

JC-2 300.0

01-24-18 AK

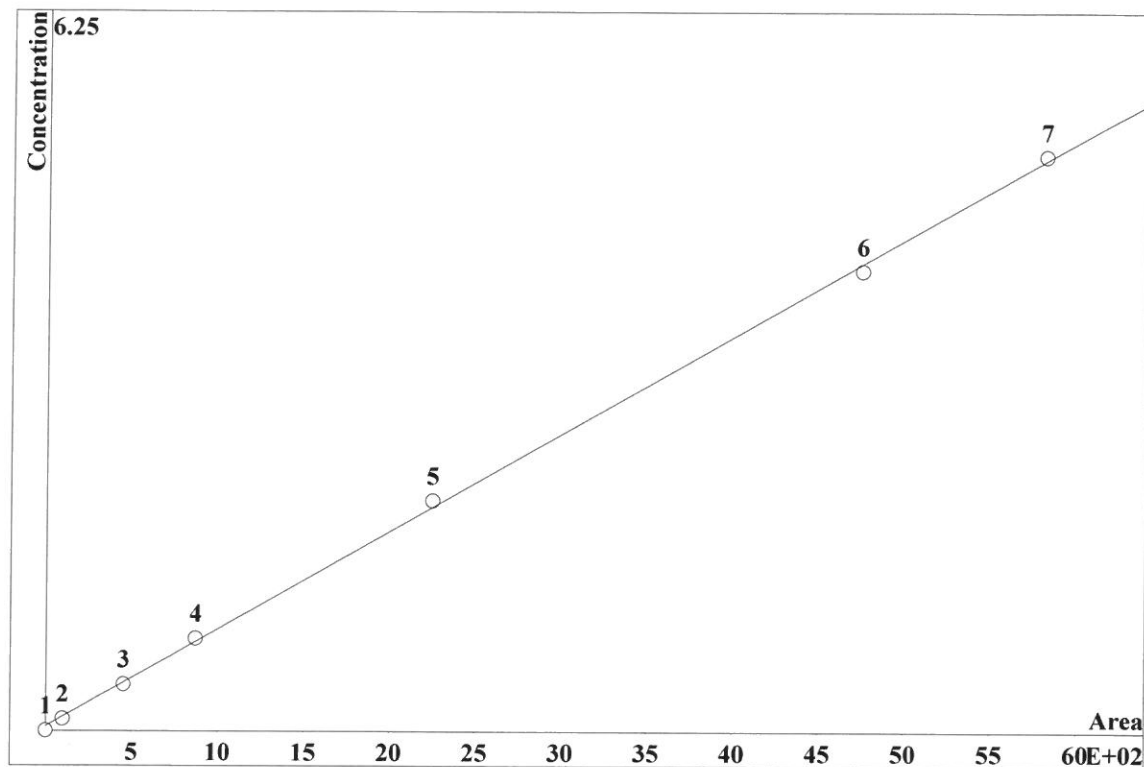
Clear table

| 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                | 2018-01-02_ | 1/2/18 10:46  |
| STD2        | 0.1310               | 0.2530                | 0.2650                | 0.8140                | 0.2080                | -0.1340                | 1.4380                | 2018-01-02_ | 1/2/18 11:17  |
| STD3        | 0.4360               | 0.6560                | 0.6420                | 2.1320                | 0.5350                | 1.0770                 | 3.3810                | 2018-01-02_ | 1/2/18 11:48  |
| STD4        | 0.8050               | 1.1870                | 1.1720                | 3.9320                | 0.9820                | 2.2190                 | 6.0660                | 2018-01-02_ | 1/2/18 12:19  |
| STD5        | 2.0490               | 2.8810                | 2.8700                | 9.6070                | 2.3970                | 5.1650                 | 14.9570               | 2018-01-02_ | 1/2/18 12:50  |
| STD6        | 4.1480               | 5.8750                | 5.8830                | 19.5920               | 4.9050                | 9.7990                 | 30.6240               | 2018-01-02_ | 1/2/18 13:21  |
| STD7        | 4.9680               | 7.6070                | 7.6160                | 25.3350               | 6.3360                | 12.4990                | 38.1440               | 2018-01-02_ | 1/2/18 13:52  |
| ICV         | 2.0540               | 2.9040                | 2.8860                | 9.7120                | 2.4240                | 5.2950                 | 14.0520               | 2018-01-02_ | 1/2/18 16:30  |
| ICB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2018-01-02_ | 1/2/18 17:01  |
| CCV         | 1.8790               | 2.7650                | 2.7620                | 9.2240                | 2.2970                | 4.6410                 | 13.6590               | 2018-01-23_ | 1/23/18 10:46 |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2018-01-23_ | 1/23/18 11:26 |
| LB92783BLW  | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2018-01-23_ | 1/23/18 11:57 |
| LB92783BSW  | 1.8840               | 2.7730                | 2.7750                | 9.2480                | 2.3190                | 4.8120                 | 13.7170               | 2018-01-23_ | 1/23/18 12:28 |
| J1252-01    | 0.0000               | 1.2340                | 0.1190                | 0.0000                | 0.1880                | 0.0000                 | 2.4240                | 2018-01-23_ | 1/23/18 13:18 |
| J1252-01DUP | 0.0000               | 1.2240                | 0.1200                | 0.0000                | 0.1880                | 0.0000                 | 2.4290                | 2018-01-23_ | 1/23/18 13:49 |
| J1252-01MS  | 2.0820               | 4.0280                | 2.9110                | 9.7010                | 2.5330                | 6.0150                 | 16.9270               | 2018-01-23_ | 1/23/18 14:20 |
| CCV         | 1.8190               | 2.7580                | 2.7500                | 9.2010                | 2.2990                | 5.2520                 | 13.5980               | 2018-01-23_ | 1/23/18 14:51 |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2018-01-23_ | 1/23/18 15:22 |

# CALIBRATION OF COMPONENT F-

IC-2 Cal  
01-02-2018

Method: AnionsIC2-010218.mtw  
Equation:  $Q = 0.0169563 \cdot A + 0.764388$   
RSD: 2.438 %  
Correlation coefficient: 0.999757

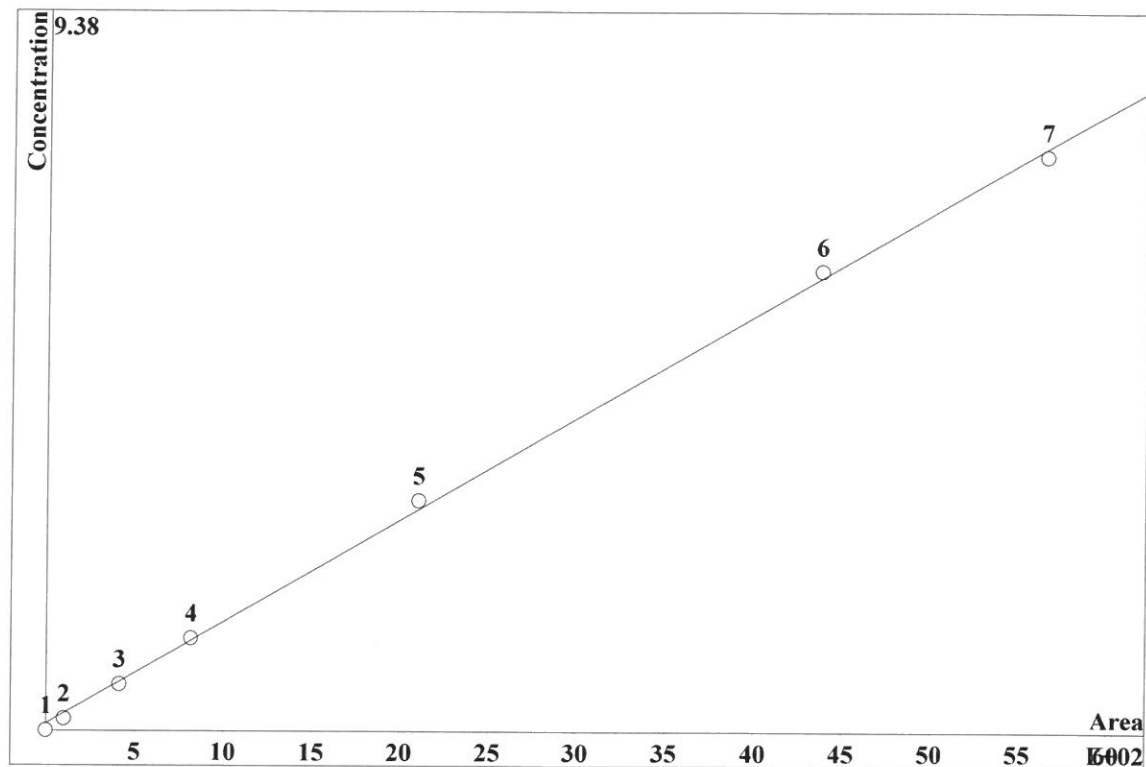


K3 = 0      K2 = 0      K1 = 0.0169563      K0 = 0.764388  
Base: Area  
Ref.channel: ch1  
ISTD:  
Formula: Linear  
Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 10.3   | 100   | 0.1   | 20      | 5.245     |      |      |
| 3     | 48.2   | 450.9 | 0.4   | 20      | 5.245     |      |      |
| 4     | 94.64  | 870.3 | 0.8   | 20      | 5.245     |      |      |
| 5     | 249.7  | 2250  | 2     | 20      | 5.245     |      |      |
| 6     | 541    | 4752  | 4     | 20      | 5.245     |      |      |
| 7     | 650.8  | 5815  | 5     | 20      | 5.245     |      |      |

CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-010218.mtw  
 Equation:  $Q = 0.0266108 \cdot A + 1.77689$   
 RSD: 3.221 %  
 Correlation coefficient: 0.999577

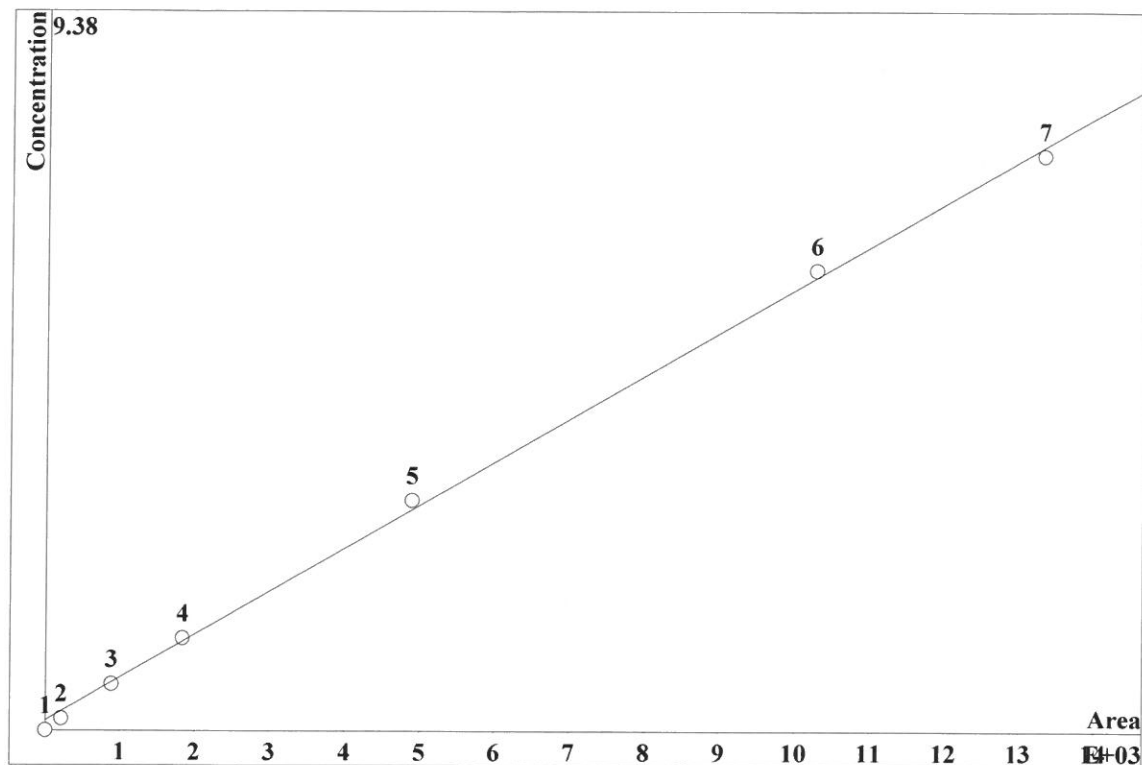


K3 = 0      K2 = 0      K1 = 0.0266108      K0 = 1.77689  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 8.308  | 103.9 | 0.15  | 20      | 9.083     |      |      |
| 3     | 33.86  | 413.4 | 0.6   | 20      | 9.083     |      |      |
| 4     | 67.31  | 815.7 | 1.2   | 20      | 9.083     |      |      |
| 5     | 177.1  | 2103  | 3     | 20      | 9.083     |      |      |
| 6     | 374.8  | 4380  | 6     | 20      | 9.083     |      |      |
| 7     | 485.1  | 5650  | 7.5   | 20      | 9.083     |      |      |

CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-010218.mtw  
 Equation:  $Q = 0.0112428 \cdot A + 2.61635$   
 RSD: 3.600 %  
 Correlation coefficient: 0.999471

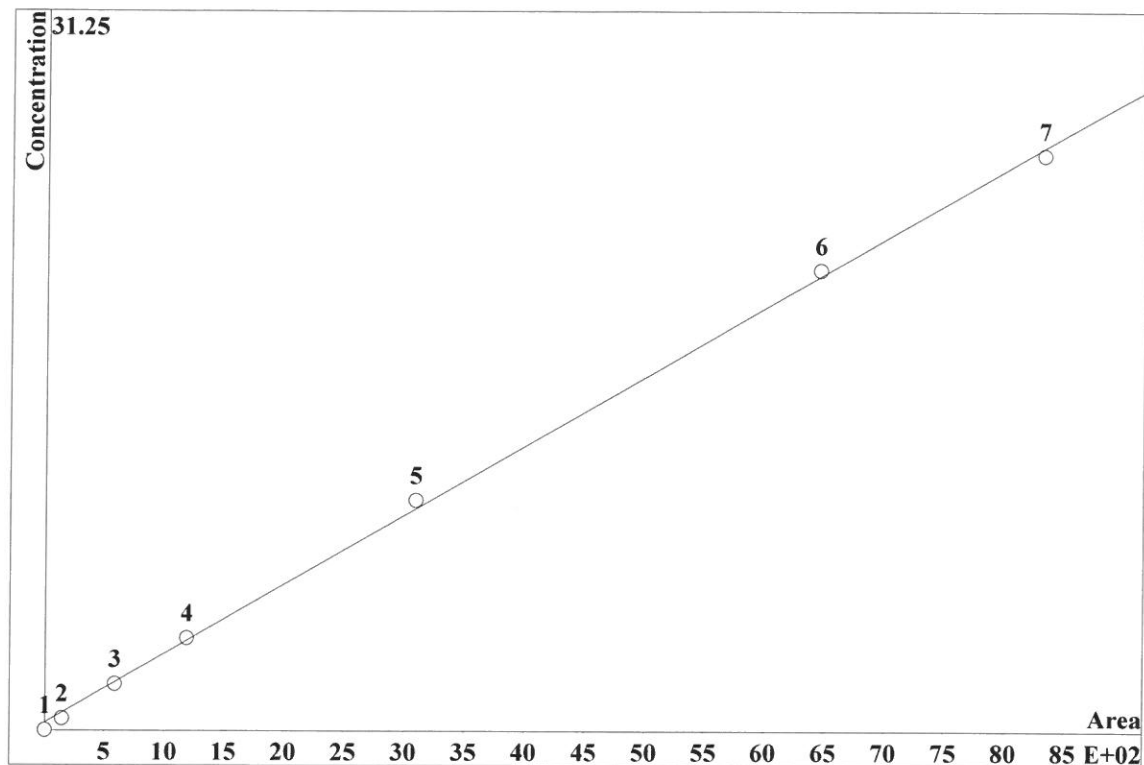


K3 = 0      K2 = 0      K1 = 0.0112428      K0 = 2.61635  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area      | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-----------|-------|---------|-----------|------|------|
| 1     | 0      | 0         | 0     | 0       | 0         |      | 0    |
| 2     | 15.47  | 217.2     | 0.15  | 20      | 11.73     |      |      |
| 3     | 64.47  | 888.8     | 0.6   | 20      | 11.73     |      |      |
| 4     | 134.3  | 1834      | 1.2   | 20      | 11.73     |      |      |
| 5     | 358.2  | 4890      | 3     | 20      | 11.73     |      |      |
| 6     | 754.6  | 1.028e+04 | 6     | 20      | 11.73     |      |      |
| 7     | 963.7  | 1.331e+04 | 7.5   | 20      | 11.73     |      |      |

CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-010218.mtw  
 Equation:  $Q = 0.0600866 \cdot A + 6.72765$   
 RSD: 3.088 %  
 Correlation coefficient: 0.999611

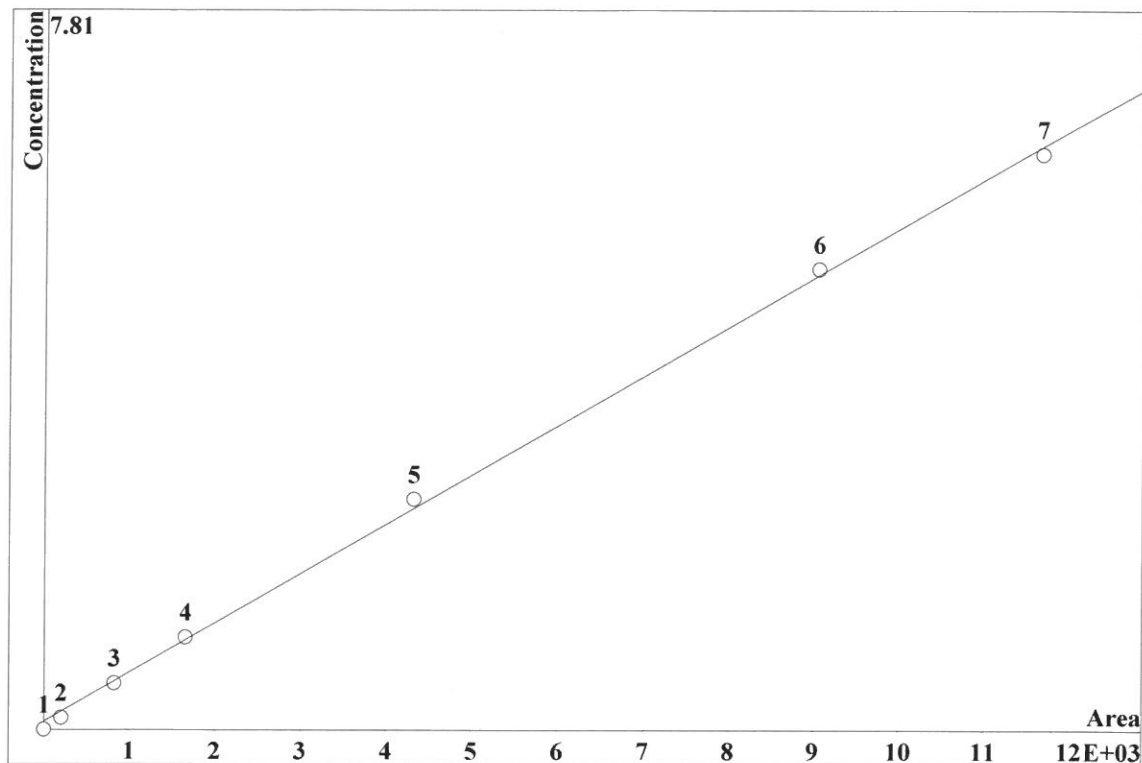


K3 = 0      K2 = 0      K1 = 0.0600866      K0 = 6.72765  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 7.411  | 145.3 | 0.5   | 20      | 15.3      |      |      |
| 3     | 30.56  | 587.7 | 2     | 20      | 15.3      |      |      |
| 4     | 62.64  | 1188  | 4     | 20      | 15.3      |      |      |
| 5     | 165.6  | 3097  | 10    | 20      | 15.3      |      |      |
| 6     | 345.2  | 6460  | 20    | 20      | 15.3      |      |      |
| 7     | 445.3  | 8321  | 25    | 20      | 15.3      |      |      |

CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-010218.mtw  
 Equation:  $Q = 0.0107058 \cdot A + 1.77212$   
 RSD: 3.244 %  
 Correlation coefficient: 0.999570

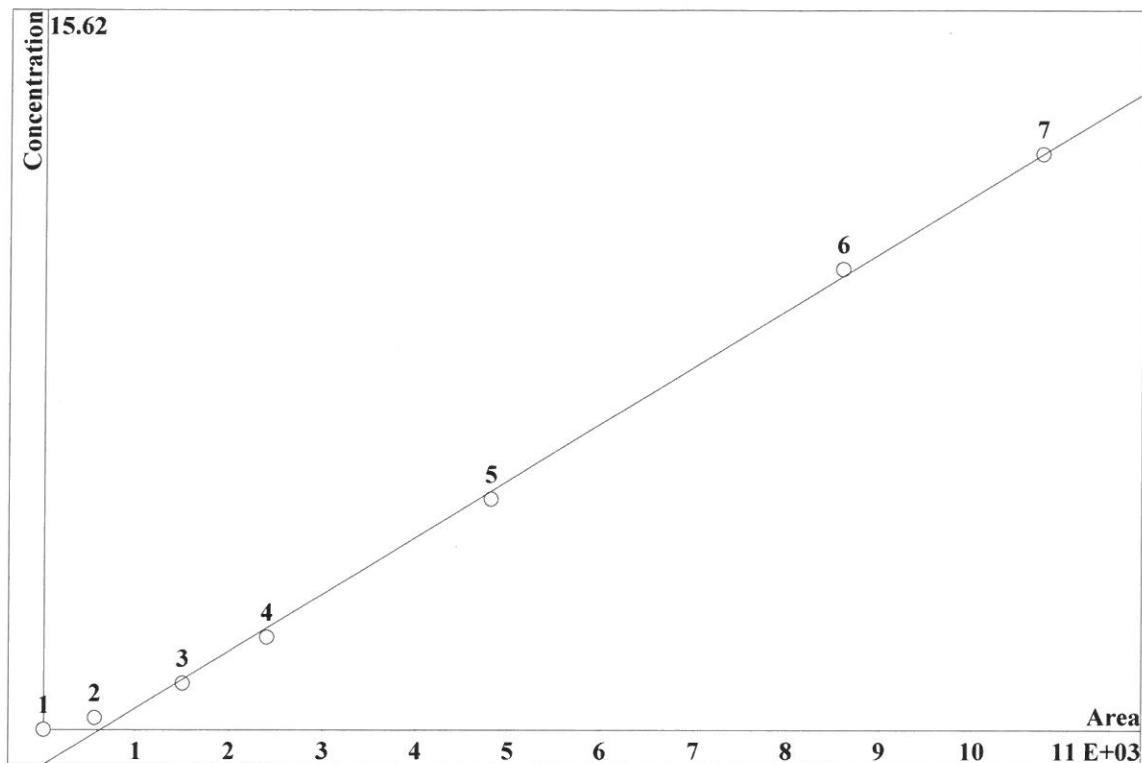


K3 = 0      K2 = 0      K1 = 0.0107058      K0 = 1.77212  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area      | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-----------|-------|---------|-----------|------|------|
| 1     | 0      | 0         | 0     | 0       | 0         |      | 0    |
| 2     | 8.969  | 205       | 0.125 | 20      | 18.22     |      |      |
| 3     | 36.19  | 819.5     | 0.5   | 20      | 18.22     |      |      |
| 4     | 73.09  | 1655      | 1     | 20      | 18.22     |      |      |
| 5     | 188.2  | 4323      | 2.5   | 20      | 18.22     |      |      |
| 6     | 379.4  | 9057      | 5     | 20      | 18.22     |      |      |
| 7     | 482.1  | 1.167e+04 | 6.25  | 20      | 18.22     |      |      |

CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-010218.mtw  
 Equation:  $Q = 0.0246721 \cdot A - 15.1527$   
 RSD: 4.525 %  
 Correlation coefficient: 0.999164

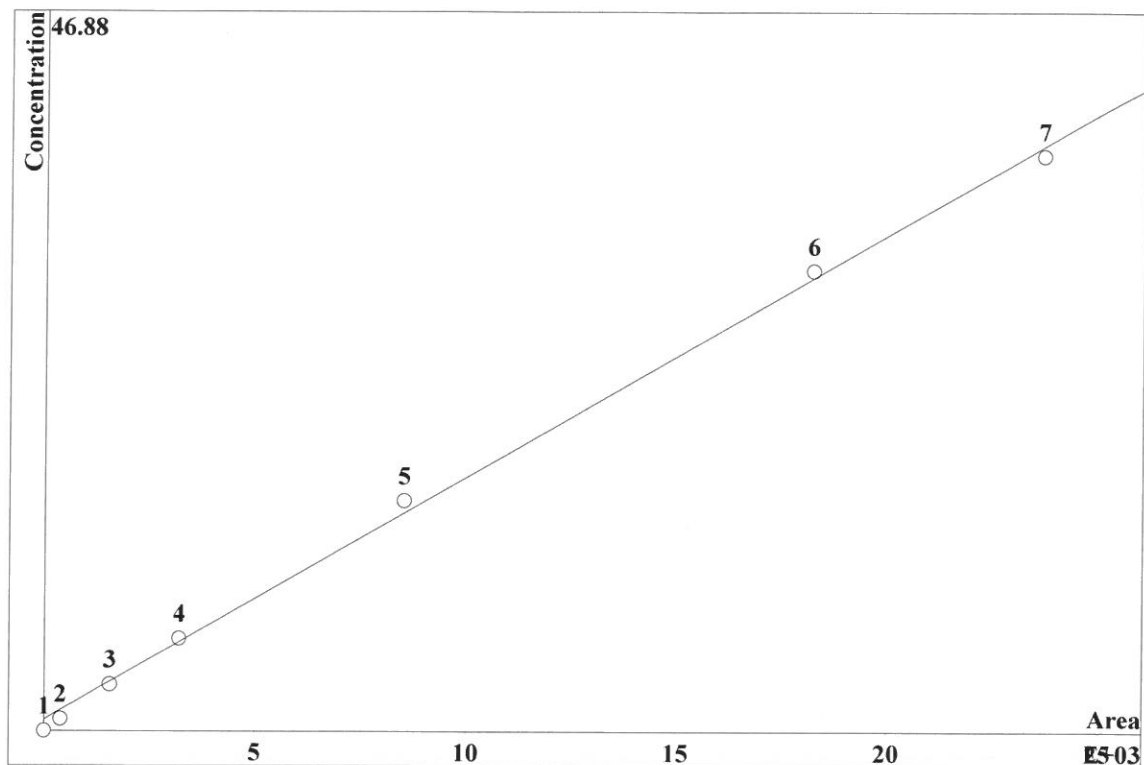


K3 = 0      K2 = 0      K1 = 0.0246721      K0 = -15.1527  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area      | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-----------|-------|---------|-----------|------|------|
| 1     | 0      | 0         | 0     | 0       | 0         |      | 0    |
| 2     | 14.53  | 550.9     | 0.25  | 20      | 24.15     |      |      |
| 3     | 41.17  | 1501      | 1     | 20      | 24.15     |      |      |
| 4     | 68.92  | 2406      | 2     | 20      | 24.15     |      |      |
| 5     | 146    | 4811      | 5     | 20      | 24.15     |      |      |
| 6     | 269    | 8597      | 10    | 20      | 24.15     |      |      |
| 7     | 339.9  | 1.075e+04 | 12.5  | 20      | 24.15     |      |      |

CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-010218.mtw  
 Equation:  $Q = 0.0316206 \cdot A + 14.6615$   
 RSD: 4.254 %  
 Correlation coefficient: 0.999261



K3 = 0      K2 = 0      K1 = 0.0316206      K0 = 14.6615

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     | 13.54  | 393.7     | 0.75  | 20      | 26.71     |      |      |
| 3     | 54.18  | 1570      | 3     | 20      | 26.71     |      |      |
| 4     | 110.8  | 3196      | 6     | 20      | 26.71     |      |      |
| 5     | 297.9  | 8524      | 15    | 20      | 26.71     |      |      |
| 6     | 637.5  | 1.822e+04 | 30    | 20      | 26.71     |      |      |
| 7     | 824.5  | 2.366e+04 | 37.5  | 20      | 26.71     |      |      |

Report date: 1/9/2018 11:23:10 AM  
Printed by: wet

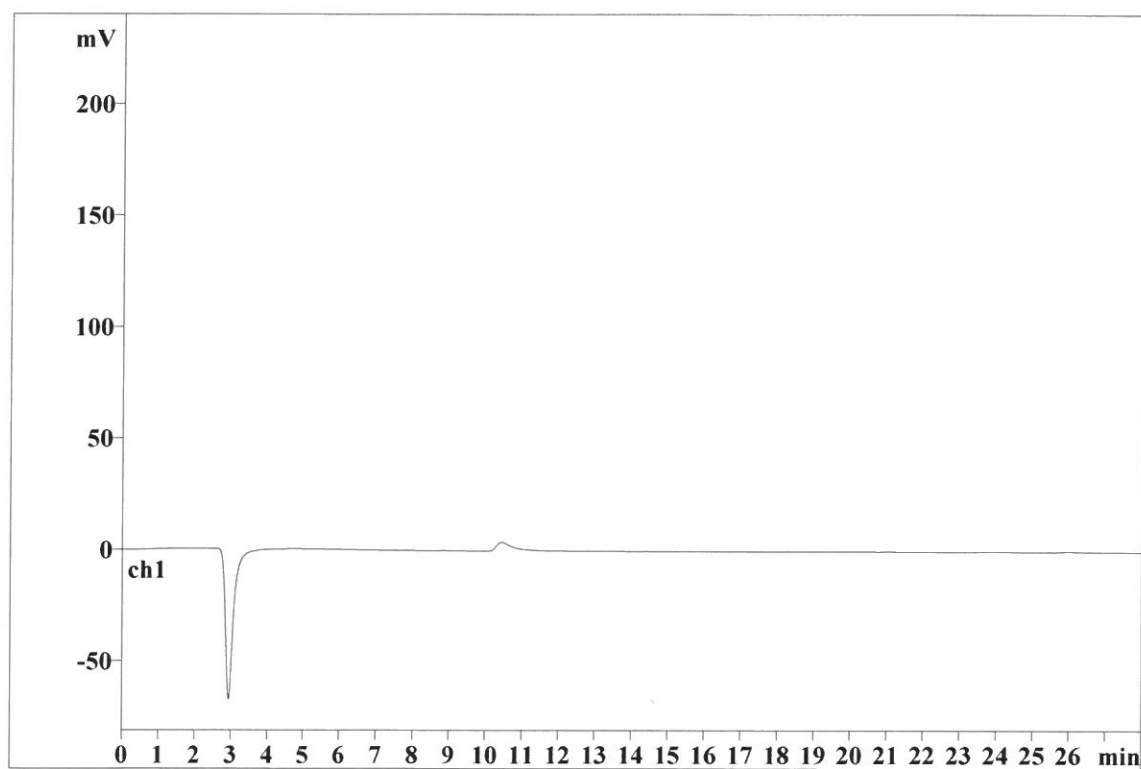
Ident: STD1  
Analysis from: 1/2/2018 10:46:53 AM  
File: \_2018-01-02\_

Last save: 1/2/2018 11:14:53 AM

Method: AnionsIC2-010218.mtw  
Run operator: wet  
Analysis number: 16062

Last save: 1/2/2018 10:37:

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: 1/9/2018 11:23:21 AM  
Printed by: wet

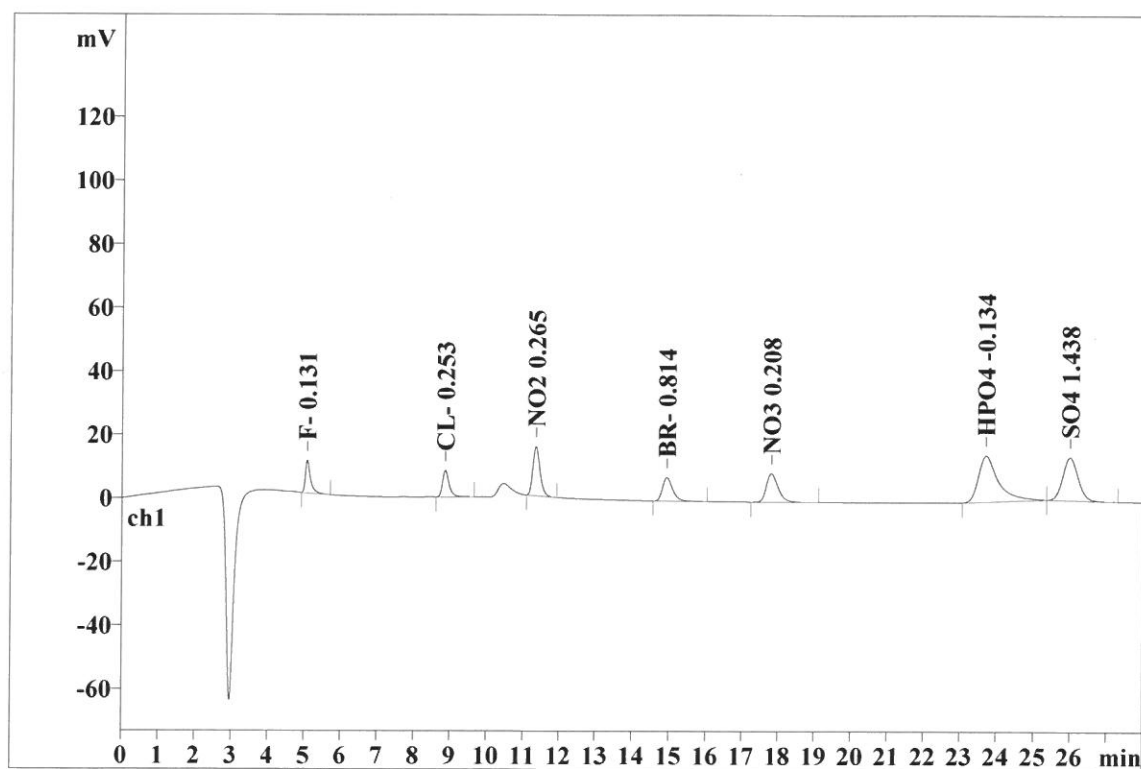
Ident: STD2  
Analysis from: 1/2/2018 11:17:49 AM  
File: \_2018-01-02\_

Last save: 1/2/2018 11:45:49 AM

Method: AnionsIC2-010218.mtw  
Run operator: wet  
Analysis number: 16063

Last save: 1/2/2018 11:14:

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  | 5.07             | 0.133          | 10.30        | 13.12       | 100.035        | 5.83      |
| 2  | 8.86             | 0.182          | 8.31         | 10.58       | 103.927        | 6.06      |
| 3  | 11.34            | 0.214          | 15.47        | 19.70       | 217.172        | 12.66     |
| 4  | 14.93            | 0.294          | 7.41         | 9.44        | 145.328        | 8.47      |
| 5  | 17.80            | 0.345          | 8.97         | 11.42       | 205.012        | 11.95     |
| 6  | 23.71            | 0.524          | 14.53        | 18.50       | 550.919        | 32.10     |
| 7  | 25.99            | 0.449          | 13.54        | 17.24       | 393.668        | 22.94     |
| 7  | 28.00            | 0.306          | 78.53        | 100.00      | 1716.060       | 100.00    |

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Report date: 1/9/2018 11:23:32 AM  
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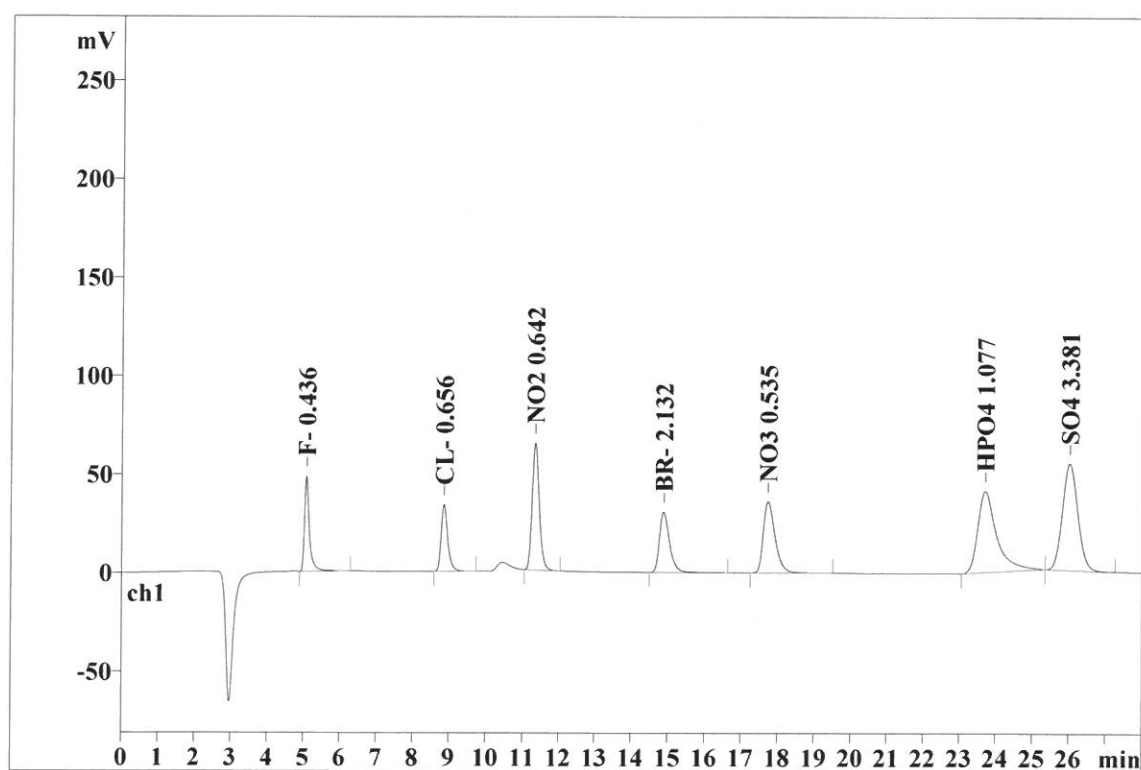
Ident: STD3  
Analysis from: 1/2/2018 11:48:44 AM  
File: \_2018-01-02\_

Last save: 1/2/2018 12:16:45 PM

Method: AnionsIC2-010218.mtw  
Run operator: wet  
Analysis number: 16064

Last save: 1/2/2018 11:45:

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  | 5.07             | 0.126          | 48.20        | 15.62       | 450.875        | 7.24      |
| 2  | 8.86             | 0.179          | 33.86        | 10.97       | 413.357        | 6.63      |
| 3  | 11.34            | 0.209          | 64.47        | 20.89       | 888.800        | 14.26     |
| 4  | 14.88            | 0.287          | 30.56        | 9.90        | 587.691        | 9.43      |
| 5  | 17.73            | 0.341          | 36.19        | 11.73       | 819.514        | 13.15     |
| 6  | 23.70            | 0.506          | 41.17        | 13.34       | 1500.563       | 24.08     |
| 7  | 26.01            | 0.446          | 54.17        | 17.55       | 1570.115       | 25.20     |
| 7  | 28.00            | 0.299          | 308.62       | 100.00      | 6230.916       | 100.00    |

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Report date: 1/9/2018 11:23:43 AM  
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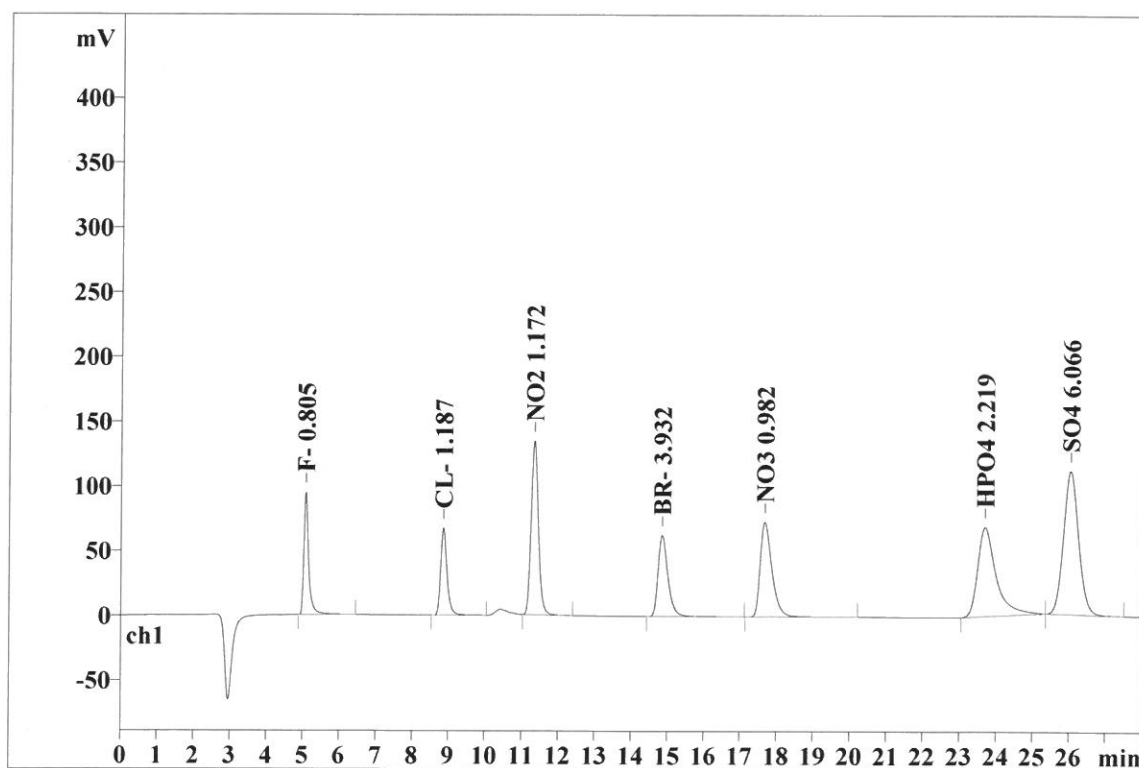
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Analysis from: 1/2/2018 12:19:39 PM  
File: \_2018-01-02\_

Last save: 1/2/2018 12:47:40 PM

Method: AnionsIC2-010218.mtw  
Run operator: wet  
Analysis number: 16065

Last save: 1/2/2018 12:16:

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  | 5.08             | 0.125          | 94.64        | 15.47       | 870.296        | 7.27      |
| 2  | 8.86             | 0.178          | 67.31        | 11.00       | 815.744        | 6.82      |
| 3  | 11.34            | 0.207          | 134.27       | 21.95       | 1834.414       | 15.33     |
| 4  | 14.85            | 0.283          | 62.64        | 10.24       | 1188.385       | 9.93      |
| 5  | 17.67            | 0.340          | 73.09        | 11.95       | 1655.082       | 13.83     |
| 6  | 23.69            | 0.487          | 68.92        | 11.27       | 2405.965       | 20.11     |
| 7  | 26.03            | 0.443          | 110.78       | 18.11       | 3196.099       | 26.71     |
| 7  | 28.00            | 0.295          | 611.66       | 100.00      | 11965.984      | 100.00    |

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Report date: 1/9/2018 11:24:04 AM  
Printed by: wet

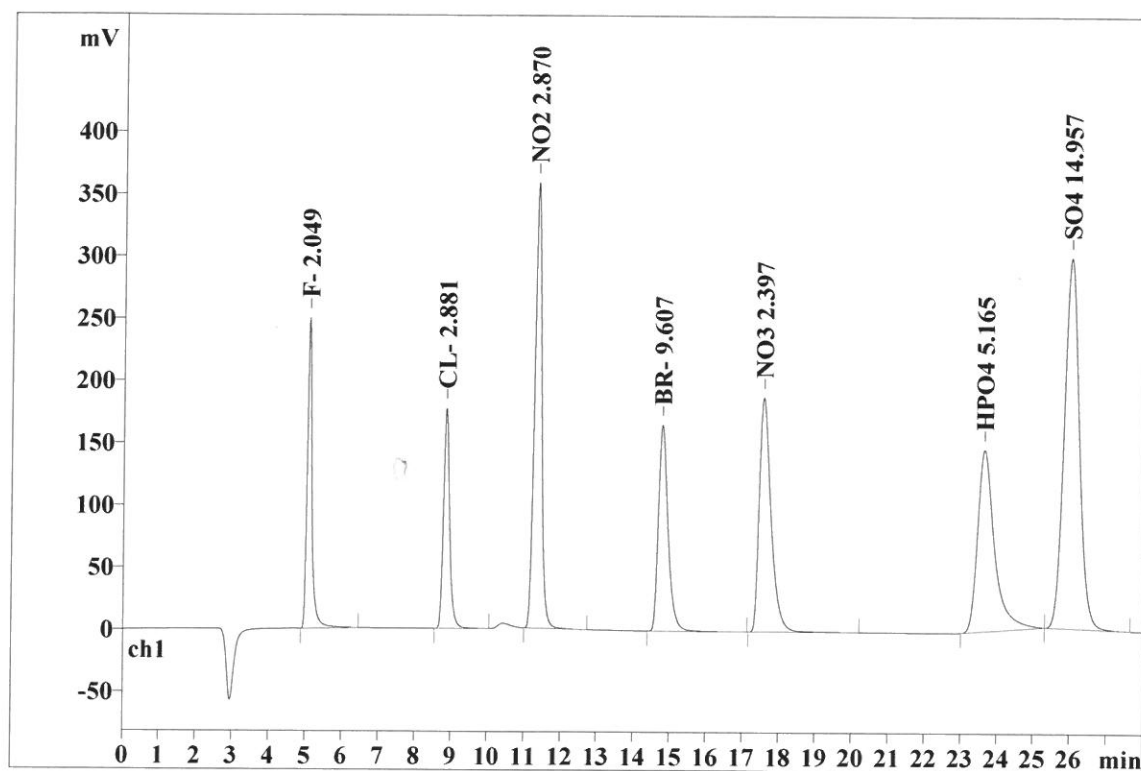
Ident: STD5  
Analysis from: 1/2/2018 12:50:35 PM  
File: \_2018-01-02\_

Last save: 1/2/2018 1:18:35 PM

Method: AnionsIC2-010218.mtw  
Run operator: wet  
Analysis number: 16066

Last save: 1/2/2018 12:47:

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  | 5.08             | 0.124          | 249.70       | 15.78       | 2249.652       | 7.50      |
| 2  | 8.85             | 0.174          | 177.10       | 11.19       | 2103.257       | 7.01      |
| 3  | 11.34            | 0.206          | 358.15       | 22.63       | 4889.508       | 16.30     |
| 4  | 14.78            | 0.279          | 165.56       | 10.46       | 3096.997       | 10.32     |
| 5  | 17.56            | 0.343          | 188.20       | 11.89       | 4322.638       | 14.41     |
| 6  | 23.63            | 0.466          | 146.04       | 9.23        | 4810.993       | 16.04     |
| 7  | 26.00            | 0.437          | 297.90       | 18.82       | 8524.064       | 28.42     |
| 7  | 28.00            | 0.290          | 1582.67      | 100.00      | 29997.110      | 100.00    |

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Report date: 1/9/2018 11:24:15 AM  
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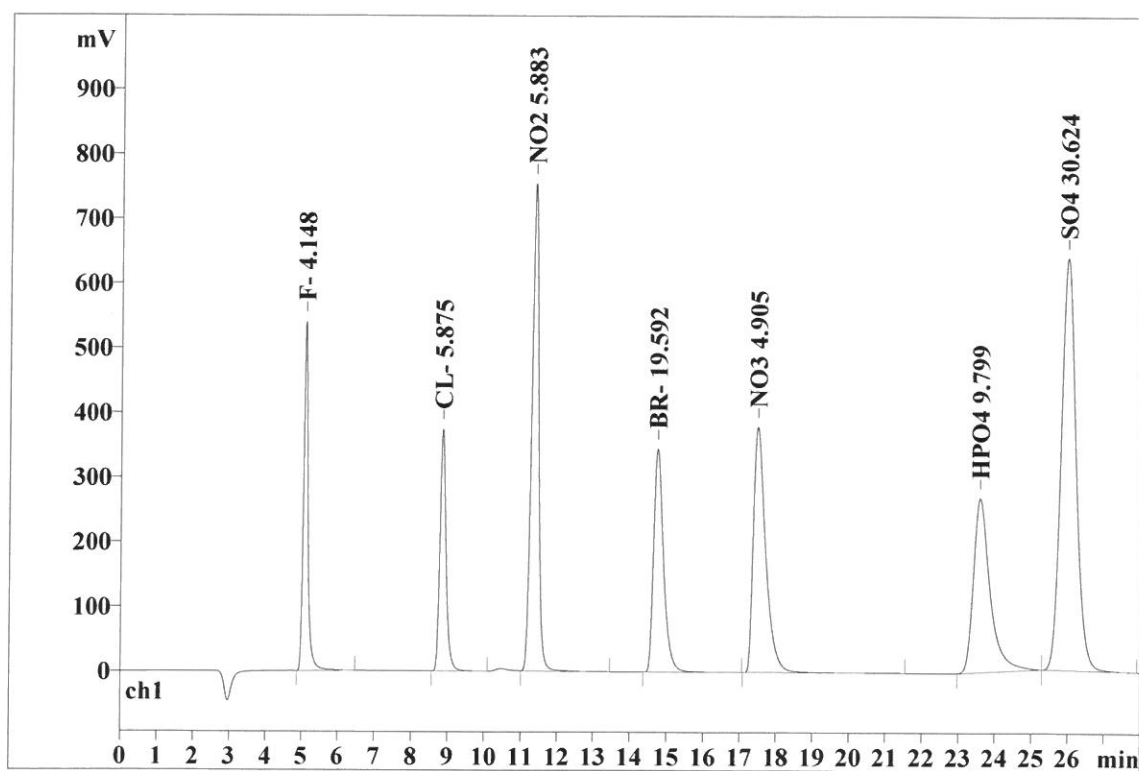
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Analysis from: 1/2/2018 1:21:31 PM  
File: \_2018-01-02\_

Last save: 1/2/2018 1:49:32 PM

Method: AnionsIC2-010218.mtw  
Run operator: wet  
Analysis number: 16067

Last save: 1/2/2018 1:18:3

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  | 5.09             | 0.123          | 541.02       | 16.39       | 4751.825       | 7.70      |
| 2  | 8.85             | 0.171          | 374.81       | 11.35       | 4379.507       | 7.09      |
| 3  | 11.36            | 0.206          | 754.58       | 22.86       | 10280.088      | 16.65     |
| 4  | 14.74            | 0.277          | 345.23       | 10.46       | 6459.501       | 10.46     |
| 5  | 17.47            | 0.353          | 379.43       | 11.49       | 9056.741       | 14.67     |
| 6  | 23.57            | 0.457          | 269.02       | 8.15        | 8597.314       | 13.92     |
| 7  | 25.96            | 0.434          | 637.52       | 19.31       | 18219.381      | 29.51     |
| 7  | 28.00            | 0.289          | 3301.61      | 100.00      | 61744.359      | 100.00    |

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Report date: 1/9/2018 11:24:26 AM  
Printed by: wet

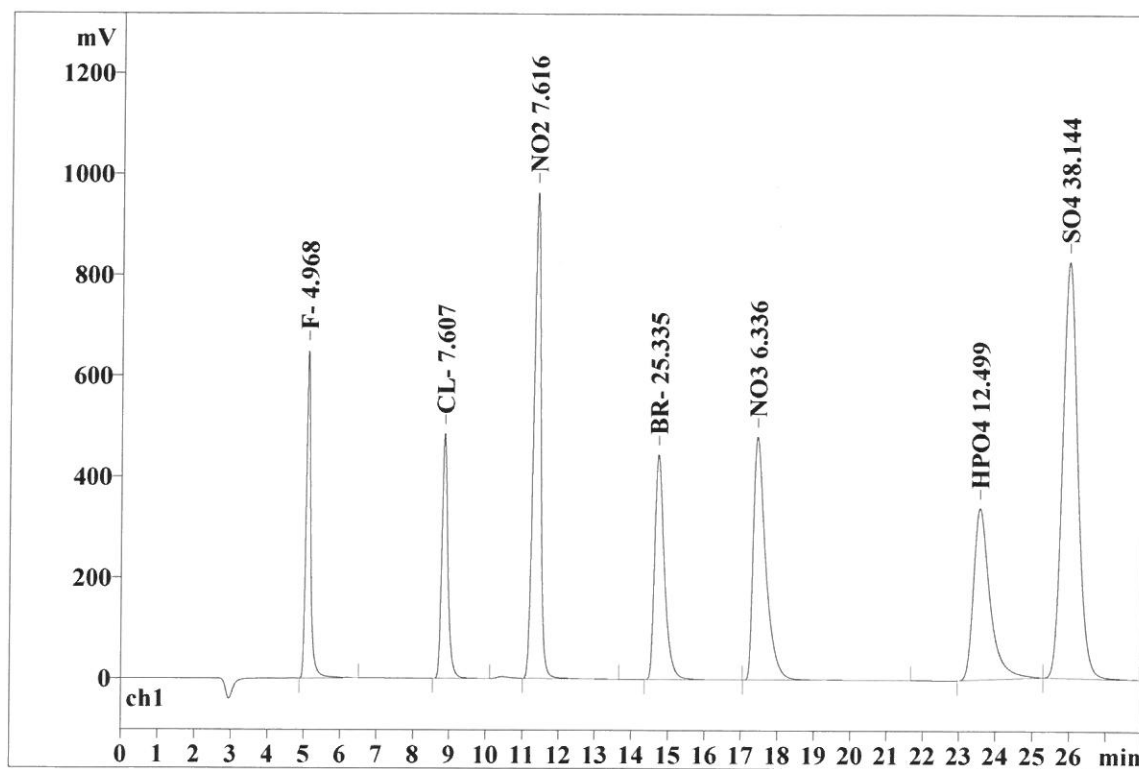
Ident: STD7  
Analysis from: 1/2/2018 1:52:28 PM  
File: \_2018-01-02\_

Last save: 1/2/2018 2:20:28 PM

Method: AnionsIC2-010218.mtw  
Run operator: wet  
Analysis number: 16068

Last save: 1/2/2018 1:49:3

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  | 5.10             | 0.126          | 650.82       | 15.53       | 5814.684       | 7.34      |
| 2  | 8.85             | 0.170          | 485.08       | 11.57       | 5650.125       | 7.14      |
| 3  | 11.38            | 0.210          | 963.66       | 22.99       | 13314.651      | 16.82     |
| 4  | 14.72            | 0.276          | 445.28       | 10.62       | 8320.758       | 10.51     |
| 5  | 17.43            | 0.356          | 482.09       | 11.50       | 11670.463      | 14.74     |
| 6  | 23.56            | 0.455          | 339.91       | 8.11        | 10746.130      | 13.57     |
| 7  | 25.96            | 0.436          | 824.52       | 19.67       | 23662.682      | 29.88     |
| 7  | 28.00            | 0.290          | 4191.36      | 100.00      | 79179.494      | 100.00    |

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Report date: 1/9/2018 11:25:14 AM  
Printed by: wet

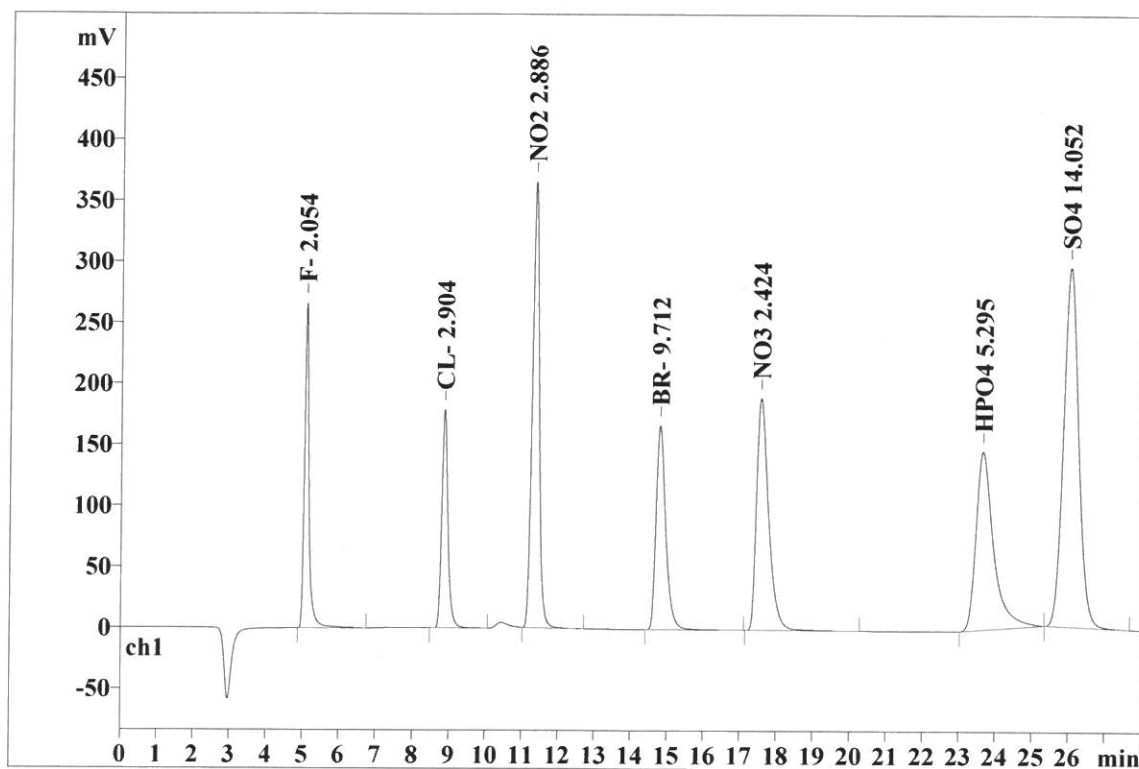
Ident: ICV  
Analysis from: 1/2/2018 4:30:36 PM  
File: \_2018-01-02\_

Last save: 1/2/2018 4:58:36 PM

Method: AnionsIC2-010218.mtw  
Run operator: wet  
Analysis number: 16076

Last save: 1/2/2018 2:20:2

SAMPLE:  
:  
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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.08             | 0.122          | 266.85       | 16.58       | 2378.032       | 7.87      |
| 2  | 8.85             | 0.173          | 178.97       | 11.12       | 2115.592       | 7.00      |
| 3  | 11.35            | 0.202          | 365.86       | 22.73       | 4901.182       | 16.22     |
| 4  | 14.79            | 0.278          | 167.16       | 10.39       | 3120.560       | 10.33     |
| 5  | 17.56            | 0.342          | 190.01       | 11.81       | 4362.803       | 14.44     |
| 6  | 23.65            | 0.472          | 146.11       | 9.08        | 4906.389       | 16.24     |
| 7  | 26.03            | 0.437          | 294.47       | 18.30       | 8424.387       | 27.89     |
| 7  | 28.00            | 0.289          | 1609.42      | 100.00      | 30208.945      | 100.00    |

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Report date: 1/9/2018 11:25:25 AM  
Printed by: wet

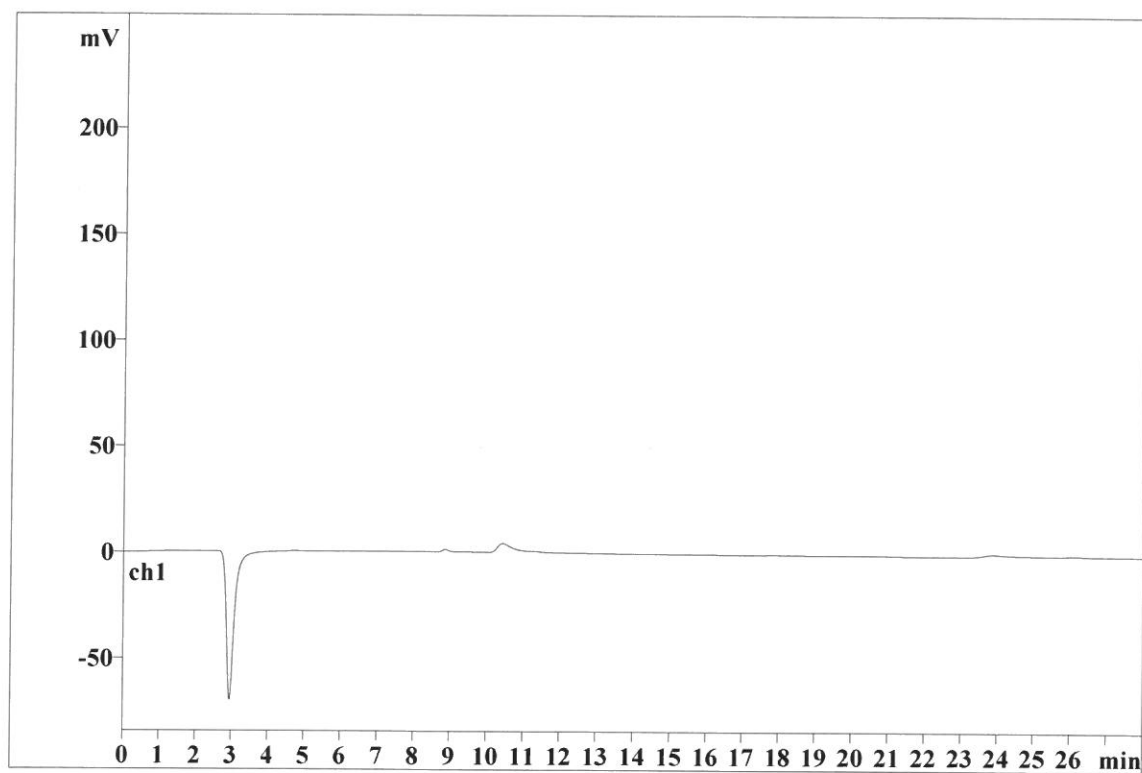
Ident: ICB  
Analysis from: 1/2/2018 5:01:32 PM  
File: \_2018-01-02\_

Last save: 1/3/2018 8:59:45 AM

Method: AnionsIC2-010218.mtw  
Run operator: wet  
Analysis number: 16077

Last save: 1/2/2018 2:20:2

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



Quantitation method: Custom

No peaks

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LB92783

Report date: 1/24/2018 10:20:48 AM  
Printed by: wet

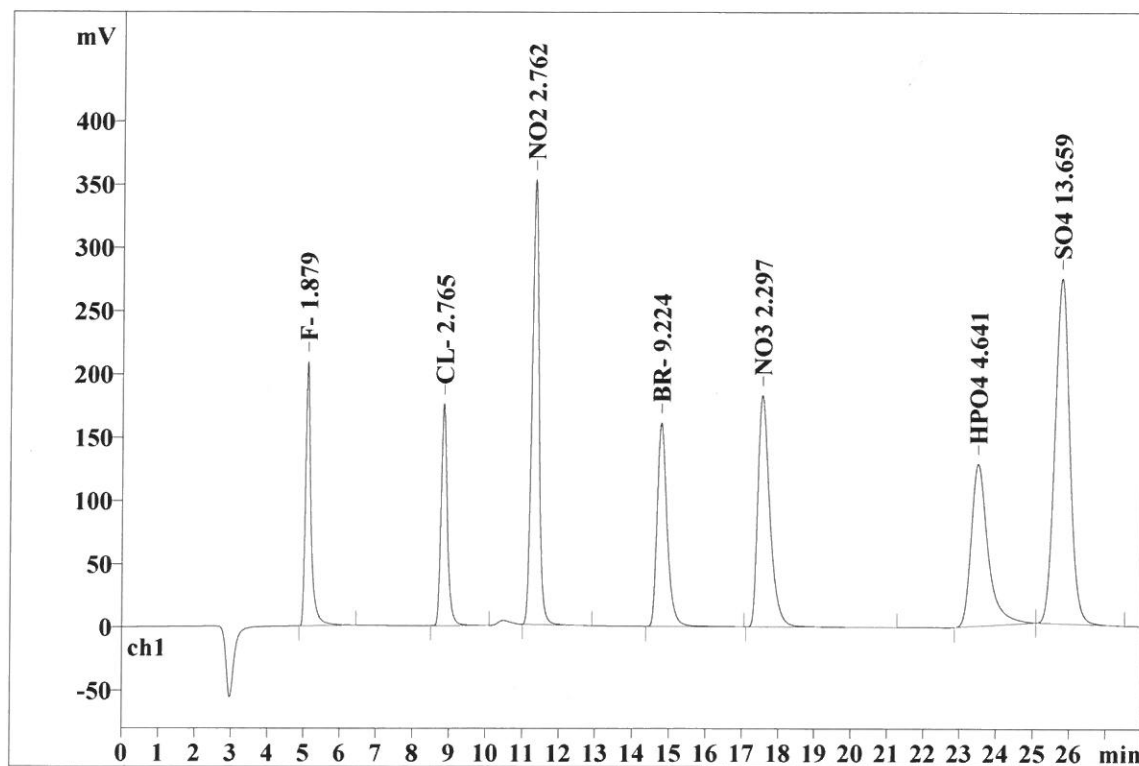
Ident: CCV  
Analysis from: 1/23/2018 10:46:59 AM  
File: \_2018-01-23\_

Last save: 1/23/2018 11:14:59 AM

Method: AnionsIC2-011518.mtw  
Run operator: wet  
Analysis number: 16267

Last save: 1/15/2018 2:05:

SAMPLE:  
:  
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  | 5.09             | 0.139          | 209.20       | 14.12       | 2159.110       | 7.65      |
| 2  | 8.83             | 0.173          | 175.28       | 11.83       | 2071.264       | 7.34      |
| 3  | 11.32            | 0.206          | 351.80       | 23.75       | 4804.343       | 17.02     |
| 4  | 14.76            | 0.281          | 160.84       | 10.86       | 3039.913       | 10.77     |
| 5  | 17.53            | 0.345          | 182.91       | 12.35       | 4235.383       | 15.01     |
| 6  | 23.49            | 0.461          | 128.20       | 8.65        | 4137.041       | 14.66     |
| 7  | 25.76            | 0.434          | 272.97       | 18.43       | 7774.277       | 27.55     |
| 7  | 28.00            | 0.291          | 1481.18      | 100.00      | 28221.330      | 100.00    |

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Report date: 1/24/2018 10:20:59 AM  
Printed by: wet

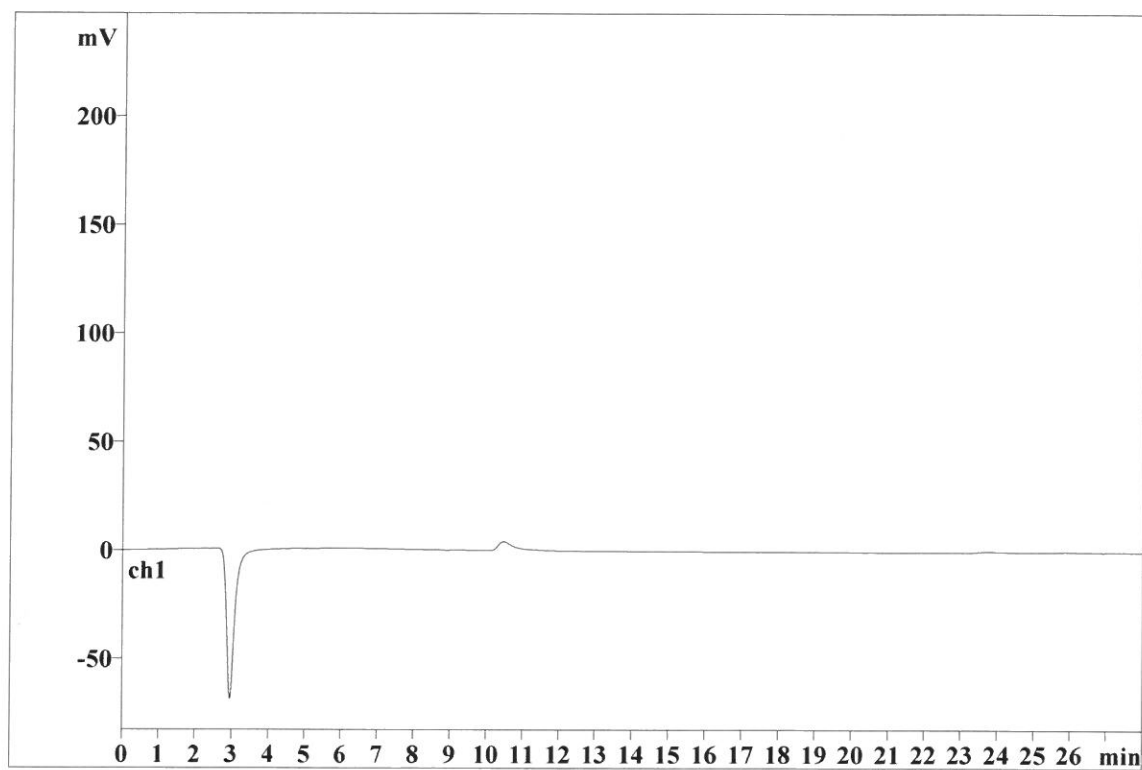
Ident: CCB  
Analysis from: 1/23/2018 11:26:40 AM  
File: \_2018-01-23\_

Last save: 1/23/2018 11:54:40 AM

Method: AnionsIC2-011518.mtw  
Run operator: wet  
Analysis number: 16268

Last save: 1/15/2018 2:05:

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: 1/24/2018 10:21:09 AM  
Printed by: wet

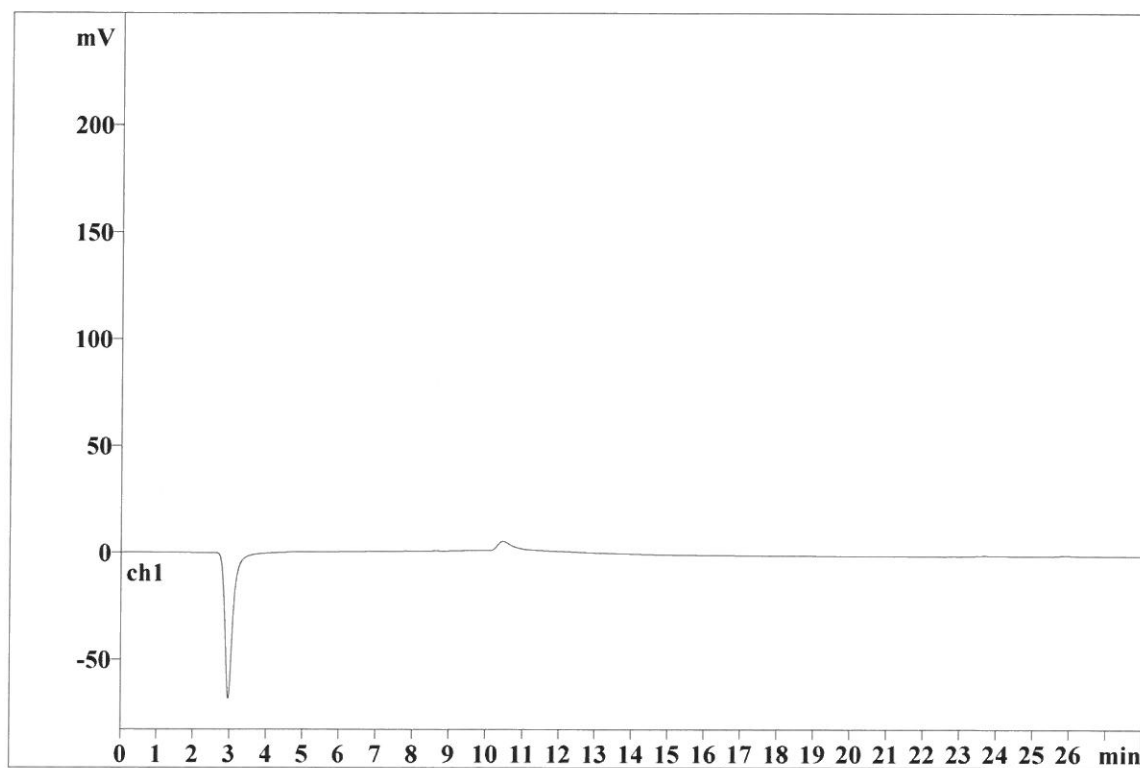
Ident: LB92783BLW  
Analysis from: 1/23/2018 11:57:39 AM  
File: \_2018-01-23\_

Last save: 1/23/2018 12:25:39 PM

Method: AnionsIC2-011518.mtw  
Run operator: wet  
Analysis number: 16269

Last save: 1/15/2018 2:05:

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: 1/24/2018 10:21:19 AM  
Printed by: wet

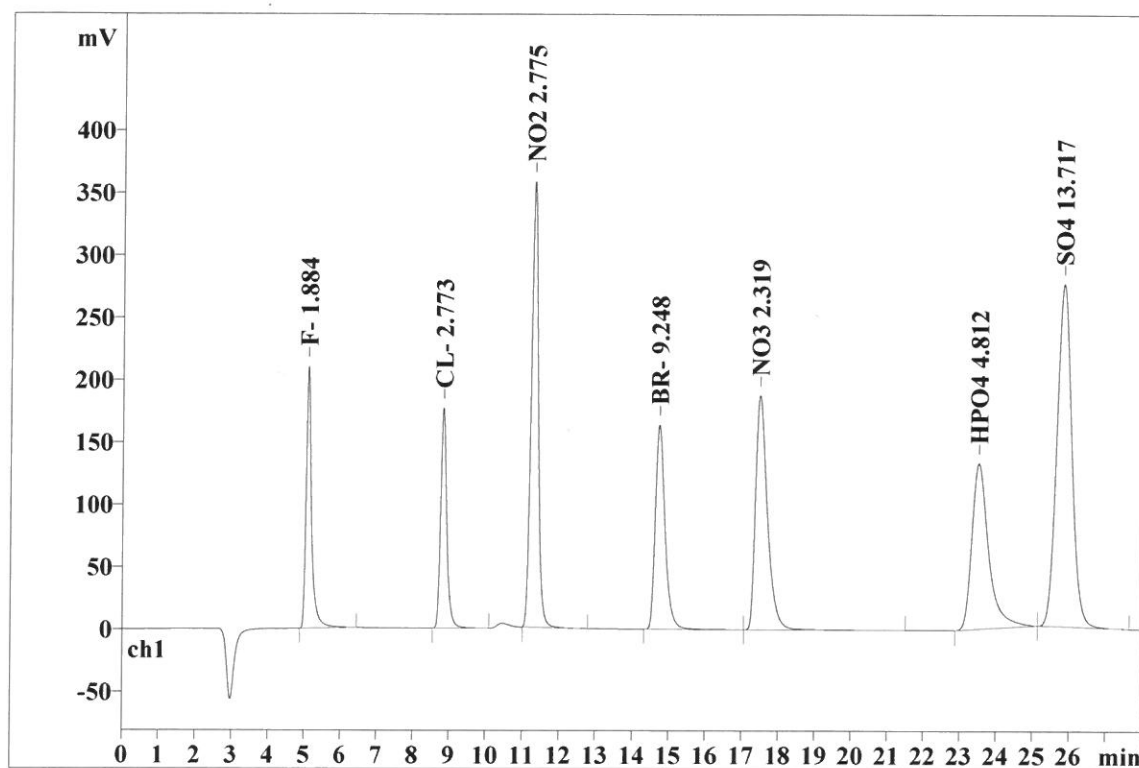
Ident: LB92783BSW  
Analysis from: 1/23/2018 12:28:38 PM  
File: \_2018-01-23\_

Last save: 1/23/2018 12:56:38 PM

Method: AnionsIC2-011518.mtw  
Run operator: wet  
Analysis number: 16270

Last save: 1/15/2018 2:05:

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             | 0.139          | 210.03       | 13.97       | 2165.662       | 7.60      |
| 2  | 8.83             | 0.171          | 176.67       | 11.76       | 2077.317       | 7.29      |
| 3  | 11.31            | 0.204          | 357.43       | 23.78       | 4827.933       | 16.95     |
| 4  | 14.72            | 0.277          | 163.73       | 10.89       | 3048.370       | 10.70     |
| 5  | 17.48            | 0.339          | 187.69       | 12.49       | 4276.601       | 15.02     |
| 6  | 23.51            | 0.459          | 132.76       | 8.83        | 4272.617       | 15.00     |
| 7  | 25.82            | 0.434          | 274.59       | 18.27       | 7808.741       | 27.42     |
| 7  | 28.00            | 0.289          | 1502.90      | 100.00      | 28477.241      | 100.00    |

Report date: 1/24/2018 10:24:39 AM  
Printed by: wet

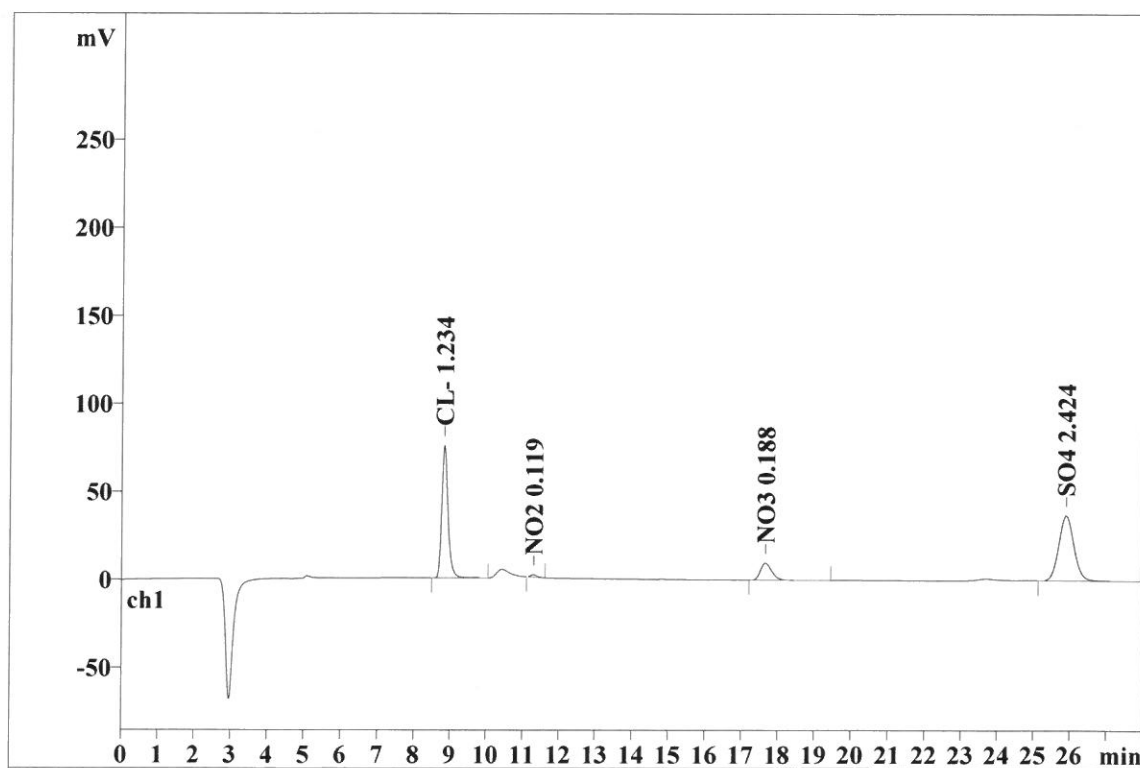
Ident: J1252-01  
Analysis from: 1/23/2018 1:18:56 PM  
File: \_2018-01-23\_

Last save: 1/24/2018 10:24:35 AM

Method: AnionsIC2-011518.mtw  
Run operator: wet  
Analysis number: 16271

Last save: 1/15/2018 2:05:

SAMPLE:  
: AK/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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 2  | 8.83             | 0.174          | 75.19        | 61.05       | 892.204        | 40.62     |
| 3  | 11.31            | 0.198          | 1.32         | 1.07        | 16.511         | 0.75      |
| 4  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 5  | 17.66            | 0.334          | 9.69         | 7.87        | 214.774        | 9.78      |
| 6  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 7  | 25.88            | 0.443          | 36.96        | 30.01       | 1073.166       | 48.85     |
| 7  | 28.00            | 0.164          | 123.16       | 100.00      | 2196.655       | 100.00    |

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Report date: 1/24/2018 10:24:59 AM  
Printed by: wet

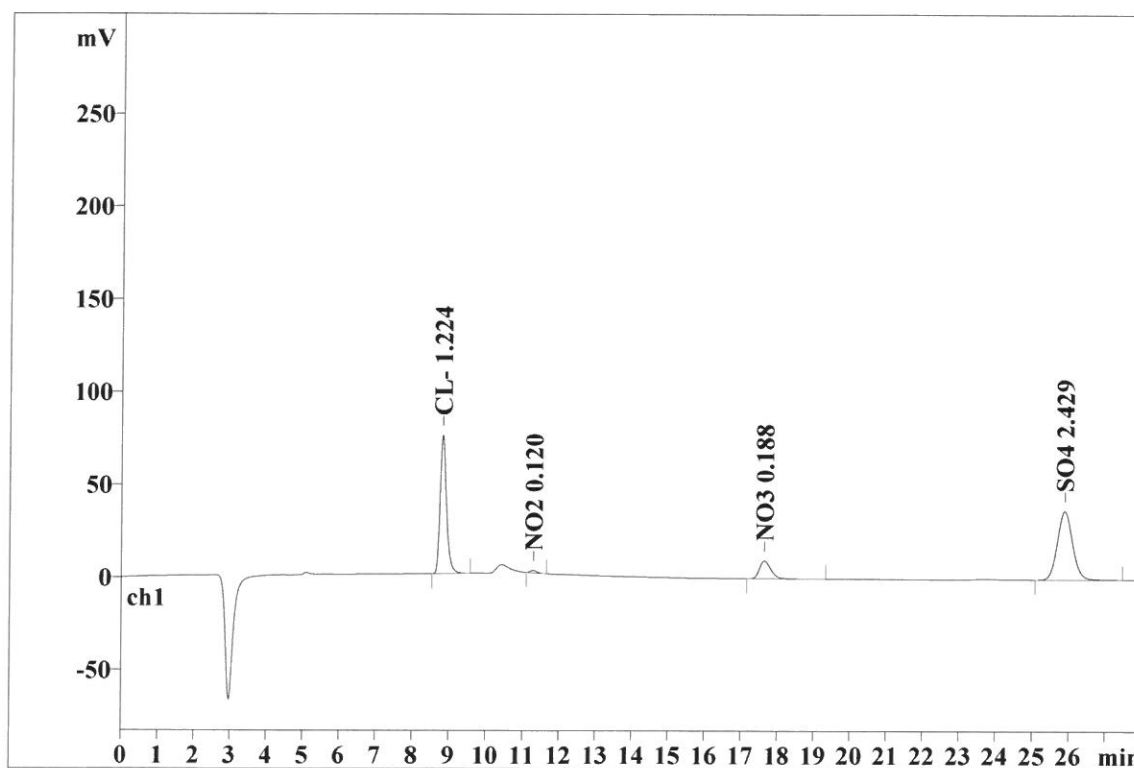
Ident: J1252-01DUP  
Analysis from: 1/23/2018 1:49:54 PM  
File: \_2018-01-23\_

Last save: 1/23/2018 2:17:55 PM

Method: AnionsIC2-011518.mtw  
Run operator: wet  
Analysis number: 16272

Last save: 1/15/2018 2:05:

SAMPLE:  
: AK/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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 2  | 8.82             | 0.174          | 74.78        | 60.87       | 884.254        | 40.34     |
| 3  | 11.30            | 0.198          | 1.39         | 1.13        | 17.533         | 0.80      |
| 4  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 5  | 17.64            | 0.334          | 9.65         | 7.86        | 214.199        | 9.77      |
| 6  | 0.00             | 0.000          | 0.00         | 0.00        | 0.000          | 0.00      |
| 7  | 25.87            | 0.444          | 37.02        | 30.13       | 1076.260       | 49.09     |
| 7  | 28.00            | 0.164          | 122.85       | 99.99       | 2192.247       | 100.00    |

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Report date: 1/24/2018 10:25:29 AM  
Printed by: wet

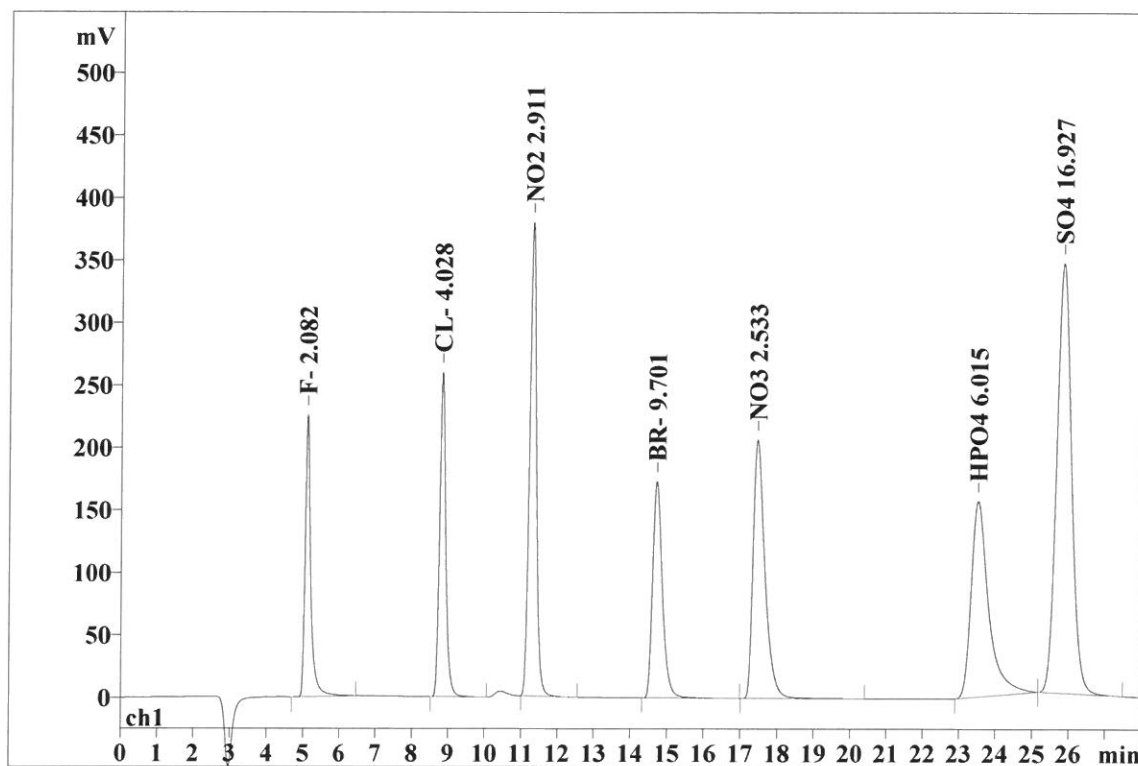
Ident: J1252-01MS  
Analysis from: 1/23/2018 2:20:54 PM  
File: \_2018-01-23\_

Last save: 1/23/2018 2:48:54 PM

Method: AnionsIC2-011518.mtw  
Run operator: wet  
Analysis number: 16273

Last save: 1/15/2018 2:05:

SAMPLE:  
: AK/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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.10             | 0.143          | 225.79       | 12.93       | 2397.129       | 7.19      |
| 2  | 8.82             | 0.171          | 259.98       | 14.89       | 3043.512       | 9.13      |
| 3  | 11.30            | 0.202          | 379.55       | 21.73       | 5074.879       | 15.22     |
| 4  | 14.71            | 0.275          | 173.37       | 9.93        | 3202.335       | 9.60      |
| 5  | 17.45            | 0.337          | 206.95       | 11.85       | 4685.015       | 14.05     |
| 6  | 23.51            | 0.470          | 156.60       | 8.97        | 5226.191       | 15.67     |
| 7  | 25.83            | 0.431          | 344.18       | 19.71       | 9723.677       | 29.15     |
| 7  | 28.00            | 0.290          | 1746.42      | 100.00      | 33352.739      | 100.00    |

Report date: 1/24/2018 10:26:01 AM  
Printed by: wet

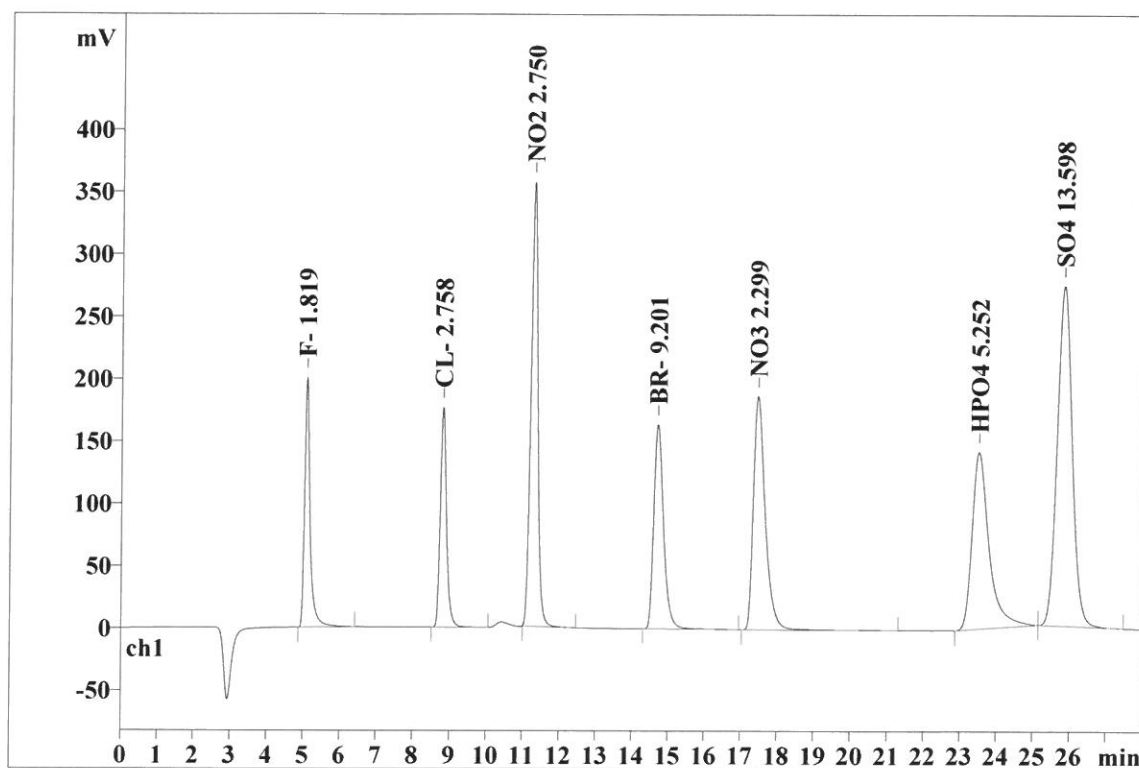
Ident: CCV  
Analysis from: 1/23/2018 2:51:59 PM  
File: \_2018-01-23\_

Last save: 1/23/2018 3:20:00 PM

Method: AnionsIC2-011518.mtw  
Run operator: wet  
Analysis number: 16274

Last save: 1/15/2018 2:05:

SAMPLE:  
:  
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  | 5.08             | 0.140          | 200.59       | 13.37       | 2089.600       | 7.31      |
| 2  | 8.81             | 0.171          | 176.63       | 11.78       | 2065.889       | 7.23      |
| 3  | 11.29            | 0.203          | 356.82       | 23.79       | 4782.881       | 16.74     |
| 4  | 14.70            | 0.275          | 164.07       | 10.94       | 3032.420       | 10.61     |
| 5  | 17.45            | 0.336          | 187.02       | 12.47       | 4239.338       | 14.84     |
| 6  | 23.50            | 0.461          | 141.84       | 9.46        | 4621.434       | 16.18     |
| 7  | 25.83            | 0.433          | 272.81       | 18.19       | 7737.696       | 27.08     |
| 7  | 27.98            | 0.288          | 1499.79      | 100.00      | 28569.259      | 100.00    |

Report date: 1/24/2018 10:26:15 AM  
Printed by: wet

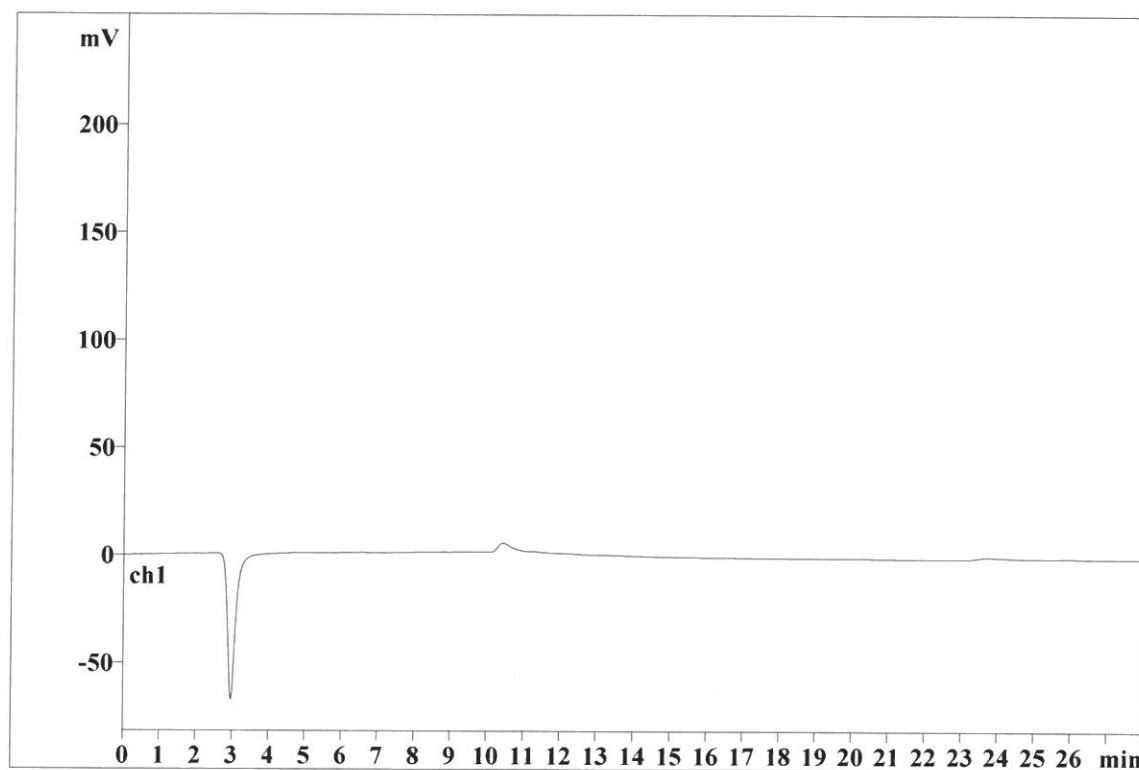
Ident: CCB  
Analysis from: 1/23/2018 3:22:57 PM  
File: \_2018-01-23\_

Last save: 1/23/2018 3:50:57 PM

Method: AnionsIC2-011518.mtw  
Run operator: wet  
Analysis number: 16275

Last save: 1/15/2018 2:05:

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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