

IC-1 9056A 301L

03 LOD only 401RE LOD/MDL

05-01-19 A

Clear table

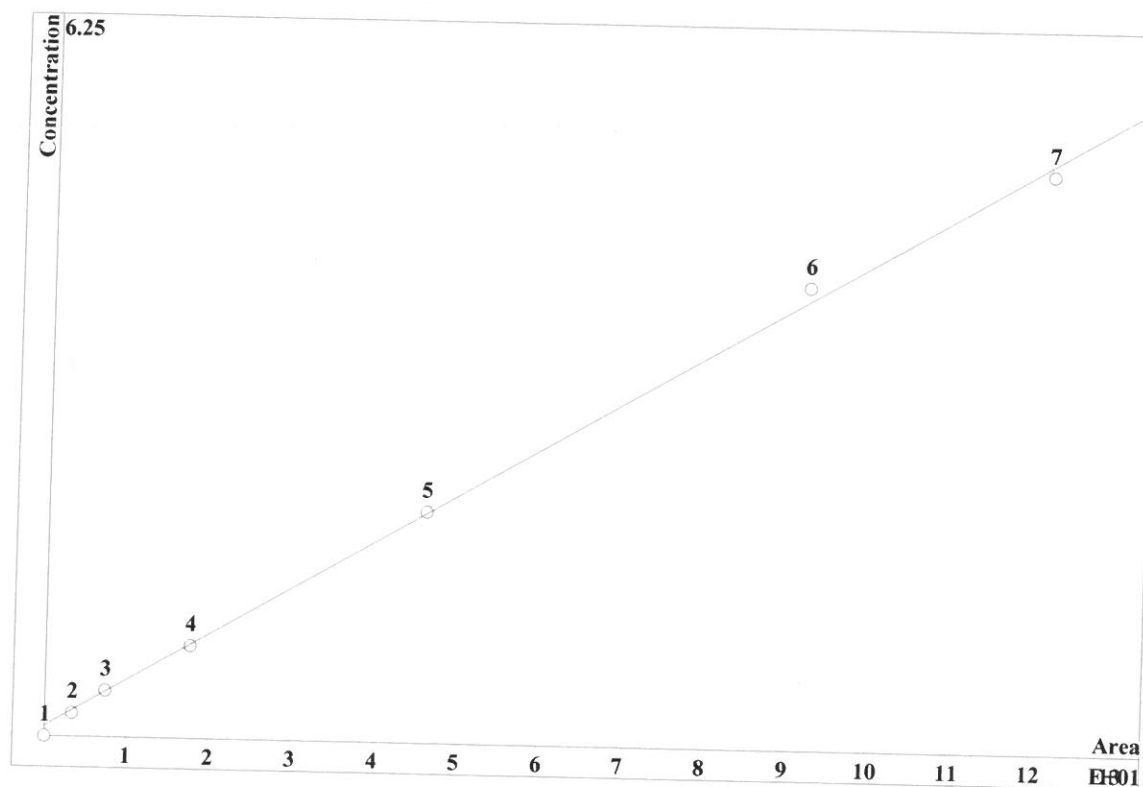
| ident       | concentra<br>tion F- | concentrati<br>on CL- | concentrati<br>on NO2 | concentrati<br>on BR- | concentrati<br>on NO3 | concentrati<br>on HPO4 | concentrati<br>on SO4 | file name   | date time     | Initial wt/<br>Final Vol | Analyst |
|-------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------|---------------|--------------------------|---------|
| STD1        | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2019-04-15_ | 4/15/19 9:37  |                          | AK/AP   |
| STD2        | 0.2290               | 0.4020                | 0.3840                | 1.2950                | 0.3210                | 0.2240                 | 2.0220                | 2019-04-15_ | 4/15/19 10:07 |                          | AK/AP   |
| STD3        | 0.3950               | 0.6620                | 0.6410                | 2.1300                | 0.5530                | 0.9770                 | 3.2840                | 2019-04-15_ | 4/15/19 10:37 |                          | AK/AP   |
| STD4        | 0.8160               | 1.1960                | 1.1990                | 3.9670                | 0.9890                | 2.2200                 | 5.9320                | 2019-04-15_ | 4/15/19 11:07 |                          | AK/AP   |
| STD5        | 1.9860               | 2.8350                | 2.8460                | 9.5210                | 2.3630                | 5.1230                 | 14.1130               | 2019-04-15_ | 4/15/19 11:37 |                          | AK/AP   |
| STD6        | 3.8810               | 5.8130                | 5.9110                | 19.6790               | 4.9110                | 10.2580                | 29.4100               | 2019-04-15_ | 4/15/19 12:06 |                          | AK/AP   |
| STD7        | 5.0930               | 7.6920                | 7.6190                | 25.4080               | 6.3630                | 11.8160                | 38.2400               | 2019-04-15_ | 4/15/19 12:36 |                          | AK/AP   |
| ICV         | 2.0070               | 2.8910                | 2.9120                | 9.6650                | 2.4130                | 5.1100                 | 14.5630               | 2019-04-15_ | 4/15/19 13:18 |                          | AK/AP   |
| ICB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2019-04-15_ | 4/15/19 13:48 |                          | AK/AP   |
| CCV         | 1.9720               | 2.8580                | 2.9480                | 9.4340                | 2.3210                | 4.5180                 | 13.8730               | 2019-04-30_ | 4/30/19 8:14  |                          | AK/AP   |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2019-04-30_ | 4/30/19 8:56  |                          | AK/AP   |
| LB102463BLS | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2019-04-30_ | 4/30/19 9:25  | 5.01g/100mL              | AK/AP   |
| LB102463BSS | 2.0250               | 2.9090                | 2.9830                | 9.7640                | 2.4580                | 4.8000                 | 14.3590               | 2019-04-30_ | 4/30/19 9:54  | 5.02g/10mL               | AK/AP   |
| K2241-03    | 0.2140               | 0.2550                | 0.2010                | 0.8200                | 0.2040                | 0.0260                 | 1.3590                | 2019-04-30_ | 4/30/19 12:12 | 5.00g/100mL              | AK/AP   |
| K2241-01RE  | 0.2620               | 0.3840                | 0.3490                | 1.2640                | 0.3080                | 0.2680                 | 1.9880                | 2019-04-30_ | 4/30/19 13:38 | 5.01g/100mL              | AK/AP   |
| CCV         | 2.0550               | 2.8160                | 2.9080                | 9.5040                | 2.3400                | 4.7090                 | 14.3800               | 2019-04-30_ | 4/30/19 14:07 |                          | AK/AP   |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2019-04-30_ | 4/30/19 14:36 |                          | AK/AP   |

# CALIBRATION OF COMPONENT F-

Method: ANIONS 04-15-19.mtw  
 Equation:  $Q = 0.823481 \cdot A + 1.8073$   
 RSD: 3.756 %  
 Correlation coefficient: 0.999404

IC1 cal

04-15-19 *AB*

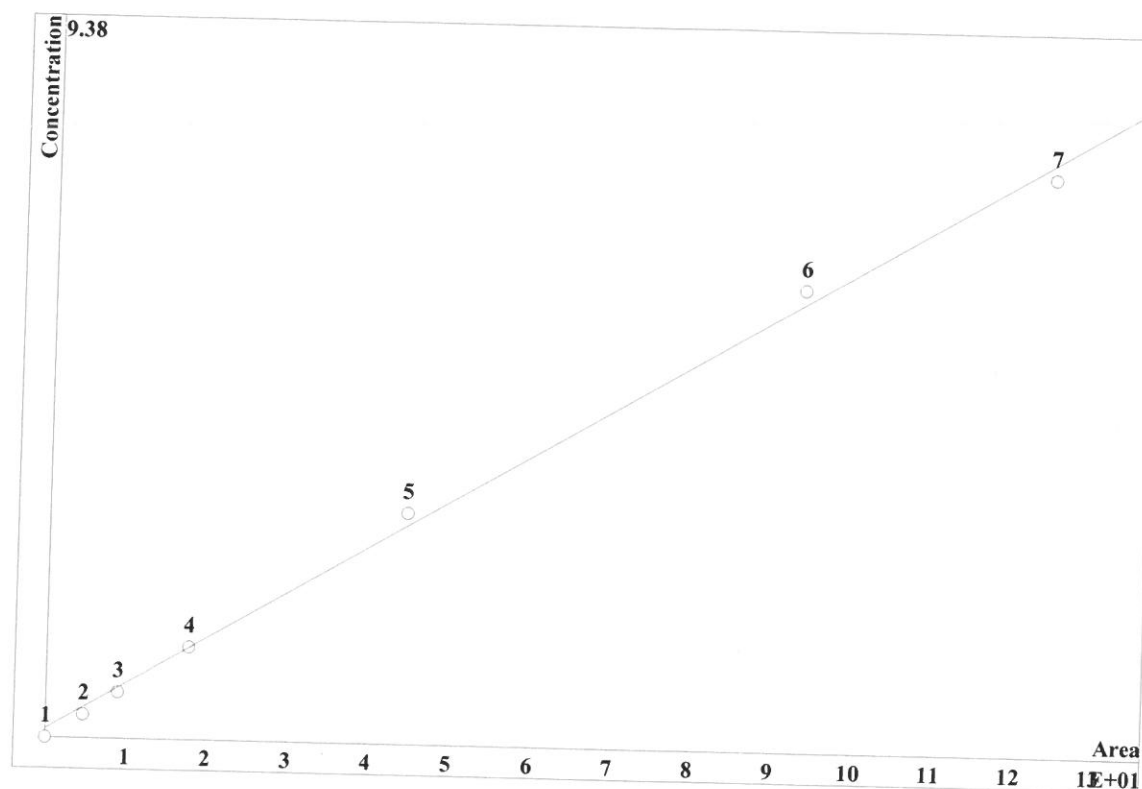


K3 = 0      K2 = 0      K1 = 0.823481      K0 = 1.8073  
 Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | No   |
| 2     | 0.1014 | 3.366 | 0.2   | 20      | 5.857     |      | Yes  |
| 3     | 0.2037 | 7.405 | 0.4   | 20      | 5.857     |      | Yes  |
| 4     | 0.4518 | 17.63 | 0.8   | 20      | 5.857     |      | Yes  |
| 5     | 1.181  | 46.04 | 2     | 20      | 5.857     |      | Yes  |
| 6     | 2.411  | 92.06 | 4     | 20      | 5.857     |      | Yes  |
| 7     | 3.155  | 121.5 | 5     | 20      | 5.857     |      | Yes  |

# CALIBRATION OF COMPONENT CL-

Method: ANIONS 04-15-19.mtw  
 Equation:  $Q = 1.22133 \cdot A + 2.30714$   
 RSD: 5.439 %  
 Correlation coefficient: 0.998749

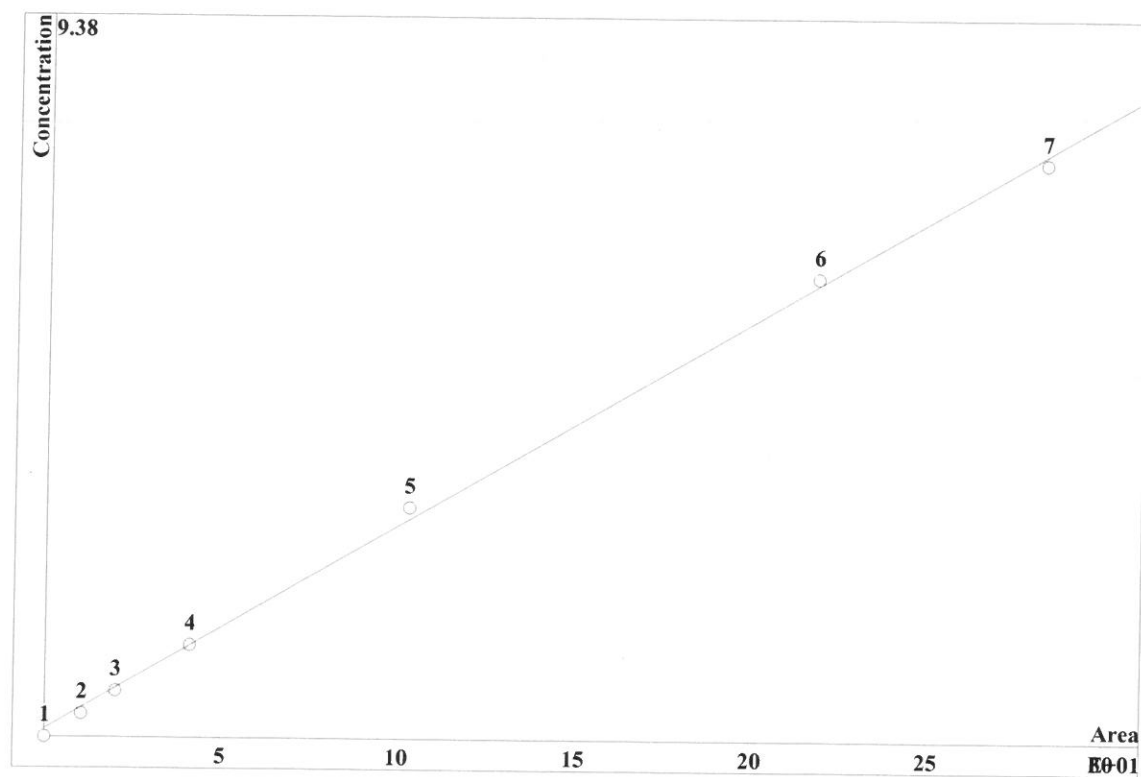


K3 = 0      K2 = 0      K1 = 1.22133      K0 = 2.30714  
 Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      |       | 0     | 0       | 0         |      | No   |
| 2     | 0.2516 | 4.691 | 0.3   | 20      | 8.619     | Yes  |      |
| 3     | 0.4828 | 8.959 | 0.6   | 20      | 8.619     | Yes  |      |
| 4     | 0.9698 | 17.7  | 1.2   | 20      | 8.619     | Yes  |      |
| 5     | 2.461  | 44.53 | 3     | 20      | 8.619     | Yes  |      |
| 6     | 5.234  | 93.3  | 6     | 20      | 8.619     | Yes  |      |
| 7     | 6.829  | 124.1 | 7.5   | 20      | 8.619     | Yes  |      |

## CALIBRATION OF COMPONENT NO2

Method: ANIONS 04-15-19.mtw  
 Equation:  $Q = 0.532257 \cdot A + 2.14384$   
 RSD: 3.769 %  
 Correlation coefficient: 0.999399



K3 = 0      K2 = 0      K1 = 0.532257      K0 = 2.14384

Base: Area

Ref.channel: Cond

ISTD:

Formula: Linear

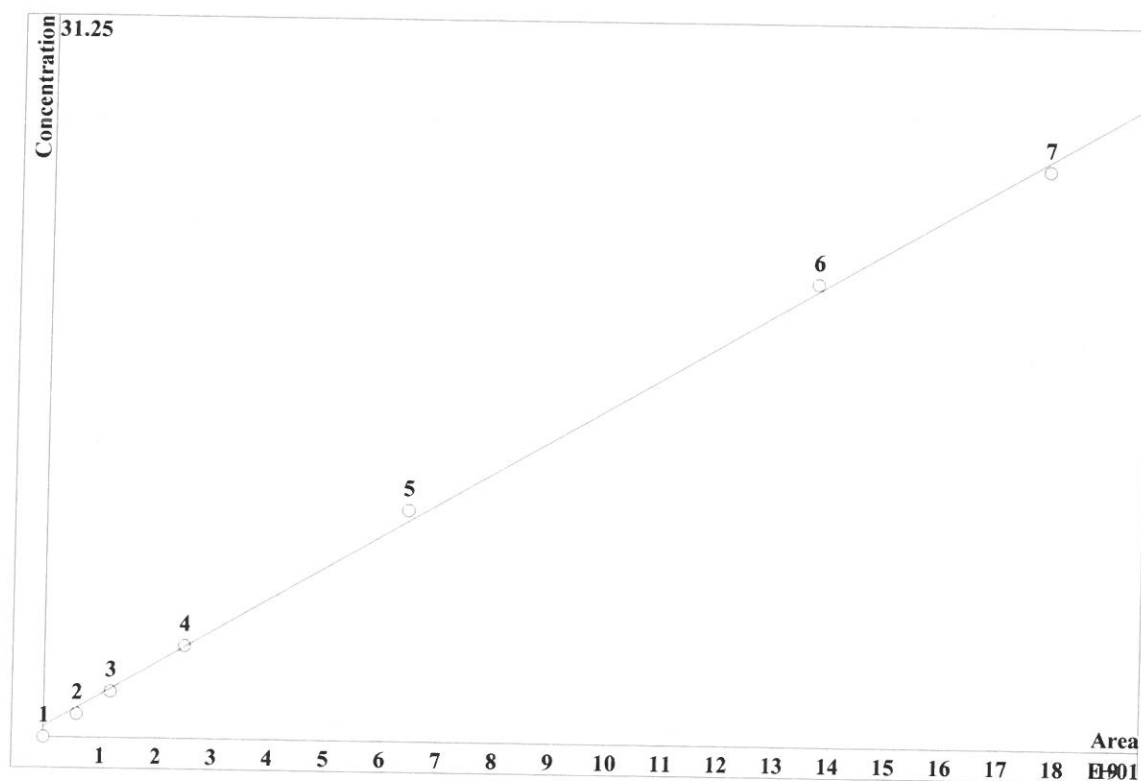
Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         | No   |      |
| 2     | 0.4741 | 10.4  | 0.3   | 20      | 10.26     | Yes  |      |
| 3     | 0.943  | 20.06 | 0.6   | 20      | 10.26     | Yes  |      |
| 4     | 1.952  | 41.01 | 1.2   | 20      | 10.26     | Yes  |      |
| 5     | 5.007  | 102.9 | 3     | 20      | 10.26     | Yes  |      |
| 6     | 10.66  | 218.1 | 6     | 20      | 10.26     | Yes  |      |
| 7     | 13.83  | 282.3 | 7.5   | 20      | 10.26     | Yes  |      |

±0.25

# CALIBRATION OF COMPONENT BR-

Method: ANIONS 04-15-19.mtw  
 Equation:  $Q = 2.80614 \cdot A + 9.55252$   
 RSD: 3.762 %  
 Correlation coefficient: 0.999402



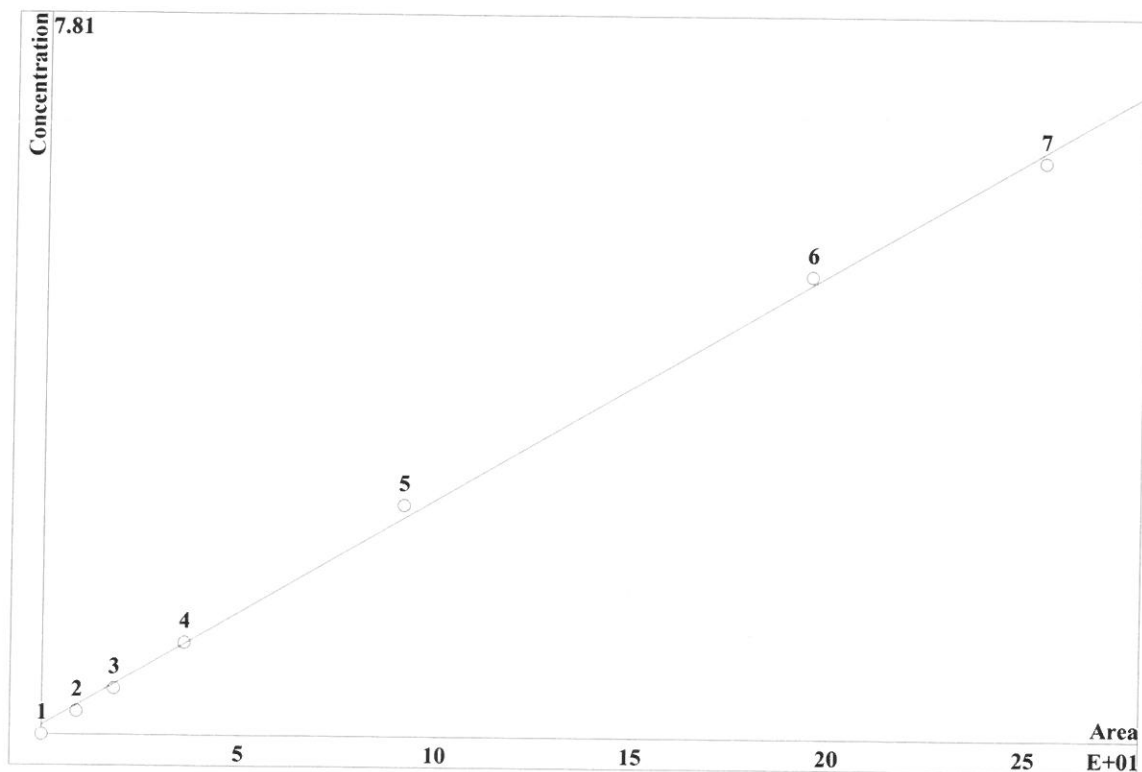
K3 = 0      K2 = 0      K1 = 2.80614      K0 = 9.55252

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     | 0.2654 | 5.828 | 1     | 20      | 13.02     |      | Yes  |
| 3     | 0.5231 | 11.78 | 2     | 20      | 13.02     |      | Yes  |
| 4     | 1.079  | 24.87 | 4     | 20      | 13.02     |      | Yes  |
| 5     | 2.688  | 64.45 | 10    | 20      | 13.02     |      | Yes  |
| 6     | 5.323  | 136.8 | 20    | 20      | 13.02     |      | Yes  |
| 7     | 6.624  | 177.7 | 25    | 20      | 13.02     |      | Yes  |

CALIBRATION OF COMPONENT NO3

Method: ANIONS 04-15-19.mtw  
 Equation:  $Q = 0.493046 \cdot A + 2.0632$   
 RSD: 4.214 %  
 Correlation coefficient: 0.999249



K3 = 0      K2 = 0      K1 = 0.493046      K0 = 2.0632

Base: Area

Ref.channel: Cond

ISTD:

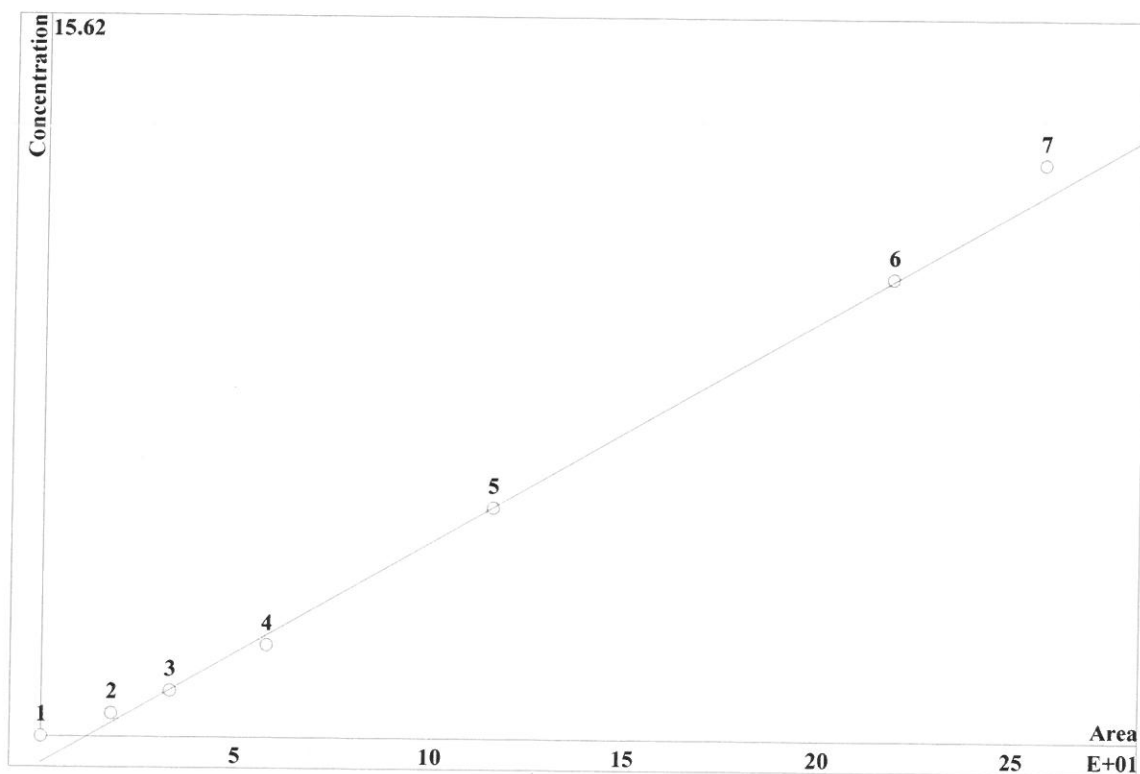
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         | No   |      |
| 2     | 0.3355 | 8.828 | 0.25  | 20      | 14.78     | Yes  |      |
| 3     | 0.6784 | 18.23 | 0.5   | 20      | 14.78     | Yes  |      |
| 4     | 1.402  | 35.95 | 1     | 20      | 14.78     | Yes  |      |
| 5     | 3.637  | 91.67 | 2.5   | 20      | 14.78     | Yes  |      |
| 6     | 7.853  | 195   | 5     | 20      | 14.78     | Yes  |      |
| 7     | 10.31  | 253.9 | 6.25  | 20      | 14.78     | Yes  |      |

## CALIBRATION OF COMPONENT HPO4

Method: ANIONS 04-15-19.mtw  
 Equation:  $Q = 0.964004 \cdot A - 11.4186$   
 RSD: 4.720 %  
 Correlation coefficient: 0.999260



K3 = 0      K2 = 0      K1 = 0.964004      K0 = -11.4186

Base: Area

Ref.channel: Cond

ISTD:

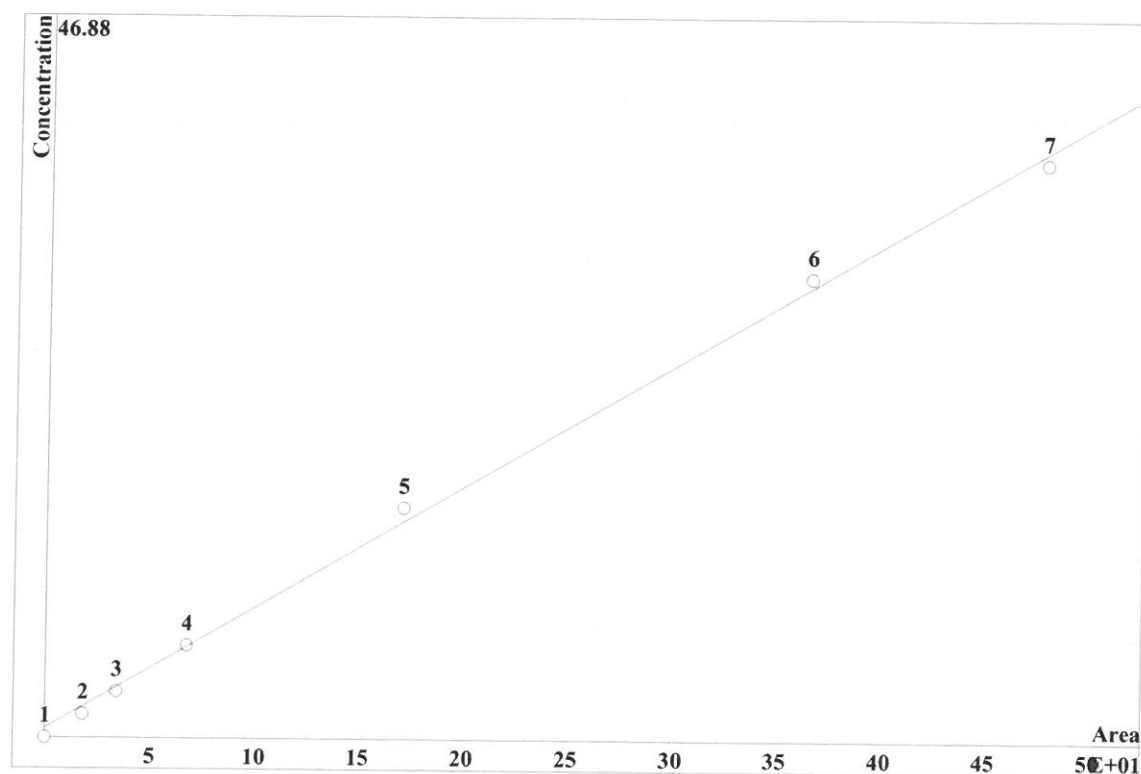
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |     |
|-------|--------|-------|-------|---------|-----------|------|------|-----|
| 1     | 0      | 0     | 0     | 0       | 0         |      |      | No  |
| 2     | 0.3738 | 18.03 | 0.5   | 20      | 20.93     |      |      | Yes |
| 3     | 0.691  | 33.07 | 1     | 20      | 20.93     |      |      | Yes |
| 4     | 1.273  | 57.87 | 2     | 20      | 20.93     |      |      | Yes |
| 5     | 2.687  | 115.8 | 5     | 20      | 20.93     |      |      | Yes |
| 6     | 5.043  | 218.3 | 10    | 20      | 20.93     |      |      | Yes |
| 7     | 6.433  | 257   | 12.5  | 20      | 20.93     |      |      | No  |

## CALIBRATION OF COMPONENT SO4

Method: ANIONS 04-15-19.mtw  
 Equation:  $Q = 1.57585 \cdot A + 12.2881$   
 RSD: 4.607 %  
 Correlation coefficient: 0.999103



K3 = 0      K2 = 0      K1 = 1.57585      K0 = 12.2881

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     | 0.4773 | 17.86 | 1.5   | 20      | 24.2      |      | Yes  |
| 3     | 0.9123 | 33.88 | 3     | 20      | 24.2      |      | Yes  |
| 4     | 1.854  | 67.48 | 6     | 20      | 24.2      |      | Yes  |
| 5     | 4.781  | 171.3 | 15    | 20      | 24.2      |      | Yes  |
| 6     | 10.37  | 365.5 | 30    | 20      | 24.2      |      | Yes  |
| 7     | 13.6   | 477.5 | 37.5  | 20      | 24.2      |      | Yes  |

Report date: 4/15/2019 2:38:21 PM  
Printed by: wet

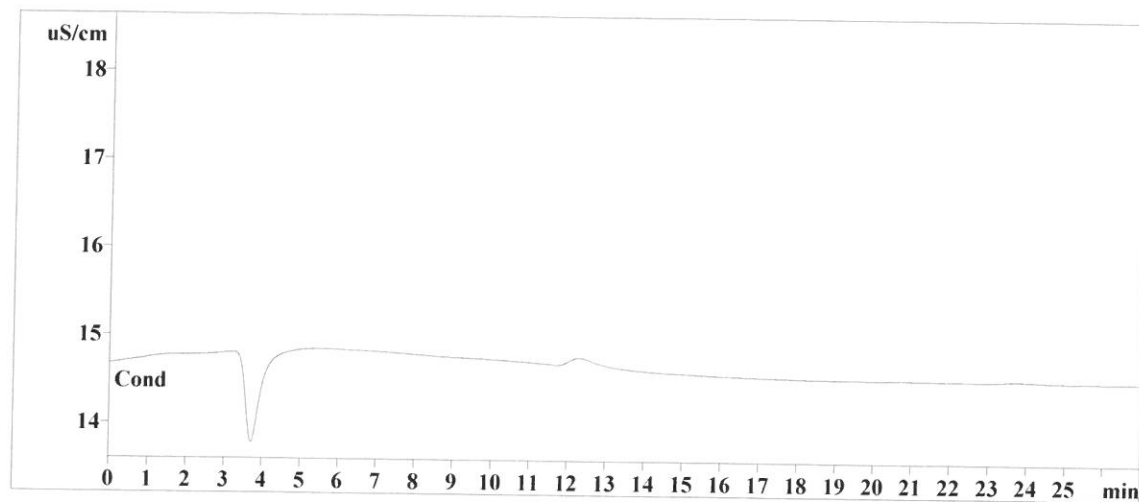
Ident: STD1  
Analysis from: 4/15/2019 9:37:21 AM  
File: \_2019-04-15\_

Last save: 4/15/2019 1:12:50 PM

Method: ANIONS 04-15-19.mtw  
Run operator: wet  
Analysis number: 66422

Last save: 4/15/2019 11:33:56 AM

SAMPLE:  
: AK/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: 4/15/2019 2:38:31 PM  
Printed by: wet

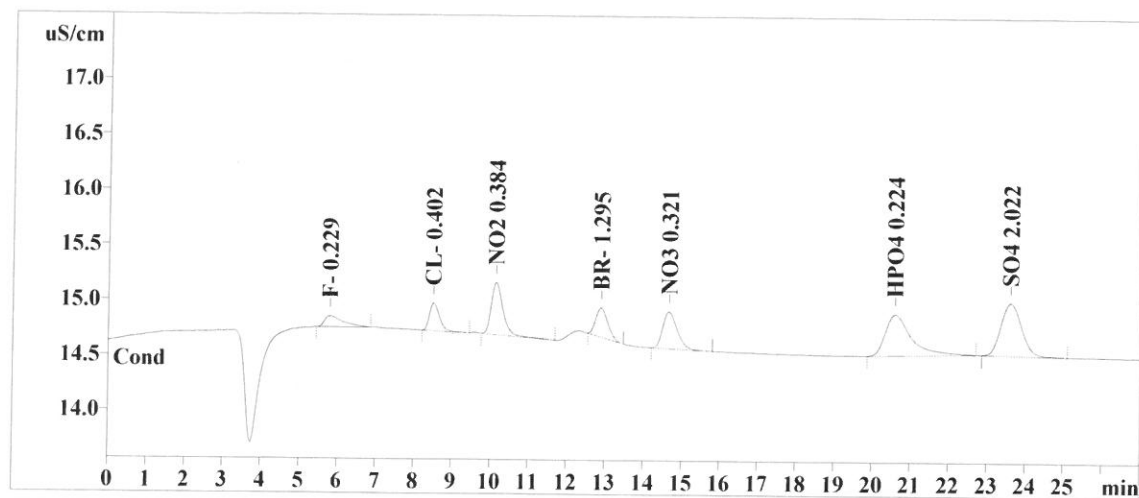
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Analysis from: 4/15/2019 10:07:16 AM  
File: \_2019-04-15\_

Last save: 4/15/2019 1:12:50 PM

Method: ANIONS 04-15-19.mtw  
Run operator: wet  
Analysis number: 66423

Last save: 4/15/2019 11:33:56 AM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.79             | 0.496          | 0.10            | 4.38        | 3.366             | 4.88      | 0. |
| 2  | 8.50             | 0.283          | 0.25            | 11.01       | 4.691             | 6.80      | 0. |
| 3  | 10.14            | 0.321          | 0.47            | 20.78       | 10.405            | 15.08     | 0. |
| 4  | 12.89            | 0.346          | 0.26            | 11.60       | 5.828             | 8.44      | 0. |
| 5  | 14.65            | 0.403          | 0.33            | 14.68       | 8.828             | 12.79     | 0. |
| 6  | 20.59            | 0.665          | 0.37            | 16.37       | 18.035            | 26.13     | 0. |
| 7  | 23.60            | 0.580          | 0.48            | 20.92       | 17.862            | 25.88     | 0. |
| 7  | 27.00            | 0.442          | 2.27            | 99.75       | 69.013            | 100.00    | 0. |

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Report date: 4/15/2019 2:38:40 PM  
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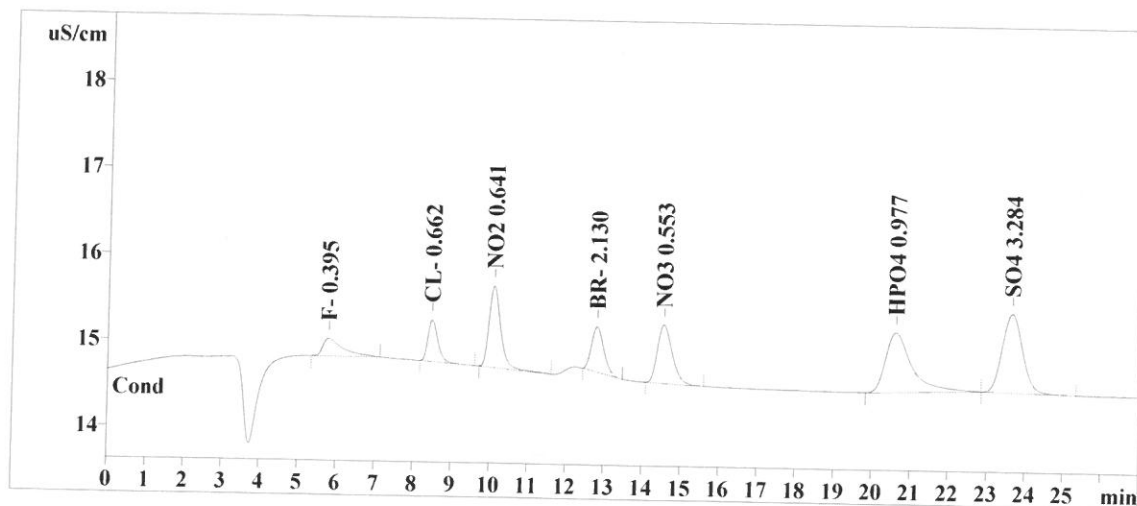
Ident: STD3  
 Analysis from: 4/15/2019 10:37:11 AM  
 File: \_2019-04-15\_

Last save: 4/15/2019 1:12:52 PM

Method: ANIONS 04-15-19.mtw  
 Run operator: wet  
 Analysis number: 66424

Last save: 4/15/2019 11:33:56 AM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.78             | 0.510          | 0.20            | 4.58        | 7.405             | 5.55      | 0. |
| 2  | 8.46             | 0.281          | 0.48            | 10.87       | 8.959             | 6.72      | 0. |
| 3  | 10.07            | 0.316          | 0.94            | 21.26       | 20.063            | 15.04     | 0. |
| 4  | 12.79            | 0.352          | 0.52            | 11.79       | 11.780            | 8.83      | 0. |
| 5  | 14.53            | 0.412          | 0.68            | 15.29       | 18.233            | 13.67     | 0. |
| 6  | 20.59            | 0.657          | 0.69            | 15.57       | 33.071            | 24.79     | 0. |
| 7  | 23.62            | 0.576          | 0.91            | 20.57       | 33.879            | 25.40     | 0. |
| 7  | 27.00            | 0.443          | 4.43            | 99.92       | 133.390           | 100.00    | 0. |

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Report date: 4/15/2019 2:39:12 PM  
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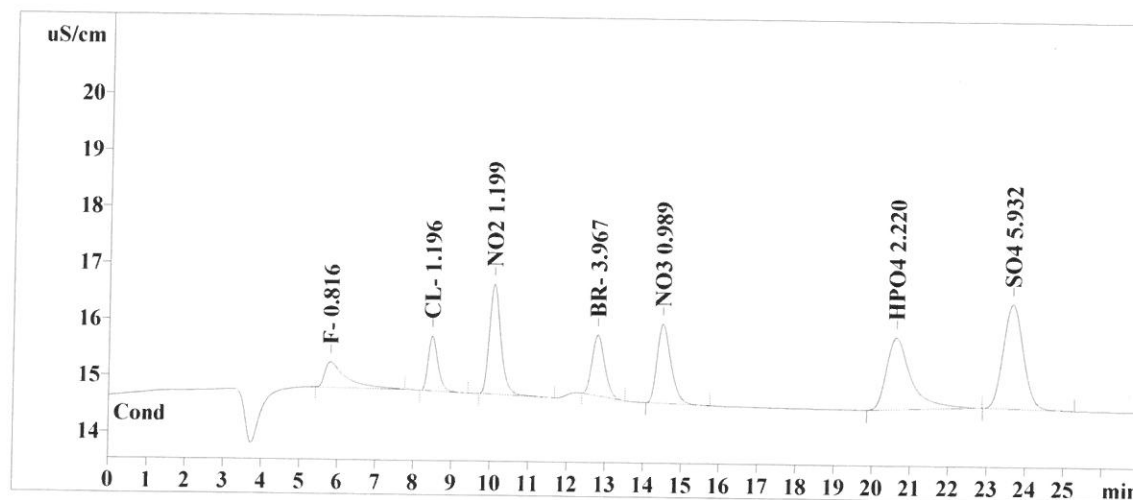
Ident: STD4  
Analysis from: 4/15/2019 11:07:06 AM  
File: \_2019-04-15\_

Last save: 4/15/2019 1:12:52 PM

Method: ANIONS 04-15-19.mtw  
Run operator: wet  
Analysis number: 66425

Last save: 4/15/2019 11:33:56 AM

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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.79             | 0.510          | 0.45            | 5.03        | 17.630            | 6.72      | 0. |
| 2  | 8.47             | 0.278          | 0.97            | 10.80       | 17.695            | 6.74      | 0. |
| 3  | 10.08            | 0.315          | 1.95            | 21.73       | 41.014            | 15.62     | 0. |
| 4  | 12.78            | 0.358          | 1.08            | 12.01       | 24.873            | 9.47      | 0. |
| 5  | 14.50            | 0.390          | 1.40            | 15.61       | 35.953            | 13.70     | 0. |
| 6  | 20.61            | 0.630          | 1.27            | 14.17       | 57.867            | 22.04     | 0. |
| 7  | 23.65            | 0.567          | 1.85            | 20.64       | 67.483            | 25.71     | 0. |
| 7  | 27.00            | 0.435          | 8.98            | 99.97       | 262.514           | 100.00    | 0. |

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Report date: 4/15/2019 2:39:27 PM  
 Printed by: wet

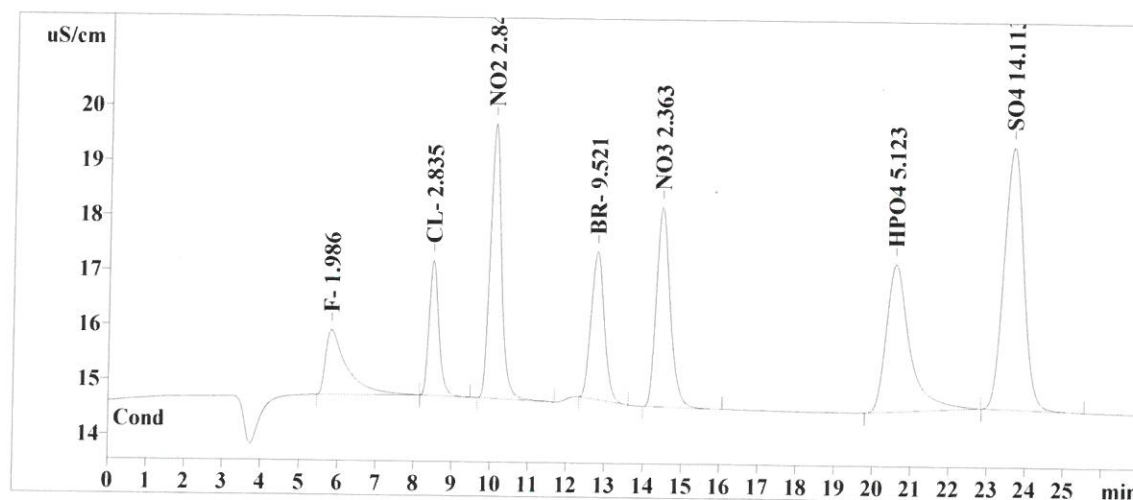
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 File: \_2019-04-15\_

Last save: 4/15/2019 1:12:52 PM

Method: ANIONS 04-15-19.mtw  
 Run operator: wet  
 Analysis number: 66426

Last save: 4/15/2019 11:33:56 AM

SAMPLE:  
 : AK/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  | 5.81             | 0.515          | 1.18            | 5.26        | 46.038            | 7.23      | 0. |
| 2  | 8.47             | 0.274          | 2.46            | 10.97       | 44.533            | 6.99      | 0. |
| 3  | 10.06            | 0.309          | 5.01            | 22.31       | 102.917           | 16.16     | 0. |
| 4  | 12.77            | 0.372          | 2.69            | 11.98       | 64.451            | 10.12     | 0. |
| 5  | 14.45            | 0.382          | 3.64            | 16.21       | 91.672            | 14.40     | 0. |
| 6  | 20.57            | 0.599          | 2.69            | 11.97       | 115.799           | 18.19     | 0. |
| 7  | 23.63            | 0.555          | 4.78            | 21.30       | 171.323           | 26.91     | 0. |
| 7  | 27.00            | 0.429          | 22.44           | 100.00      | 636.733           | 100.00    | 0. |

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Report date: 4/15/2019 2:39:35 PM  
 Printed by: wet

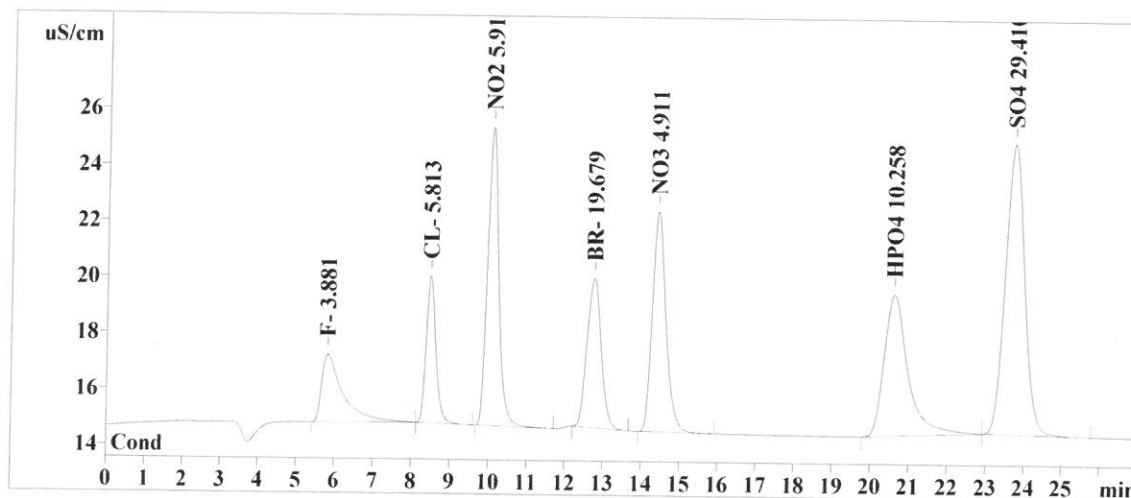
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 File: \_2019-04-15\_

Last save: 4/15/2019 1:12:52 PM

Method: ANIONS 04-15-19.mtw  
 Run operator: wet  
 Analysis number: 66427

Last save: 4/15/2019 11:33:56 AM

SAMPLE:  
 : AK/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  | 5.81             | 0.508          | 2.41            | 5.14        | 92.061            | 6.98      | 0. |
| 2  | 8.46             | 0.269          | 5.23            | 11.16       | 93.296            | 7.07      | 0. |
| 3  | 10.05            | 0.307          | 10.66           | 22.73       | 218.075           | 16.53     | 0. |
| 4  | 12.74            | 0.402          | 5.32            | 11.35       | 136.850           | 10.38     | 0. |
| 5  | 14.40            | 0.375          | 7.85            | 16.75       | 195.019           | 14.79     | 0. |
| 6  | 20.60            | 0.613          | 5.04            | 10.75       | 218.269           | 16.55     | 0. |
| 7  | 23.70            | 0.544          | 10.37           | 22.11       | 365.459           | 27.71     | 0. |
| 7  | 27.00            | 0.431          | 46.89           | 99.99       | 1319.028          | 100.00    | 0. |

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Report date: 4/15/2019 2:39:47 PM  
Printed by: wet

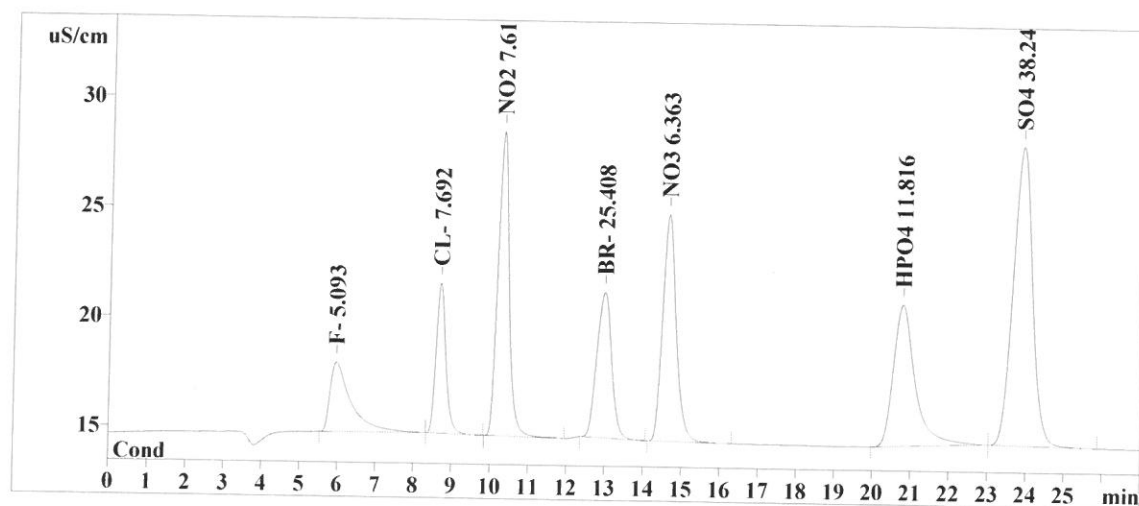
Ident: STD7  
Analysis from: 4/15/2019 12:36:51 PM  
File: \_2019-04-15\_

Last save: 4/15/2019 1:14:50 PM

Method: ANIONS 04-15-19.mtw  
Run operator: wet  
Analysis number: 66428

Last save: 4/15/2019 1:12:58 PM

SAMPLE:  
: AK/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  | 5.95             | 0.518          | 3.15            | 5.19        | 121.493           | 7.17      | 0. |
| 2  | 8.67             | 0.275          | 6.83            | 11.24       | 124.079           | 7.32      | 0. |
| 3  | 10.25            | 0.307          | 13.83           | 22.76       | 282.270           | 16.66     | 0. |
| 4  | 12.96            | 0.422          | 6.62            | 10.90       | 177.682           | 10.49     | 0. |
| 5  | 14.60            | 0.371          | 10.31           | 16.96       | 253.931           | 14.99     | 0. |
| 6  | 20.75            | 0.562          | 6.43            | 10.58       | 256.979           | 15.17     | 0. |
| 7  | 23.84            | 0.542          | 13.60           | 22.37       | 477.527           | 28.19     | 0. |
| 7  | 27.00            | 0.428          | 60.77           | 100.00      | 1693.961          | 100.00    | 0. |

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Report date: 4/15/2019 2:40:02 PM  
Printed by: wet

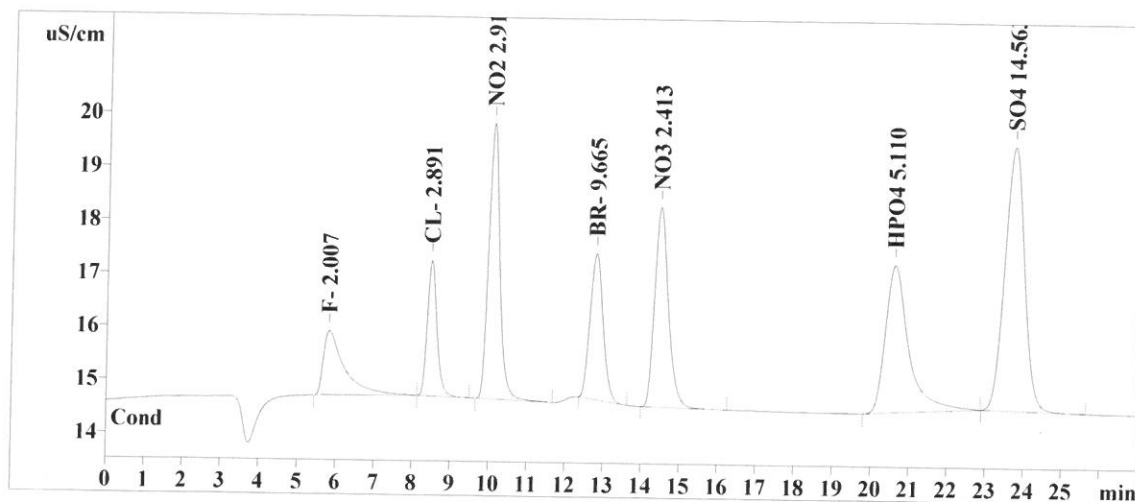
Ident: ICV  
Analysis from: 4/15/2019 1:18:04 PM  
File: \_2019-04-15\_

Last save: 4/15/2019 1:44:54 PM

Method: ANIONS 04-15-19.mtw  
Run operator: wet  
Analysis number: 66429

Last save: 4/15/2019 1:14:52 PM

SAMPLE:  
: AK/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  | 5.80             | 0.511          | 1.21            | 5.22        | 46.557            | 7.15      | 0. |
| 2  | 8.46             | 0.271          | 2.54            | 10.98       | 45.449            | 6.98      | 0. |
| 3  | 10.06            | 0.306          | 5.17            | 22.37       | 105.399           | 16.18     | 0. |
| 4  | 12.78            | 0.373          | 2.73            | 11.84       | 65.480            | 10.05     | 0. |
| 5  | 14.46            | 0.379          | 3.75            | 16.22       | 93.712            | 14.38     | 0. |
| 6  | 20.59            | 0.592          | 2.76            | 11.96       | 117.858           | 18.09     | 0. |
| 7  | 23.70            | 0.554          | 4.94            | 21.41       | 177.034           | 27.17     | 0. |
| 7  | 27.00            | 0.427          | 23.09           | 99.99       | 651.490           | 100.00    | 0. |

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Report date: 4/15/2019 2:40:10 PM  
Printed by: wet

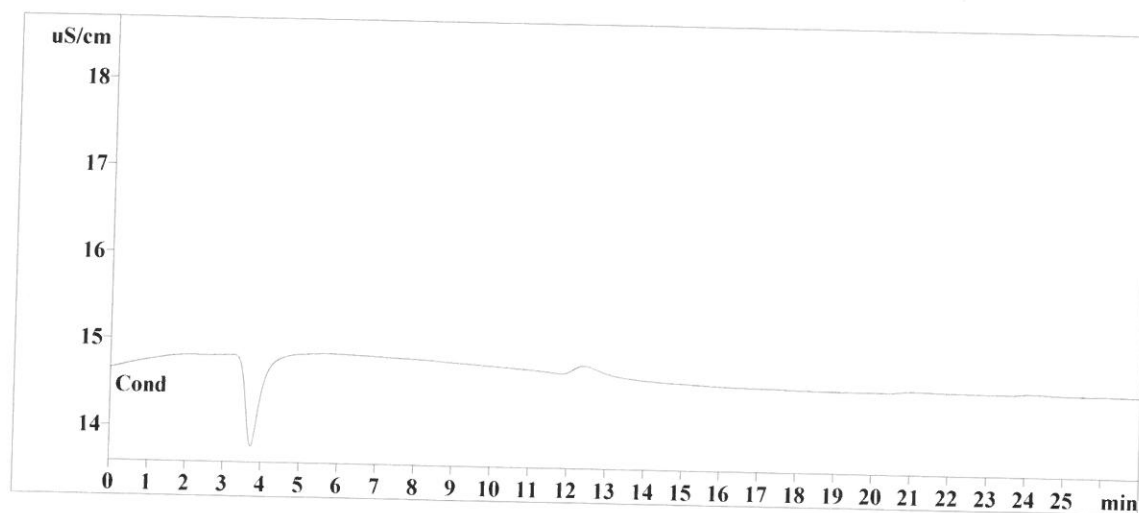
Ident: ICB  
Analysis from: 4/15/2019 1:48:16 PM  
File: \_2019-04-15\_

Last save: 4/15/2019 2:15:06 PM

Method: ANIONS 04-15-19.mtw  
Run operator: wet  
Analysis number: 66430

Last save: 4/15/2019 1:14:52 PM

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



Quantitation method: Custom

No peaks

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9056 A 5012  
03/01RE

Report date: 5/1/2019 11:48:37 AM  
Printed by: wet

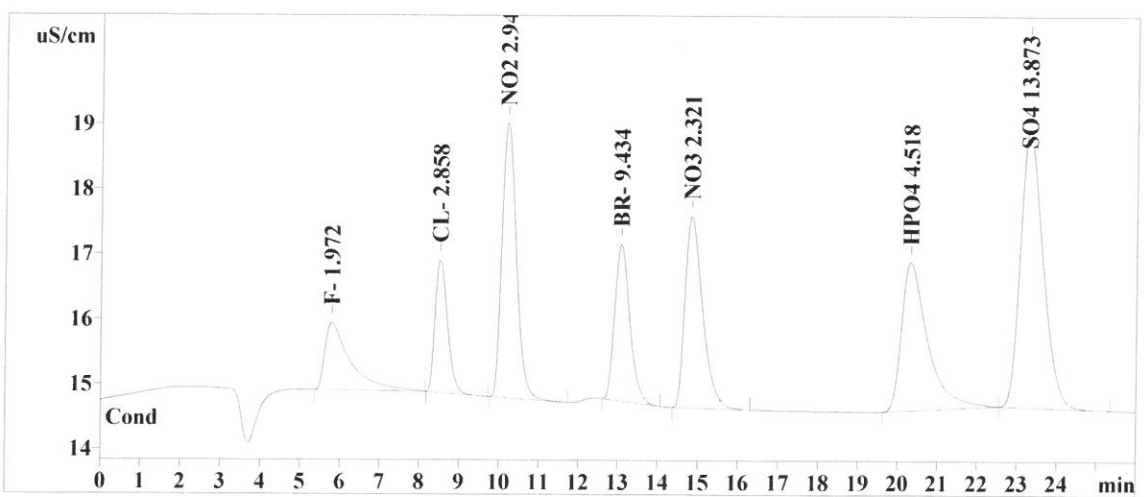
Ident: CCV  
Analysis from: 4/30/2019 8:14:14 AM  
File: \_2019-04-30\_

Last save: 4/30/2019 8:40:04 AM

Method: ANIONS 04-15-19.mtw  
Run operator: wet  
Analysis number: 66680

Last save: 4/29/2019 9:10:34 AM

SAMPLE:  
: AK/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  | 5.78             | 0.587          | 1.03            | 5.38        | 45.699            | 7.31      | 0. |
| 2  | 8.51             | 0.341          | 2.04            | 10.62       | 44.911            | 7.19      | 0. |
| 3  | 10.19            | 0.391          | 4.22            | 22.00       | 106.746           | 17.08     | 0. |
| 4  | 13.06            | 0.407          | 2.41            | 12.53       | 63.834            | 10.21     | 0. |
| 5  | 14.83            | 0.465          | 2.94            | 15.31       | 89.954            | 14.39     | 0. |
| 6  | 20.31            | 0.659          | 2.28            | 11.89       | 105.587           | 16.89     | 0. |
| 7  | 23.29            | 0.606          | 4.27            | 22.26       | 168.275           | 26.92     | 0. |
| 7  | 26.00            | 0.494          | 19.20           | 99.99       | 625.006           | 100.00    | 0. |

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Report date: 5/1/2019 11:48:53 AM  
Printed by: wet

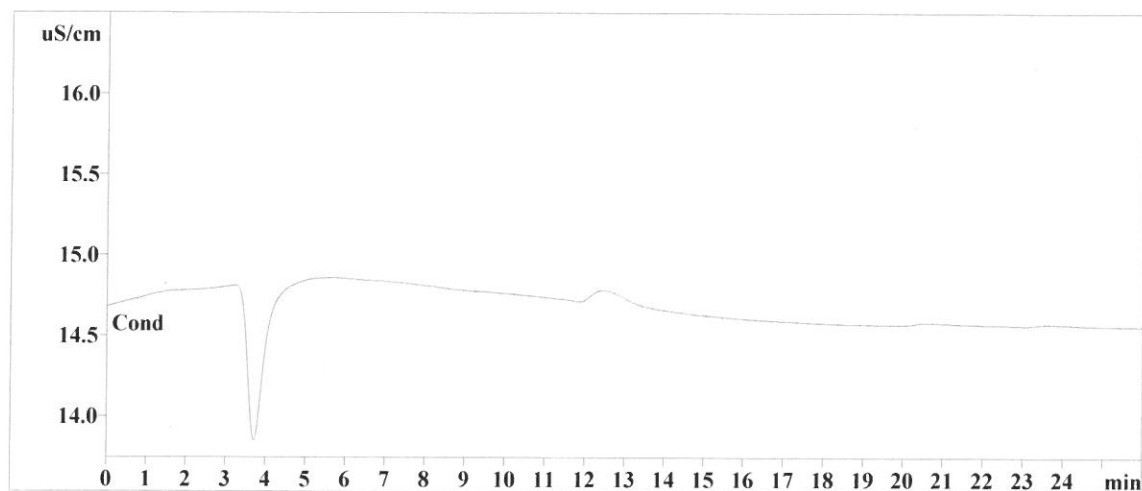
Ident: CCB  
Analysis from: 4/30/2019 8:56:17 AM  
File: \_2019-04-30\_

Last save: 5/1/2019 11:48:52 AM

Method: ANIONS 04-15-19.mtw  
Run operator: wet  
Analysis number: 66681

Last save: 4/29/2019 9:10:34 AM

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



Quantitation method: Custom

No peaks

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Report date: 5/1/2019 11:49:00 AM  
Printed by: wet

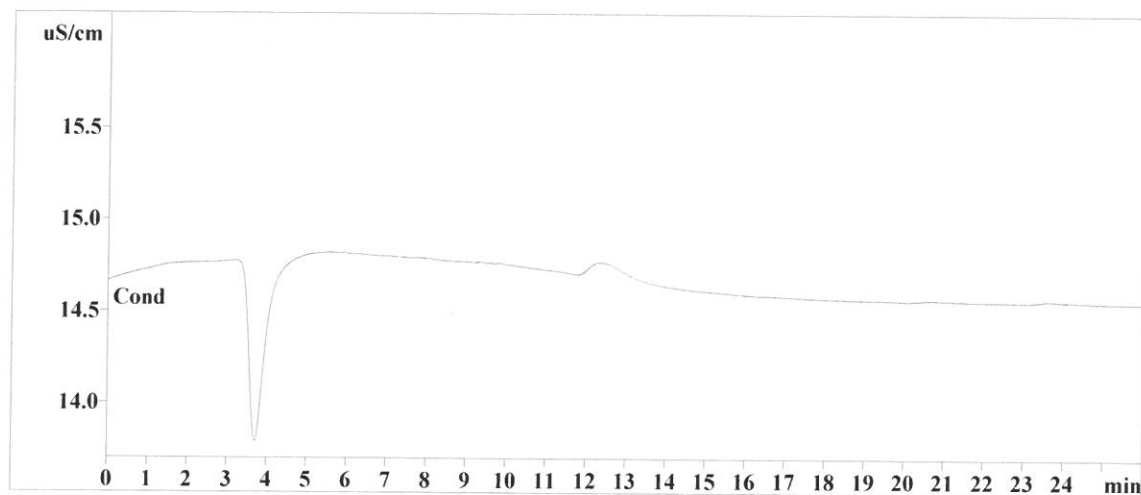
Ident: LB102463BLS  
Analysis from: 4/30/2019 9:25:13 AM  
File: \_2019-04-30\_

Last save: 5/1/2019 11:48:26 AM

Method: ANIONS 04-15-19.mtw  
Run operator: wet  
Analysis number: 66682

Last save: 4/29/2019 9:10:34 AM

SAMPLE: 5.01g/100mL  
: AK/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: 5/1/2019 11:49:06 AM  
Printed by: wet

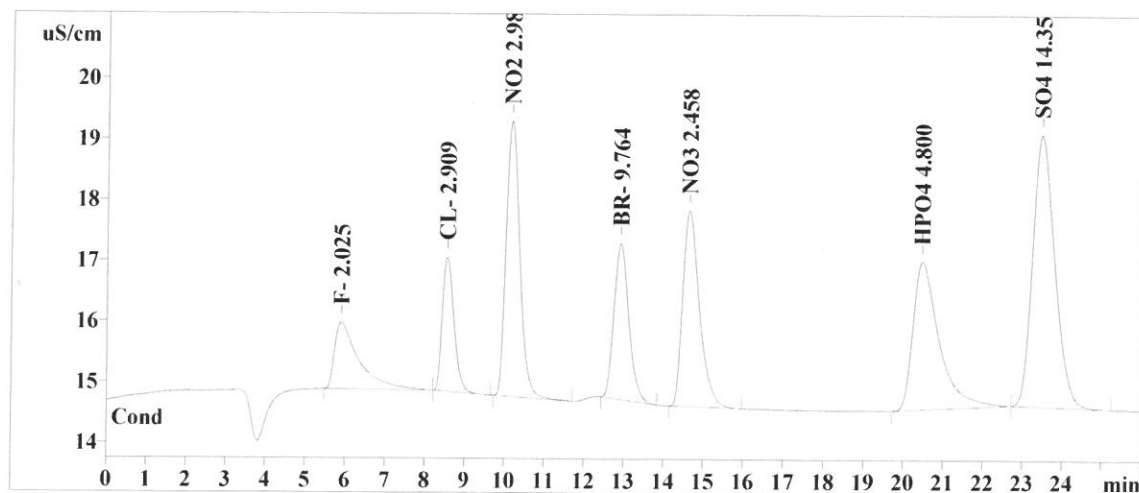
Ident: LB102463BSS  
Analysis from: 4/30/2019 9:54:08 AM  
File: \_2019-04-30\_

Last save: 5/1/2019 11:48:26 AM

Method: ANIONS 04-15-19.mtw  
Run operator: wet  
Analysis number: 66683

Last save: 4/29/2019 9:10:34 AM

SAMPLE: 5.02g/10mL  
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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.89             | 0.573          | 1.10            | 5.36        | 46.983            | 7.25      | 0. |
| 2  | 8.54             | 0.320          | 2.20            | 10.74       | 45.751            | 7.06      | 0. |
| 3  | 10.16            | 0.368          | 4.52            | 22.04       | 108.072           | 16.67     | 0. |
| 4  | 12.90            | 0.396          | 2.56            | 12.50       | 66.185            | 10.21     | 0. |
| 5  | 14.63            | 0.451          | 3.21            | 15.68       | 95.535            | 14.73     | 0. |
| 6  | 20.46            | 0.652          | 2.43            | 11.86       | 111.429           | 17.19     | 0. |
| 7  | 23.45            | 0.602          | 4.47            | 21.80       | 174.437           | 26.90     | 0. |
| 7  | 26.00            | 0.480          | 20.50           | 99.99       | 648.394           | 100.00    | 0. |

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Report date: 5/1/2019 11:49:15 AM  
Printed by: wet

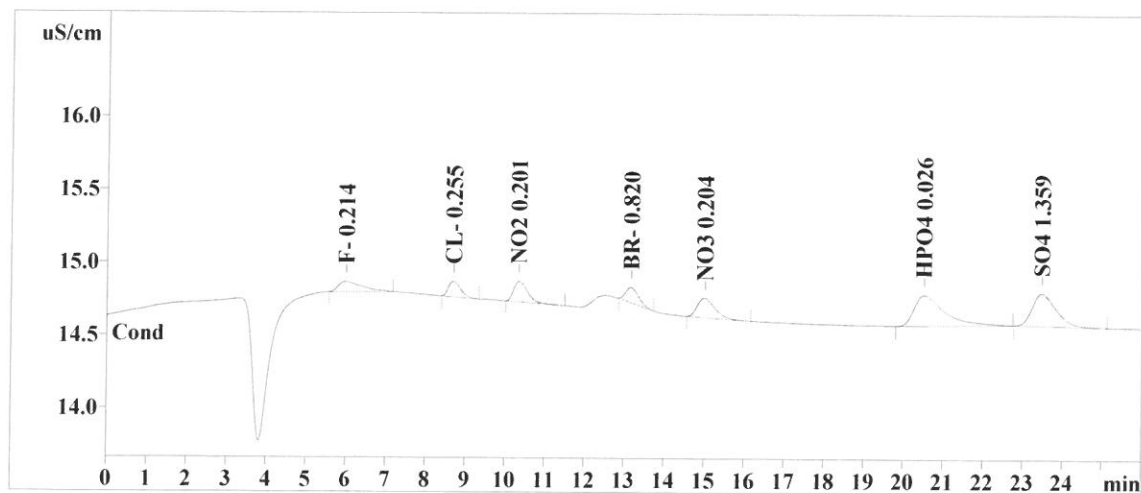
Ident: K2241-03  
Analysis from: 4/30/2019 12:12:11 PM  
File: \_2019-04-30\_

Last save: 5/1/2019 11:48:26 AM

Method: ANIONS 04-15-19.mtw  
Run operator: wet  
Analysis number: 66685

Last save: 4/29/2019 9:10:34 AM

SAMPLE: 5.00g/100mL  
: AK/AP  
Vial number: 17  
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  | 6.00             | 0.656          | 0.07            | 7.08        | 2.996             | 8.30      | 0. |
| 2  | 8.69             | 0.333          | 0.11            | 10.78       | 2.293             | 6.35      | 0. |
| 3  | 10.34            | 0.377          | 0.14            | 14.18       | 3.525             | 9.77      | 0. |
| 4  | 13.18            | 0.369          | 0.11            | 10.62       | 2.442             | 6.77      | 0. |
| 5  | 14.99            | 0.467          | 0.13            | 13.46       | 4.104             | 11.37     | 0. |
| 6  | 20.51            | 0.753          | 0.21            | 21.04       | 11.283            | 31.27     | 0. |
| 7  | 23.47            | 0.649          | 0.22            | 22.38       | 9.444             | 26.17     | 0. |
| 7  | 26.00            | 0.515          | 0.99            | 99.54       | 36.088            | 100.00    | 0. |

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Report date: 5/1/2019 11:49:23 AM  
Printed by: wet

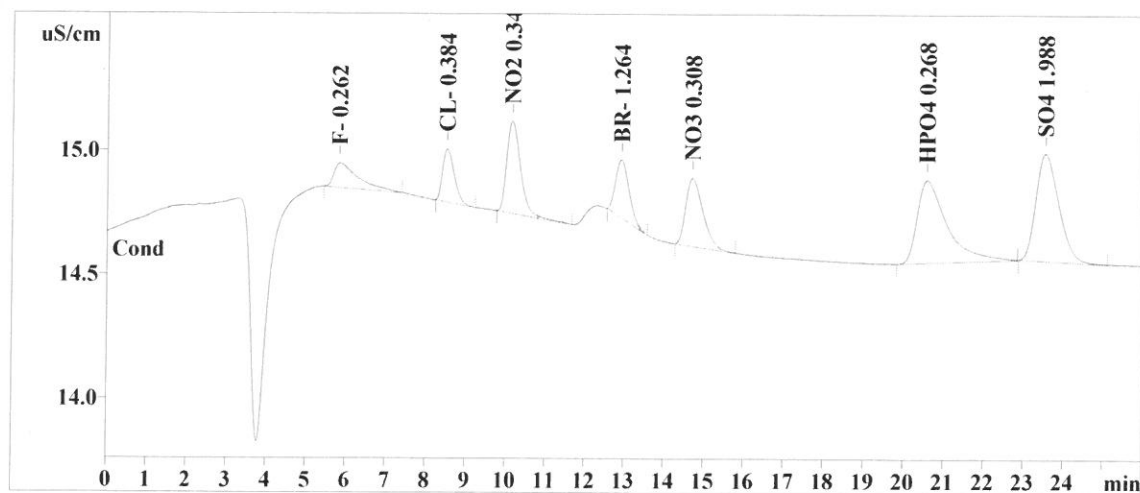
Ident: K2241-01RE  
Analysis from: 4/30/2019 1:38:58 PM  
File: \_2019-04-30\_

Last save: 5/1/2019 11:48:26 AM

Method: ANIONS 04-15-19.mtw  
Run operator: wet  
Analysis number: 66688

Last save: 4/29/2019 9:10:34 AM

SAMPLE: 5.01g/100mL  
: AK/AP  
Vial number: 18  
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  | 5.85             | 0.583          | 0.10            | 5.06        | 4.166             | 6.27      | 0. |
| 2  | 8.52             | 0.321          | 0.21            | 10.89       | 4.397             | 6.62      | 0. |
| 3  | 10.14            | 0.370          | 0.37            | 18.87       | 9.075             | 13.66     | 0. |
| 4  | 12.91            | 0.377          | 0.23            | 11.90       | 5.606             | 8.44      | 0. |
| 5  | 14.70            | 0.464          | 0.28            | 14.03       | 8.327             | 12.54     | 0. |
| 6  | 20.57            | 0.727          | 0.33            | 16.99       | 17.409            | 26.21     | 0. |
| 7  | 23.52            | 0.624          | 0.43            | 22.08       | 17.437            | 26.25     | 0. |
| 7  | 26.00            | 0.495          | 1.96            | 99.81       | 66.416            | 100.00    | 0. |

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Report date: 5/1/2019 11:49:34 AM  
Printed by: wet

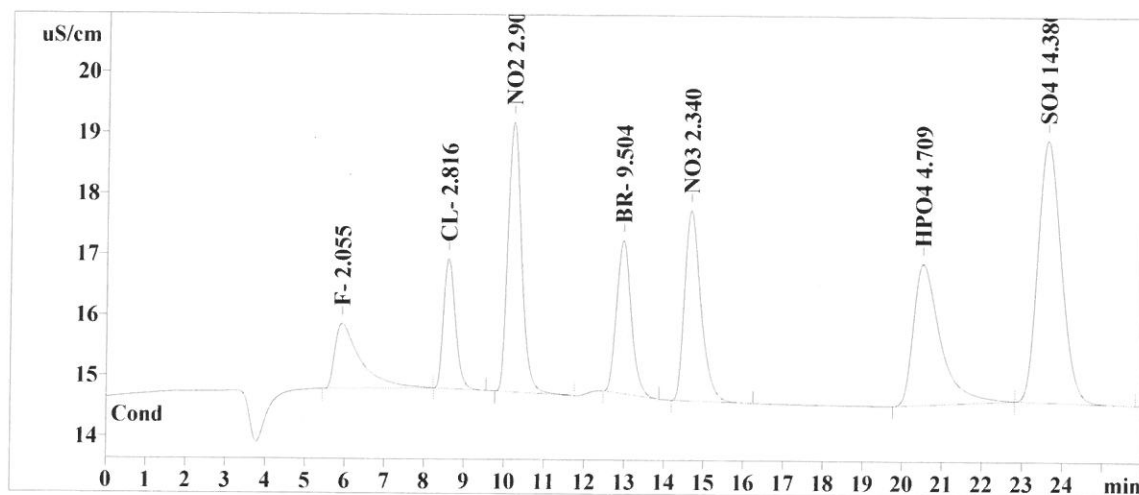
Ident: CCV  
Analysis from: 4/30/2019 2:07:53 PM  
File: \_2019-04-30\_

Last save: 4/30/2019 2:33:44 PM

Method: ANIONS 04-15-19.mtw  
Run operator: wet  
Analysis number: 66689

Last save: 4/29/2019 9:10:34 AM

SAMPLE:  
: AK/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  | 5.92             | 0.605          | 1.07            | 5.37        | 47.721            | 7.50      | 0. |
| 2  | 8.59             | 0.320          | 2.13            | 10.72       | 44.225            | 6.95      | 0. |
| 3  | 10.20            | 0.365          | 4.43            | 22.26       | 105.231           | 16.53     | 0. |
| 4  | 12.94            | 0.392          | 2.52            | 12.64       | 64.332            | 10.11     | 0. |
| 5  | 14.65            | 0.440          | 3.12            | 15.69       | 90.723            | 14.25     | 0. |
| 6  | 20.50            | 0.673          | 2.32            | 11.67       | 109.550           | 17.21     | 0. |
| 7  | 23.59            | 0.630          | 4.31            | 21.64       | 174.702           | 27.45     | 0. |
| 7  | 26.00            | 0.489          | 19.90           | 99.99       | 636.485           | 100.00    | 0. |

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Report date: 5/1/2019 11:49:48 AM  
Printed by: wet

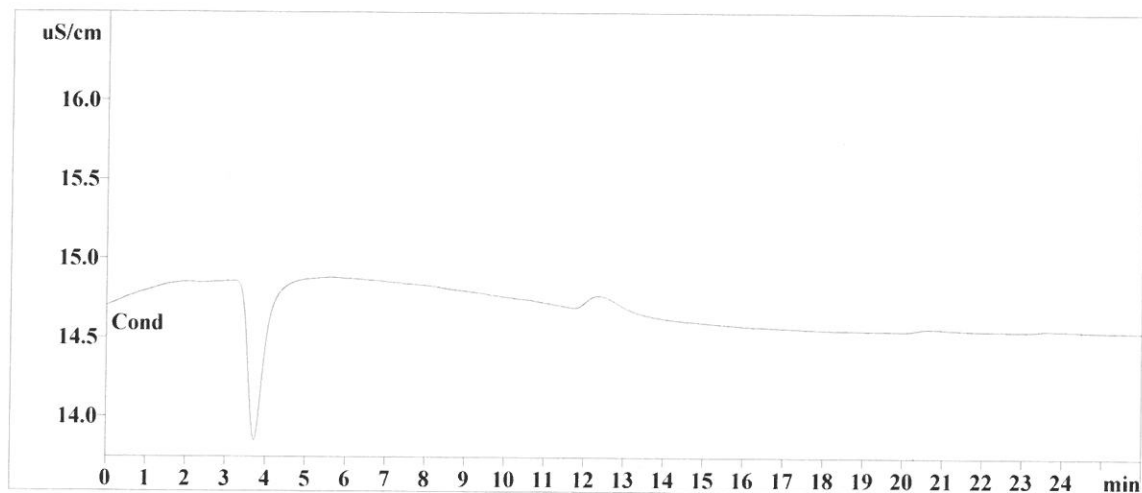
Ident: CCB  
Analysis from: 4/30/2019 2:36:49 PM  
File: \_2019-04-30\_

Last save: 5/1/2019 11:49:48 AM

Method: ANIONS 04-15-19.mtw  
Run operator: wet  
Analysis number: 66690

Last save: 4/29/2019 9:10:34 AM

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



Quantitation method: Custom

No peaks

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