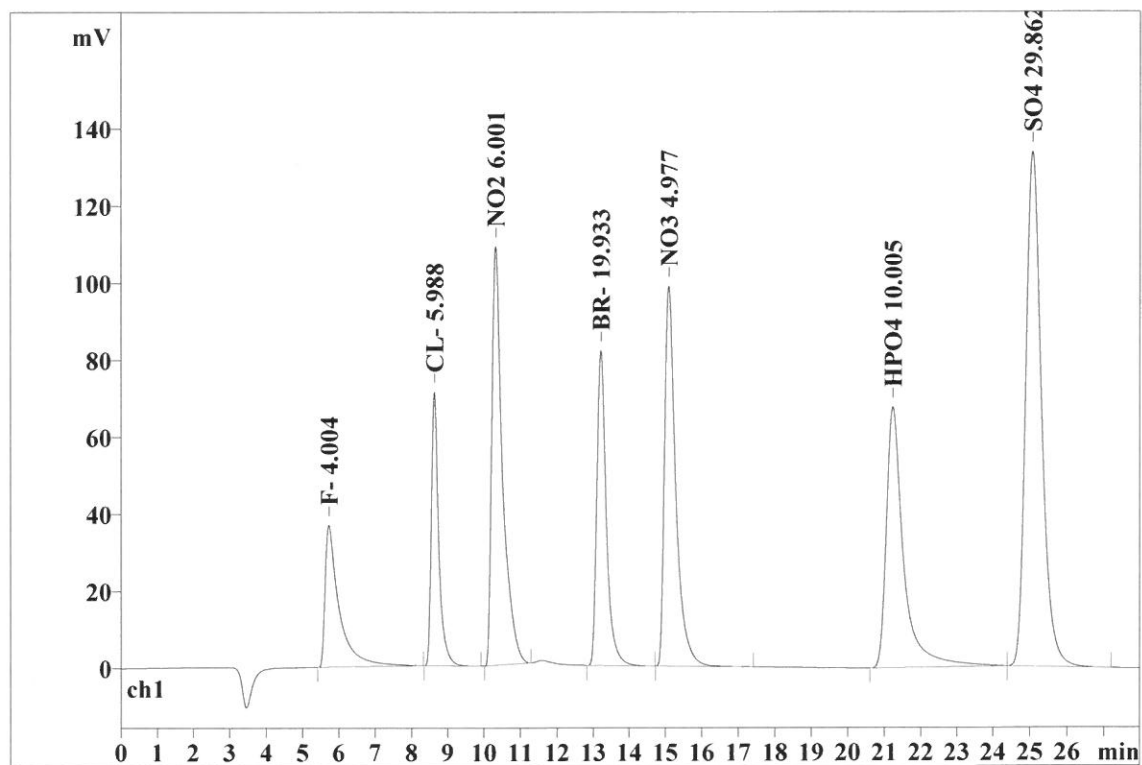
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Analysis from: 6/9/2021 12:33:34 PM  
File: \_2021-06-09\_

Last save: 6/15/2021 8:40:04 AM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27246

Last save: 6/15/2021 8:40:

SAMPLE:  
: AM/AP  
Vial number: 7  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.72             | 0.343          | 36.83        | 6.15        | 999.526        | 7.10      |
| 2  | 8.62             | 0.199          | 71.07        | 11.88       | 1005.403       | 7.14      |
| 3  | 10.30            | 0.284          | 108.74       | 18.17       | 2242.429       | 15.93     |
| 4  | 13.19            | 0.267          | 81.71        | 13.65       | 1506.852       | 10.71     |
| 5  | 15.08            | 0.313          | 98.65        | 16.48       | 2147.101       | 15.26     |
| 6  | 21.22            | 0.437          | 67.72        | 11.32       | 2234.236       | 15.87     |
| 7  | 25.07            | 0.441          | 133.69       | 22.34       | 3938.831       | 27.99     |
| 7  | 28.00            | 0.326          | 598.39       | 100.00      | 14074.378      | 100.00    |

This report has been created by IC Net  
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Report date: 6/15/2021 9:08:49 AM  
Printed by: wet

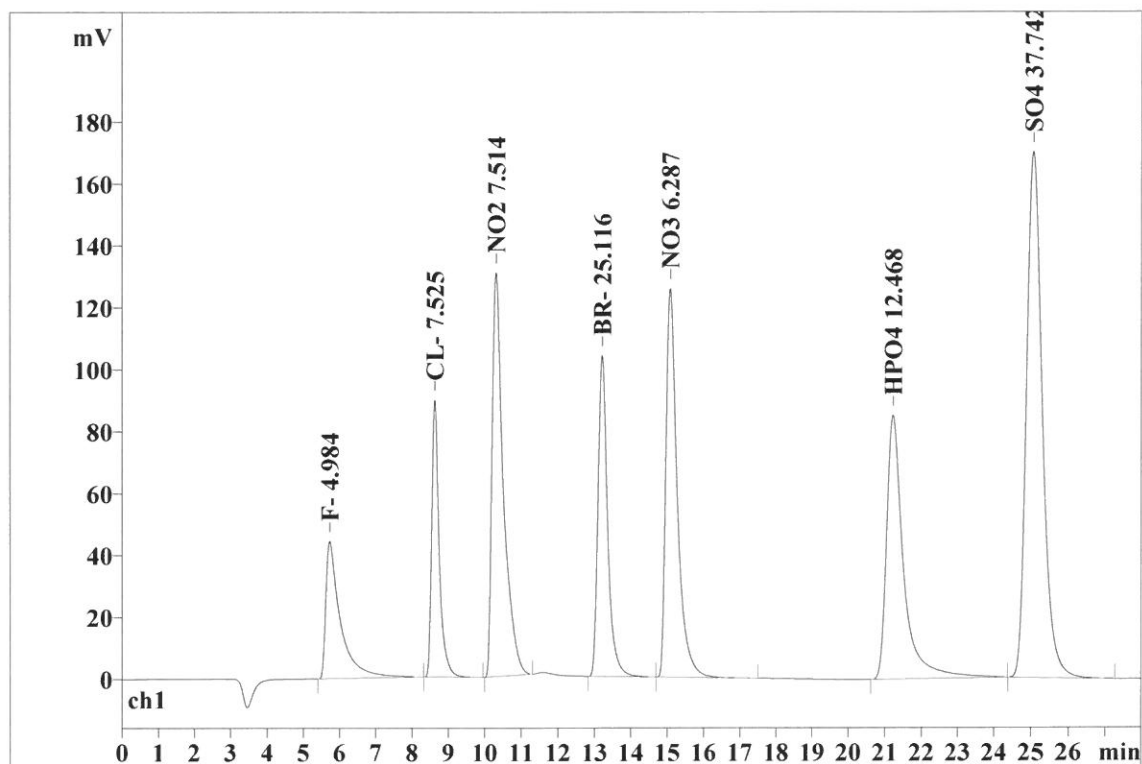
Ident: STD7  
Analysis from: 6/9/2021 1:04:09 PM  
File: \_2021-06-09\_

Last save: 6/15/2021 8:40:19 AM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27247

Last save: 6/15/2021 8:40:

SAMPLE:  
: AM/AP  
Vial number: 8  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.72             | 0.360          | 44.32        | 5.92        | 1246.720       | 7.04      |
| 2  | 8.61             | 0.199          | 89.47        | 11.95       | 1267.072       | 7.15      |
| 3  | 10.29            | 0.301          | 130.45       | 17.43       | 2816.677       | 15.89     |
| 4  | 13.19            | 0.266          | 103.66       | 13.85       | 1904.633       | 10.75     |
| 5  | 15.07            | 0.312          | 125.61       | 16.78       | 2723.150       | 15.37     |
| 6  | 21.21            | 0.433          | 85.25        | 11.39       | 2762.803       | 15.59     |
| 7  | 25.06            | 0.441          | 169.86       | 22.69       | 5000.380       | 28.22     |
| 7  | 28.00            | 0.330          | 748.61       | 100.00      | 17721.435      | 100.00    |

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Date - 6/9/2021

Instrument ID

IC-2

Analyst -

AM

| Anion Calibration std - relative error calculations, acceptance limit is -30 to 30 for std 2 and -10 to 10 for other std |            |                |           |            |                |           |            |                |           |            |                |           |            |                |           |            |                |           |
|--------------------------------------------------------------------------------------------------------------------------|------------|----------------|-----------|------------|----------------|-----------|------------|----------------|-----------|------------|----------------|-----------|------------|----------------|-----------|------------|----------------|-----------|
| Parameter                                                                                                                | TV of std2 | Result of std2 | % RE std2 | TV of std3 | Result of std3 | % RE std3 | TV of std4 | Result of std4 | % RE std4 | TV of std5 | Result of std5 | % RE std5 | TV of std6 | Result of std6 | % RE std6 | TV of std7 | Result of std7 | % RE std7 |
| F                                                                                                                        | 0.4        | 0.405          | 1.3       | 0.8        | 0.777          | -2.9      | 1          | 0.981          | -1.9      | 2          | 2.050          | 2.5       | 4          | 4.004          | 0.1       | 5          | 4.984          | -0.3      |
| CL                                                                                                                       | 0.6        | 0.646          | 7.7       | 1.2        | 1.187          | -1.1      | 1.5        | 1.497          | -0.2      | 3          | 2.957          | -1.4      | 6          | 5.988          | -0.2      | 7.5        | 7.525          | 0.3       |
| NO2                                                                                                                      | 0.6        | 0.642          | 7.0       | 1.2        | 1.185          | -1.2      | 1.5        | 1.497          | -0.2      | 3          | 2.960          | -1.3      | 6          | 6.001          | 0.0       | 7.5        | 7.514          | 0.2       |
| BR                                                                                                                       | 2          | 2.161          | 8.1       | 4          | 3.963          | -0.9      | 5          | 5.016          | 0.3       | 10         | 9.811          | -1.9      | 20         | 19.933         | -0.3      | 25         | 25.116         | 0.5       |
| NO3                                                                                                                      | 0.5        | 0.551          | 10.2      | 1          | 0.992          | -0.8      | 1.25       | 1.249          | -0.1      | 2.5        | 2.444          | -2.2      | 5          | 4.977          | -0.5      | 6.25       | 6.287          | 0.6       |
| HPO4                                                                                                                     | 1          | 0.900          | -10.0     | 2          | 1.991          | -0.4      | 2.5        | 2.595          | 3.8       | 5          | 5.040          | 0.8       | 10         | 10.005         | 0.1       | 12.5       | 12.468         | -0.3      |
| SO4                                                                                                                      | 3          | 3.362          | 12.1      | 6          | 5.961          | -0.6      | 7.5        | 7.467          | -0.4      | 15         | 14.606         | -2.6      | 30         | 29.862         | -0.5      | 37.5       | 37.742         | 0.6       |

06/09/2021  
AM

Report date: 6/15/2021 9:10:14 AM  
Printed by: wet

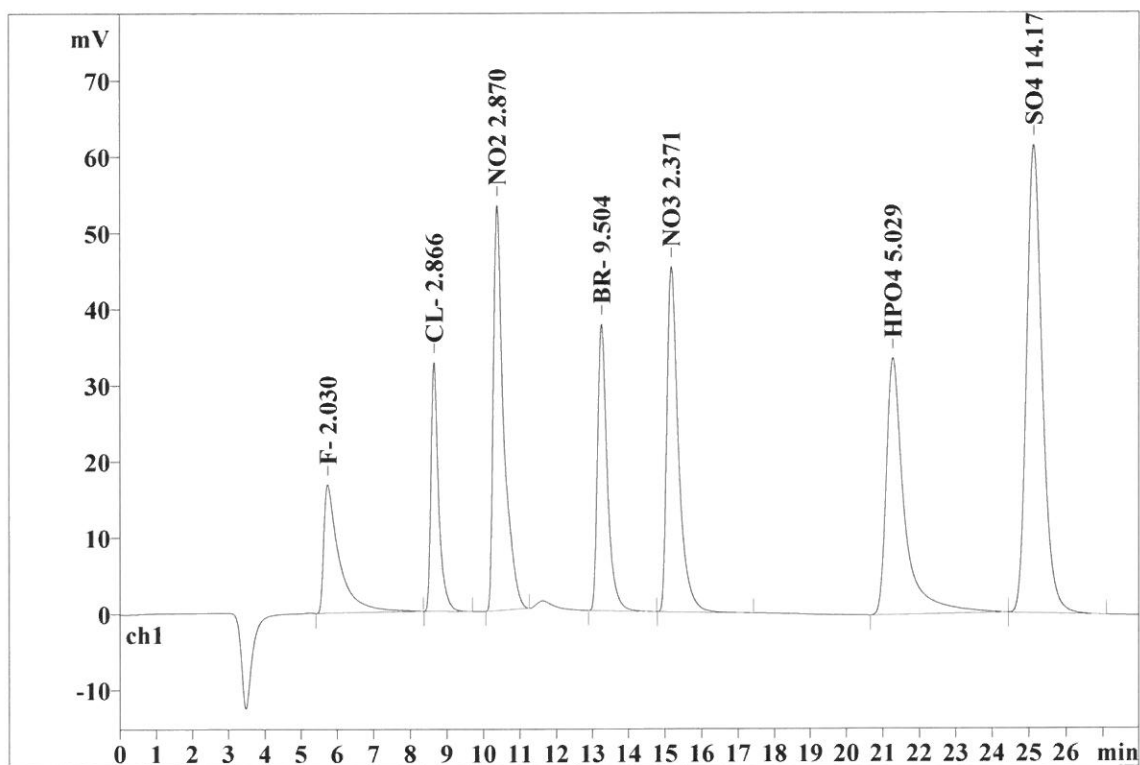
Ident: ICV  
Analysis from: 6/9/2021 1:34:45 PM  
File: \_2021-06-09\_

Last save: 6/15/2021 8:40:33 AM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27248

Last save: 6/15/2021 8:40:

SAMPLE:  
: AM/AP  
Vial number: 9  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.74             | 0.383          | 16.84        | 6.00        | 501.610        | 7.46      |
| 2  | 8.64             | 0.205          | 32.68        | 11.64       | 474.064        | 7.05      |
| 3  | 10.35            | 0.268          | 53.21        | 18.95       | 1053.709       | 15.66     |
| 4  | 13.24            | 0.274          | 37.59        | 13.39       | 706.320        | 10.50     |
| 5  | 15.17            | 0.321          | 45.30        | 16.13       | 1001.043       | 14.88     |
| 6  | 21.27            | 0.452          | 33.71        | 12.00       | 1166.477       | 17.34     |
| 7  | 25.12            | 0.447          | 61.45        | 21.88       | 1825.061       | 27.13     |
| 7  | 28.00            | 0.336          | 280.78       | 100.00      | 6728.285       | 100.00    |

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Report date: 6/15/2021 9:10:23 AM  
Printed by: wet

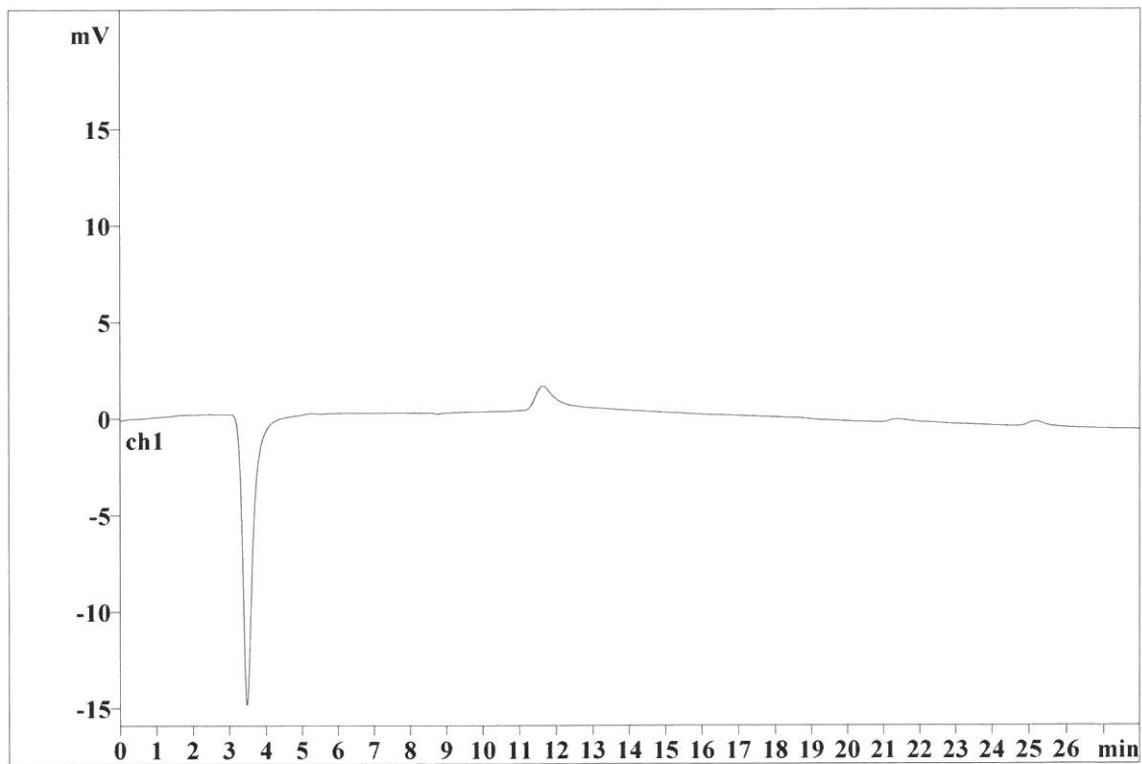
Ident: ICB  
Analysis from: 6/9/2021 2:05:21 PM  
File: \_2021-06-09\_

Last save: 6/15/2021 8:41:08 AM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27249

Last save: 6/15/2021 8:41:

SAMPLE:  
: AM/AP  
Vial number: 10  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net  
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Report date: 7/8/2021 12:53:54 PM  
Printed by: wet

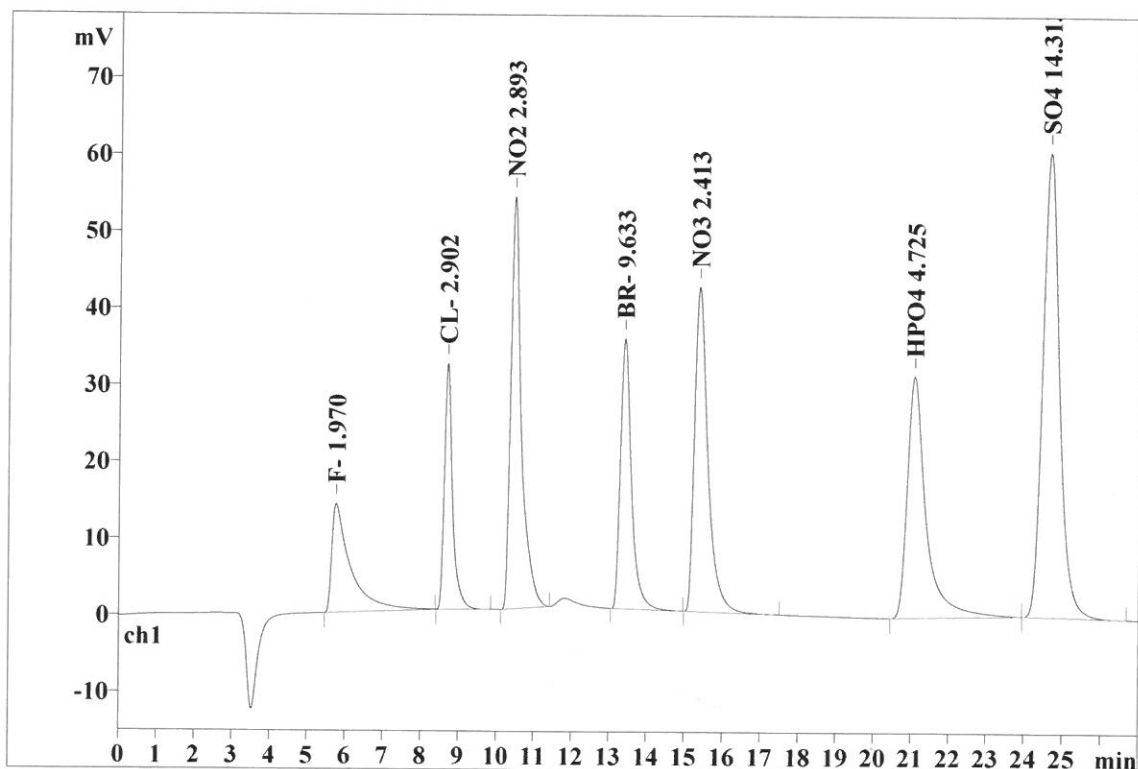
Ident: CCV  
Analysis from: 7/7/2021 11:55:24 AM  
File: \_2021-07-07\_

Last save: 7/7/2021 12:22:24 PM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27481

Last save: 7/6/2021 1:35:2

SAMPLE:  
: AP/MA  
Vial number: 11  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.76             | 0.429          | 14.16        | 5.26        | 486.706        | 7.25      |
| 2  | 8.69             | 0.211          | 31.99        | 11.89       | 480.058        | 7.15      |
| 3  | 10.44            | 0.271          | 53.64        | 19.93       | 1062.211       | 15.83     |
| 4  | 13.40            | 0.296          | 35.18        | 13.07       | 716.227        | 10.67     |
| 5  | 15.36            | 0.350          | 42.23        | 15.69       | 1019.587       | 15.20     |
| 6  | 21.06            | 0.467          | 31.46        | 11.69       | 1101.243       | 16.41     |
| 7  | 24.63            | 0.456          | 60.50        | 22.48       | 1843.937       | 27.48     |
| 7  | 27.00            | 0.354          | 269.17       | 100.00      | 6709.969       | 100.00    |

This report has been created by IC Net  
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Report date: 7/8/2021 12:54:02 PM  
Printed by: wet

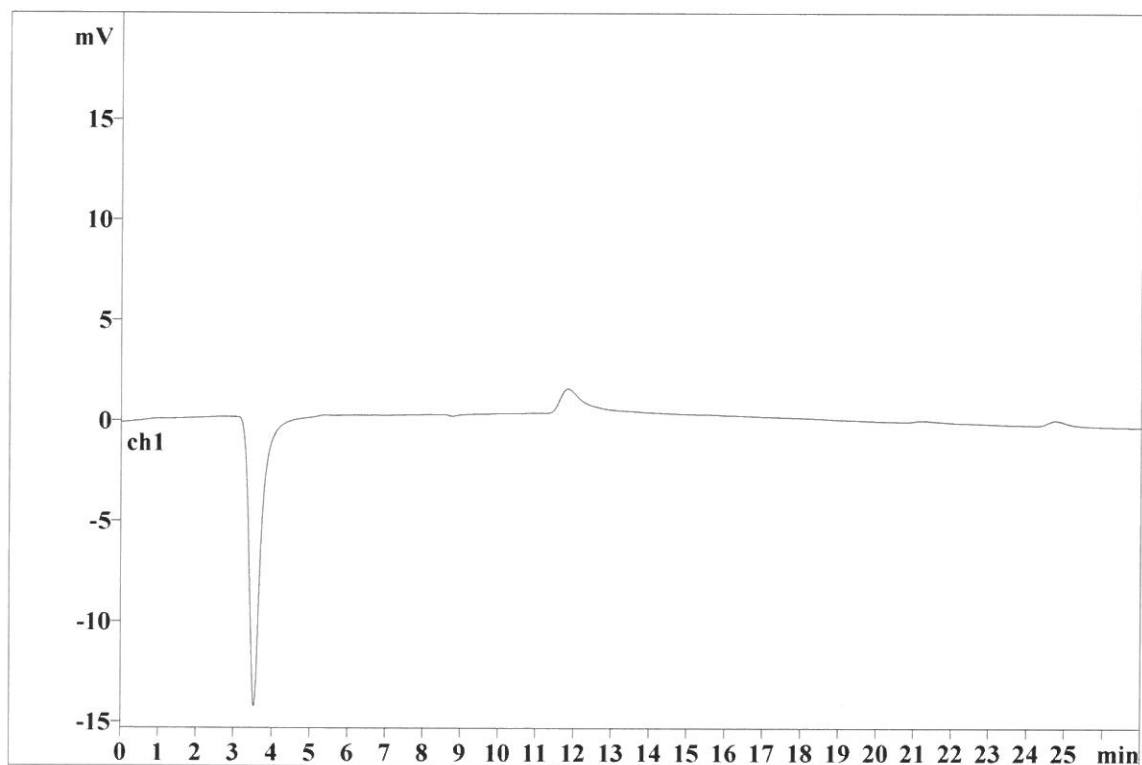
Ident: CCB  
Analysis from: 7/7/2021 12:37:23 PM  
File: \_2021-07-07\_

Last save: 7/7/2021 1:04:24 PM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27482

Last save: 7/6/2021 1:35:2

SAMPLE:  
: AP/MA  
Vial number: 12  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net  
METROHM LTD

Report date: 7/8/2021 12:54:09 PM  
Printed by: wet

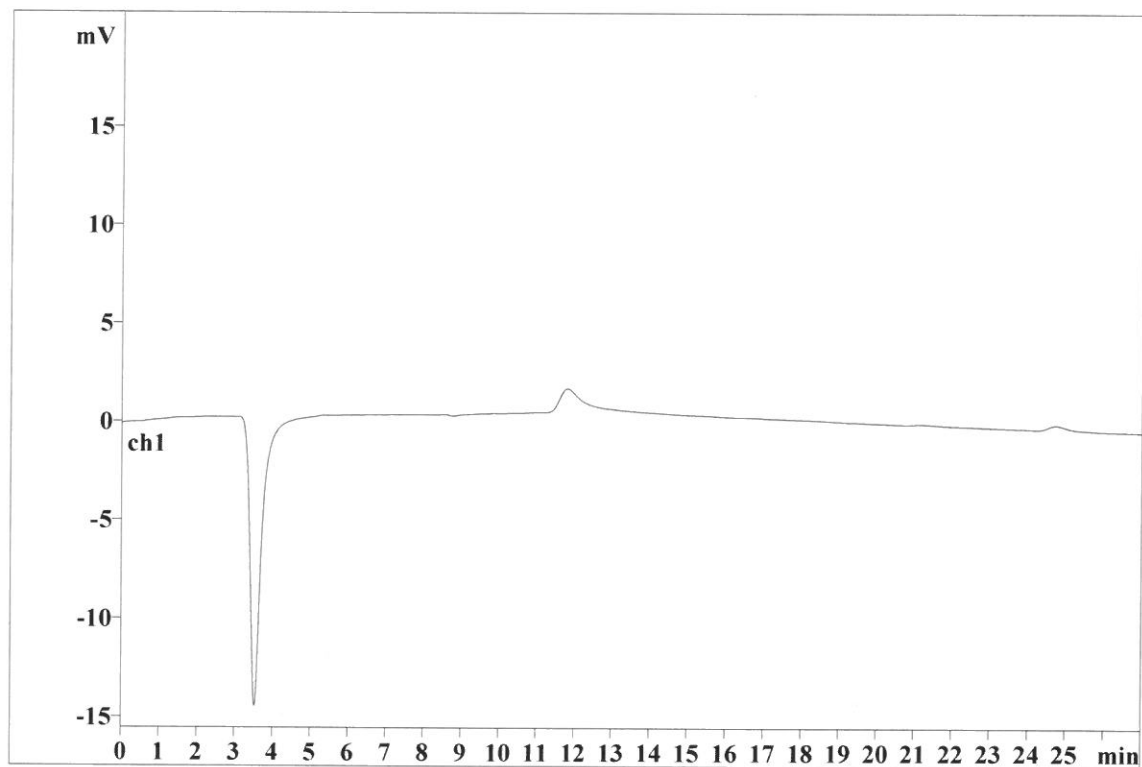
Ident: LB115241BLW  
Analysis from: 7/7/2021 1:07:04 PM  
File: \_2021-07-07\_

Last save: 7/7/2021 5:00:41 PM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27483

Last save: 7/6/2021 1:35:2

SAMPLE:  
: AP/MA  
Vial number: 13  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net  
METROHM LTD

Report date: 7/8/2021 12:54:15 PM  
Printed by: wet

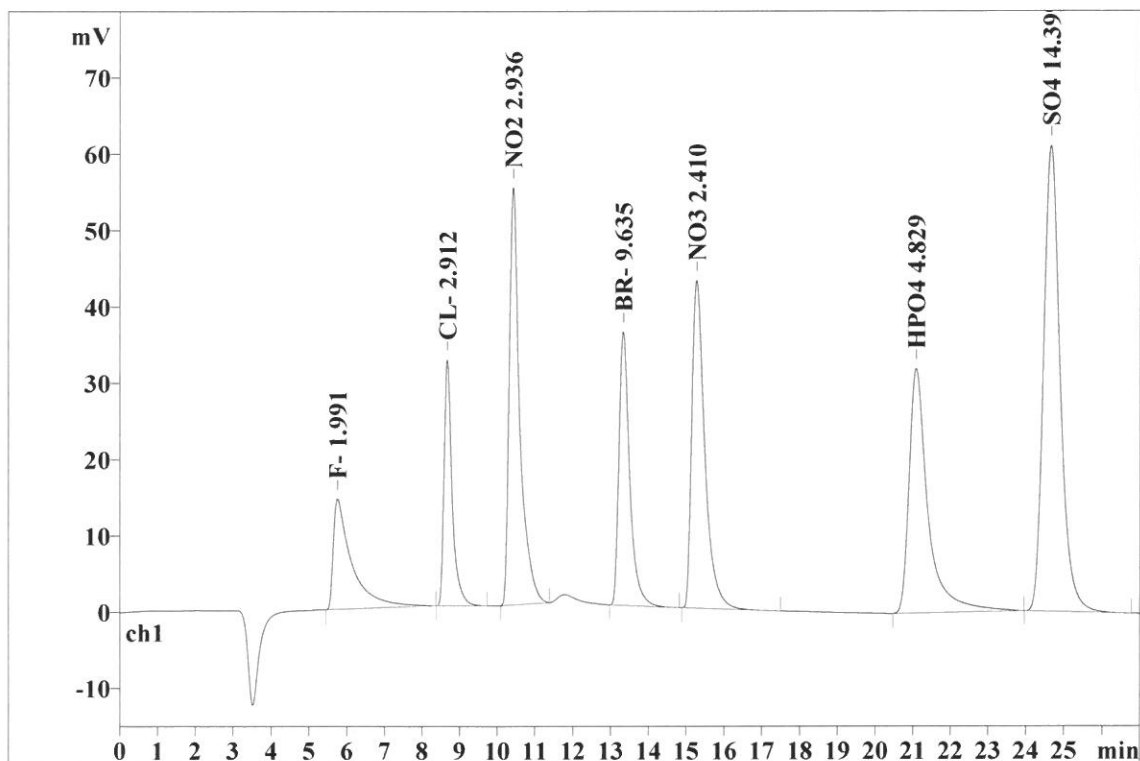
Ident: LB115241BSW  
Analysis from: 7/7/2021 1:36:39 PM  
File: \_2021-07-07\_

Last save: 7/7/2021 5:00:41 PM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27484

Last save: 7/6/2021 1:35:2

SAMPLE:  
: AP/MA  
Vial number: 14  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.75             | 0.426          | 14.47        | 5.30        | 491.858        | 7.27      |
| 2  | 8.66             | 0.211          | 32.21        | 11.79       | 481.755        | 7.12      |
| 3  | 10.40            | 0.271          | 54.63        | 20.00       | 1078.788       | 15.94     |
| 4  | 13.32            | 0.292          | 35.85        | 13.13       | 716.424        | 10.59     |
| 5  | 15.26            | 0.345          | 42.94        | 15.72       | 1018.368       | 15.05     |
| 6  | 21.07            | 0.467          | 32.04        | 11.73       | 1123.509       | 16.60     |
| 7  | 24.65            | 0.455          | 60.99        | 22.33       | 1855.505       | 27.42     |
| 7  | 27.00            | 0.352          | 273.13       | 100.00      | 6766.209       | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 7/8/2021 12:54:22 PM  
Printed by: wet

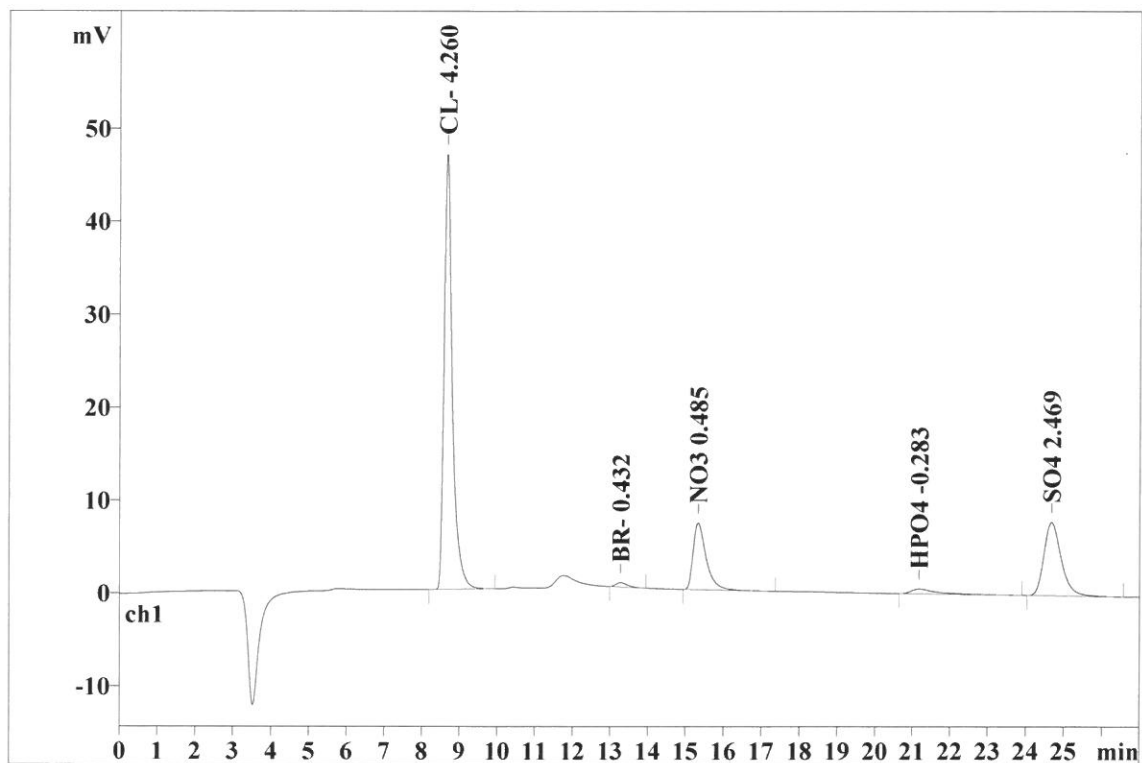
Ident: M2962-01  
Analysis from: 7/7/2021 2:50:45 PM  
File: \_2021-07-07\_

Last save: 7/7/2021 3:17:45 PM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27486

Last save: 7/6/2021 1:35:2

SAMPLE:  
: AP/MA  
Vial number: 27  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 2  | 8.66             | 0.214          | 46.86        | 74.43       | 711.317        | 60.90     |
| 3  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 4  | 13.28            | 0.324          | 0.48         | 0.76        | 9.989          | 0.86      |
| 5  | 15.33            | 0.350          | 7.18         | 11.40       | 171.827        | 14.71     |
| 6  | 21.18            | 0.610          | 0.54         | 0.85        | 26.485         | 2.27      |
| 7  | 24.67            | 0.470          | 7.91         | 12.56       | 248.373        | 21.26     |
| 7  | 27.00            | 0.281          | 62.96        | 99.99       | 1167.992       | 100.00    |

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Report date: 7/8/2021 12:54:39 PM  
Printed by: wet

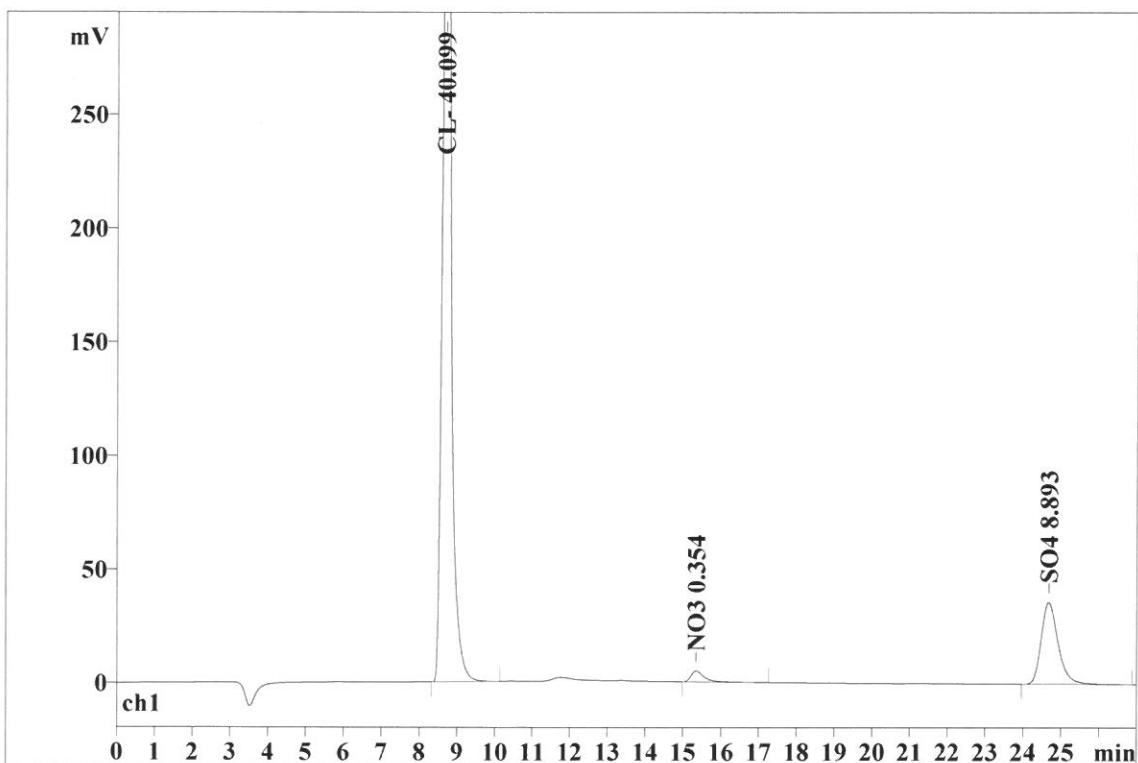
Ident: M2962-02  
Analysis from: 7/7/2021 3:20:20 PM  
File: \_2021-07-07\_

Last save: 7/7/2021 3:47:20 PM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27487

Last save: 7/6/2021 1:35:2

SAMPLE:  
: AP/MA  
Vial number: 28  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 2  | 8.66             | 0.200          | 480.97       | 92.17       | 6811.776       | 84.72     |
| 3  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 4  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 5  | 15.35            | 0.349          | 4.75         | 0.91        | 114.396        | 1.42      |
| 6  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 7  | 24.67            | 0.460          | 36.13        | 6.92        | 1113.837       | 13.85     |
| 7  | 27.00            | 0.144          | 521.84       | 100.00      | 8040.009       | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 7/8/2021 12:55:02 PM  
 Printed by: wet

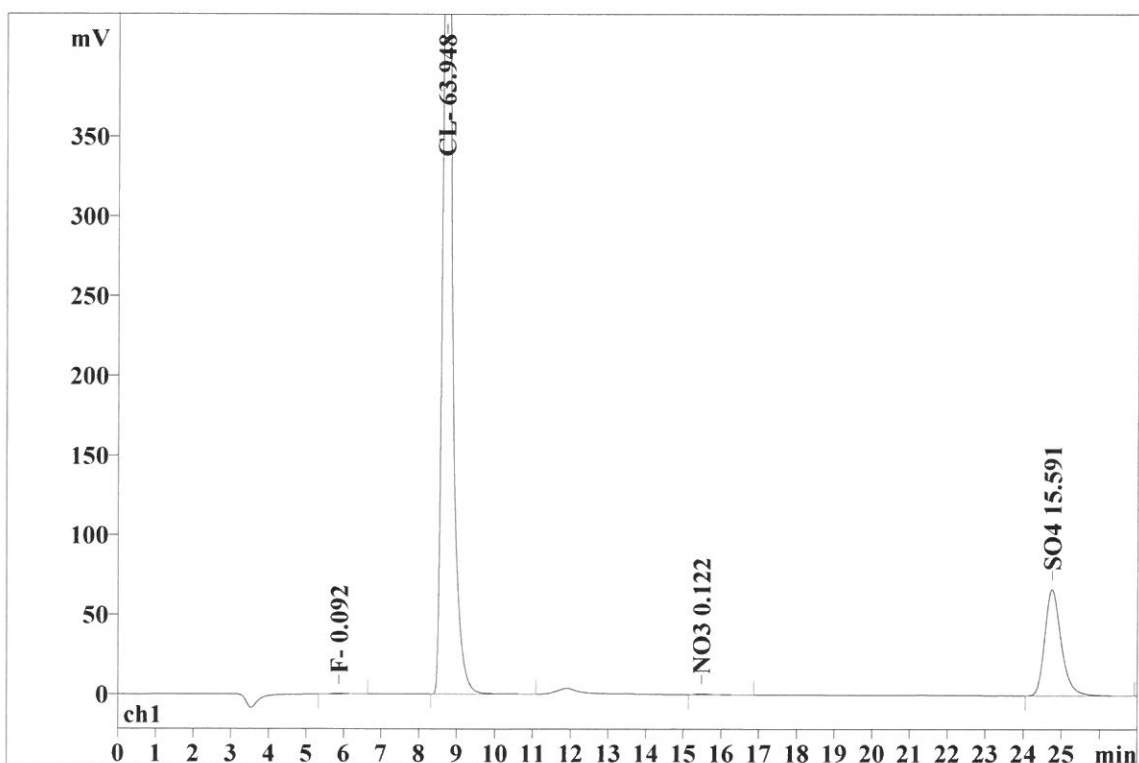
Ident: M2962-03  
 Analysis from: 7/7/2021 3:49:56 PM  
 File: \_2021-07-07\_

Last save: 7/7/2021 4:16:56 PM

Method: AnionsIC2-060921.mtw  
 Run operator: wet  
 Analysis number: 27488

Last save: 7/6/2021 1:35:2

SAMPLE:  
 : AP/MA  
 Vial number: 29  
 Volume: 20.0 µL  
 Dilution: 1.00  
 Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.88             | 0.477          | 0.42         | 0.05        | 12.876         | 0.10      |
| 2  | 8.69             | 0.219          | 692.58       | 91.10       | 10871.376      | 84.19     |
| 3  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 4  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 5  | 15.48            | 0.344          | 0.53         | 0.07        | 12.344         | 0.10      |
| 6  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 7  | 24.75            | 0.451          | 66.70        | 8.77        | 2016.102       | 15.61     |
| 7  | 27.00            | 0.213          | 760.22       | 100.00      | 12912.697      | 100.00    |

This report has been created by IC Net  
 METROHM LTD

Report date: 7/8/2021 12:56:07 PM  
Printed by: wet

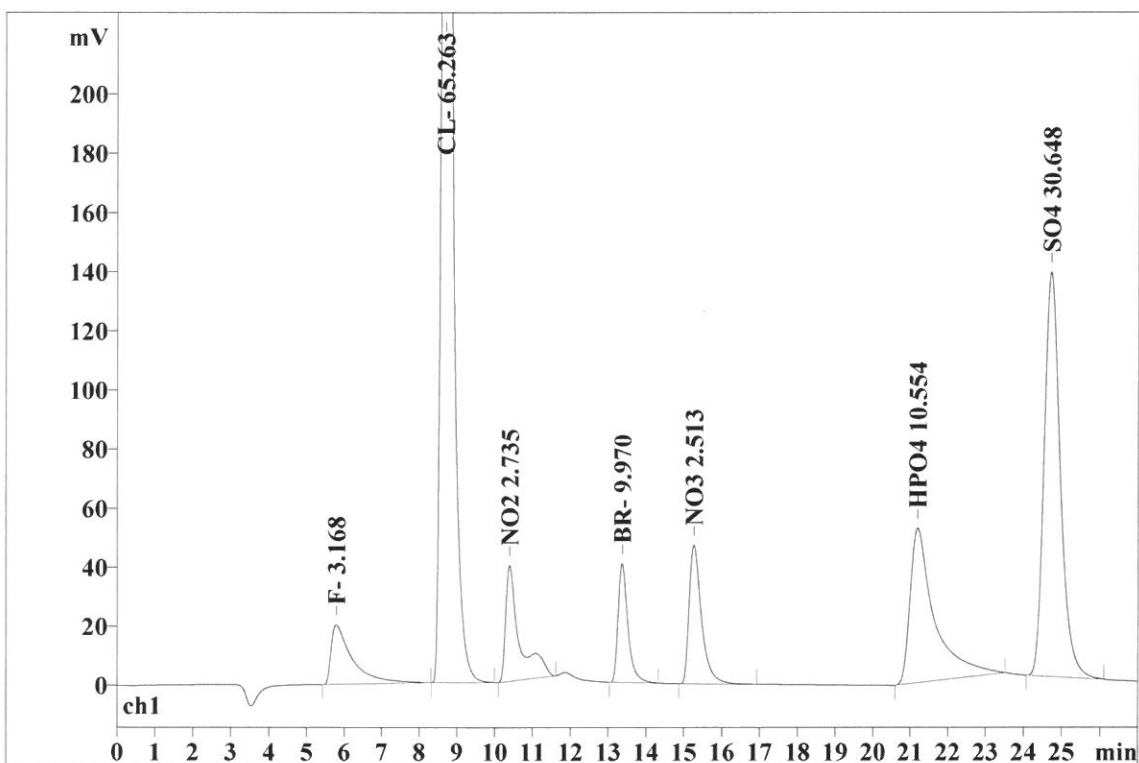
Ident: M2962-03MS  
Analysis from: 7/7/2021 4:19:32 PM  
File: \_2021-07-07\_

Last save: 7/8/2021 8:53:23 AM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27489

Last save: 7/6/2021 1:35:2

SAMPLE:  
: AP/MA  
Vial number: 30  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.79             | 0.509          | 20.17        | 1.88        | 788.763        | 3.74      |
| 2  | 8.67             | 0.210          | 737.65       | 68.70       | 11095.224      | 52.61     |
| 3  | 10.39            | 0.279          | 39.24        | 3.65        | 1002.220       | 4.75      |
| 4  | 13.36            | 0.270          | 40.37        | 3.76        | 742.141        | 3.52      |
| 5  | 15.25            | 0.330          | 47.01        | 4.38        | 1063.634       | 5.04      |
| 6  | 21.18            | 0.561          | 52.42        | 4.88        | 2352.059       | 11.15     |
| 7  | 24.71            | 0.444          | 136.89       | 12.75       | 4044.716       | 19.18     |
| 7  | 27.00            | 0.372          | 1073.72      | 100.00      | 21088.756      | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 7/8/2021 12:56:14 PM  
Printed by: wet

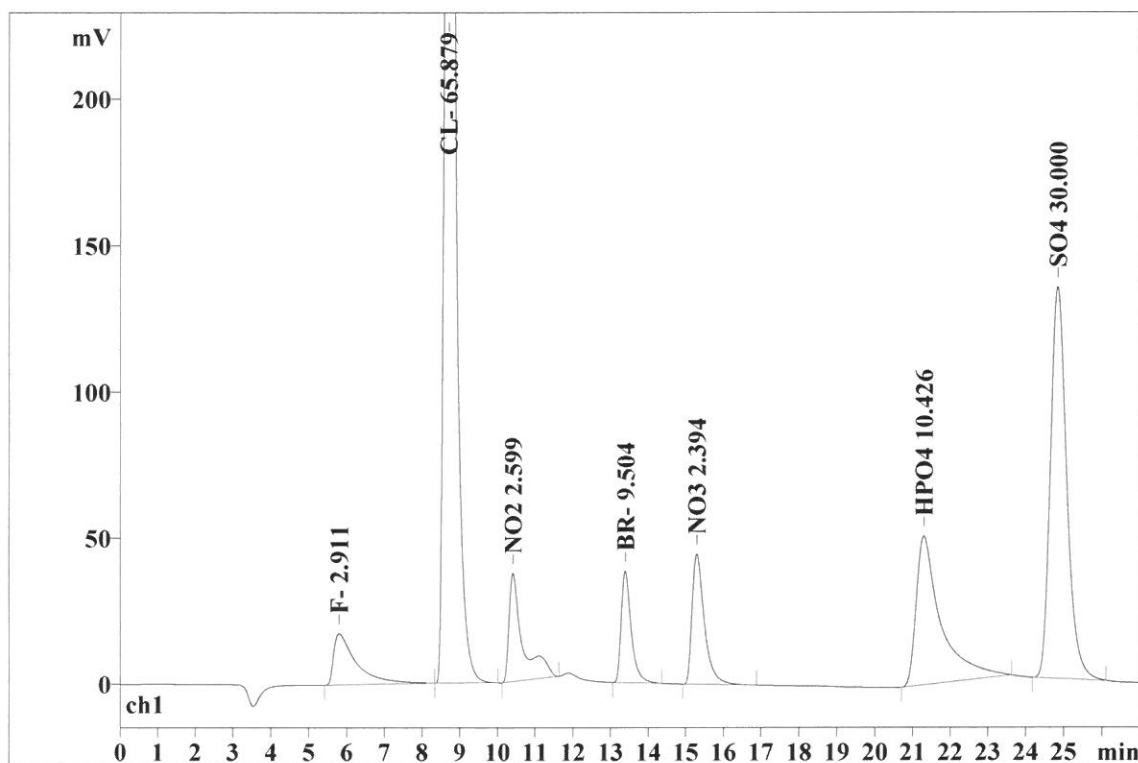
Ident: M2962-03MSD  
Analysis from: 7/7/2021 4:49:07 PM  
File: \_2021-07-07\_

Last save: 7/8/2021 8:53:25 AM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27490

Last save: 7/6/2021 1:35:2

SAMPLE:  
: AP/MA  
Vial number: 31  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.80             | 0.542          | 17.53        | 1.64        | 723.973        | 3.47      |
| 2  | 8.68             | 0.210          | 745.74       | 69.82       | 11200.121      | 53.65     |
| 3  | 10.41            | 0.283          | 37.10        | 3.47        | 950.769        | 4.55      |
| 4  | 13.39            | 0.271          | 38.22        | 3.58        | 706.366        | 3.38      |
| 5  | 15.28            | 0.331          | 44.57        | 4.17        | 1011.501       | 4.85      |
| 6  | 21.28            | 0.571          | 50.98        | 4.77        | 2324.437       | 11.14     |
| 7  | 24.82            | 0.445          | 133.89       | 12.54       | 3957.425       | 18.96     |
| 7  | 27.00            | 0.379          | 1068.03      | 100.00      | 20874.593      | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 7/8/2021 12:56:22 PM  
Printed by: wet

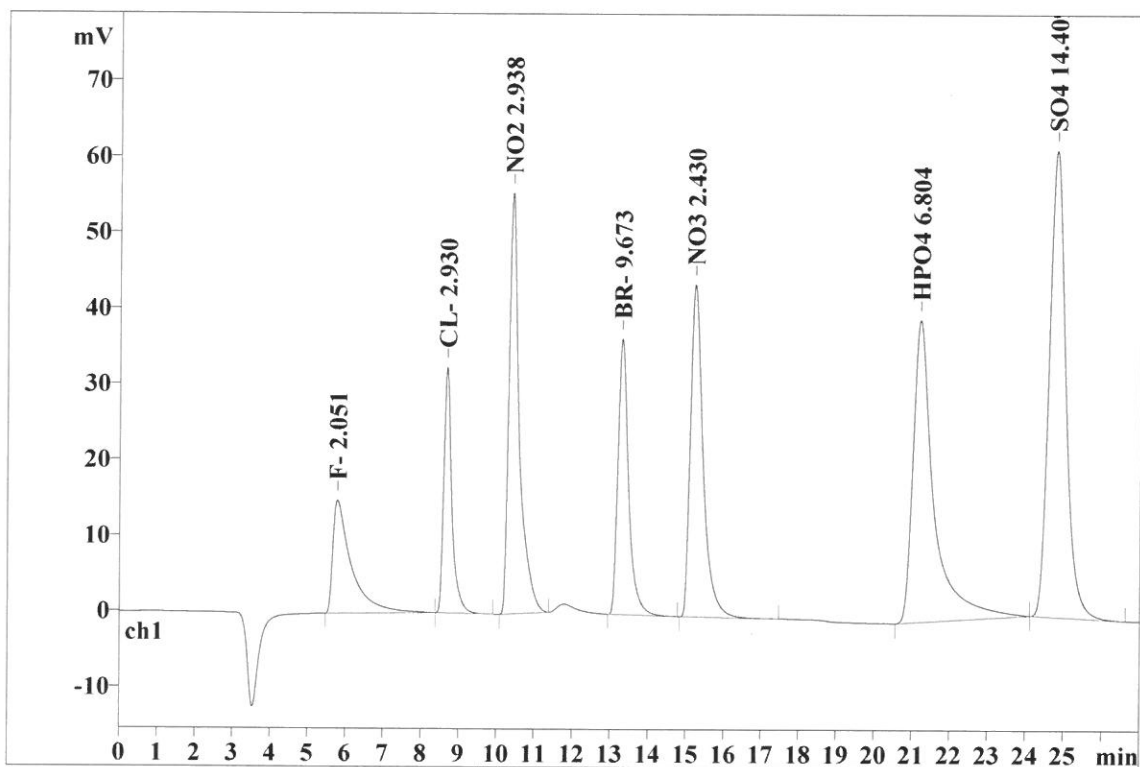
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Analysis from: 7/7/2021 5:18:50 PM  
File: \_2021-07-07\_

Last save: 7/7/2021 5:45:50 PM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27491

Last save: 7/6/2021 1:35:2

SAMPLE:  
: AP/MA  
Vial number: 11  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.78             | 0.442          | 14.94        | 5.25        | 506.931        | 7.02      |
| 2  | 8.66             | 0.210          | 32.40        | 11.39       | 484.911        | 6.71      |
| 3  | 10.39            | 0.264          | 55.47        | 19.50       | 1079.304       | 14.95     |
| 4  | 13.29            | 0.288          | 36.37        | 12.79       | 719.279        | 9.96      |
| 5  | 15.21            | 0.341          | 43.84        | 15.41       | 1027.081       | 14.22     |
| 6  | 21.19            | 0.492          | 39.84        | 14.01       | 1547.308       | 21.43     |
| 7  | 24.77            | 0.453          | 61.52        | 21.63       | 1856.971       | 25.71     |
| 7  | 27.00            | 0.356          | 284.38       | 100.00      | 7221.784       | 100.00    |

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METROHM LTD

Report date: 7/8/2021 12:56:29 PM  
Printed by: wet

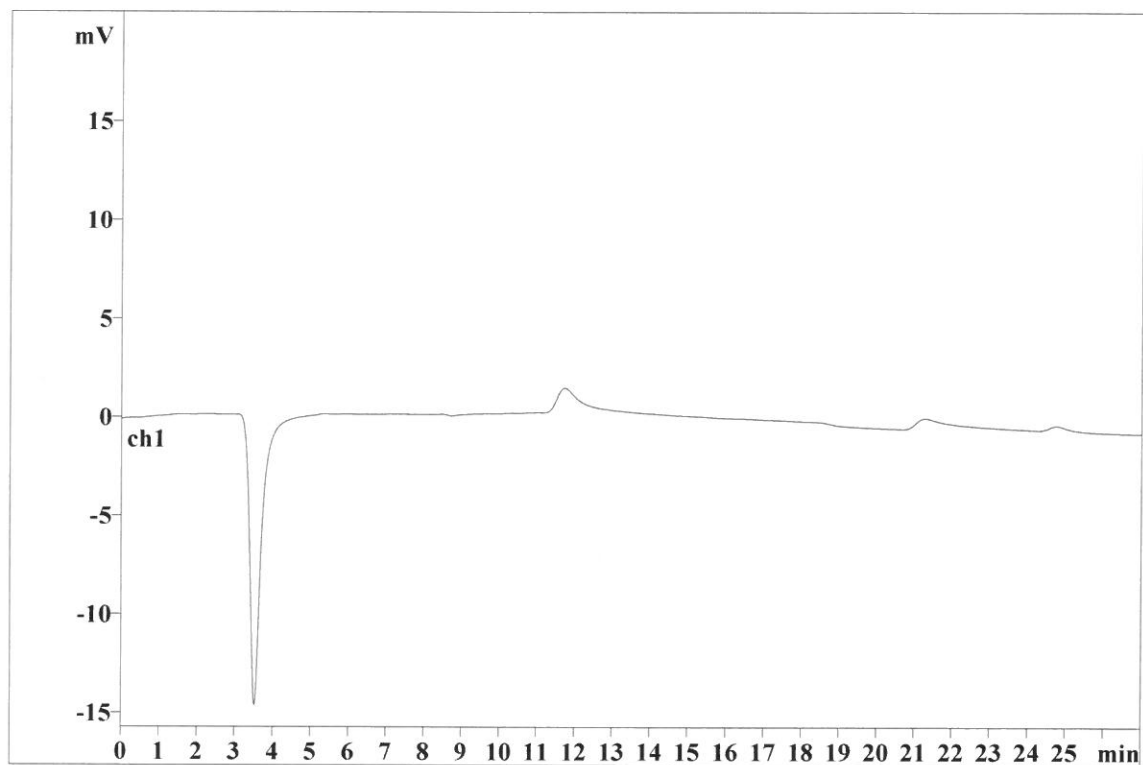
Ident: CCB  
Analysis from: 7/7/2021 5:48:26 PM  
File: \_2021-07-07\_

Last save: 7/8/2021 8:52:23 AM

Method: AnionsIC2-060921.mtw  
Run operator: wet  
Analysis number: 27492

Last save: 7/6/2021 1:35:2

SAMPLE:  
: AP/MA  
Vial number: 12  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

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