

IC-2  
M300.0  
3/23/2020  
AM

Clear table

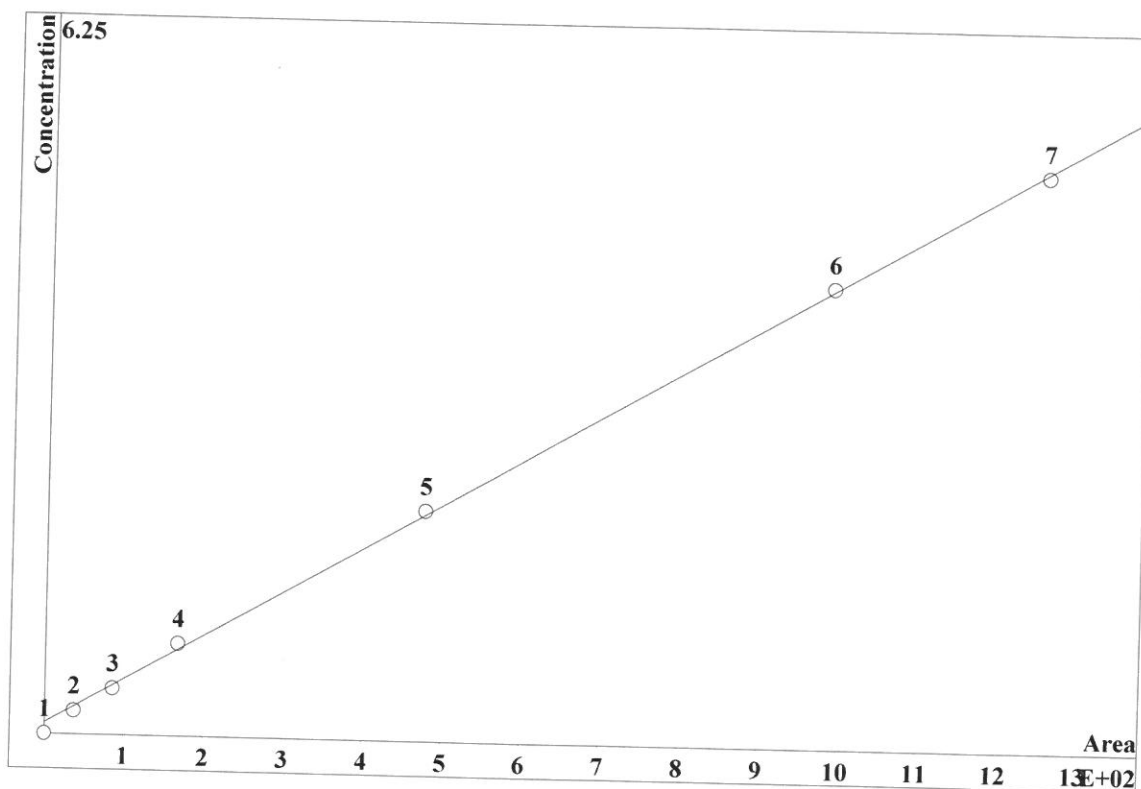
| ident          | concentra<br>tion F- | concentrati<br>on CL- | concentrati<br>on NO2 | concentrati<br>on BR- | concentrati<br>on NO3 | concentrati<br>on HPO4 | concentrati<br>on SO4 | file name   | date time     | Initial wt/<br>Final Vol | Analyst |
|----------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------|---------------|--------------------------|---------|
| STD1           | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-03-16_ | 3/16/20 10:39 |                          | AM/AP   |
| STD2           | 0.2700               | 0.3800                | 0.4180                | 1.2190                | 0.3640                | 0.5080                 | 1.9810                | 2020-03-16_ | 3/16/20 11:09 |                          | AM/AP   |
| STD3           | 0.4510               | 0.6390                | 0.6670                | 2.1300                | 0.5710                | 1.0040                 | 3.2610                | 2020-03-16_ | 3/16/20 11:40 |                          | AM/AP   |
| STD4           | 0.7670               | 1.1880                | 1.2010                | 3.9310                | 0.9720                | 2.0260                 | 5.8530                | 2020-03-16_ | 3/16/20 12:11 |                          | AM/AP   |
| STD5           | 1.9310               | 2.8620                | 2.9540                | 9.5680                | 2.3530                | 5.0110                 | 14.0750               | 2020-03-16_ | 3/16/20 12:41 |                          | AM/AP   |
| STD6           | 3.9110               | 5.7150                | 5.8800                | 19.0580               | 4.7000                | 9.6530                 | 28.3140               | 2020-03-16_ | 3/16/20 13:12 |                          | AM/AP   |
| STD7           | 5.0350               | 7.5880                | 7.5850                | 25.2830               | 6.3230                | 12.5220                | 38.0150               | 2020-03-16_ | 3/16/20 13:42 |                          | AM/AP   |
| ICV            | 1.9120               | 2.8750                | 2.8860                | 9.6420                | 2.3700                | 5.0460                 | 14.2820               | 2020-03-16_ | 3/16/20 14:20 |                          | AM/AP   |
| ICB            | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-03-16_ | 3/16/20 14:51 |                          | AM/AP   |
| CCV            | 2.0470               | 2.8940                | 2.8710                | 9.6880                | 2.3800                | 5.0600                 | 14.3440               | 2020-03-19_ | 3/19/20 10:30 |                          | AM/AP   |
| CCB            | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-03-19_ | 3/19/20 12:03 |                          | AM/AP   |
| LB108372BLW    | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-03-19_ | 3/19/20 12:34 |                          | AM/AP   |
| LB108372BSW    | 2.0950               | 2.8700                | 2.8610                | 9.6180                | 2.3650                | 4.2310                 | 14.2640               | 2020-03-19_ | 3/19/20 13:05 |                          | AM/AP   |
| L1982-01       | 0.0000               | 0.1650                | 0.0000                | 0.0000                | 0.0660                | 0.0000                 | 0.5570                | 2020-03-19_ | 3/19/20 13:35 |                          | AM/AP   |
| L1982-02       | 0.3180               | 0.6810                | 0.0000                | 0.0000                | 0.1130                | 0.0000                 | 0.0000                | 2020-03-19_ | 3/19/20 14:06 |                          | AM/AP   |
| L1982-03       | 0.0000               | 0.1100                | 0.0000                | 0.0000                | 0.0480                | 0.0000                 | 0.6080                | 2020-03-19_ | 3/19/20 14:36 |                          | AM/AP   |
| L1982-03DUP    | 0.0000               | 0.0970                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-03-19_ | 3/19/20 15:07 |                          | AM/AP   |
| L1982-03MS     | 1.9570               | 3.0090                | 2.9520                | 9.8830                | 2.4540                | 4.8290                 | 14.7310               | 2020-03-19_ | 3/19/20 15:38 |                          | AM/AP   |
| L1982-03MSD    | 1.9020               | 2.8540                | 2.7990                | 9.3690                | 2.3250                | 4.6240                 | 13.9640               | 2020-03-19_ | 3/19/20 16:08 |                          | AM/AP   |
| L1981-08       | 0.3250               | 656.2820              | 0.0000                | 3.9580                | 0.0570                | 0.1980                 | 59.4260               | 2020-03-19_ | 3/19/20 16:39 |                          | AM/AP   |
| L1981-08DLX200 | 0.0000               | 4.0590                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.7150                | 2020-03-19_ | 3/19/20 17:40 |                          | AM/AP   |
| CCV            | 2.0200               | 2.9300                | 2.8880                | 9.7720                | 2.4120                | 5.8750                 | 14.4550               | 2020-03-19_ | 3/19/20 18:11 |                          | AM/AP   |
| CCB            | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-03-19_ | 3/19/20 18:41 |                          | AM/AP   |

# CALIBRATION OF COMPONENT F-

Method: AnionsIC2-031620.mtw  
 Equation:  $Q = 0.0786231 \cdot A + 1.92483$   
 RSD: 2.153 %  
 Correlation coefficient: 0.999804

IC-2  
 M300-0

3/20/2020

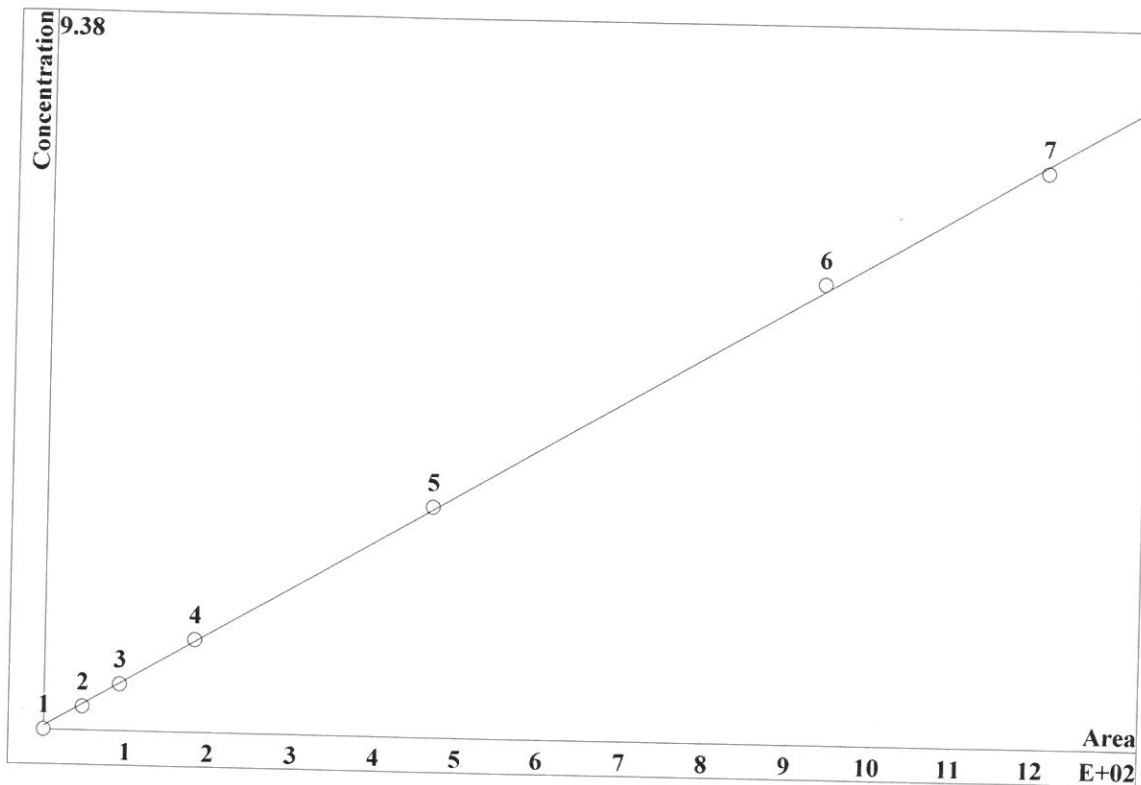


K3 = 0      K2 = 0      K1 = 0.0786231      K0 = 1.92483  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used File |
|-------|--------|-------|-------|---------|-----------|-----------|
| 1     | 0      | 0     | 0     | 0       | 0         | 0         |
| 2     | 1.346  | 36.76 | 0.2   | 20      | 5.867     |           |
| 3     | 3.118  | 85.2  | 0.4   | 20      | 5.867     |           |
| 4     | 7.177  | 166.7 | 0.8   | 20      | 5.867     |           |
| 5     | 19.87  | 475.5 | 2     | 20      | 5.867     |           |
| 6     | 41.28  | 987.1 | 4     | 20      | 5.867     |           |
| 7     | 55.6   | 1256  | 5     | 20      | 5.867     |           |

# CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-031620.mtw  
 Equation:  $Q = 0.124863 \cdot A + 0.914981$   
 RSD: 2.301 %  
 Correlation coefficient: 0.999776

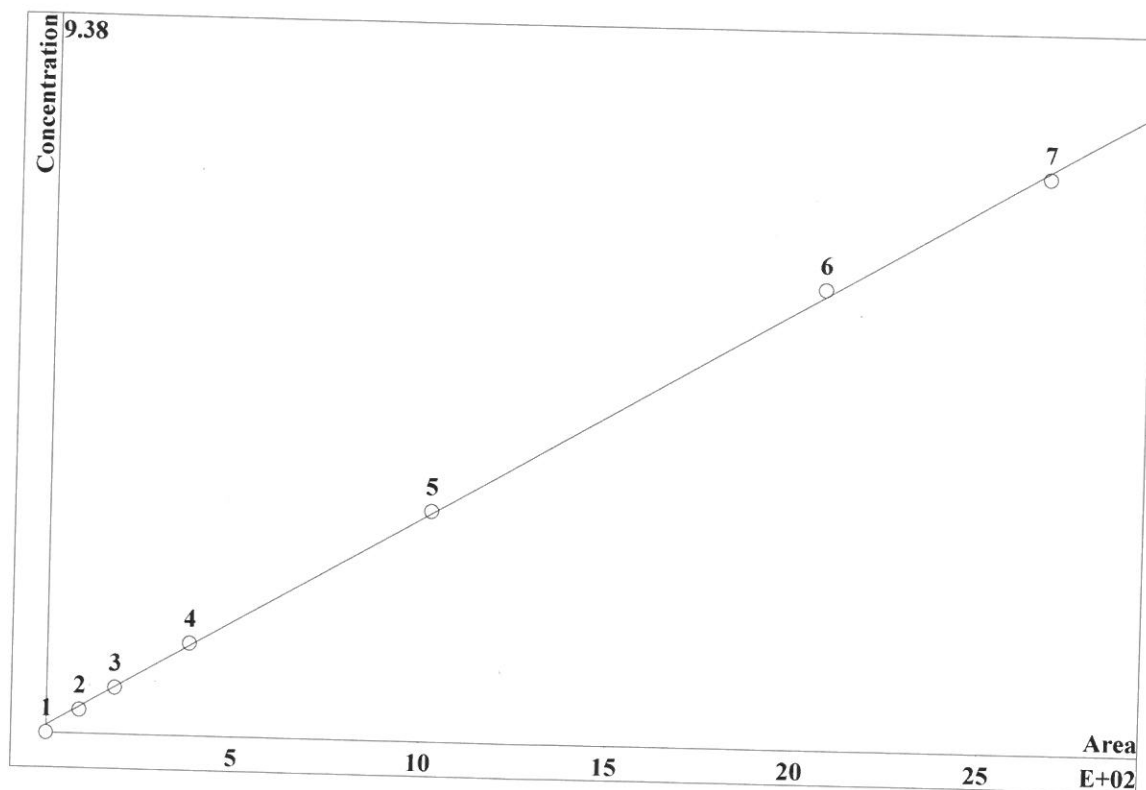


K3 = 0      K2 = 0      K1 = 0.124863      K0 = 0.914981  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 3.498  | 47.07 | 0.3   | 20      | 9.304     |      |      |
| 3     | 6.643  | 91.93 | 0.6   | 20      | 9.304     |      |      |
| 4     | 12.92  | 182.3 | 1.2   | 20      | 9.304     |      |      |
| 5     | 33.9   | 467.7 | 3     | 20      | 9.304     |      |      |
| 6     | 68.58  | 938.3 | 6     | 20      | 9.304     |      |      |
| 7     | 88.82  | 1208  | 7.5   | 20      | 9.304     |      |      |

# CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-031620.mtw  
 Equation:  $Q = 0.0562098 \cdot A + 1.954$   
 RSD: 2.300 %  
 Correlation coefficient: 0.999776



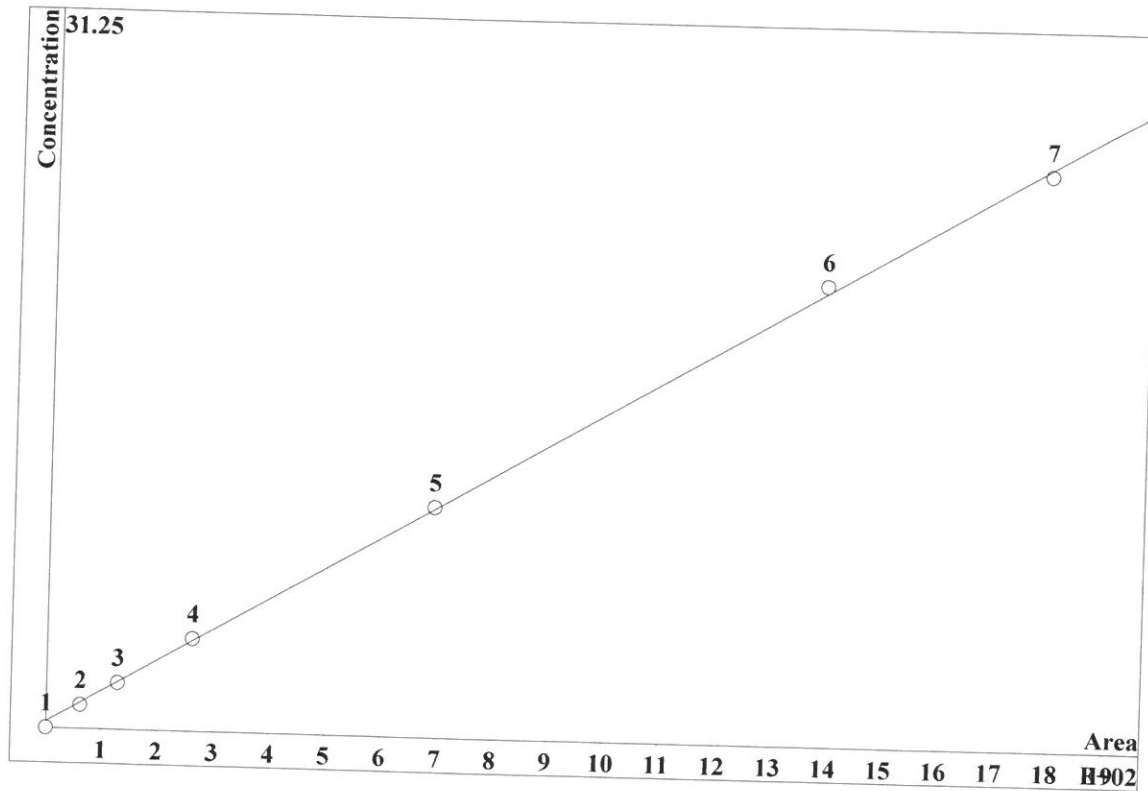
K3 = 0      K2 = 0      K1 = 0.0562098      K0 = 1.954  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     |        | 0     | 0     | 0       | 0         |      |      |
| 2     | 4.976  | 89.22 | 0.3   | 20      | 11.39     |      |      |
| 3     | 10.16  | 184.8 | 0.6   | 20      | 11.39     |      |      |
| 4     | 20.71  | 382.7 | 1.2   | 20      | 11.39     |      |      |
| 5     | 53.42  | 1022  | 3     | 20      | 11.39     |      |      |
| 6     | 106.7  | 2067  | 6     | 20      | 11.39     |      |      |
| 7     | 135.2  | 2664  | 7.5   | 20      | 11.39     |      |      |

±□□

# CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-031620.mtw  
 Equation:  $Q = 0.27961 \cdot A + 5.5279$   
 RSD: 2.256 %  
 Correlation coefficient: 0.999785

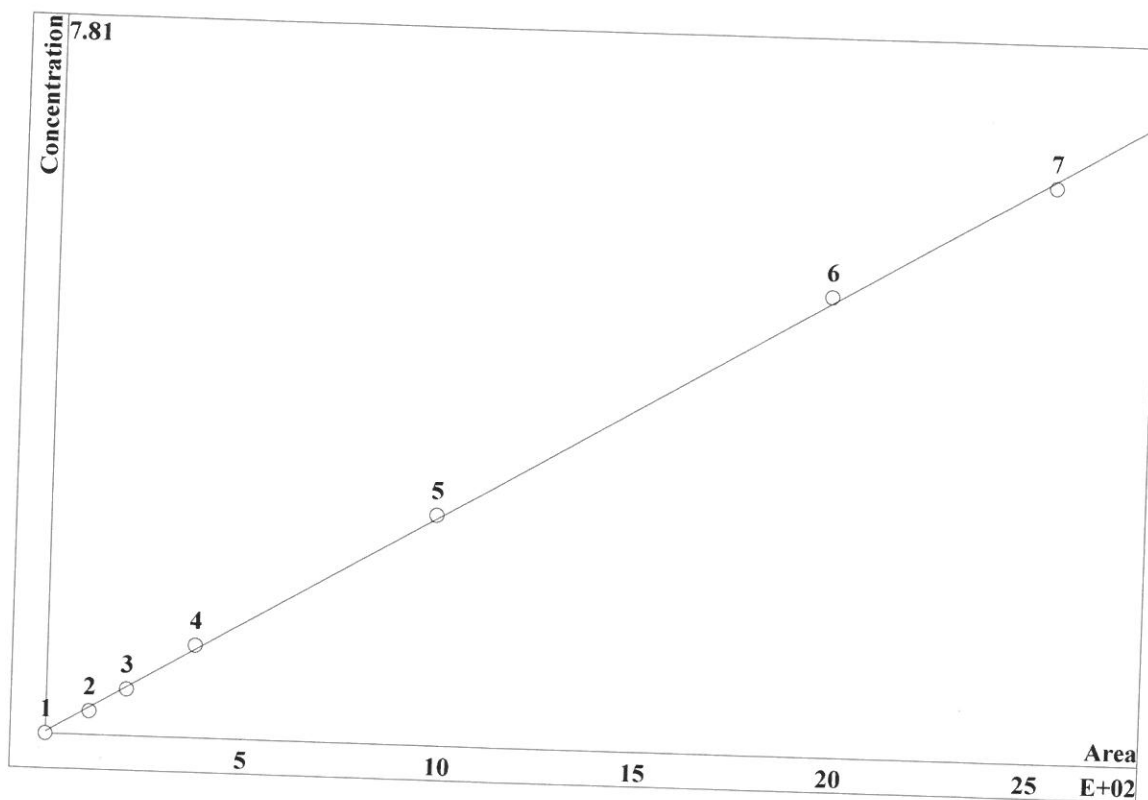


K3 = 0      K2 = 0      K1 = 0.27961      K0 = 5.5279  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area | Conc. | Vol/Dil | Retention | Used | File  |
|-------|--------|------|-------|---------|-----------|------|-------|
| 1     |        | 0    | 0     | 0       |           |      |       |
| 2     | 2.928  |      | 61.12 | 1       | 20        |      | 0     |
| 3     | 6.04   |      | 127.9 | 2       | 20        |      | 14.91 |
| 4     | 12.47  |      | 261.1 | 4       | 20        |      | 14.91 |
| 5     | 33.43  |      | 689.5 | 10      | 20        |      | 14.91 |
| 6     | 68.32  |      | 1388  | 20      | 20        |      | 14.91 |
| 7     | 88.64  |      | 1789  | 25      | 20        |      | 14.91 |

# CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-031620.mtw  
 Equation:  $Q = 0.0497658 \cdot A + 0.412227$   
 RSD: 2.527 %  
 Correlation coefficient: 0.999730

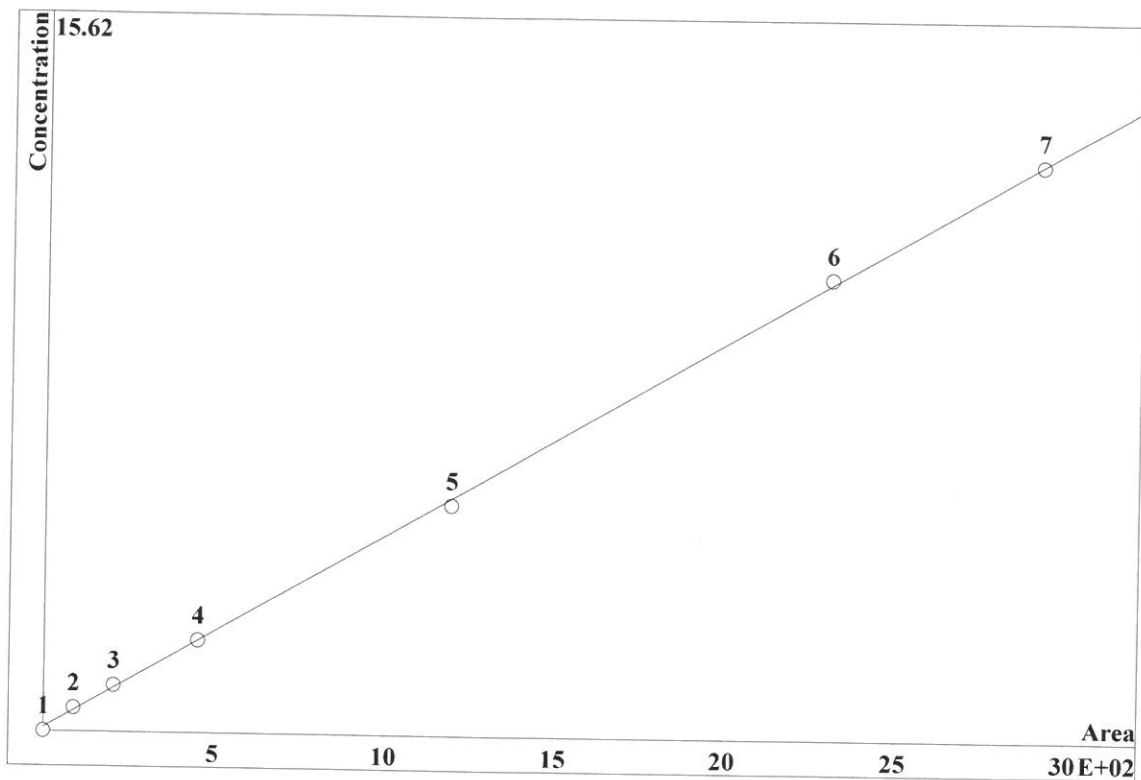


K3 = 0      K2 = 0      K1 = 0.0497658      K0 = 0.412227  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     |        | 0     | 0     | 0       |           |      |      |
| 2     | 4.436  | 111.4 | 0.25  | 20      | 17.45     |      |      |
| 3     | 8.055  | 205.5 | 0.5   | 20      | 17.45     |      |      |
| 4     | 14.83  | 377.3 | 1     | 20      | 17.45     |      |      |
| 5     | 38.4   | 980.3 | 2.5   | 20      | 17.45     |      |      |
| 6     | 76.71  | 1972  | 5     | 20      | 17.45     |      |      |
| 7     | 97.97  | 2533  | 6.25  | 20      | 17.45     |      |      |

CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-031620.mtw  
 Equation:  $Q = 0.0851481 \cdot A + 1.63105$   
 RSD: 1.897 %  
 Correlation coefficient: 0.999848



K3 = 0      K2 = 0      K1 = 0.0851481      K0 = 1.63105

Base: Area

Ref.channel: ch1

ISTD:

Formula: Linear

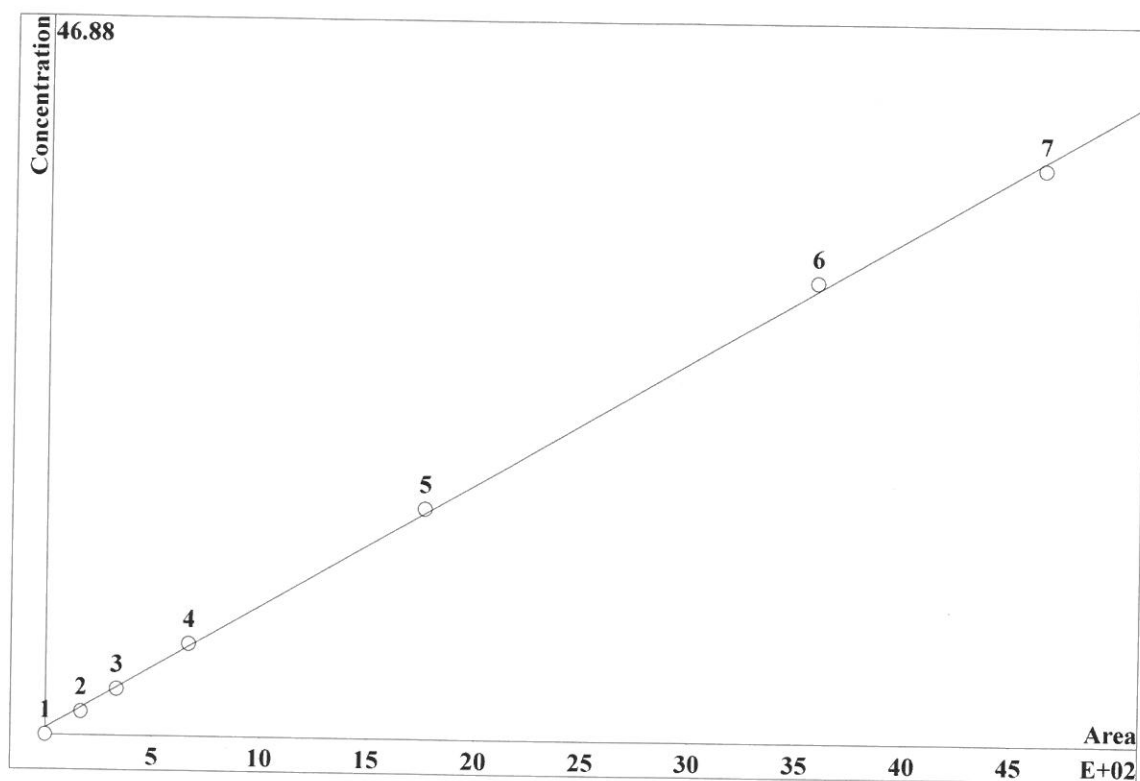
Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 2.264  | 88.61 | 0.5   | 20      | 22.68     |      |      |
| 3     | 5.003  | 206.2 | 1     | 20      | 22.68     |      |      |
| 4     | 11     | 453   | 2     | 20      | 22.68     |      |      |
| 5     | 29.52  | 1191  | 5     | 20      | 22.68     |      |      |
| 6     | 58.3   | 2305  | 10    | 20      | 22.68     |      |      |
| 7     | 75.04  | 2922  | 12.5  | 20      | 22.68     |      |      |

\*□

# CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-031620.mtw  
 Equation:  $Q = 0.162099 \cdot A + 8.85661$   
 RSD: 2.802 %  
 Correlation coefficient: 0.999668



K3 = 0      K2 = 0      K1 = 0.162099      K0 = 8.85661  
 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     | 4.924  | 167.5 | 1.5   | 20      | 26.56     |      |      |
| 3     | 9.719  | 332.8 | 3     | 20      | 26.56     |      |      |
| 4     | 19.53  | 668.4 | 6     | 20      | 26.56     |      |      |
| 5     | 51.76  | 1760  | 15    | 20      | 26.56     |      |      |
| 6     | 105.4  | 3582  | 30    | 20      | 26.56     |      |      |
| 7     | 136.5  | 4636  | 37.5  | 20      | 26.56     |      |      |

Report date: 3/23/2020 10:21:17 AM  
Printed by: wet

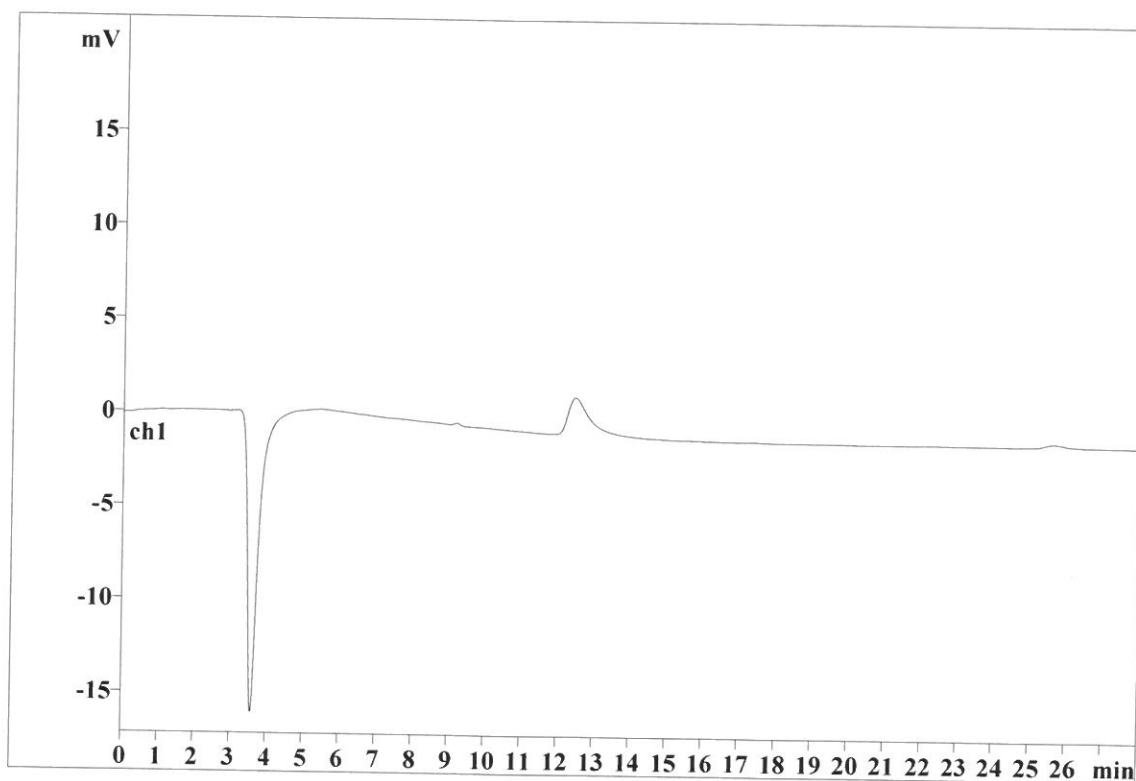
Ident: STD1  
Analysis from: 3/16/2020 10:39:23 AM  
File: \_2020-03-16\_

Last save: 3/16/2020 11:07:23 AM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24718

Last save: 3/16/2020 9:47:

SAMPLE:  
:  
Vial number: 2  
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: 3/23/2020 10:21:26 AM  
Printed by: wet

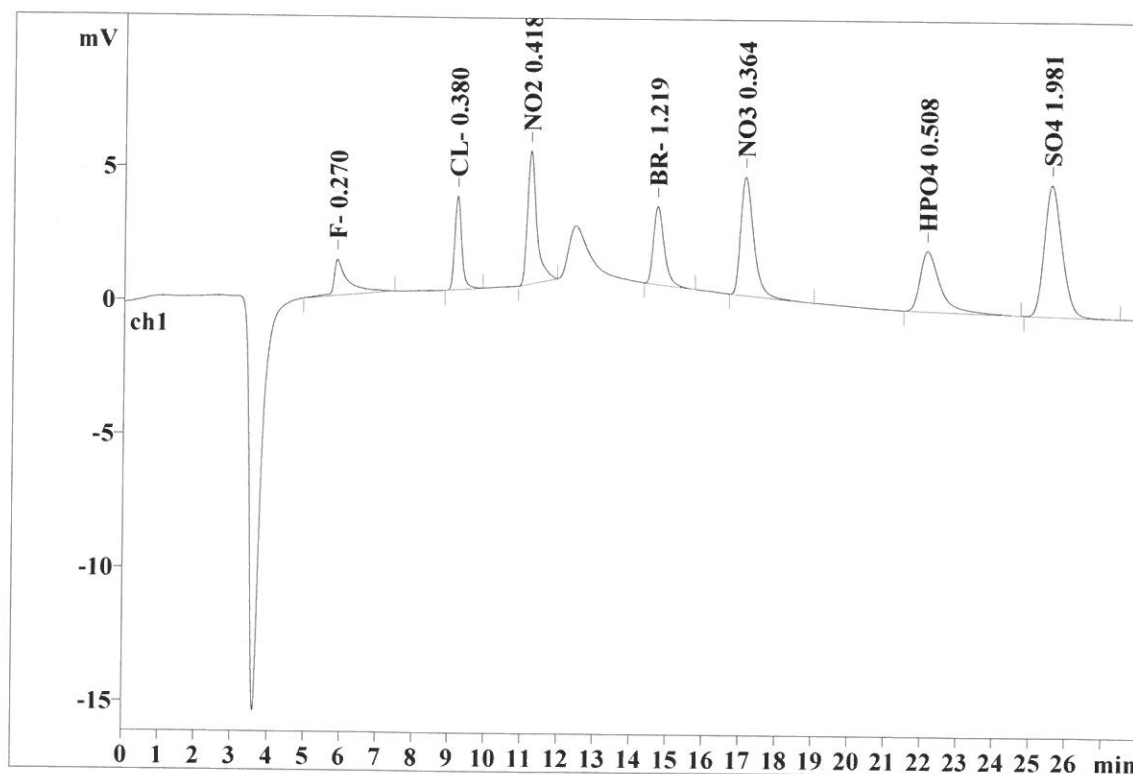
Ident: STD2  
Analysis from: 3/16/2020 11:09:58 AM  
File: \_2020-03-16\_

Last save: 3/16/2020 11:37:58 AM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24719

Last save: 3/16/2020 11:07

SAMPLE:  
: AK/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  | 5.83             | 0.296          | 1.35         | 5.52        | 36.757         | 6.11      |
| 2  | 9.15             | 0.198          | 3.50         | 14.35       | 47.071         | 7.82      |
| 3  | 11.17            | 0.252          | 4.97         | 20.41       | 89.217         | 14.83     |
| 4  | 14.66            | 0.312          | 2.93         | 12.01       | 61.124         | 10.16     |
| 5  | 17.07            | 0.373          | 4.44         | 18.20       | 111.353        | 18.51     |
| 6  | 22.10            | 0.546          | 2.26         | 9.28        | 88.613         | 14.73     |
| 7  | 25.53            | 0.522          | 4.92         | 20.20       | 167.457        | 27.84     |
| 7  | 28.00            | 0.357          | 24.36        | 99.97       | 601.593        | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 10:21:33 AM  
Printed by: wet

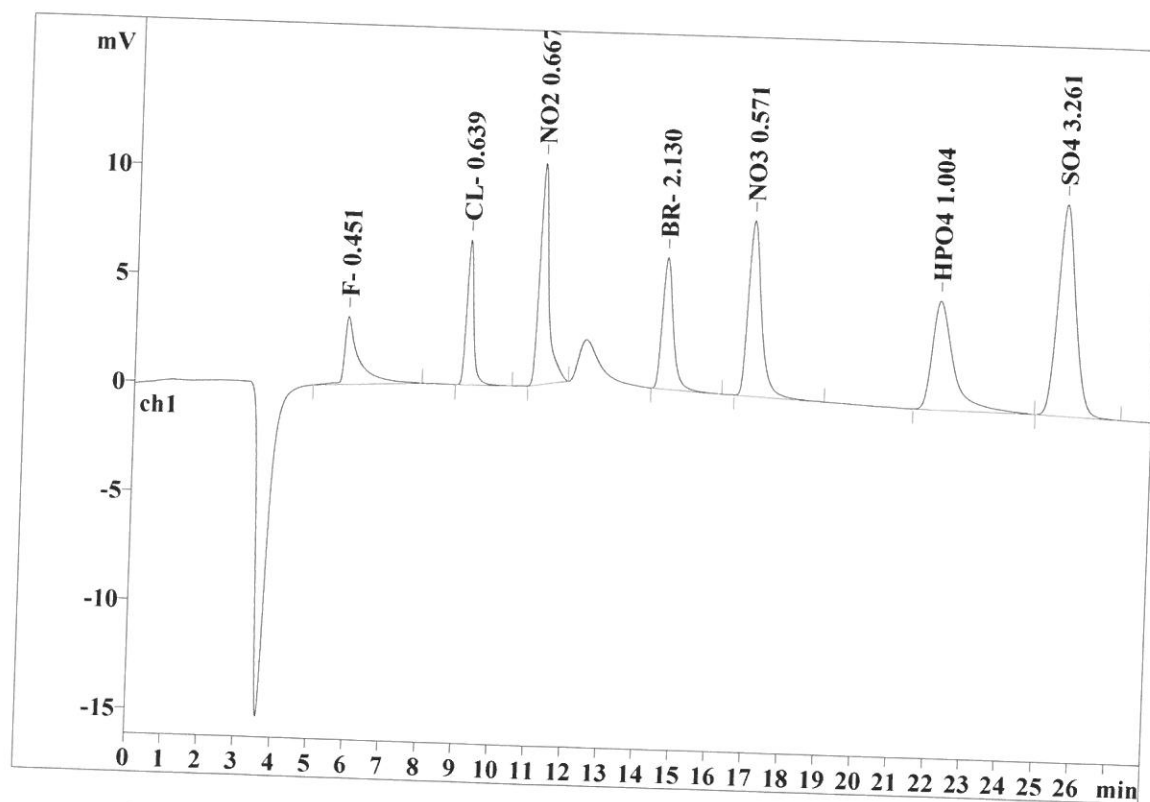
Ident: STD3  
Analysis from: 3/16/2020 11:40:33 AM  
File: \_2020-03-16\_

Last save: 3/16/2020 12:08:34 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24720

Last save: 3/16/2020 11:37

SAMPLE:  
: AK/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  | 5.84             | 0.297          | 3.12         | 6.39        | 85.199         | 6.90      |
| 2  | 9.14             | 0.203          | 6.64         | 13.63       | 91.929         | 7.45      |
| 3  | 11.14            | 0.254          | 10.16        | 20.84       | 184.832        | 14.97     |
| 4  | 14.60            | 0.315          | 6.04         | 12.39       | 127.925        | 10.36     |
| 5  | 16.98            | 0.378          | 8.05         | 16.53       | 205.530        | 16.65     |
| 6  | 22.13            | 0.568          | 5.00         | 10.26       | 206.182        | 16.70     |
| 7  | 25.55            | 0.528          | 9.72         | 19.94       | 332.808        | 26.96     |
| 7  | 28.00            | 0.363          | 48.73        | 99.98       | 1234.406       | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 10:21:43 AM  
Printed by: wet

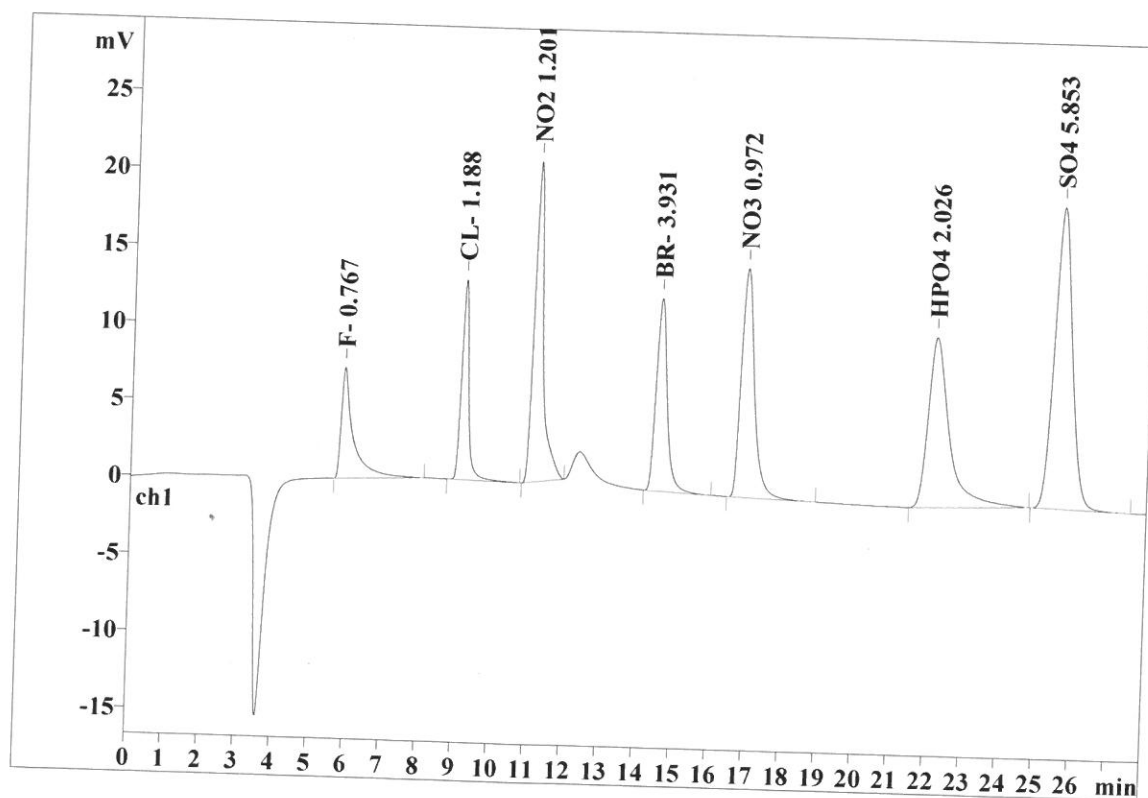
Ident: STD4  
Analysis from: 3/16/2020 12:11:09 PM  
File: \_2020-03-16\_

Last save: 3/16/2020 12:39:09 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24721

Last save: 3/16/2020 12:08

SAMPLE:  
: AK/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  | 5.84             | 0.266          | 7.18         | 7.28        | 166.676        | 6.69      |
| 2  | 9.12             | 0.203          | 12.92        | 13.10       | 182.271        | 7.32      |
| 3  | 11.10            | 0.256          | 20.71        | 21.00       | 382.687        | 15.36     |
| 4  | 14.52            | 0.312          | 12.47        | 12.64       | 261.077        | 10.48     |
| 5  | 16.86            | 0.379          | 14.83        | 15.03       | 377.293        | 15.14     |
| 6  | 22.12            | 0.569          | 11.00        | 11.15       | 452.964        | 18.18     |
| 7  | 25.55            | 0.528          | 19.53        | 19.80       | 668.395        | 26.83     |
| 7  | 28.00            | 0.359          | 98.64        | 100.00      | 2491.362       | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 10:21:52 AM  
 Printed by: wet

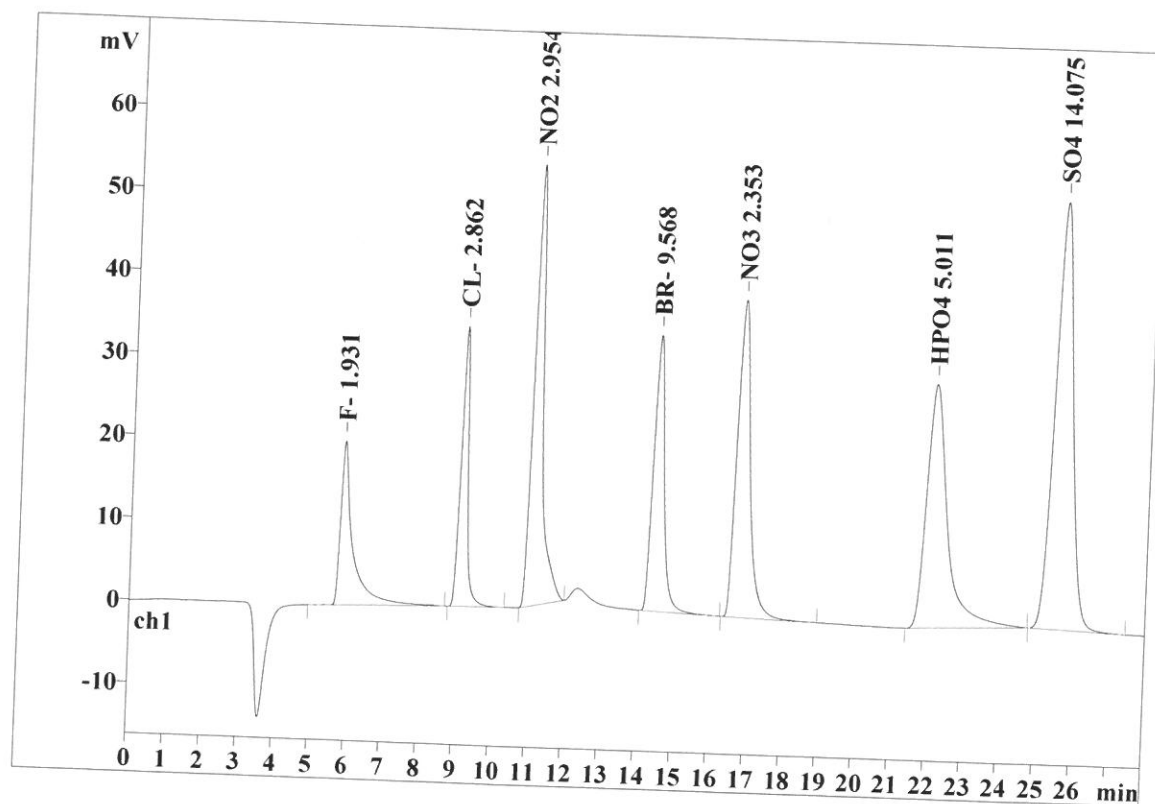
Ident: STD5  
 Analysis from: 3/16/2020 12:41:44 PM  
 File: \_2020-03-16\_

Last save: 3/16/2020 1:09:44 PM

Method: AnionsIC2-031620.mtw  
 Run operator: wet  
 Analysis number: 24722

Last save: 3/16/2020 12:39

SAMPLE:  
 :  
 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  | 5.84             | 0.272          | 19.86        | 7.63        | 475.458        | 7.22      |
| 2  | 9.11             | 0.202          | 33.90        | 13.02       | 467.745        | 7.10      |
| 3  | 11.07            | 0.263          | 53.42        | 20.52       | 1021.757       | 15.51     |
| 4  | 14.44            | 0.308          | 33.43        | 12.84       | 689.485        | 10.47     |
| 5  | 16.73            | 0.379          | 38.40        | 14.75       | 980.309        | 14.88     |
| 6  | 22.08            | 0.563          | 29.51        | 11.34       | 1191.432       | 18.09     |
| 7  | 25.52            | 0.525          | 51.76        | 19.88       | 1760.185       | 26.72     |
| 7  | 28.00            | 0.359          | 260.29       | 100.00      | 6586.372       | 100.00    |

This report has been created by IC Net  
 METROHM LTD

Report date: 3/23/2020 10:22:11 AM  
Printed by: wet

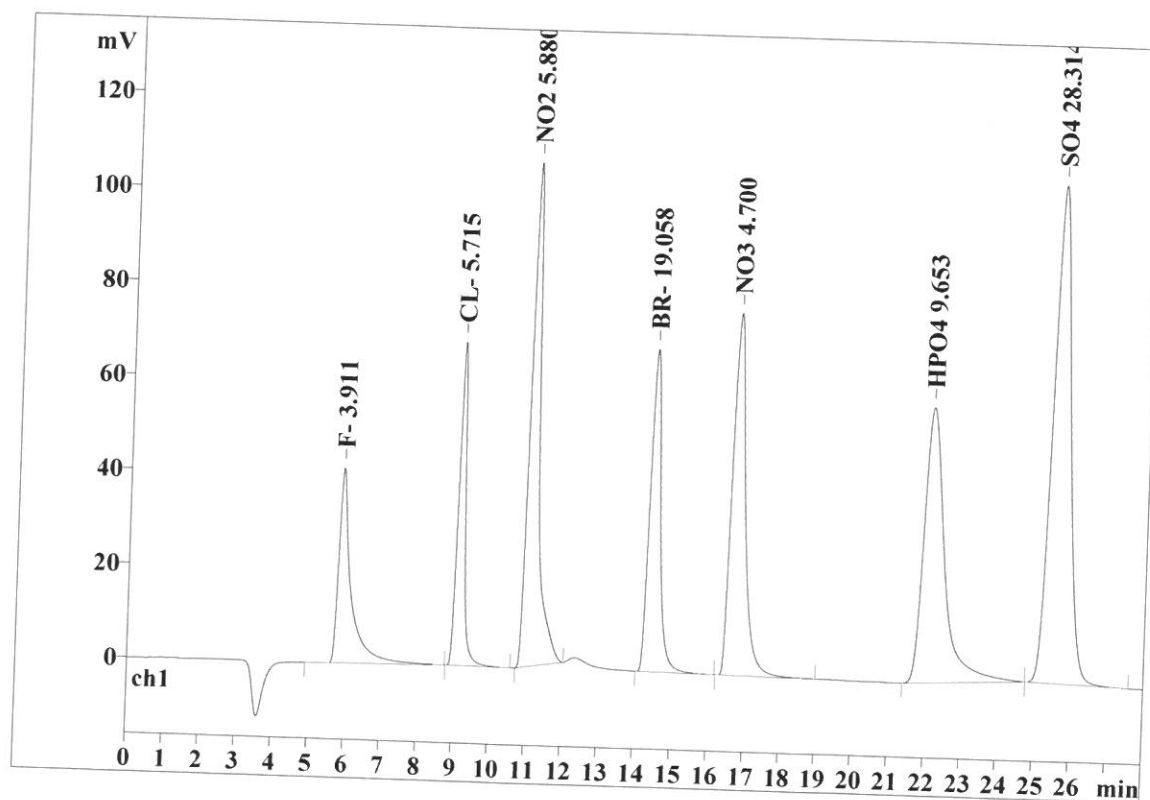
Ident: STD6  
Analysis from: 3/16/2020 1:12:19 PM  
File: \_2020-03-16\_

Last save: 3/16/2020 1:40:20 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24723

Last save: 3/16/2020 1:09:

SAMPLE:  
:  
Vial number: AM/AP  
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  | 5.86             | 0.285          | 41.28        | 7.86        | 987.123        | 7.46      |
| 2  | 9.10             | 0.200          | 68.58        | 13.05       | 938.271        | 7.09      |
| 3  | 11.04            | 0.265          | 106.72       | 20.31       | 2066.812       | 15.61     |
| 4  | 14.41            | 0.303          | 68.32        | 13.01       | 1387.811       | 10.48     |
| 5  | 16.66            | 0.379          | 76.71        | 14.60       | 1972.217       | 14.90     |
| 6  | 22.06            | 0.557          | 58.30        | 11.10       | 2305.296       | 17.41     |
| 7  | 25.52            | 0.525          | 105.43       | 20.07       | 3582.076       | 27.06     |
| 7  | 28.00            | 0.359          | 525.34       | 100.00      | 13239.606      | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 10:22:19 AM  
Printed by: wet

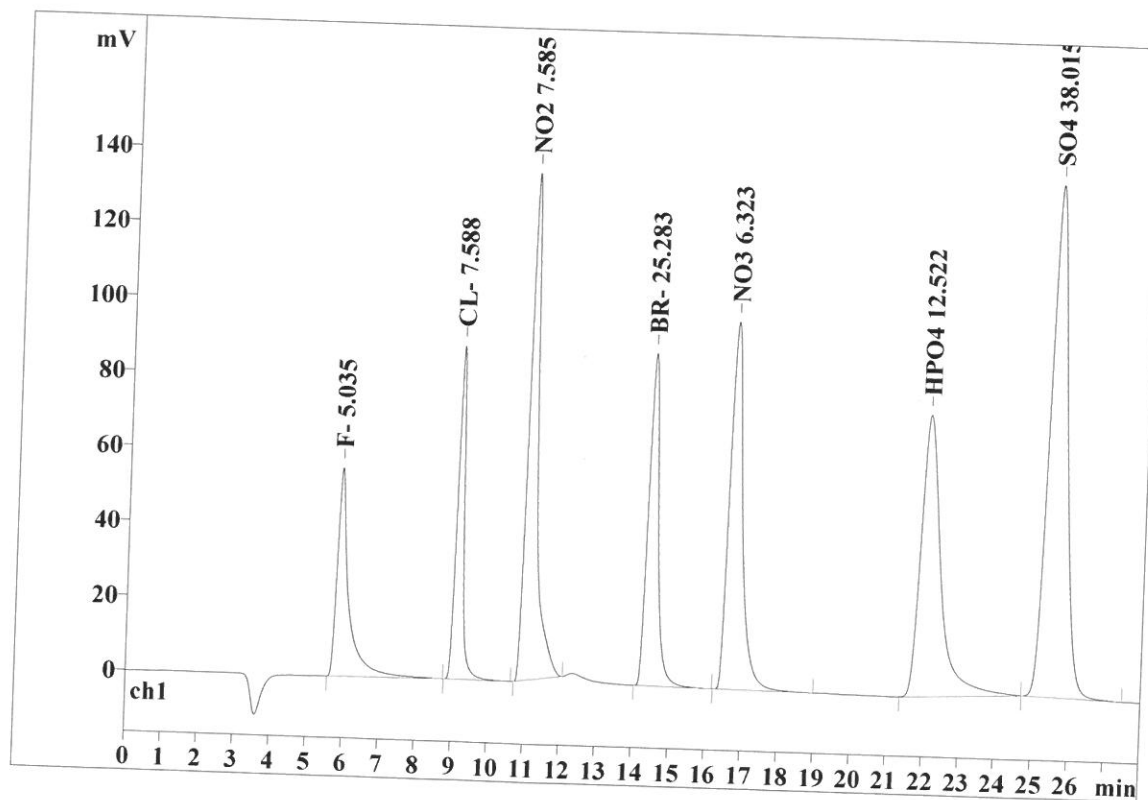
Ident: STD7  
Analysis from: 3/16/2020 1:42:55 PM  
File: \_2020-03-16\_

Last save: 3/16/2020 2:10:55 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24724

Last save: 3/16/2020 1:40:

SAMPLE:  
:  
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  | 5.86             | 0.272          | 55.60        | 8.20        | 1256.186       | 7.39      |
| 2  | 9.10             | 0.198          | 88.82        | 13.10       | 1208.011       | 7.10      |
| 3  | 11.03            | 0.269          | 135.21       | 19.95       | 2664.185       | 15.66     |
| 4  | 14.41            | 0.301          | 88.64        | 13.08       | 1788.708       | 10.52     |
| 5  | 16.65            | 0.381          | 97.97        | 14.45       | 2532.769       | 14.89     |
| 6  | 22.02            | 0.552          | 75.04        | 11.07       | 2922.011       | 17.18     |
| 7  | 25.48            | 0.525          | 136.53       | 20.14       | 4635.709       | 27.26     |
| 7  | 28.00            | 0.357          | 677.80       | 100.00      | 17007.578      | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 10:22:52 AM  
 Printed by: wet

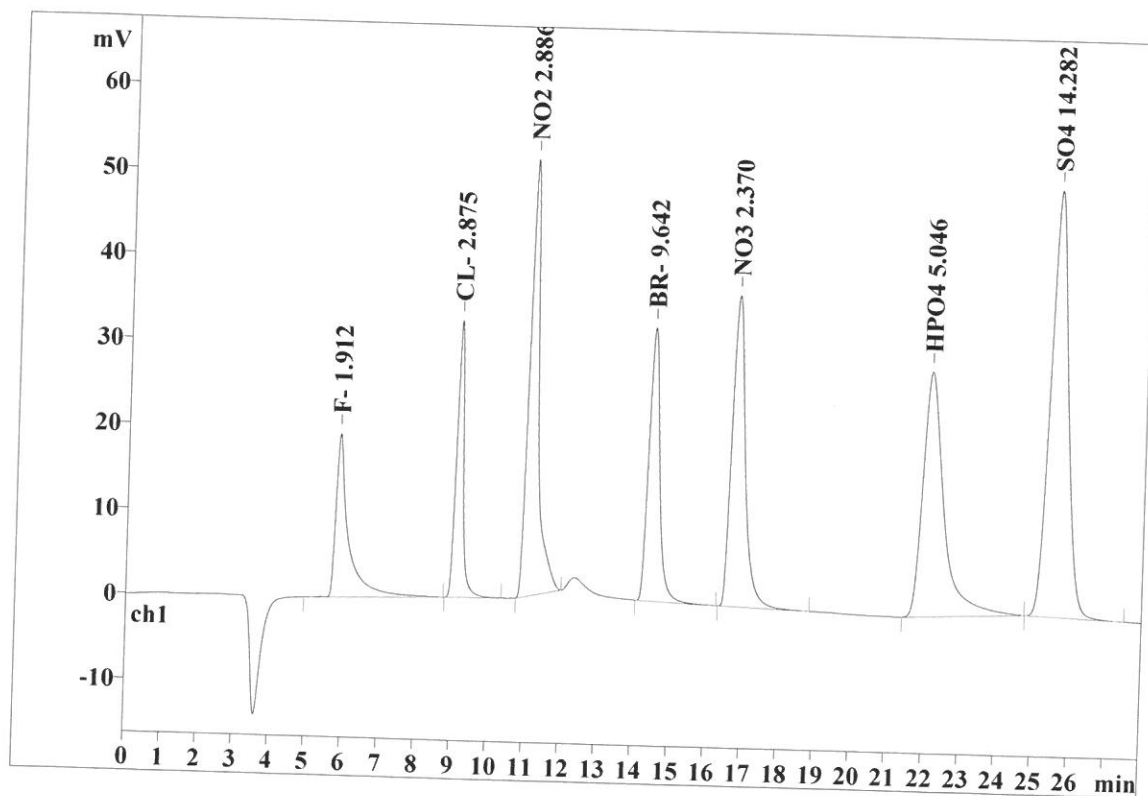
Ident: ICV  
 Analysis from: 3/16/2020 2:20:34 PM  
 File: \_2020-03-16\_

Last save: 3/16/2020 2:48:35 PM

Method: AnionsIC2-031620.mtw  
 Run operator: wet  
 Analysis number: 24725

Last save: 3/16/2020 2:10:

SAMPLE:  
 :  
 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  | 5.84             | 0.273          | 19.16        | 7.66        | 461.799        | 7.22      |
| 2  | 9.10             | 0.204          | 32.48        | 12.98       | 453.165        | 7.09      |
| 3  | 11.07            | 0.267          | 51.23        | 20.48       | 992.215        | 15.52     |
| 4  | 14.44            | 0.313          | 32.06        | 12.81       | 669.930        | 10.48     |
| 5  | 16.74            | 0.386          | 36.49        | 14.58       | 944.309        | 14.77     |
| 6  | 22.08            | 0.567          | 28.73        | 11.48       | 1166.031       | 18.23     |
| 7  | 25.52            | 0.525          | 50.04        | 20.00       | 1707.535       | 26.70     |
| 7  | 28.00            | 0.362          | 250.19       | 100.00      | 6394.985       | 100.00    |

This report has been created by IC Net  
 METROHM LTD

Report date: 3/23/2020 10:23:04 AM  
Printed by: wet

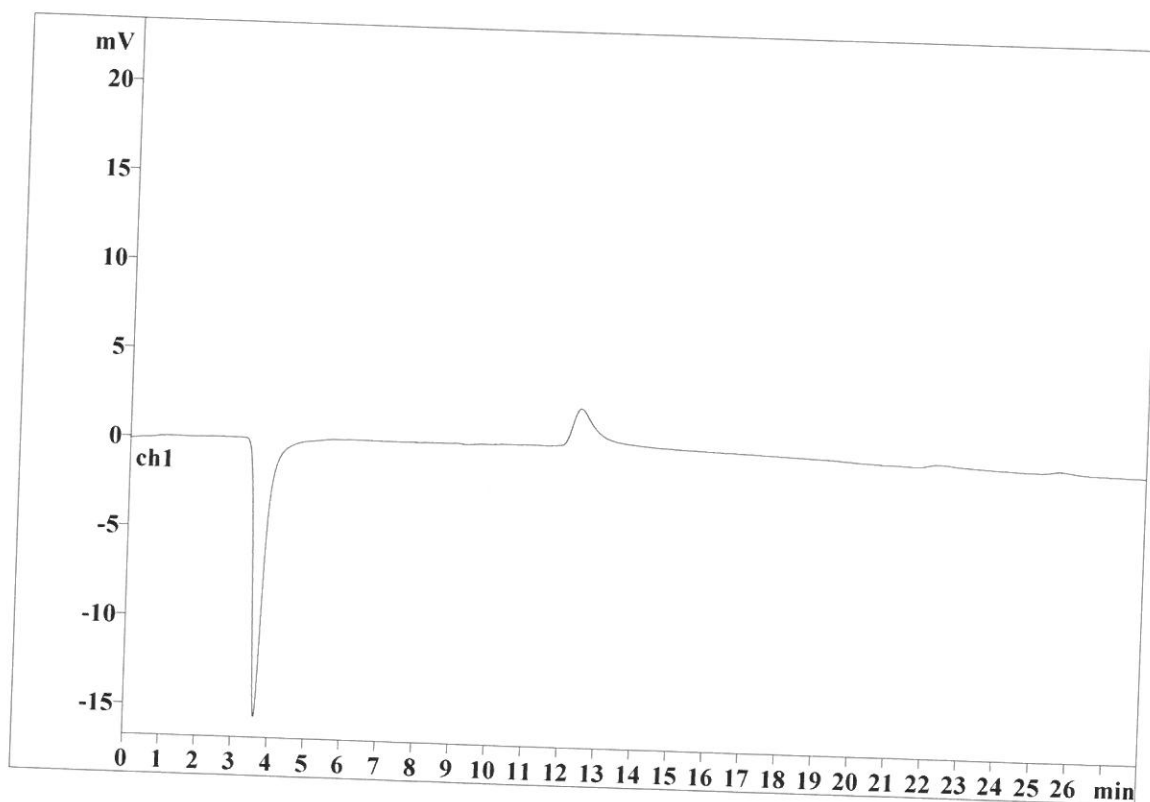
Ident: ICB  
Analysis from: 3/16/2020 2:51:59 PM  
File: \_2020-03-16\_

Last save: 3/16/2020 3:19:59 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24726

Last save: 3/16/2020 2:10:

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



Quantitation method: Custom

No peaks

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 9:09:03 AM  
Printed by: wet

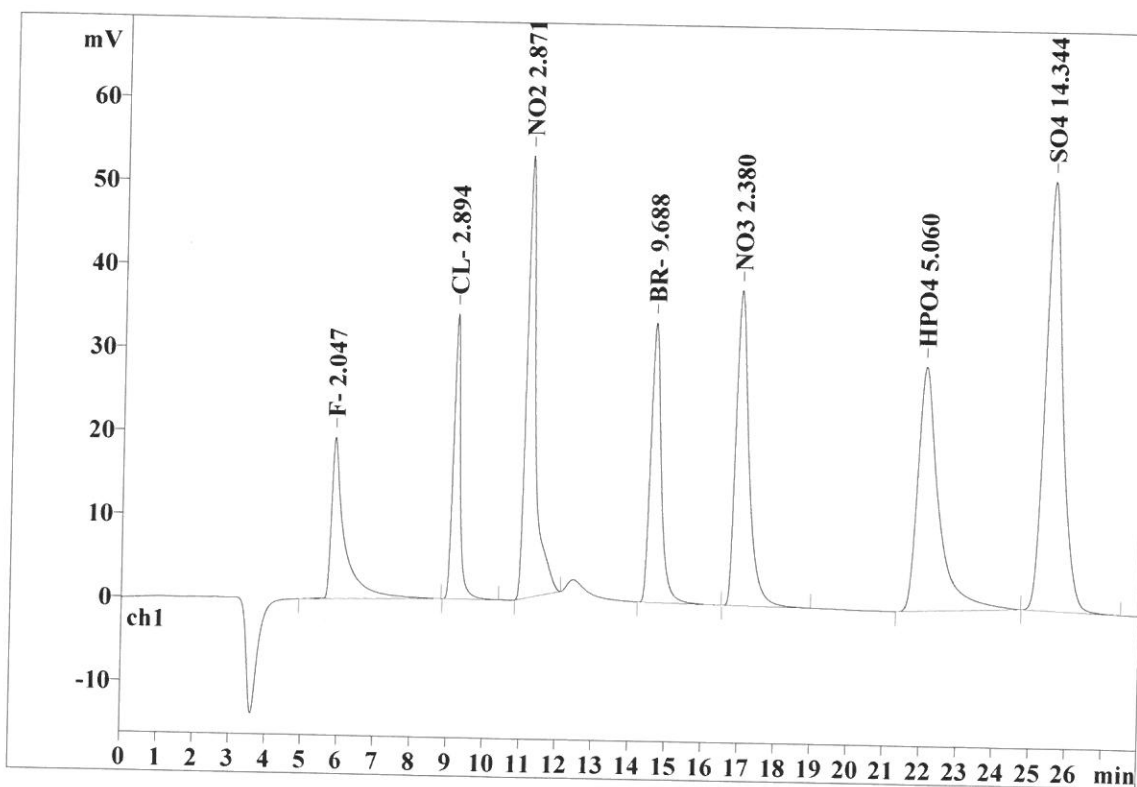
Ident: CCV  
Analysis from: 3/19/2020 10:30:02 AM  
File: \_2020-03-19\_

Last save: 3/19/2020 10:58:02 AM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24747

Last save: 3/16/2020 2:10:

SAMPLE:  
: AM/AP  
Vial number: 2  
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  | 5.85             | 0.293          | 19.37        | 7.49        | 496.272        | 7.70      |
| 2  | 9.16             | 0.193          | 34.16        | 13.21       | 456.276        | 7.08      |
| 3  | 11.14            | 0.250          | 52.99        | 20.50       | 986.673        | 15.31     |
| 4  | 14.61            | 0.294          | 33.52        | 12.96       | 673.166        | 10.44     |
| 5  | 16.95            | 0.367          | 37.78        | 14.61       | 948.289        | 14.71     |
| 6  | 22.05            | 0.542          | 29.26        | 11.32       | 1169.289       | 18.14     |
| 7  | 25.50            | 0.493          | 51.44        | 19.90       | 1715.175       | 26.61     |
| 7  | 28.00            | 0.347          | 258.51       | 100.00      | 6445.140       | 100.00    |

This report has been created by IC Net  
METROHM LTD

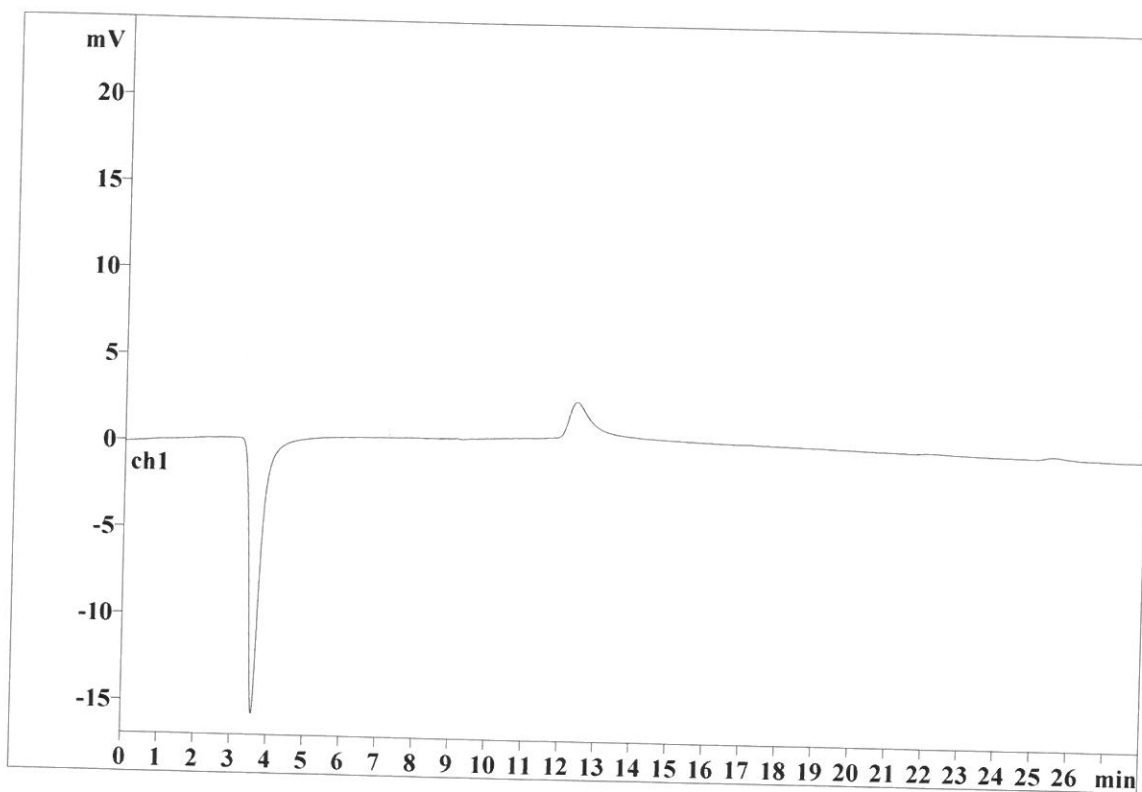
Report date: 3/23/2020 9:09:14 AM  
Printed by: wet  
Ident: CCB  
Analysis from: 3/19/2020 12:03:57 PM  
File: \_2020-03-19\_

Last save: 3/19/2020 12:31:58 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24748

Last save: 3/16/2020 2:10:

SAMPLE:  
:  
Vial number: 3  
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: 3/23/2020 9:09:24 AM  
Printed by: wet

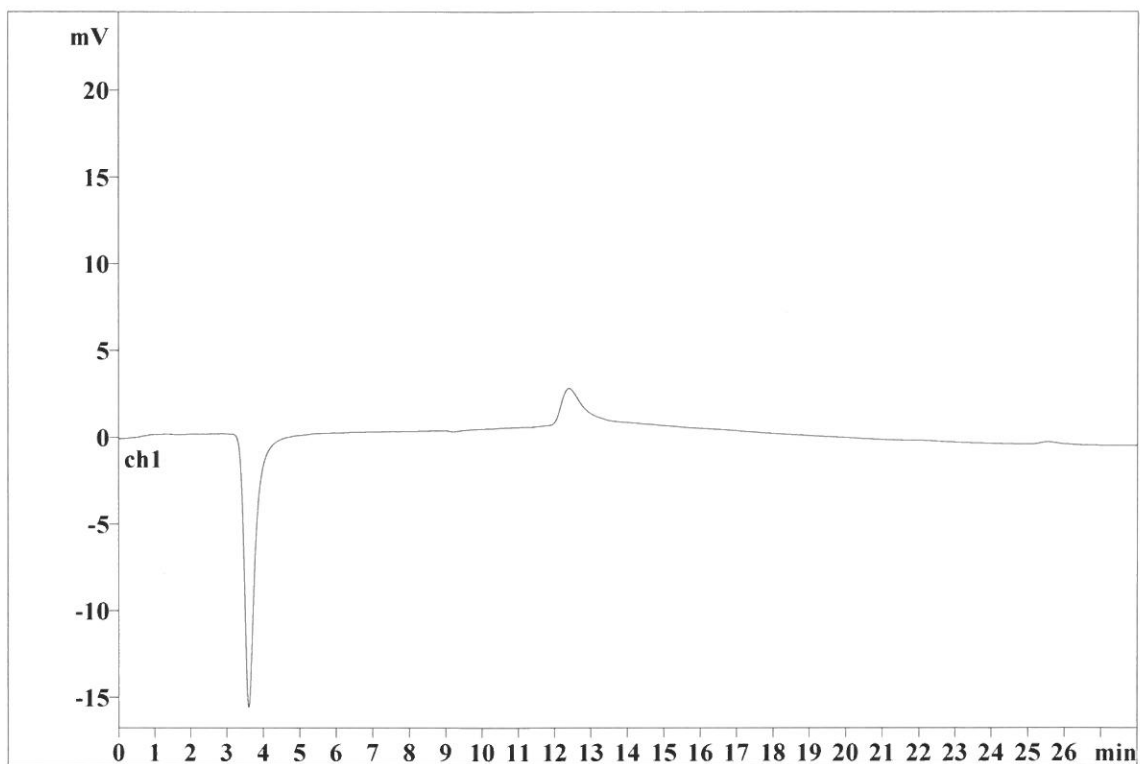
Ident: LB108372BLW  
Analysis from: 3/19/2020 12:34:33 PM  
File: \_2020-03-19\_

Last save: 3/23/2020 9:08:23 AM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24749

Last save: 3/16/2020 2:10:

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



Quantitation method: Custom

No peaks

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 9:11:13 AM  
Printed by: wet

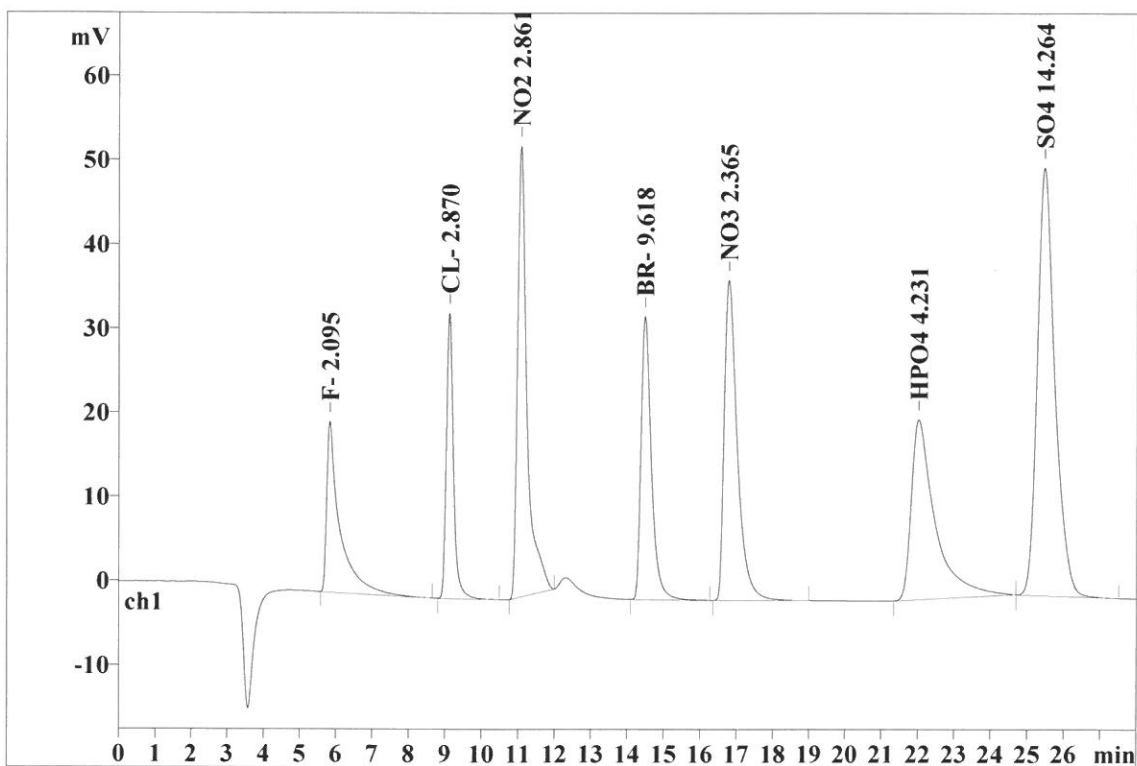
Ident: LB108372BSW  
Analysis from: 3/19/2020 1:05:08 PM  
File: \_2020-03-19\_

Last save: 3/23/2020 9:08:23 AM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24750

Last save: 3/16/2020 2:10:

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  | 5.83             | 0.279          | 20.32        | 8.07        | 508.414        | 8.16      |
| 2  | 9.11             | 0.193          | 33.95        | 13.48       | 452.303        | 7.26      |
| 3  | 11.06            | 0.248          | 53.61        | 21.29       | 983.196        | 15.77     |
| 4  | 14.47            | 0.292          | 33.66        | 13.37       | 668.202        | 10.72     |
| 5  | 16.77            | 0.363          | 38.03        | 15.10       | 942.289        | 15.11     |
| 6  | 22.02            | 0.607          | 21.38        | 8.49        | 974.660        | 15.63     |
| 7  | 25.45            | 0.497          | 50.85        | 20.20       | 1705.215       | 27.35     |
| 7  | 28.00            | 0.354          | 251.80       | 100.00      | 6234.278       | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 9:11:25 AM  
Printed by: wet

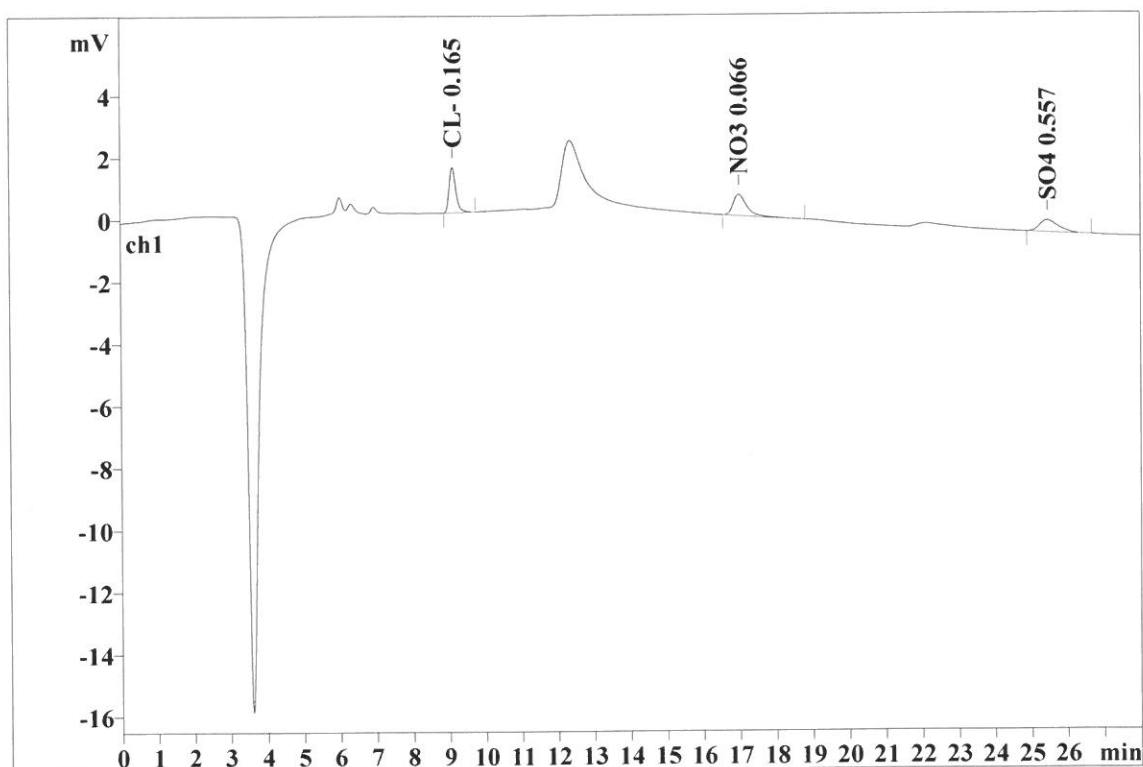
Ident: L1982-01  
Analysis from: 3/19/2020 1:35:43 PM  
File: \_2020-03-19\_

Last save: 3/19/2020 2:03:43 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24751

Last save: 3/16/2020 2:10:

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  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 2  | 9.10             | 0.194          | 1.47         | 57.68       | 19.180         | 37.21     |
| 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  | 17.00            | 0.380          | 0.68         | 26.95       | 18.244         | 35.39     |
| 6  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 7  | 25.47            | 0.556          | 0.38         | 15.12       | 14.127         | 27.40     |
| 7  | 28.00            | 0.161          | 2.53         | 99.74       | 51.550         | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 9:11:35 AM  
Printed by: wet

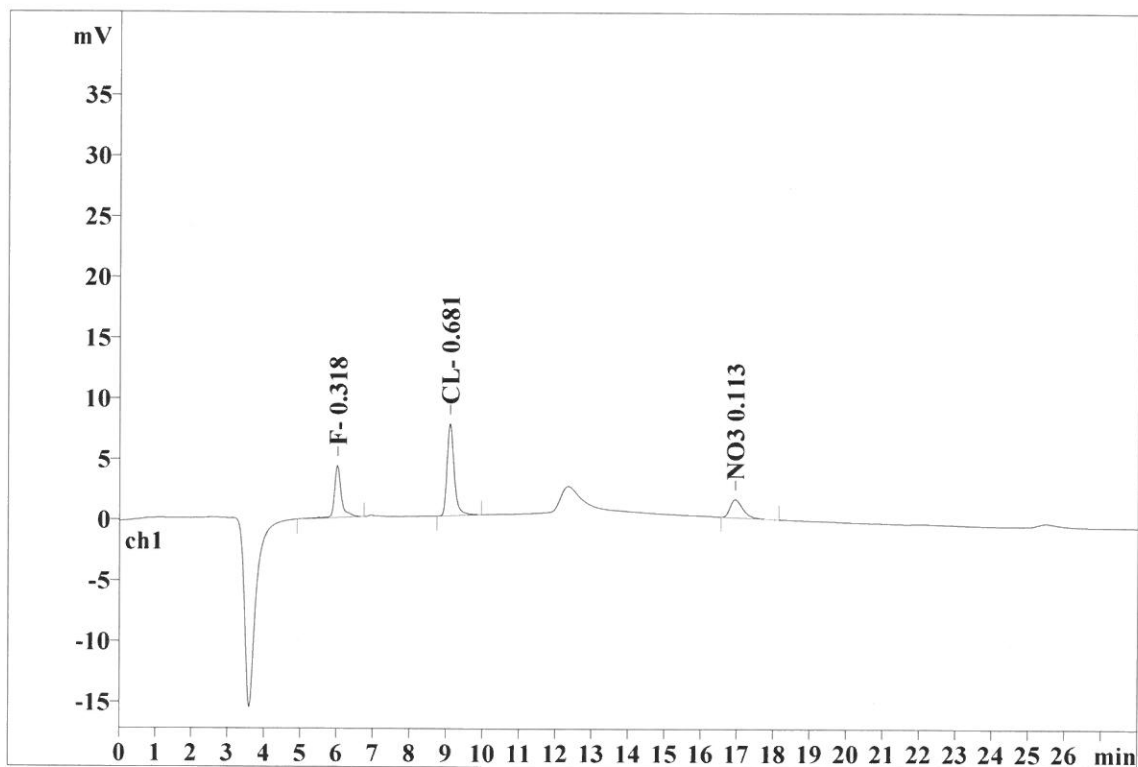
Ident: L1982-02  
Analysis from: 3/19/2020 2:06:19 PM  
File: \_2020-03-19\_

Last save: 3/19/2020 2:34:19 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24752

Last save: 3/16/2020 2:10:

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  | 6.01             | 0.174          | 4.29         | 32.07       | 56.328         | 28.84     |
| 2  | 9.08             | 0.196          | 7.58         | 56.69       | 101.815        | 52.13     |
| 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  | 16.94            | 0.371          | 1.50         | 11.22       | 37.175         | 19.03     |
| 6  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 7  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 7  | 28.00            | 0.106          | 13.36        | 99.98       | 195.319        | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 9:11:55 AM  
Printed by: wet

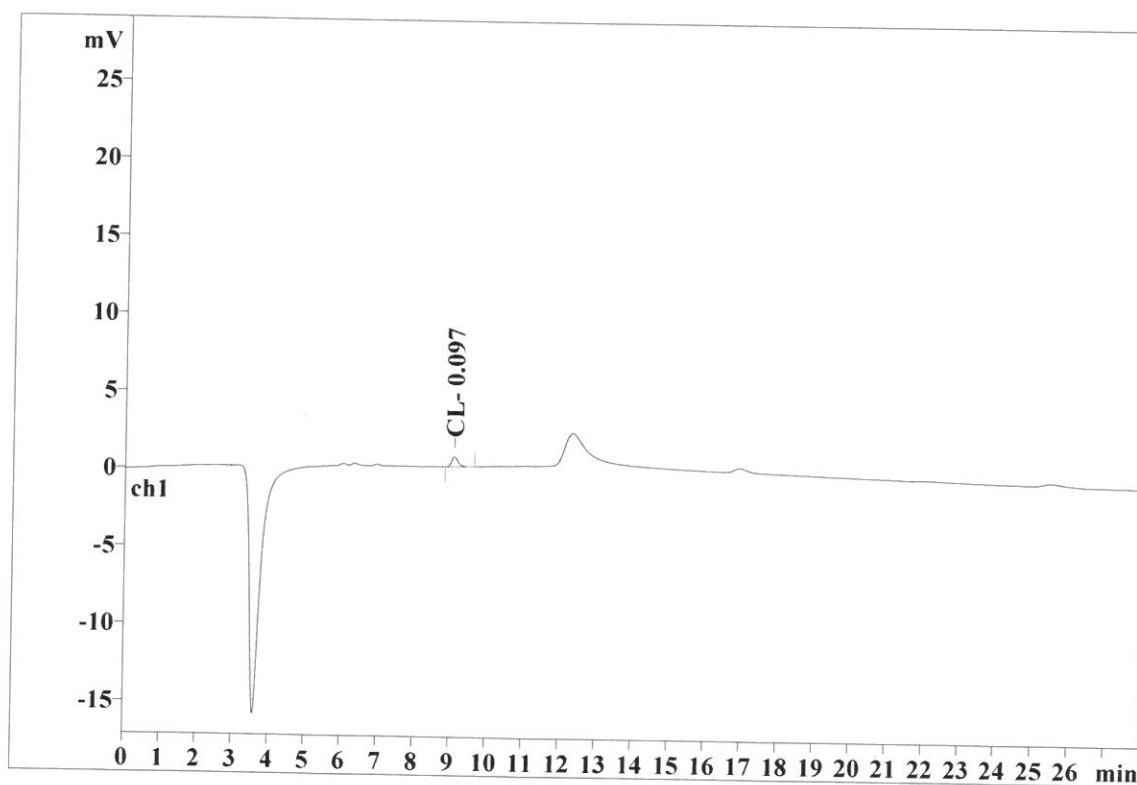
Ident: L1982-03DUP  
Analysis from: 3/19/2020 3:07:29 PM  
File: \_2020-03-19\_

Last save: 3/19/2020 3:35:29 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24754

Last save: 3/16/2020 2:10:

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  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 2  | 9.07             | 0.190          | 0.65         | 99.64       | 8.215          | 100.00    |
| 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  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 6  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 7  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 7  | 28.00            | 0.027          | 0.65         | 99.64       | 8.215          | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 9:11:45 AM  
Printed by: wet

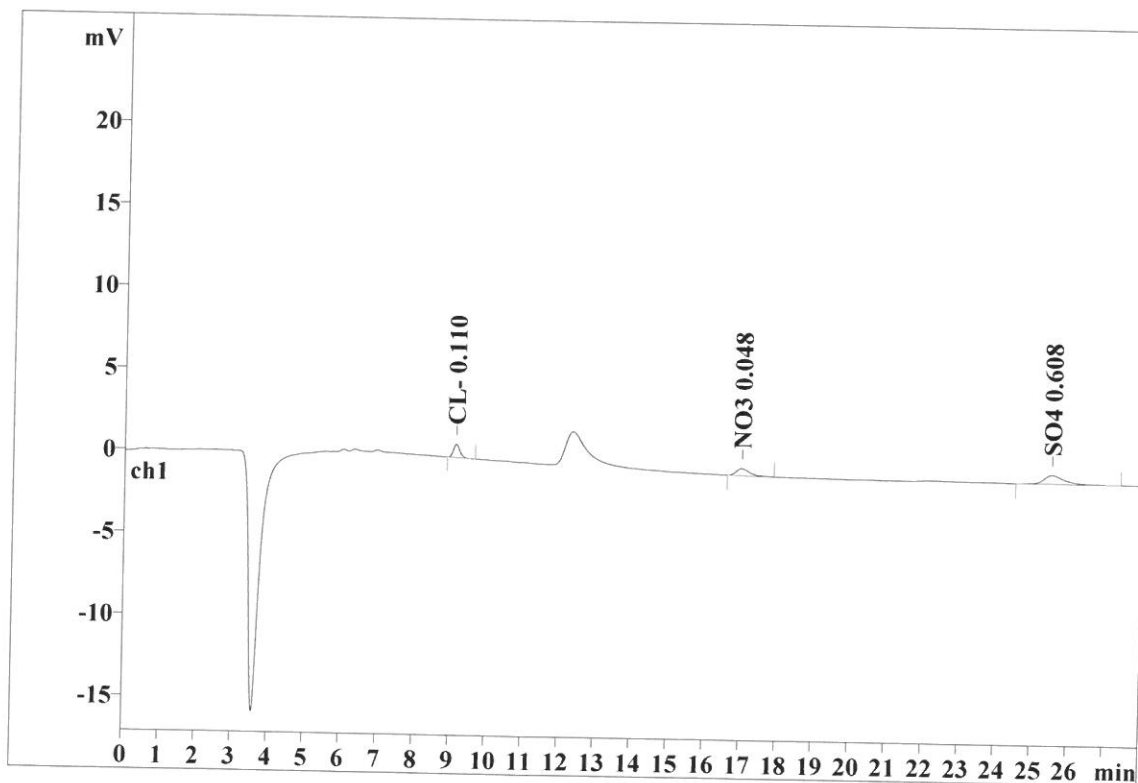
Ident: L1982-03  
Analysis from: 3/19/2020 2:36:53 PM  
File: \_2020-03-19\_

Last save: 3/19/2020 3:04:54 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24753

Last save: 3/16/2020 2:10:

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  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 2  | 9.10             | 0.193          | 0.81         | 45.49       | 10.213         | 24.68     |
| 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  | 16.98            | 0.380          | 0.43         | 24.13       | 10.841         | 26.19     |
| 6  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 7  | 25.52            | 0.553          | 0.53         | 30.07       | 20.335         | 49.13     |
| 7  | 28.00            | 0.161          | 1.77         | 99.69       | 41.389         | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 9:14:46 AM  
Printed by: wet

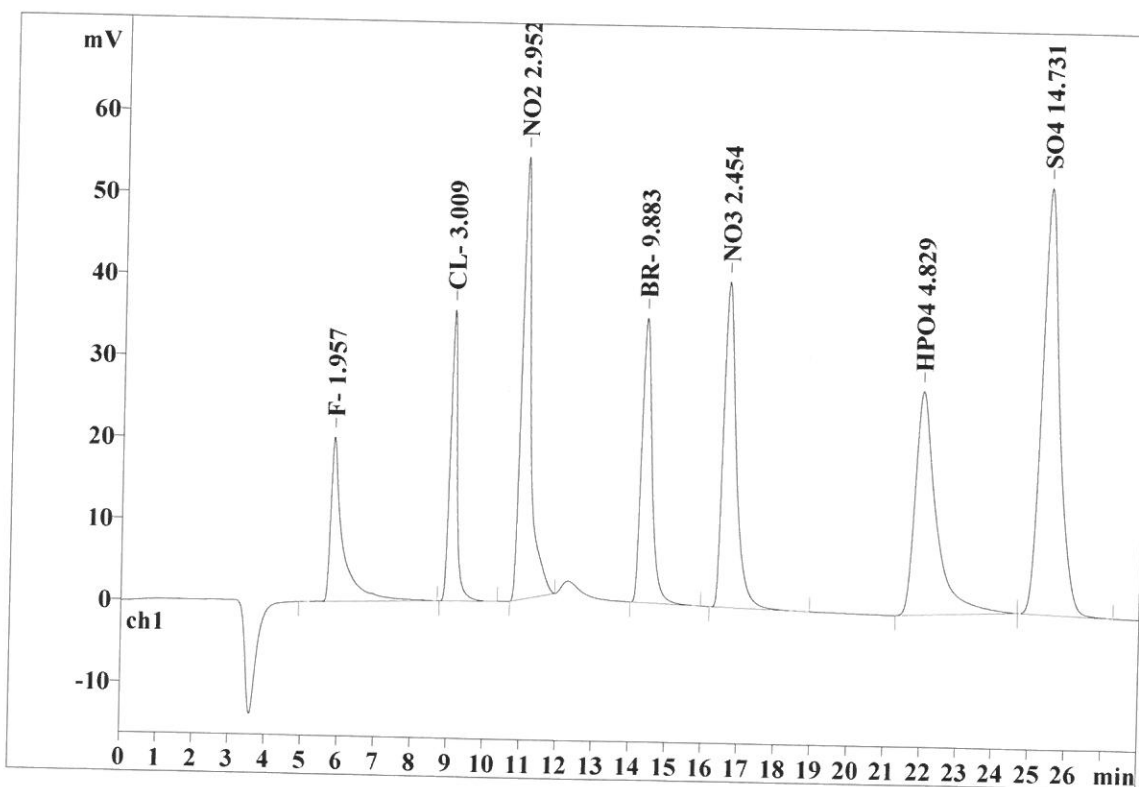
Ident: L1982-03MS  
Analysis from: 3/19/2020 3:38:04 PM  
File: \_2020-03-19\_

Last save: 3/19/2020 4:06:04 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24755

Last save: 3/16/2020 2:10:

SAMPLE:  
: AM/AP  
Vial number: 10  
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  | 5.82             | 0.264          | 20.11        | 7.61        | 473.451        | 7.28      |
| 2  | 9.06             | 0.193          | 35.65        | 13.49       | 474.704        | 7.30      |
| 3  | 11.00            | 0.255          | 54.20        | 20.51       | 1015.546       | 15.61     |
| 4  | 14.35            | 0.291          | 34.83        | 13.18       | 687.139        | 10.56     |
| 5  | 16.61            | 0.362          | 39.81        | 15.07       | 978.108        | 15.03     |
| 6  | 21.97            | 0.554          | 27.37        | 10.36       | 1115.104       | 17.14     |
| 7  | 25.42            | 0.499          | 52.22        | 19.77       | 1762.889       | 27.09     |
| 7  | 28.00            | 0.346          | 264.19       | 100.00      | 6506.941       | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 9:21:18 AM  
Printed by: wet

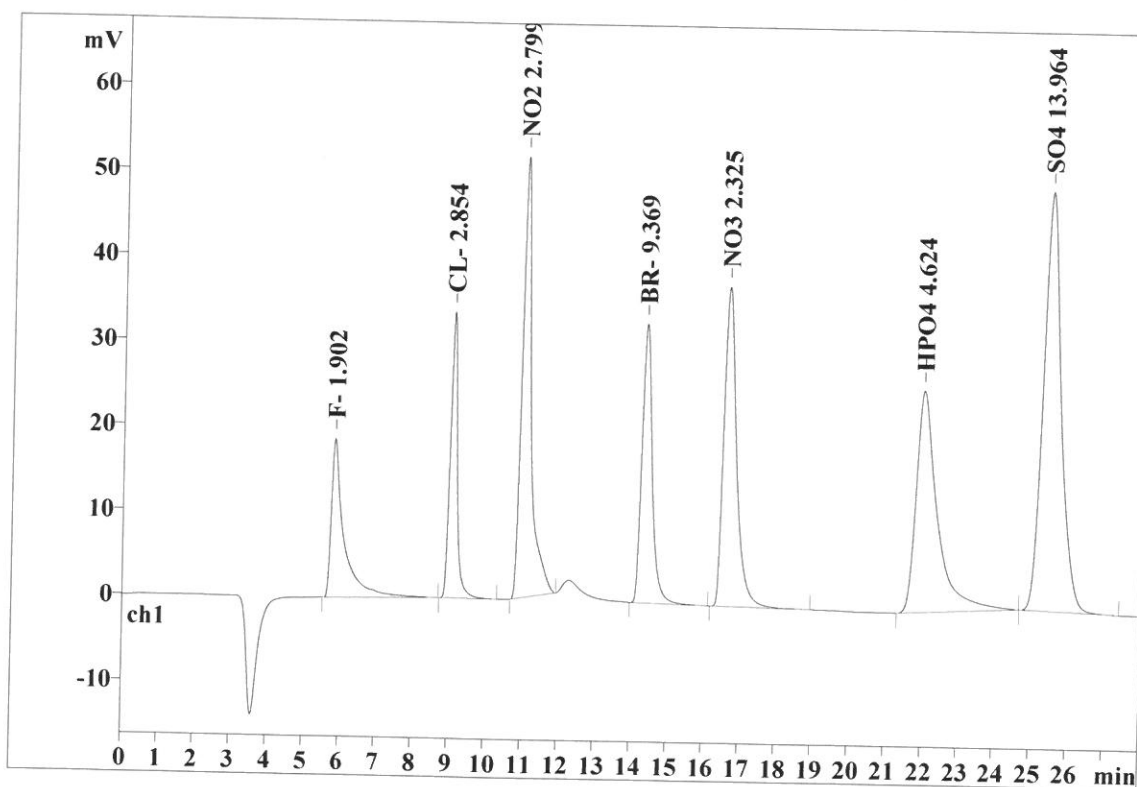
Ident: L1982-03MSD  
Analysis from: 3/19/2020 4:08:39 PM  
File: \_2020-03-19\_

Last save: 3/23/2020 9:19:43 AM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24756

Last save: 3/16/2020 2:10:

SAMPLE:  
: AM/AP  
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  | 5.83             | 0.285          | 18.63        | 7.47        | 459.458        | 7.43      |
| 2  | 9.06             | 0.194          | 33.57        | 13.46       | 449.832        | 7.28      |
| 3  | 11.00            | 0.252          | 51.77        | 20.76       | 961.072        | 15.55     |
| 4  | 14.35            | 0.293          | 32.76        | 13.13       | 650.389        | 10.52     |
| 5  | 16.62            | 0.363          | 37.53        | 15.04       | 926.079        | 14.98     |
| 6  | 21.99            | 0.557          | 25.99        | 10.42       | 1066.843       | 17.26     |
| 7  | 25.45            | 0.502          | 49.18        | 19.72       | 1668.245       | 26.99     |
| 7  | 28.00            | 0.349          | 249.45       | 100.00      | 6181.918       | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 9:23:00 AM  
Printed by: wet

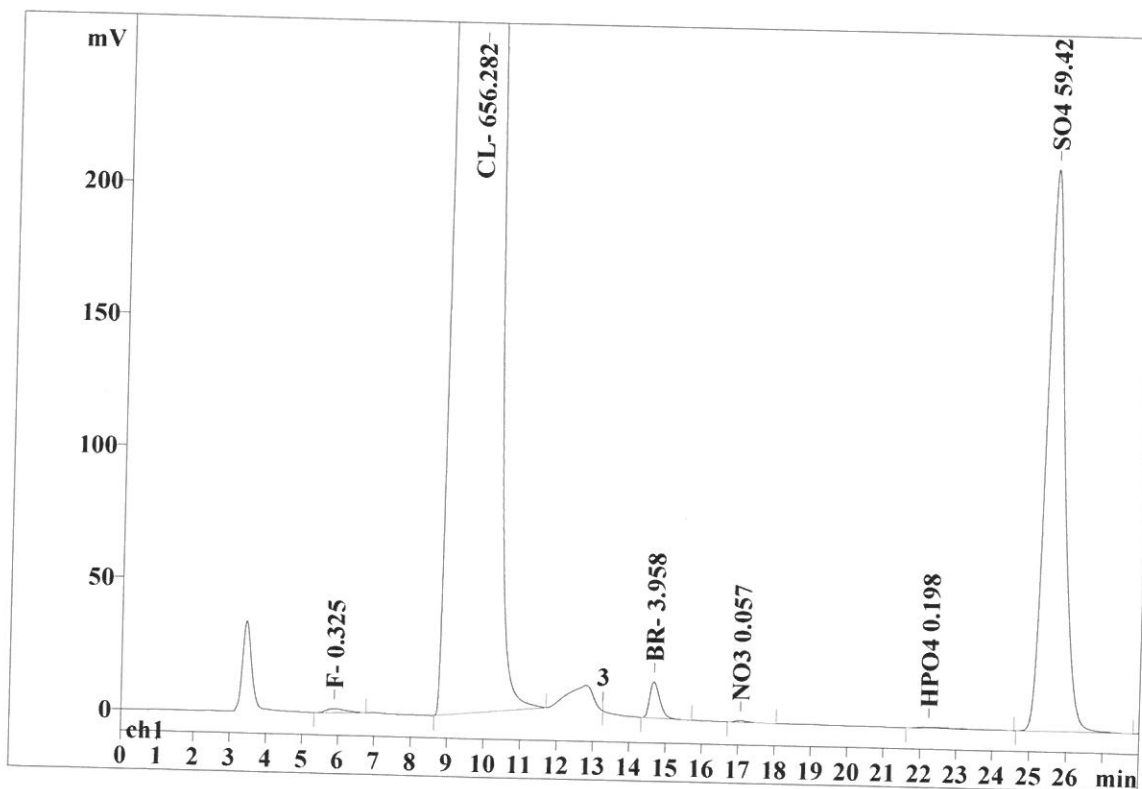
Ident: L1981-08  
Analysis from: 3/19/2020 4:39:16 PM  
File: \_2020-03-19\_

Last save: 3/19/2020 5:07:16 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24757

Last save: 3/16/2020 2:10:

SAMPLE:  
:  
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  | 5.89             | 0.611          | 1.52         | 0.08        | 58.119         | 0.05      |
| 2  | 9.66             | 1.015          | 1678.57      | 88.01       | 105112.927     | 93.22     |
| 3  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 4  | 14.66            | 0.296          | 13.64        | 0.72        | 263.307        | 0.23      |
| 5  | 17.05            | 0.364          | 0.60         | 0.03        | 14.477         | 0.01      |
| 6  | 22.23            | 0.851          | 0.43         | 0.02        | 27.295         | 0.02      |
| 7  | 25.47            | 0.515          | 212.46       | 11.14       | 7277.380       | 6.45      |
| 7  | 28.00            | 0.522          | 1907.23      | 100.00      | 112753.506     | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 9:23:10 AM  
Printed by: wet

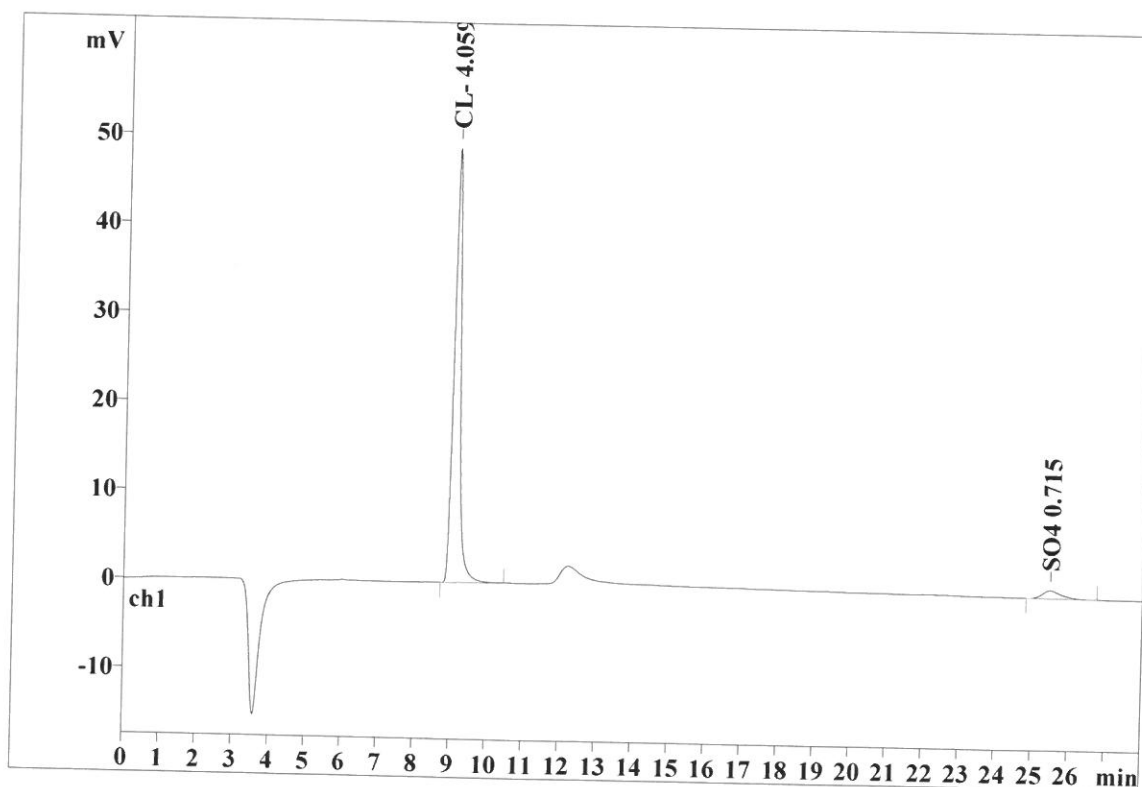
Ident: L1981-08DLX200  
Analysis from: 3/19/2020 5:40:27 PM  
File: \_2020-03-19\_

Last save: 3/19/2020 6:08:27 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24759

Last save: 3/16/2020 2:10:

SAMPLE:  
:  
Vial number: 16  
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  | 9.05             | 0.191          | 48.79        | 98.14       | 642.884        | 95.04     |
| 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  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 6  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 7  | 25.49            | 0.539          | 0.93         | 1.86        | 33.529         | 4.96      |
| 7  | 28.00            | 0.104          | 49.72        | 100.00      | 676.413        | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 9:23:19 AM  
Printed by: wet

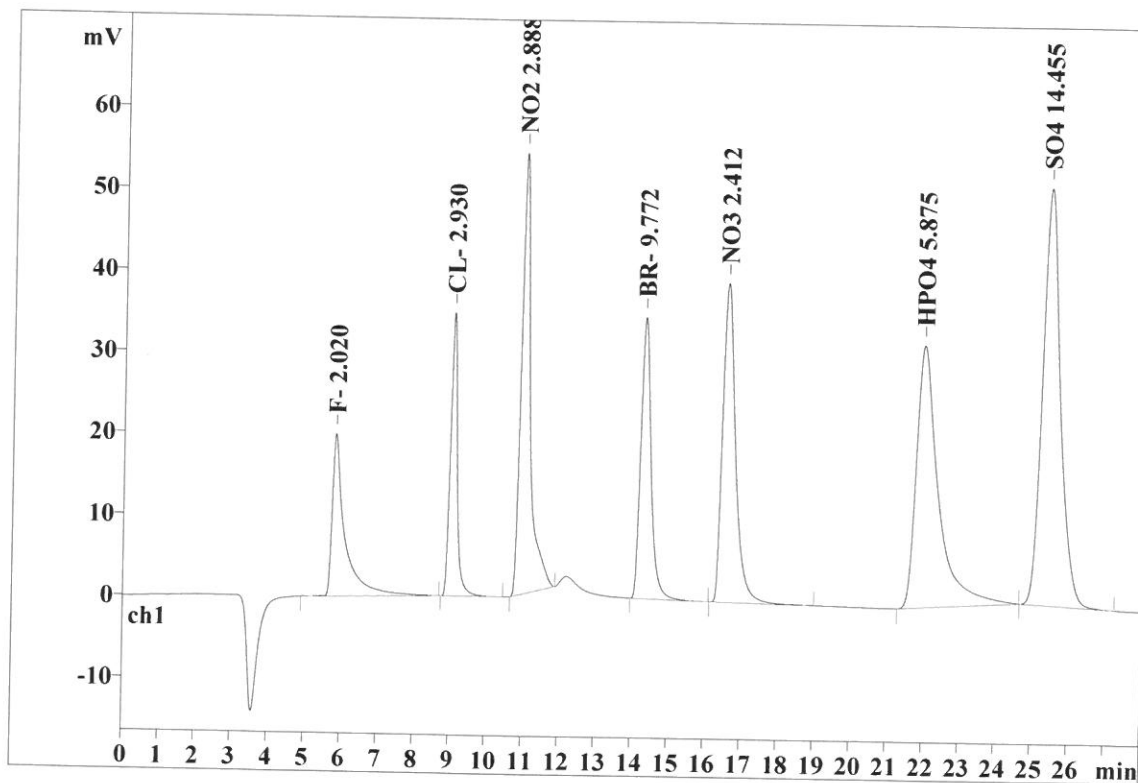
Ident: CCV  
Analysis from: 3/19/2020 6:11:08 PM  
File: \_2020-03-19\_

Last save: 3/19/2020 6:39:09 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24760

Last save: 3/16/2020 2:10:

SAMPLE:  
: AM/AP  
Vial number: 2  
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  | 5.82             | 0.279          | 19.92        | 7.50        | 489.414        | 7.33      |
| 2  | 9.04             | 0.193          | 34.72        | 13.08       | 461.946        | 6.92      |
| 3  | 10.96            | 0.251          | 54.07        | 20.37       | 992.661        | 14.87     |
| 4  | 14.30            | 0.291          | 34.48        | 12.99       | 679.233        | 10.18     |
| 5  | 16.55            | 0.361          | 39.10        | 14.73       | 961.162        | 14.40     |
| 6  | 21.96            | 0.575          | 32.09        | 12.09       | 1360.840       | 20.39     |
| 7  | 25.41            | 0.501          | 51.12        | 19.25       | 1728.794       | 25.90     |
| 7  | 28.00            | 0.350          | 265.51       | 100.00      | 6674.050       | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 3/23/2020 9:24:13 AM  
Printed by: wet

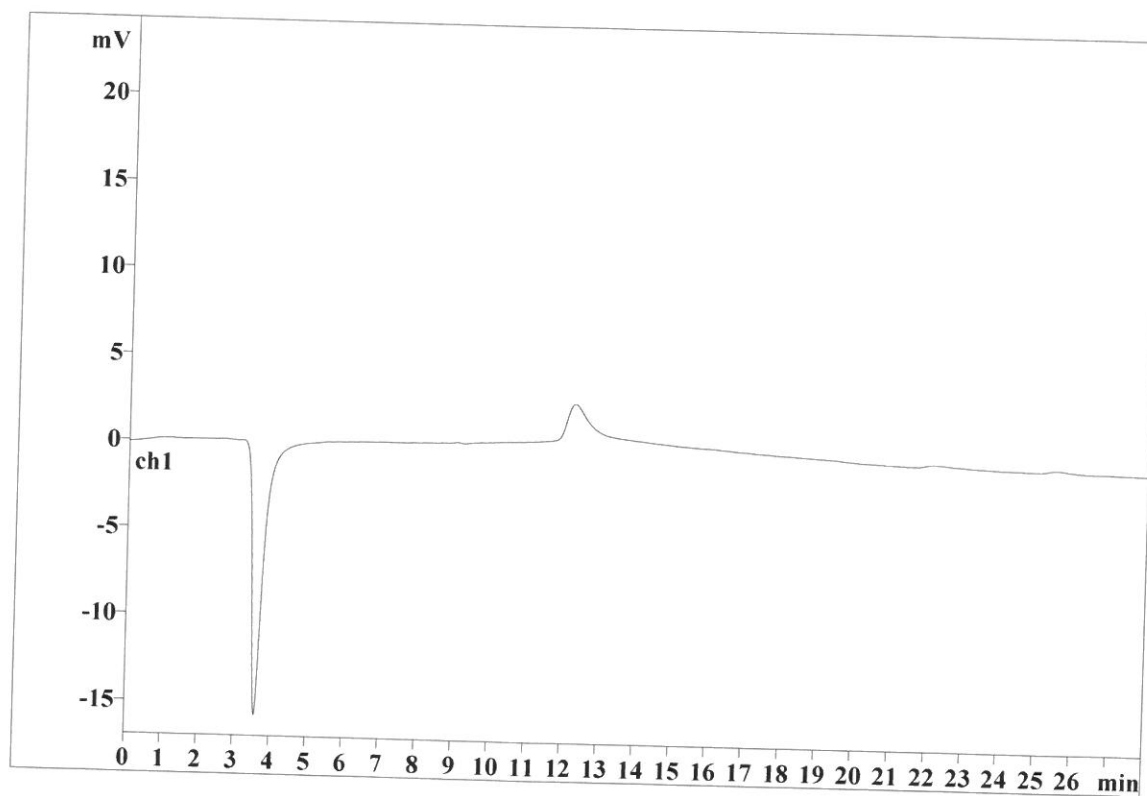
Ident: CCB  
Analysis from: 3/19/2020 6:41:44 PM  
File: \_2020-03-19\_

Last save: 3/19/2020 7:09:44 PM

Method: AnionsIC2-031620.mtw  
Run operator: wet  
Analysis number: 24761

Last save: 3/16/2020 2:10:

SAMPLE:  
: AM/AP  
Vial number: 3  
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