

IC-2  
9056A  
5/26/2021  
AM

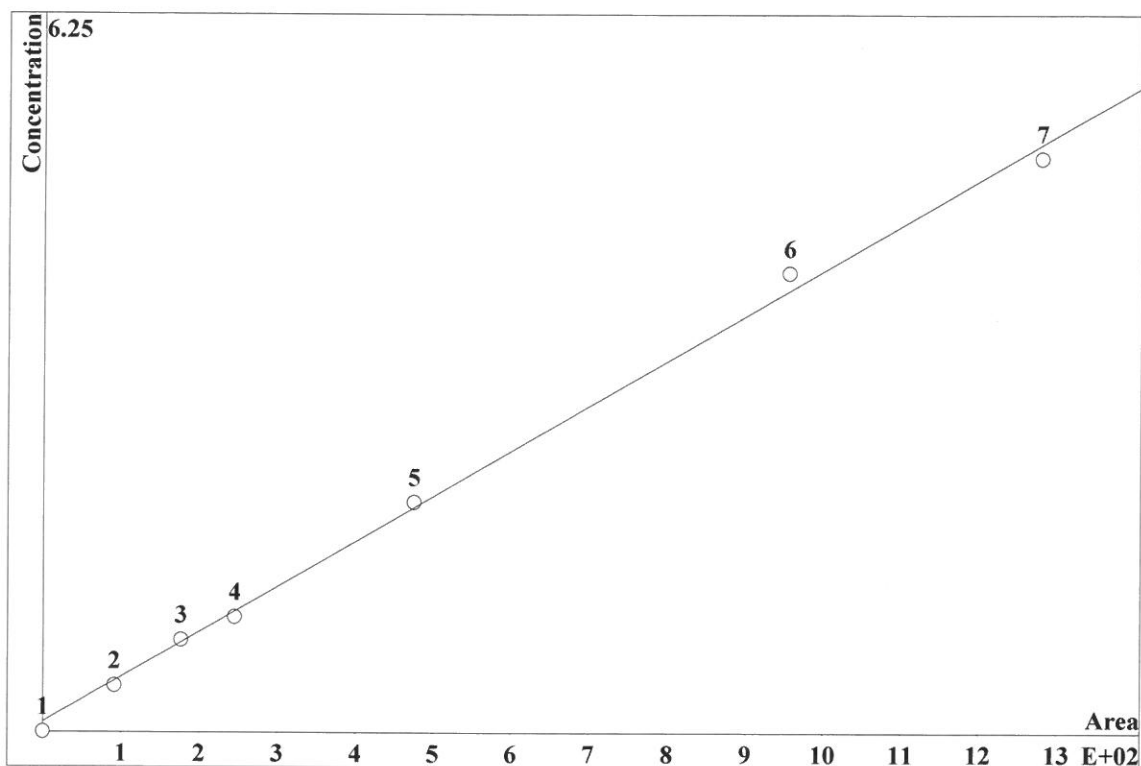
Clear table

| 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<br>wt/ Final<br>Vol | Analyst |
|-------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|------------|---------------|-----------------------------|---------|
| STD1        | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2021-05-24 | 5/24/21 15:19 |                             | AM/AP   |
| STD2        | 0.4460               | 0.6680                | 0.6660                | 2.2150                | 0.5670                | 0.9150                 | 3.4840                | 2021-05-24 | 5/24/21 15:49 |                             | AM/AP   |
| STD3        | 0.7810               | 1.2030                | 1.1980                | 4.0470                | 1.0110                | 2.0040                 | 6.0490                | 2021-05-24 | 5/24/21 16:18 |                             | AM/AP   |
| STD4        | 1.0510               | 1.5020                | 1.4870                | 4.9860                | 1.2460                | 2.5230                 | 7.4680                | 2021-05-24 | 5/24/21 16:48 |                             | AM/AP   |
| STD5        | 1.9550               | 2.9260                | 2.9460                | 9.7370                | 2.4220                | 5.1220                 | 14.4590               | 2021-05-24 | 5/24/21 17:17 |                             | AM/AP   |
| STD6        | 3.8460               | 5.9060                | 5.9340                | 19.7170               | 4.9170                | 9.9300                 | 29.4710               | 2021-05-24 | 5/24/21 17:47 |                             | AM/AP   |
| STD7        | 5.1210               | 7.5940                | 7.5700                | 25.2980               | 6.3370                | 12.5060                | 38.0690               | 2021-05-24 | 5/24/21 18:17 |                             | AM/AP   |
| ICV         | 1.9940               | 2.9230                | 2.9530                | 9.7360                | 2.4220                | 5.3240                 | 14.4740               | 2021-05-24 | 5/24/21 18:46 |                             | AM/AP   |
| ICB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2021-05-24 | 5/24/21 19:16 |                             | AM/AP   |
| CCV         | 1.9390               | 2.7940                | 2.8470                | 9.3290                | 2.3210                | 5.3150                 | 13.7490               | 2021-05-25 | 5/25/21 14:28 |                             | AM/AP   |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2021-05-25 | 5/25/21 14:59 |                             | AM/AP   |
| LB114632BLS | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2021-05-25 | 5/25/21 15:28 | 5.00g/100m                  | AM/AP   |
| LB114632BSS | 1.9650               | 2.7770                | 2.8320                | 9.2820                | 2.3080                | 5.4720                 | 13.6960               | 2021-05-25 | 5/25/21 15:58 | 5.00g/100m                  | AM/AP   |
| M1458-01    | 0.2680               | 0.3580                | 0.3950                | 1.3090                | 0.3530                | 0.3960                 | 2.1540                | 2021-05-25 | 5/25/21 16:29 | 5.00g/100m                  | AM/AP   |
| CCV         | 1.9750               | 2.7710                | 2.8340                | 9.2750                | 2.3070                | 5.4980                 | 13.7030               | 2021-05-25 | 5/25/21 17:28 |                             | AM/AP   |
| CCB         | 0.0000               | 0.0000                | 0.0000                | 0.0000                | 0.0000                | 0.0000                 | 0.0000                | 2021-05-25 | 5/25/21 17:58 |                             | AM/AP   |

# CALIBRATION OF COMPONENT F-

Method: AnionsIC2-052421.mtw  
 Equation:  $Q = 0.078782 \cdot A + 1.71235$   
 RSD: 4.844 %  
 Correlation coefficient: 0.998720

IC-2  
 5/25/2021  
 AM

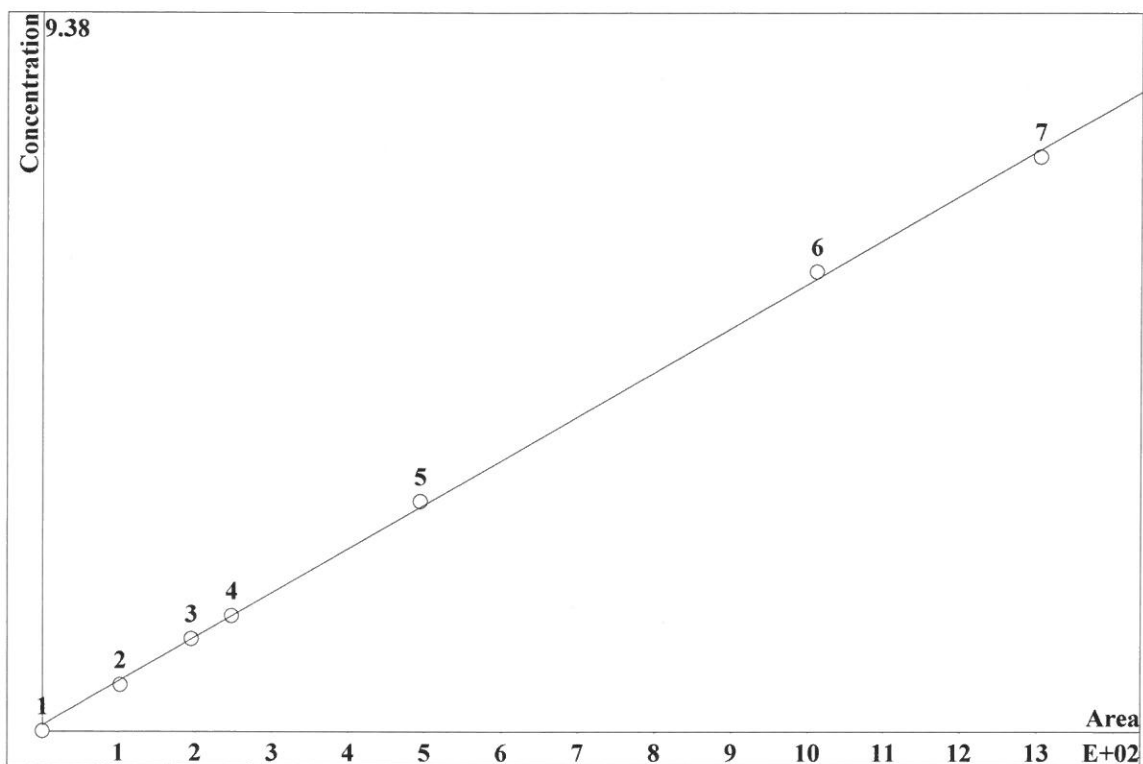


K3 = 0      K2 = 0      K1 = 0.078782      K0 = 1.71235  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 3.086  | 91.45 | 0.4   | 20      | 5.75      |      |      |
| 3     | 6.052  | 176.6 | 0.8   | 20      | 5.75      |      |      |
| 4     | 8.531  | 245   | 1     | 20      | 5.75      |      |      |
| 5     | 18.47  | 474.5 | 2     | 20      | 5.75      |      |      |
| 6     | 36.12  | 954.7 | 4     | 20      | 5.75      |      |      |
| 7     | 48.28  | 1278  | 5     | 20      | 5.75      |      |      |

## CALIBRATION OF COMPONENT CL-

Method: AnionsIC2-052421.mtw  
 Equation:  $Q = 0.115267 \cdot A + 1.56543$   
 RSD: 2.529 %  
 Correlation coefficient: 0.999651

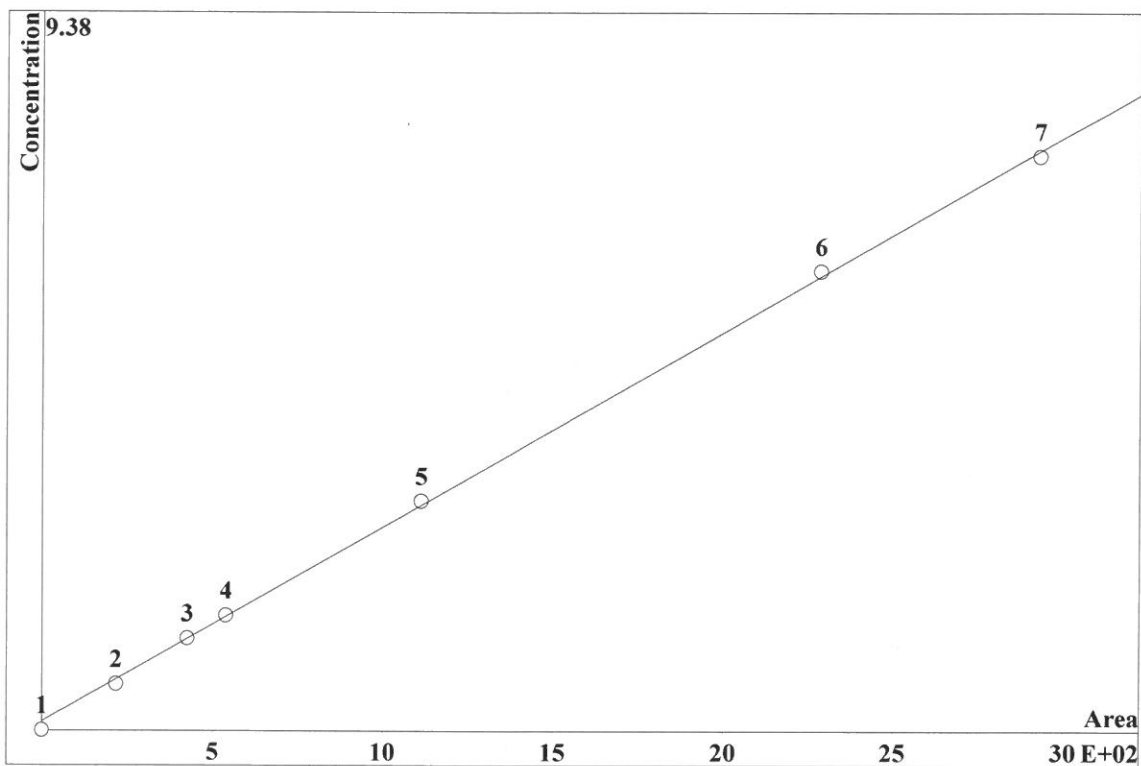


K3 = 0      K2 = 0      K1 = 0.115267      K0 = 1.56543  
 Base: Area  
 Ref.channel: chl  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 6.966  | 102.4 | 0.6   | 20      | 8.834     |      |      |
| 3     | 13.43  | 195.1 | 1.2   | 20      | 8.834     |      |      |
| 4     | 16.9   | 247.1 | 1.5   | 20      | 8.834     |      |      |
| 5     | 34.48  | 494.1 | 3     | 20      | 8.834     |      |      |
| 6     | 72.05  | 1011  | 6     | 20      | 8.834     |      |      |
| 7     | 92.55  | 1304  | 7.5   | 20      | 8.834     |      |      |

## CALIBRATION OF COMPONENT NO2

Method: AnionsIC2-052421.mtw  
 Equation:  $Q = 0.050927 \cdot A + 2.29171$   
 RSD: 1.959 %  
 Correlation coefficient: 0.999791

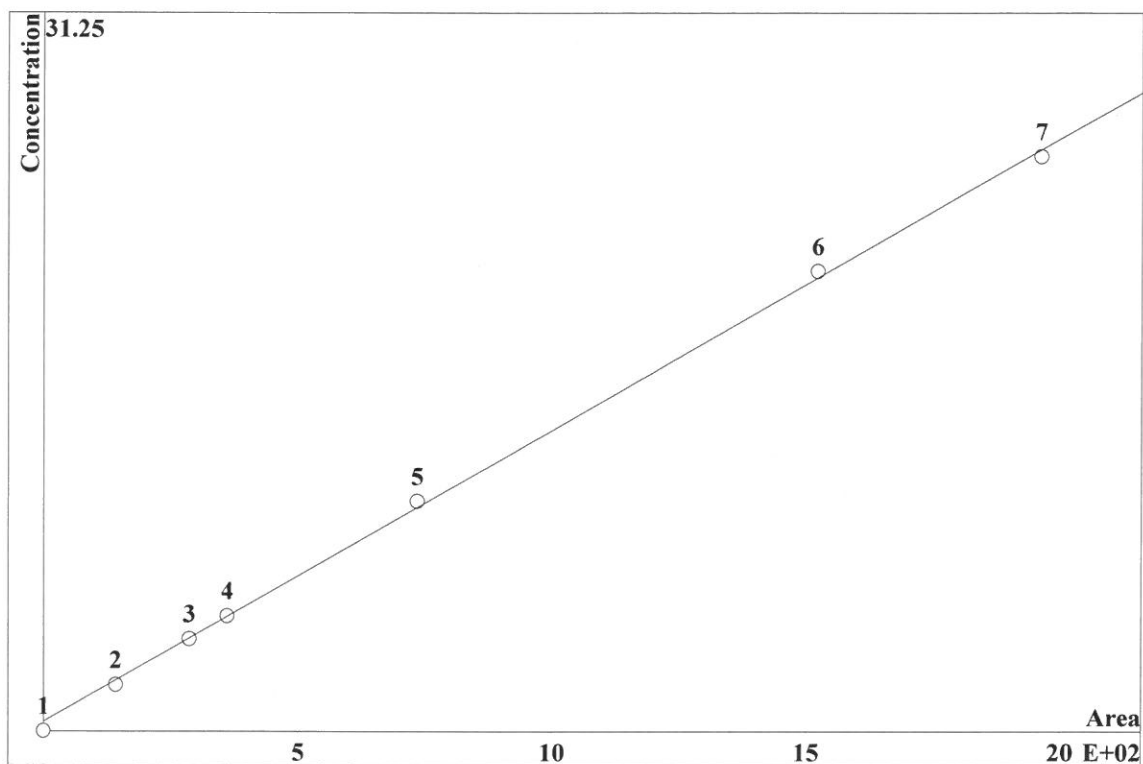


K3 = 0      K2 = 0      K1 = 0.050927      K0 = 2.29171  
 Base: Area  
 Ref.channel: chl  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used File |
|-------|--------|-------|-------|---------|-----------|-----------|
| 1     | 0      | 0     | 0     | 0       | 0         | 0         |
| 2     | 11.19  | 216.4 | 0.6   | 20      | 10.64     |           |
| 3     | 21.88  | 425.4 | 1.2   | 20      | 10.64     |           |
| 4     | 27.74  | 538.9 | 1.5   | 20      | 10.64     |           |
| 5     | 57.32  | 1112  | 3     | 20      | 10.64     |           |
| 6     | 114.9  | 2285  | 6     | 20      | 10.64     |           |
| 7     | 145.7  | 2928  | 7.5   | 20      | 10.64     |           |

## CALIBRATION OF COMPONENT BR-

Method: AnionsIC2-052421.mtw  
 Equation:  $Q = 0.253839 \cdot A + 8.10754$   
 RSD: 2.435 %  
 Correlation coefficient: 0.999677

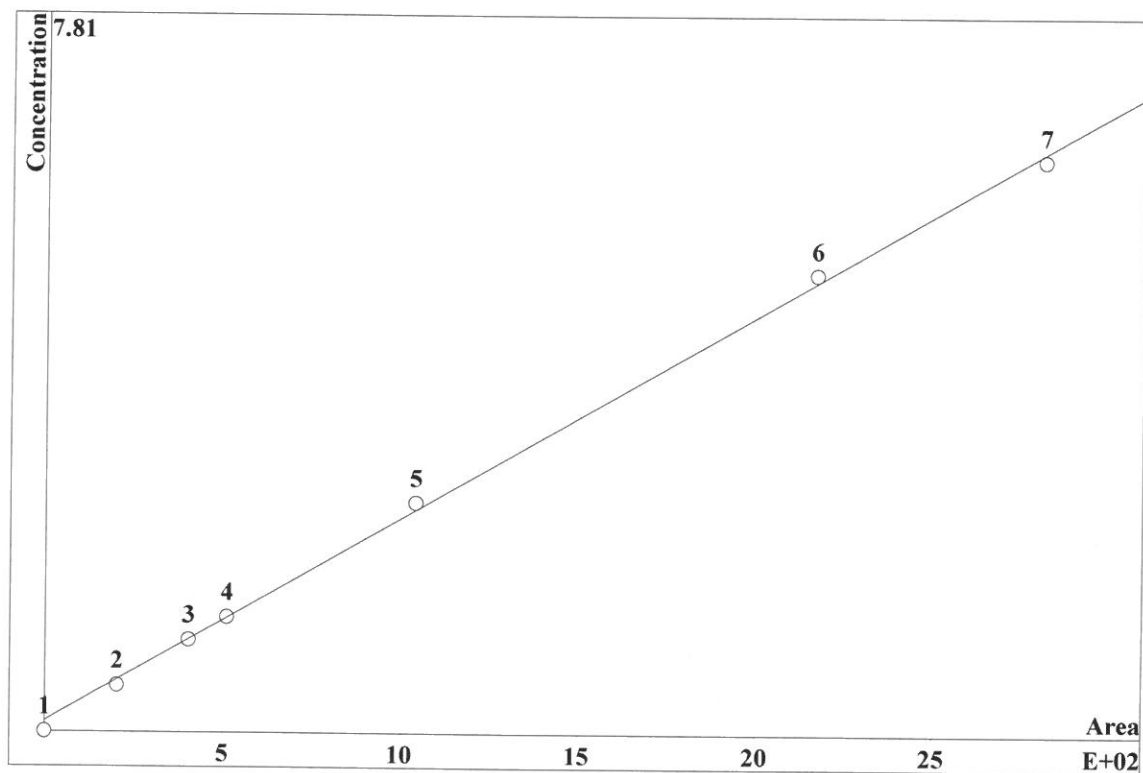


K3 = 0      K2 = 0      K1 = 0.253839      K0 = 8.10754  
 Base: Area  
 Ref.channel: chl  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 7.396  | 142.6 | 2     | 20      |           |      | 14   |
| 3     | 14.93  | 287   | 4     | 20      |           |      | 14   |
| 4     | 18.96  | 360.9 | 5     | 20      |           |      | 14   |
| 5     | 39.45  | 735.2 | 10    | 20      |           |      | 14   |
| 6     | 83.1   | 1522  | 20    | 20      |           |      | 14   |
| 7     | 108.6  | 1961  | 25    | 20      |           |      | 14   |

CALIBRATION OF COMPONENT NO3

Method: AnionsIC2-052421.mtw  
 Equation:  $Q = 0.0443329 \cdot A + 2.28914$   
 RSD: 2.884 %  
 Correlation coefficient: 0.999547

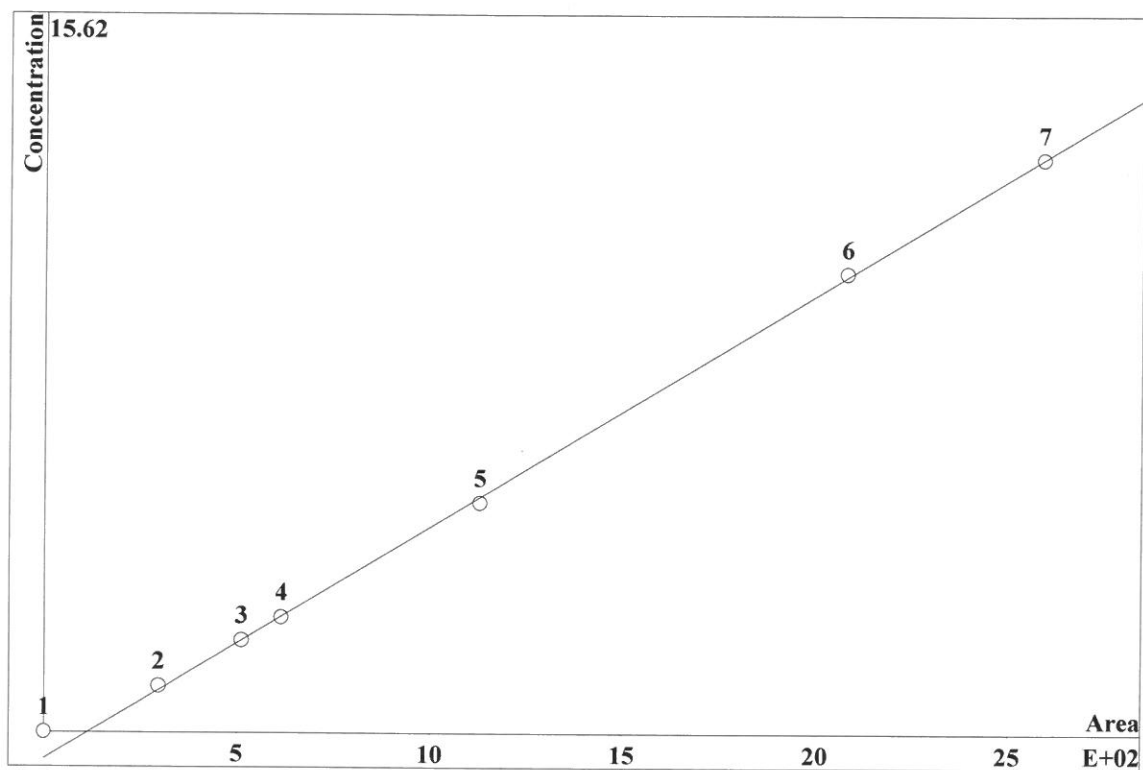


K3 = 0      K2 = 0      K1 = 0.0443329      K0 = 2.28914  
 Base: Area  
 Ref.channel: ch1  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used File |
|-------|--------|-------|-------|---------|-----------|-----------|
| 1     | 0      | 0     | 0     | 0       | 0         | 0         |
| 2     | 8.995  | 204.2 | 0.5   | 20      | 14.79     |           |
| 3     | 17.91  | 404.3 | 1     | 20      | 14.79     |           |
| 4     | 22.7   | 510.5 | 1.25  | 20      | 14.79     |           |
| 5     | 46.65  | 1041  | 2.5   | 20      | 14.79     |           |
| 6     | 97.07  | 2167  | 5     | 20      | 14.79     |           |
| 7     | 126.4  | 2807  | 6.25  | 20      | 14.79     |           |

## CALIBRATION OF COMPONENT HPO4

Method: AnionsIC2-052421.mtw  
 Equation:  $Q = 0.10127 \cdot A - 11.7243$   
 RSD: 1.510 %  
 Correlation coefficient: 0.999876

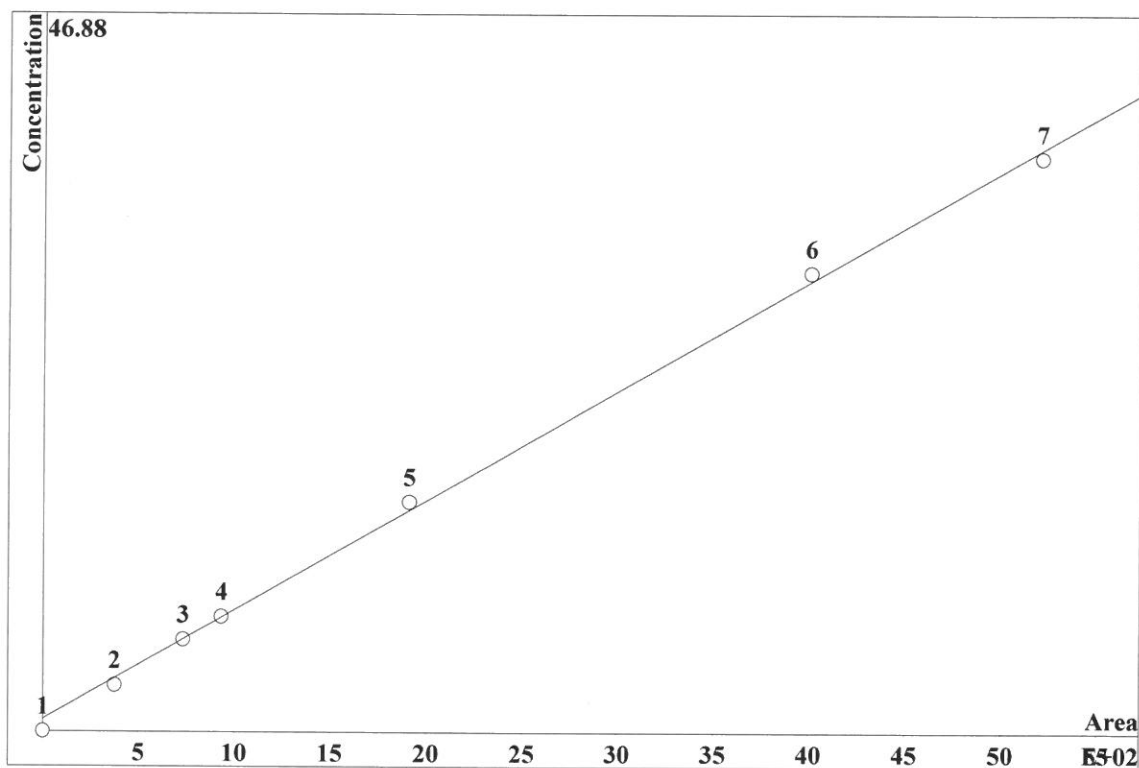


K3 = 0      K2 = 0      K1 = 0.10127      K0 = -11.7243  
 Base: Area  
 Ref.channel: chl  
 ISTD:  
 Formula: Linear  
 Weight: 1

| Level | Height | Area  | Conc. | Vol/Dil | Retention | Used | File |
|-------|--------|-------|-------|---------|-----------|------|------|
| 1     | 0      | 0     | 0     | 0       | 0         |      | 0    |
| 2     | 7.388  | 296.4 | 1     | 20      | 21.2      |      |      |
| 3     | 13.78  | 511.5 | 2     | 20      | 21.2      |      |      |
| 4     | 16.53  | 614.1 | 2.5   | 20      | 21.2      |      |      |
| 5     | 32.57  | 1127  | 5     | 20      | 21.2      |      |      |
| 6     | 62.84  | 2077  | 10    | 20      | 21.2      |      |      |
| 7     | 79.04  | 2586  | 12.5  | 20      | 21.2      |      |      |

## CALIBRATION OF COMPONENT SO4

Method: AnionsIC2-052421.mtw  
 Equation:  $Q = 0.143282 \cdot A + 15.8948$   
 RSD: 3.226 %  
 Correlation coefficient: 0.999433



K3 = 0      K2 = 0      K1 = 0.143282      K0 = 15.8948  
 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     | 12.97  | 375.4 | 3     | 20      | 24.73     |           |
| 3     | 25.5   | 733.4 | 6     | 20      | 24.73     |           |
| 4     | 32.41  | 931.4 | 7.5   | 20      | 24.73     |           |
| 5     | 67.36  | 1907  | 15    | 20      | 24.73     |           |
| 6     | 142.5  | 4003  | 30    | 20      | 24.73     |           |
| 7     | 186.5  | 5203  | 37.5  | 20      | 24.73     |           |

Report date: 5/25/2021 2:00:40 PM  
Printed by: wet

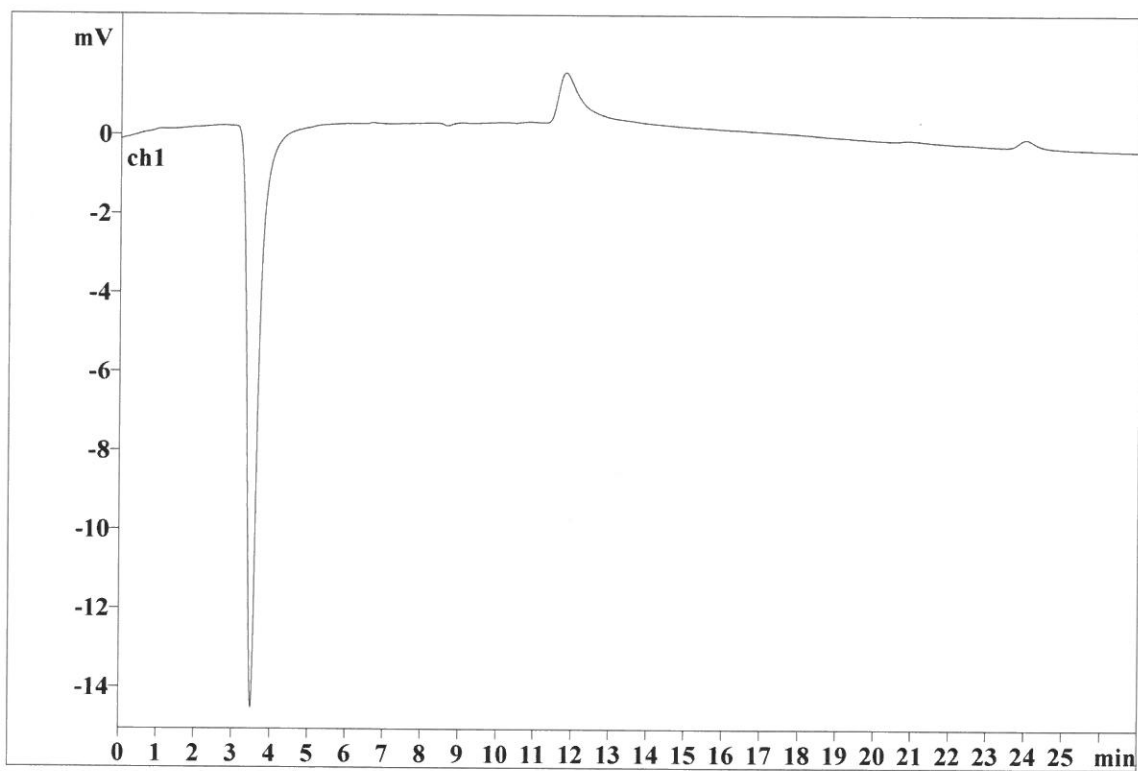
Ident: STD1  
Analysis from: 5/24/2021 3:19:25 PM  
File: \_2021-05-24\_

Last save: 5/24/2021 9:10:02 PM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27031

Last save: 5/24/2021 6:14:

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: 5/25/2021 2:00:49 PM  
Printed by: wet

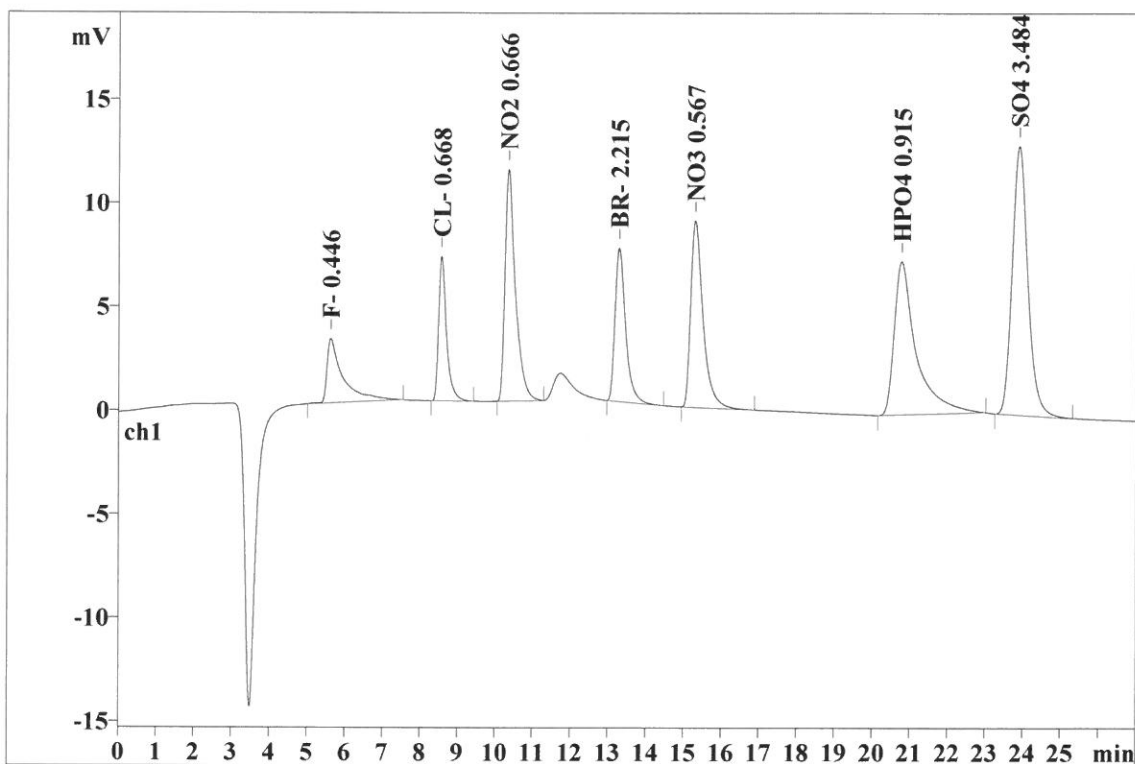
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Analysis from: 5/24/2021 3:49:00 PM  
File: \_2021-05-24\_

Last save: 5/24/2021 9:10:02 PM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27032

Last save: 5/24/2021 6:14:

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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.61             | 0.349          | 3.09         | 5.32        | 91.449         | 6.40      |
| 2  | 8.55             | 0.211          | 6.96         | 12.01       | 102.372        | 7.17      |
| 3  | 10.33            | 0.276          | 11.19        | 19.29       | 216.368        | 15.14     |
| 4  | 13.27            | 0.282          | 7.40         | 12.75       | 142.559        | 9.98      |
| 5  | 15.28            | 0.330          | 8.99         | 15.51       | 204.152        | 14.29     |
| 6  | 20.75            | 0.518          | 7.39         | 12.74       | 296.406        | 20.75     |
| 7  | 23.86            | 0.434          | 12.97        | 22.36       | 375.366        | 26.27     |
| 7  | 27.00            | 0.343          | 57.98        | 99.99       | 1428.673       | 100.00    |

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Report date: 5/25/2021 2:00:56 PM  
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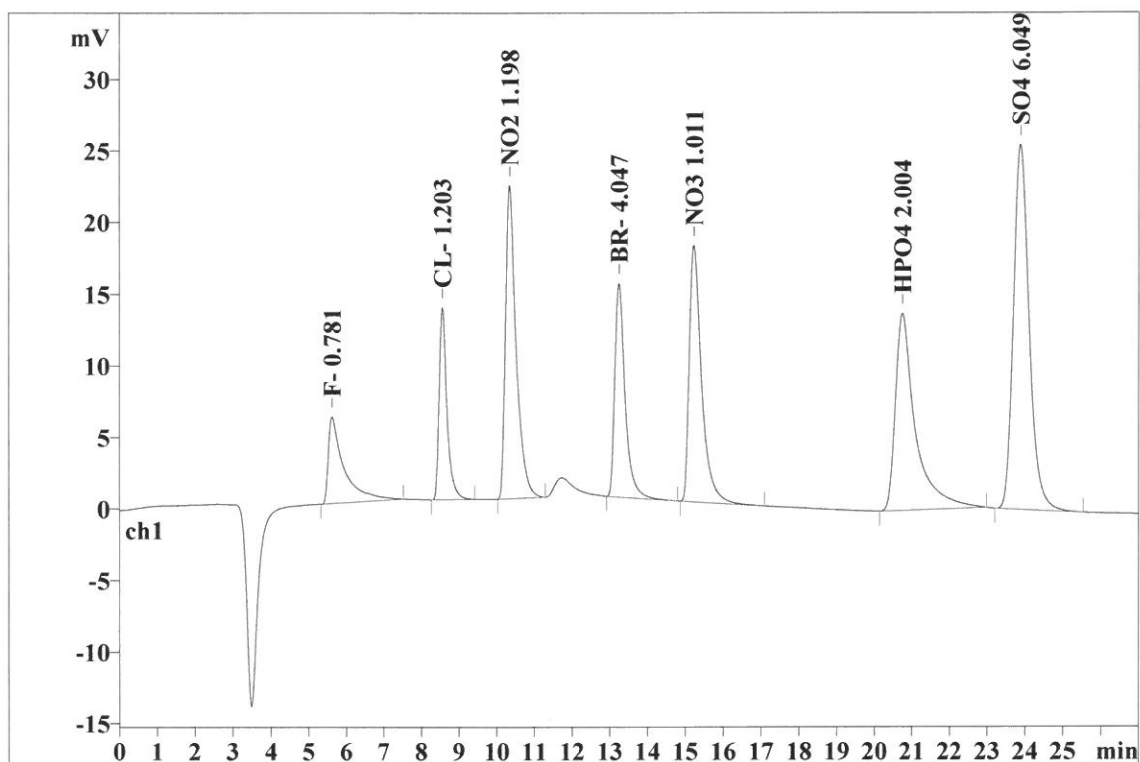
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Analysis from: 5/24/2021 4:18:36 PM  
File: \_2021-05-24\_

Last save: 5/24/2021 9:10:02 PM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27033

Last save: 5/24/2021 6:14:

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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.62             | 0.356          | 6.05         | 5.33        | 176.591        | 6.46      |
| 2  | 8.54             | 0.209          | 13.43        | 11.83       | 195.070        | 7.14      |
| 3  | 10.32            | 0.279          | 21.88        | 19.28       | 425.404        | 15.56     |
| 4  | 13.23            | 0.278          | 14.93        | 13.15       | 286.955        | 10.50     |
| 5  | 15.22            | 0.326          | 17.91        | 15.78       | 404.268        | 14.79     |
| 6  | 20.73            | 0.485          | 13.78        | 12.14       | 511.463        | 18.71     |
| 7  | 23.87            | 0.430          | 25.50        | 22.47       | 733.401        | 26.83     |
| 7  | 27.00            | 0.338          | 113.46       | 99.99       | 2733.151       | 100.00    |

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Report date: 5/25/2021 2:01:03 PM  
Printed by: wet

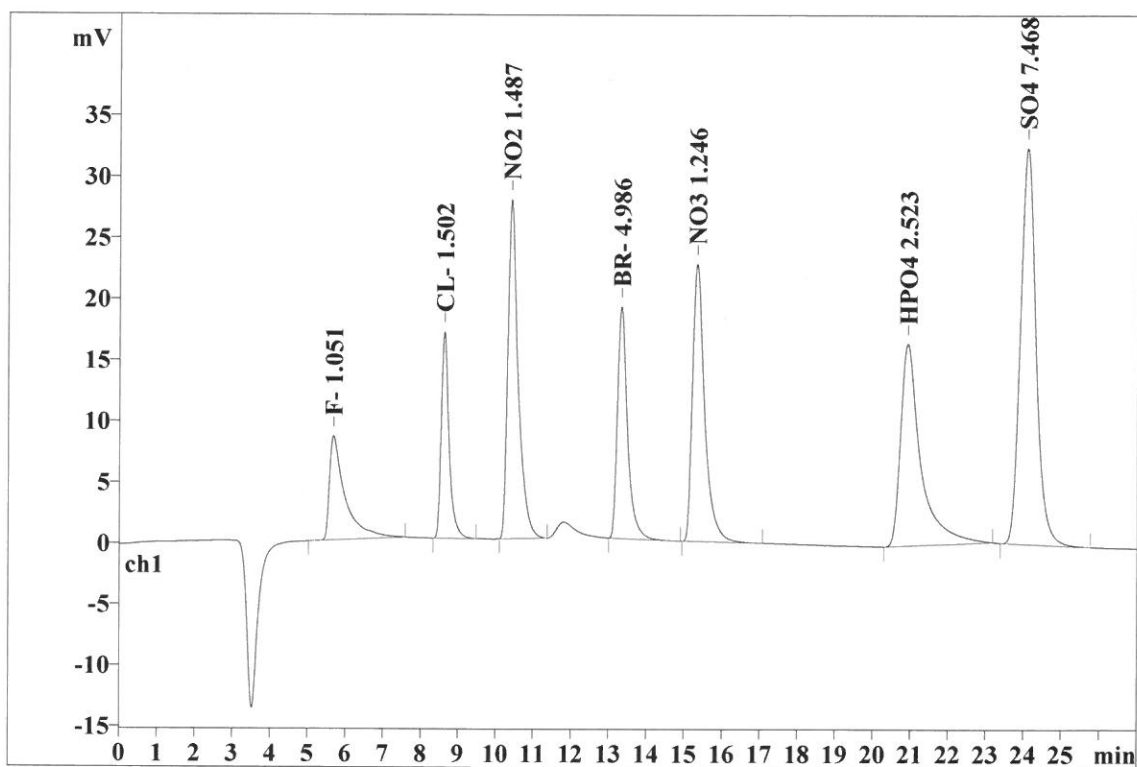
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Analysis from: 5/24/2021 4:48:12 PM  
File: \_2021-05-24\_

Last save: 5/24/2021 9:10:03 PM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27034

Last save: 5/24/2021 6:14:

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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.67             | 0.363          | 8.53         | 5.93        | 244.984        | 7.11      |
| 2  | 8.61             | 0.211          | 16.90        | 11.76       | 247.115        | 7.17      |
| 3  | 10.39            | 0.279          | 27.74        | 19.29       | 538.901        | 15.63     |
| 4  | 13.31            | 0.277          | 18.96        | 13.18       | 360.887        | 10.47     |
| 5  | 15.31            | 0.327          | 22.70        | 15.79       | 510.502        | 14.81     |
| 6  | 20.90            | 0.486          | 16.53        | 11.49       | 614.066        | 17.81     |
| 7  | 24.06            | 0.431          | 32.41        | 22.54       | 931.437        | 27.01     |
| 7  | 27.00            | 0.339          | 143.77       | 100.00      | 3447.892       | 100.00    |

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Report date: 5/25/2021 2:01:09 PM  
Printed by: wet

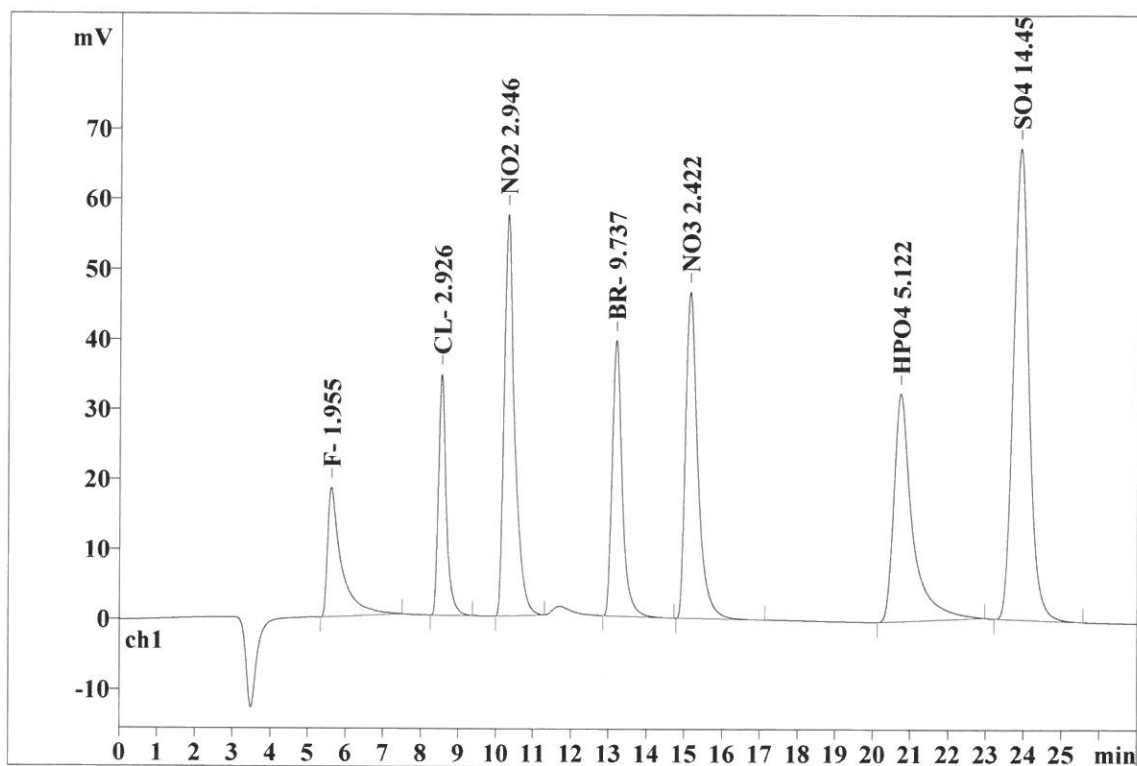
Ident: STD5  
Analysis from: 5/24/2021 5:17:48 PM  
File: \_2021-05-24\_

Last save: 5/24/2021 9:10:03 PM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27035

Last save: 5/24/2021 6:14:

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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.61             | 0.321          | 18.47        | 6.23        | 474.547        | 6.89      |
| 2  | 8.53             | 0.205          | 34.48        | 11.64       | 494.079        | 7.17      |
| 3  | 10.28            | 0.276          | 57.32        | 19.35       | 1111.947       | 16.13     |
| 4  | 13.17            | 0.270          | 39.45        | 13.31       | 735.231        | 10.67     |
| 5  | 15.11            | 0.323          | 46.65        | 15.74       | 1041.035       | 15.11     |
| 6  | 20.71            | 0.460          | 32.57        | 10.99       | 1127.319       | 16.36     |
| 7  | 23.86            | 0.423          | 67.36        | 22.73       | 1907.372       | 27.68     |
| 7  | 27.00            | 0.325          | 296.29       | 100.00      | 6891.530       | 100.00    |

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Report date: 5/25/2021 2:01:16 PM  
Printed by: wet

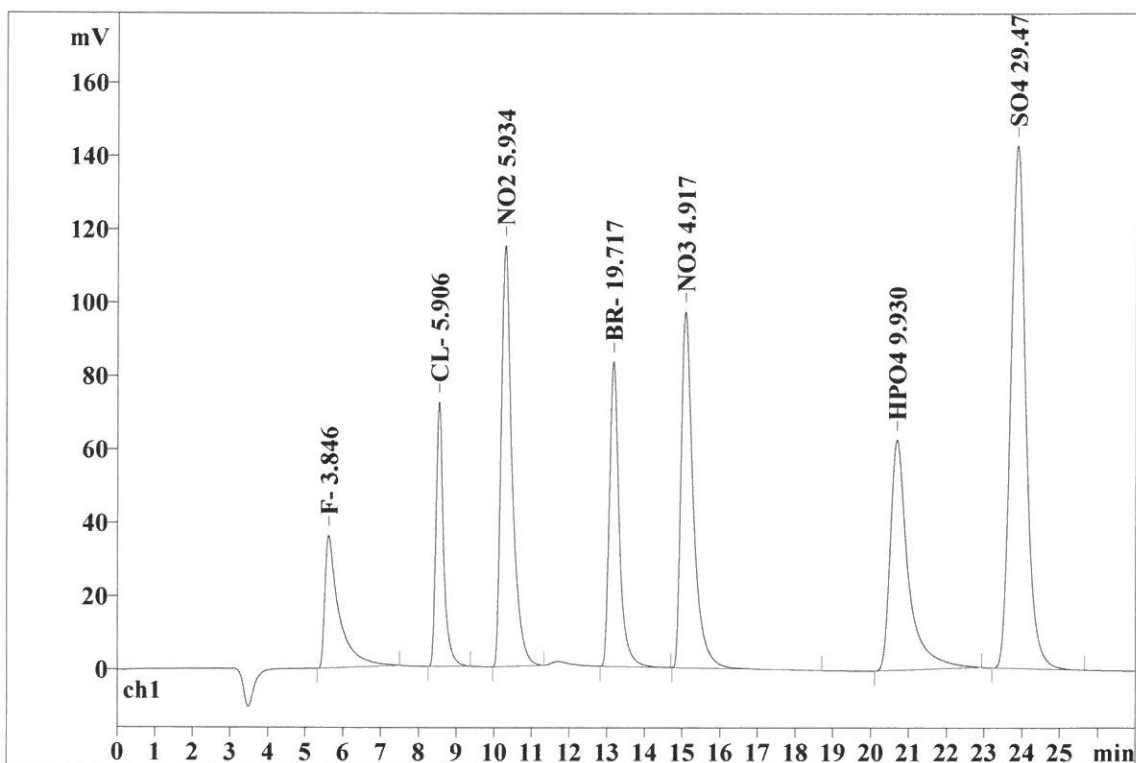
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Last save: 5/24/2021 9:10:03 PM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27036

Last save: 5/24/2021 6:14:

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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.62             | 0.336          | 36.12        | 5.94        | 954.662        | 6.81      |
| 2  | 8.53             | 0.200          | 72.05        | 11.84       | 1011.236       | 7.21      |
| 3  | 10.26            | 0.284          | 114.87       | 18.88       | 2285.250       | 16.30     |
| 4  | 13.15            | 0.264          | 83.09        | 13.65       | 1521.555       | 10.85     |
| 5  | 15.06            | 0.319          | 97.06        | 15.95       | 2166.645       | 15.45     |
| 6  | 20.67            | 0.444          | 62.84        | 10.33       | 2076.930       | 14.81     |
| 7  | 23.83            | 0.419          | 142.53       | 23.42       | 4002.834       | 28.55     |
| 7  | 27.00            | 0.324          | 608.58       | 100.00      | 14019.112      | 100.00    |

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Report date: 5/25/2021 2:01:22 PM  
Printed by: wet

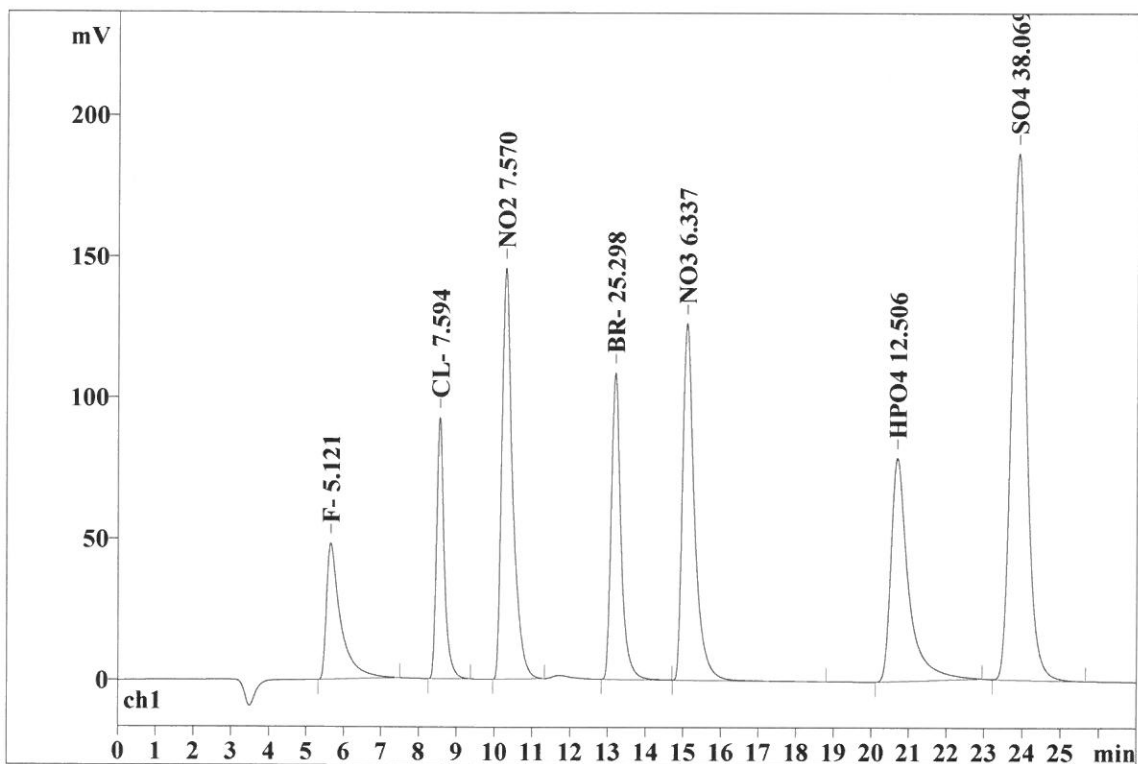
Ident: STD7  
Analysis from: 5/24/2021 6:17:00 PM  
File: \_2021-05-24\_

Last save: 5/24/2021 9:10:03 PM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27037

Last save: 5/24/2021 6:14:

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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.65             | 0.352          | 48.27        | 6.13        | 1278.373       | 7.08      |
| 2  | 8.54             | 0.202          | 92.55        | 11.76       | 1304.131       | 7.22      |
| 3  | 10.27            | 0.291          | 145.72       | 18.51       | 2927.966       | 16.21     |
| 4  | 13.17            | 0.262          | 108.60       | 13.80       | 1961.316       | 10.86     |
| 5  | 15.07            | 0.319          | 126.38       | 16.06       | 2807.271       | 15.54     |
| 6  | 20.67            | 0.443          | 79.04        | 10.04       | 2585.678       | 14.31     |
| 7  | 23.85            | 0.418          | 186.50       | 23.70       | 5202.920       | 28.80     |
| 7  | 27.00            | 0.327          | 787.05       | 100.00      | 18067.655      | 100.00    |

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Date - 5/25/2021

Analyst - AM

| Anion Calibration std - relative error calculations, acceptance limit is -30 to 30 for std 2 and -10 to 10 for other std |            |                |           |            |                |           |            |                |           |            |                |           |            |                |           |            |                |           |
|--------------------------------------------------------------------------------------------------------------------------|------------|----------------|-----------|------------|----------------|-----------|------------|----------------|-----------|------------|----------------|-----------|------------|----------------|-----------|------------|----------------|-----------|
| Parameter                                                                                                                | TV of std2 | Result of std2 | % RE std2 | TV of std3 | Result of std3 | % RE std3 | TV of std4 | Result of std4 | % RE std4 | TV of std5 | Result of std5 | % RE std5 | TV of std6 | Result of std6 | % RE std6 | TV of std7 | Result of std7 | % RE std7 |
| F                                                                                                                        | 0.4        | 0.446          | 11.5      | 0.8        | 0.781          | -2.4      | 1          | 1.051          | 5.1       | 2          | 1.955          | -2.3      | 4          | 3.846          | -3.9      | 5          | 5.121          | 2.4       |
| CL                                                                                                                       | 0.6        | 0.668          | 11.3      | 1.2        | 1.203          | 0.3       | 1.5        | 1.502          | 0.1       | 3          | 2.926          | -2.5      | 6          | 5.906          | -1.6      | 7.5        | 7.594          | 1.3       |
| NO2                                                                                                                      | 0.6        | 0.666          | 11.0      | 1.2        | 1.198          | -0.2      | 1.5        | 1.487          | -0.9      | 3          | 2.946          | -1.8      | 6          | 5.934          | -1.1      | 7.5        | 7.570          | 0.9       |
| BR                                                                                                                       | 2          | 2.215          | 10.8      | 4          | 4.047          | 1.2       | 5          | 4.986          | -0.3      | 10         | 9.737          | -2.6      | 20         | 19.717         | -1.4      | 25         | 25.298         | 1.2       |
| NO3                                                                                                                      | 0.5        | 0.567          | 13.4      | 1          | 1.011          | 1.1       | 1.25       | 1.246          | -0.3      | 2.5        | 2.422          | -3.1      | 5          | 4.917          | -1.7      | 6.25       | 6.337          | 1.4       |
| HPO4                                                                                                                     | 1          | 0.915          | -8.5      | 2          | 2.004          | 0.2       | 2.5        | 2.523          | 0.9       | 5          | 5.122          | 2.4       | 10         | 9.930          | -0.7      | 12.5       | 12.506         | 0.0       |
| SO4                                                                                                                      | 3          | 3.484          | 16.1      | 6          | 6.049          | 0.8       | 7.5        | 7.468          | -0.4      | 15         | 14.459         | -3.6      | 30         | 29.471         | -1.8      | 37.5       | 38.069         | 1.5       |

05/25/2021  
AM

Report date: 5/25/2021 2:01:30 PM  
Printed by: wet

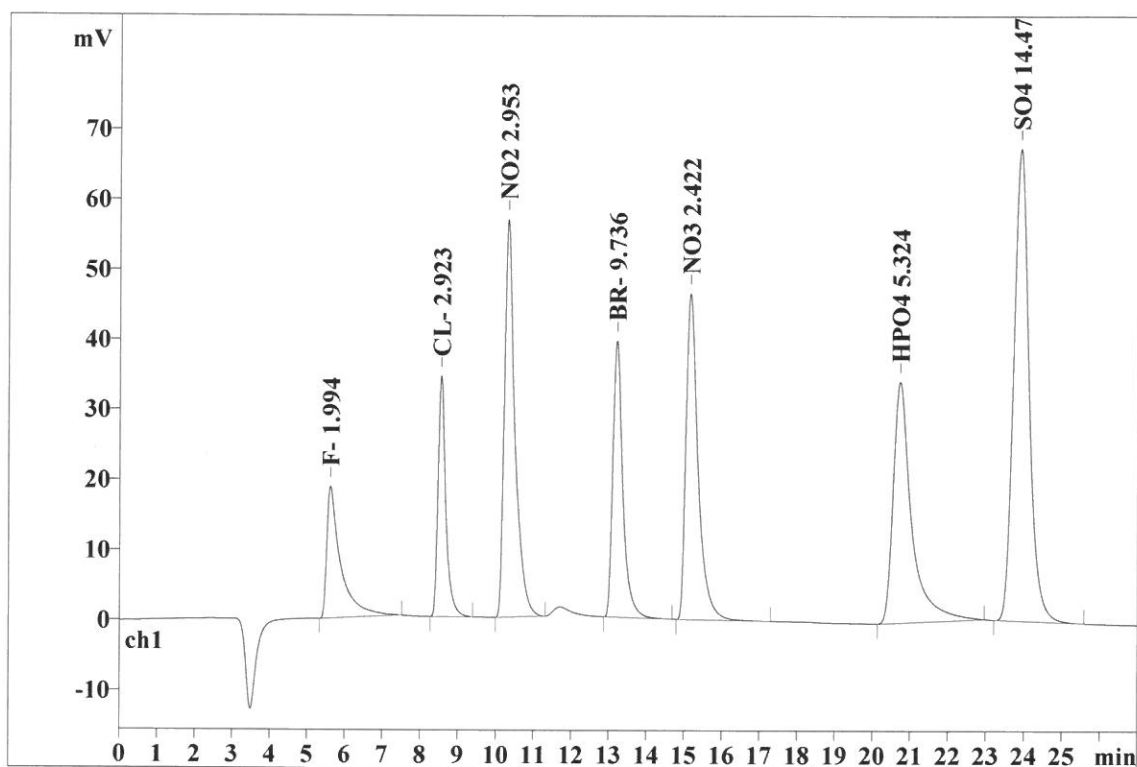
Ident: ICV  
Analysis from: 5/24/2021 6:46:35 PM  
File: \_2021-05-24\_

Last save: 5/24/2021 9:10:03 PM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27038

Last save: 5/24/2021 6:14:

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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.61             | 0.324          | 18.76        | 6.31        | 484.509        | 6.98      |
| 2  | 8.53             | 0.205          | 34.31        | 11.54       | 493.514        | 7.11      |
| 3  | 10.29            | 0.277          | 56.74        | 19.08       | 1114.603       | 16.05     |
| 4  | 13.19            | 0.271          | 39.36        | 13.24       | 735.175        | 10.58     |
| 5  | 15.14            | 0.324          | 46.48        | 15.63       | 1041.118       | 14.99     |
| 6  | 20.70            | 0.454          | 34.33        | 11.54       | 1167.125       | 16.80     |
| 7  | 23.86            | 0.424          | 67.33        | 22.65       | 1909.447       | 27.49     |
| 7  | 27.00            | 0.326          | 297.31       | 100.00      | 6945.490       | 100.00    |

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Report date: 5/25/2021 2:01:38 PM  
Printed by: wet

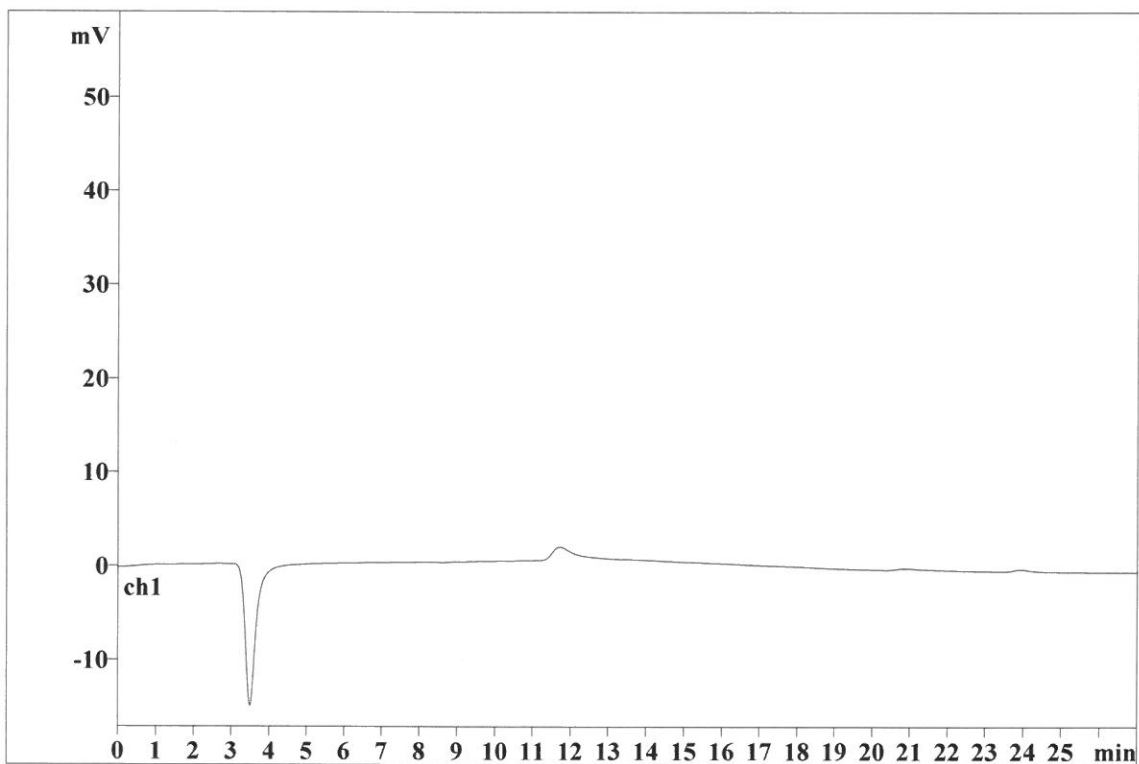
Ident: ICB  
Analysis from: 5/24/2021 7:16:10 PM  
File: \_2021-05-24\_

Last save: 5/24/2021 9:10:03 PM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27039

Last save: 5/24/2021 6:14:

SAMPLE:  
: AM/AP  
Vial number: 10  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

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Report date: 5/26/2021 11:20:35 AM  
Printed by: wet

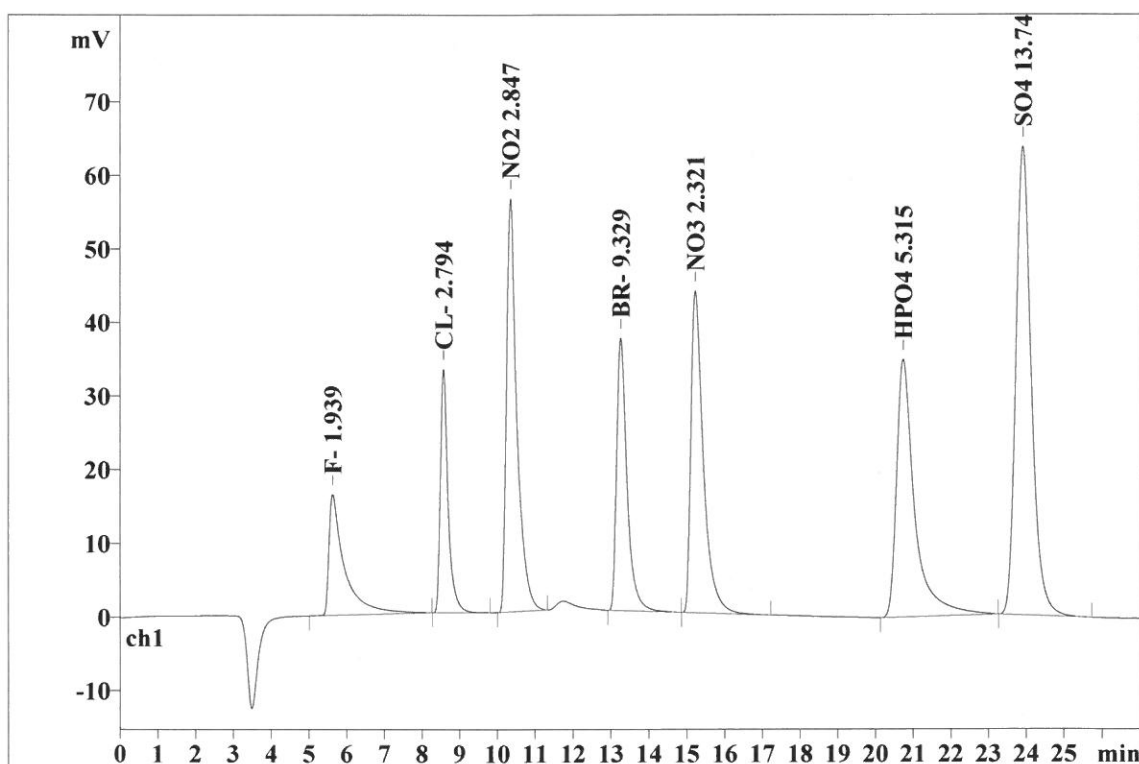
Ident: CCV  
Analysis from: 5/25/2021 2:28:17 PM  
File: \_2021-05-25\_

Last save: 5/25/2021 2:55:17 PM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27064

Last save: 5/25/2021 12:59

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>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.62             | 0.348          | 16.36        | 5.74        | 470.541        | 7.04      |
| 2  | 8.56             | 0.202          | 33.04        | 11.60       | 471.134        | 7.05      |
| 3  | 10.33            | 0.268          | 56.11        | 19.70       | 1072.983       | 16.05     |
| 4  | 13.25            | 0.274          | 36.99        | 12.99       | 703.120        | 10.51     |
| 5  | 15.22            | 0.328          | 43.70        | 15.34       | 995.398        | 14.89     |
| 6  | 20.72            | 0.443          | 34.99        | 12.28       | 1165.475       | 17.43     |
| 7  | 23.89            | 0.424          | 63.66        | 22.35       | 1808.263       | 27.04     |
| 7  | 27.00            | 0.327          | 284.84       | 100.00      | 6686.914       | 100.00    |

This report has been created by IC Net  
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Report date: 5/26/2021 11:20:44 AM  
Printed by: wet

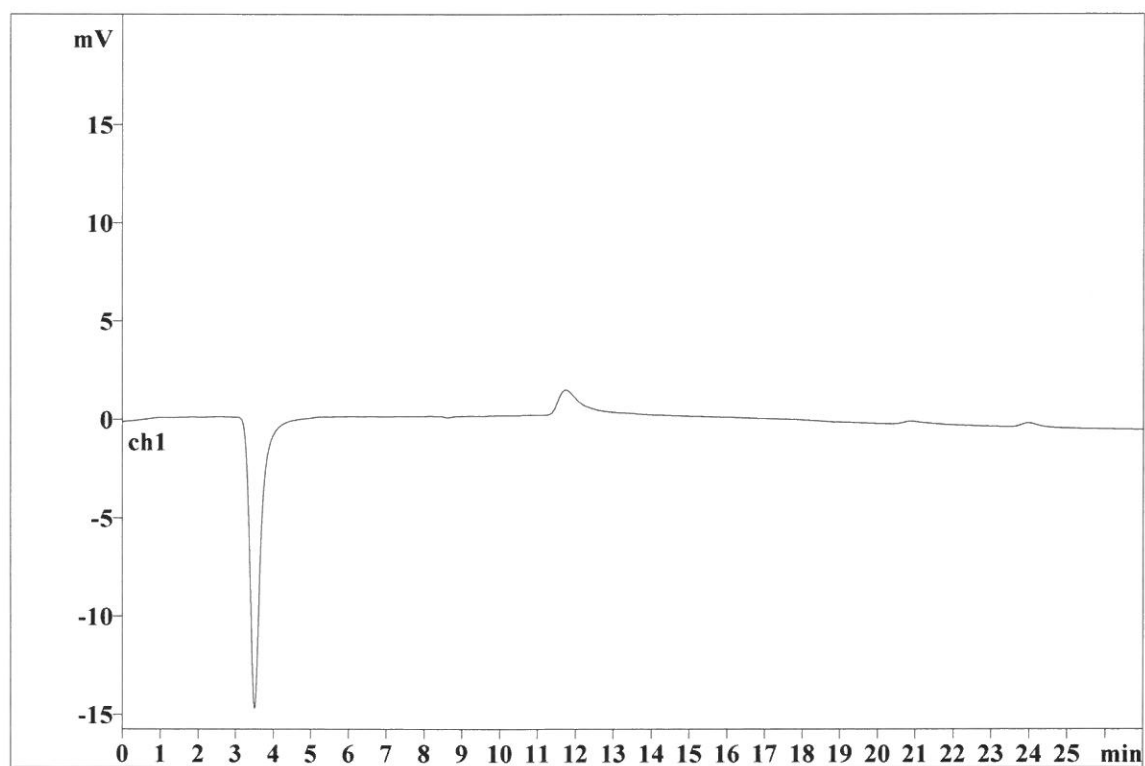
Ident: CCB  
Analysis from: 5/25/2021 2:59:00 PM  
File: \_2021-05-25\_

Last save: 5/25/2021 3:26:01 PM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27065

Last save: 5/25/2021 12:59

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



Quantitation method: Custom

No peaks

This report has been created by IC Net  
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Report date: 5/26/2021 11:20:51 AM  
Printed by: wet

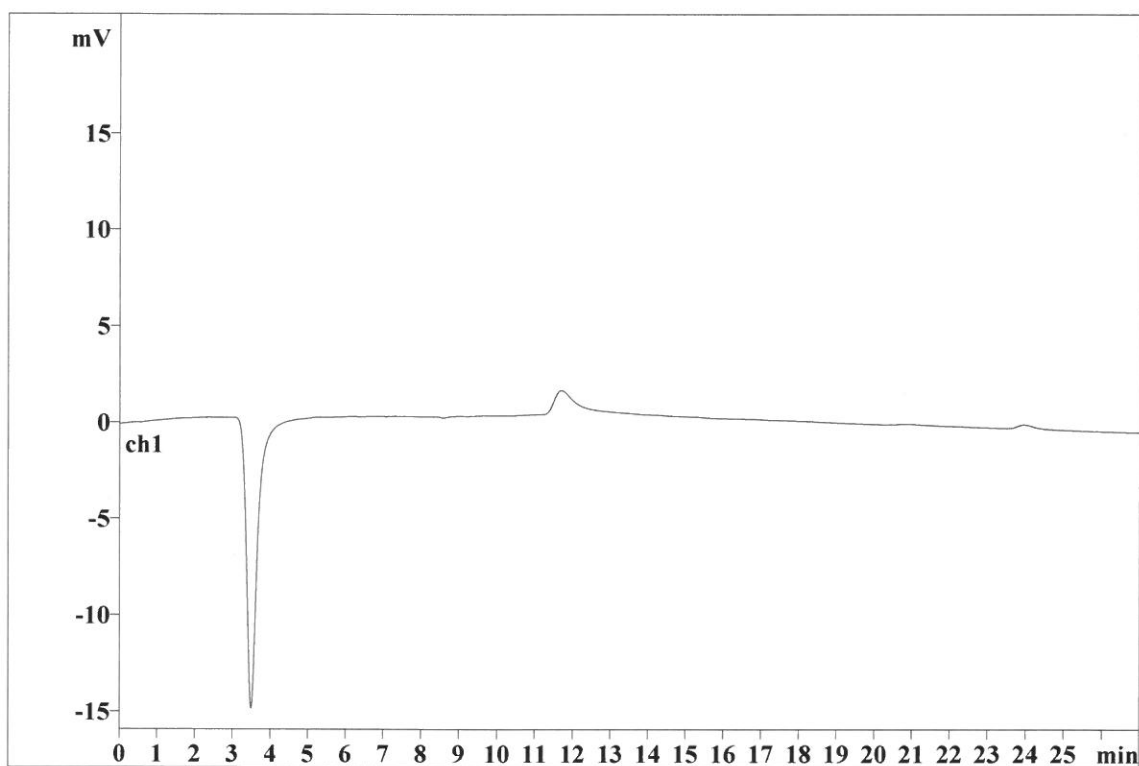
Ident: LB114632BLS  
Analysis from: 5/25/2021 3:28:36 PM  
File: \_2021-05-25\_

Last save: 5/25/2021 4:01:42 PM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27066

Last save: 5/25/2021 12:59

SAMPLE: 5.00g/100mL  
: AM/AP  
Vial number: 13  
Volume: 20.0  $\mu$ L  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

No peaks

This report has been created by IC Net  
METROHM LTD

Report date: 5/26/2021 11:21:00 AM  
Printed by: wet

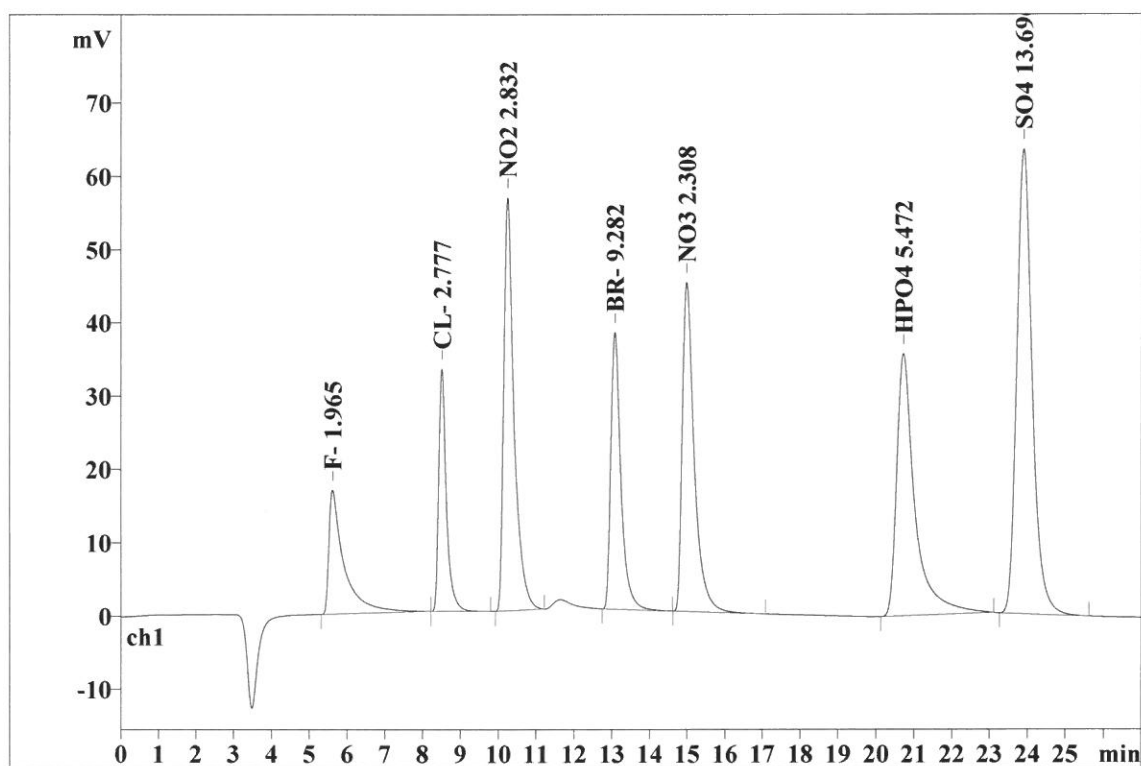
Ident: LB114632BSS  
Analysis from: 5/25/2021 3:58:11 PM  
File: \_2021-05-25\_

Last save: 5/26/2021 11:19:08 AM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27067

Last save: 5/25/2021 12:59

SAMPLE: 5.00g/100mL  
: AM/AP  
Vial number: 14  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.61             | 0.342          | 16.91        | 5.87        | 477.138        | 7.12      |
| 2  | 8.50             | 0.201          | 33.09        | 11.48       | 468.287        | 6.99      |
| 3  | 10.23            | 0.267          | 56.38        | 19.56       | 1067.131       | 15.93     |
| 4  | 13.06            | 0.268          | 37.77        | 13.10       | 699.385        | 10.44     |
| 5  | 14.97            | 0.318          | 44.90        | 15.58       | 989.756        | 14.77     |
| 6  | 20.70            | 0.445          | 35.73        | 12.40       | 1196.485       | 17.86     |
| 7  | 23.88            | 0.424          | 63.40        | 22.00       | 1800.874       | 26.88     |
| 7  | 27.00            | 0.323          | 288.19       | 100.00      | 6699.057       | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 5/26/2021 11:21:12 AM  
Printed by: wet

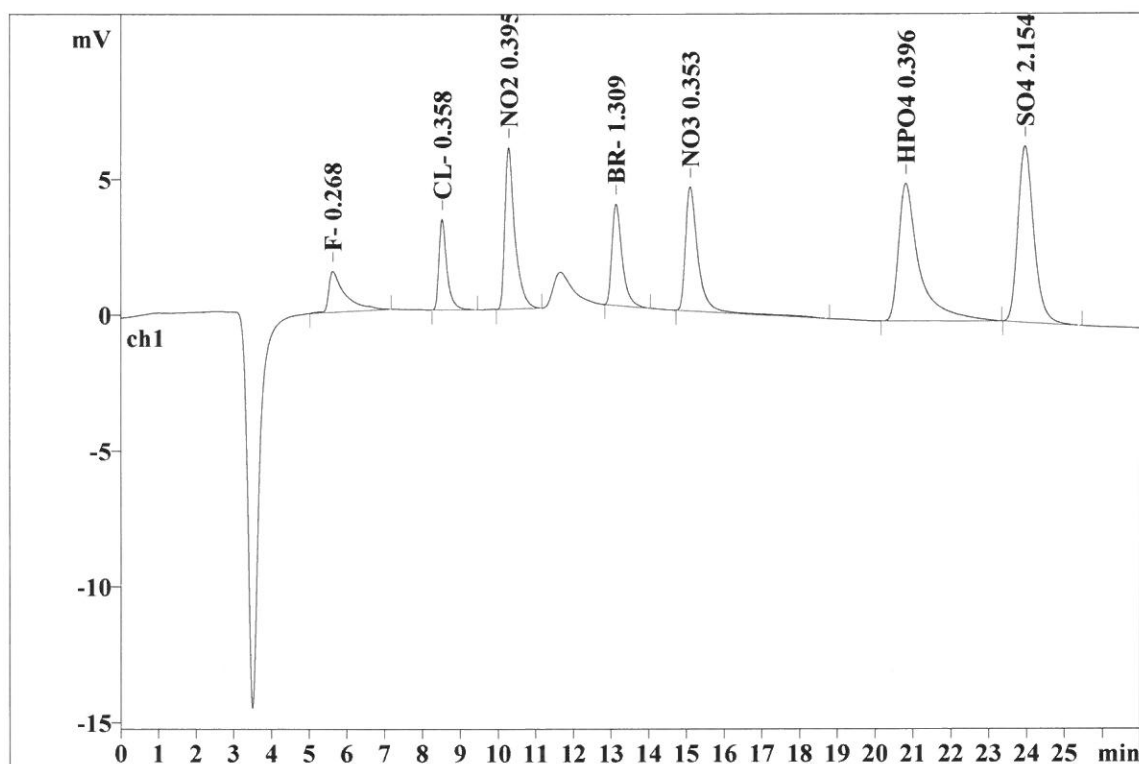
Ident: M1458-01  
Analysis from: 5/25/2021 4:29:24 PM  
File: \_2021-05-25\_

Last save: 5/25/2021 4:56:25 PM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27068

Last save: 5/25/2021 4:01:

SAMPLE: 5.00g/100mL  
: AM/AP  
Vial number: 15  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.62             | 0.389          | 1.50         | 4.90        | 46.275         | 6.03      |
| 2  | 8.50             | 0.207          | 3.34         | 10.88       | 48.542         | 6.32      |
| 3  | 10.25            | 0.261          | 5.96         | 19.43       | 110.101        | 14.35     |
| 4  | 13.11            | 0.280          | 3.73         | 12.16       | 71.166         | 9.27      |
| 5  | 15.08            | 0.324          | 4.57         | 14.89       | 107.676        | 14.03     |
| 6  | 20.79            | 0.491          | 5.07         | 16.53       | 194.021        | 25.28     |
| 7  | 23.94            | 0.437          | 6.50         | 21.19       | 189.725        | 24.72     |
| 7  | 27.00            | 0.341          | 30.68        | 99.97       | 767.505        | 100.00    |

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Report date: 5/26/2021 11:21:29 AM  
Printed by: wet

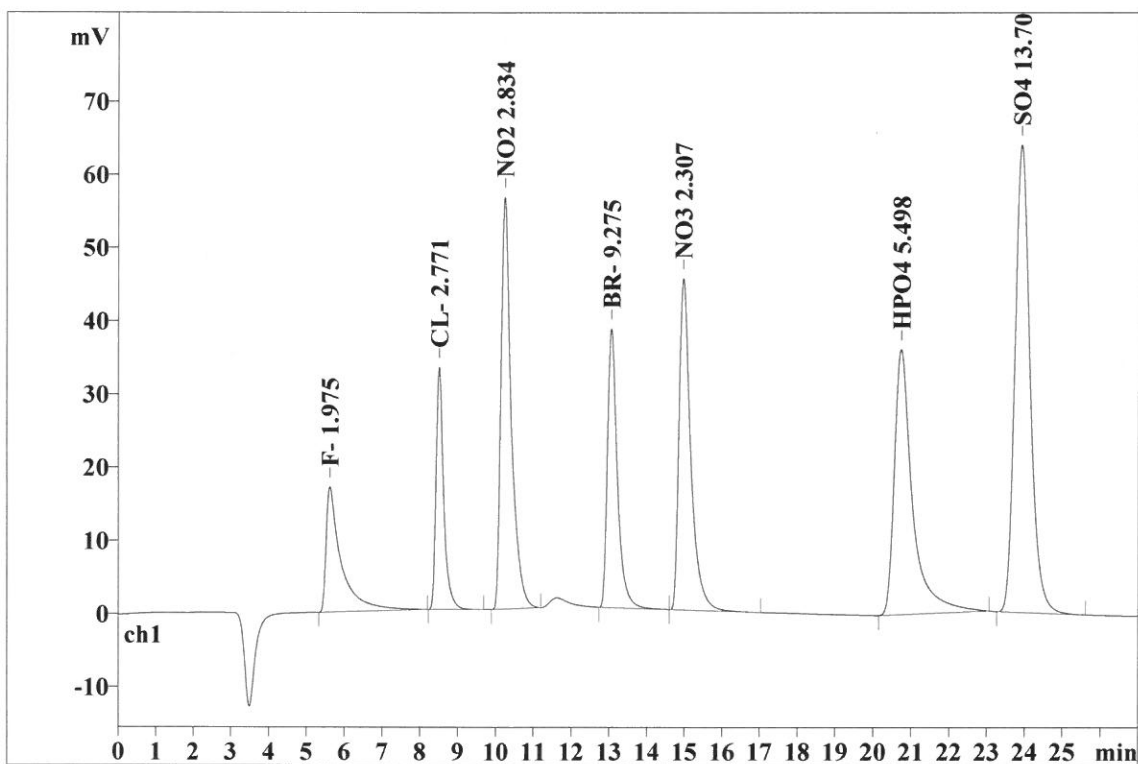
Ident: CCV  
Analysis from: 5/25/2021 5:28:39 PM  
File: \_2021-05-25\_

Last save: 5/26/2021 11:19:51 AM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27070

Last save: 5/25/2021 12:59

SAMPLE:  
: AM/AP  
Vial number: 11  
Volume: 20.0 µL  
Dilution: 1.00  
Amount: 1.0000



Quantitation method: Custom

| No | Retention<br>min | Width/2<br>min | Height<br>mV | Height<br>% | Area<br>mV*sec | Area<br>% |
|----|------------------|----------------|--------------|-------------|----------------|-----------|
| 1  | 5.62             | 0.343          | 17.09        | 5.90        | 479.699        | 7.15      |
| 2  | 8.49             | 0.202          | 33.07        | 11.41       | 467.223        | 6.97      |
| 3  | 10.22            | 0.269          | 56.27        | 19.42       | 1068.154       | 15.93     |
| 4  | 13.05            | 0.267          | 38.06        | 13.13       | 698.807        | 10.42     |
| 5  | 14.96            | 0.317          | 45.22        | 15.61       | 989.072        | 14.75     |
| 6  | 20.72            | 0.444          | 36.20        | 12.49       | 1201.667       | 17.92     |
| 7  | 23.90            | 0.423          | 63.87        | 22.04       | 1801.825       | 26.87     |
| 7  | 27.00            | 0.324          | 289.78       | 100.00      | 6706.447       | 100.00    |

This report has been created by IC Net  
METROHM LTD

Report date: 5/26/2021 11:21:38 AM  
Printed by: wet

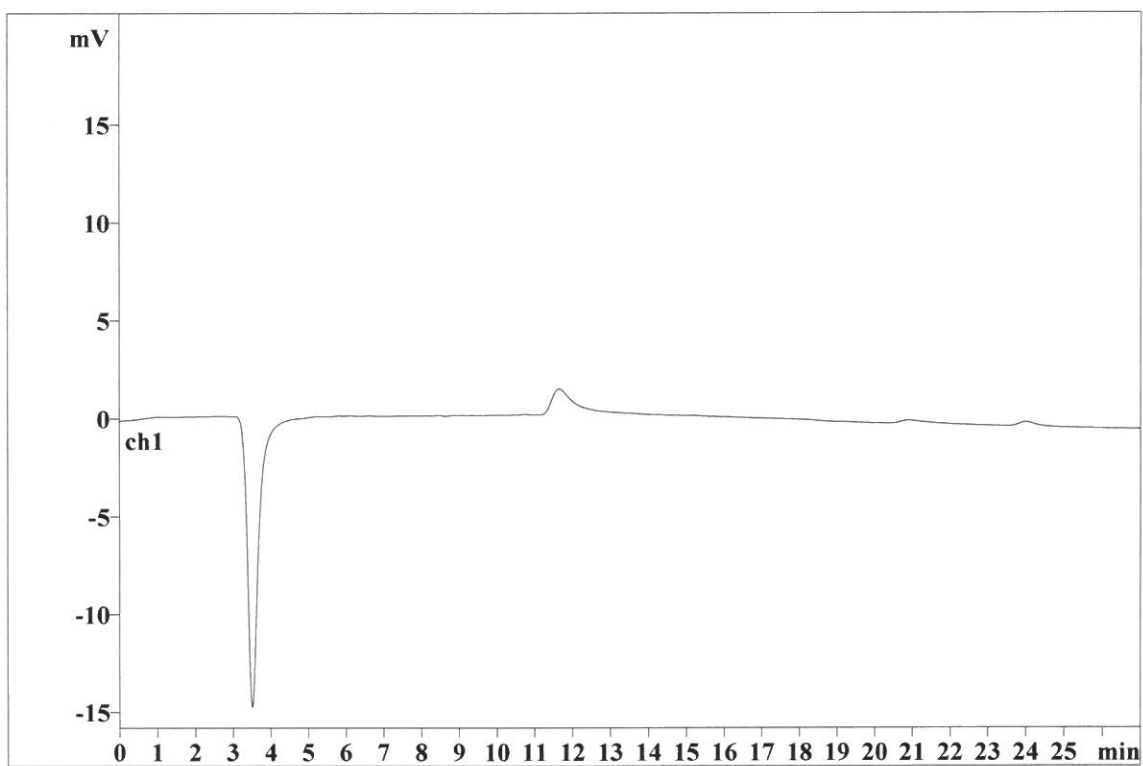
Ident: CCB  
Analysis from: 5/25/2021 5:58:14 PM  
File: \_2021-05-25\_

Last save: 5/25/2021 6:25:14 PM

Method: AnionsIC2-052421.mtw  
Run operator: wet  
Analysis number: 27071

Last save: 5/25/2021 4:01:

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



Quantitation method: Custom

No peaks

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