

Clear table

IC-2 300'0  
02-13-19 *AD*

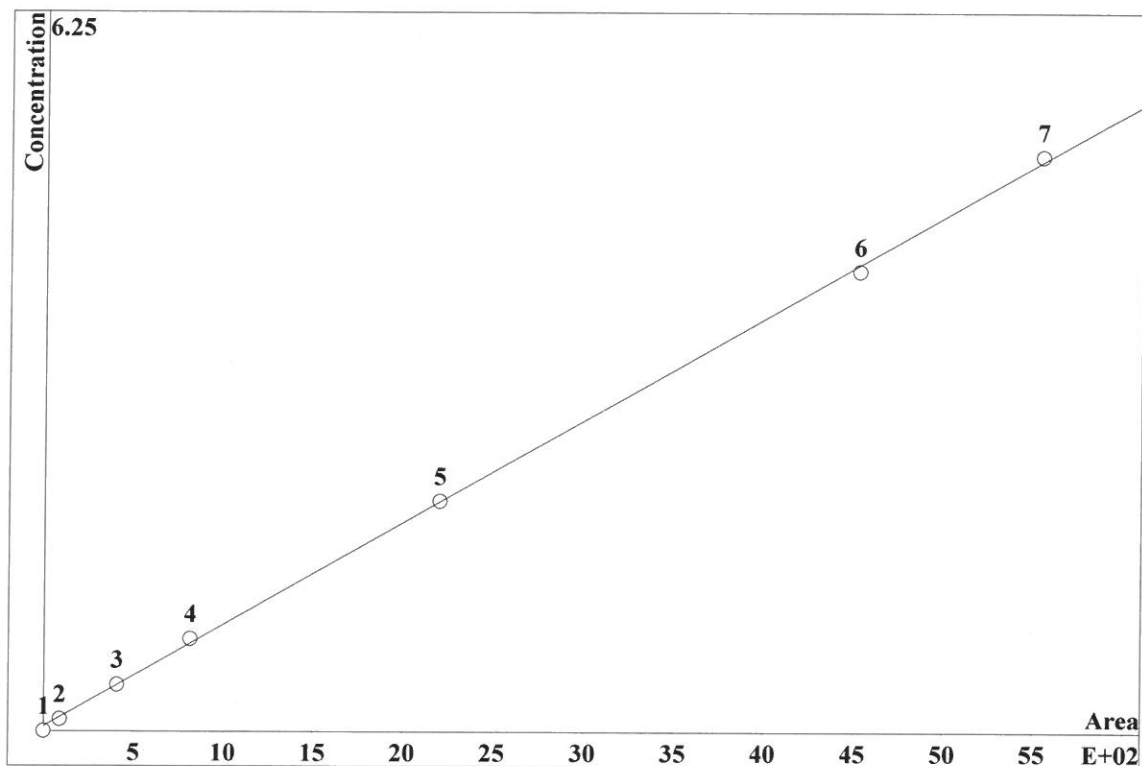
| ident       | concentrati<br>on F- | concentrati<br>on CL- | concentrati<br>on NO2 | concentrati<br>on BR- | concentrati<br>on NO3 | concentrati<br>on HPO4 | concentrati<br>on SO4 | file name   | date time     | Initial<br>wt/<br>Final | Analyst |
|-------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-------------|---------------|-------------------------|---------|
| STD1        | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2019-02-05_ | 2/5/19 10:53  |                         | AK/AP   |
| STD2        | 0.1210               | 0.2400                | 0.2900                | 0.7960                | 0.2110                | -0.0690                | 1.4940                | 2019-02-05_ | 2/5/19 11:25  |                         | AK/AP   |
| STD3        | 0.4020               | 0.6420                | 0.6390                | 2.0930                | 0.5270                | 1.0600                 | 3.1450                | 2019-02-05_ | 2/5/19 11:56  |                         | AK/AP   |
| STD4        | 0.7630               | 1.1770                | 1.1620                | 3.9040                | 0.9730                | 2.2500                 | 5.8730                | 2019-02-05_ | 2/5/19 12:27  |                         | AK/AP   |
| STD5        | 1.9970               | 2.8790                | 2.8410                | 9.6810                | 2.4010                | 5.1540                 | 14.1240               | 2019-02-05_ | 2/5/19 12:58  |                         | AK/AP   |
| STD6        | 4.0590               | 5.8650                | 5.8390                | 19.5940               | 4.9010                | 9.8590                 | 29.2220               | 2019-02-05_ | 2/5/19 13:29  |                         | AK/AP   |
| STD7        | 4.9580               | 7.6460                | 7.6780                | 25.4320               | 6.3630                | 12.4960                | 38.3930               | 2019-02-05_ | 2/5/19 14:00  |                         | AK/AP   |
| ICV         | 2.0790               | 2.9380                | 2.8880                | 9.7760                | 2.4190                | 5.4500                 | 14.3220               | 2019-02-05_ | 2/5/19 14:44  |                         | AK/AP   |
| ICB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2019-02-05_ | 2/5/19 15:17  |                         | AK/AP   |
| CCV         | 1.9680               | 2.9500                | 2.8950                | 9.8460                | 2.4570                | 6.7980                 | 14.0500               | 2019-02-12_ | 2/12/19 9:14  |                         | AK/AP   |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2019-02-12_ | 2/12/19 9:45  |                         | AK/AP   |
| LB100805BLW | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2019-02-12_ | 2/12/19 10:15 |                         | AK/AP   |
| LB100805BSW | 1.9900               | 2.8090                | 2.7550                | 9.3480                | 2.3240                | 6.9500                 | 13.2900               | 2019-02-12_ | 2/12/19 10:46 |                         | AK/AP   |
| K1467-01    | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2019-02-12_ | 2/12/19 11:21 |                         | AK/AP   |
| K1467-01DUP | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2019-02-12_ | 2/12/19 11:52 |                         | AK/AP   |
| K1467-01MS  | 2.0480               | 2.9960                | 2.9280                | 9.9390                | 2.4820                | 6.5570                 | 14.3700               | 2019-02-12_ | 2/12/19 12:23 |                         | AK/AP   |
| K1467-01MSD | 1.8620               | 2.8810                | 2.8490                | 9.5690                | 2.4080                | 6.3240                 | 13.8490               | 2019-02-12_ | 2/12/19 12:54 |                         | AK/AP   |
| CCV         | 2.0670               | 2.9580                | 2.9080                | 9.8600                | 2.4670                | 6.9590                 | 14.0690               | 2019-02-12_ | 2/12/19 13:25 |                         | AK/AP   |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2019-02-12_ | 2/12/19 13:56 |                         | AK/AP   |

CALIBRATION OF COMPONENT F-

Method: AnionsIC2-020519.mtw  
 Equation:  $Q = 0.0177421 \cdot A + 0.815944$   
 RSD: 2.047 %  
 Correlation coefficient: 0.999829

IC-2 Cal

02-05-19 AK



K3 = 0      K2 = 0      K1 = 0.0177421      K0 = 0.815944

Base: Area

Ref.channel: ch1

ISTD:

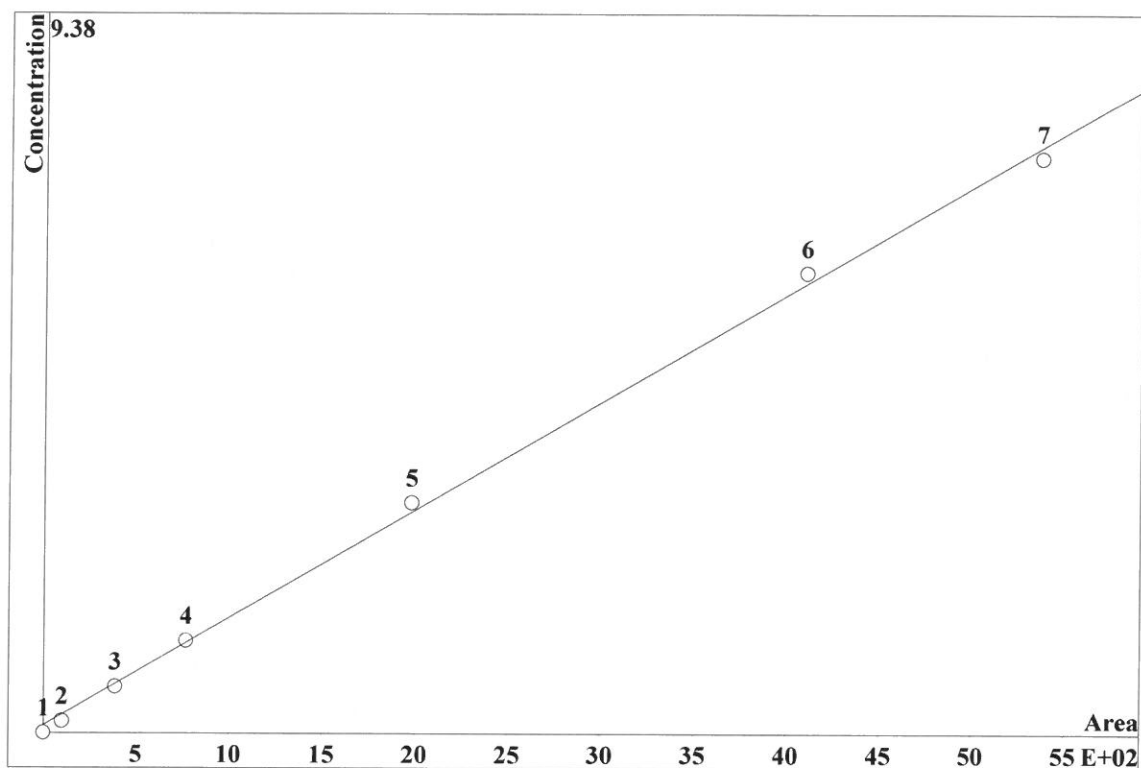
Formula: Linear

Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     |        | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 3.302  | 90.71 | 0.1   | 20      | 5.096     |      |      |
| 3     | 14.55  | 406.7 | 0.4   | 20      | 5.096     |      |      |
| 4     | 29.15  | 814.2 | 0.8   | 20      | 5.096     |      |      |
| 5     | 79.71  | 2205  | 2     | 20      | 5.096     |      |      |
| 6     | 166.4  | 4529  | 4     | 20      | 5.096     |      |      |
| 7     | 208.2  | 5543  | 5     | 20      | 5.096     |      |      |

## CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-020519.mtw  
 Equation:  $Q = 0.0281119 \cdot A + 1.93925$   
 RSD: 4.134 %  
 Correlation coefficient: 0.999302

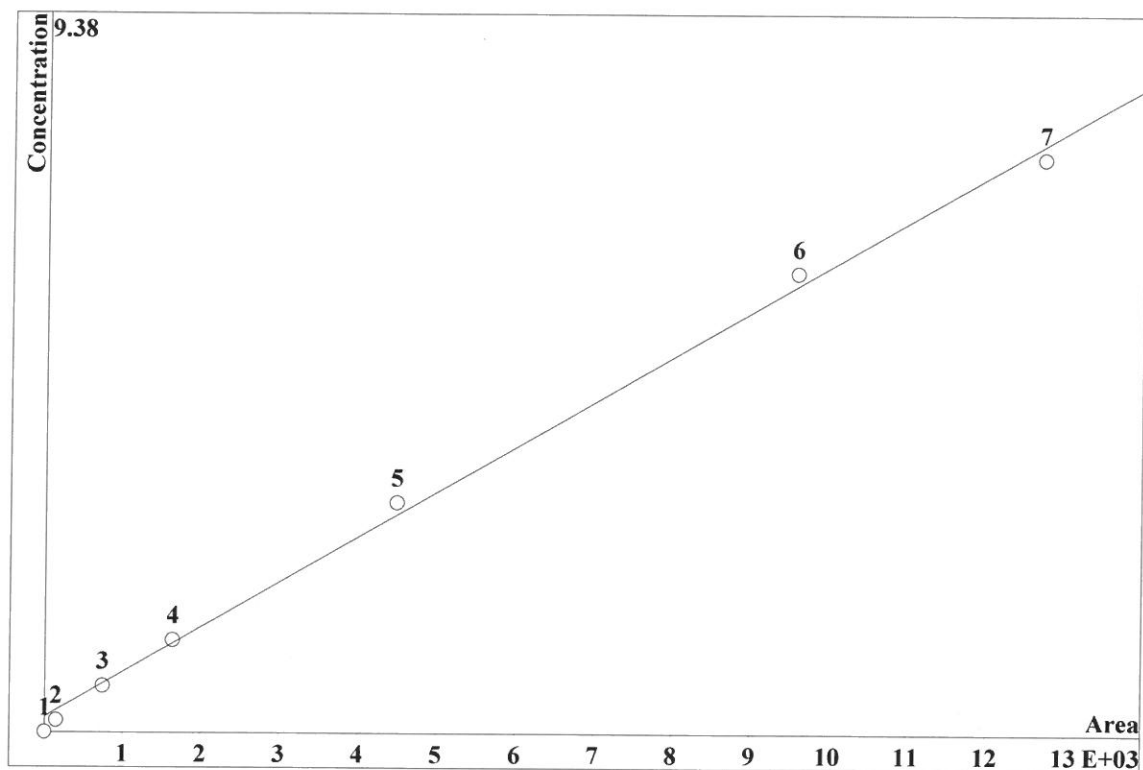


K3 = 0      K2 = 0      K1 = 0.0281119      K0 = 1.93925  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used File |
|-------|--------|-------|-------|---------|-----------|-----------|
| 1     | 0      | 0     | 0     | 0       | 0         | 0         |
| 2     | 5.696  | 102.1 | 0.15  | 20      | 8.613     |           |
| 3     | 22.11  | 388   | 0.6   | 20      | 8.613     |           |
| 4     | 44.5   | 768.2 | 1.2   | 20      | 8.613     |           |
| 5     | 115.8  | 1979  | 3     | 20      | 8.613     |           |
| 6     | 242.4  | 4104  | 6     | 20      | 8.613     |           |
| 7     | 321.3  | 5371  | 7.5   | 20      | 8.613     |           |

# CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-020519.mtw  
 Equation:  $Q = 0.0117747 \cdot A + 3.98511$   
 RSD: 5.281 %  
 Correlation coefficient: 0.998861

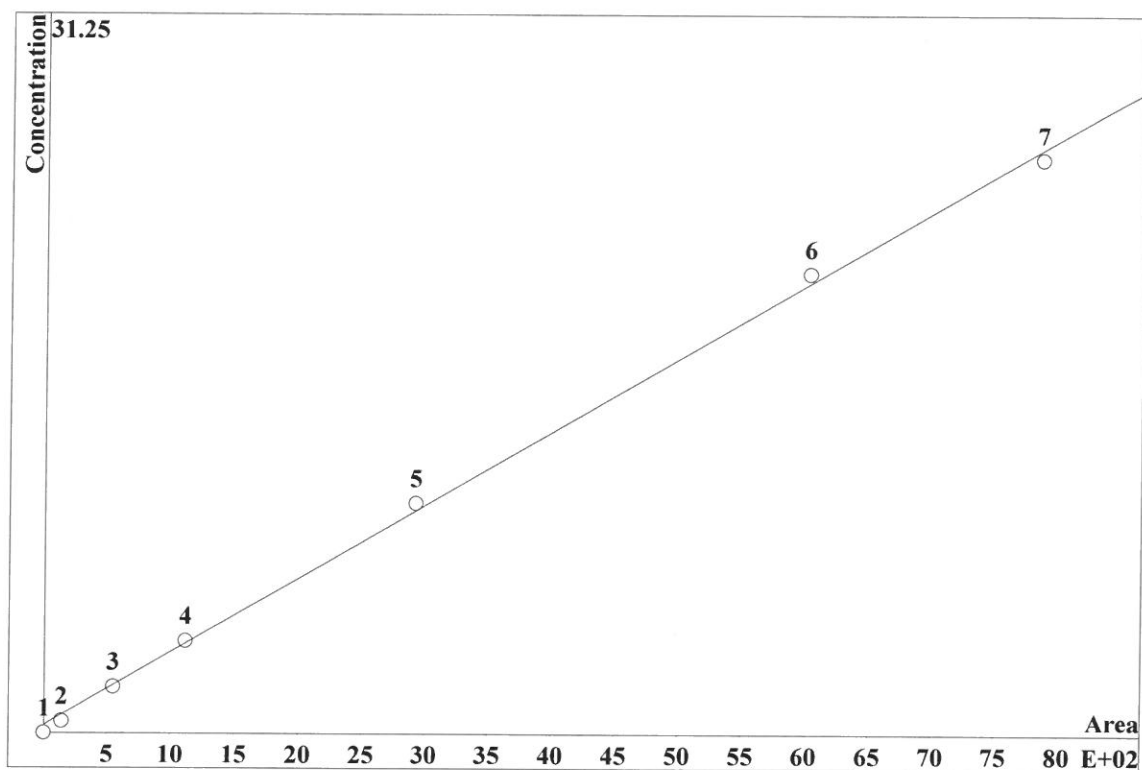


K3 = 0      K2 = 0      K1 = 0.0117747      K0 = 3.98511  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area     | Conc. | Vol/Dil | Retention | Used File |
|-------|--------|----------|-------|---------|-----------|-----------|
| 1     | 0      | 0        | 0     | 0       | 0         | 0         |
| 2     | 10.38  | 154      | 0.15  | 20      | 11.03     |           |
| 3     | 43.98  | 747.6    | 0.6   | 20      | 11.03     |           |
| 4     | 91.89  | 1635     | 1.2   | 20      | 11.03     |           |
| 5     | 247.3  | 4488     | 3     | 20      | 11.03     |           |
| 6     | 509.3  | 9579     | 6     | 20      | 11.03     |           |
| 7     | 661.4  | 1.27e+04 | 7.5   | 20      | 11.03     |           |

## CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-020519.mtw  
 Equation:  $Q = 0.0638271 \cdot A + 6.91709$   
 RSD: 3.649 %  
 Correlation coefficient: 0.999456



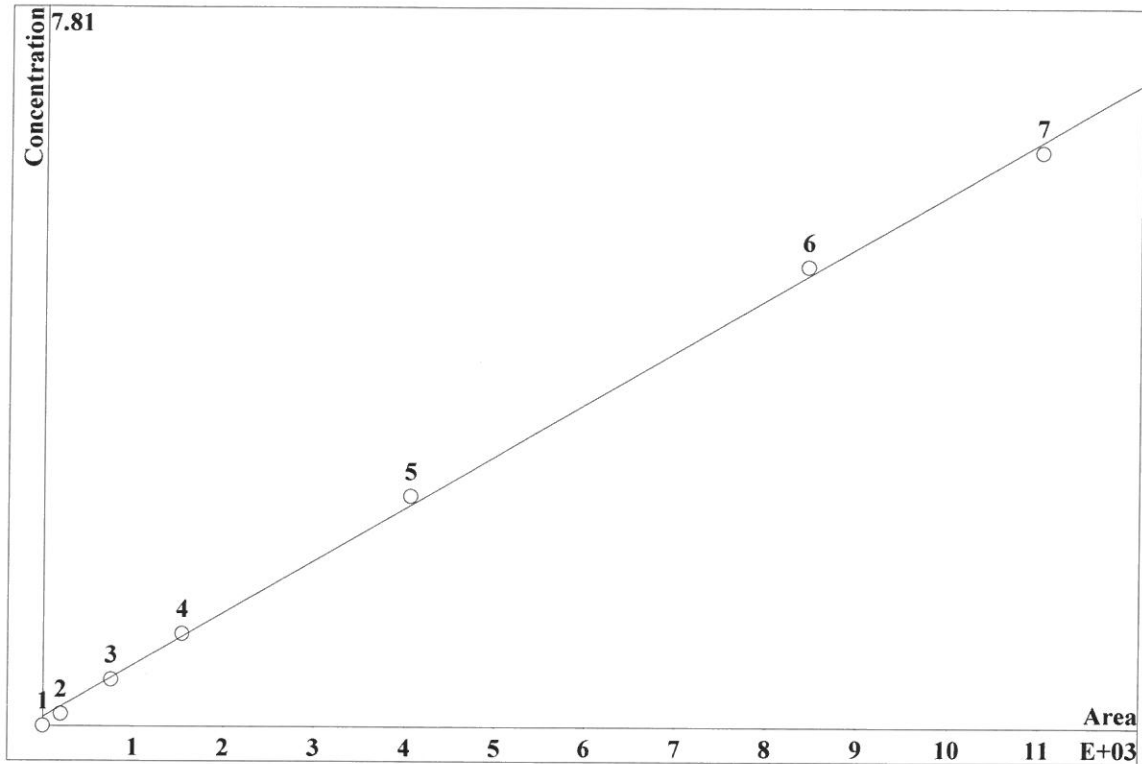
K3 = 0      K2 = 0      K1 = 0.0638271      K0 = 6.91709

Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File  |
|-------|--------|-------|-------|---------|-----------|------|-------|
| 1     |        | 0     | 0     | 0       |           |      | 0     |
| 2     | 5.146  | 141.1 | 0.5   | 20      |           |      | 14.42 |
| 3     | 20.6   | 547.5 | 2     | 20      |           |      | 14.42 |
| 4     | 41.74  | 1115  | 4     | 20      |           |      | 14.42 |
| 5     | 107.6  | 2925  | 10    | 20      |           |      | 14.42 |
| 6     | 221.9  | 6031  | 20    | 20      |           |      | 14.42 |
| 7     | 290.1  | 7861  | 25    | 20      |           |      | 14.42 |

## CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-020519.mtw  
 Equation:  $Q = 0.0113775 \cdot A + 1.91293$   
 RSD: 3.953 %  
 Correlation coefficient: 0.999362



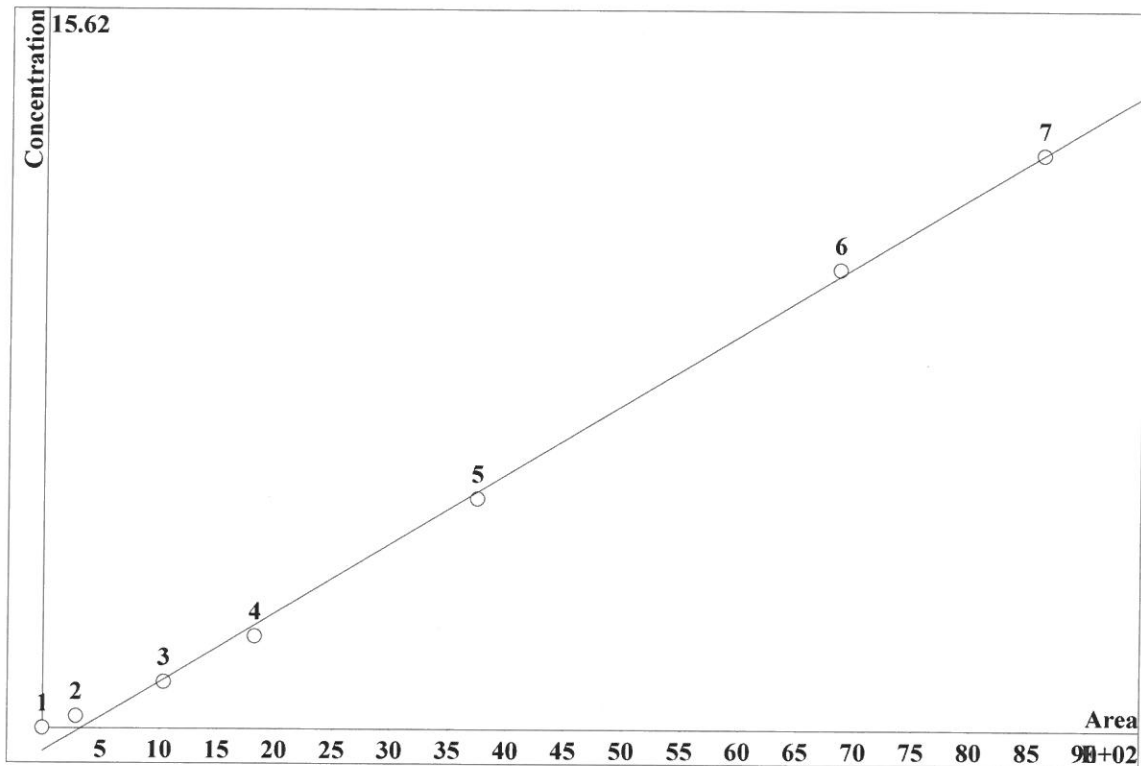
K3 = 0      K2 = 0      K1 = 0.0113775      K0 = 1.91293  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area      | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-----------|-------|---------|-----------|------|------|
| 1     | 0      | 0         | 0     | 0       | 0         |      | 0    |
| 2     | 6.249  | 202       | 0.125 | 20      | 17.16     |      |      |
| 3     | 24.18  | 757.6     | 0.5   | 20      | 17.16     |      |      |
| 4     | 48.25  | 1543      | 1     | 20      | 17.16     |      |      |
| 5     | 121.2  | 4052      | 2.5   | 20      | 17.16     |      |      |
| 6     | 242.4  | 8447      | 5     | 20      | 17.16     |      |      |
| 7     | 312.1  | 1.102e+04 | 6.25  | 20      | 17.16     |      |      |

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CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-020519.mtw  
 Equation:  $Q = 0.0302179 \cdot A - 10.1038$   
 RSD: 4.494 %  
 Correlation coefficient: 0.999176



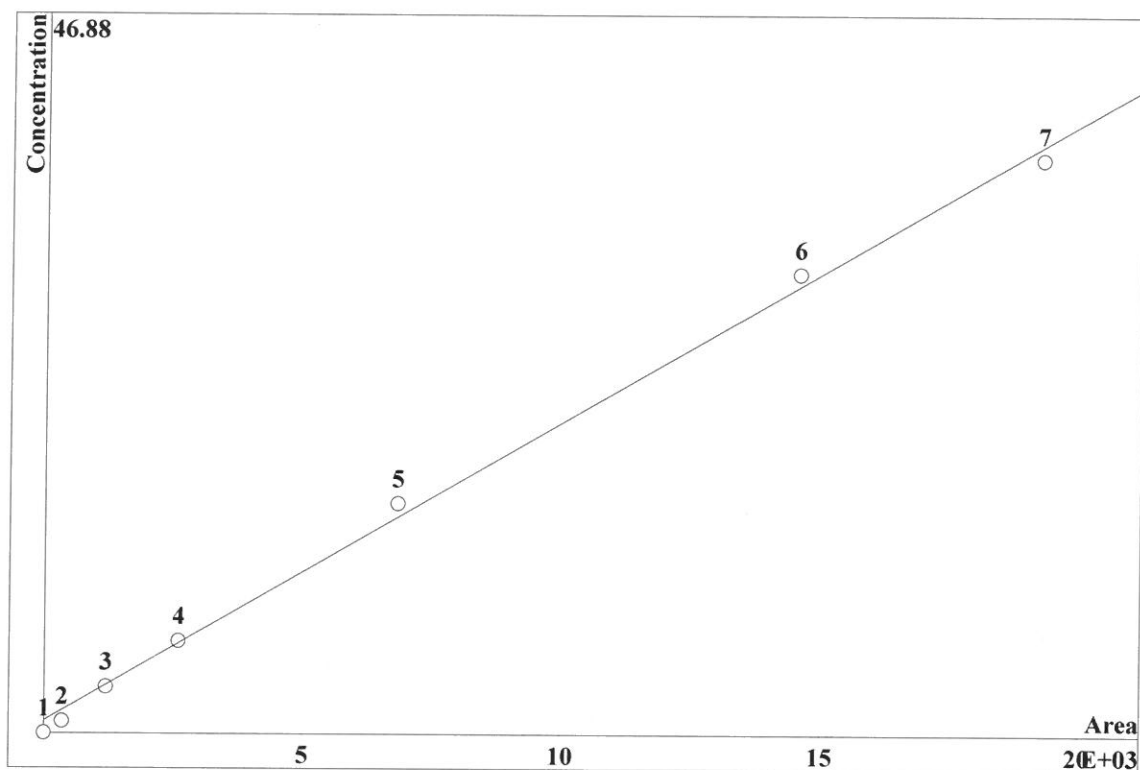
K3 = 0      K2 = 0      K1 = 0.0302179      K0 = -10.1038  
 Base: Area  
 Ref.channel: chl  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 6.921  | 288.4 | 0.25  | 20      | 21.99     |      |      |
| 3     | 25.21  | 1036  | 1     | 20      | 21.99     |      |      |
| 4     | 44.85  | 1824  | 2     | 20      | 21.99     |      |      |
| 5     | 94.31  | 3746  | 5     | 20      | 21.99     |      |      |
| 6     | 173.8  | 6859  | 10    | 20      | 21.99     |      |      |
| 7     | 217.6  | 8605  | 12.5  | 20      | 21.99     |      |      |

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CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-020519.mtw  
 Equation:  $Q = 0.0390215 \cdot A + 16.1658$   
 RSD: 5.403 %  
 Correlation coefficient: 0.998808



K3 = 0      K2 = 0      K1 = 0.0390215      K0 = 16.1658

Base: Area

Ref.channel: ch1

ISTD:

Formula: Linear

Weight: 1

| Level | Height | Area      | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-----------|-------|---------|-----------|------|------|
| 1     | 0      | 0         | 0     | 0       | 0         |      | 0    |
| 2     | 9.501  | 351.3     | 0.75  | 20      | 23.85     |      |      |
| 3     | 32.81  | 1197      | 3     | 20      | 23.85     |      |      |
| 4     | 66.93  | 2596      | 6     | 20      | 23.85     |      |      |
| 5     | 172.7  | 6825      | 15    | 20      | 23.85     |      |      |
| 6     | 364.3  | 1.456e+04 | 30    | 20      | 23.85     |      |      |
| 7     | 478.8  | 1.926e+04 | 37.5  | 20      | 23.85     |      |      |

Report date: 2/6/2019 10:13:24 AM  
Printed by: wet

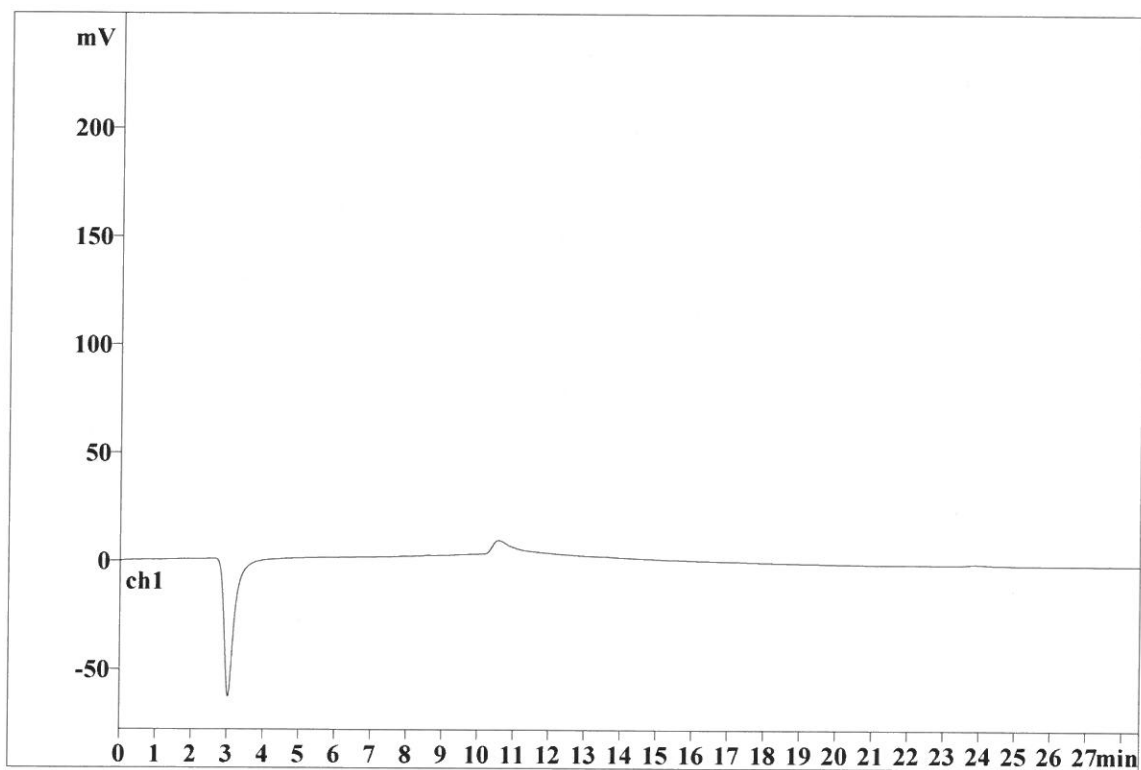
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Analysis from: 2/5/2019 10:53:40 AM  
File: \_2019-02-05\_

Last save: 2/5/2019 2:41:01 PM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 19961

Last save: 2/5/2019 10:13:

SAMPLE:  
: AK/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: 2/6/2019 10:13:48 AM  
Printed by: wet

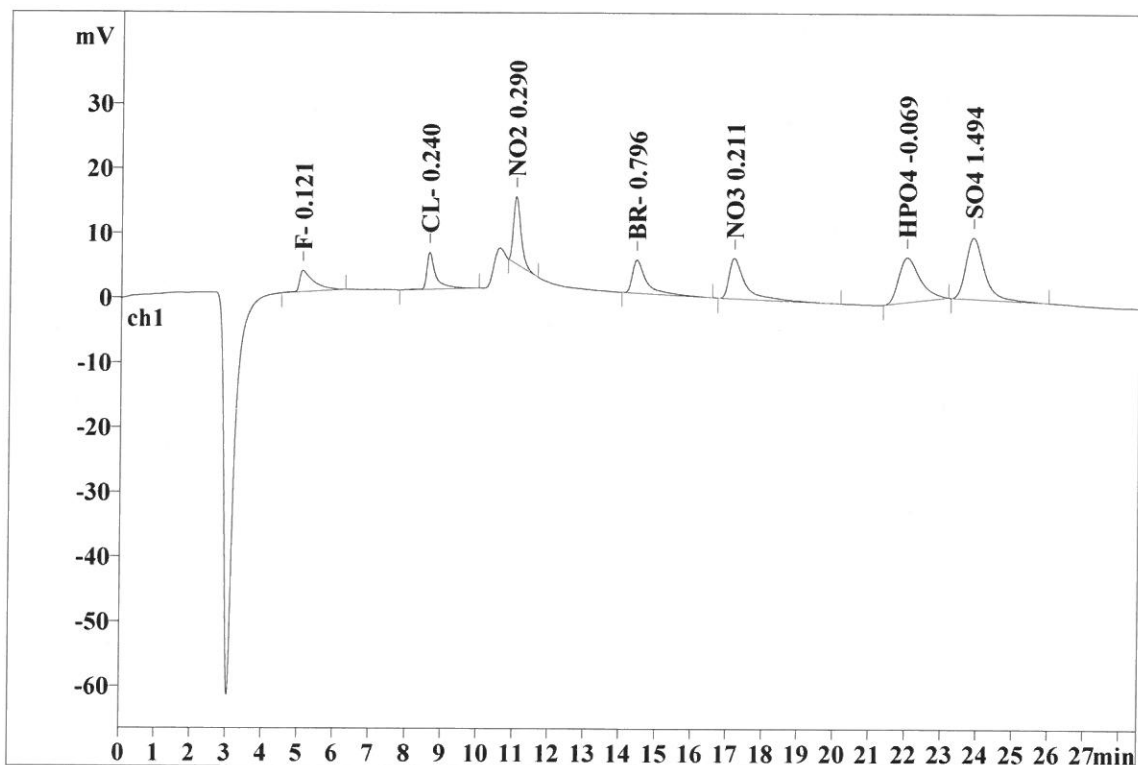
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Analysis from: 2/5/2019 11:25:08 AM  
File: \_2019-02-05\_

Last save: 2/5/2019 2:41:01 PM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 19962

Last save: 2/5/2019 10:13:

SAMPLE:  
: AK/AP  
Vial number: 3  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.10             | 0.372          | 3.30         | 7.00        | 90.714         | 6.82      |
| 2  | 8.61             | 0.220          | 5.70         | 12.07       | 102.074        | 7.68      |
| 3  | 11.03            | 0.224          | 10.38        | 22.00       | 154.035        | 11.58     |
| 4  | 14.42            | 0.347          | 5.15         | 10.90       | 141.128        | 10.61     |
| 5  | 17.16            | 0.407          | 6.25         | 13.24       | 201.970        | 15.19     |
| 6  | 21.99            | 0.626          | 6.92         | 14.66       | 288.426        | 21.69     |
| 7  | 23.85            | 0.536          | 9.50         | 20.13       | 351.279        | 26.42     |
| 7  | 28.50            | 0.390          | 47.19        | 99.99       | 1329.627       | 100.00    |

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Report date: 2/6/2019 10:13:58 AM  
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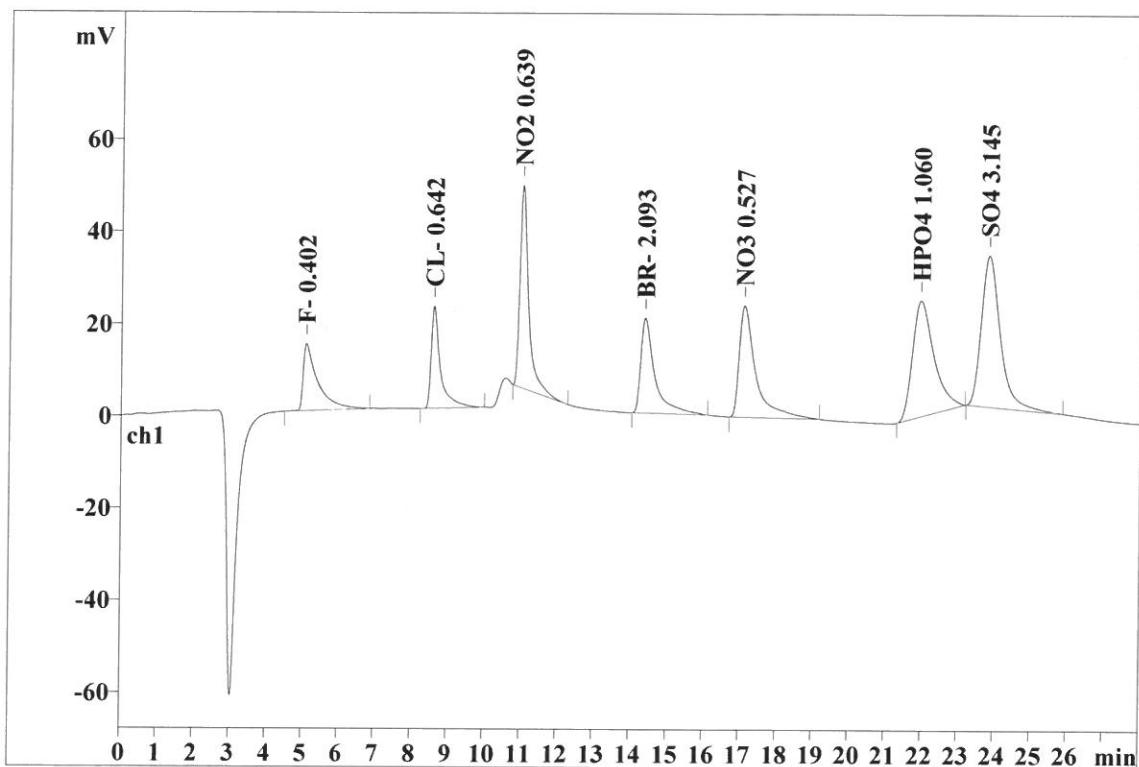
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Analysis from: 2/5/2019 11:56:37 AM  
File: \_2019-02-05\_

Last save: 2/5/2019 2:41:01 PM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 19963

Last save: 2/5/2019 10:13:

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



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.09             | 0.360          | 14.55        | 7.93        | 406.655        | 8.00      |
| 2  | 8.61             | 0.218          | 22.11        | 12.05       | 387.980        | 7.64      |
| 3  | 11.04            | 0.233          | 43.98        | 23.97       | 747.577        | 14.71     |
| 4  | 14.39            | 0.343          | 20.60        | 11.23       | 547.497        | 10.78     |
| 5  | 17.11            | 0.407          | 24.18        | 13.18       | 757.553        | 14.91     |
| 6  | 21.96            | 0.612          | 25.21        | 13.74       | 1036.106       | 20.39     |
| 7  | 23.83            | 0.532          | 32.81        | 17.89       | 1197.412       | 23.57     |
| 7  | 28.00            | 0.386          | 183.44       | 100.00      | 5080.780       | 100.00    |

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Report date: 2/6/2019 10:14:08 AM  
Printed by: wet

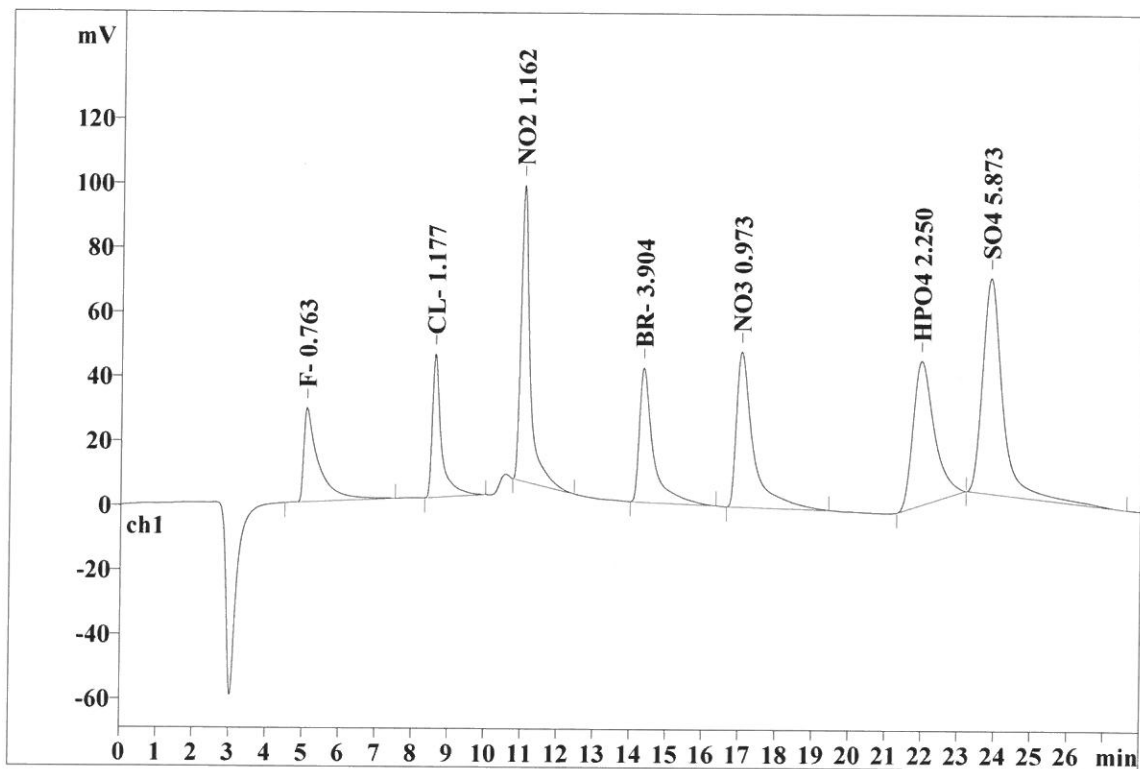
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Analysis from: 2/5/2019 12:27:35 PM  
File: \_2019-02-05\_

Last save: 2/5/2019 2:41:01 PM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 19964

Last save: 2/5/2019 10:13:

SAMPLE:  
: AK/AP  
Vial number: 5  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.09             | 0.345          | 29.15        | 7.94        | 814.216        | 7.91      |
| 2  | 8.60             | 0.216          | 44.50        | 12.12       | 768.241        | 7.46      |
| 3  | 11.03            | 0.235          | 91.88        | 25.01       | 1635.219       | 15.88     |
| 4  | 14.34            | 0.339          | 41.73        | 11.36       | 1114.883       | 10.83     |
| 5  | 17.03            | 0.408          | 48.25        | 13.14       | 1542.622       | 14.98     |
| 6  | 21.95            | 0.604          | 44.85        | 12.21       | 1823.835       | 17.72     |
| 7  | 23.85            | 0.535          | 66.93        | 18.22       | 2595.698       | 25.21     |
| 7  | 28.00            | 0.383          | 367.31       | 100.00      | 10294.714      | 100.00    |

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Report date: 2/6/2019 10:14:45 AM  
Printed by: wet

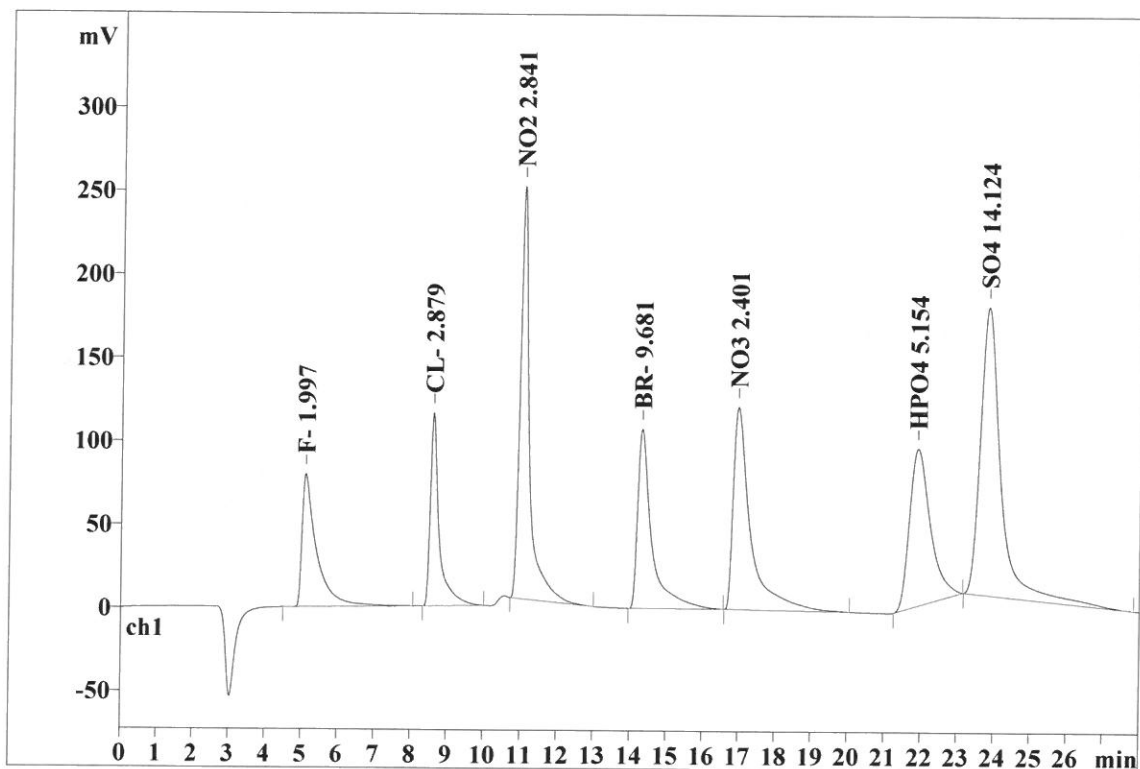
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Analysis from: 2/5/2019 12:58:33 PM  
File: \_2019-02-05\_

Last save: 2/5/2019 2:41:01 PM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 19965

Last save: 2/5/2019 10:13:

SAMPLE:  
: AK/AP  
Vial number: 6  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.10             | 0.355          | 79.70        | 8.49        | 2205.494       | 8.41      |
| 2  | 8.60             | 0.213          | 115.82       | 12.34       | 1979.409       | 7.55      |
| 3  | 11.04            | 0.233          | 247.25       | 26.34       | 4487.864       | 17.12     |
| 4  | 14.31            | 0.341          | 107.55       | 11.46       | 2925.053       | 11.16     |
| 5  | 16.96            | 0.421          | 121.24       | 12.92       | 4052.401       | 15.45     |
| 6  | 21.90            | 0.590          | 94.31        | 10.05       | 3745.677       | 14.29     |
| 7  | 23.82            | 0.536          | 172.72       | 18.40       | 6824.800       | 26.03     |
| 7  | 28.00            | 0.384          | 938.60       | 100.00      | 26220.697      | 100.00    |

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Report date: 2/6/2019 10:15:14 AM  
Printed by: wet

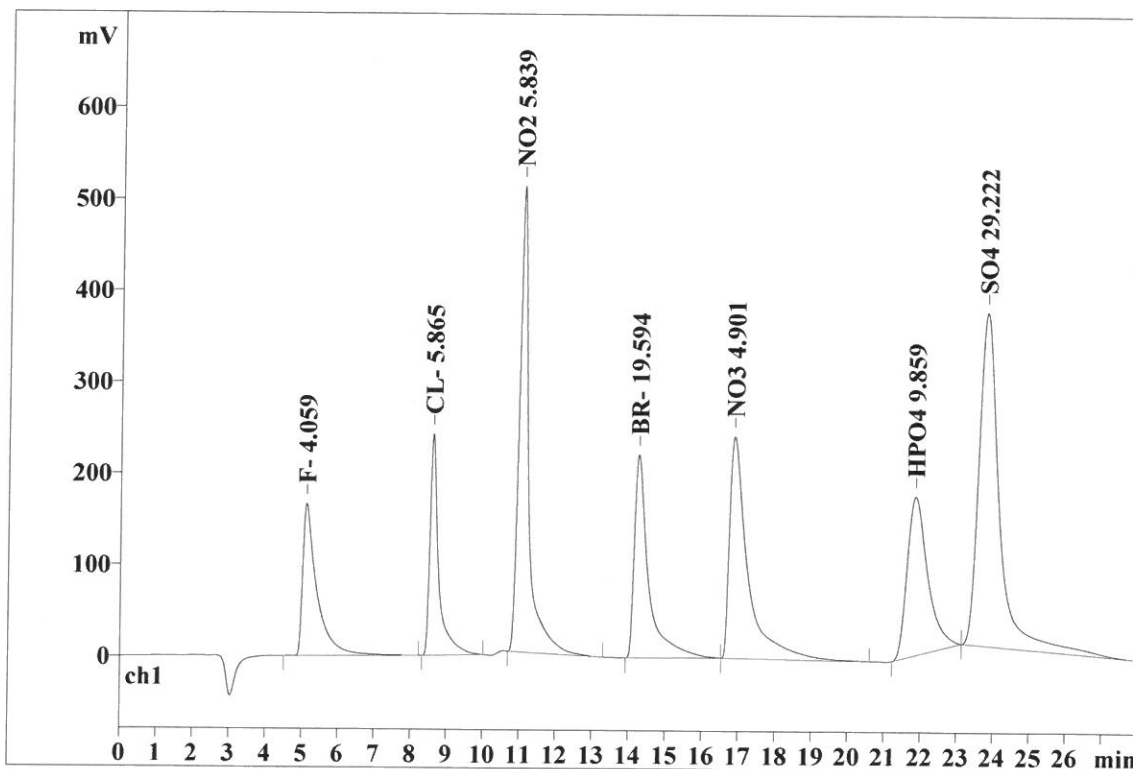
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Analysis from: 2/5/2019 1:29:32 PM  
File: \_2019-02-05\_

Last save: 2/6/2019 10:15:13 AM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 19966

Last save: 2/5/2019 10:13:

SAMPLE:  
: AK/AP  
Vial number: 7  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.11             | 0.355          | 166.39       | 8.66        | 4529.332       | 8.37      |
| 2  | 8.59             | 0.212          | 242.39       | 12.62       | 4103.722       | 7.58      |
| 3  | 11.05            | 0.239          | 509.29       | 26.52       | 9579.312       | 17.70     |
| 4  | 14.25            | 0.342          | 221.92       | 11.56       | 6031.248       | 11.15     |
| 5  | 16.86            | 0.439          | 242.39       | 12.62       | 8447.214       | 15.61     |
| 6  | 21.84            | 0.589          | 173.79       | 9.05        | 6859.362       | 12.68     |
| 7  | 23.79            | 0.538          | 364.29       | 18.97       | 14563.059      | 26.91     |
| 7  | 28.00            | 0.388          | 1920.46      | 100.00      | 54113.249      | 100.00    |

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Report date: 2/6/2019 10:15:26 AM  
Printed by: wet

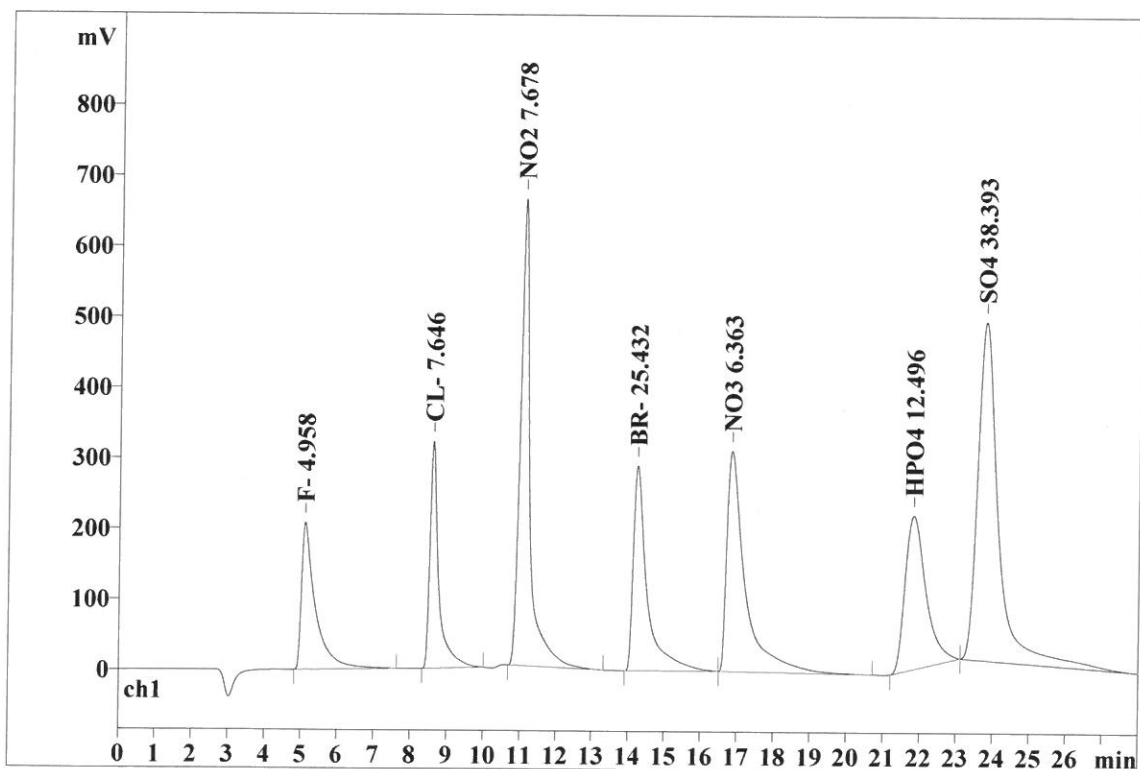
Ident: STD7  
Analysis from: 2/5/2019 2:00:32 PM  
File: \_2019-02-05\_

Last save: 2/5/2019 2:41:01 PM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 19967

Last save: 2/5/2019 10:13:

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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.11             | 0.344          | 208.21       | 8.36        | 5542.942       | 7.88      |
| 2  | 8.60             | 0.209          | 321.28       | 12.91       | 5370.776       | 7.63      |
| 3  | 11.08            | 0.246          | 661.36       | 26.57       | 12703.664      | 18.05     |
| 4  | 14.24            | 0.342          | 290.14       | 11.65       | 7860.779       | 11.17     |
| 5  | 16.84            | 0.447          | 312.05       | 12.53       | 11016.566      | 15.66     |
| 6  | 21.81            | 0.591          | 217.56       | 8.74        | 8604.967       | 12.23     |
| 7  | 23.77            | 0.541          | 478.81       | 19.23       | 19263.655      | 27.38     |
| 7  | 28.00            | 0.388          | 2489.41      | 100.00      | 70363.349      | 100.00    |

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Report date: 2/6/2019 10:16:05 AM  
Printed by: wet

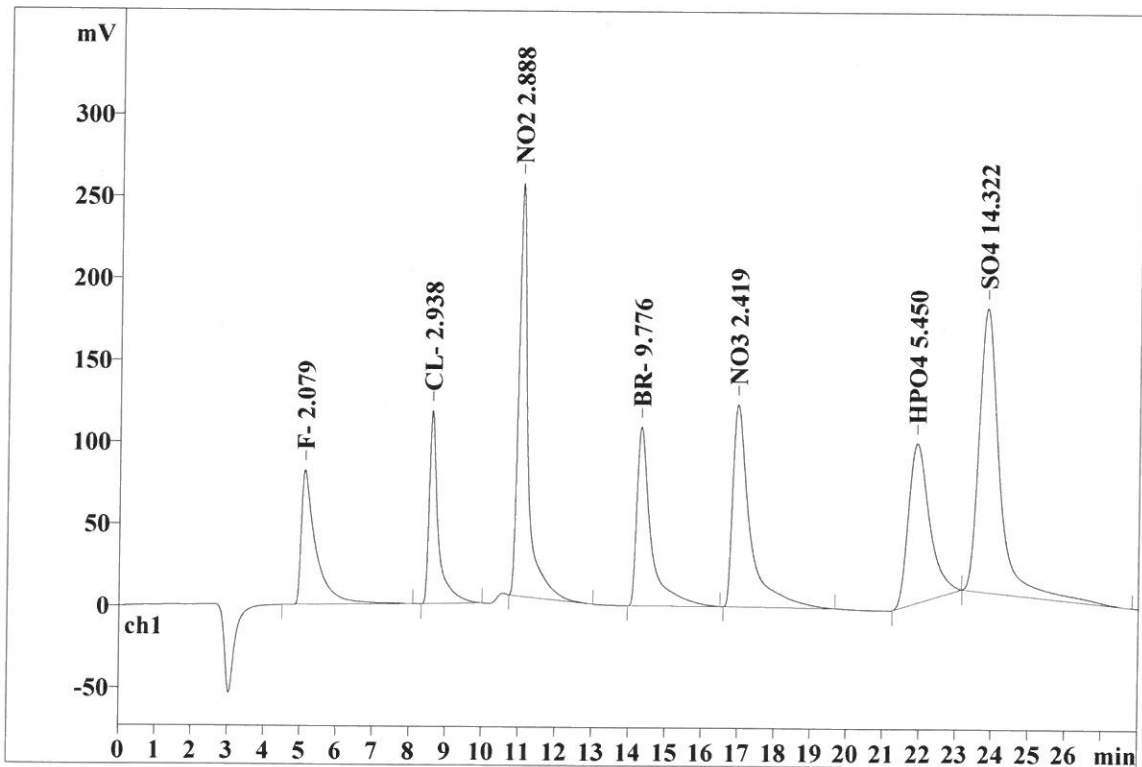
Ident: ICV  
Analysis from: 2/5/2019 2:44:19 PM  
File: \_2019-02-05\_

Last save: 2/5/2019 3:12:20 PM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 19968

Last save: 2/5/2019 2:40:5

SAMPLE:  
: AK/AP  
Vial number: 9  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.11             | 0.360          | 82.10        | 8.59        | 2297.634       | 8.58      |
| 2  | 8.60             | 0.214          | 117.85       | 12.34       | 2021.275       | 7.54      |
| 3  | 11.05            | 0.233          | 252.02       | 26.38       | 4567.634       | 17.05     |
| 4  | 14.31            | 0.340          | 109.14       | 11.43       | 2954.981       | 11.03     |
| 5  | 16.96            | 0.421          | 123.40       | 12.92       | 4084.315       | 15.24     |
| 6  | 21.90            | 0.604          | 97.51        | 10.21       | 3941.763       | 14.71     |
| 7  | 23.83            | 0.547          | 173.22       | 18.13       | 6926.392       | 25.85     |
| 7  | 28.00            | 0.388          | 955.25       | 100.00      | 26793.995      | 100.00    |

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Report date: 2/6/2019 10:16:19 AM  
Printed by: wet

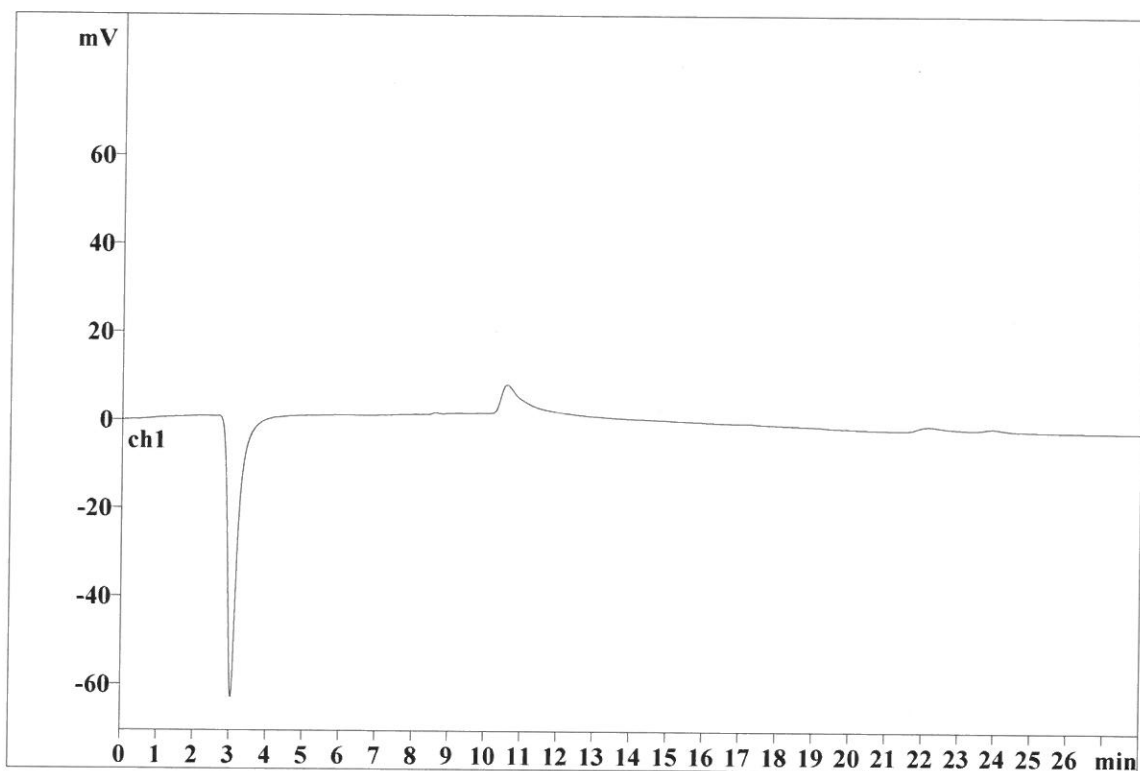
Ident: ICB  
Analysis from: 2/5/2019 3:17:09 PM  
File: \_2019-02-05\_

Last save: 2/5/2019 3:45:09 PM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 19969

Last save: 2/5/2019 2:40:5

SAMPLE:  
: AK/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: 2/13/2019 9:13:07 AM  
Printed by: wet

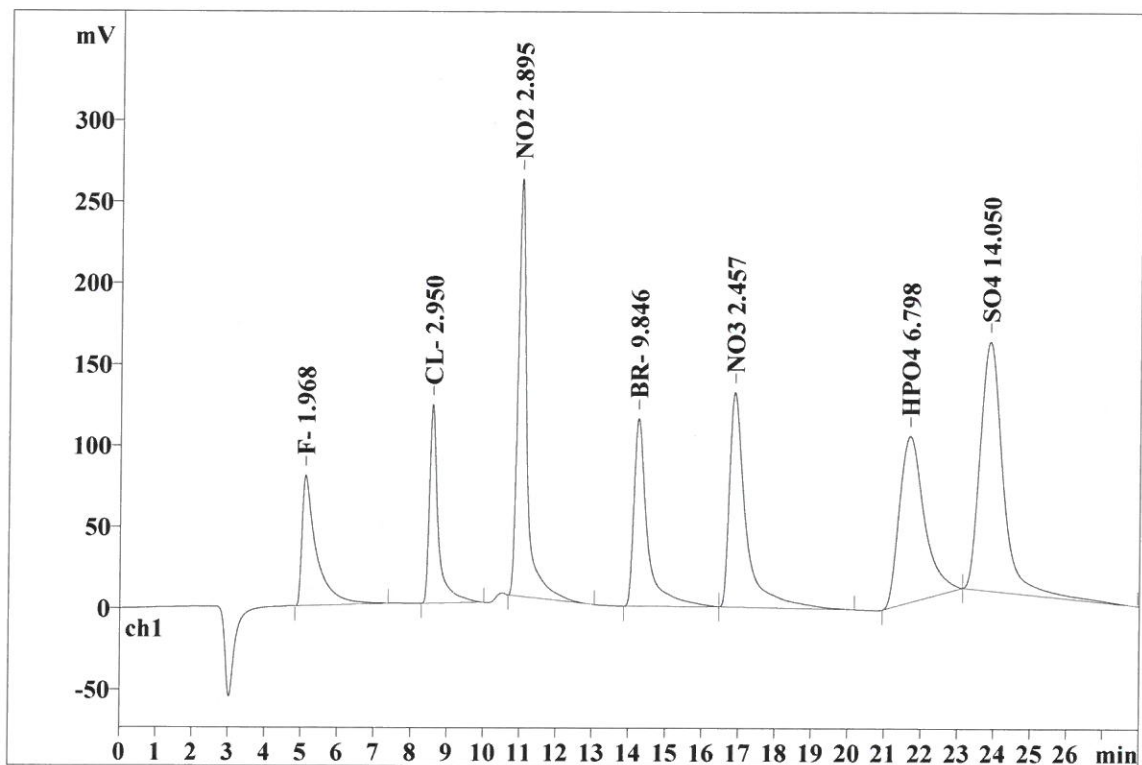
Ident: CCV  
Analysis from: 2/12/2019 9:14:01 AM  
File: \_2019-02-12\_

Last save: 2/12/2019 9:42:01 AM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 20055

Last save: 2/5/2019 2:40:5

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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.11             | 0.343          | 80.17        | 8.34        | 2172.678       | 7.89      |
| 2  | 8.58             | 0.211          | 122.10       | 12.70       | 2029.521       | 7.37      |
| 3  | 11.01            | 0.237          | 256.66       | 26.69       | 4579.281       | 16.63     |
| 4  | 14.24            | 0.330          | 115.38       | 12.00       | 2976.793       | 10.81     |
| 5  | 16.87            | 0.402          | 131.85       | 13.71       | 4150.491       | 15.08     |
| 6  | 21.67            | 0.708          | 102.32       | 10.64       | 4833.610       | 17.56     |
| 7  | 23.87            | 0.640          | 153.17       | 15.93       | 6786.843       | 24.65     |
| 7  | 28.00            | 0.410          | 961.64       | 100.00      | 27529.218      | 100.00    |

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Report date: 2/13/2019 9:13:16 AM  
Printed by: wet

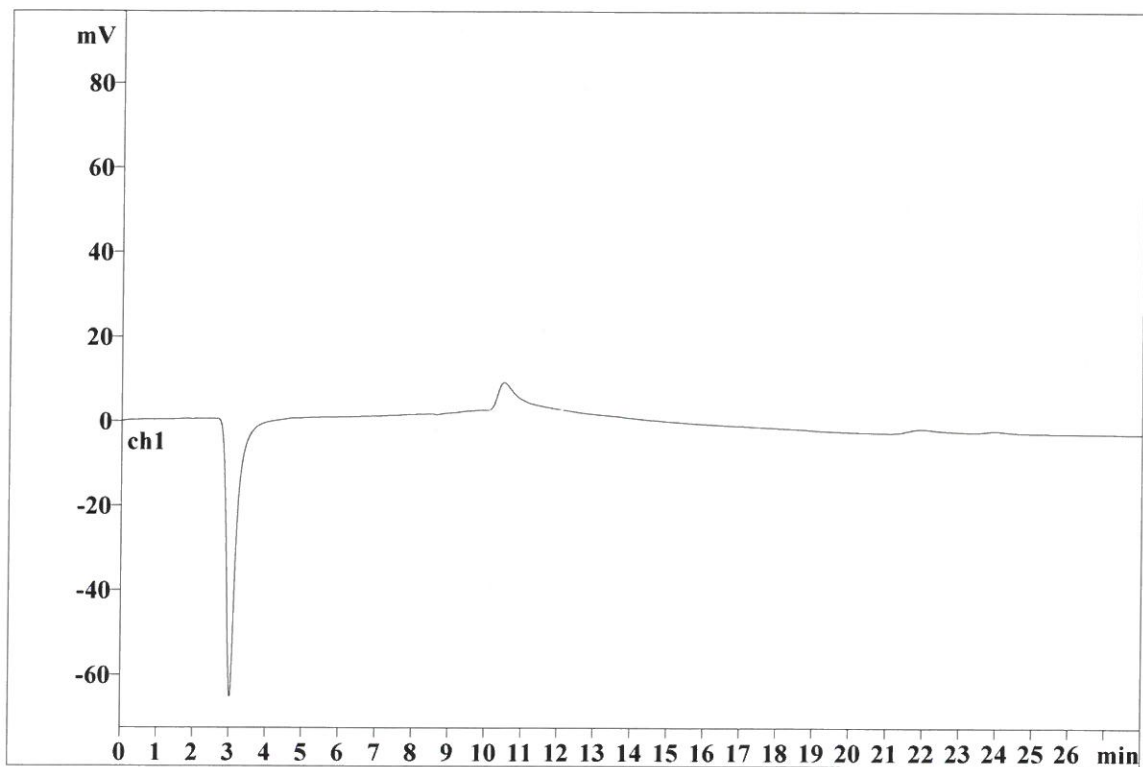
Ident: CCB  
Analysis from: 2/12/2019 9:45:00 AM  
File: \_2019-02-12\_

Last save: 2/12/2019 10:13:00 AM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 20056

Last save: 2/5/2019 2:40:5

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: 2/13/2019 9:13:24 AM  
Printed by: wet

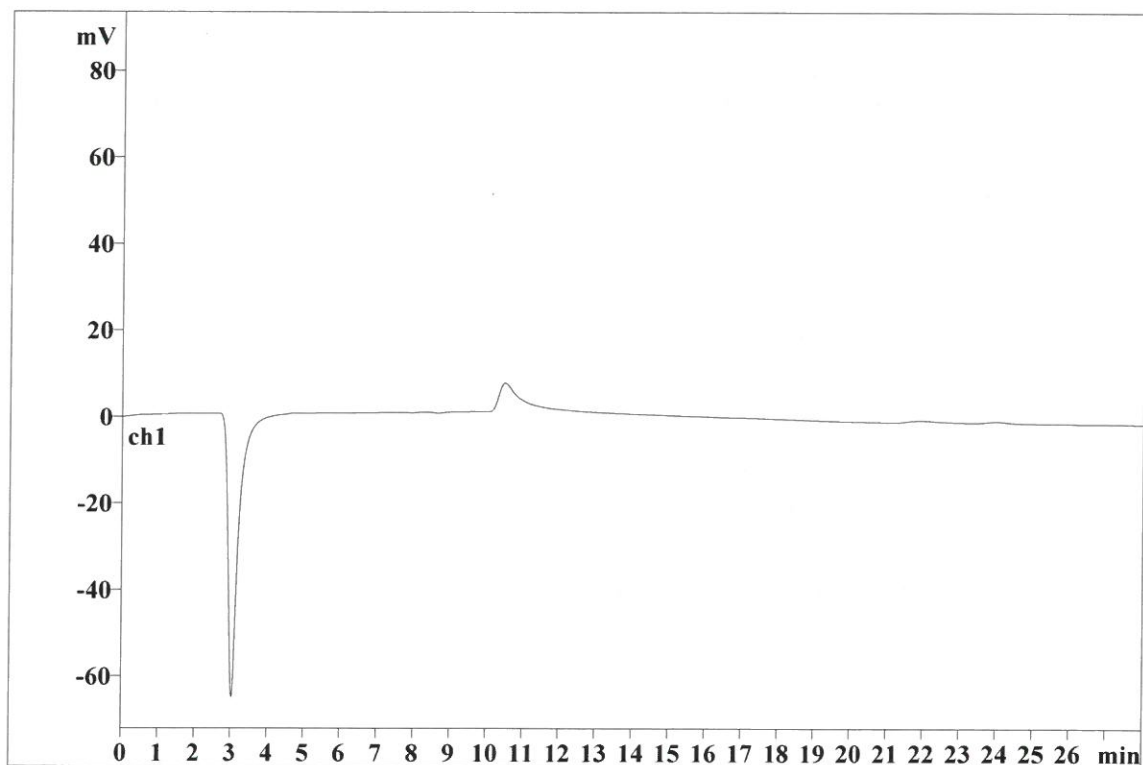
Ident: LB100805BLW  
Analysis from: 2/12/2019 10:15:59 AM  
File: \_2019-02-12\_

Last save: 2/13/2019 9:13:00 AM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 20057

Last save: 2/5/2019 2:40:5

SAMPLE:  
: AK/AP  
Vial number: 4  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net  
METROHM LTD

Report date: 2/13/2019 9:13:33 AM  
Printed by: wet

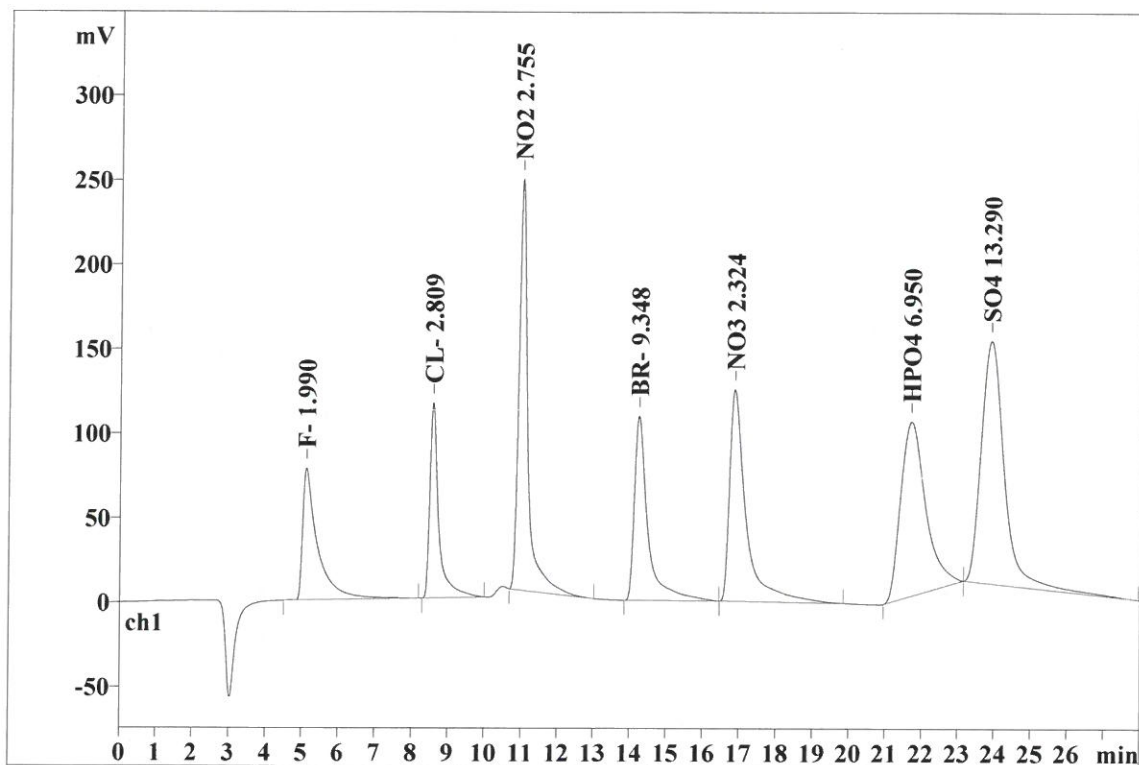
Ident: LB100805BSW  
Analysis from: 2/12/2019 10:46:57 AM  
File: \_2019-02-12\_

Last save: 2/13/2019 9:13:00 AM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 20058

Last save: 2/5/2019 2:40:5

SAMPLE:  
: AK/AP  
Vial number: 5  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.11             | 0.347          | 78.04        | 8.50        | 2197.582       | 8.28      |
| 2  | 8.58             | 0.212          | 115.60       | 12.59       | 1929.694       | 7.27      |
| 3  | 11.01            | 0.237          | 243.25       | 26.49       | 4341.737       | 16.36     |
| 4  | 14.23            | 0.330          | 109.13       | 11.89       | 2820.843       | 10.63     |
| 5  | 16.86            | 0.401          | 125.19       | 13.63       | 3916.714       | 14.76     |
| 6  | 21.69            | 0.717          | 103.29       | 11.25       | 4934.158       | 18.59     |
| 7  | 23.90            | 0.647          | 143.65       | 15.64       | 6397.103       | 24.11     |
| 7  | 28.00            | 0.413          | 918.15       | 100.00      | 26537.830      | 100.00    |

This report has been created by IC Net  
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Report date: 2/13/2019 9:13:43 AM  
Printed by: wet

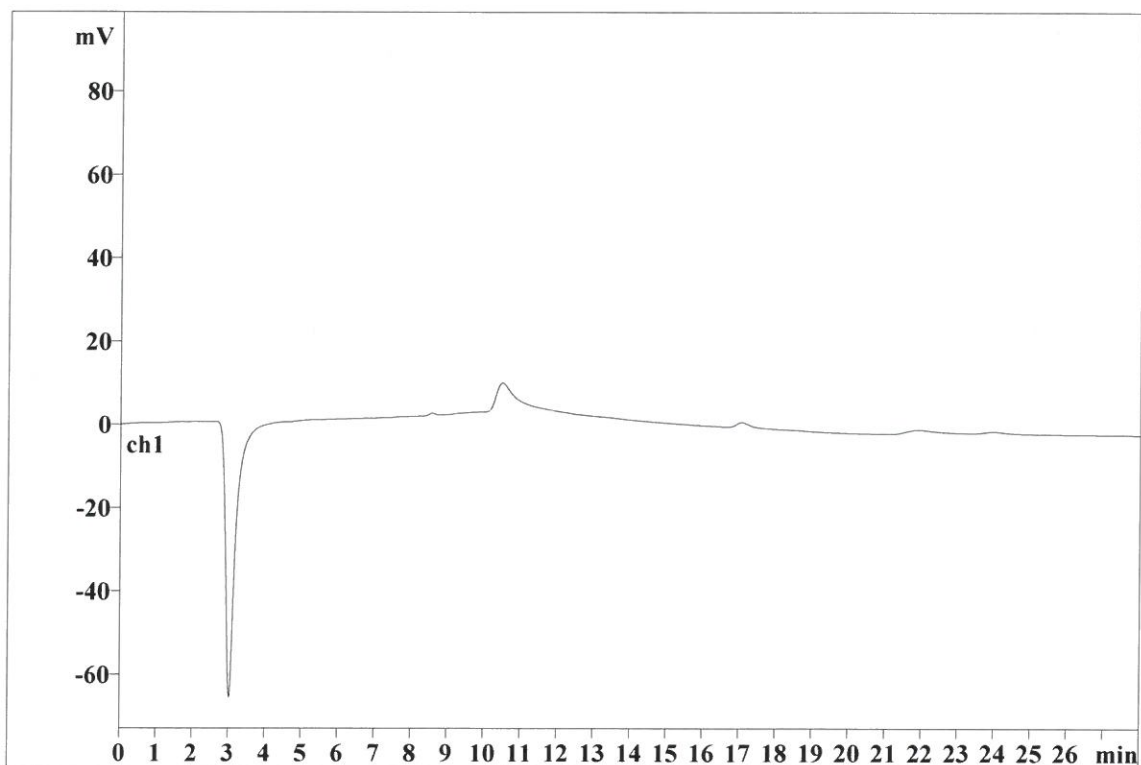
Ident: K1467-01  
Analysis from: 2/12/2019 11:21:17 AM  
File: \_2019-02-12\_

Last save: 2/12/2019 11:49:17 AM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 20059

Last save: 2/5/2019 2:40:5

SAMPLE:  
: AK/AP  
Vial number: 6  
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: 2/13/2019 9:13:50 AM  
Printed by: wet

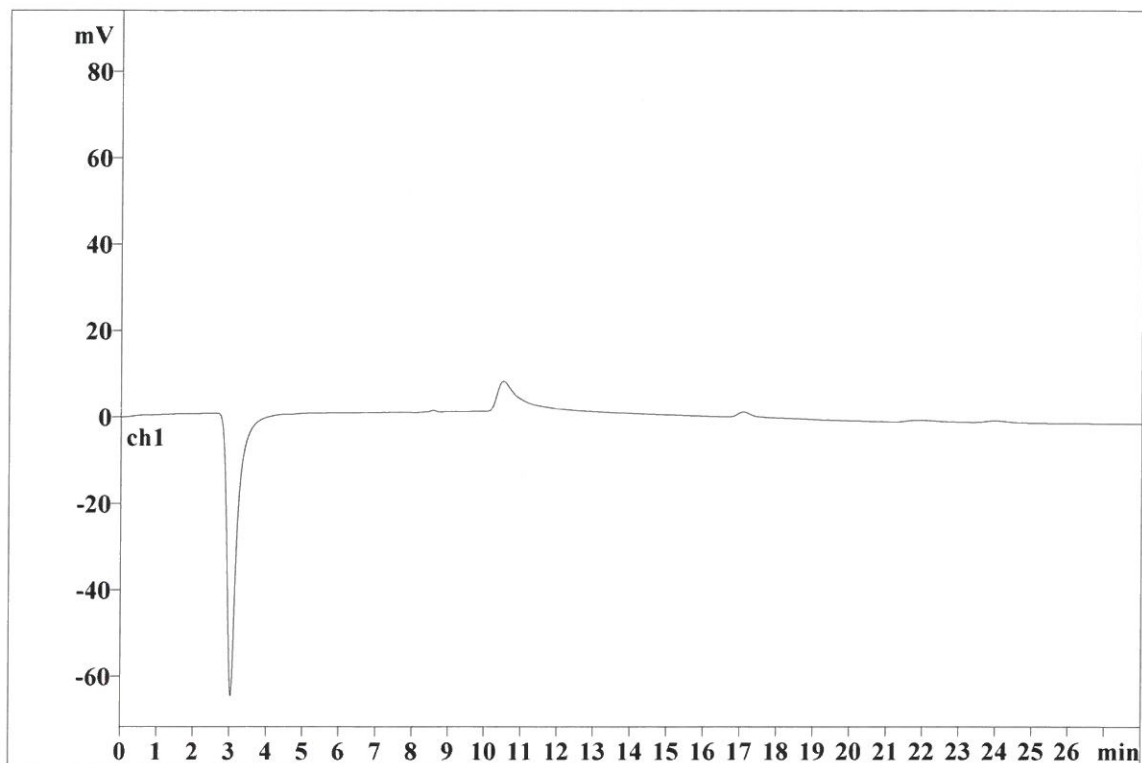
Ident: K1467-01DUP  
Analysis from: 2/12/2019 11:52:14 AM  
File: \_2019-02-12\_

Last save: 2/12/2019 12:20:15 PM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 20060

Last save: 2/5/2019 2:40:5

SAMPLE:  
: AK/AP  
Vial number: 7  
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: 2/13/2019 9:13:58 AM  
Printed by: wet

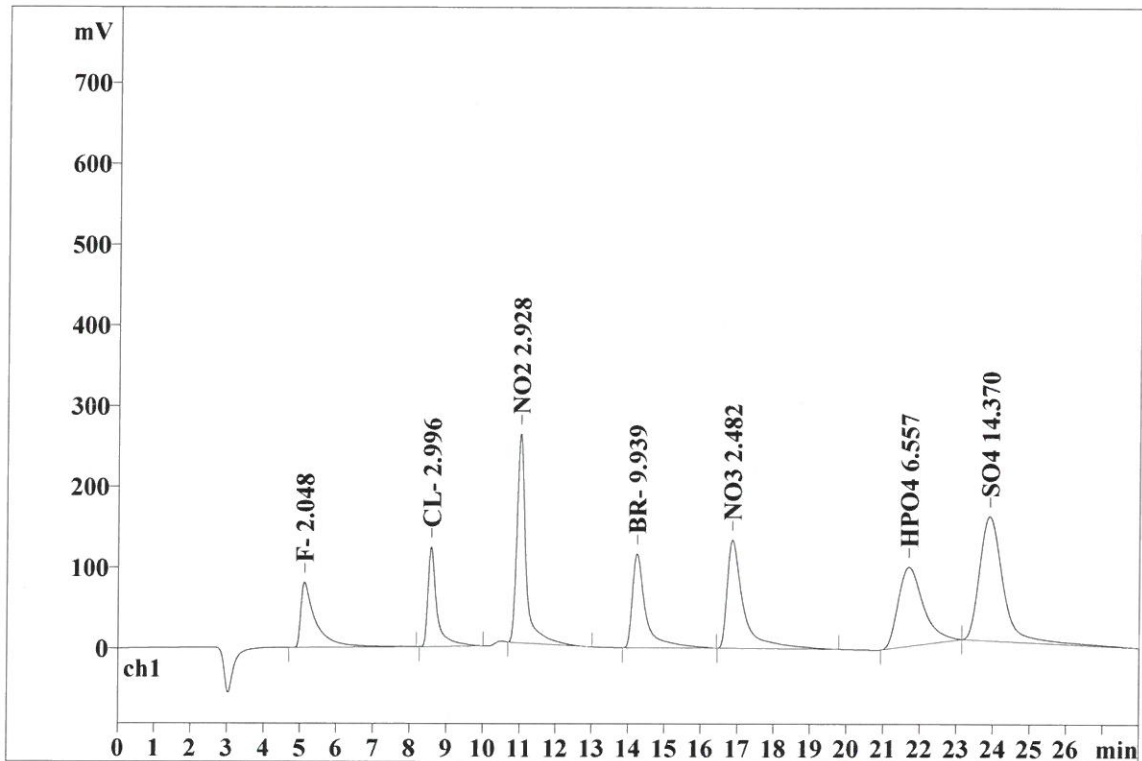
Ident: K1467-01MS  
Analysis from: 2/12/2019 12:23:13 PM  
File: \_2019-02-12\_

Last save: 2/12/2019 12:51:13 PM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 20061

Last save: 2/5/2019 2:40:5

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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.11             | 0.346          | 80.64        | 8.36        | 2262.186       | 8.14      |
| 2  | 8.58             | 0.213          | 123.09       | 12.76       | 2062.696       | 7.42      |
| 3  | 11.01            | 0.237          | 258.87       | 26.84       | 4634.088       | 16.68     |
| 4  | 14.23            | 0.331          | 116.22       | 12.05       | 3005.905       | 10.82     |
| 5  | 16.85            | 0.403          | 133.86       | 13.88       | 4195.462       | 15.10     |
| 6  | 21.69            | 0.717          | 98.01        | 10.16       | 4674.198       | 16.82     |
| 7  | 23.90            | 0.651          | 153.85       | 15.95       | 6950.786       | 25.02     |
| 7  | 28.00            | 0.414          | 964.54       | 100.00      | 27785.321      | 100.00    |

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Report date: 2/13/2019 9:14:07 AM  
Printed by: wet

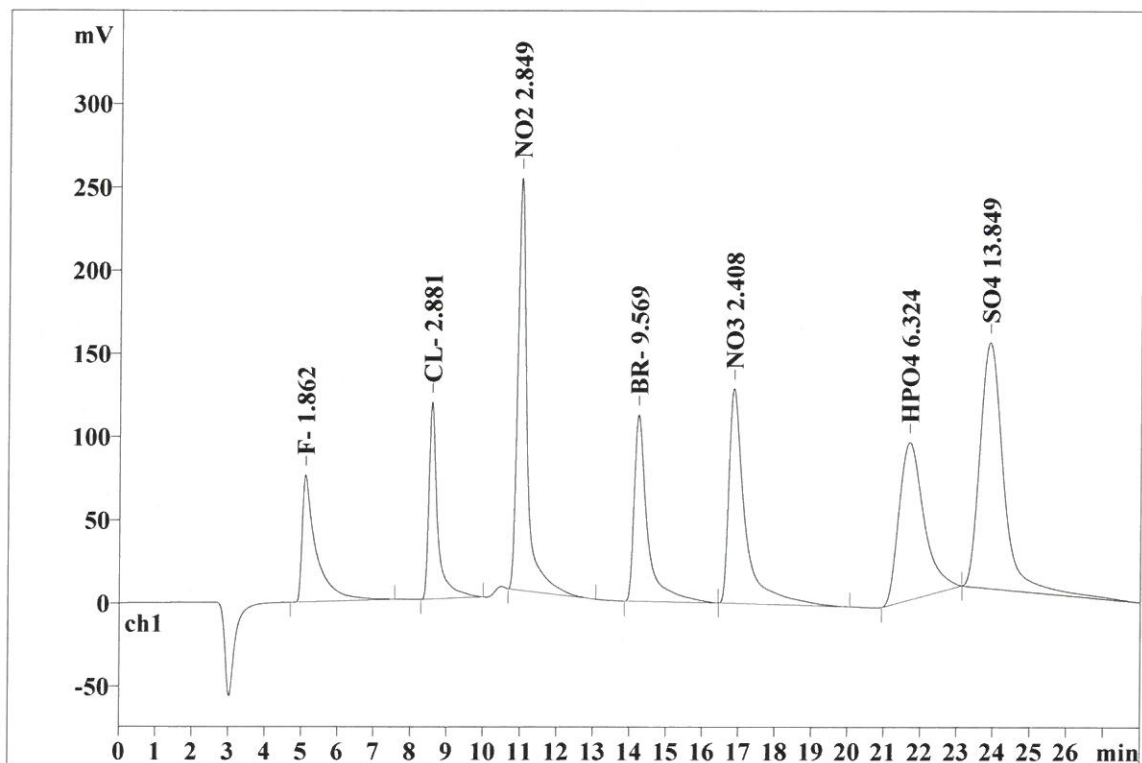
Ident: K1467-01MSD  
Analysis from: 2/12/2019 12:54:11 PM  
File: \_2019-02-12\_

Last save: 2/12/2019 1:22:11 PM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 20062

Last save: 2/5/2019 2:40:5

SAMPLE:  
: AK/AP  
Vial number: 9  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.10             | 0.328          | 76.10        | 8.22        | 2053.409       | 7.69      |
| 2  | 8.58             | 0.213          | 118.23       | 12.77       | 1980.639       | 7.42      |
| 3  | 11.01            | 0.240          | 247.79       | 26.77       | 4499.915       | 16.86     |
| 4  | 14.23            | 0.330          | 112.11       | 12.11       | 2889.994       | 10.83     |
| 5  | 16.85            | 0.402          | 129.12       | 13.95       | 4064.238       | 15.23     |
| 6  | 21.69            | 0.718          | 94.54        | 10.21       | 4520.290       | 16.93     |
| 7  | 23.90            | 0.653          | 147.64       | 15.95       | 6684.092       | 25.04     |
| 7  | 28.00            | 0.412          | 925.52       | 100.00      | 26692.578      | 100.00    |

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Report date: 2/13/2019 9:14:15 AM  
Printed by: wet

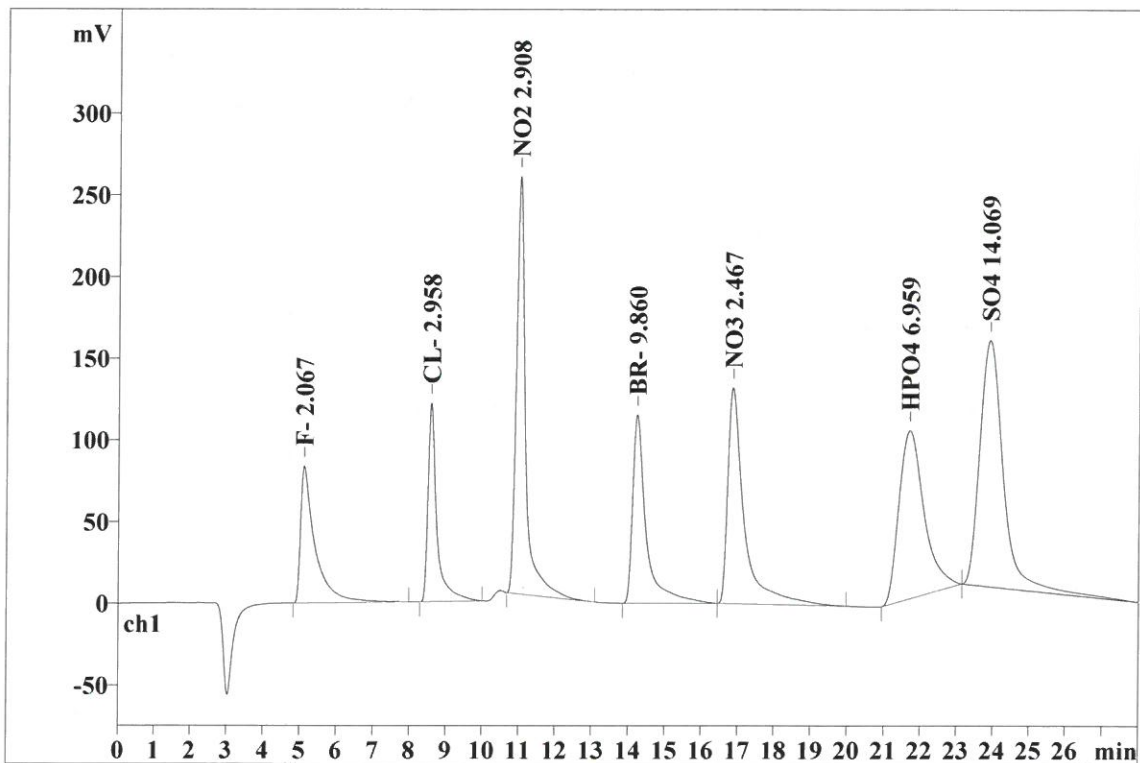
Ident: CCV  
Analysis from: 2/12/2019 1:25:15 PM  
File: \_2019-02-12\_

Last save: 2/12/2019 1:53:15 PM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 20063

Last save: 2/5/2019 2:40:5

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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.11             | 0.342          | 83.73        | 8.70        | 2284.333       | 8.22      |
| 2  | 8.59             | 0.213          | 121.57       | 12.64       | 2035.155       | 7.32      |
| 3  | 11.02            | 0.239          | 255.57       | 26.57       | 4601.634       | 16.55     |
| 4  | 14.23            | 0.331          | 115.28       | 11.98       | 2981.169       | 10.72     |
| 5  | 16.86            | 0.403          | 132.09       | 13.73       | 4167.841       | 14.99     |
| 6  | 21.70            | 0.721          | 103.00       | 10.71       | 4940.109       | 17.77     |
| 7  | 23.91            | 0.653          | 150.68       | 15.66       | 6796.505       | 24.44     |
| 7  | 28.00            | 0.414          | 961.91       | 100.00      | 27806.746      | 100.00    |

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Report date: 2/13/2019 9:14:25 AM  
Printed by: wet

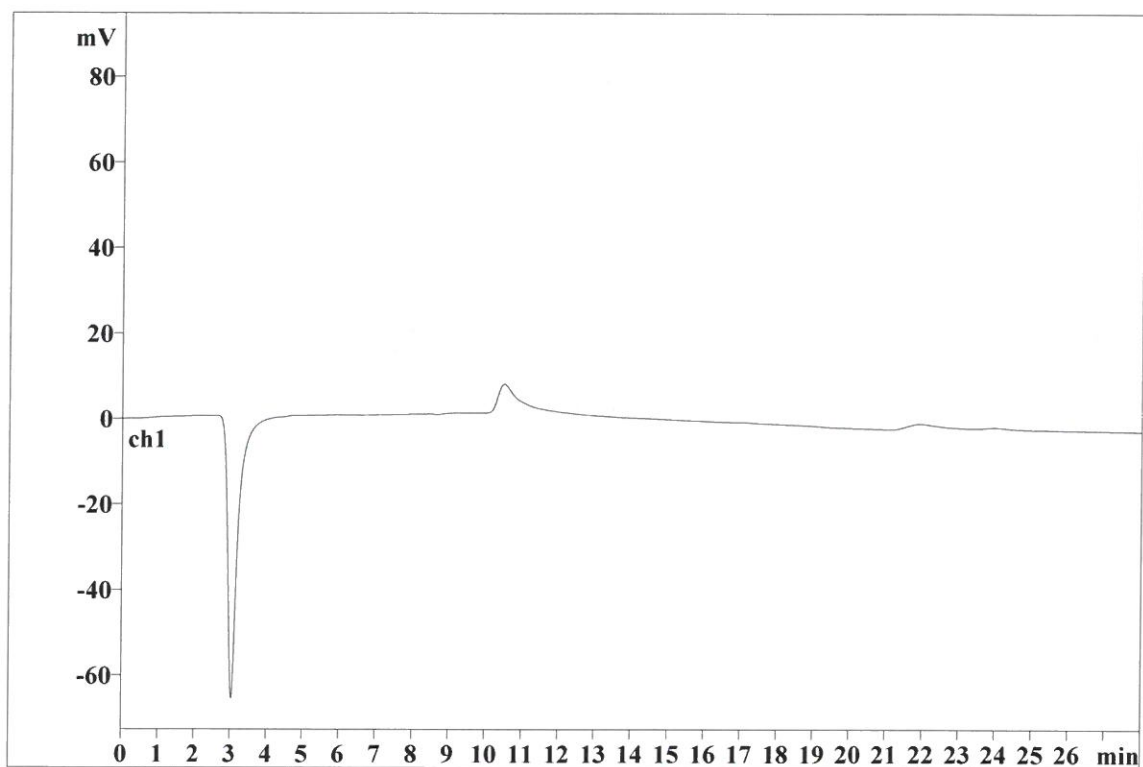
Ident: CCB  
Analysis from: 2/12/2019 1:56:13 PM  
File: \_2019-02-12\_

Last save: 2/12/2019 2:24:14 PM

Method: AnionsIC2-020519.mtw  
Run operator: wet  
Analysis number: 20064

Last save: 2/5/2019 2:40:5

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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