

Clear table

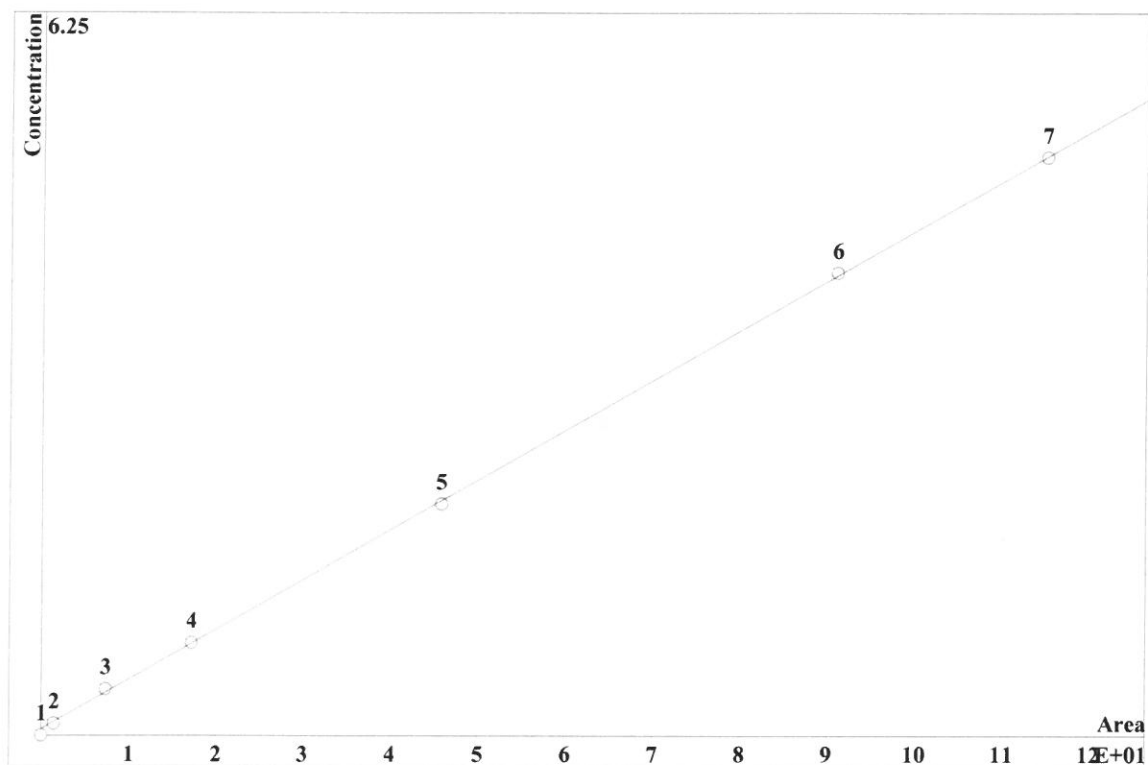
| ident       | concentrati<br>on F- | concentrati<br>on CL- | concentrati<br>on NO2 | concentrati<br>on BR- | concentrati<br>on NO3 | concentrati<br>on HPO4 | concentrati<br>on SO4 | file name    | date time     |
|-------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|--------------|---------------|
| STD1        | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | _2017-07-11_ | 7/11/17 10:41 |
| STD2        | 0.1180               | 0.2030                | 0.2310                | 0.5890                | 0.1680                | 0.0270                 | 1.1600                | _2017-07-11_ | 7/11/17 11:10 |
| STD3        | 0.3720               | 0.6110                | 0.6240                | 2.0280                | 0.5170                | 0.9480                 | 3.1350                | _2017-07-11_ | 7/11/17 11:39 |
| STD4        | 0.7960               | 1.1730                | 1.1580                | 3.9610                | 0.9930                | 2.2080                 | 5.8440                | _2017-07-11_ | 7/11/17 12:08 |
| STD5        | 2.0290               | 2.9370                | 2.8980                | 9.8240                | 2.4170                | 5.1920                 | 14.3810               | _2017-07-11_ | 7/11/17 12:37 |
| STD6        | 3.9780               | 5.9980                | 5.9920                | 20.1380               | 4.9970                | 9.9380                 | 29.9690               | _2017-07-11_ | 7/11/17 13:06 |
| STD7        | 5.0080               | 7.5280                | 7.5480                | 24.9600               | 6.2820                | 12.4370                | 37.7610               | _2017-07-11_ | 7/11/17 13:35 |
| ICV         | 2.0900               | 2.9830                | 3.0120                | 10.2660               | 2.5270                | 5.3330                 | 14.7140               | _2017-07-11_ | 7/11/17 15:03 |
| ICB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | _2017-07-11_ | 7/11/17 15:32 |
| CCV         | 2.1790               | 3.0390                | 2.9460                | 10.1760               | 2.5050                | 4.8320                 | 14.4680               | _2017-07-21_ | 7/21/17 10:16 |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | _2017-07-21_ | 7/21/17 10:45 |
| LB88864BLW  | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | _2017-07-21_ | 7/21/17 11:14 |
| LB88864BSW  | 2.1190               | 2.9650                | 2.9270                | 10.0070               | 2.4430                | 4.8460                 | 14.6170               | _2017-07-21_ | 7/21/17 11:42 |
| I4365-01    | 0.0000               | 2.8740                | 0.0000                | 2.1710                | 0.0000                | 0.0000                 | 31.9720               | _2017-07-21_ | 7/21/17 12:11 |
| I4365-02    | 0.0000               | 15.3350               | 0.0000                | 1.5990                | 0.6070                | 0.0000                 | 13.0510               | _2017-07-21_ | 7/21/17 12:40 |
| I4365-03    | 0.0000               | 6.2150                | 0.0000                | 1.7300                | 0.0000                | 0.0000                 | 14.0180               | _2017-07-21_ | 7/21/17 13:09 |
| I4365-04    | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | _2017-07-21_ | 7/21/17 13:38 |
| I4365-01DUP | 0.0000               | 2.7610                | 0.0000                | 2.0070                | 0.1220                | 0.0000                 | 32.0220               | _2017-07-21_ | 7/21/17 14:07 |
| I4374-01    | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | _2017-07-21_ | 7/21/17 14:36 |
| I4365-01MS  | 2.2910               | 5.6290                | 2.9320                | 11.9790               | 2.7040                | 4.8390                 | 45.8870               | _2017-07-21_ | 7/21/17 15:05 |
| CCV         | 2.0010               | 2.9930                | 3.0530                | 10.0520               | 2.4700                | 4.6510                 | 14.4620               | _2017-07-21_ | 7/21/17 15:34 |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | _2017-07-21_ | 7/21/17 16:03 |

M300.0  
AD SCA  
H2N/12

IC-1  
7-11-17

# CALIBRATION OF COMPONENT F-

Method: ANIONS 07-11-17.mtw  
Equation:  $Q = 0.861053 \cdot A + 1.10647$   
RSD: 1.232 %  
Correlation coefficient: 0.999938

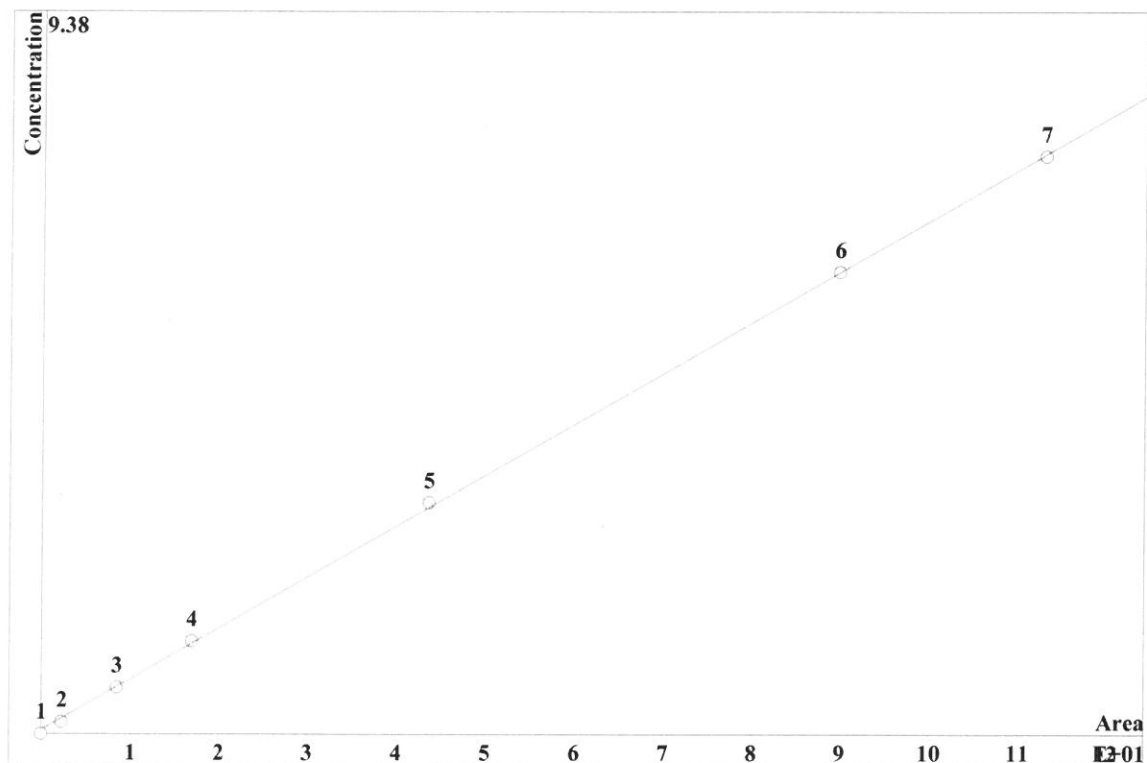


K3 = 0      K2 = 0      K1 = 0.861053      K0 = 1.10647  
Base: Area  
Ref.channel: Cond  
ISTD:  
Formula: Linear  
Weight: 1

| Level | Height  | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|---------|-------|-------|---------|-----------|------|------|
| 1     | 0       | 0     | 0     | 0       | 0         | No   |      |
| 2     | 0.06832 | 1.446 | 0.1   | 20      | 5.72      | Yes  |      |
| 3     | 0.3217  | 7.345 | 0.4   | 20      | 5.72      | Yes  |      |
| 4     | 0.7336  | 17.2  | 0.8   | 20      | 5.72      | Yes  |      |
| 5     | 1.996   | 45.84 | 2     | 20      | 5.72      | Yes  |      |
| 6     | 4.193   | 91.1  | 4     | 20      | 5.72      | Yes  |      |
| 7     | 5.265   | 115   | 5     | 20      | 5.72      | Yes  |      |

CALIBRATION OF COMPONENT CL-

Method: ANIONS 07-11-17.mtw  
 Equation:  $Q = 1.32378 \cdot A + 1.02533$   
 RSD: 1.499 %  
 Correlation coefficient: 0.999908

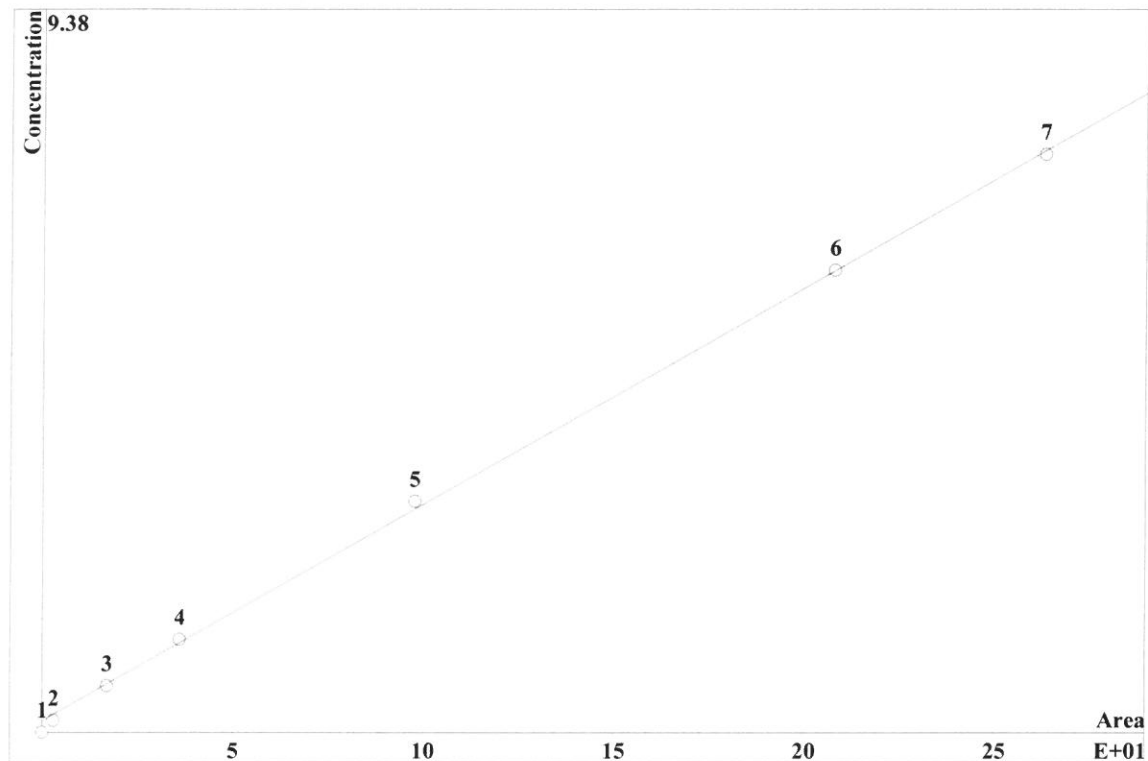


K3 = 0      K2 = 0      K1 = 1.32378      K0 = 1.02533  
 Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         | No   |      |
| 2     | 0.1087 | 2.297 | 0.15  | 20      | 8.411     | Yes  |      |
| 3     | 0.4389 | 8.457 | 0.6   | 20      | 8.411     | Yes  |      |
| 4     | 0.8963 | 16.94 | 1.2   | 20      | 8.411     | Yes  |      |
| 5     | 2.313  | 43.6  | 3     | 20      | 8.411     | Yes  |      |
| 6     | 4.834  | 89.84 | 6     | 20      | 8.411     | Yes  |      |
| 7     | 6.056  | 113   | 7.5   | 20      | 8.411     | Yes  |      |

CALIBRATION OF COMPONENT NO2

Method: ANIONS 07-11-17.mtw  
 Equation:  $Q = 0.562432 \cdot A + 2.94942$   
 RSD: 2.396 %  
 Correlation coefficient: 0.999766

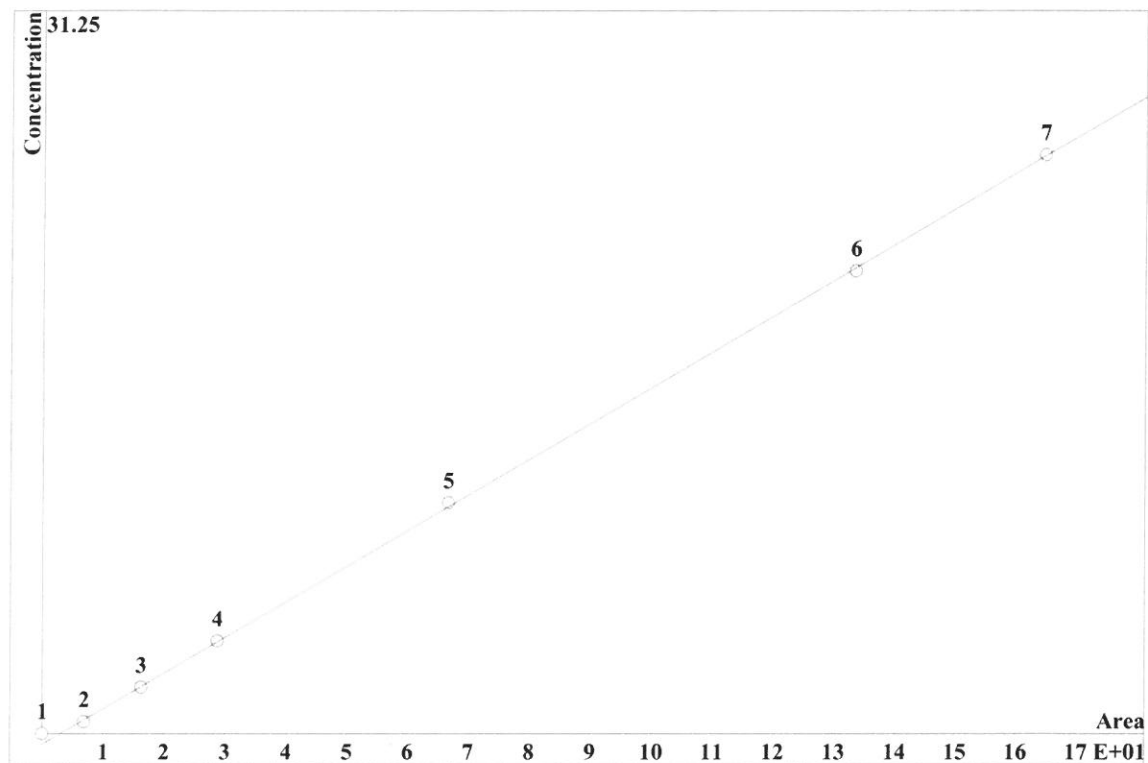


K3 = 0      K2 = 0      K1 = 0.562432      K0 = 2.94942  
 Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | No   |
| 2     | 0.1363 | 2.964 | 0.15  | 20      | 9.95      | Yes  |      |
| 3     | 0.7893 | 16.95 | 0.6   | 20      | 9.95      | Yes  |      |
| 4     | 1.72   | 35.93 | 1.2   | 20      | 9.95      | Yes  |      |
| 5     | 4.769  | 97.8  | 3     | 20      | 9.95      | Yes  |      |
| 6     | 10.21  | 207.8 | 6     | 20      | 9.95      | Yes  |      |
| 7     | 12.73  | 263.2 | 7.5   | 20      | 9.95      | Yes  |      |

CALIBRATION OF COMPONENT BR-

Method: ANIONS 07-11-17.mtw  
 Equation:  $Q = 3.08748 \cdot A - 9.48858$   
 RSD: 1.211 %  
 Correlation coefficient: 0.999940

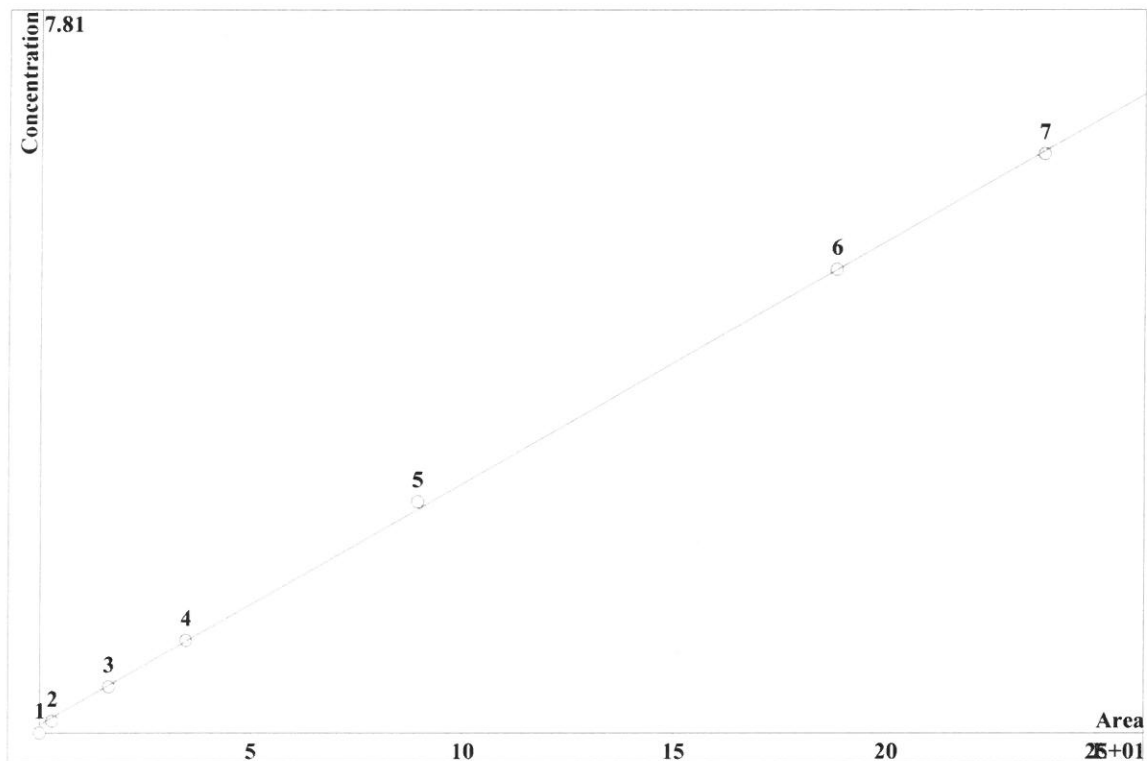


K3 = 0      K2 = 0      K1 = 3.08748      K0 = -9.48858  
 Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         | No   |      |
| 2     | 0.1874 | 6.887 | 0.5   | 20      | 12.61     | Yes  |      |
| 3     | 0.4669 | 16.21 | 2     | 20      | 12.61     | Yes  |      |
| 4     | 0.8161 | 28.73 | 4     | 20      | 12.61     | Yes  |      |
| 5     | 1.778  | 66.71 | 10    | 20      | 12.61     | Yes  |      |
| 6     | 3.237  | 133.5 | 20    | 20      | 12.61     | Yes  |      |
| 7     | 3.857  | 164.8 | 25    | 20      | 12.61     | Yes  |      |

CALIBRATION OF COMPONENT NO3

Method: ANIONS 07-11-17.mtw  
 Equation:  $Q = 0.521641 \cdot A + 1.78354$   
 RSD: 1.957 %  
 Correlation coefficient: 0.999844



K3 = 0      K2 = 0      K1 = 0.521641      K0 = 1.78354

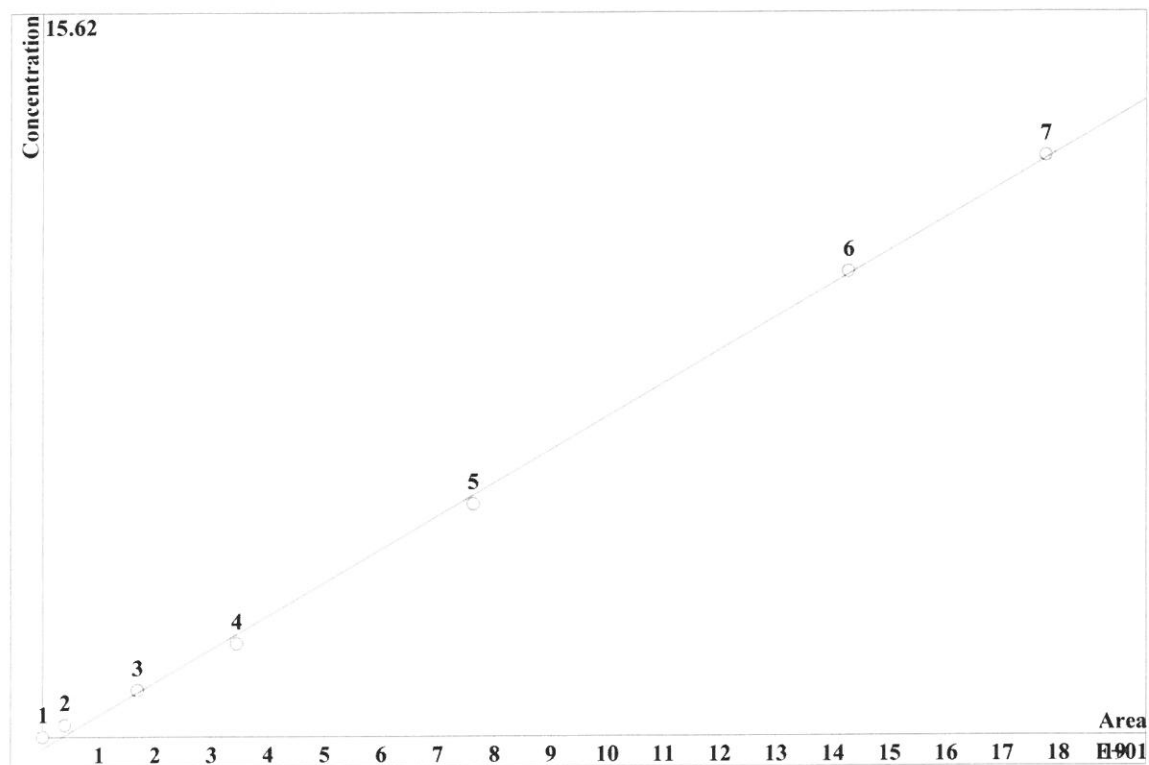
Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | No   |
| 2     | 0.1166 | 3.012 | 0.125 | 20      | 14.11     | Yes  |      |
| 3     | 0.637  | 16.42 | 0.5   | 20      | 14.11     | Yes  |      |
| 4     | 1.334  | 34.64 | 1     | 20      | 14.11     | Yes  |      |
| 5     | 3.498  | 89.27 | 2.5   | 20      | 14.11     | Yes  |      |
| 6     | 7.391  | 188.2 | 5     | 20      | 14.11     | Yes  |      |
| 7     | 9.285  | 237.5 | 6.25  | 20      | 14.11     | Yes  |      |

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CALIBRATION OF COMPONENT HPO4

Method: ANIONS 07-11-17.mtw  
 Equation:  $Q = 1.42734 \cdot A - 5.10864$   
 RSD: 3.656 %  
 Correlation coefficient: 0.999454

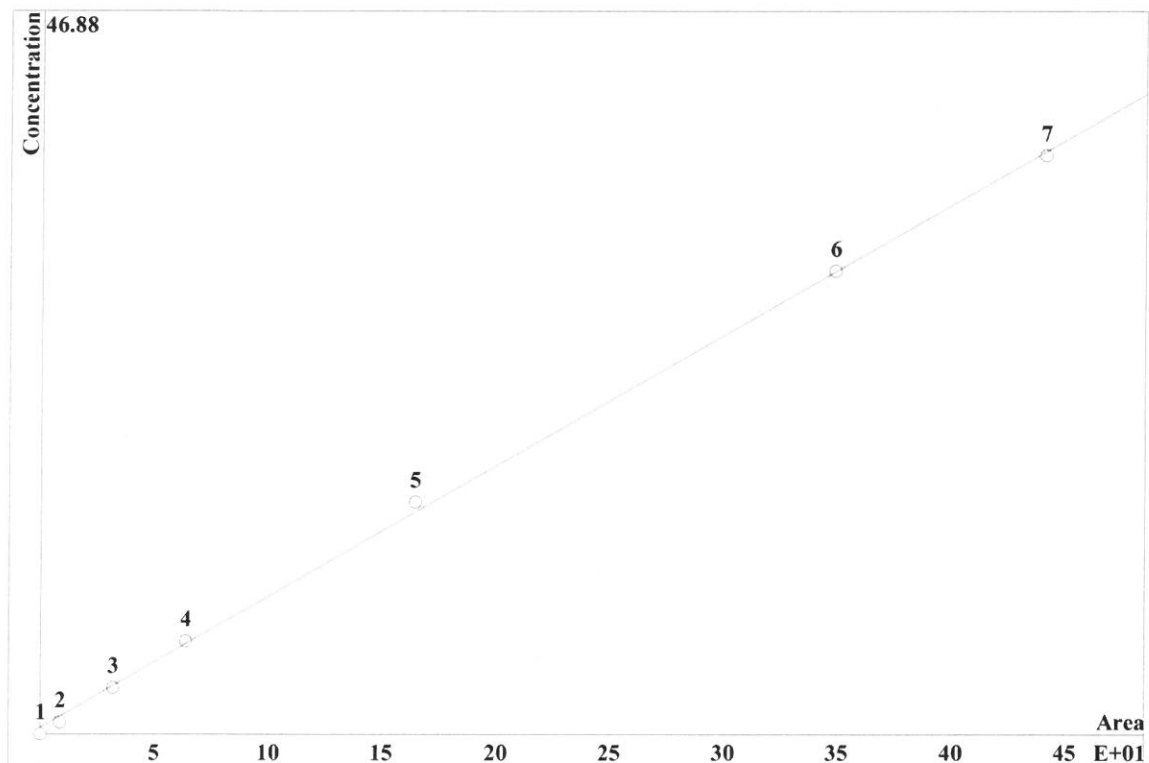


K3 = 0      K2 = 0      K1 = 1.42734      K0 = -5.10864  
 Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height  | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|---------|-------|-------|---------|-----------|------|------|
| 1     |         | 0     | 0     | 0       | 0         |      | No   |
| 2     | 0.06101 | 3.957 | 0.25  | 20      | 20.8      | Yes  |      |
| 3     | 0.2755  | 16.87 | 1     | 20      | 20.8      | Yes  |      |
| 4     | 0.5854  | 34.51 | 2     | 20      | 20.8      | Yes  |      |
| 5     | 1.384   | 76.34 | 5     | 20      | 20.8      | Yes  |      |
| 6     | 2.746   | 142.8 | 10    | 20      | 20.8      | Yes  |      |
| 7     | 3.493   | 177.8 | 12.5  | 20      | 20.8      | Yes  |      |

CALIBRATION OF COMPONENT SO4

Method: ANIONS 07-11-17.mtw  
 Equation:  $Q = 1.69309 \cdot A + 8.53567$   
 RSD: 2.648 %  
 Correlation coefficient: 0.999714



K3 = 0      K2 = 0      K1 = 1.69309      K0 = 8.53567  
 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     | 0.2149 | 8.665 | 0.75  | 20      | 23.28     | Yes  |      |
| 3     | 0.8445 | 32    | 3     | 20      | 23.28     | Yes  |      |
| 4     | 1.728  | 63.99 | 6     | 20      | 23.28     | Yes  |      |
| 5     | 4.535  | 164.8 | 15    | 20      | 23.28     | Yes  |      |
| 6     | 9.788  | 349   | 30    | 20      | 23.28     | Yes  |      |
| 7     | 12.4   | 441   | 37.5  | 20      | 23.28     | Yes  |      |



Report date: 7/11/2017 2:05:17 PM  
Printed by: wet

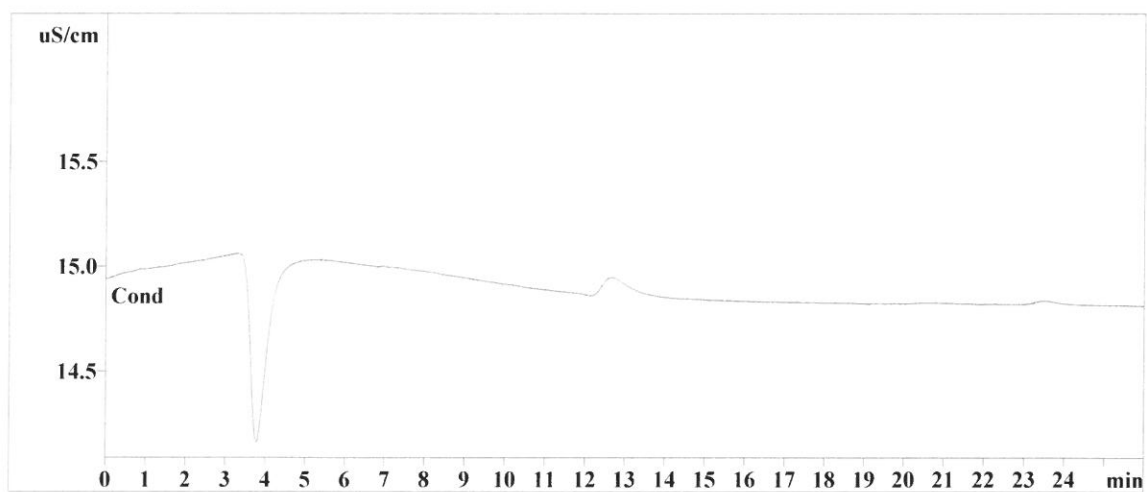
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Analysis from: 7/11/2017 10:41:58 AM  
File: \_2017-07-11\_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58337

Last save: 7/11/2017 9:41:46 AM

SAMPLE:  
:  
Vial number: 2  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

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Report date: 7/11/2017 2:05:25 PM  
Printed by: wet

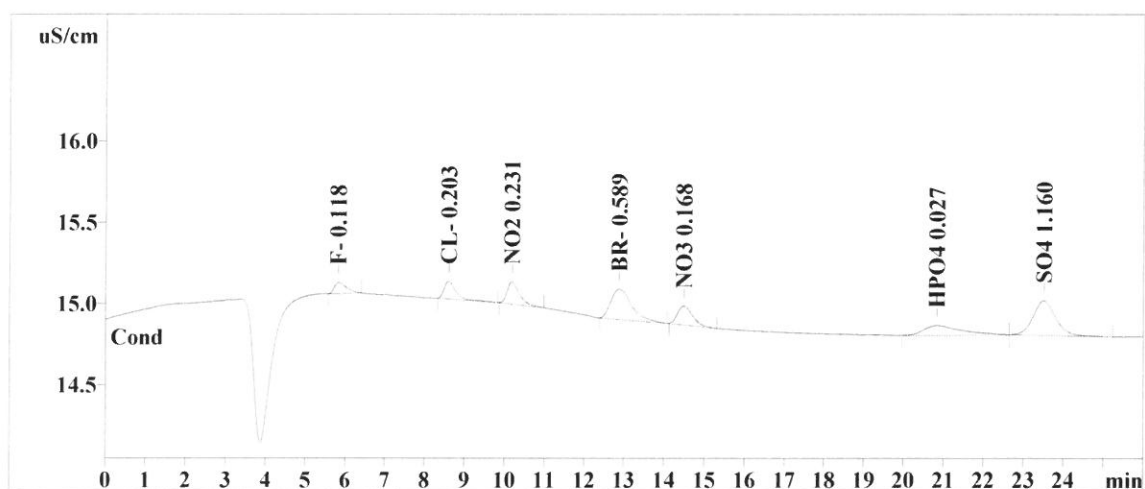
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Analysis from: 7/11/2017 11:10:54 AM  
File: \_2017-07-11\_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58338

Last save: 7/11/2017 9:41:46 AM

SAMPLE:  
: AP/AK  
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  | 5.83             | 0.328          | 0.07            | 7.59        | 1.446             | 4.95      | 0. |
| 2  | 8.59             | 0.298          | 0.11            | 12.10       | 2.297             | 7.86      | 0. |
| 3  | 10.19            | 0.324          | 0.14            | 15.22       | 2.964             | 10.14     | 0. |
| 4  | 12.89            | 0.548          | 0.19            | 20.90       | 6.887             | 23.56     | 0. |
| 5  | 14.49            | 0.400          | 0.12            | 13.00       | 3.012             | 10.30     | 0. |
| 6  | 20.82            | 0.957          | 0.06            | 6.73        | 3.957             | 13.54     | 0. |
| 7  | 23.51            | 0.598          | 0.21            | 24.00       | 8.665             | 29.65     | 0. |
| 7  | 26.00            | 0.493          | 0.89            | 99.54       | 29.228            | 100.00    | 0. |

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Report date: 7/11/2017 2:05:31 PM  
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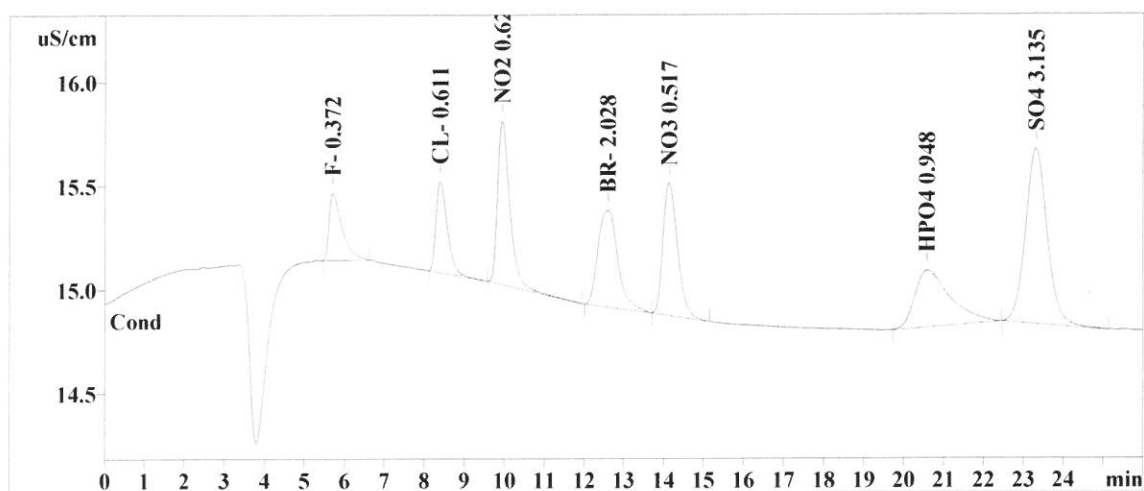
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Analysis from: 7/11/2017 11:39:50 AM  
File: \_2017-07-11\_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58339

Last save: 7/11/2017 9:41:46 AM

SAMPLE:  
: AP/AK  
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  | 5.72             | 0.332          | 0.32            | 8.52        | 7.345             | 6.43      | 0. |
| 2  | 8.40             | 0.288          | 0.44            | 11.62       | 8.457             | 7.40      | 0. |
| 3  | 9.94             | 0.312          | 0.79            | 20.90       | 16.948            | 14.84     | 0. |
| 4  | 12.60            | 0.530          | 0.47            | 12.36       | 16.210            | 14.19     | 0. |
| 5  | 14.13            | 0.398          | 0.64            | 16.86       | 16.416            | 14.37     | 0. |
| 6  | 20.58            | 0.901          | 0.27            | 7.28        | 16.866            | 14.76     | 0. |
| 7  | 23.31            | 0.569          | 0.84            | 22.37       | 31.996            | 28.01     | 0. |
| 7  | 26.00            | 0.476          | 3.77            | 99.93       | 114.237           | 100.00    | 0. |

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Report date: 7/11/2017 2:05:36 PM  
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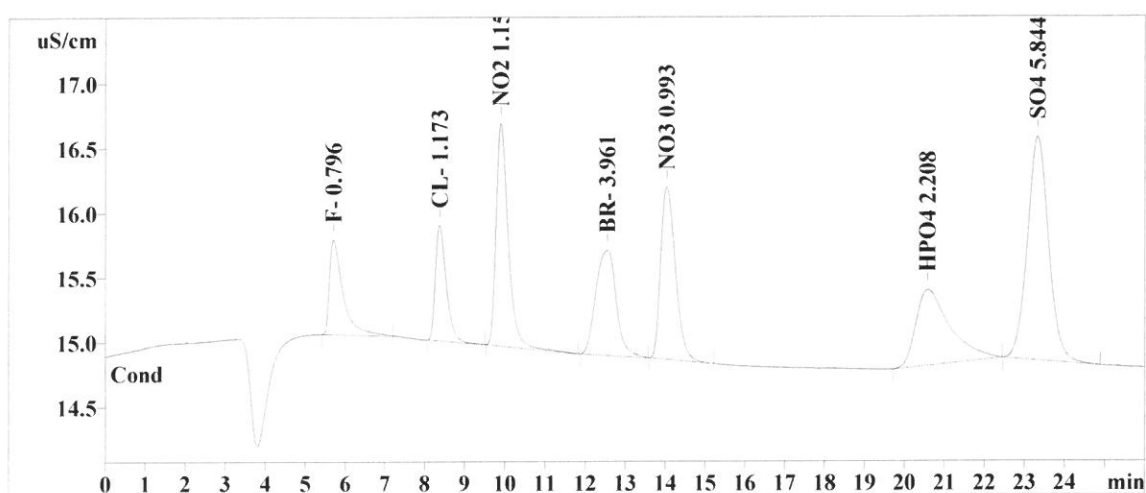
Ident: STD4  
Analysis from: 7/11/2017 12:08:45 PM  
File: \_2017-07-11\_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58340

Last save: 7/11/2017 9:41:46 AM

SAMPLE:  
: AP/AK  
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  | 5.71             | 0.318          | 0.73            | 9.38        | 17.201            | 7.42      | 0. |
| 2  | 8.38             | 0.283          | 0.90            | 11.46       | 16.942            | 7.30      | 0. |
| 3  | 9.90             | 0.305          | 1.72            | 22.01       | 35.927            | 15.49     | 0. |
| 4  | 12.56            | 0.550          | 0.82            | 10.44       | 28.734            | 12.39     | 0. |
| 5  | 14.03            | 0.402          | 1.33            | 17.07       | 34.641            | 14.93     | 0. |
| 6  | 20.59            | 0.852          | 0.59            | 7.49        | 34.514            | 14.88     | 0. |
| 7  | 23.33            | 0.560          | 1.73            | 22.12       | 63.986            | 27.59     | 0. |
| 7  | 26.00            | 0.467          | 7.81            | 99.96       | 231.946           | 100.00    | 0. |

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Report date: 7/11/2017 2:05:45 PM  
Printed by: wet

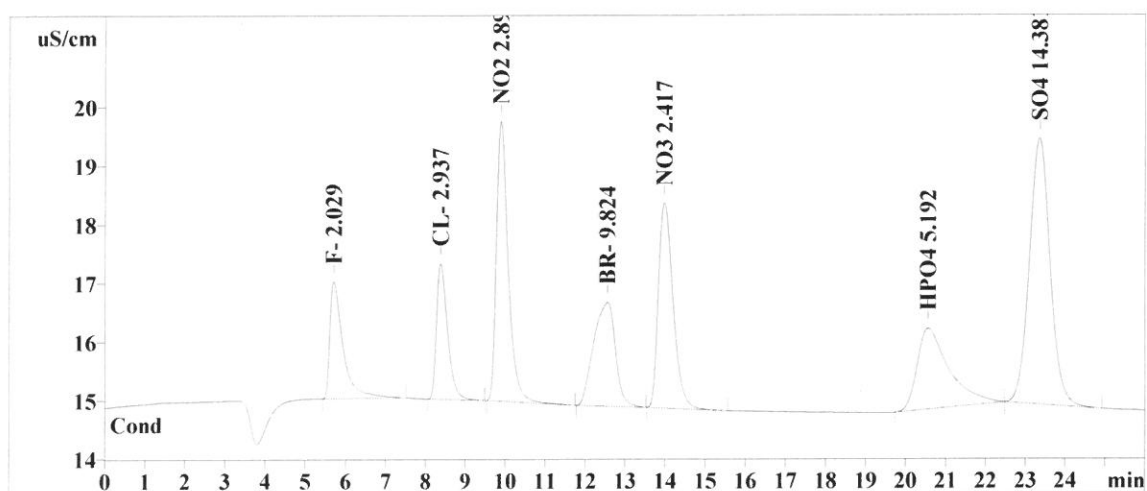
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Analysis from: 7/11/2017 12:37:41 PM  
File: \_2017-07-11\_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58341

Last save: 7/11/2017 9:41:46 AM

SAMPLE:  
: AP/AK  
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  | 5.71             | 0.311          | 2.00            | 9.85        | 45.845            | 7.84      | 0. |
| 2  | 8.38             | 0.281          | 2.31            | 11.41       | 43.598            | 7.46      | 0. |
| 3  | 9.89             | 0.301          | 4.77            | 23.52       | 97.796            | 16.73     | 0. |
| 4  | 12.57            | 0.607          | 1.78            | 8.77        | 66.713            | 11.42     | 0. |
| 5  | 13.98            | 0.392          | 3.50            | 17.26       | 89.266            | 15.28     | 0. |
| 6  | 20.56            | 0.782          | 1.38            | 6.83        | 76.335            | 13.06     | 0. |
| 7  | 23.35            | 0.551          | 4.53            | 22.37       | 164.838           | 28.21     | 0. |
| 7  | 26.00            | 0.461          | 20.27           | 99.99       | 584.391           | 100.00    | 0. |

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Report date: 7/11/2017 2:05:52 PM  
Printed by: wet

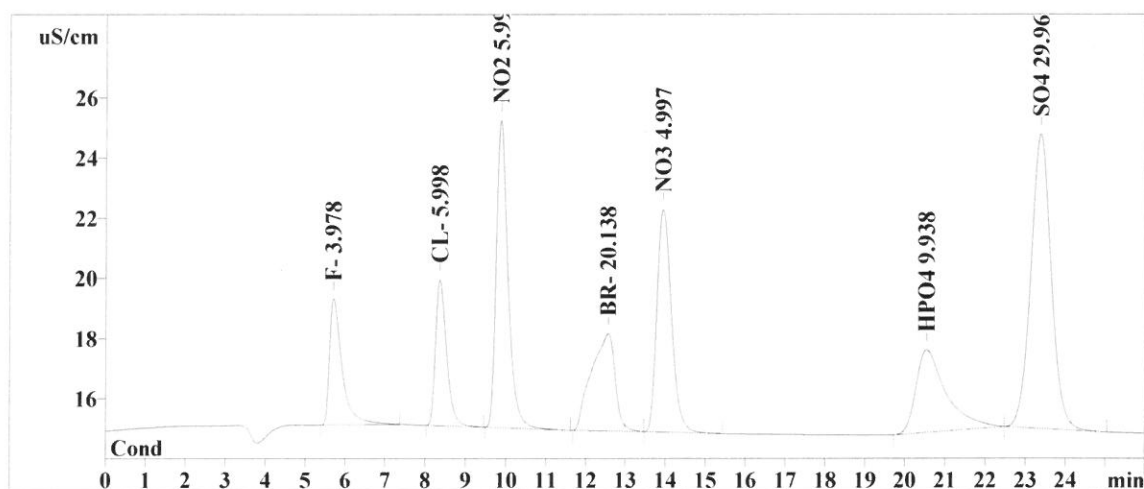
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Analysis from: 7/11/2017 1:06:37 PM  
File: \_2017-07-11\_

Last save: 7/11/2017 2:04:14 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58342

Last save: 7/11/2017 9:41:46 AM

SAMPLE:  
: AP/AK  
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  | 5.71             | 0.302          | 4.19            | 9.89        | 91.104            | 7.58      | 0. |
| 2  | 8.36             | 0.277          | 4.83            | 11.40       | 89.840            | 7.47      | 0. |
| 3  | 9.87             | 0.301          | 10.21           | 24.08       | 207.829           | 17.29     | 0. |
| 4  | 12.56            | 0.706          | 3.24            | 7.64        | 133.522           | 11.11     | 0. |
| 5  | 13.94            | 0.392          | 7.39            | 17.43       | 188.182           | 15.65     | 0. |
| 6  | 20.53            | 0.726          | 2.75            | 6.48        | 142.827           | 11.88     | 0. |
| 7  | 23.37            | 0.539          | 9.79            | 23.09       | 348.975           | 29.03     | 0. |
| 7  | 26.00            | 0.463          | 42.40           | 100.00      | 1202.278          | 100.00    | 0. |

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Report date: 7/11/2017 2:05:59 PM  
Printed by: wet

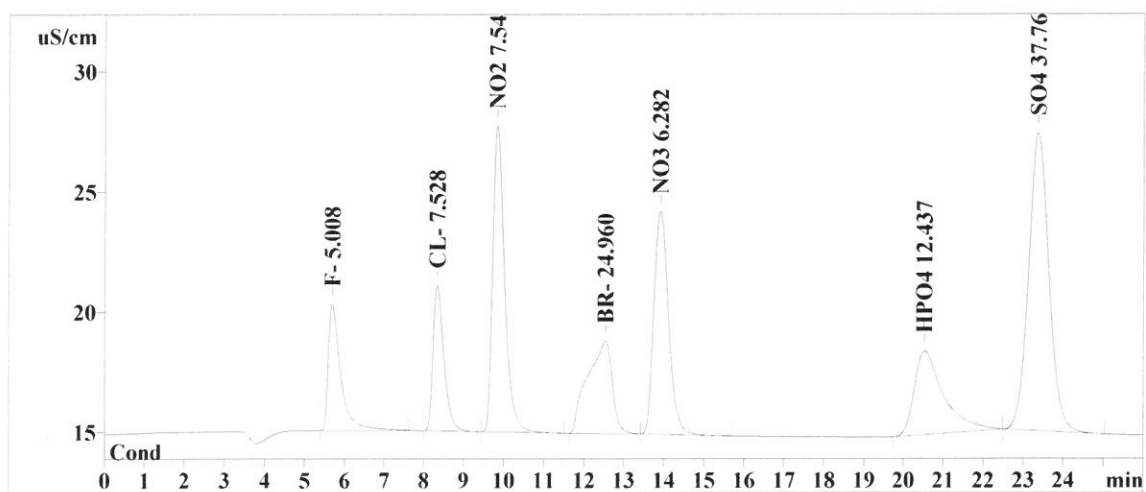
Ident: STD7  
Analysis from: 7/11/2017 1:35:32 PM  
File: \_2017-07-11\_

Last save: 7/11/2017 2:04:22 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58343

Last save: 7/11/2017 9:41:46 AM

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  | 5.69             | 0.301          | 5.26            | 9.92        | 115.047           | 7.61      | 0. |
| 2  | 8.34             | 0.278          | 6.06            | 11.41       | 112.966           | 7.47      | 0. |
| 3  | 9.84             | 0.306          | 12.73           | 23.99       | 263.151           | 17.40     | 0. |
| 4  | 12.54            | 0.768          | 3.86            | 7.26        | 164.756           | 10.89     | 0. |
| 5  | 13.91            | 0.394          | 9.29            | 17.49       | 237.455           | 15.70     | 0. |
| 6  | 20.53            | 0.708          | 3.49            | 6.58        | 177.848           | 11.76     | 0. |
| 7  | 23.37            | 0.538          | 12.40           | 23.35       | 441.014           | 29.16     | 0. |
| 7  | 26.00            | 0.471          | 53.09           | 100.00      | 1512.236          | 100.00    | 0. |

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Report date: 7/12/2017 9:22:42 AM  
Printed by: wet

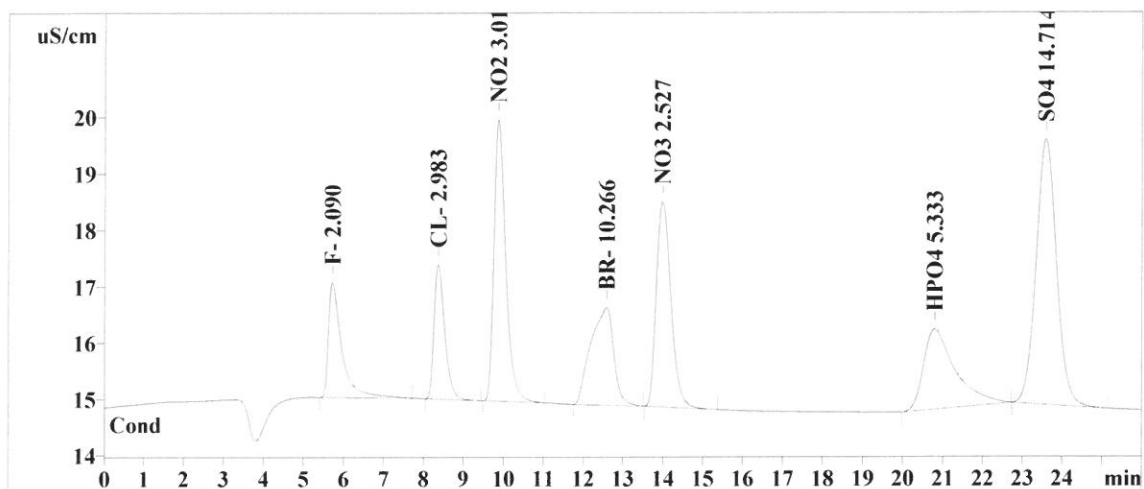
Ident: ICV  
Analysis from: 7/11/2017 3:03:18 PM  
File: \_2017-07-11\_

Last save: 7/11/2017 3:29:08 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58346

Last save: 7/11/2017 2:01:22 PM

SAMPLE:  
: AK/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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 5.73             | 0.308          | 2.04            | 9.77        | 47.249            | 7.83      | 0. |
| 2  | 8.37             | 0.278          | 2.39            | 11.39       | 44.295            | 7.34      | 0. |
| 3  | 9.87             | 0.303          | 4.99            | 23.85       | 102.065           | 16.91     | 0. |
| 4  | 12.59            | 0.673          | 1.74            | 8.31        | 69.572            | 11.52     | 0. |
| 5  | 13.98            | 0.396          | 3.64            | 17.40       | 93.474            | 15.48     | 0. |
| 6  | 20.79            | 0.774          | 1.43            | 6.83        | 78.312            | 12.97     | 0. |
| 7  | 23.59            | 0.546          | 4.70            | 22.45       | 168.770           | 27.95     | 0. |
| 7  | 26.00            | 0.468          | 20.93           | 99.99       | 603.737           | 100.00    | 0. |

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Report date: 7/12/2017 9:22:48 AM  
Printed by: wet

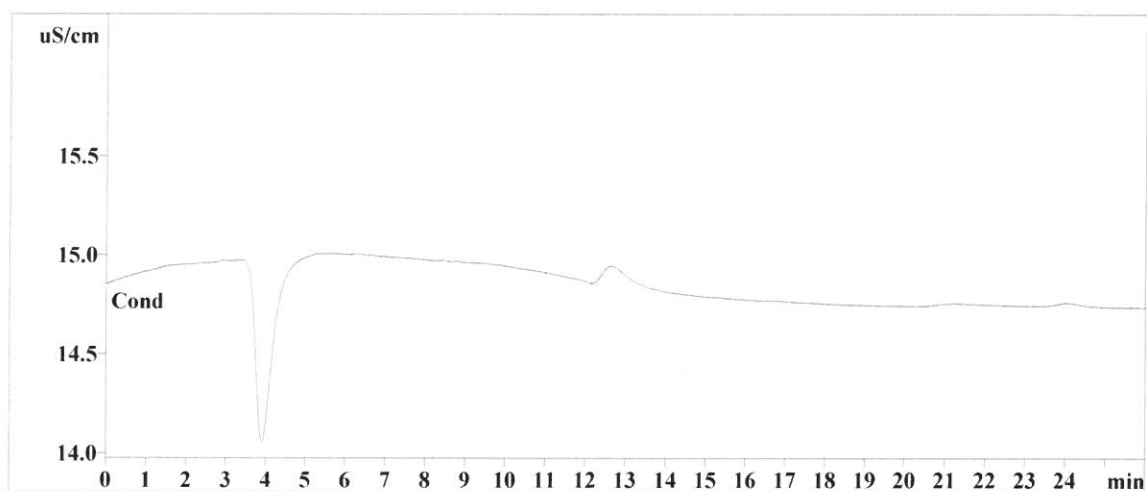
Ident: ICB  
Analysis from: 7/11/2017 3:32:14 PM  
File: \_2017-07-11\_

Last save: 7/12/2017 9:21:56 AM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58347

Last save: 7/11/2017 2:01:22 PM

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



Quantitation method: Custom

No peaks

This report has been created by IC Net  
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Report date: 7/24/2017 1:04:12 PM  
Printed by: wet

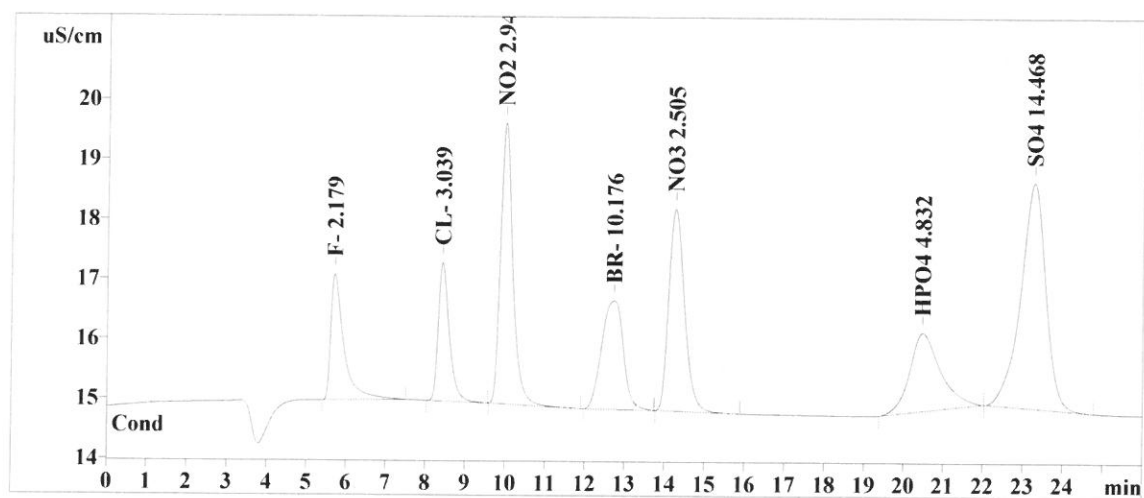
Ident: CCV  
Analysis from: 7/21/2017 10:16:12 AM  
File: \_2017-07-21\_

Last save: 7/21/2017 10:42:02 AM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58462

Last save: 7/14/2017 10:59:46 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  | 5.69             | 0.320          | 2.10            | 10.83       | 49.317            | 8.32      | 0. |
| 2  | 8.42             | 0.290          | 2.31            | 11.93       | 45.142            | 7.61      | 0. |
| 3  | 9.98             | 0.313          | 4.69            | 24.22       | 99.695            | 16.81     | 0. |
| 4  | 12.72            | 0.602          | 1.81            | 9.37        | 68.993            | 11.64     | 0. |
| 5  | 14.24            | 0.422          | 3.38            | 17.44       | 92.608            | 15.62     | 0. |
| 6  | 20.47            | 0.785          | 1.31            | 6.75        | 71.286            | 12.02     | 0. |
| 7  | 23.26            | 0.646          | 3.77            | 19.45       | 165.866           | 27.98     | 0. |
| 7  | 26.00            | 0.483          | 19.35           | 99.98       | 592.907           | 100.00    | 0. |

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Report date: 7/24/2017 1:04:19 PM  
Printed by: wet

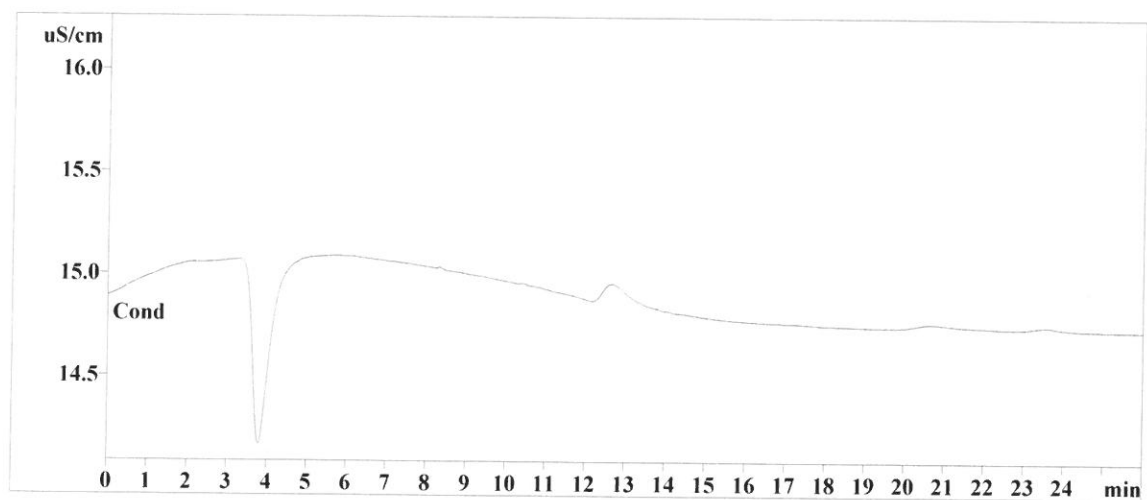
Ident: CCB  
Analysis from: 7/21/2017 10:45:07 AM  
File: \_2017-07-21\_

Last save: 7/24/2017 12:53:34 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58463

Last save: 7/14/2017 10:59:46 AM

SAMPLE:  
: AK/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: 7/24/2017 1:04:26 PM  
Printed by: wet

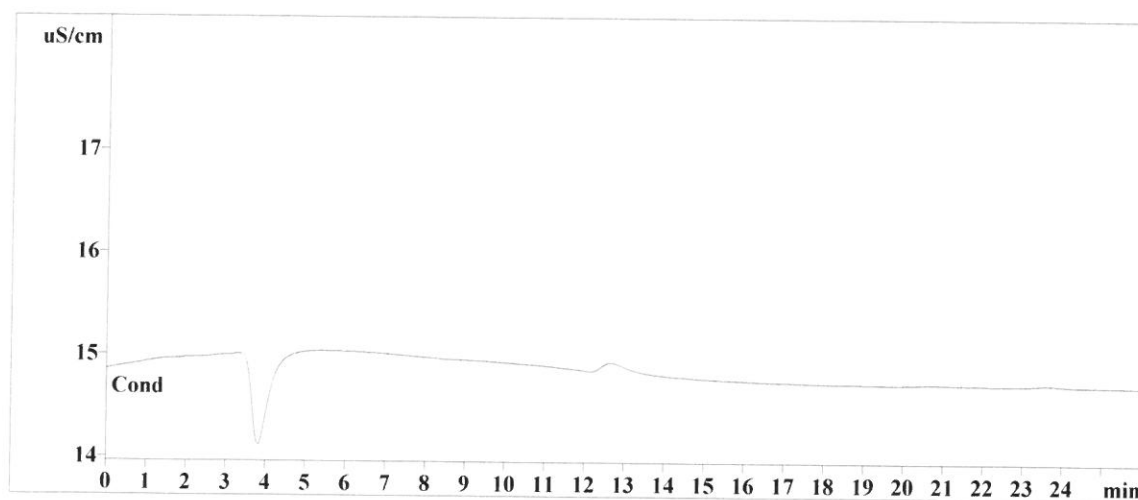
Ident: LB88864BLW  
Analysis from: 7/21/2017 11:14:03 AM  
File: \_2017-07-21\_

Last save: 7/24/2017 1:00:22 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58464

Last save: 7/14/2017 10:59:46 AM

SAMPLE:  
:  
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  
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Report date: 7/24/2017 1:04:32 PM  
Printed by: wet

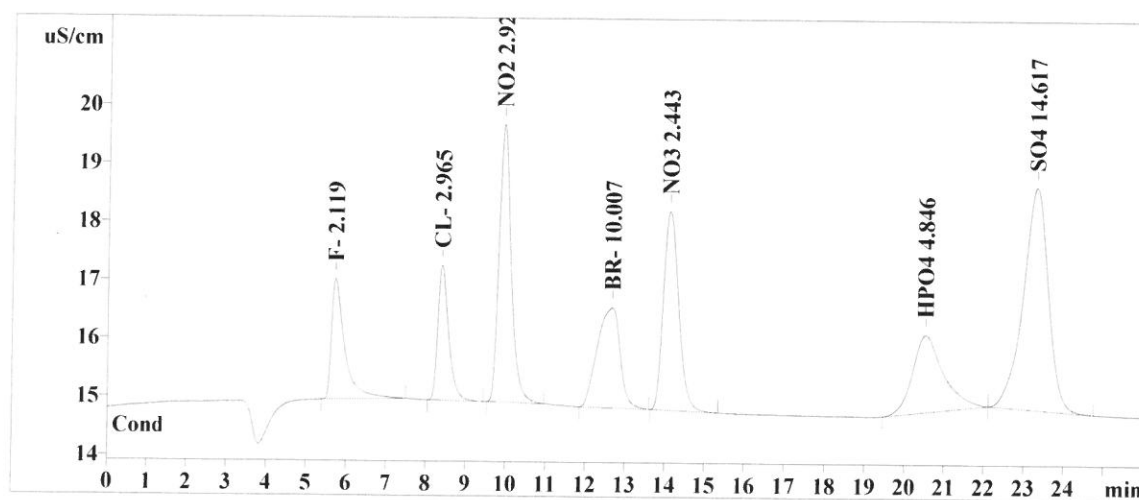
Ident: LB88864BSW  
Analysis from: 7/21/2017 11:42:59 AM  
File: \_2017-07-21\_

Last save: 7/24/2017 1:00:22 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58465

Last save: 7/14/2017 10:59:46 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  | 5.71             | 0.315          | 2.06            | 10.61       | 47.934            | 8.15      | 0. |
| 2  | 8.39             | 0.284          | 2.31            | 11.91       | 44.024            | 7.48      | 0. |
| 3  | 9.92             | 0.309          | 4.76            | 24.57       | 99.032            | 16.84     | 0. |
| 4  | 12.66            | 0.637          | 1.71            | 8.84        | 67.896            | 11.54     | 0. |
| 5  | 14.10            | 0.409          | 3.40            | 17.57       | 90.241            | 15.34     | 0. |
| 6  | 20.51            | 0.778          | 1.32            | 6.83        | 71.487            | 12.15     | 0. |
| 7  | 23.29            | 0.654          | 3.81            | 19.65       | 167.629           | 28.50     | 0. |
| 7  | 26.00            | 0.484          | 19.37           | 99.98       | 588.243           | 100.00    | 0. |

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Report date: 7/24/2017 1:04:41 PM  
Printed by: wet

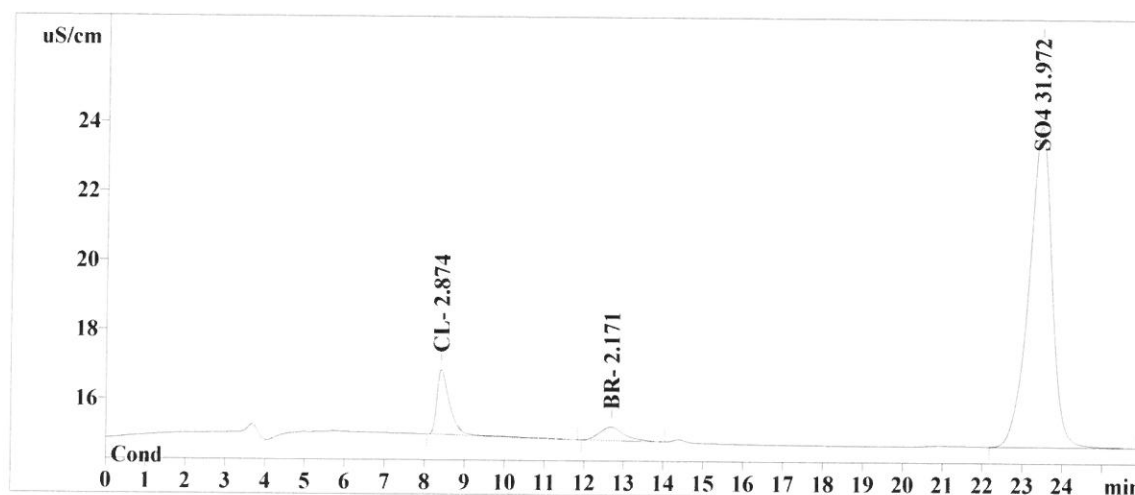
Ident: I4365-01  
Analysis from: 7/21/2017 12:11:54 PM  
File: \_2017-07-21\_

Last save: 7/21/2017 12:37:44 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58466

Last save: 7/14/2017 10:59:46 AM

SAMPLE:  
: AK/AP  
Vial number: 13  
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  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 2  | 8.41             | 0.326          | 1.86            | 16.18       | 42.646            | 9.86      | 0. |
| 3  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 4  | 12.68            | 0.649          | 0.39            | 3.41        | 17.134            | 3.96      | 0. |
| 5  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 6  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 7  | 23.43            | 0.595          | 9.26            | 80.40       | 372.637           | 86.18     | 0. |
| 7  | 26.00            | 0.224          | 11.52           | 99.99       | 432.417           | 100.00    | 0. |

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Report date: 7/24/2017 1:04:49 PM  
Printed by: wet

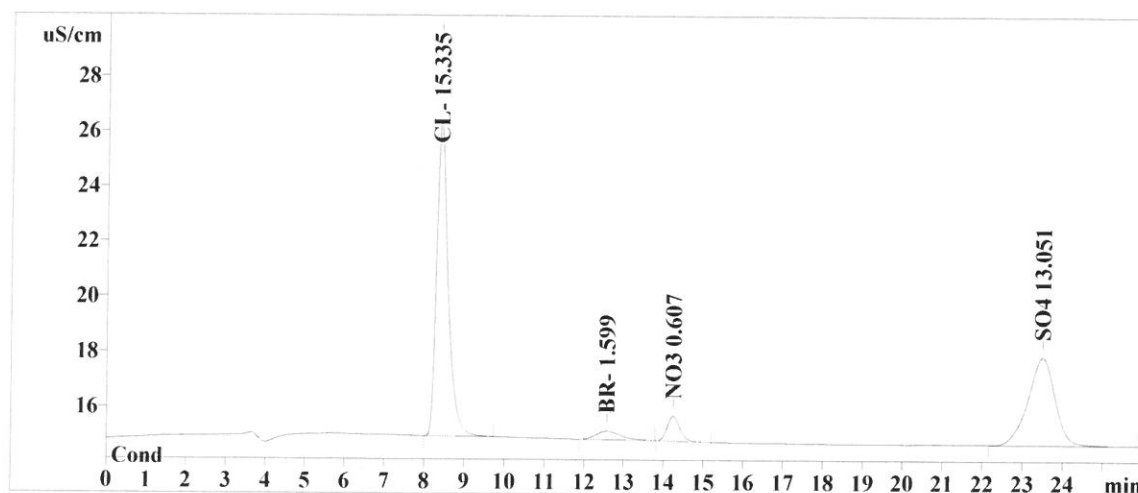
Ident: I4365-02  
Analysis from: 7/21/2017 12:40:50 PM  
File: \_2017-07-21\_

Last save: 7/21/2017 1:06:40 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58467

Last save: 7/14/2017 10:59:46 AM

SAMPLE:  
: AK/AP  
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>uS/cm | Height<br>% | Area<br>uS/cm*sec | Area<br>% |    |
|----|------------------|----------------|-----------------|-------------|-------------------|-----------|----|
| 1  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 2  | 8.38             | 0.299          | 11.40           | 72.19       | 230.917           | 55.87     | 0. |
| 3  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 4  | 12.57            | 0.663          | 0.31            | 1.96        | 13.431            | 3.25      | 0. |
| 5  | 14.24            | 0.337          | 0.90            | 5.71        | 19.850            | 4.80      | 0. |
| 6  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 7  | 23.49            | 0.701          | 3.18            | 20.14       | 149.127           | 36.08     | 0. |
| 7  | 26.00            | 0.286          | 15.79           | 100.00      | 413.326           | 100.00    | 0. |

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METROHM LTD

Report date: 7/24/2017 1:05:00 PM  
Printed by: wet

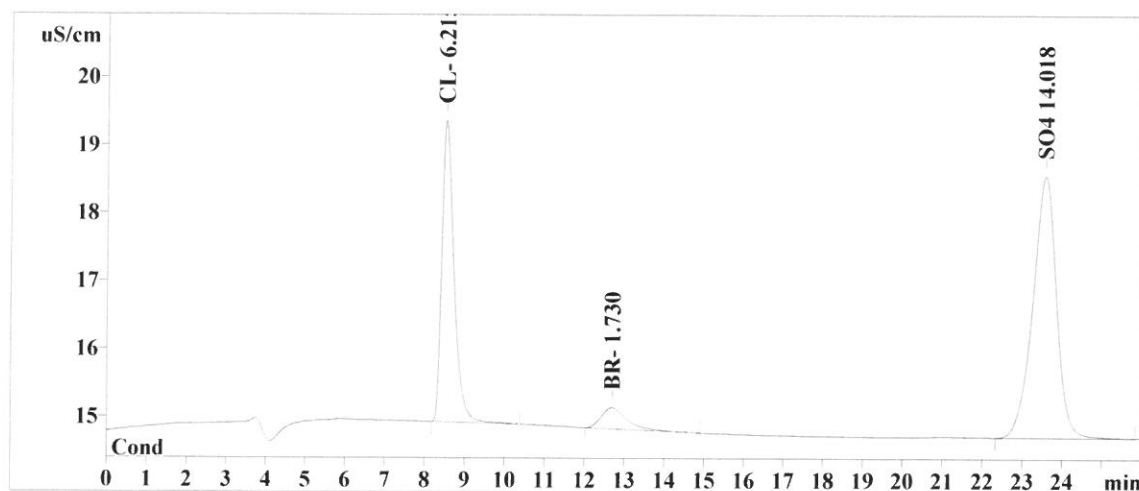
Ident: I4365-03  
Analysis from: 7/21/2017 1:09:45 PM  
File: \_2017-07-21\_

Last save: 7/21/2017 1:35:36 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58468

Last save: 7/14/2017 10:59:46 AM

SAMPLE:  
: AK/AP  
Vial number: 15  
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  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 2  | 8.52             | 0.310          | 4.43            | 51.55       | 93.129            | 34.76     | 0. |
| 3  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 4  | 12.70            | 0.655          | 0.31            | 3.66        | 14.278            | 5.33      | 0. |
| 5  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 6  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 7  | 23.56            | 0.621          | 3.85            | 44.78       | 160.551           | 59.92     | 0. |
| 7  | 26.00            | 0.227          | 8.60            | 99.99       | 267.958           | 100.00    | 0. |

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Report date: 7/24/2017 1:05:20 PM  
Printed by: wet

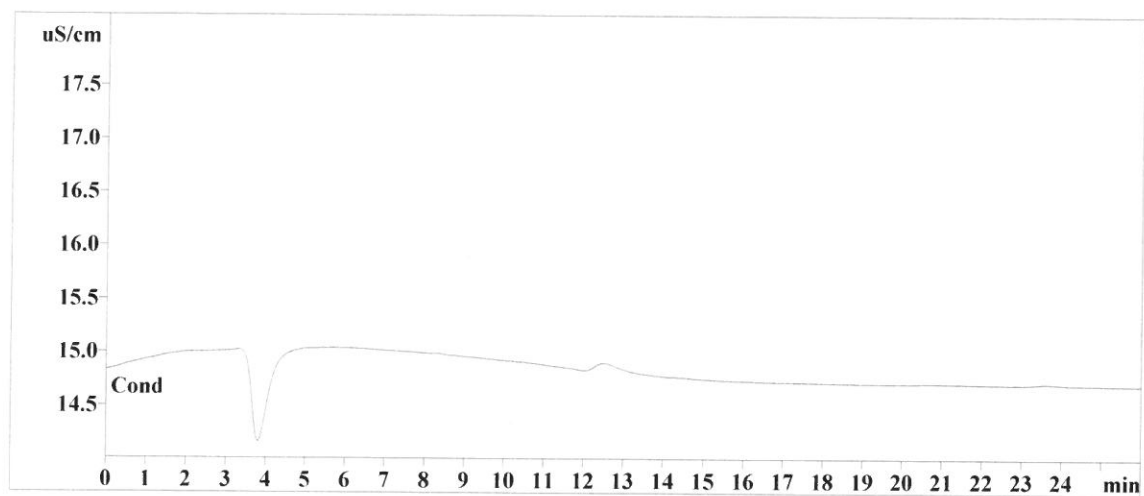
Ident: I4365-04  
Analysis from: 7/21/2017 1:38:41 PM  
File: \_2017-07-21\_

Last save: 7/24/2017 1:05:16 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58469

Last save: 7/14/2017 10:59:46 AM

SAMPLE:  
: AK/AP  
Vial number: 16  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net  
METROHM LTD

Report date: 7/24/2017 1:05:33 PM  
Printed by: wet

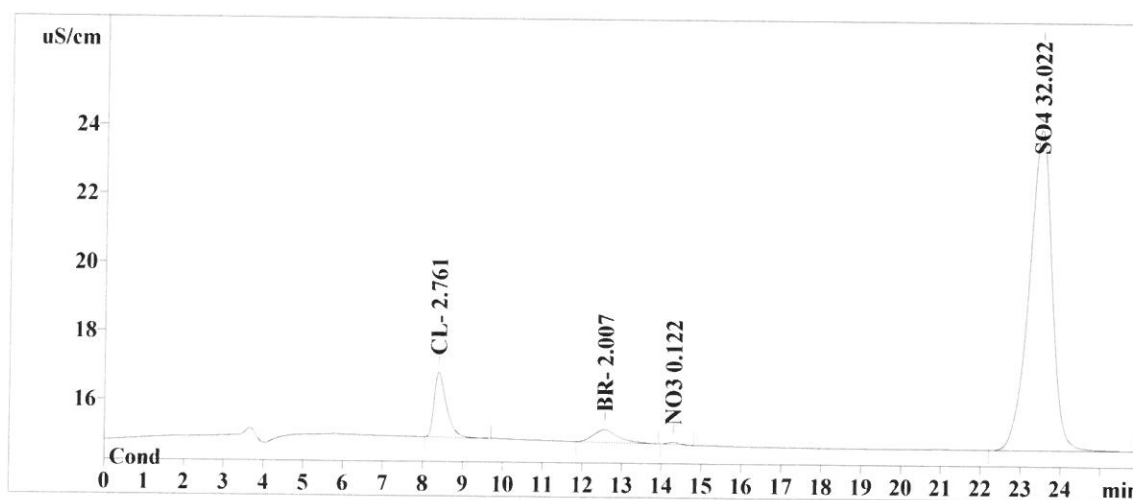
Ident: I4365-01DUP  
Analysis from: 7/21/2017 2:07:37 PM  
File: \_2017-07-21\_

Last save: 7/21/2017 2:33:26 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58470

Last save: 7/14/2017 10:59:46 AM

SAMPLE:  
: 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  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 2  | 8.38             | 0.323          | 1.88            | 16.15       | 40.935            | 9.49      | 0. |
| 3  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 4  | 12.56            | 0.643          | 0.37            | 3.17        | 16.073            | 3.72      | 0. |
| 5  | 14.30            | 0.323          | 0.06            | 0.52        | 1.257             | 0.29      | 0. |
| 6  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 7  | 23.47            | 0.595          | 9.34            | 80.15       | 373.228           | 86.50     | 0. |
| 7  | 26.00            | 0.269          | 11.65           | 99.99       | 431.493           | 100.00    | 0. |

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Report date: 7/24/2017 2:05:19 PM  
Printed by: wet

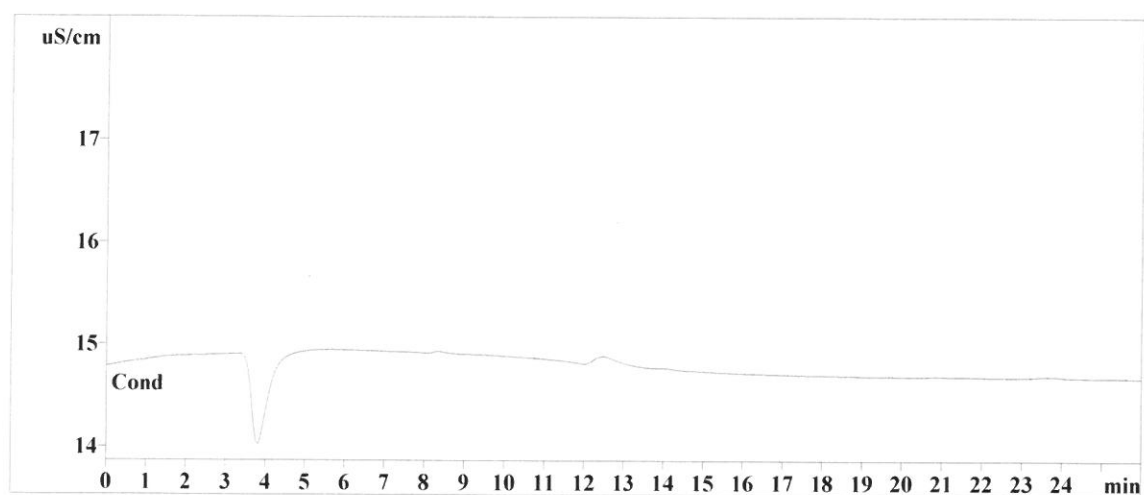
Ident: I4374-01  
Analysis from: 7/21/2017 2:36:32 PM  
File: \_2017-07-21\_

Last save: 7/24/2017 2:05:18 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58471

Last save: 7/14/2017 10:59:46 AM

SAMPLE:  
:  
Vial number: 21  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net  
METROHM LTD

Report date: 7/24/2017 2:05:29 PM  
Printed by: wet

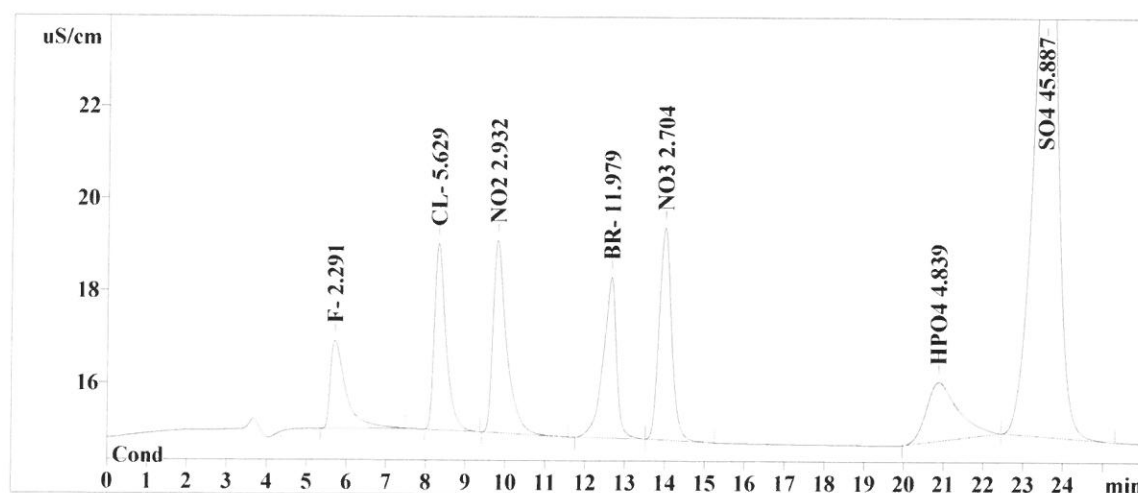
Ident: I4365-01MS  
Analysis from: 7/21/2017 3:05:28 PM  
File: \_2017-07-21\_

Last save: 7/21/2017 3:31:18 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58472

Last save: 7/14/2017 10:59:46 AM

SAMPLE:  
: 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  | 5.70             | 0.375          | 1.90            | 5.72        | 51.940            | 5.07      | 0. |
| 2  | 8.31             | 0.310          | 4.04            | 12.19       | 84.276            | 8.22      | 0. |
| 3  | 9.80             | 0.335          | 4.17            | 12.56       | 99.202            | 9.68      | 0. |
| 4  | 12.65            | 0.336          | 3.48            | 10.49       | 80.669            | 7.87      | 0. |
| 5  | 13.99            | 0.332          | 4.60            | 13.85       | 100.261           | 9.78      | 0. |
| 6  | 20.87            | 0.822          | 1.28            | 3.84        | 71.387            | 6.97      | 0. |
| 7  | 23.53            | 0.587          | 13.72           | 41.34       | 537.008           | 52.40     | 0. |
| 7  | 26.00            | 0.442          | 33.19           | 100.00      | 1024.744          | 100.00    | 0. |

This report has been created by IC Net  
METROHM LTD

Report date: 7/24/2017 2:05:34 PM  
Printed by: wet

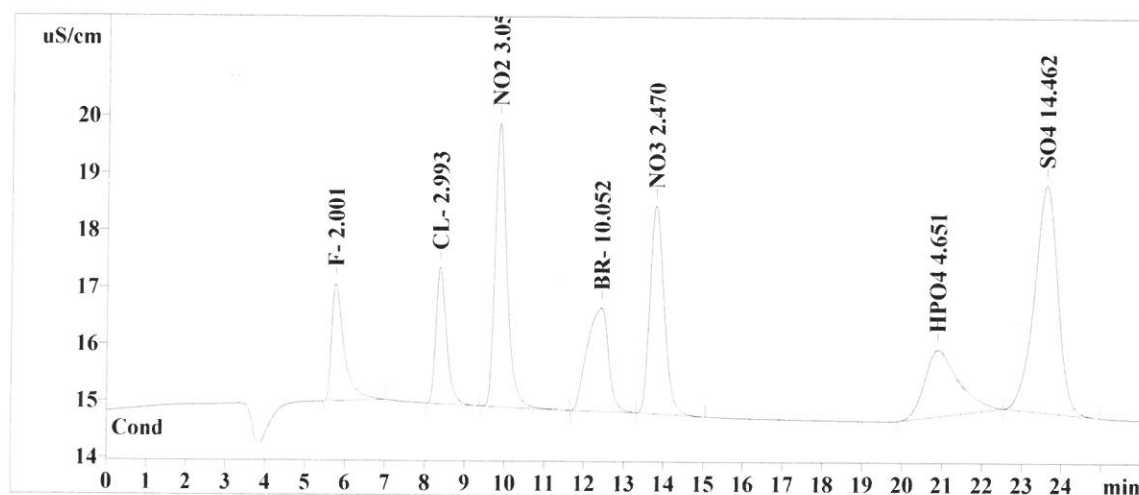
Ident: CCV  
Analysis from: 7/21/2017 3:34:23 PM  
File: \_2017-07-21\_

Last save: 7/21/2017 4:00:14 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58473

Last save: 7/14/2017 10:59:46 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  | 5.75             | 0.307          | 2.05            | 10.23       | 45.187            | 7.70      | 0. |
| 2  | 8.36             | 0.276          | 2.40            | 11.96       | 44.437            | 7.57      | 0. |
| 3  | 9.85             | 0.306          | 4.97            | 24.77       | 103.523           | 17.63     | 0. |
| 4  | 12.42            | 0.607          | 1.82            | 9.09        | 68.188            | 11.61     | 0. |
| 5  | 13.78            | 0.385          | 3.65            | 18.20       | 91.274            | 15.55     | 0. |
| 6  | 20.88            | 0.864          | 1.17            | 5.84        | 68.743            | 11.71     | 0. |
| 7  | 23.60            | 0.624          | 3.99            | 19.90       | 165.799           | 28.24     | 0. |
| 7  | 26.00            | 0.481          | 20.06           | 99.99       | 587.150           | 100.00    | 0. |

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METROHM LTD

Report date: 7/24/2017 2:05:42 PM  
Printed by: wet

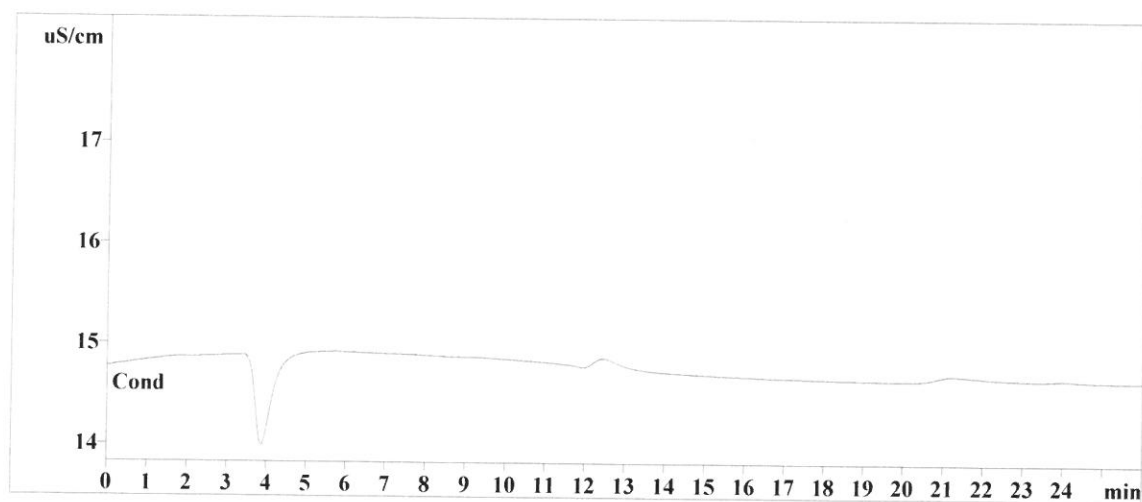
Ident: CCB  
Analysis from: 7/21/2017 4:03:19 PM  
File: \_2017-07-21\_

Last save: 7/24/2017 12:53:34 PM

Method: ANIONS 07-11-17.mtw  
Run operator: wet  
Analysis number: 58474

Last save: 7/14/2017 10:59:46 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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