

IC-1  
300.0  
10/02/2020  
AM

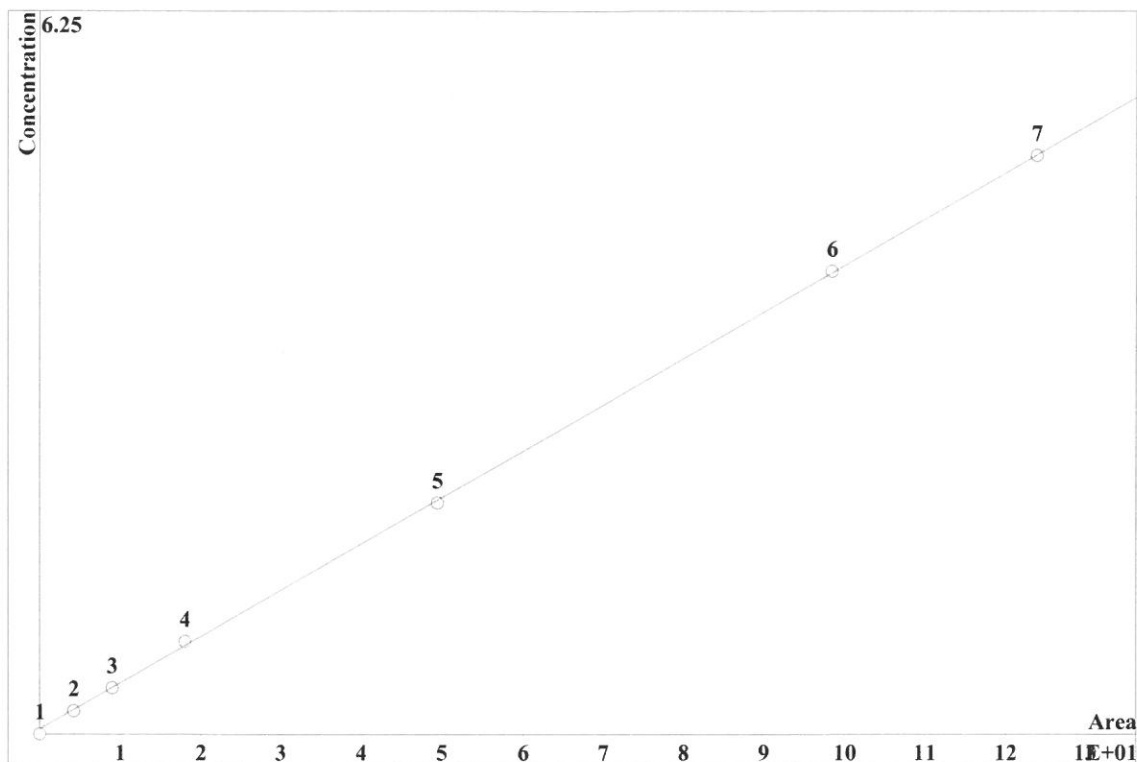
Clear table

| 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<br>wt/ Final<br>Vol | Analyst |
|-------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------|---------------|-----------------------------|---------|
| STD1        | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-09-22_ | 9/22/20 17:12 |                             | AM/AP   |
| STD2        | 0.2140               | 0.3330                | 0.3490                | 1.0830                | 0.2820                | 0.2120                 | 1.8440                | 2020-09-22_ | 9/22/20 18:16 |                             | AM/AP   |
| STD3        | 0.4040               | 0.6100                | 0.6250                | 2.0220                | 0.5180                | 0.9540                 | 3.1420                | 2020-09-22_ | 9/22/20 18:48 |                             | AM/AP   |
| STD4        | 0.7660               | 1.1970                | 1.1860                | 3.8910                | 0.9880                | 2.1790                 | 6.4230                | 2020-09-22_ | 9/22/20 19:19 |                             | AM/AP   |
| STD5        | 2.0250               | 2.9200                | 2.9030                | 9.9530                | 2.4440                | 5.2910                 | 14.2330               | 2020-09-22_ | 9/22/20 19:51 |                             | AM/AP   |
| STD6        | 3.9850               | 6.0560                | 6.0120                | 20.1050               | 4.9870                | 10.0670                | 28.7290               | 2020-09-22_ | 9/22/20 20:23 |                             | AM/AP   |
| STD7        | 5.0060               | 7.4840                | 7.5260                | 24.9460               | 6.2810                | 12.2970                | 38.6300               | 2020-09-22_ | 9/22/20 20:55 |                             | AM/AP   |
| ICV         | 1.9670               | 2.8760                | 2.8380                | 9.4460                | 2.3750                | 5.0280                 | 13.9690               | 2020-09-22_ | 9/22/20 21:27 |                             | AM/AP   |
| ICB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-09-22_ | 9/22/20 21:59 |                             | AM/AP   |
| CCV         | 1.9380               | 3.0590                | 2.9960                | 10.1650               | 2.5570                | 5.1410                 | 14.9320               | 2020-09-30_ | 9/30/20 15:42 |                             | AM/AP   |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-09-30_ | 9/30/20 16:15 |                             | AM/AP   |
| LB111209BLW | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-09-30_ | 9/30/20 16:48 |                             | AM/AP   |
| LB111209BSW | 1.8760               | 3.1890                | 3.0440                | 10.2090               | 2.5610                | 5.3750                 | 14.9000               | 2020-09-30_ | 9/30/20 17:21 |                             | AM/AP   |
| L4187-01    | 0.0860               | 0.2290                | 0.0000                | 0.0000                | 0.0700                | 0.0000                 | 0.0000                | 2020-09-30_ | 9/30/20 17:54 |                             | AM/AP   |
| L4187-01DUP | 0.0730               | 0.1840                | 0.0000                | 0.0000                | 0.0700                | 0.0000                 | 0.0000                | 2020-09-30_ | 9/30/20 18:26 |                             | AM/AP   |
| L4187-01MS  | 1.8300               | 3.0350                | 2.7780                | 9.5730                | 2.4060                | 4.9580                 | 13.9090               | 2020-09-30_ | 9/30/20 18:59 |                             | AM/AP   |
| L4187-01MSD | 1.8050               | 3.0980                | 2.8250                | 9.5490                | 2.4350                | 4.9510                 | 14.0590               | 2020-09-30_ | 9/30/20 19:32 |                             | AM/AP   |
| CCV         | 1.9020               | 3.0870                | 3.0260                | 10.2510               | 2.5800                | 5.2900                 | 15.0110               | 2020-09-30_ | 9/30/20 20:05 |                             | AM/AP   |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-09-30_ | 9/30/20 20:38 |                             | AM/AP   |

# CALIBRATION OF COMPONENT F-

Method: ANIONS 09-22-20.mtw  
 Equation:  $Q = 0.800849 \cdot A + 0.89239$   
 RSD: 1.147 %  
 Correlation coefficient: 0.999944

IL-1  
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 9/23/2020  
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K3 = 0      K2 = 0      K1 = 0.800849      K0 = 0.89239

Base: Area

Ref.channel: Cond

ISTD:

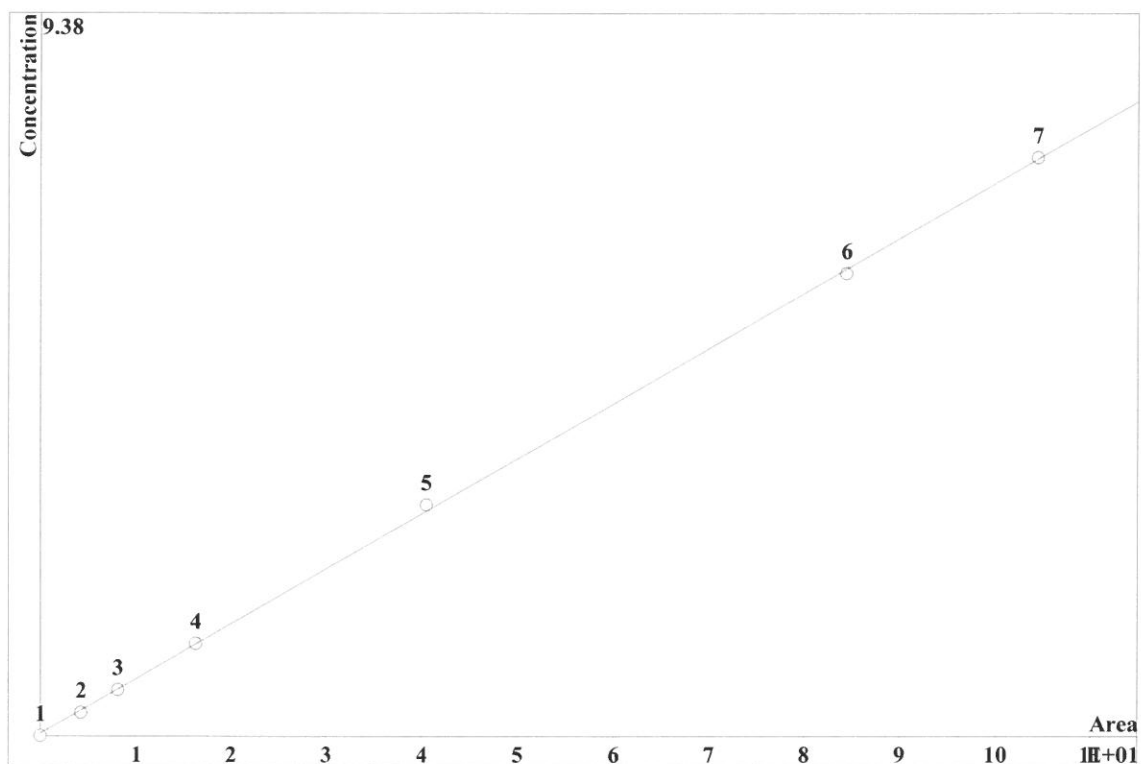
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | No   |
| 2     | 0.3087 | 4.231 | 0.2   | 20      | 5.798     |      | Yes  |
| 3     | 0.625  | 8.984 | 0.4   | 20      | 5.798     |      | Yes  |
| 4     | 1.288  | 18.01 | 0.8   | 20      | 5.798     |      | Yes  |
| 5     | 3.404  | 49.45 | 2     | 20      | 5.798     |      | Yes  |
| 6     | 7.051  | 98.42 | 4     | 20      | 5.798     |      | Yes  |
| 7     | 8.977  | 123.9 | 5     | 20      | 5.718     |      | Yes  |

CALIBRATION OF COMPONENT CL-

Method: ANIONS 09-22-20.mtw  
 Equation:  $Q = 1.42688 \cdot A + 0.641805$   
 RSD: 1.696 %  
 Correlation coefficient: 0.999878



K3 = 0      K2 = 0      K1 = 1.42688      K0 = 0.641805

Base: Area

Ref.Channel: Cond

ISTD:

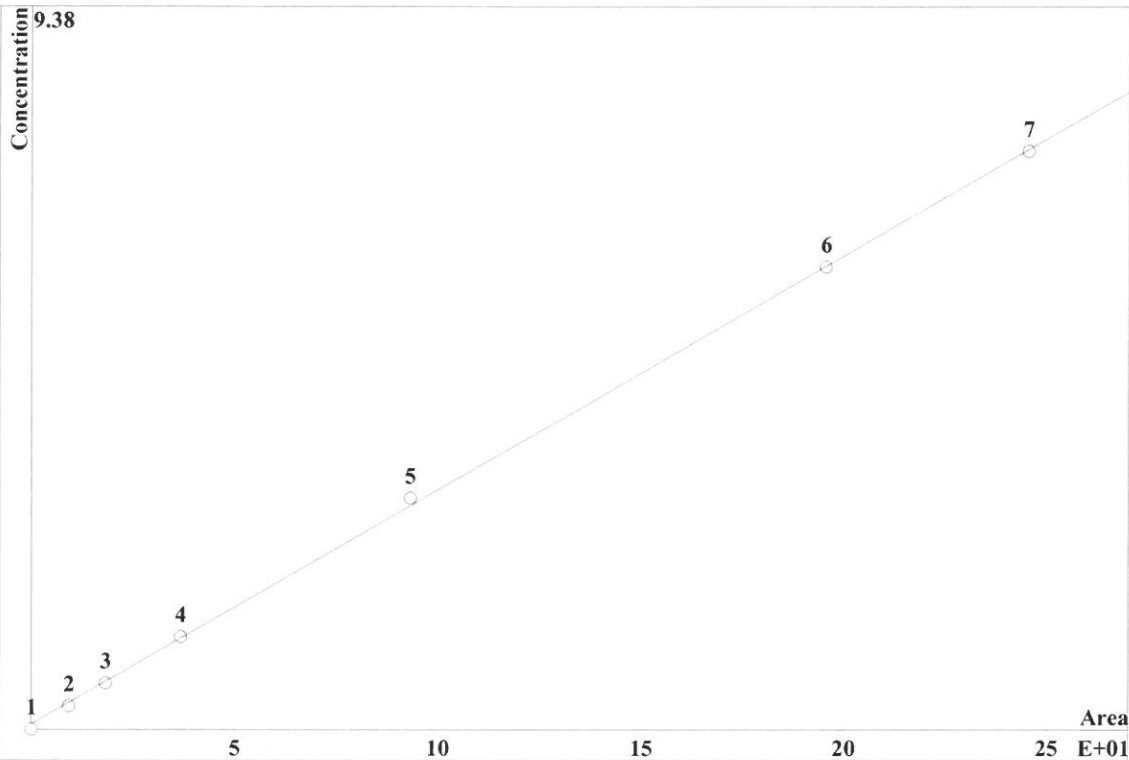
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |     |
|-------|--------|-------|-------|---------|-----------|------|------|-----|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    | No  |
| 2     | 0.2558 | 4.219 | 0.3   | 20      | 9.004     | Yes  |      | Yes |
| 3     | 0.4967 | 8.094 | 0.6   | 20      | 9.004     | Yes  |      | Yes |
| 4     | 0.9865 | 16.33 | 1.2   | 20      | 9.004     | Yes  |      | Yes |
| 5     | 2.53   | 40.47 | 3     | 20      | 9.004     | Yes  |      | Yes |
| 6     | 5.272  | 84.44 | 6     | 20      | 9.004     | Yes  |      | Yes |
| 7     | 6.697  | 104.5 | 7.5   | 20      | 8.798     | Yes  |      | Yes |

CALIBRATION OF COMPONENT NO2

Method: ANIONS 09-22-20.mtw  
Equation: Q = 0.607626·A + 1.37076  
RSD: 1.871 %  
Correlation coefficient: 0.999852

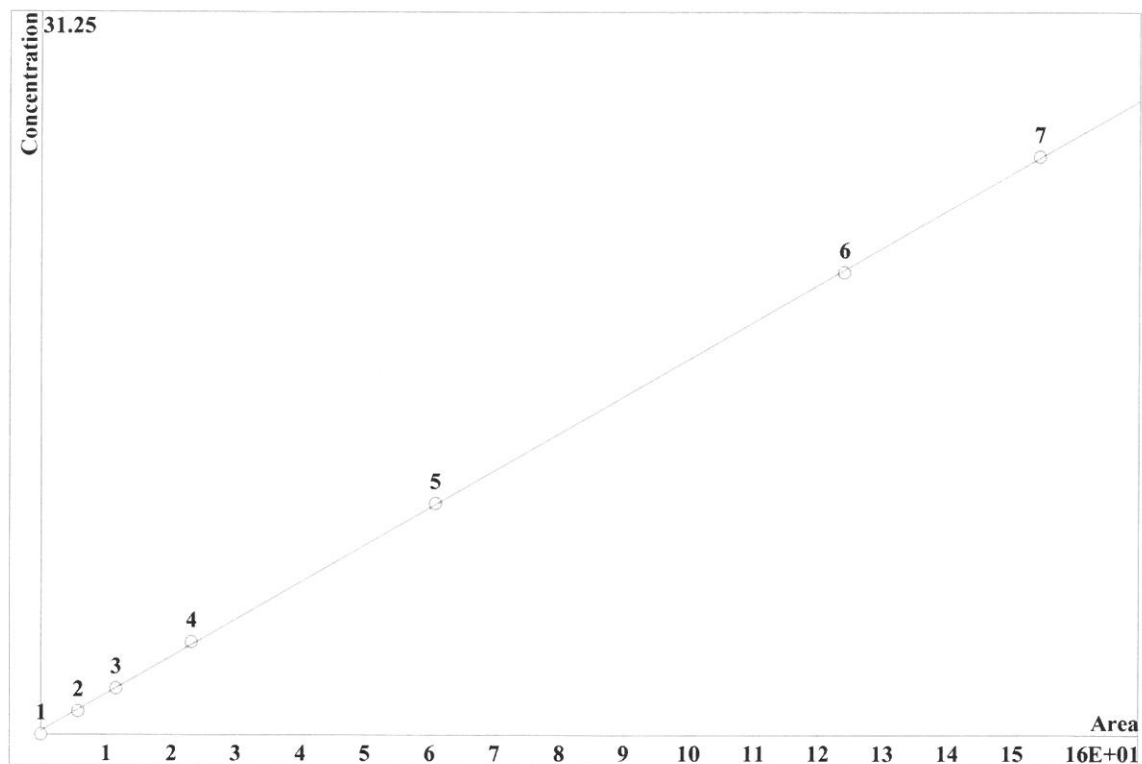


K3 = 0      K2 = 0      K1 = 0.607626      K0 = 1.37076  
Base: Area  
Ref.channel: Cond  
ISTD:  
Formula: Linear  
Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |     |
|-------|--------|-------|-------|---------|-----------|------|------|-----|
| 1     | 0      | 0     | 0     | 0       | 0         |      |      | No  |
| 2     | 0.4701 | 9.22  | 0.3   | 20      | 10.93     |      |      | Yes |
| 3     | 0.9161 | 18.32 | 0.6   | 20      | 10.93     |      |      | Yes |
| 4     | 1.842  | 36.77 | 1.2   | 20      | 10.93     |      |      | Yes |
| 5     | 4.626  | 93.29 | 3     | 20      | 10.93     |      |      | Yes |
| 6     | 9.23   | 195.6 | 6     | 20      | 10.93     |      |      | Yes |
| 7     | 11.71  | 245.5 | 7.5   | 20      | 10.57     |      |      | Yes |

CALIBRATION OF COMPONENT BR-

Method: ANIONS 09-22-20.mtw  
 Equation:  $Q = 3.21651 \cdot A + 3.26744$   
 RSD: 0.910 %  
 Correlation coefficient: 0.999965



K3 = 0      K2 = 0      K1 = 3.21651      K0 = 3.26744

Base: Area

Ref.channel: Cond

ISTD:

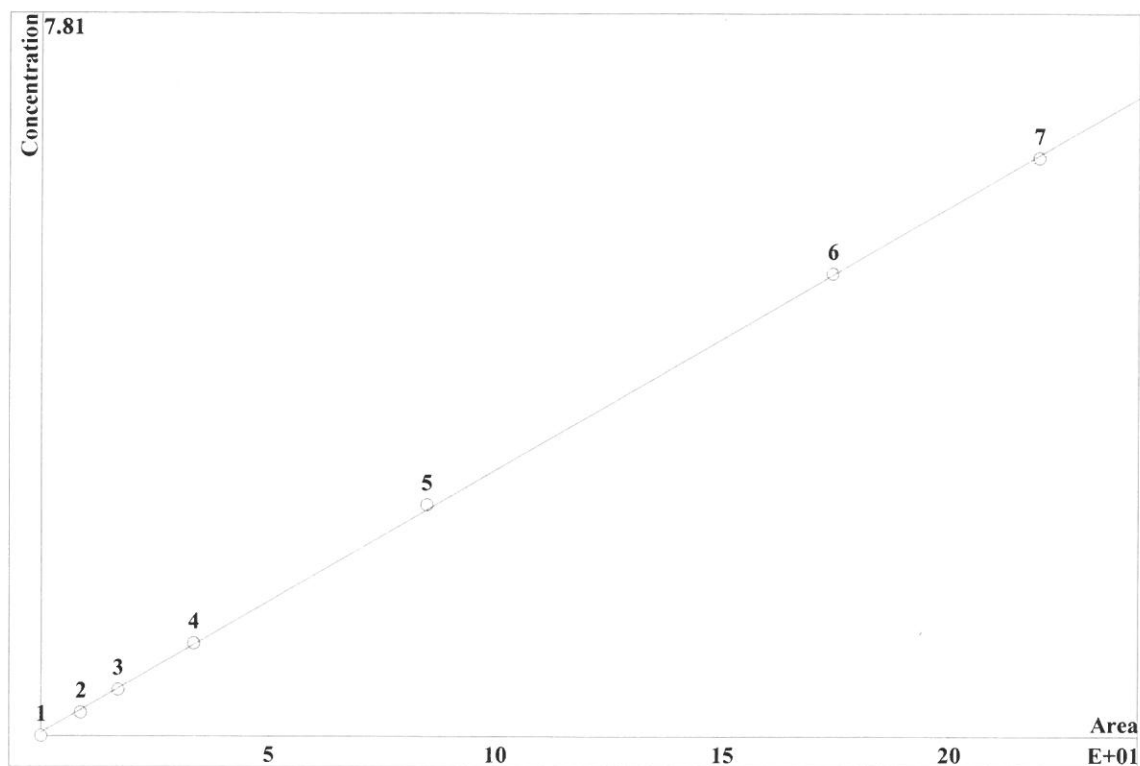
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | No   |
| 2     | 0.2403 | 5.718 | 1     | 20      | 14.19     | Yes  |      |
| 3     | 0.4776 | 11.56 | 2     | 20      | 14.19     | Yes  |      |
| 4     | 0.9705 | 23.18 | 4     | 20      | 14.19     | Yes  |      |
| 5     | 2.538  | 60.87 | 10    | 20      | 14.19     | Yes  |      |
| 6     | 5.33   | 124   | 20    | 20      | 14.19     | Yes  |      |
| 7     | 6.825  | 154.1 | 25    | 20      | 13.6      | Yes  |      |

CALIBRATION OF COMPONENT NO3

Method: ANIONS 09-22-20.mtw  
 Equation:  $Q = 0.568419 \cdot A + 0.724551$   
 RSD: 1.465 %  
 Correlation coefficient: 0.999909



K3 = 0      K2 = 0      K1 = 0.568419      K0 = 0.724551

Base: Area

Ref.channel: Cond

ISTD:

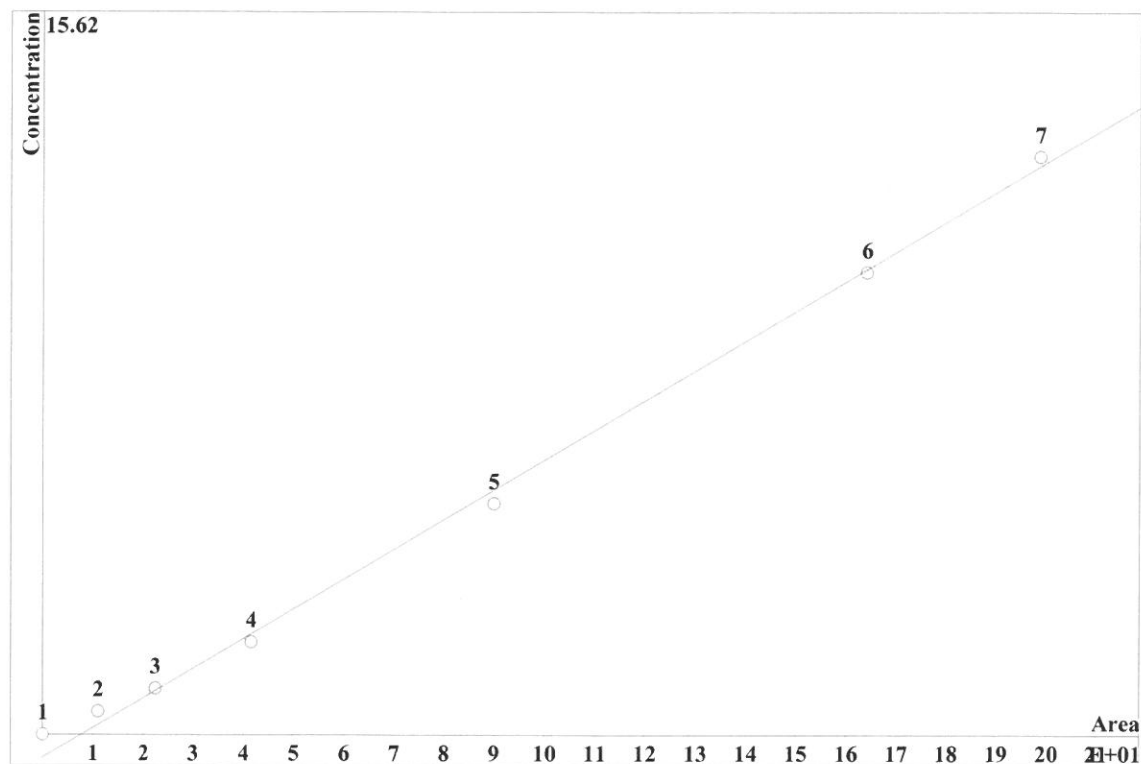
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | No   |
| 2     | 0.2894 | 8.644 | 0.25  | 20      | 16.5      |      | Yes  |
| 3     | 0.5606 | 16.96 | 0.5   | 20      | 16.5      |      | Yes  |
| 4     | 1.122  | 33.47 | 1     | 20      | 16.5      |      | Yes  |
| 5     | 2.867  | 84.73 | 2.5   | 20      | 16.5      |      | Yes  |
| 6     | 5.927  | 174.2 | 5     | 20      | 16.5      |      | Yes  |
| 7     | 7.603  | 219.7 | 6.25  | 20      | 15.54     |      | Yes  |

## CALIBRATION OF COMPONENT HPO4

Method: ANIONS 09-22-20.mtw  
 Equation:  $Q = 1.28744 \cdot A - 9.89875$   
 RSD: 4.818 %  
 Correlation coefficient: 0.999019



K3 = 0      K2 = 0      K1 = 1.28744      K0 = -9.89875

Base: Area

Ref.channel: Cond

ISTD:

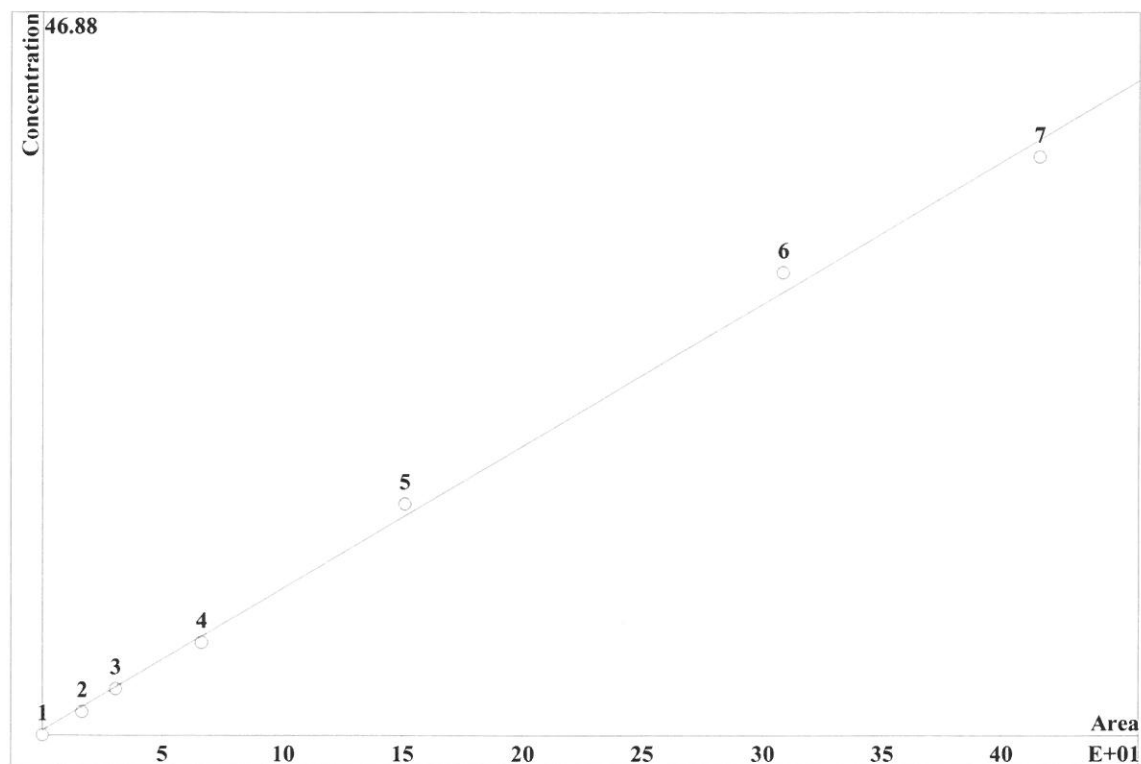
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | No   |
| 2     | 0.2024 | 10.98 | 0.5   | 20      | 21.83     |      | Yes  |
| 3     | 0.4352 | 22.51 | 1     | 20      | 21.83     |      | Yes  |
| 4     | 0.8475 | 41.54 | 2     | 20      | 21.83     |      | Yes  |
| 5     | 1.938  | 89.88 | 5     | 20      | 21.83     |      | Yes  |
| 6     | 3.65   | 164.1 | 10    | 20      | 21.83     |      | Yes  |
| 7     | 4.582  | 198.7 | 12.5  | 20      | 21.75     |      | Yes  |

## CALIBRATION OF COMPONENT SO4

Method: ANIONS 09-22-20.mtw  
 Equation:  $Q = 1.84331 \cdot A + 6.47641$   
 RSD: 6.287 %  
 Correlation coefficient: 0.998328



K3 = 0      K2 = 0      K1 = 1.84331      K0 = 6.47641

Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | No   |
| 2     | 0.3653 | 16.49 | 1.5   | 20      | 25.33     |      | Yes  |
| 3     | 0.6989 | 30.58 | 3     | 20      | 25.33     |      | Yes  |
| 4     | 1.402  | 66.17 | 6     | 20      | 25.33     |      | Yes  |
| 5     | 3.568  | 150.9 | 15    | 20      | 25.33     |      | Yes  |
| 6     | 7.381  | 308.2 | 30    | 20      | 25.33     |      | Yes  |
| 7     | 9.513  | 415.6 | 37.5  | 20      | 25.43     |      | Yes  |



Report date: 9/23/2020 8:10:57 AM  
Printed by: wet

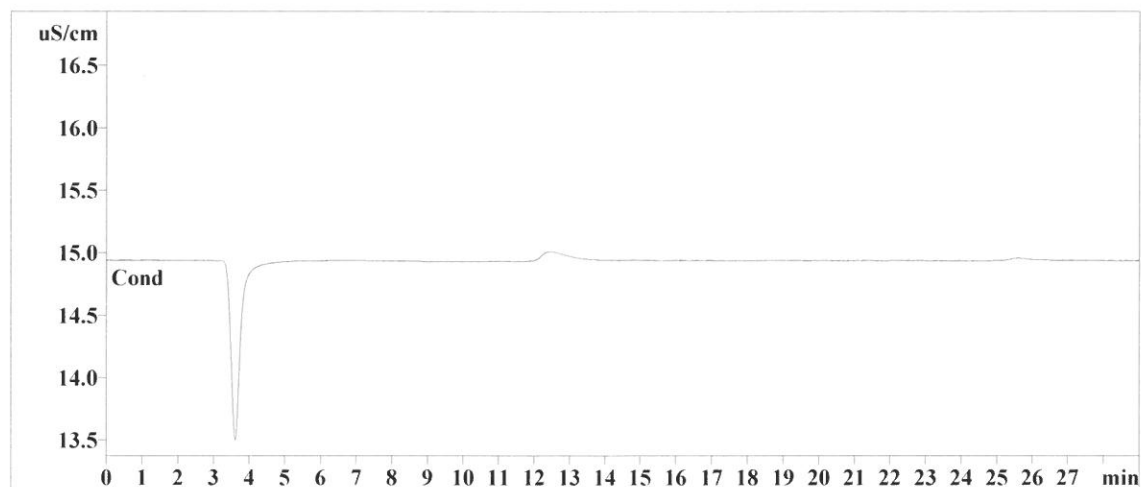
Ident: STD1  
Analysis from: 9/22/2020 5:12:18 PM  
File: \_2020-09-22\_

Last save: 9/23/2020 8:08:30 AM

Method: ANIONS 09-22-20.mtw  
Run operator: wet  
Analysis number: 71539

Last save: 9/22/2020 9:01:42 AM

SAMPLE:  
: AM/AP  
Vial number: 1  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

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Report date: 9/23/2020 8:11:04 AM  
Printed by: wet

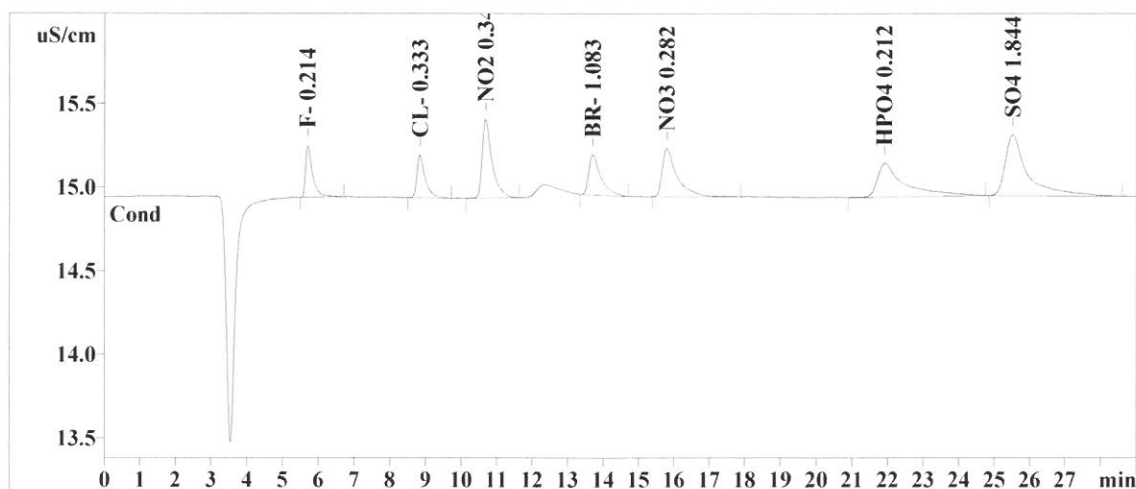
Ident: STD2  
Analysis from: 9/22/2020 6:16:06 PM  
File: \_2020-09-22\_

Last save: 9/23/2020 8:08:30 AM

Method: ANIONS 09-22-20.mtw  
Run operator: wet  
Analysis number: 71541

Last save: 9/22/2020 9:01:42 AM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.71             | 0.186          | 0.31            | 14.47       | 4.231             | 7.11      | 0. |
| 2  | 8.83             | 0.227          | 0.26            | 11.97       | 4.219             | 7.09      | 0. |
| 3  | 10.68            | 0.273          | 0.47            | 22.02       | 9.220             | 15.49     | 0. |
| 4  | 13.70            | 0.326          | 0.24            | 11.23       | 5.718             | 9.61      | 0. |
| 5  | 15.79            | 0.394          | 0.29            | 13.55       | 8.644             | 14.53     | 0. |
| 6  | 21.91            | 0.604          | 0.20            | 9.48        | 10.978            | 18.45     | 0. |
| 7  | 25.51            | 0.530          | 0.37            | 17.13       | 16.491            | 27.71     | 0. |
| 7  | 29.00            | 0.363          | 2.13            | 99.85       | 59.501            | 100.00    | 0. |

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Report date: 9/23/2020 8:11:10 AM  
Printed by: wet

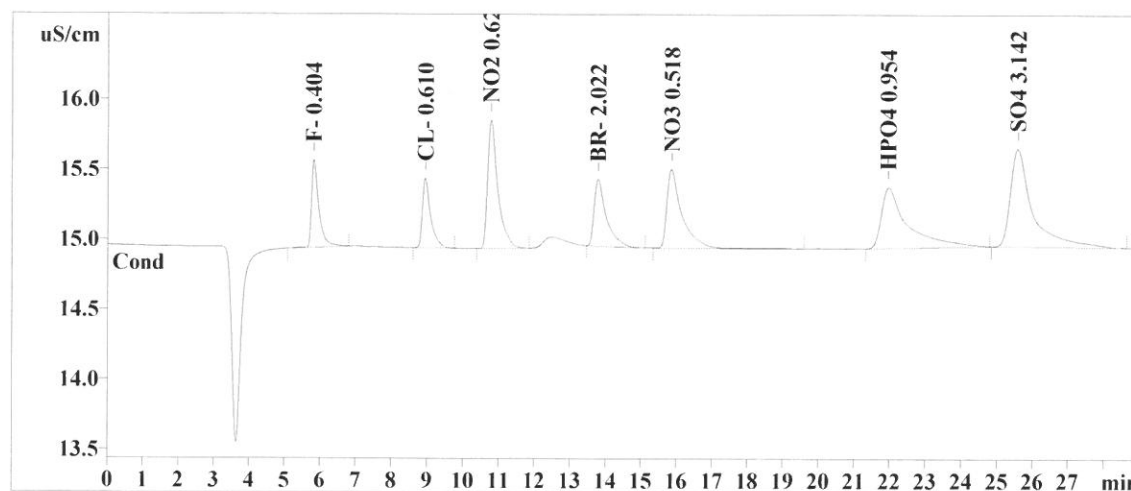
Ident: STD3  
Analysis from: 9/22/2020 6:48:00 PM  
File: \_2020-09-22\_

Last save: 9/23/2020 8:08:30 AM

Method: ANIONS 09-22-20.mtw  
Run operator: wet  
Analysis number: 71542

Last save: 9/22/2020 9:01:42 AM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.82             | 0.195          | 0.63            | 14.85       | 8.984             | 7.68      | 0. |
| 2  | 8.94             | 0.225          | 0.50            | 11.80       | 8.094             | 6.92      | 0. |
| 3  | 10.77            | 0.278          | 0.92            | 21.76       | 18.317            | 15.66     | 0. |
| 4  | 13.78            | 0.326          | 0.48            | 11.33       | 11.560            | 9.88      | 0. |
| 5  | 15.84            | 0.395          | 0.56            | 13.31       | 16.957            | 14.49     | 0. |
| 6  | 21.96            | 0.584          | 0.43            | 10.33       | 22.514            | 19.24     | 0. |
| 7  | 25.57            | 0.525          | 0.70            | 16.57       | 30.578            | 26.13     | 0. |
| 7  | 29.00            | 0.361          | 4.21            | 99.95       | 117.003           | 100.00    | 0. |

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Report date: 9/23/2020 8:11:17 AM  
 Printed by: wet

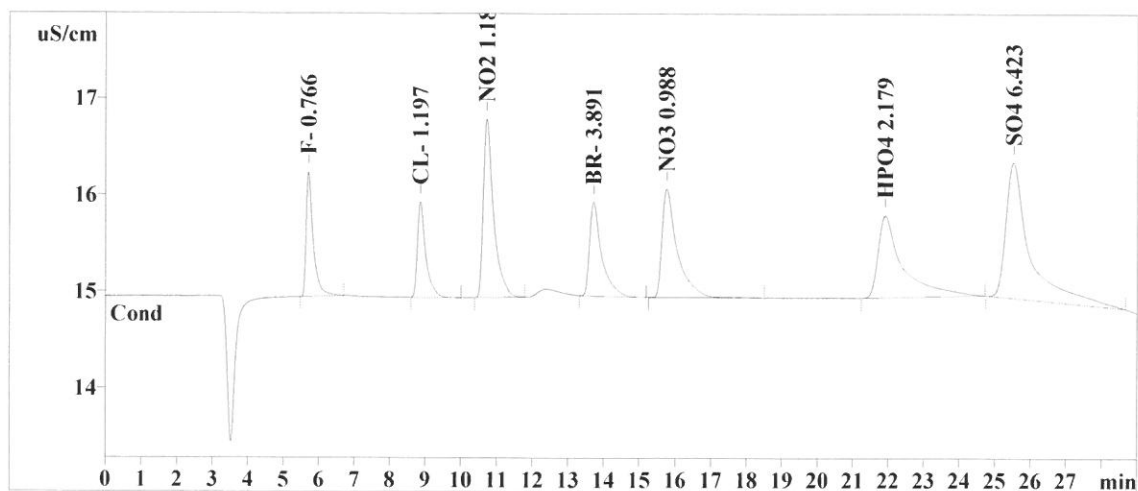
Ident: STD4  
 Analysis from: 9/22/2020 7:19:54 PM  
 File: \_2020-09-22\_

Last save: 9/23/2020 8:08:30 AM

Method: ANIONS 09-22-20.mtw  
 Run operator: wet  
 Analysis number: 71543

Last save: 9/22/2020 9:01:42 AM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.70             | 0.192          | 1.29            | 15.22       | 18.007            | 7.65      | 0. |
| 2  | 8.85             | 0.230          | 0.99            | 11.66       | 16.334            | 6.94      | 0. |
| 3  | 10.72            | 0.280          | 1.84            | 21.78       | 36.771            | 15.62     | 0. |
| 4  | 13.71            | 0.322          | 0.97            | 11.47       | 23.176            | 9.84      | 0. |
| 5  | 15.74            | 0.395          | 1.12            | 13.25       | 33.473            | 14.21     | 0. |
| 6  | 21.91            | 0.559          | 0.85            | 10.02       | 41.541            | 17.64     | 0. |
| 7  | 25.52            | 0.530          | 1.40            | 16.57       | 66.174            | 28.10     | 0. |
| 7  | 29.00            | 0.358          | 8.46            | 99.98       | 235.477           | 100.00    | 0. |

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Report date: 9/23/2020 8:11:24 AM  
 Printed by: wet

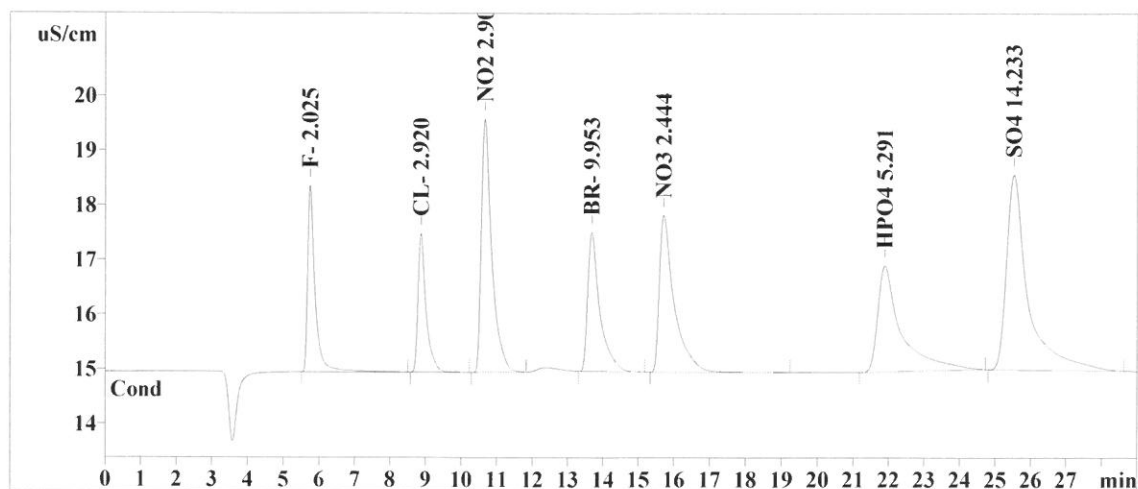
Ident: STD5  
 Analysis from: 9/22/2020 7:51:48 PM  
 File: \_2020-09-22\_

Last save: 9/23/2020 8:08:30 AM

Method: ANIONS 09-22-20.mtw  
 Run operator: wet  
 Analysis number: 71544

Last save: 9/22/2020 9:01:42 AM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.74             | 0.191          | 3.40            | 15.85       | 49.446            | 8.68      | 0. |
| 2  | 8.86             | 0.222          | 2.53            | 11.78       | 40.475            | 7.11      | 0. |
| 3  | 10.66            | 0.286          | 4.63            | 21.54       | 93.290            | 16.38     | 0. |
| 4  | 13.67            | 0.323          | 2.54            | 11.82       | 60.873            | 10.69     | 0. |
| 5  | 15.70            | 0.397          | 2.87            | 13.35       | 84.735            | 14.88     | 0. |
| 6  | 21.89            | 0.536          | 1.94            | 9.03        | 89.884            | 15.78     | 0. |
| 7  | 25.52            | 0.517          | 3.57            | 16.62       | 150.915           | 26.49     | 0. |
| 7  | 29.00            | 0.353          | 21.47           | 99.99       | 569.616           | 100.00    | 0. |

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Report date: 9/23/2020 8:11:30 AM  
 Printed by: wet

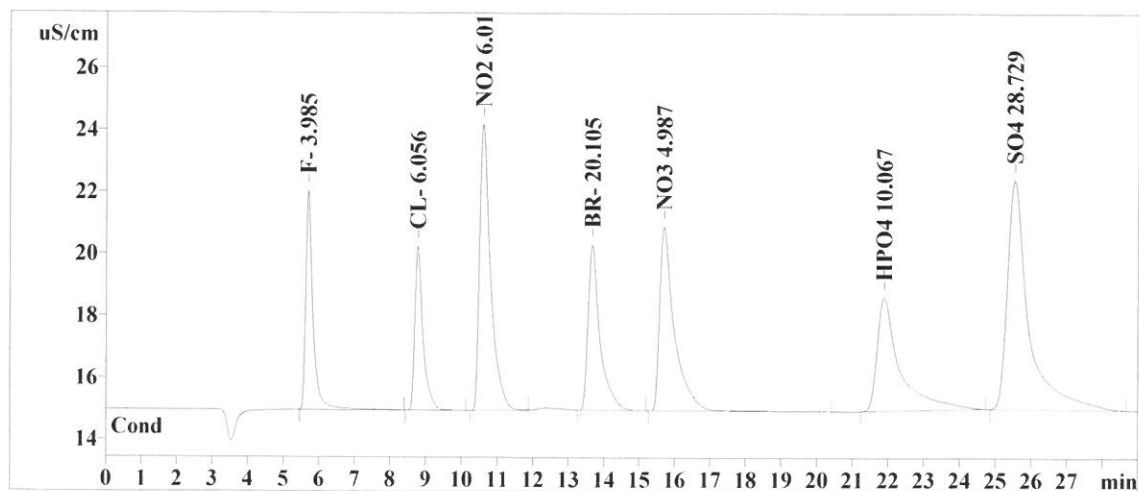
Ident: STD6  
 Analysis from: 9/22/2020 8:23:42 PM  
 File: \_2020-09-22\_

Last save: 9/23/2020 8:08:30 AM

Method: ANIONS 09-22-20.mtw  
 Run operator: wet  
 Analysis number: 71545

Last save: 9/22/2020 9:01:42 AM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.69             | 0.185          | 7.05            | 16.08       | 98.416            | 8.57      | 0. |
| 2  | 8.77             | 0.221          | 5.27            | 12.03       | 84.438            | 7.35      | 0. |
| 3  | 10.59            | 0.305          | 9.23            | 21.05       | 195.630           | 17.03     | 0. |
| 4  | 13.66            | 0.309          | 5.33            | 12.16       | 123.993           | 10.79     | 0. |
| 5  | 15.68            | 0.391          | 5.93            | 13.52       | 174.187           | 15.16     | 0. |
| 6  | 21.88            | 0.525          | 3.65            | 8.32        | 164.078           | 14.28     | 0. |
| 7  | 25.52            | 0.511          | 7.38            | 16.84       | 308.195           | 26.82     | 0. |
| 7  | 29.00            | 0.350          | 43.84           | 99.99       | 1148.936          | 100.00    | 0. |

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Report date: 9/23/2020 8:11:36 AM  
Printed by: wet

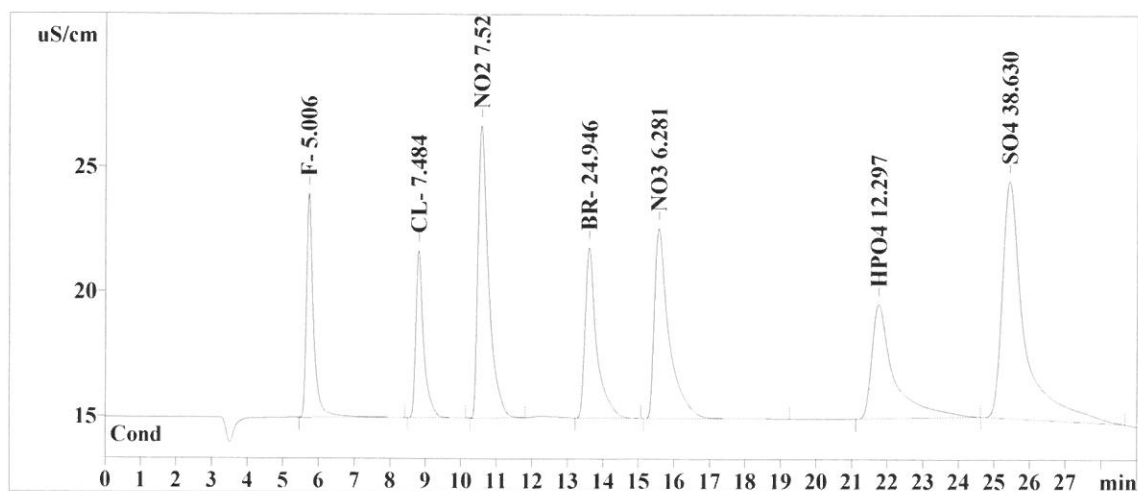
Ident: STD7  
Analysis from: 9/22/2020 8:55:36 PM  
File: \_2020-09-22\_

Last save: 9/23/2020 8:09:14 AM

Method: ANIONS 09-22-20.mtw  
Run operator: wet  
Analysis number: 71546

Last save: 9/22/2020 9:01:42 AM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.72             | 0.183          | 8.98            | 16.06       | 123.902           | 8.48      | 0. |
| 2  | 8.80             | 0.215          | 6.70            | 11.98       | 104.451           | 7.14      | 0. |
| 3  | 10.57            | 0.303          | 11.71           | 20.94       | 245.456           | 16.79     | 0. |
| 4  | 13.60            | 0.301          | 6.82            | 12.21       | 154.096           | 10.54     | 0. |
| 5  | 15.54            | 0.385          | 7.60            | 13.60       | 219.729           | 15.03     | 0. |
| 6  | 21.75            | 0.506          | 4.58            | 8.20        | 198.712           | 13.59     | 0. |
| 7  | 25.43            | 0.527          | 9.51            | 17.02       | 415.623           | 28.43     | 0. |
| 7  | 29.00            | 0.346          | 55.90           | 99.99       | 1461.969          | 100.00    | 0. |

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Report date: 9/23/2020 8:11:55 AM  
 Printed by: wet

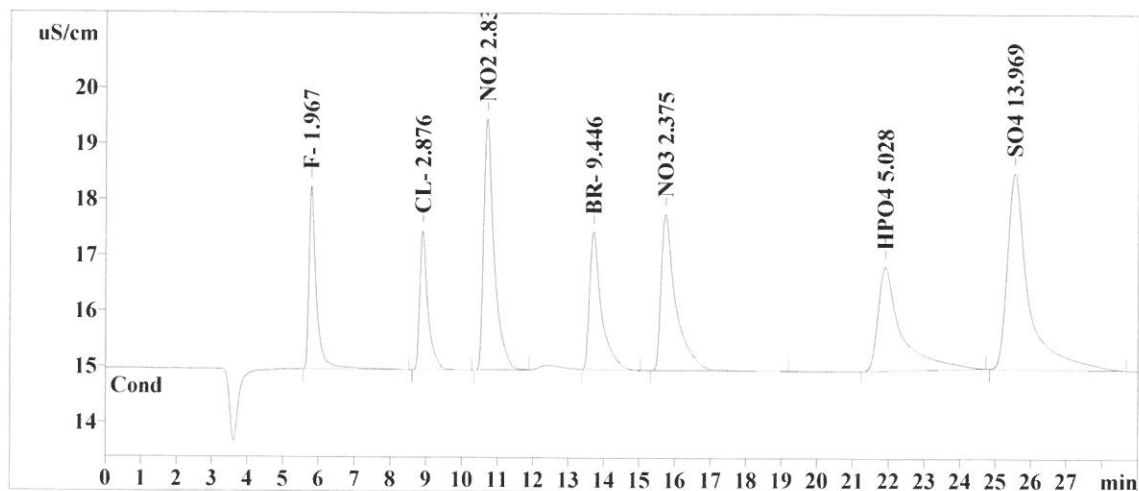
Ident: ICV  
 Analysis from: 9/22/2020 9:27:30 PM  
 File: \_2020-09-22\_

Last save: 9/23/2020 8:09:14 AM

Method: ANIONS 09-22-20.mtw  
 Run operator: wet  
 Analysis number: 71547

Last save: 9/22/2020 9:01:42 AM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.78             | 0.193          | 3.27            | 15.64       | 48.017            | 8.68      | 0. |
| 2  | 8.89             | 0.220          | 2.49            | 11.92       | 39.863            | 7.21      | 0. |
| 3  | 10.69            | 0.284          | 4.50            | 21.52       | 91.171            | 16.49     | 0. |
| 4  | 13.70            | 0.309          | 2.47            | 11.82       | 57.717            | 10.44     | 0. |
| 5  | 15.71            | 0.387          | 2.80            | 13.39       | 82.277            | 14.88     | 0. |
| 6  | 21.89            | 0.530          | 1.87            | 8.92        | 85.794            | 15.52     | 0. |
| 7  | 25.53            | 0.515          | 3.51            | 16.78       | 148.049           | 26.78     | 0. |
| 7  | 29.00            | 0.348          | 20.91           | 99.99       | 552.888           | 100.00    | 0. |

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Report date: 9/23/2020 8:12:04 AM  
Printed by: wet

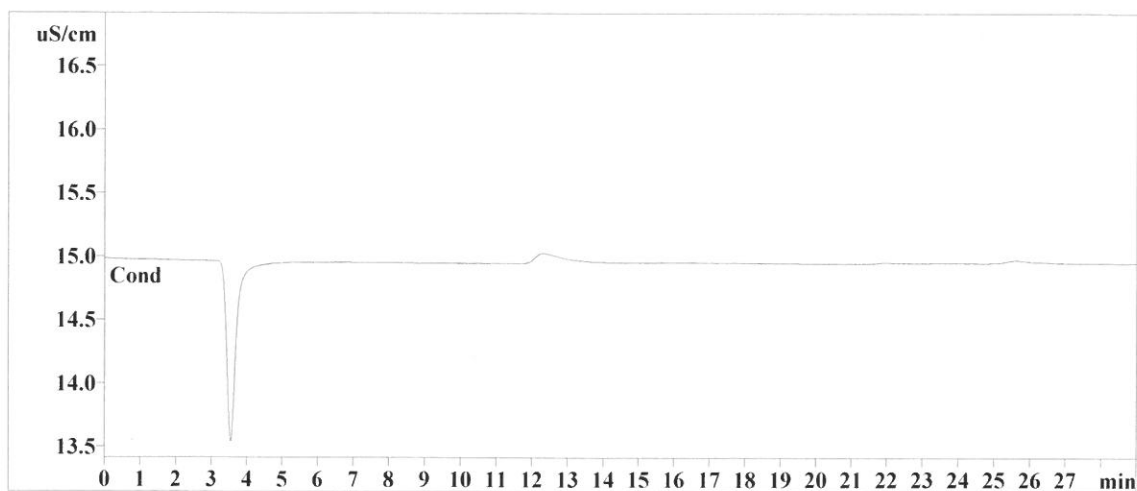
Ident: ICB  
Analysis from: 9/22/2020 9:59:24 PM  
File: \_2020-09-22\_

Last save: 9/23/2020 8:09:14 AM

Method: ANIONS 09-22-20.mtw  
Run operator: wet  
Analysis number: 71548

Last save: 9/22/2020 9:01:42 AM

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  
METROHM LTD

Report date: 10/1/2020 1:28:42 PM  
Printed by: wet

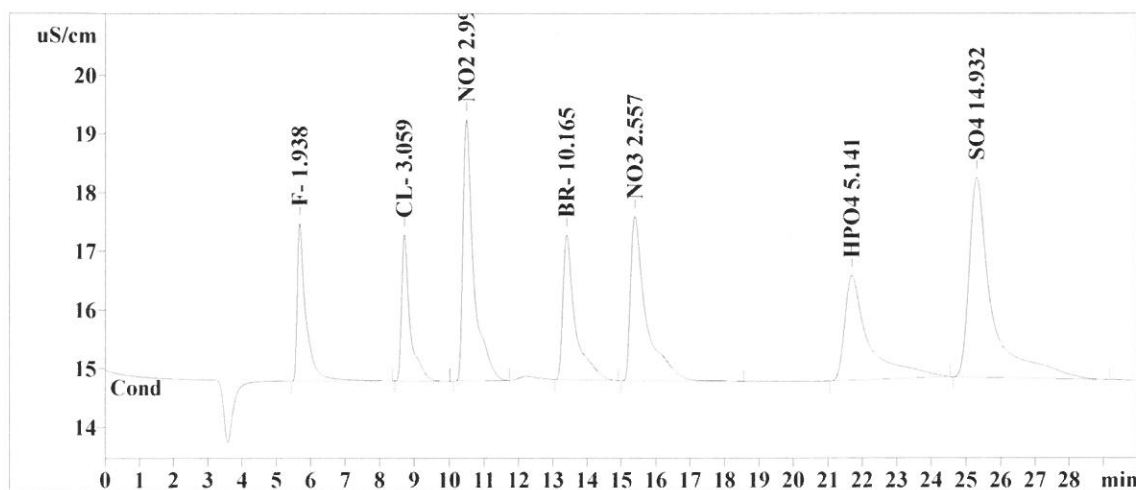
Ident: CCV  
Analysis from: 9/30/2020 3:42:28 PM  
File: \_2020-09-30\_

Last save: 9/30/2020 4:12:16 PM

Method: ANIONS 09-22-20.mtw  
Run operator: wet  
Analysis number: 71669

Last save: 9/30/2020 1:14:24 PM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.68             | 0.219          | 2.67            | 13.34       | 47.292            | 8.11      | 0. |
| 2  | 8.71             | 0.215          | 2.48            | 12.39       | 42.427            | 7.28      | 0. |
| 3  | 10.48            | 0.278          | 4.45            | 22.19       | 96.368            | 16.53     | 0. |
| 4  | 13.40            | 0.312          | 2.46            | 12.27       | 62.186            | 10.67     | 0. |
| 5  | 15.39            | 0.387          | 2.80            | 13.95       | 88.694            | 15.21     | 0. |
| 6  | 21.70            | 0.562          | 1.78            | 8.89        | 87.545            | 15.02     | 0. |
| 7  | 25.30            | 0.549          | 3.40            | 16.97       | 158.497           | 27.19     | 0. |
| 7  | 30.00            | 0.360          | 20.05           | 99.98       | 583.011           | 100.00    | 0. |

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Report date: 10/1/2020 1:28:51 PM  
Printed by: wet

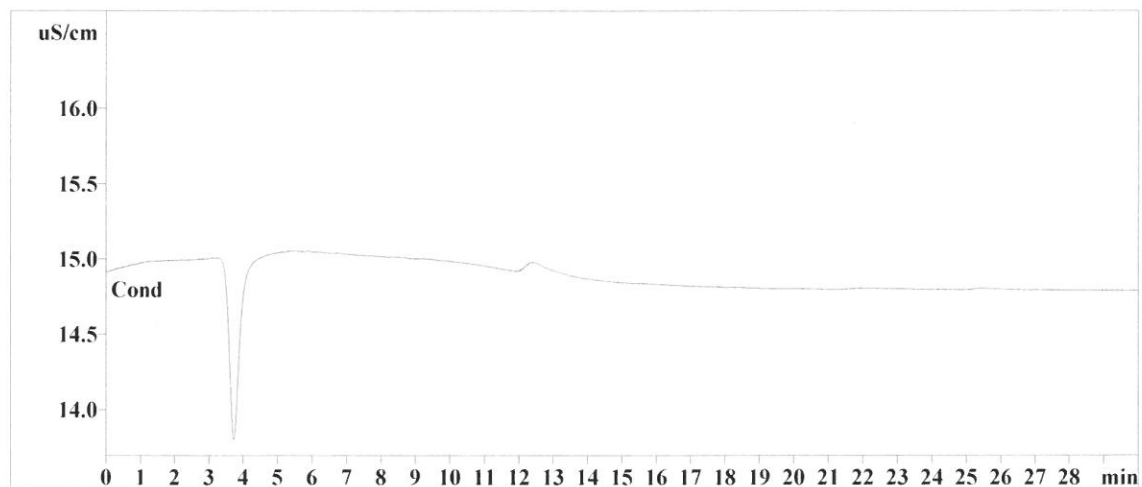
Ident: CCB  
Analysis from: 9/30/2020 4:15:21 PM  
File: \_2020-09-30\_

Last save: 9/30/2020 4:45:10 PM

Method: ANIONS 09-22-20.mtw  
Run operator: wet  
Analysis number: 71670

Last save: 9/30/2020 1:14:24 PM

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

Report date: 10/1/2020 1:28:57 PM  
Printed by: wet

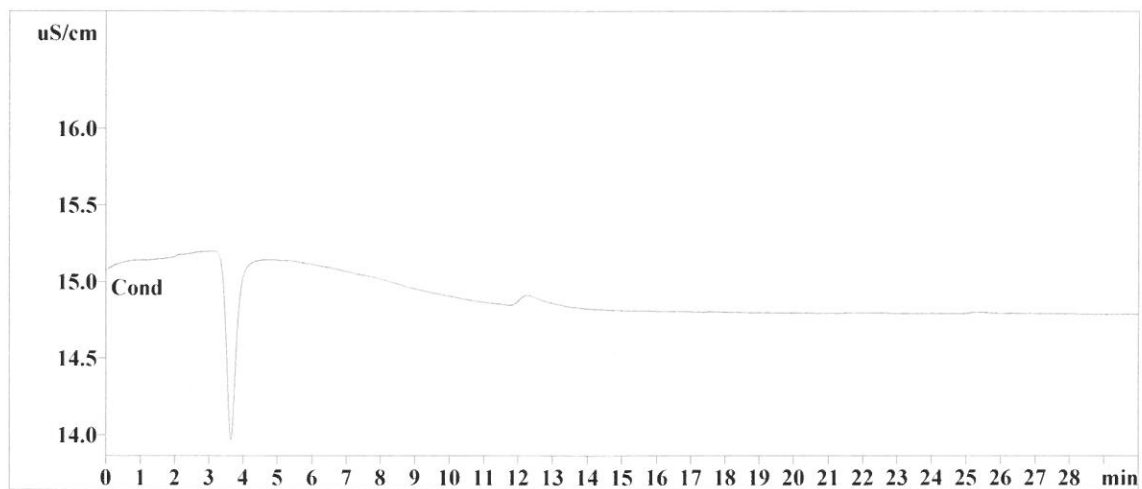
Ident: LB111209BLW  
Analysis from: 9/30/2020 4:48:15 PM  
File: \_2020-09-30\_

Last save: 9/30/2020 5:18:02 PM

Method: ANIONS 09-22-20.mtw  
Run operator: wet  
Analysis number: 71671

Last save: 9/30/2020 1:14:24 PM

SAMPLE:  
: AM/AP  
Vial number: 4  
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: 10/1/2020 1:29:05 PM  
Printed by: wet

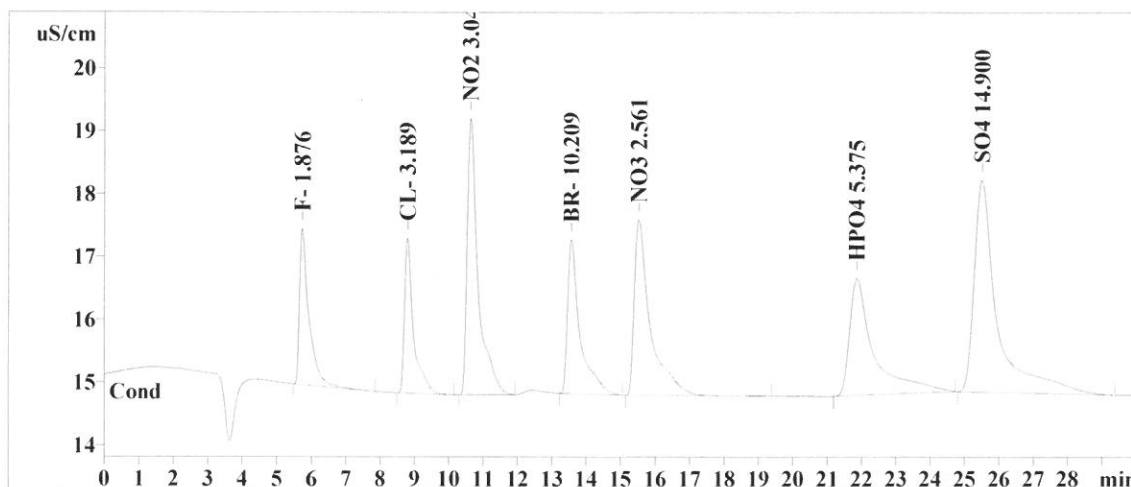
Ident: LB111209BSW  
Analysis from: 9/30/2020 5:21:08 PM  
File: \_2020-09-30\_

Last save: 9/30/2020 5:50:56 PM

Method: ANIONS 09-22-20.mtw  
Run operator: wet  
Analysis number: 71672

Last save: 9/30/2020 1:14:24 PM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.74             | 0.237          | 2.48            | 12.53       | 45.748            | 7.77      | 0. |
| 2  | 8.78             | 0.226          | 2.46            | 12.43       | 44.248            | 7.52      | 0. |
| 3  | 10.63            | 0.287          | 4.39            | 22.18       | 97.941            | 16.64     | 0. |
| 4  | 13.56            | 0.315          | 2.45            | 12.35       | 62.461            | 10.61     | 0. |
| 5  | 15.52            | 0.391          | 2.79            | 14.07       | 88.836            | 15.09     | 0. |
| 6  | 21.86            | 0.562          | 1.86            | 9.40        | 91.183            | 15.49     | 0. |
| 7  | 25.49            | 0.550          | 3.37            | 17.03       | 158.155           | 26.87     | 0. |
| 7  | 30.00            | 0.367          | 19.81           | 99.98       | 588.573           | 100.00    | 0. |

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Report date: 10/1/2020 1:29:11 PM  
Printed by: wet

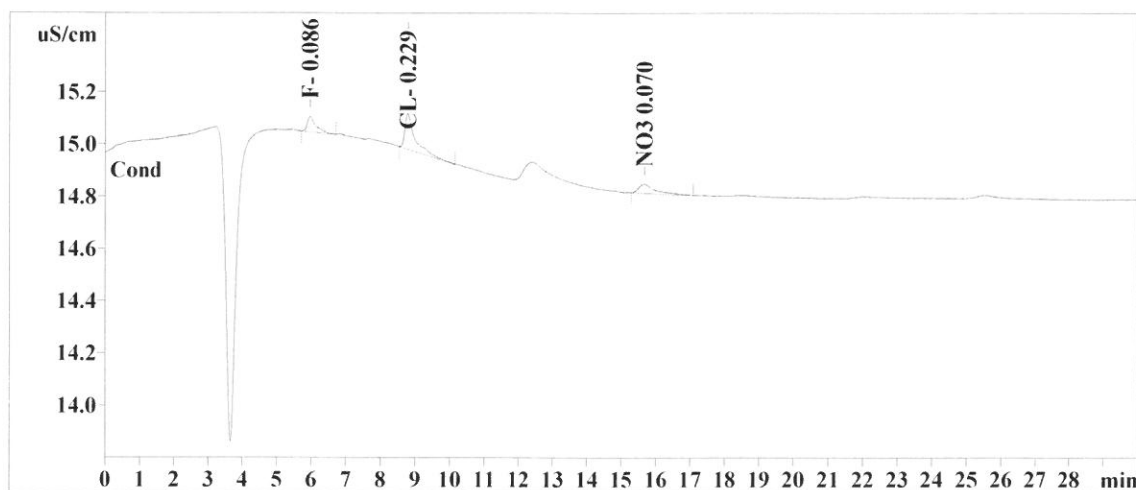
Ident: L4187-01  
Analysis from: 9/30/2020 5:54:02 PM  
File: \_2020-09-30\_

Last save: 10/1/2020 8:26:38 AM

Method: ANIONS 09-22-20.mtw  
Run operator: wet  
Analysis number: 71673

Last save: 9/30/2020 1:14:24 PM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.96             | 0.210          | 0.06            | 25.48       | 1.032             | 20.76     | 0. |
| 2  | 8.78             | 0.227          | 0.14            | 58.59       | 2.756             | 55.42     | 0. |
| 3  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 4  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 5  | 15.66            | 0.408          | 0.04            | 15.13       | 1.185             | 23.82     | 0. |
| 6  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 7  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 7  | 30.00            | 0.121          | 0.23            | 99.20       | 4.973             | 100.00    | 0. |

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Report date: 10/1/2020 1:29:16 PM  
Printed by: wet

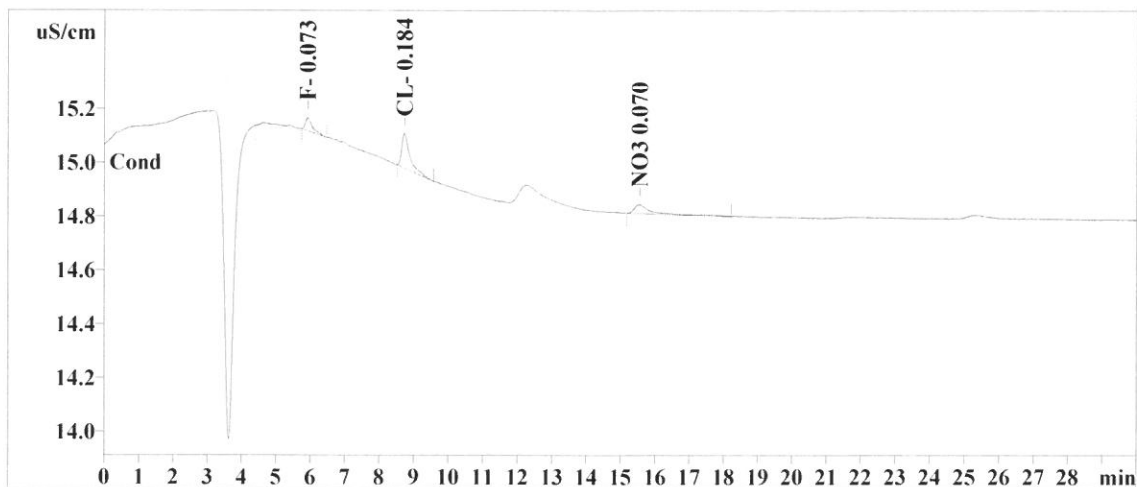
Ident: L4187-01DUP  
Analysis from: 9/30/2020 6:26:55 PM  
File: \_2020-09-30\_

Last save: 10/1/2020 8:25:58 AM

Method: ANIONS 09-22-20.mtw  
Run operator: wet  
Analysis number: 71674

Last save: 9/30/2020 1:14:24 PM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.93             | 0.194          | 0.05            | 22.85       | 0.707             | 17.54     | 0. |
| 2  | 8.72             | 0.215          | 0.13            | 60.51       | 2.125             | 52.77     | 0. |
| 3  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 4  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 5  | 15.54            | 0.372          | 0.03            | 15.59       | 1.196             | 29.69     | 0. |
| 6  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 7  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 7  | 30.00            | 0.112          | 0.21            | 98.95       | 4.028             | 100.00    | 0. |

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METROHM LTD

Report date: 10/1/2020 1:29:24 PM  
Printed by: wet

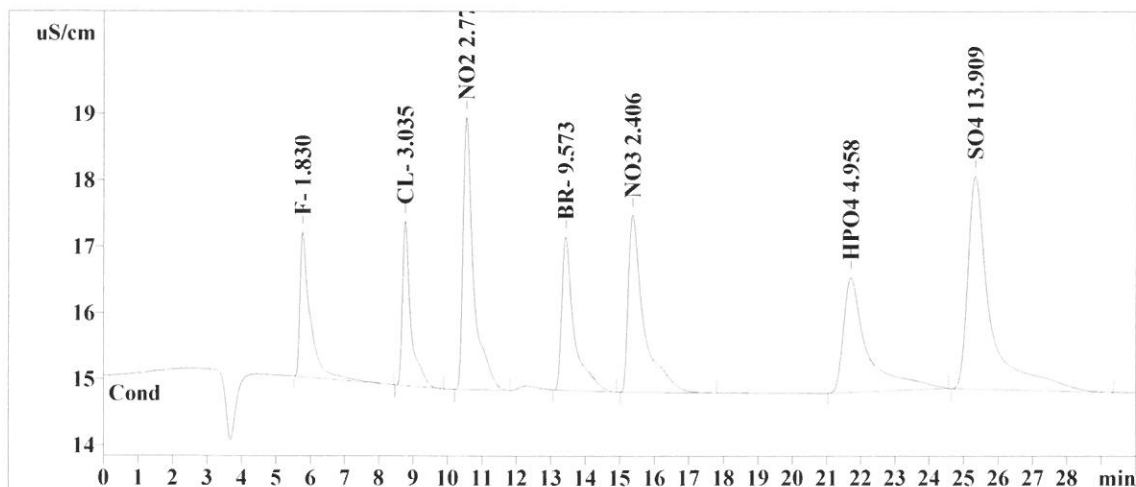
Ident: L4187-01MS  
Analysis from: 9/30/2020 6:59:49 PM  
File: \_2020-09-30\_

Last save: 9/30/2020 7:29:36 PM

Method: ANIONS 09-22-20.mtw  
Run operator: wet  
Analysis number: 71675

Last save: 9/30/2020 1:14:24 PM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.77             | 0.249          | 2.17            | 11.64       | 44.587            | 8.11      | 0. |
| 2  | 8.76             | 0.215          | 2.48            | 13.26       | 42.089            | 7.65      | 0. |
| 3  | 10.53            | 0.279          | 4.11            | 22.00       | 89.188            | 16.22     | 0. |
| 4  | 13.42            | 0.315          | 2.31            | 12.36       | 58.507            | 10.64     | 0. |
| 5  | 15.36            | 0.384          | 2.67            | 14.30       | 83.392            | 15.17     | 0. |
| 6  | 21.70            | 0.565          | 1.73            | 9.25        | 84.706            | 15.40     | 0. |
| 7  | 25.32            | 0.543          | 3.21            | 17.18       | 147.404           | 26.81     | 0. |
| 7  | 30.00            | 0.364          | 18.66           | 99.99       | 549.872           | 100.00    | 0. |

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Report date: 10/1/2020 1:29:32 PM  
 Printed by: wet

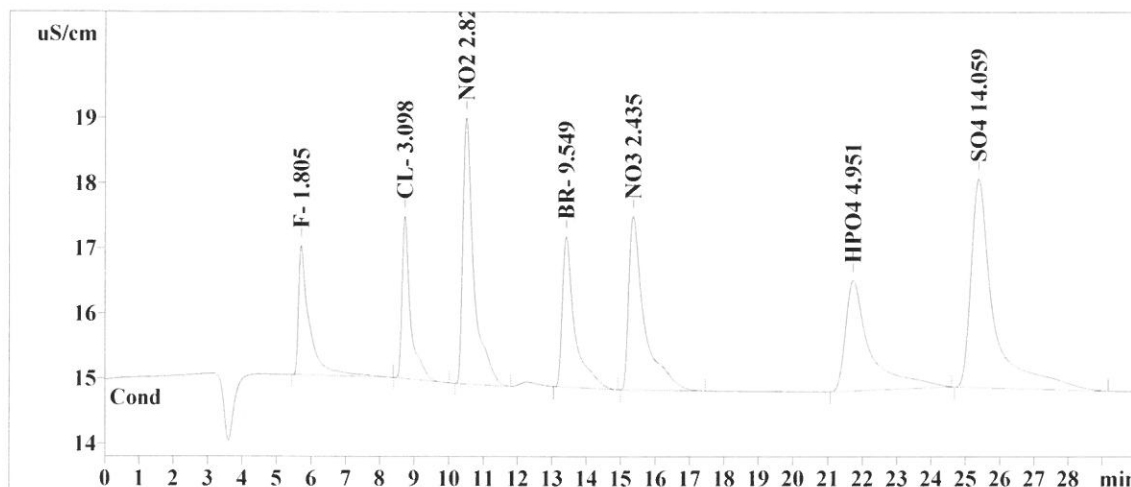
Ident: L4187-01MSD  
 Analysis from: 9/30/2020 7:32:42 PM  
 File: \_2020-09-30\_

Last save: 9/30/2020 8:02:30 PM

Method: ANIONS 09-22-20.mtw  
 Run operator: wet  
 Analysis number: 71676

Last save: 9/30/2020 1:14:24 PM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.71             | 0.258          | 1.98            | 10.76       | 43.952            | 7.93      | 0. |
| 2  | 8.72             | 0.217          | 2.49            | 13.51       | 42.977            | 7.76      | 0. |
| 3  | 10.49            | 0.286          | 4.09            | 22.16       | 90.728            | 16.37     | 0. |
| 4  | 13.40            | 0.313          | 2.31            | 12.51       | 58.362            | 10.53     | 0. |
| 5  | 15.35            | 0.390          | 2.67            | 14.46       | 84.414            | 15.24     | 0. |
| 6  | 21.72            | 0.582          | 1.70            | 9.21        | 84.601            | 15.27     | 0. |
| 7  | 25.37            | 0.549          | 3.20            | 17.38       | 149.032           | 26.90     | 0. |
| 7  | 30.00            | 0.371          | 18.43           | 99.99       | 554.066           | 100.00    | 0. |

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Report date: 10/1/2020 1:29:39 PM  
Printed by: wet

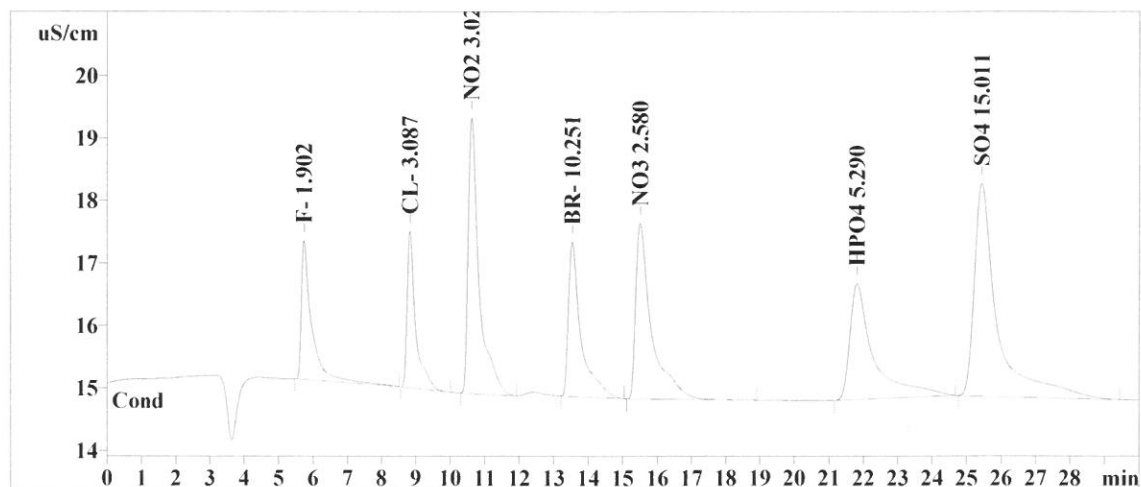
Ident: CCV  
Analysis from: 9/30/2020 8:05:36 PM  
File: \_2020-09-30\_

Last save: 9/30/2020 8:35:24 PM

Method: ANIONS 09-22-20.mtw  
Run operator: wet  
Analysis number: 71677

Last save: 9/30/2020 1:14:24 PM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.74             | 0.242          | 2.23            | 11.31       | 46.394            | 7.89      | 0. |
| 2  | 8.83             | 0.216          | 2.50            | 12.71       | 42.821            | 7.28      | 0. |
| 3  | 10.62            | 0.283          | 4.41            | 22.43       | 97.331            | 16.55     | 0. |
| 4  | 13.53            | 0.313          | 2.47            | 12.55       | 62.723            | 10.67     | 0. |
| 5  | 15.50            | 0.392          | 2.81            | 14.26       | 89.490            | 15.22     | 0. |
| 6  | 21.81            | 0.559          | 1.85            | 9.42        | 89.870            | 15.28     | 0. |
| 7  | 25.44            | 0.549          | 3.41            | 17.32       | 159.362           | 27.10     | 0. |
| 7  | 30.00            | 0.365          | 19.68           | 99.99       | 587.991           | 100.00    | 0. |

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Report date: 10/1/2020 1:29:46 PM  
Printed by: wet

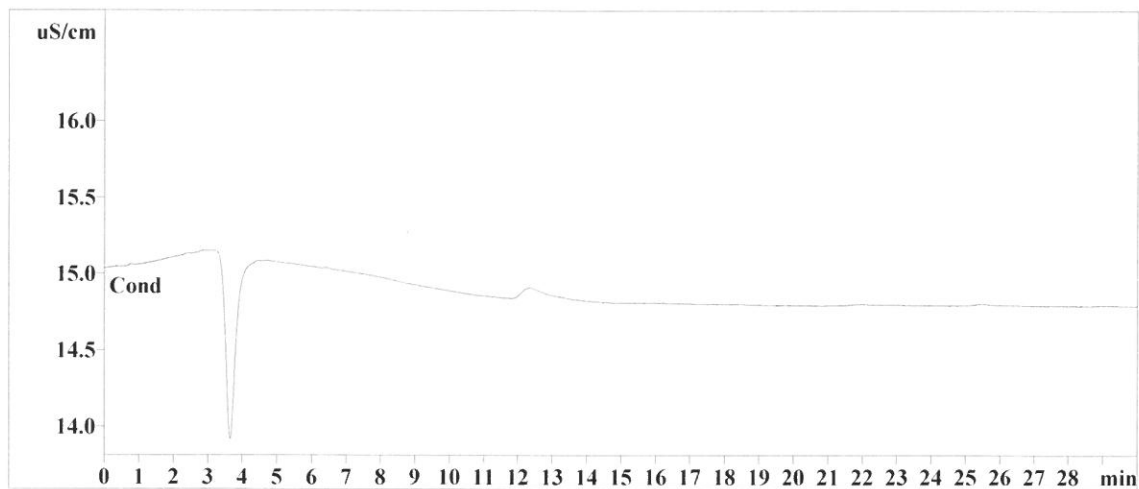
Ident: CCB  
Analysis from: 9/30/2020 8:38:29 PM  
File: \_2020-09-30\_

Last save: 9/30/2020 9:08:18 PM

Method: ANIONS 09-22-20.mtw  
Run operator: wet  
Analysis number: 71678

Last save: 9/30/2020 1:14:24 PM

SAMPLE:  
: AM/AP  
Vial number: 3  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

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