

DC-1  
 300.0  
 10/27/2020  
 AM

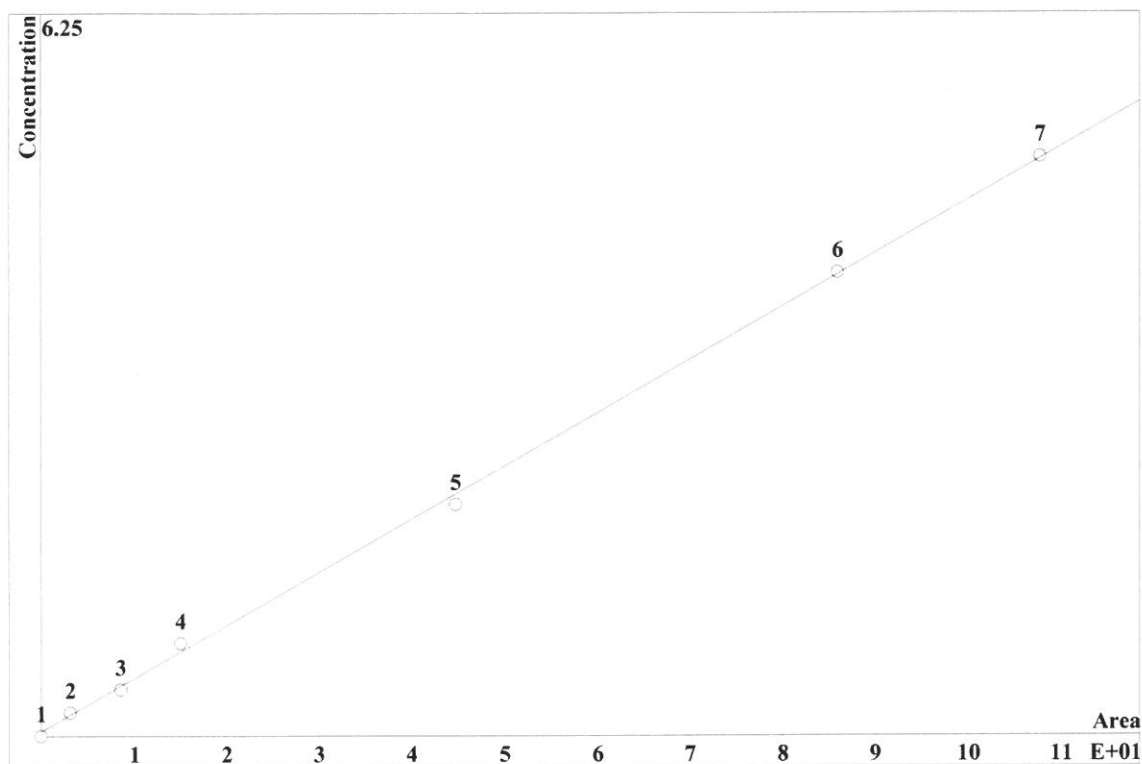
Clear table

| ident       | concentra<br>tion F- | concentrati<br>on CL- | concentrati<br>on NO2 | concentrati<br>on BR- | concentrati<br>on NO3 | concentrati<br>on HPO4 | concentrati<br>on SO4 | file name   | date time      | Initial wt/<br>Final Vol | Analyst |
|-------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------|----------------|--------------------------|---------|
| STD1        | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-10-21_ | 10/21/20 9:52  |                          | AM/AP   |
| STD2        | 0.1510               | 0.3230                | 0.3550                | 1.2840                | 0.2870                | 0.2070                 | 1.7940                | 2020-10-21_ | 10/21/20 10:24 |                          | AM/AP   |
| STD3        | 0.4240               | 0.6210                | 0.6280                | 2.1740                | 0.5530                | 1.0370                 | 3.2180                | 2020-10-21_ | 10/21/20 10:55 |                          | AM/AP   |
| STD4        | 0.7410               | 1.2040                | 1.2010                | 4.0050                | 1.0200                | 2.2220                 | 6.0340                | 2020-10-21_ | 10/21/20 11:27 |                          | AM/AP   |
| STD5        | 2.1010               | 2.9840                | 2.9670                | 9.7680                | 2.4740                | 5.4800                 | 15.0250               | 2020-10-21_ | 10/21/20 11:59 |                          | AM/AP   |
| STD6        | 3.9820               | 6.1310                | 6.1160                | 19.8290               | 5.0570                | 10.3340                | 30.7650               | 2020-10-21_ | 10/21/20 12:31 |                          | AM/AP   |
| STD7        | 4.9840               | 7.6160                | 7.6410                | 25.3730               | 6.3360                | 12.4270                | 37.9110               | 2020-10-21_ | 10/21/20 13:03 |                          | AM/AP   |
| ICV         | 2.0270               | 2.9300                | 2.8810                | 9.6560                | 2.3950                | 5.1140                 | 14.2850               | 2020-10-21_ | 10/21/20 13:35 |                          | AM/AP   |
| ICB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-10-21_ | 10/21/20 14:21 |                          | AM/AP   |
| CCV         | 2.1490               | 2.8290                | 2.8440                | 9.6590                | 2.4510                | 5.4950                 | 14.3320               | 2020-10-23_ | 10/23/20 19:28 |                          | AM/AP   |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-10-23_ | 10/23/20 20:00 |                          | AM/AP   |
| LB111686BLW | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-10-23_ | 10/23/20 20:32 |                          | AM/AP   |
| LB111686BSW | 2.1490               | 2.8720                | 2.8460                | 9.6590                | 2.3880                | 5.5160                 | 14.4890               | 2020-10-23_ | 10/23/20 21:04 |                          | AM/AP   |
| L4511-01    | 0.4470               | 13.6960               | 0.0000                | 0.0000                | 0.0000                | 0.0930                 | 29.3940               | 2020-10-23_ | 10/23/20 21:36 |                          | AM/AP   |
| L4511-02    | 0.2730               | 5.5950                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 7.4020                | 2020-10-23_ | 10/23/20 22:08 |                          | AM/AP   |
| L4511-02DUP | 0.2740               | 5.5850                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 7.3770                | 2020-10-23_ | 10/23/20 22:40 |                          | AM/AP   |
| L4511-02MS  | 2.5980               | 8.1160                | 2.8100                | 9.9890                | 2.4170                | 6.0490                 | 21.2150               | 2020-10-23_ | 10/23/20 23:11 |                          | AM/AP   |
| L4511-02MSD | 2.5380               | 8.1460                | 2.8290                | 9.8300                | 2.4470                | 6.2660                 | 21.3940               | 2020-10-23_ | 10/23/20 23:43 |                          | AM/AP   |
| L4214-07    | 0.1150               | 0.2080                | 0.2620                | 0.7870                | 0.1630                | 0.1320                 | 1.1480                | 2020-10-24_ | 10/24/20 0:47  |                          | AM/AP   |
| L4214-08    | 0.2100               | 0.3410                | 0.3950                | 1.2460                | 0.2820                | 0.4860                 | 1.8310                | 2020-10-24_ | 10/24/20 1:19  |                          | AM/AP   |
| L4214-08RE  | 0.4020               | 0.6360                | 0.6630                | 2.1780                | 0.5080                | 1.1210                 | 3.2350                | 2020-10-24_ | 10/24/20 1:51  |                          | AM/AP   |
| CCV         | 2.1770               | 2.9160                | 2.8250                | 9.6520                | 2.3800                | 5.3540                 | 14.2780               | 2020-10-24_ | 10/24/20 2:23  |                          | AM/AP   |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2020-10-24_ | 10/24/20 2:55  |                          | AM/AP   |

# CALIBRATION OF COMPONENT F-

IC-1  
300.0  
10/21/2020  
AM

Method: ANIONS 10-21-20.mtw  
Equation:  $Q = 0.918264 \cdot A + 0.765631$   
RSD: 3.031 %  
Correlation coefficient: 0.999612

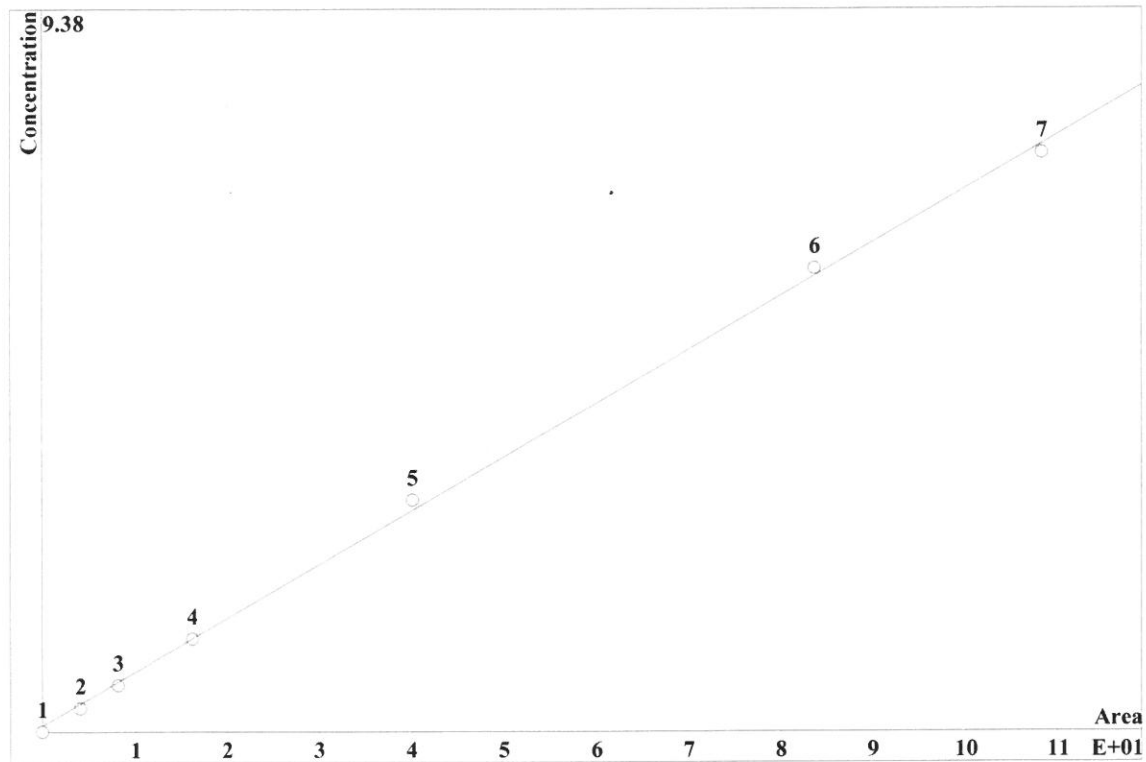


K3 = 0      K2 = 0      K1 = 0.918264      K0 = 0.765631  
Base: Area  
Ref.channel: Cond  
ISTD:  
Formula: Linear  
Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |     |
|-------|--------|-------|-------|---------|-----------|------|------|-----|
| 1     | 0      | 0     | 0     | 0       | 0         |      |      | No  |
| 2     | 0.1601 | 3.153 | 0.2   | 20      | 5.718     |      |      | Yes |
| 3     | 0.3213 | 8.596 | 0.4   | 20      | 5.718     |      |      | Yes |
| 4     | 0.6734 | 14.98 | 0.8   | 20      | 5.718     |      |      | Yes |
| 5     | 1.956  | 44.71 | 2     | 20      | 5.718     |      |      | Yes |
| 6     | 4.097  | 85.91 | 4     | 20      | 5.718     |      |      | Yes |
| 7     | 5.106  | 107.7 | 5     | 20      | 5.718     |      |      | Yes |

CALIBRATION OF COMPONENT CL-

Method: ANIONS 10-21-20.mtw  
 Equation:  $Q = 1.39326 \cdot A + 1.50457$   
 RSD: 3.440 %  
 Correlation coefficient: 0.999500



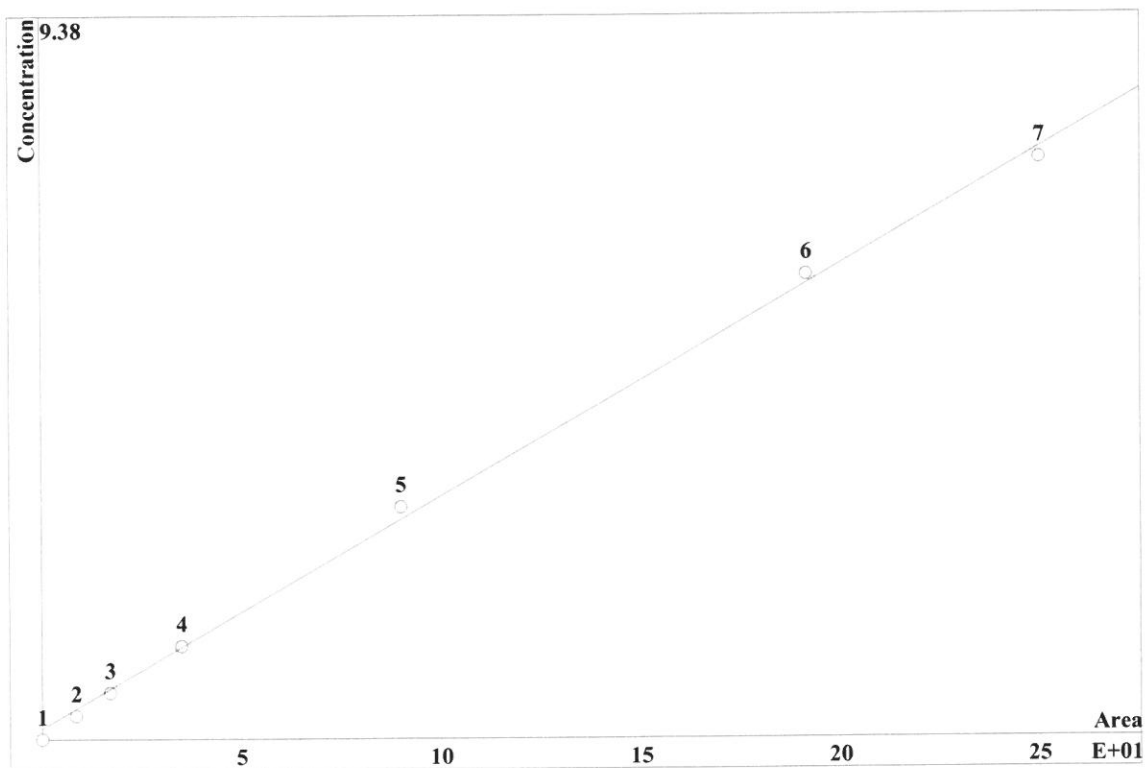
K3 = 0      K2 = 0      K1 = 1.39326      K0 = 1.50457

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     | 0.2646 | 4.081 | 0.3   | 20      | 8.798     |      |      | Yes |
| 3     | 0.5382 | 8.181 | 0.6   | 20      | 8.798     |      |      | Yes |
| 4     | 1.059  | 16.23 | 1.2   | 20      | 8.798     |      |      | Yes |
| 5     | 2.687  | 40.11 | 3     | 20      | 8.798     |      |      | Yes |
| 6     | 5.722  | 83.67 | 6     | 20      | 8.798     |      |      | Yes |
| 7     | 7.384  | 108.2 | 7.5   | 20      | 8.798     |      |      | Yes |

CALIBRATION OF COMPONENT NO2

Method: ANIONS 10-21-20.mtw  
 Equation:  $Q = 0.599456 \cdot A + 2.8051$   
 RSD: 4.284 %  
 Correlation coefficient: 0.999224

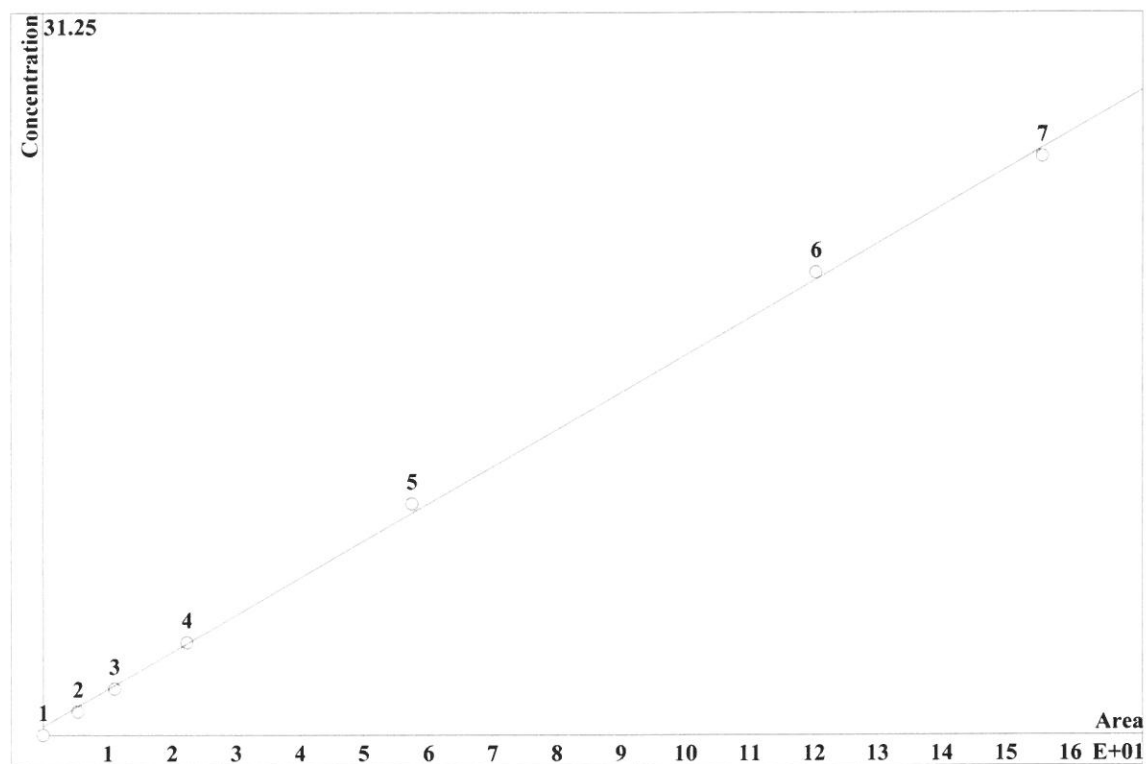


K3 = 0      K2 = 0      K1 = 0.599456      K0 = 2.8051  
 Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |     |
|-------|--------|-------|-------|---------|-----------|------|------|-----|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    | No  |
| 2     | 0.4521 | 8.493 | 0.3   | 20      | 10.57     |      |      | Yes |
| 3     | 0.9262 | 17.06 | 0.6   | 20      | 10.57     |      |      | Yes |
| 4     | 1.892  | 34.98 | 1.2   | 20      | 10.57     |      |      | Yes |
| 5     | 4.821  | 90.05 | 3     | 20      | 10.57     |      |      | Yes |
| 6     | 9.957  | 191.7 | 6     | 20      | 10.57     |      |      | Yes |
| 7     | 12.59  | 250.2 | 7.5   | 20      | 10.57     |      |      | Yes |

## CALIBRATION OF COMPONENT BR-

Method: ANIONS 10-21-20.mtw  
 Equation:  $Q = 3.21197 \cdot A + 7.27565$   
 RSD: 3.349 %  
 Correlation coefficient: 0.999526



K3 = 0      K2 = 0      K1 = 3.21197      K0 = 7.27565

Base: Area

Ref.channel: Cond

ISTD:

Formula: Linear

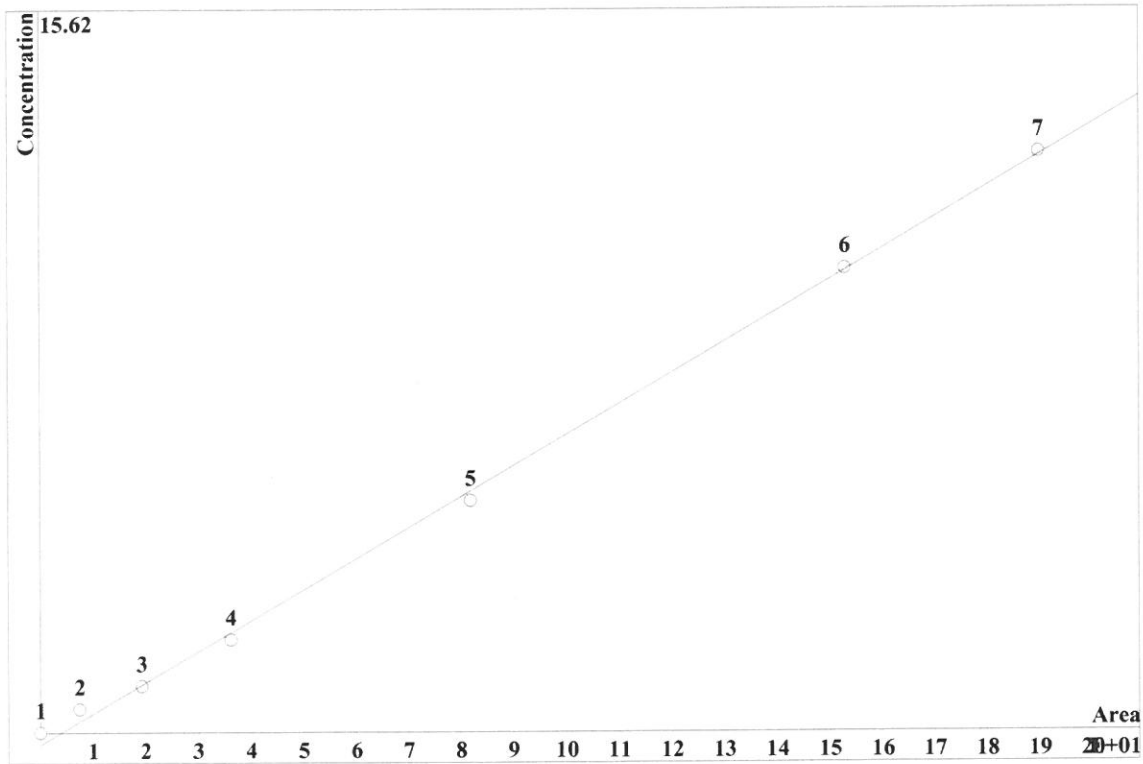
Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |    |
|-------|--------|-------|-------|---------|-----------|------|------|----|
| 1     | 0      | 0     | 0     | 0       | 0         |      |      | No |
| 2     | 0.2296 | 5.45  | 1     | 20      | 13.6      | Yes  |      |    |
| 3     | 0.4785 | 11.11 | 2     | 20      | 13.6      | Yes  |      |    |
| 4     | 0.9866 | 22.33 | 4     | 20      | 13.6      | Yes  |      |    |
| 5     | 2.588  | 57.47 | 10    | 20      | 13.6      | Yes  |      |    |
| 6     | 5.519  | 120.4 | 20    | 20      | 13.6      | Yes  |      |    |
| 7     | 7.168  | 155.7 | 25    | 20      | 13.6      | Yes  |      |    |

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used File |
|-------|--------|-------|-------|---------|-----------|-----------|
| 1     | 0      | 0     | 0     | 0       | 0         | No        |
| 2     | 0.2729 | 8.015 | 0.25  | 20      | 15.54     | Yes       |
| 3     | 0.6046 | 17.62 | 0.5   | 20      | 15.54     | Yes       |
| 4     | 1.184  | 33.79 | 1     | 20      | 15.54     | Yes       |
| 5     | 3.003  | 82.5  | 2.5   | 20      | 15.54     | Yes       |
| 6     | 6.303  | 171.5 | 5     | 20      | 15.54     | Yes       |
| 7     | 8.206  | 220.8 | 6.25  | 20      | 15.54     | Yes       |
| %8.2f |        |       |       |         |           |           |

CALIBRATION OF COMPONENT HPO4

Method: ANIONS 10-21-20.mtw  
 Equation:  $Q = 1.33739 \cdot A - 5.3391$   
 RSD: 3.688 %  
 Correlation coefficient: 0.999425

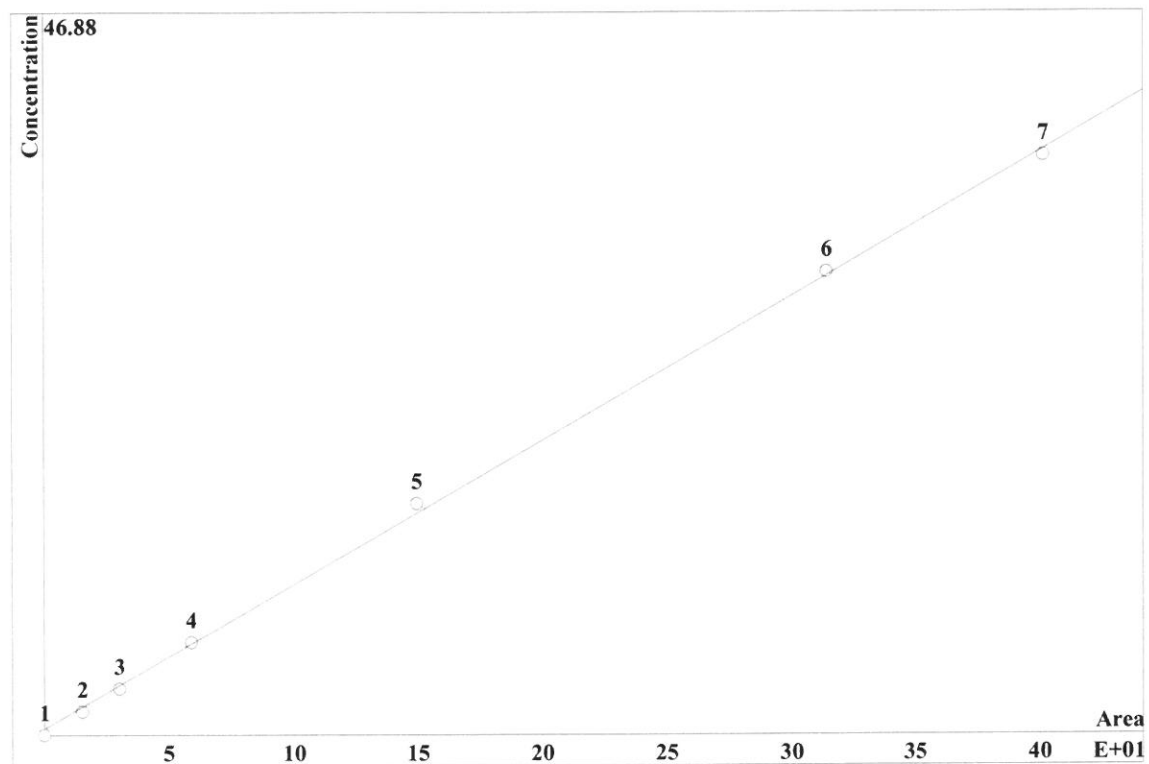


K3 = 0      K2 = 0      K1 = 1.33739      K0 = -5.3391  
 Base: Area  
 Ref.channel: Cond  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |     |
|-------|--------|-------|-------|---------|-----------|------|------|-----|
| 1     | 0      | 0     | 0     | 0       | 0         |      |      | No  |
| 2     | 0.1611 | 7.495 | 0.5   | 20      | 21.75     |      |      | Yes |
| 3     | 0.41   | 19.31 | 1     | 20      | 21.75     |      |      | Yes |
| 4     | 0.8275 | 36.22 | 2     | 20      | 21.75     |      |      | Yes |
| 5     | 1.949  | 81.85 | 5     | 20      | 21.75     |      |      | Yes |
| 6     | 3.747  | 152.8 | 10    | 20      | 21.75     |      |      | Yes |
| 7     | 4.71   | 189.8 | 12.5  | 20      | 21.75     |      |      | Yes |

## CALIBRATION OF COMPONENT SO4

Method: ANIONS 10-21-20.mtw  
 Equation:  $Q = 1.8684 \cdot A + 7.87171$   
 RSD: 2.868 %  
 Correlation coefficient: 0.999652



K3 = 0      K2 = 0      K1 = 1.8684      K0 = 7.87171

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     | 0.3746 | 15.35 | 1.5   | 20      | 25.43     |      |      | Yes |
| 3     | 0.7421 | 30.36 | 3     | 20      | 25.43     |      |      | Yes |
| 4     | 1.489  | 58.99 | 6     | 20      | 25.43     |      |      | Yes |
| 5     | 3.819  | 149.7 | 15    | 20      | 25.43     |      |      | Yes |
| 6     | 8.032  | 314.3 | 30    | 20      | 25.43     |      |      | Yes |
| 7     | 10.39  | 401.6 | 37.5  | 20      | 25.43     |      |      | Yes |

Report date: 10/21/2020 1:44:14 PM  
Printed by: wet

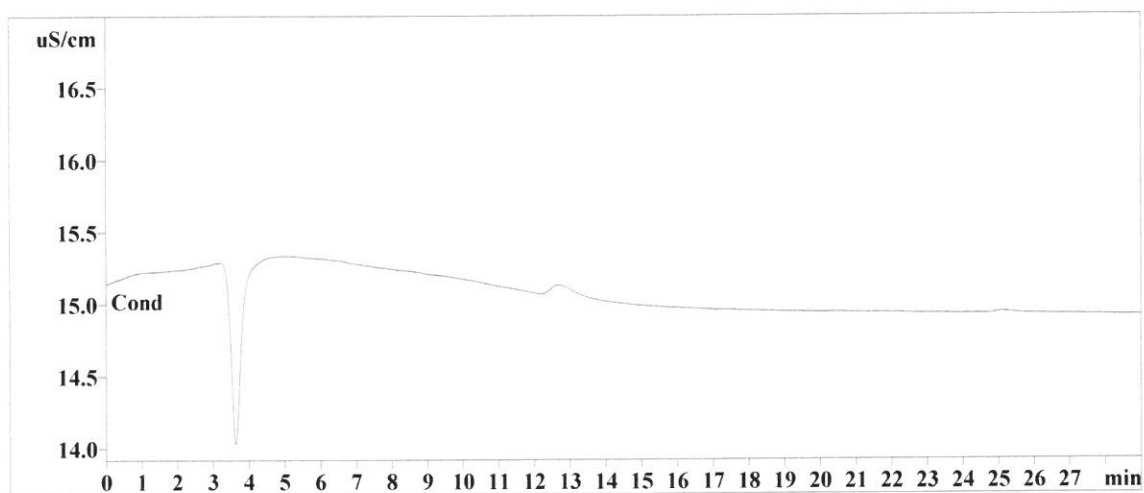
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Analysis from: 10/21/2020 9:52:10 AM  
File: \_2020-10-21\_

Last save: 10/21/2020 10:20:58 AM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 71947

Last save: 10/21/2020 9:42:32 AM

SAMPLE:  
: AM/AP  
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: 10/21/2020 1:44:20 PM  
Printed by: wet

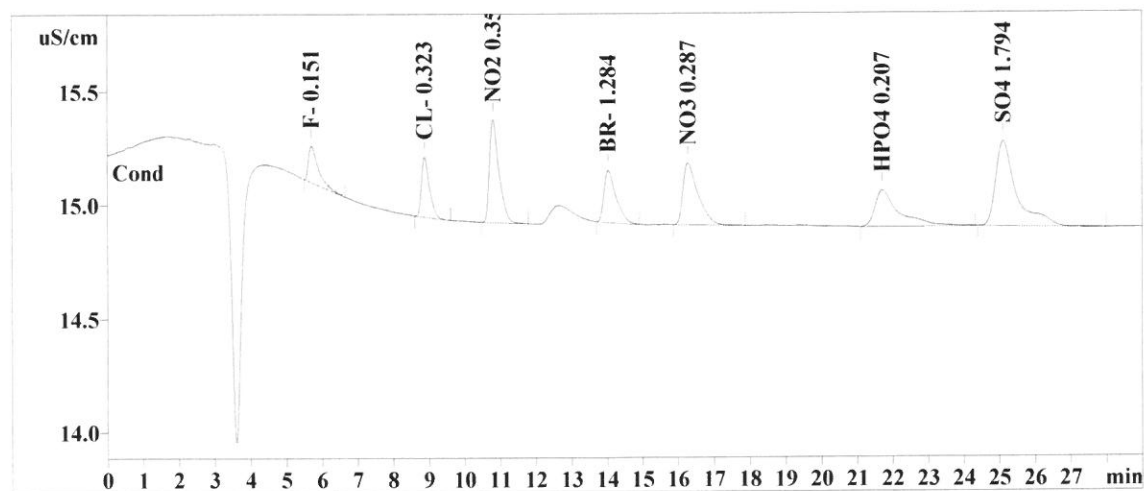
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Analysis from: 10/21/2020 10:24:04 AM  
File: \_2020-10-21\_

Last save: 10/21/2020 10:52:52 AM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 71948

Last save: 10/21/2020 10:20:58 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             | 0.271          | 0.16            | 8.36        | 3.153             | 6.06      | 0. |
| 2  | 8.88             | 0.227          | 0.26            | 13.81       | 4.081             | 7.84      | 0. |
| 3  | 10.80            | 0.275          | 0.45            | 23.62       | 8.493             | 16.32     | 0. |
| 4  | 14.03            | 0.351          | 0.23            | 11.95       | 5.450             | 10.47     | 0. |
| 5  | 16.28            | 0.433          | 0.27            | 14.22       | 8.015             | 15.40     | 0. |
| 6  | 21.71            | 0.552          | 0.16            | 8.40        | 7.495             | 14.40     | 0. |
| 7  | 25.11            | 0.517          | 0.37            | 19.54       | 15.351            | 29.50     | 0. |
| 7  | 29.00            | 0.375          | 1.91            | 99.89       | 52.038            | 100.00    | 0. |

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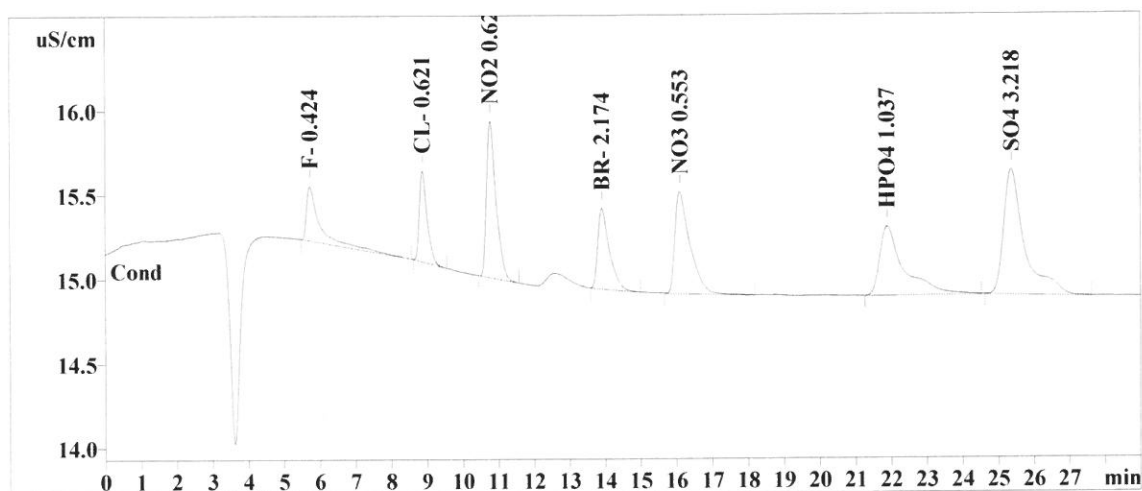
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 File: \_2020-10-21\_

Last save: 10/21/2020 11:24:46 AM

Method: ANIONS 10-21-20.mtw  
 Run operator: wet  
 Analysis number: 71949

Last save: 10/21/2020 10:52:52 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  | 5.72             | 0.280          | 0.32            | 7.98        | 8.596             | 7.66      | 0. |
| 2  | 8.86             | 0.224          | 0.54            | 13.38       | 8.181             | 7.29      | 0. |
| 3  | 10.77            | 0.272          | 0.93            | 23.02       | 17.058            | 15.20     | 0. |
| 4  | 13.90            | 0.340          | 0.48            | 11.87       | 11.112            | 9.90      | 0. |
| 5  | 16.09            | 0.425          | 0.60            | 15.03       | 17.620            | 15.70     | 0. |
| 6  | 21.88            | 0.549          | 0.41            | 10.20       | 19.308            | 17.20     | 0. |
| 7  | 25.37            | 0.522          | 0.74            | 18.45       | 30.363            | 27.05     | 0. |
| 7  | 29.00            | 0.373          | 4.02            | 99.94       | 112.238           | 100.00    | 0. |

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Report date: 10/21/2020 1:44:31 PM  
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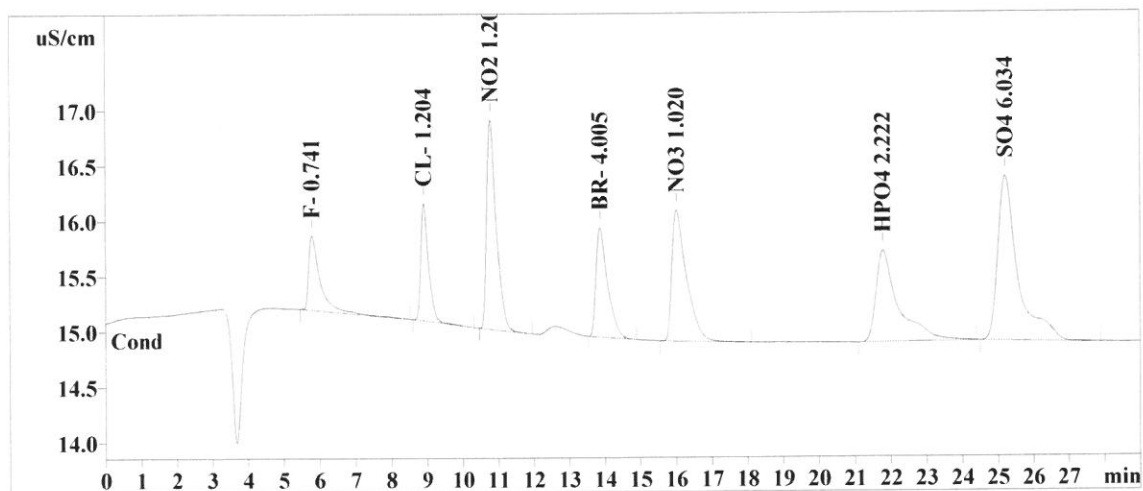
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Analysis from: 10/21/2020 11:27:53 AM  
File: \_2020-10-21\_

Last save: 10/21/2020 11:56:42 AM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 71950

Last save: 10/21/2020 11:24:46 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  | 5.79             | 0.281          | 0.67            | 8.29        | 14.980            | 6.89      | 0. |
| 2  | 8.90             | 0.221          | 1.06            | 13.05       | 16.234            | 7.46      | 0. |
| 3  | 10.77            | 0.273          | 1.89            | 23.32       | 34.976            | 16.08     | 0. |
| 4  | 13.86            | 0.331          | 0.99            | 12.16       | 22.331            | 10.27     | 0. |
| 5  | 16.00            | 0.418          | 1.18            | 14.60       | 33.792            | 15.54     | 0. |
| 6  | 21.78            | 0.524          | 0.83            | 10.20       | 36.221            | 16.65     | 0. |
| 7  | 25.20            | 0.505          | 1.49            | 18.35       | 58.987            | 27.12     | 0. |
| 7  | 29.00            | 0.365          | 8.11            | 99.97       | 217.521           | 100.00    | 0. |

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Report date: 10/21/2020 1:44:36 PM  
Printed by: wet

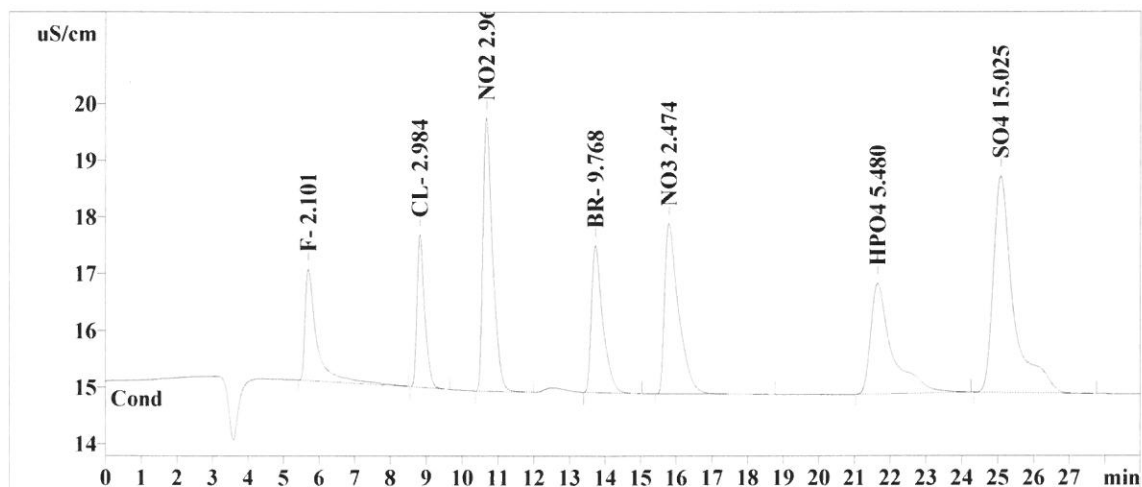
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Analysis from: 10/21/2020 11:59:47 AM  
File: \_2020-10-21\_

Last save: 10/21/2020 12:28:36 PM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 71951

Last save: 10/21/2020 11:56:42 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  | 5.70             | 0.270          | 1.96            | 9.39        | 44.712            | 8.18      | 0. |
| 2  | 8.82             | 0.219          | 2.69            | 12.90       | 40.105            | 7.34      | 0. |
| 3  | 10.67            | 0.278          | 4.82            | 23.15       | 90.046            | 16.48     | 0. |
| 4  | 13.72            | 0.322          | 2.59            | 12.43       | 57.468            | 10.52     | 0. |
| 5  | 15.79            | 0.403          | 3.00            | 14.42       | 82.499            | 15.10     | 0. |
| 6  | 21.65            | 0.508          | 1.95            | 9.36        | 81.846            | 14.98     | 0. |
| 7  | 25.08            | 0.504          | 3.82            | 18.34       | 149.663           | 27.39     | 0. |
| 7  | 29.00            | 0.358          | 20.82           | 99.99       | 546.339           | 100.00    | 0. |

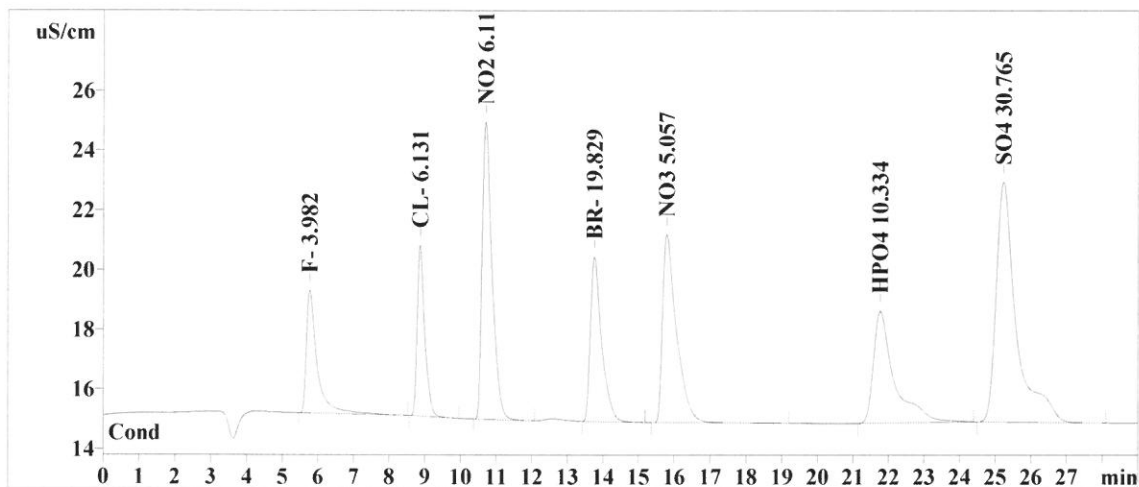
This report has been created by IC Net  
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Report date: 10/21/2020 1:44:42 PM  
Printed by: wet

Ident: STD6  
Analysis from: 10/21/2020 12:31:41 PM  
File: \_2020-10-21\_ Last save: 10/21/2020 1:00:30 PM

Method: ANIONS 10-21-20.mtw Last save: 10/21/2020 12:28:36 PM  
Run operator: wet  
Analysis number: 71952

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  | 5.76             | 0.267          | 4.10            | 9.44        | 85.906            | 7.67      | 0. |
| 2  | 8.86             | 0.212          | 5.72            | 13.19       | 83.670            | 7.47      | 0. |
| 3  | 10.70            | 0.288          | 9.96            | 22.96       | 191.675           | 17.11     | 0. |
| 4  | 13.75            | 0.314          | 5.52            | 12.72       | 120.376           | 10.75     | 0. |
| 5  | 15.78            | 0.399          | 6.30            | 14.53       | 171.462           | 15.31     | 0. |
| 6  | 21.76            | 0.500          | 3.75            | 8.64        | 152.838           | 13.64     | 0. |
| 7  | 25.22            | 0.504          | 8.03            | 18.52       | 314.262           | 28.05     | 0. |
| 7  | 29.00            | 0.355          | 43.37           | 99.99       | 1120.189          | 100.00    | 0. |

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Report date: 10/21/2020 1:44:48 PM  
Printed by: wet

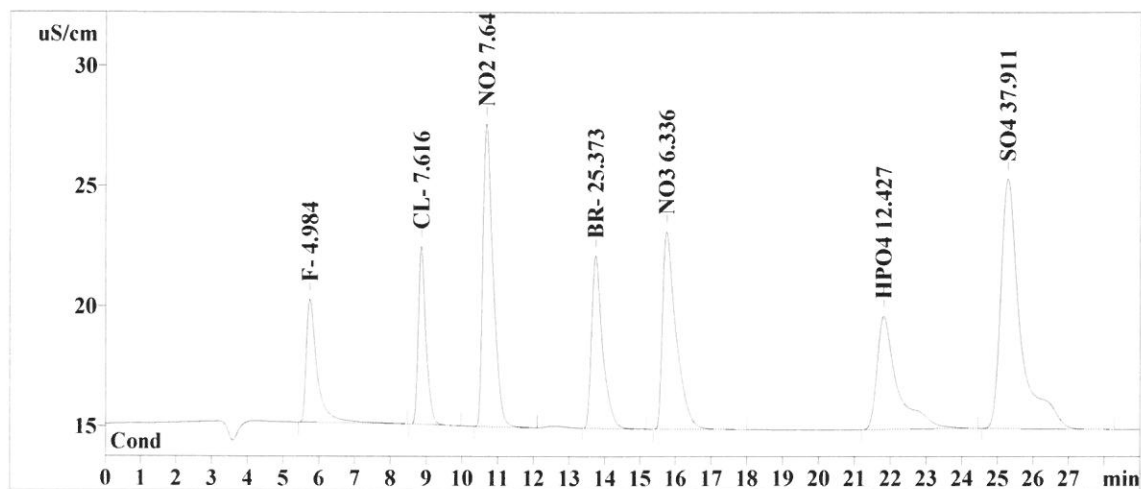
Ident: STD7  
Analysis from: 10/21/2020 1:03:35 PM  
File: \_2020-10-21\_

Last save: 10/21/2020 1:32:24 PM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 71953

Last save: 10/21/2020 1:00:30 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  | 5.74             | 0.277          | 5.11            | 9.19        | 107.725           | 7.51      | 0. |
| 2  | 8.85             | 0.213          | 7.38            | 13.29       | 108.249           | 7.55      | 0. |
| 3  | 10.67            | 0.302          | 12.59           | 22.66       | 250.238           | 17.45     | 0. |
| 4  | 13.74            | 0.312          | 7.17            | 12.90       | 155.727           | 10.86     | 0. |
| 5  | 15.73            | 0.395          | 8.20            | 14.77       | 220.791           | 15.40     | 0. |
| 6  | 21.80            | 0.495          | 4.71            | 8.48        | 189.836           | 13.24     | 0. |
| 7  | 25.28            | 0.497          | 10.39           | 18.70       | 401.603           | 28.00     | 0. |
| 7  | 29.00            | 0.356          | 55.55           | 100.00      | 1434.168          | 100.00    | 0. |

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Report date: 10/21/2020 3:45:13 PM  
Printed by: wet

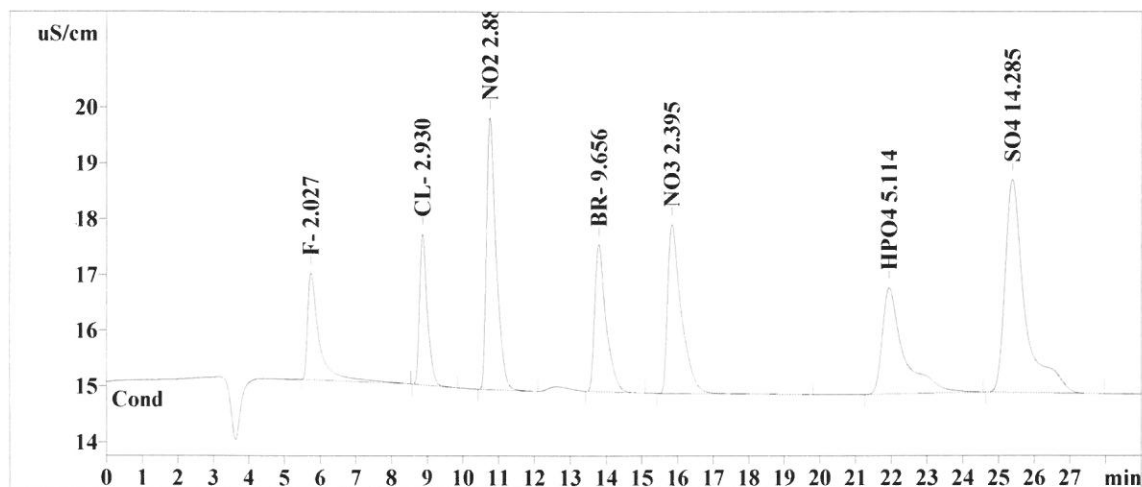
Ident: ICV  
Analysis from: 10/21/2020 1:35:29 PM  
File: \_2020-10-21\_

Last save: 10/21/2020 2:04:18 PM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 71954

Last save: 10/21/2020 1:32:24 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  | 5.74             | 0.274          | 1.91            | 9.16        | 43.317            | 7.95      | 0. |
| 2  | 8.86             | 0.221          | 2.70            | 12.93       | 40.982            | 7.52      | 0. |
| 3  | 10.76            | 0.278          | 4.87            | 23.33       | 91.454            | 16.77     | 0. |
| 4  | 13.78            | 0.315          | 2.64            | 12.64       | 57.860            | 10.61     | 0. |
| 5  | 15.83            | 0.392          | 3.03            | 14.51       | 82.430            | 15.12     | 0. |
| 6  | 21.94            | 0.508          | 1.90            | 9.12        | 80.470            | 14.76     | 0. |
| 7  | 25.39            | 0.500          | 3.82            | 18.29       | 148.697           | 27.27     | 0. |
| 7  | 29.00            | 0.355          | 20.87           | 99.99       | 545.210           | 100.00    | 0. |

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Report date: 10/21/2020 3:45:20 PM  
Printed by: wet

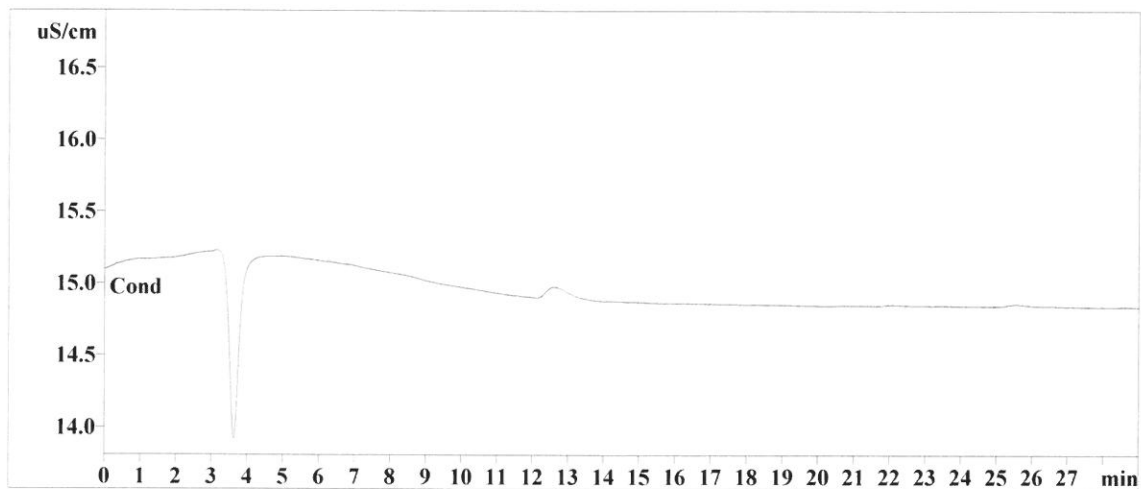
Ident: ICB  
Analysis from: 10/21/2020 2:21:03 PM  
File: \_2020-10-21\_

Last save: 10/21/2020 2:49:52 PM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 71955

Last save: 10/21/2020 1:32:24 PM

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



Quantitation method: Custom

No peaks

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Report date: 10/26/2020 8:54:36 AM  
 Printed by: wet

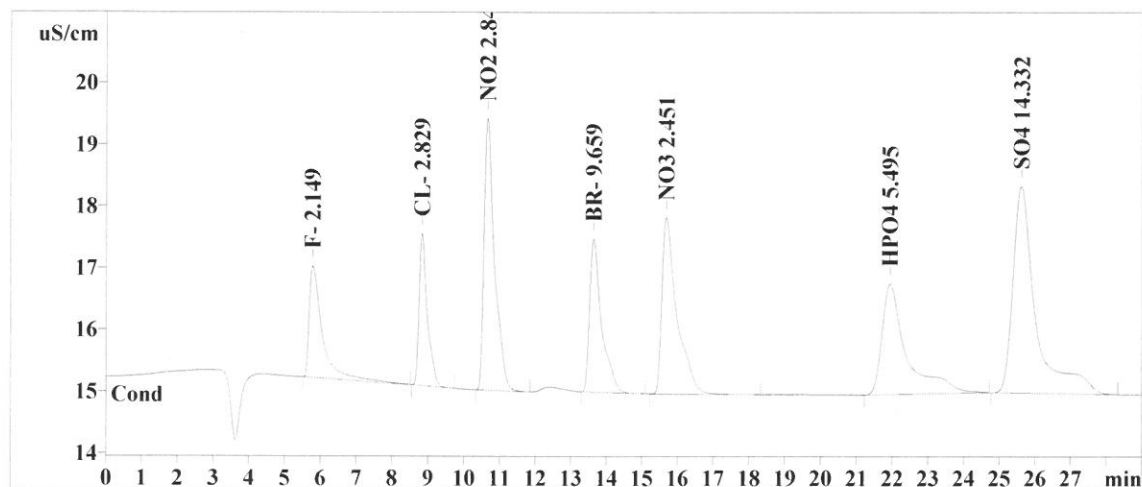
Ident: CCV  
 Analysis from: 10/23/2020 7:28:39 PM  
 File: \_2020-10-23\_

Last save: 10/23/2020 7:57:28 PM

Method: ANIONS 10-21-20.mtw  
 Run operator: wet  
 Analysis number: 72004

Last save: 10/23/2020 12:59:28 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  | 5.79             | 0.322          | 1.81            | 9.44        | 45.965            | 8.31      | 0. |
| 2  | 8.82             | 0.223          | 2.46            | 12.86       | 39.535            | 7.14      | 0. |
| 3  | 10.65            | 0.288          | 4.40            | 23.01       | 90.219            | 16.30     | 0. |
| 4  | 13.63            | 0.314          | 2.48            | 12.95       | 57.876            | 10.46     | 0. |
| 5  | 15.67            | 0.397          | 2.85            | 14.92       | 84.380            | 15.25     | 0. |
| 6  | 21.93            | 0.569          | 1.79            | 9.34        | 86.172            | 15.57     | 0. |
| 7  | 25.60            | 0.556          | 3.34            | 17.47       | 149.206           | 26.96     | 0. |
| 7  | 29.00            | 0.381          | 19.13           | 99.99       | 553.352           | 100.00    | 0. |

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Report date: 10/26/2020 8:54:43 AM  
Printed by: wet

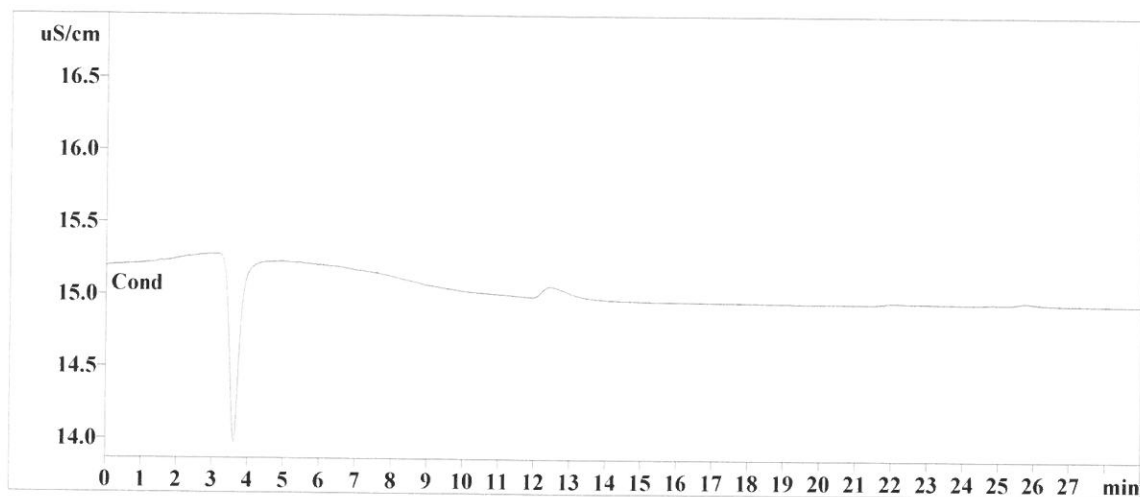
Ident: CCB  
Analysis from: 10/23/2020 8:00:32 PM  
File: \_2020-10-23\_

Last save: 10/23/2020 8:29:20 PM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 72005

Last save: 10/23/2020 12:59:28 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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Report date: 10/26/2020 8:54:50 AM  
Printed by: wet

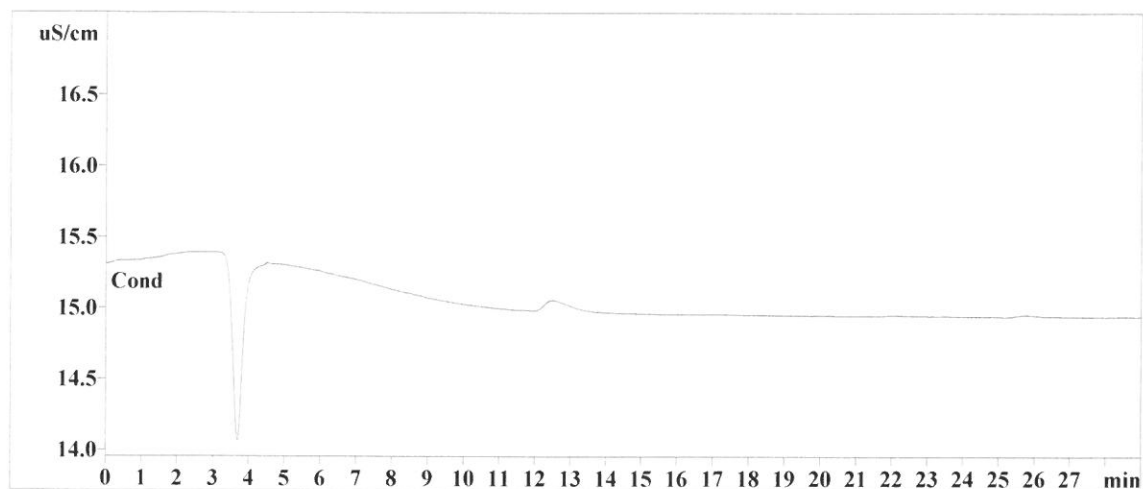
Ident: LB111686BLW  
Analysis from: 10/23/2020 8:32:26 PM  
File: \_2020-10-23\_

Last save: 10/26/2020 8:47:02 AM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 72006

Last save: 10/23/2020 12:59:28 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  
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Report date: 10/26/2020 8:54:55 AM  
Printed by: wet

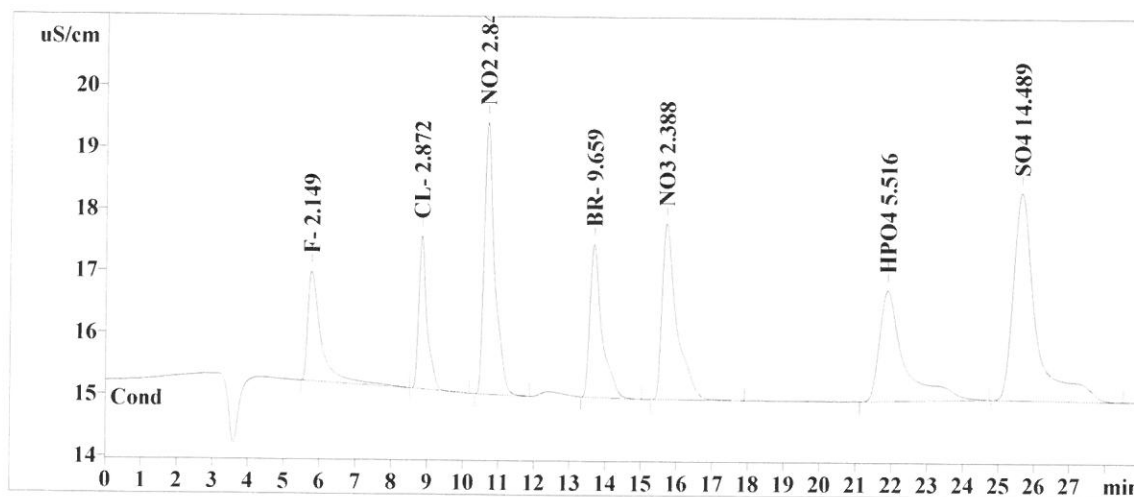
Ident: LB111686BSW  
Analysis from: 10/23/2020 9:04:20 PM  
File: \_2020-10-23\_

Last save: 10/26/2020 8:47:02 AM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 72007

Last save: 10/23/2020 12:59:28 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  | 5.76             | 0.327          | 1.77            | 9.29        | 45.969            | 8.30      | 0. |
| 2  | 8.82             | 0.224          | 2.46            | 12.92       | 40.141            | 7.25      | 0. |
| 3  | 10.66            | 0.286          | 4.39            | 23.03       | 90.270            | 16.30     | 0. |
| 4  | 13.66            | 0.313          | 2.47            | 12.94       | 57.879            | 10.45     | 0. |
| 5  | 15.68            | 0.385          | 2.84            | 14.89       | 82.166            | 14.84     | 0. |
| 6  | 21.88            | 0.568          | 1.78            | 9.36        | 86.476            | 15.62     | 0. |
| 7  | 25.62            | 0.564          | 3.35            | 17.56       | 150.878           | 27.25     | 0. |
| 7  | 29.00            | 0.381          | 19.07           | 99.99       | 553.779           | 100.00    | 0. |

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Report date: 10/26/2020 8:55:25 AM  
Printed by: wet

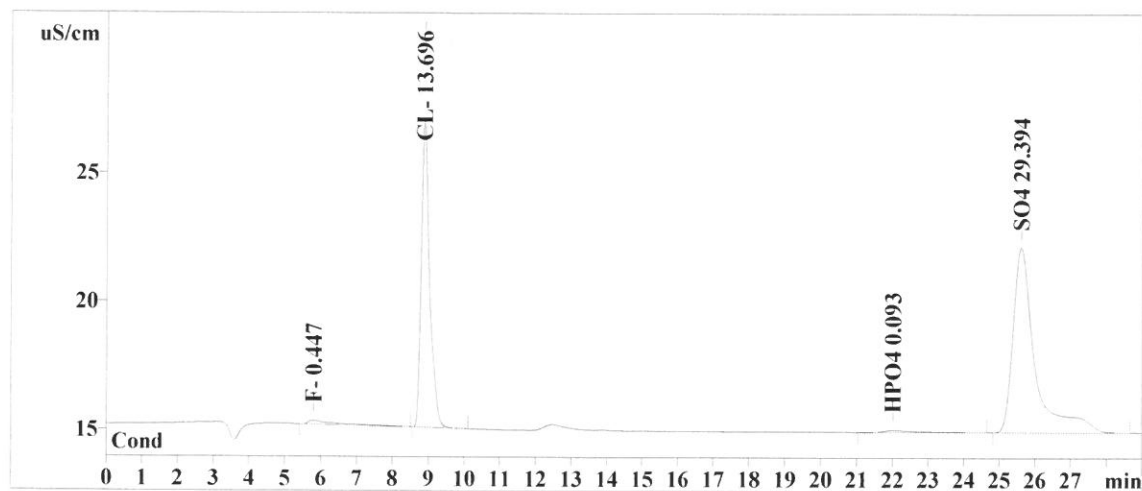
Ident: L4511-01  
Analysis from: 10/23/2020 9:36:14 PM  
File: \_2020-10-23\_

Last save: 10/23/2020 10:05:02 PM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 72008

Last save: 10/23/2020 12:59:28 PM

SAMPLE:  
: AM/AP  
Vial number: 18  
Volume: 20.0  $\mu$ L  
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             | 0.655          | 0.16            | 0.81        | 8.896             | 1.71      | 0. |
| 2  | 8.86             | 0.228          | 12.02           | 61.76       | 195.522           | 37.58     | 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  | 0.00             | 0.000          | 0.00            | 0.00        | 0.000             | 0.00      | 0. |
| 6  | 22.03            | 0.736          | 0.08            | 0.43        | 5.379             | 1.03      | 0. |
| 7  | 25.59            | 0.541          | 7.20            | 36.98       | 310.434           | 59.67     | 0. |
| 7  | 29.00            | 0.309          | 19.46           | 99.99       | 520.231           | 100.00    | 0. |

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Report date: 10/26/2020 8:55:33 AM  
Printed by: wet

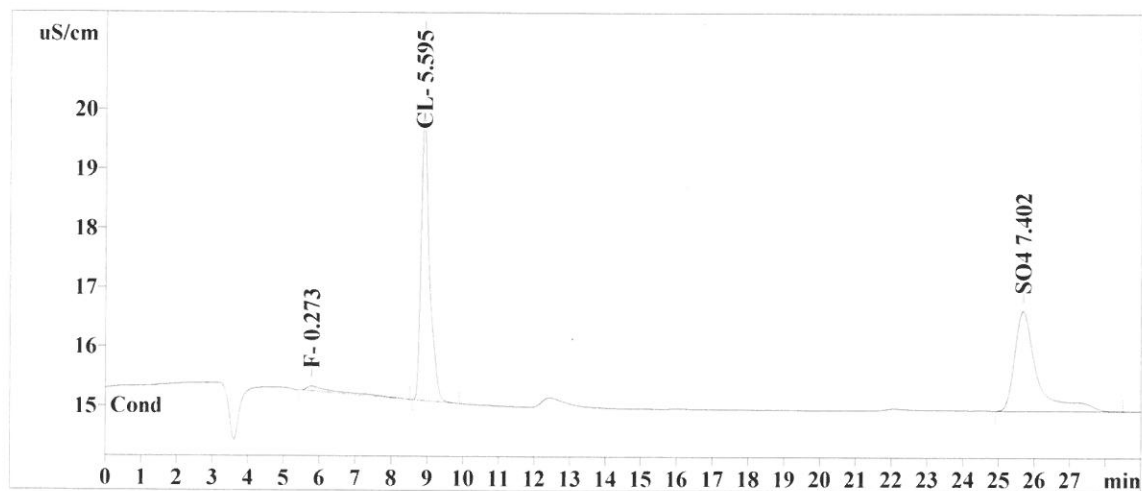
Ident: L4511-02  
Analysis from: 10/23/2020 10:08:08 PM  
File: \_2020-10-23\_

Last save: 10/23/2020 10:36:56 PM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 72009

Last save: 10/23/2020 12:59:28 PM

SAMPLE:  
: AM/AP  
Vial number: 19  
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             | 0.589          | 0.08            | 1.24        | 5.109             | 3.21      | 0. |
| 2  | 8.89             | 0.227          | 4.84            | 73.30       | 79.228            | 49.72     | 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  | 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  | 25.67            | 0.558          | 1.68            | 25.44       | 75.019            | 47.08     | 0. |
| 7  | 29.00            | 0.196          | 6.61            | 99.97       | 159.356           | 100.00    | 0. |

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Report date: 10/26/2020 8:55:40 AM  
Printed by: wet

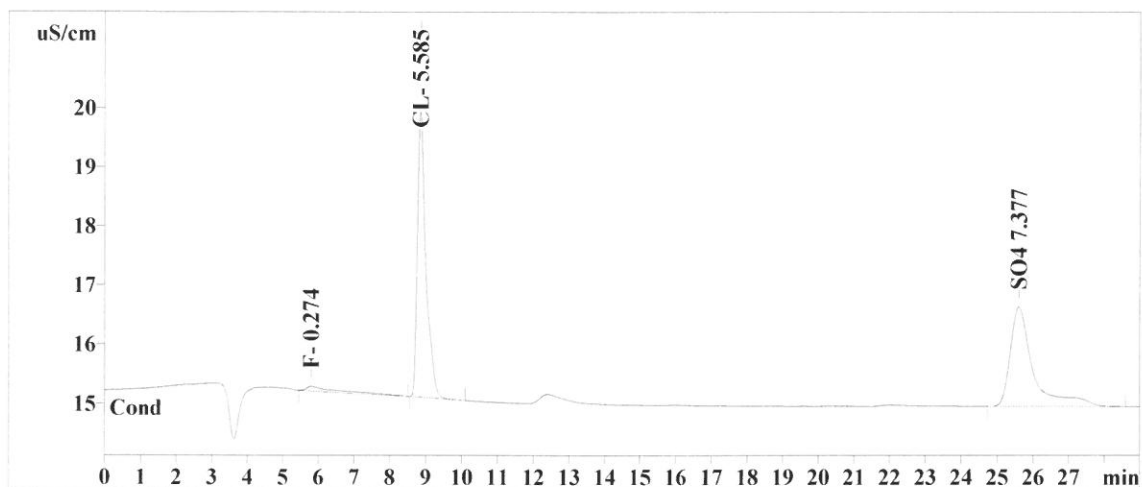
Ident: L4511-02DUP  
Analysis from: 10/23/2020 10:40:02 PM  
File: \_2020-10-23\_

Last save: 10/23/2020 11:08:50 PM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 72010

Last save: 10/23/2020 12:59:28 PM

SAMPLE:  
: AM/AP  
Vial number: 20  
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             | 0.579          | 0.08            | 1.18        | 5.138             | 3.23      | 0. |
| 2  | 8.85             | 0.227          | 4.82            | 73.31       | 79.095            | 49.75     | 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  | 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  | 25.60            | 0.556          | 1.68            | 25.49       | 74.752            | 47.02     | 0. |
| 7  | 29.00            | 0.195          | 6.58            | 99.98       | 158.985           | 100.00    | 0. |

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Report date: 10/26/2020 8:55:47 AM  
Printed by: wet

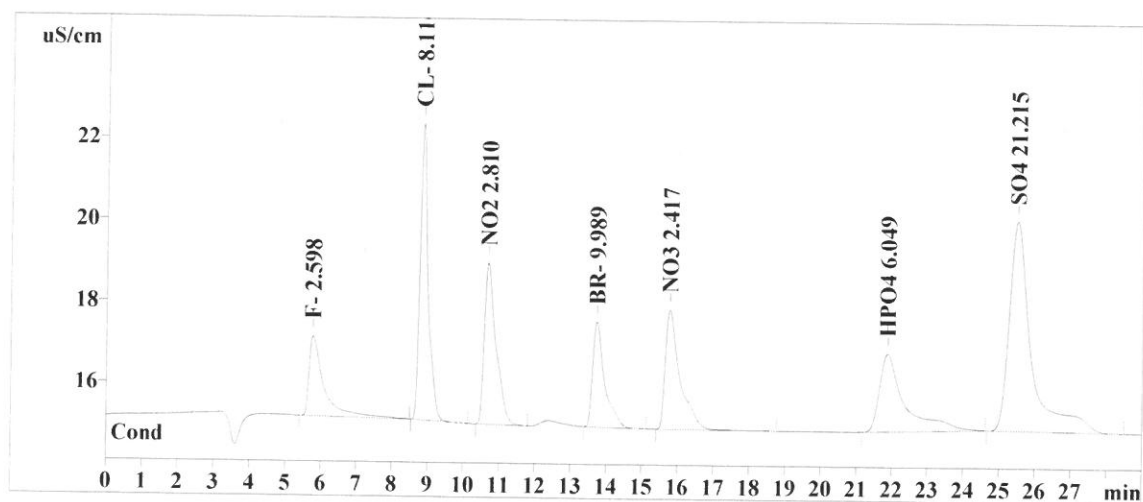
Ident: L4511-02MS  
Analysis from: 10/23/2020 11:11:56 PM  
File: \_2020-10-23\_

Last save: 10/23/2020 11:40:44 PM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 72011

Last save: 10/23/2020 12:59:28 PM

SAMPLE:  
: AM/AP  
Vial number: 21  
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             | 0.345          | 1.95            | 7.60        | 55.749            | 7.74      | 0. |
| 2  | 8.83             | 0.219          | 7.25            | 28.26       | 115.428           | 16.02     | 0. |
| 3  | 10.67            | 0.328          | 3.94            | 15.37       | 89.069            | 12.36     | 0. |
| 4  | 13.72            | 0.311          | 2.57            | 10.01       | 59.932            | 8.32      | 0. |
| 5  | 15.76            | 0.379          | 2.92            | 11.37       | 83.182            | 11.54     | 0. |
| 6  | 21.86            | 0.580          | 1.90            | 7.40        | 94.459            | 13.11     | 0. |
| 7  | 25.48            | 0.546          | 5.13            | 19.99       | 222.884           | 30.93     | 0. |
| 7  | 29.00            | 0.387          | 25.64           | 99.99       | 720.704           | 100.00    | 0. |

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Report date: 10/26/2020 8:55:53 AM  
 Printed by: wet

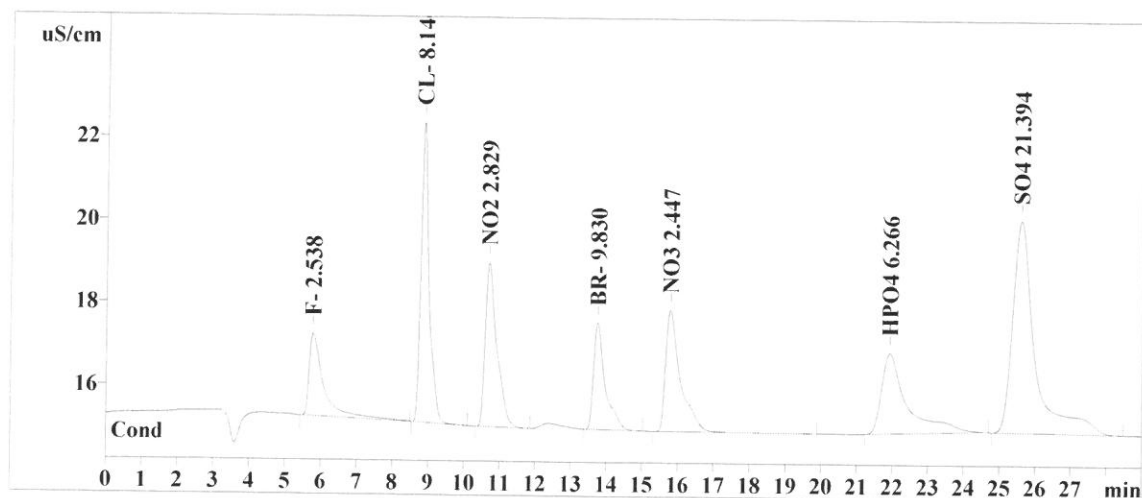
Ident: L4511-02MSD  
 Analysis from: 10/23/2020 11:43:50 PM  
 File: \_2020-10-23\_

Last save: 10/24/2020 12:12:38 AM

Method: ANIONS 10-21-20.mtw  
 Run operator: wet  
 Analysis number: 72012

Last save: 10/23/2020 12:59:28 PM

SAMPLE:  
 : AM/AP  
 Vial number: 22  
 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             | 0.341          | 1.98            | 7.70        | 54.435            | 7.50      | 0. |
| 2  | 8.84             | 0.220          | 7.23            | 28.15       | 115.852           | 15.96     | 0. |
| 3  | 10.68            | 0.328          | 3.96            | 15.39       | 89.715            | 12.36     | 0. |
| 4  | 13.74            | 0.303          | 2.56            | 9.97        | 58.943            | 8.12      | 0. |
| 5  | 15.76            | 0.382          | 2.91            | 11.34       | 84.258            | 11.61     | 0. |
| 6  | 21.91            | 0.588          | 1.94            | 7.54        | 97.699            | 13.46     | 0. |
| 7  | 25.57            | 0.551          | 5.11            | 19.89       | 224.799           | 30.98     | 0. |
| 7  | 29.00            | 0.387          | 25.69           | 100.00      | 725.701           | 100.00    | 0. |

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Report date: 10/26/2020 8:59:07 AM  
Printed by: wet

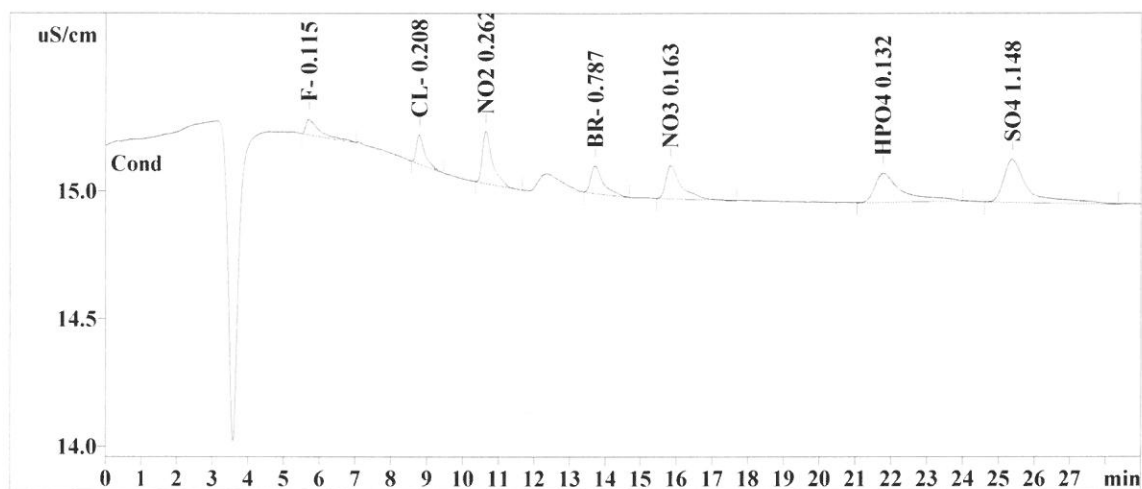
Ident: L4214-07  
Analysis from: 10/24/2020 12:47:38 AM  
File: \_2020-10-24\_

Last save: 10/26/2020 8:59:08 AM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 72014

Last save: 10/23/2020 12:59:28 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  | 5.70             | 0.338          | 0.06            | 6.78        | 1.673             | 5.90      | 0. |
| 2  | 8.78             | 0.223          | 0.11            | 12.67       | 1.900             | 6.70      | 0. |
| 3  | 10.63            | 0.269          | 0.20            | 22.57       | 4.072             | 14.36     | 0. |
| 4  | 13.71            | 0.326          | 0.11            | 11.89       | 2.637             | 9.30      | 0. |
| 5  | 15.83            | 0.390          | 0.13            | 14.41       | 4.036             | 14.23     | 0. |
| 6  | 21.78            | 0.641          | 0.11            | 12.51       | 5.972             | 21.06     | 0. |
| 7  | 25.37            | 0.582          | 0.17            | 18.61       | 8.073             | 28.46     | 0. |
| 7  | 29.00            | 0.396          | 0.90            | 99.44       | 28.363            | 100.00    | 0. |

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Report date: 10/26/2020 9:00:39 AM  
Printed by: wet

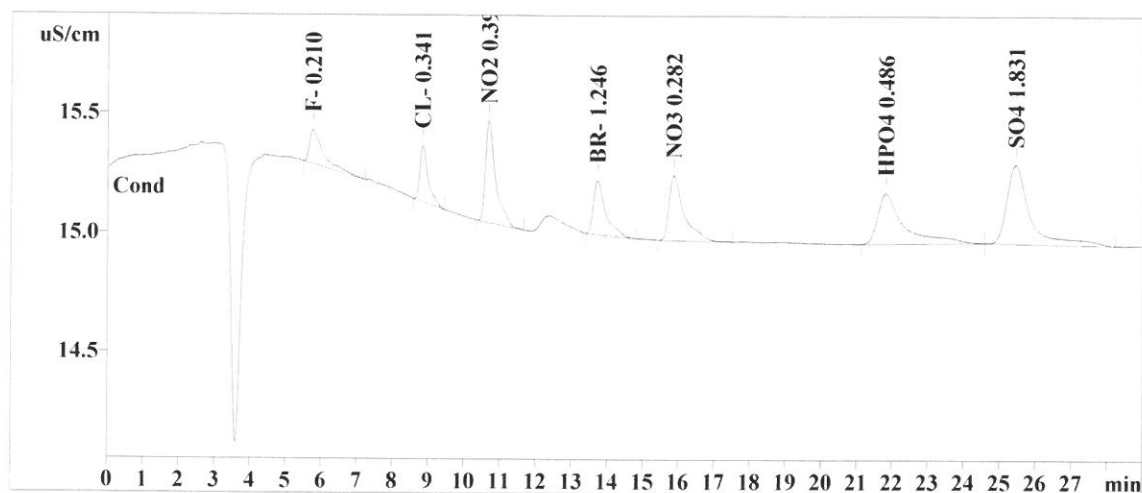
Ident: L4214-08  
Analysis from: 10/24/2020 1:19:32 AM  
File: \_2020-10-24\_

Last save: 10/26/2020 9:00:06 AM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 72015

Last save: 10/23/2020 12:59:28 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  | 5.75             | 0.341          | 0.14            | 7.61        | 3.738             | 6.63      | 0. |
| 2  | 8.82             | 0.223          | 0.23            | 12.64       | 3.808             | 6.75      | 0. |
| 3  | 10.67            | 0.271          | 0.42            | 23.01       | 8.504             | 15.07     | 0. |
| 4  | 13.70            | 0.322          | 0.23            | 12.26       | 5.495             | 9.74      | 0. |
| 5  | 15.84            | 0.395          | 0.27            | 14.77       | 8.223             | 14.57     | 0. |
| 6  | 21.80            | 0.616          | 0.21            | 11.50       | 11.263            | 19.96     | 0. |
| 7  | 25.41            | 0.582          | 0.33            | 17.99       | 15.391            | 27.28     | 0. |
| 7  | 29.00            | 0.393          | 1.84            | 99.79       | 56.423            | 100.00    | 0. |

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Report date: 10/26/2020 9:02:10 AM  
Printed by: wet

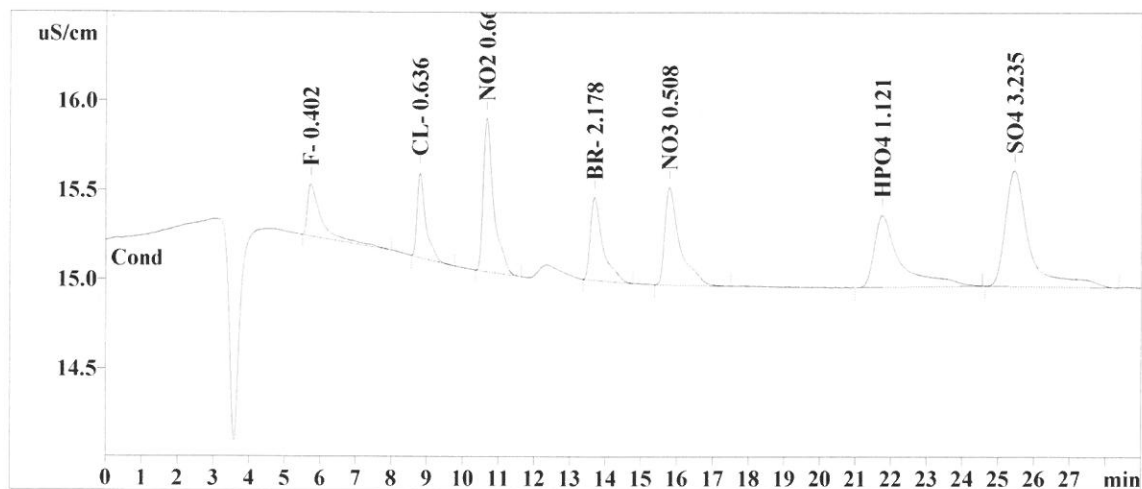
Ident: L4214-08RE  
Analysis from: 10/24/2020 1:51:26 AM  
File: \_2020-10-24\_

Last save: 10/26/2020 9:02:08 AM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 72016

Last save: 10/23/2020 12:59:28 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  | 5.72             | 0.332          | 0.29            | 7.93        | 7.923             | 7.07      | 0. |
| 2  | 8.79             | 0.230          | 0.47            | 12.78       | 8.052             | 7.19      | 0. |
| 3  | 10.66            | 0.275          | 0.86            | 23.32       | 17.452            | 15.58     | 0. |
| 4  | 13.68            | 0.323          | 0.46            | 12.58       | 11.296            | 10.08     | 0. |
| 5  | 15.77            | 0.388          | 0.54            | 14.79       | 16.140            | 14.41     | 0. |
| 6  | 21.75            | 0.599          | 0.40            | 10.93       | 20.757            | 18.53     | 0. |
| 7  | 25.45            | 0.597          | 0.65            | 17.60       | 30.413            | 27.15     | 0. |
| 7  | 29.00            | 0.392          | 3.68            | 99.93       | 112.032           | 100.00    | 0. |

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Report date: 10/26/2020 9:02:23 AM  
 Printed by: wet

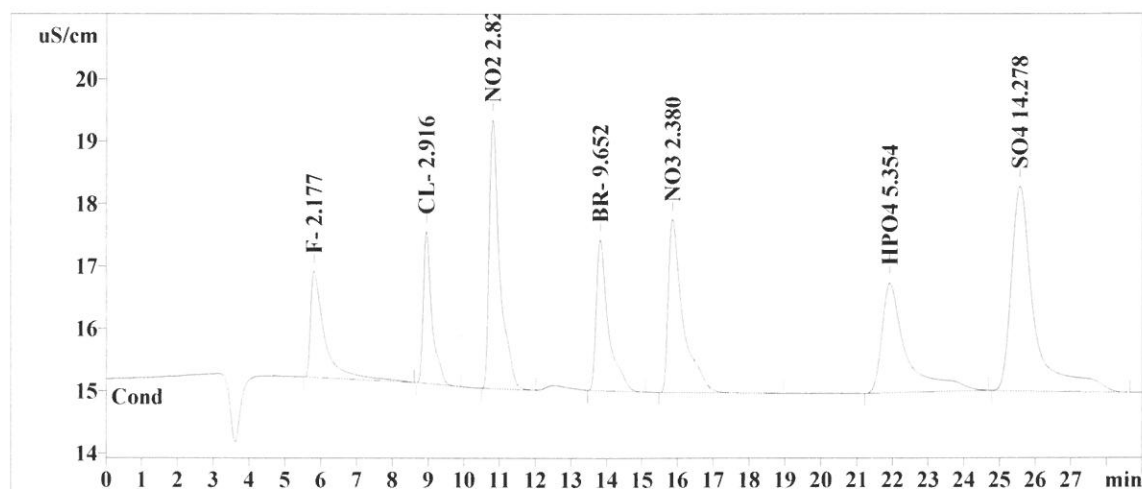
Ident: CCV  
 Analysis from: 10/24/2020 2:23:20 AM  
 File: \_2020-10-24\_

Last save: 10/24/2020 2:52:08 AM

Method: ANIONS 10-21-20.mtw  
 Run operator: wet  
 Analysis number: 72017

Last save: 10/23/2020 12:59:28 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  | 5.81             | 0.340          | 1.70            | 9.11        | 46.593            | 8.48      | 0. |
| 2  | 8.94             | 0.227          | 2.43            | 13.01       | 40.779            | 7.42      | 0. |
| 3  | 10.80            | 0.283          | 4.31            | 23.07       | 89.575            | 16.31     | 0. |
| 4  | 13.81            | 0.315          | 2.41            | 12.93       | 57.837            | 10.53     | 0. |
| 5  | 15.85            | 0.386          | 2.77            | 14.86       | 81.900            | 14.91     | 0. |
| 6  | 21.92            | 0.568          | 1.76            | 9.42        | 84.062            | 15.30     | 0. |
| 7  | 25.56            | 0.570          | 3.28            | 17.57       | 148.622           | 27.05     | 0. |
| 7  | 29.00            | 0.384          | 18.66           | 99.98       | 549.369           | 100.00    | 0. |

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Report date: 10/26/2020 9:02:30 AM  
Printed by: wet

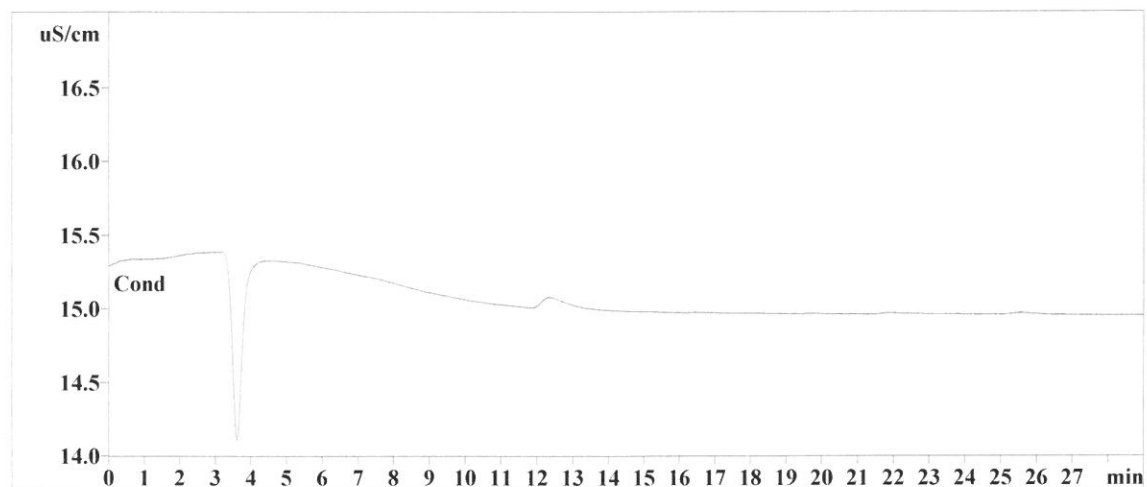
Ident: CCB  
Analysis from: 10/24/2020 2:55:14 AM  
File: \_2020-10-24\_

Last save: 10/24/2020 3:24:02 AM

Method: ANIONS 10-21-20.mtw  
Run operator: wet  
Analysis number: 72018

Last save: 10/23/2020 12:59:28 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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