# Brazoria County Crime Laboratory

## BAC Batch Review Checklist

| **Batch Name:** BAC_20241205_KB | | Analyst Review | Technical Review |
|---|---|---|---|
| **BAC Summary** | Verify batch name, instrument, analyst, UM%, and QC targets | ✓ | ✓ |
| | Verify Cal 1 obtained values and IS area counts | ✓ | ✓ |
| | Verify IS of all QCs and samples fall within acceptable area count range | ✓ | ✓ |
| **BAC Batch Information** | IS/calibrators/QCs lot numbers, expiration dates, and inventory numbers listed | ✓ | ✓ |
| | Confirm standards and/or reagents made in-house are verified | ✓ | ✓ |
| | Pipette(s) listed | ✓ | ✓ |
| **Sequence(s)** | Verify date is consistent with batch date | ✓ | ✓ |
| | Verify method used for all samples is correct, and all pages accounted for | ✓ | ✓ |
| | Reviewer verified, initialed, and dated sequence | ✓ | ✓ |
| **Method** | Verify correct method is included, and all pages accounted for | ✓ | ✓ |
| **Performance Check** | Verify air blank and PC are acceptable | ✓ | ✓ |
| **Calibration Table & Curve** | Verify date is consistent with calibration date, and all pages accounted for | ✓ | ✓ |
| | Verify $R^2$ values are acceptable for ethanol | ✓ | ✓ |
| **Data** | Verify calibrator area counts listed in the calibration table for ethanol | ✓ | ✓ |
| | Verify chromatography, retention time, and symmetry values are acceptable for ethanol | ✓ | ✓ |
| | Verify calibrators and QCs are within acceptable range for ethanol | ✓ | ✓ |
| | Verify all cases listed on BAC summary have data | ✓ | ✓ |
| | Verify barcodes match | ✓ | ✓ |
| **Ethanol Confirmation Worksheet(s)** | Verify aliquot values against data for all case samples | ✓ | ✓ |
| | Verify Reported Result and UM for all case samples | ✓ | ✓ |
| **JTrax** | Verify Reported Result and Reported UM against BAC Confirmation Worksheet(s) for all case samples | ✓ | ✓ |
| Verify QCs were added to QC log | | ✓ | ✓ |
| All comments and/or strikethroughs, if any, initialed | | ✓ | ✓ |
| All printed pages initialed | | ✓ | ✓ |
| Total number of pages | 134 | ✓ | ✓ |

Analyst Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.12.17 13:48:06 -06'00'

Date: 12/17/2024

Technical Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.12.26 13:07:28 -06'00'

Date: 12/26/2024

**Batch Name:** BAC_20241205_KB

## Technical Review Notes

N/A -- 12/26/2024 mh

# BAC Summary Worksheet

| | |
|---|---|
| **Batch Name:** | BAC_20241205_KB |
| **Instrument:** | BAC-2 |
| **Analyst:** | Kayla M. Baylor |
| **UM%:** | 16.17 |
| **Units:** | g/100 mL (unless otherwise stated) |

| | | FID1 | FID2 |
|---|---|---|---|
| **Average Calibrator IS Area Counts** | | 177.7544 | 177.6972 |
| **Acceptance Range** | **Min** | 159.9789 | 159.9275 |
| | **Max** | 195.5298 | 195.4669 |

| Calibrators | Ethanol Obtained Value FID1 | Ethanol Obtained Value FID2 | Ethanol Average | % Difference Average & Target | % Difference FID1 & Average | % Difference FID2 & Average | IS Area Counts FID1 | IS Area Counts FID2 |
|---|---|---|---|---|---|---|---|---|
| **0.010 g/100mL Calibrator** | 0.0103 | 0.0104 | 0.0103 | 3.00 | 0.00 | 0.97 | 180.5720 | 180.8151 |
| **0.025 g/100mL Calibrator** | 0.0248 | 0.0247 | 0.0247 | -1.20 | 0.40 | 0.00 | 176.3088 | 176.3782 |
| **0.050 g/100mL Calibrator** | 0.0493 | 0.0493 | 0.0493 | -1.40 | 0.00 | 0.00 | 177.2168 | 177.2798 |
| **0.100 g/100mL Calibrator** | 0.0980 | 0.0977 | 0.0978 | -2.20 | 0.20 | -0.10 | 180.1495 | 179.9499 |
| **0.200 g/100mL Calibrator** | 0.2013 | 0.2017 | 0.2015 | 0.75 | -0.10 | 0.10 | 172.3042 | 172.0008 |
| **0.400 g/100mL Calibrator** | 0.3994 | 0.3993 | 0.3993 | -0.18 | 0.03 | 0.00 | 179.9579 | 179.8313 |
| **0.500 g/100mL Calibrator** | 0.5020 | 0.5020 | 0.5020 | 0.40 | 0.00 | 0.00 | 177.7713 | 177.6251 |

| | | Target | Acceptance Range Min | Acceptance Range Max |
|---|---|---|---|---|
| **Calibrators** | **Level 1** | 0.0100 | 0.0090 | 0.0110 |
| | **Level 2** | 0.0250 | 0.0225 | 0.0275 |
| | **Level 3** | 0.0500 | 0.0450 | 0.0550 |
| | **Level 4** | 0.1000 | 0.0950 | 0.1050 |
| | **Level 5** | 0.2000 | 0.1900 | 0.2100 |
| | **Level 6** | 0.4000 | 0.3800 | 0.4200 |
| | **Level 7** | 0.5000 | 0.4750 | 0.5250 |

| Controls | Ethanol Obtained Value FID1 | Ethanol Obtained Value FID2 | Ethanol Average | % Difference Average & Target | % Difference FID1 & Average | % Difference FID2 & Average | IS Area Counts FID1 | IS Area Counts FID2 |
|---|---|---|---|---|---|---|---|---|
| **Negative** | 0.0000 | 0.0000 | 0.0000 | - | - | - | 178.4898 | 178.4878 |
| **High QC** | 0.3984 | 0.3973 | 0.3978 | -0.55 | 0.15 | -0.13 | 176.3078 | 176.4879 |
| **Low QC** | 0.0794 | 0.0791 | 0.0792 | -1.00 | 0.25 | -0.13 | 179.6452 | 179.4996 |
| **Blood QC A** | 0.0754 | 0.0753 | 0.0753 | -4.44 | 0.13 | 0.00 | 181.7513 | 181.7583 |
| **Blood QC B** | 0.1946 | 0.1957 | 0.1951 | 1.77 | -0.26 | 0.31 | 179.9385 | 178.7592 |
| **Blood QC A** | 0.0759 | 0.0768 | 0.0763 | -3.17 | -0.52 | 0.66 | 176.9962 | 175.2235 |
| **Blood QC B** | 0.1926 | 0.1921 | 0.1923 | 0.31 | 0.16 | -0.10 | 175.2775 | 174.8338 |
| **Blood QC A** | 0.0793 | 0.0797 | 0.0795 | 0.89 | -0.25 | 0.25 | 171.9969 | 170.8248 |
| **Blood QC B** | 0.1911 | 0.1920 | 0.1915 | -0.10 | -0.21 | 0.26 | 171.5526 | 170.4832 |
| **Blood QC A** | 0.0808 | 0.0815 | 0.0811 | 2.92 | -0.37 | 0.49 | 175.0127 | 173.0611 |
| **High QC** | 0.4049 | 0.4068 | 0.4058 | 1.45 | -0.22 | 0.25 | 175.4316 | 174.2079 |
| **Low QC** | 0.0809 | 0.0811 | 0.0810 | 1.25 | -0.12 | 0.12 | 174.2803 | 172.3478 |
| **DI Water** | 0.0000 | 0.0000 | 0.0000 | - | - | - | 173.4168 | 171.7364 |

| | | Target | Acceptance Range Min | Acceptance Range Max |
|---|---|---|---|---|
| **Controls** | **High QC** | 0.4000 | 0.3800 | 0.4200 |
| | **Low QC** | 0.0800 | 0.0760 | 0.0840 |
| | **Blood QC A** | 0.0788 | 0.0749 | 0.0827 |
| | **Blood QC B** | 0.1917 | 0.1821 | 0.2013 |
| | | | | |
| | | | | |

| | Lab Number | Ethanol Obtained Value Alq1 FID1 | Ethanol Obtained Value Alq1 FID2 | Ethanol Obtained Value Alq2 FID1 | Ethanol Obtained Value Alq2 FID2 | Result | UM | % Difference FID & Average Alq1 FID1 | % Difference FID & Average Alq1 FID2 | % Difference FID & Average Alq 2 FID1 | % Difference FID & Average Alq2 FID2 | IS Area Counts Alq1 FID1 | IS Area Counts Alq1 FID2 | IS Area Counts Alq2 FID1 | IS Area Counts Alq2 FID2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | BCCL-24-1968 001_001 | 0.2877 | 0.2878 | 0.2994 | 0.3021 | 0.294 | 0.048 | -2.23 | -2.19 | 1.75 | 2.67 | 185.3954 | 184.2363 | 184.3915 | 182.1552 |
| 2 | **BCCL-24-2125 001_001** | 0.0852 | 0.0849 | 0.0886 | 0.0895 | 0.087 | 0.014 | -2.13 | -2.47 | 1.78 | 2.81 | 183.0778 | 182.4710 | 184.0806 | 182.3887 |
| 3 | BCCL-24-2129 001_001 | 0.1589 | 0.1587 | 0.1675 | 0.1687 | 0.163 | 0.026 | -2.78 | -2.91 | 2.48 | 3.21 | 178.2043 | 178.0317 | 180.5316 | 179.0415 |
| 4 | BCCL-24-2134 001_001 | 0.0964 | 0.0964 | 0.1034 | 0.1040 | 0.100 | 0.016 | -3.65 | -3.65 | 3.35 | 3.95 | 181.0461 | 180.6233 | 177.6213 | 175.9958 |
| 5 | BCCL-24-2135 001_001 | 0.1256 | 0.1260 | 0.1207 | 0.1213 | 0.123 | 0.020 | 1.78 | 2.11 | -2.19 | -1.70 | 177.2604 | 176.4642 | 176.6551 | 175.1402 |
| 6 | **BCCL-24-2136 001_001** | 0.0000 | 0.0000 | 0.0000 | 0.0000 | none detected | | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | 176.7761 | 176.4190 | 171.9823 | 170.6163 |
| 7 | **BCCL-24-2138 001_001** | 0.0000 | 0.0000 | 0.0000 | 0.0000 | none detected | | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | 178.4918 | 177.6322 | 177.4234 | 175.7886 |
| 8 | **BCCL-24-2139 001_001** | 0.0705 | 0.0707 | 0.0712 | 0.0716 | 0.071 | 0.011 | -0.70 | -0.42 | 0.28 | 0.85 | 172.0070 | 171.2254 | 176.5275 | 175.0539 |
| 9 | BCCL-24-2155 001_001 | 0.1324 | 0.1323 | 0.1357 | 0.1356 | 0.134 | 0.022 | -1.19 | -1.27 | 1.27 | 1.19 | 175.8750 | 175.4793 | 177.8912 | 177.5518 |
| 10 | BCCL-24-2156 001_001 | 0.2778 | 0.2806 | 0.2713 | 0.2730 | 0.275 | 0.044 | 0.77 | 1.79 | -1.59 | -0.97 | 181.1756 | 179.4250 | 184.3005 | 183.0740 |
| 11 | **BCCL-24-2177 001_001** | 0.0129 | 0.0132 | 0.0132 | 0.0135 | 0.013 | 0.002 | -2.27 | 0.00 | 0.00 | 2.27 | 178.1030 | 177.4329 | 173.9027 | 173.2462 |
| 12 | BCCL-24-2178 001_001 | 0.2188 | 0.2199 | 0.2278 | 0.2288 | 0.223 | 0.036 | -2.25 | -1.75 | 1.78 | 2.22 | 174.0687 | 172.8911 | 184.6650 | 183.7579 |
| 13 | BCCL-24-2179 001_001 | 0.1061 | 0.1055 | 0.1108 | 0.1118 | 0.108 | 0.017 | -2.26 | -2.81 | 2.07 | 2.99 | 174.7405 | 174.3951 | 186.5643 | 185.3083 |
| 14 | **BCCL-24-2180 005_001** | 0.0111 | 0.0112 | 0.0108 | 0.0109 | 0.011 | 0.002 | 0.91 | 1.82 | -1.82 | -0.91 | 177.9066 | 176.9174 | 180.1919 | 179.0340 |
| 15 | BCCL-24-2181 001_001 | 0.1513 | 0.1510 | 0.1511 | 0.1512 | 0.151 | 0.024 | 0.10 | -0.10 | -0.03 | 0.03 | 167.7490 | 167.2361 | 177.4642 | 176.5271 |
| 16 | BCCL-24-2189 001_001 | 0.1365 | 0.1367 | 0.1387 | 0.1387 | 0.137 | 0.022 | -0.84 | -0.69 | 0.76 | 0.76 | 176.2121 | 175.3504 | 180.2423 | 179.1217 |
| 17 | **BCCL-24-2203 001_001** | 0.0759 | 0.0759 | 0.0739 | 0.0743 | 0.075 | 0.012 | 1.20 | 1.20 | -1.47 | -0.93 | 173.7563 | 173.2374 | 175.5594 | 174.6857 |
| 18 | BCCL-24-2205 001_001 | 0.2047 | 0.2066 | 0.2045 | 0.2069 | 0.205 | 0.033 | -0.47 | 0.45 | -0.57 | 0.60 | 185.7828 | 184.1802 | 173.3581 | 171.4009 |
| 19 | BCCL-24-2206 002_001 | 0.1262 | 0.1272 | 0.1272 | 0.1273 | 0.126 | 0.020 | -0.61 | 0.18 | 0.18 | 0.26 | 182.5922 | 181.4158 | 174.4965 | 173.7222 |
| 20 | BCCL-24-2207 001_001 | 0.2664 | 0.2687 | 0.2566 | 0.2578 | 0.262 | 0.042 | 1.53 | 2.41 | -2.20 | -1.74 | 182.3185 | 180.8130 | 182.2598 | 181.3146 |
| 21 | BCCL-24-2213 001_001 | 0.1731 | 0.1751 | 0.1694 | 0.1710 | 0.172 | 0.028 | 0.55 | 1.71 | -1.60 | -0.67 | 183.0570 | 181.3008 | 180.4007 | 178.5142 |
| 22 | BCCL-24-2215 001_001 | 0.2205 | 0.2219 | 0.2112 | 0.2120 | 0.216 | 0.035 | 1.89 | 2.54 | -2.40 | -2.03 | 181.7265 | 180.2877 | 181.8226 | 180.8408 |
| 23 | BCCL-24-2216 001_001 | 0.1780 | 0.1789 | 0.1901 | 0.1916 | 0.184 | 0.030 | -3.60 | -3.11 | 2.95 | 3.76 | 178.6618 | 177.4854 | 177.3346 | 175.7935 |
| 24 | **BCCL-24-2217 004_001** | 0.0685 | 0.0686 | 0.0688 | 0.0689 | 0.068 | 0.011 | -0.29 | -0.15 | 0.15 | 0.29 | 176.8375 | 176.0002 | 179.7412 | 178.8676 |
| 25 | BCCL-24-2221 001_001 | 0.2496 | 0.2496 | 0.2521 | 0.2530 | 0.251 | 0.041 | -0.59 | -0.59 | 0.41 | 0.77 | 176.1313 | 175.4615 | 176.6066 | 175.7229 |
| 26 | BCCL-24-2227 001_001 | 0.1494 | 0.1502 | 0.1452 | 0.1460 | 0.147 | 0.024 | 1.15 | 1.69 | -1.69 | -1.15 | 177.4874 | 177.0655 | 175.3084 | 174.9222 |
| 27 | BCCL-24-2231 001_001 | 0.1662 | 0.1667 | 0.1741 | 0.1742 | 0.170 | 0.027 | -2.41 | -2.11 | 2.23 | 2.29 | 166.0957 | 165.0015 | 177.4100 | 176.5688 |

Kayla M. Baylor

Digitally signed by Kayla M. Baylor
Date: 2024.12.17 13:47:07 -06'00'

# Brazoria County Crime Lab

## BAC Batch Information

Batch Name: BAC-20241205-KB Analyst: Kayla M. Baylor Instrument: BAC-2

| | Lot: | Expiration: | Inventory Number: |
|---|---|---|---|
| Cal 1 | FN12272201 | 2/29/2028 | S-23-5008N |
| Cal 2 | FN03122112 | 3/31/2026 | S-23-5009C |
| Cal 3 | FN03172301 | 3/31/2028 | S-23-5010F |
| Cal 4 | FN03072301 | 3/31/2028 | S-23-5011F |
| Cal 5 | FN03132302 | 3/31/2028 | S-23-5012E |
| Cal 6 | FN03052102 | 3/31/2026 | S-23-5013D |
| Cal 7 | FN0626 2004 | 7/31/2025 | S-23-5014G |
| High QC | 30012020-A | 1/31/2025 | S-23-5015H |
| Low QC | 517757 | 6/21/2025 | S-24-5001H |
| Blood QC A | 2401241 | 2/28/2028 | S-24-5002E |
| Blood QC B | 2302170 | 5/31/2027 | S-24-5003E |
| Internal Standard | N/A | 3/4/2025 | R-24-5006 |
| Pipette(s) | 5053, 205L | | |

Comments:



KB

BAC-20241205-KB

# BCCL ANALYTICAL WORKLIST

**ANALYST: Kayla Baylor**

**Worklist ID: X6VBXWPP8AF5SJ**

| Case # | Evid # | Evid Type | Service |
|---|---|---|---|
| BCCL-24-1968 | 001_001 | Blood | Alcohol |
| | 001_002 | Blood | Alcohol |
| BCCL-24-2125 | 001_001 | Blood | Alcohol |
| BCCL-24-2129 | 001_001 | Blood | Alcohol |
| BCCL-24-2134 | 001_001 | Blood | Alcohol |
| BCCL-24-2135 | 001_001 | Blood | Alcohol |
| BCCL-24-2136 | 001_001 | Blood | Alcohol |
| BCCL-24-2138 | 001_001 | Blood | Alcohol |
| BCCL-24-2139 | 001_001 | Blood | Alcohol |
| BCCL-24-2155 | 001_001 | Blood | Alcohol |
| BCCL-24-2156 | 001_001 | Blood | Alcohol |
| BCCL-24-2177 | 001_001 | Blood | Alcohol |
| BCCL-24-2178 | 001_001 | Blood | Alcohol |
| BCCL-24-2179 | 001_001 | Blood | Alcohol |

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BAC-20241205-KB

| Case # | Evid # | Evid Type | Service |
|---|---|---|---|
| BCCL-24-2180 | 005_001 | Blood | Alcohol |
| BCCL-24-2181 | 001_001 | Blood | Alcohol |
| BCCL-24-2189 | 001_001 | Blood | Alcohol |
| BCCL-24-2203 | 001_001 | Blood | Alcohol |
| BCCL-24-2205 | 001_001 | Blood | Alcohol |
| BCCL-24-2206 | 002_001 | Blood | Alcohol |
| BCCL-24-2207 | 001_001 | Blood | Alcohol |
| BCCL-24-2213 | 001_001 | Blood | Alcohol |
| BCCL-24-2215 | 001_001 | Blood | Alcohol |
| BCCL-24-2216 | 001_001 | Blood | Alcohol |
| BCCL-24-2217 | 004_001 | Blood | Alcohol |
| BCCL-24-2221 | 001_001 | Blood | Alcohol |
| BCCL-24-2227 | 001_001 | Blood | Alcohol |
| BCCL-24-2231 | 001_001 | Blood | Alcohol |

KB

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SEQUENCE PARAMETERS

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Sequence : C:\CHEM32\2\SEQUENCE\2024\BAC_20241205_KB.S
Operator : Kayla M. Baylor
Data File Naming : Auto
Data Directory : C:\Chem32\2\Data\
Data Subdirectory : 2024
Barcode Reader : used in Sequence
Barcode option : On barcode mismatch inject anyway
Shutdown Cmd/Macro : LOADMETHOD "C:\Chem32\1\methods\", "shutdown.M"
Sequence Comment :
Part of Methods to run: According to Runtime Checklist
Update Master Method (Data Analysis parameters): No

sequence verified
12/5/2024 mh

SEQUENCE TABLE:

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Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (24-2542)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 1
Update RF : Replace
Update RT : Replace

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Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (24-2543)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 2
Update RF : Replace
Update RT : Replace

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Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (24-2544)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 3
Update RF : Replace
Update RT : Replace

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KB

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Line                : 4
Location            : 4
Sample Information  :
Sample Name         : 0.100 g/100mL Cal (24-2545)
Method Name         : BAC
Sample Type         : Calibration
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Calibration Level   : 4
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 5
Location            : 5
Sample Information  :
Sample Name         : 0.200 g/100mL Cal (24-2546)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 5
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 6
Location            : 6
Sample Information  :
Sample Name         : 0.400 g/100mL Cal (24-2547)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 6
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 7
Location            : 7
Sample Information  :
Sample Name         : 0.500 g/100mL Cal (24-2548)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 7
Update RF           : Replace
Update RT           : Replace
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Line                : 8
Location            : 8
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Sample Information :
Sample Name : Negative (24-2549)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-2550)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :
Sample Name : Low QC (24-2551)
Method Name : BAC
Sample Type : Sample

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Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-2552)
Method Name : BAC
Sample Type : Sample

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Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-24-1968 001_001 (24-2553)
Method Name : BAC
Sample Type : Sample

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Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-24-2125 001_001 (24-2554)
Method Name : BAC
Sample Type : Sample

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Line : 14
Location : 14

KB

Sample Information : Alq 1
Sample Name : BCCL-24-2129 001_001 (24-2555)
Method Name : BAC
Sample Type : Sample

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Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-24-2134 001_001 (24-2556)
Method Name : BAC
Sample Type : Sample

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Line : 16
Location : 16
Sample Information : Alq 1
Sample Name : BCCL-24-2135 001_001 (24-2557)
Method Name : BAC
Sample Type : Sample

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Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-24-2136 001_001 (24-2558)
Method Name : BAC
Sample Type : Sample

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Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-24-2138 001_001 (24-2559)
Method Name : BAC
Sample Type : Sample

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Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-24-2139 001_001 (24-2560)
Method Name : BAC
Sample Type : Sample

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Line : 20
Location : 20

KB

Sample Information : Alq 1
Sample Name : BCCL-24-2155 001_001 (24-2561)
Method Name : BAC
Sample Type : Sample

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Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-24-2156 001_001 (24-2562)
Method Name : BAC
Sample Type : Sample

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Line : 22
Location : 22
Sample Information :
Sample Name : Blood QC B (24-2563)
Method Name : BAC
Sample Type : Sample

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Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-24-2177 001_001 (24-2564)
Method Name : BAC
Sample Type : Sample

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Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-24-2178 001_001 (24-2565)
Method Name : BAC
Sample Type : Sample

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Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-24-2179 001_001 (24-2566)
Method Name : BAC
Sample Type : Sample

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Line : 26
Location : 26

KB

Sample Information : Alq 1
Sample Name : BCCL-24-2180 005_001 (24-2567)
Method Name : BAC
Sample Type : Sample

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Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-24-2181 001_001 (24-2568)
Method Name : BAC
Sample Type : Sample

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Line : 28
Location : 28
Sample Information : Alq 1
Sample Name : BCCL-24-2189 001_001 (24-2569)
Method Name : BAC
Sample Type : Sample

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Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-24-2203 001_001 (24-2570)
Method Name : BAC
Sample Type : Sample

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Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-24-2205 001_001 (24-2571)
Method Name : BAC
Sample Type : Sample

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Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-24-2206 002_001 (24-2572)
Method Name : BAC
Sample Type : Sample

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Line : 32
Location : 32

KB

Sample Information : Alq 1
Sample Name : BCCL-24-2207 001_001 (24-2573)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-2574)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 34
Location : 34
Sample Information : Alq 1
Sample Name : BCCL-24-2213 001_001 (24-2575)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 35
Location : 35
Sample Information : Alq 1
Sample Name : BCCL-24-2215 001_001 (24-2576)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 36
Location : 36
Sample Information : Alq 1
Sample Name : BCCL-24-2216 001_001 (24-2577)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 37
Location : 37
Sample Information : Alq 1
Sample Name : BCCL-24-2217 004_001 (24-2578)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 38
Location : 38

KB

Sample Information : Alq 1
Sample Name : BCCL-24-2221 001_001 (24-2579)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 39
Location : 39
Sample Information : Alq 1
Sample Name : BCCL-24-2227 001_001 (24-2580)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 40
Location : 40
Sample Information : Alq 1
Sample Name : BCCL-24-2231 001_001 (24-2581)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 41
Location : 41
Sample Information :
Sample Name : Blood QC B (24-2582)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : BCCL-24-2231 001_001 (24-2583)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : BCCL-24-2227 001_001 (24-2584)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 44
Location : 44

KB

Sample Information : Alq 2
Sample Name : BCCL-24-2221 001_001 (24-2585)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-24-2217 004_001 (24-2586)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 46
Location : 46
Sample Information : Alq 2
Sample Name : BCCL-24-2216 001_001 (24-2587)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-2215 001_001 (24-2588)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-2213 001_001 (24-2589)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 49
Location : 49
Sample Information :
Sample Name : Blood QC A (24-2590)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 50
Location : 50

KB

Sample Information : Alq 2
Sample Name : BCCL-24-2207 001_001 (24-2591)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-24-2206 002_001 (24-2592)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 52
Location : 52
Sample Information : Alq 2
Sample Name : BCCL-24-2205 001_001 (24-2593)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-24-2203 001_001 (24-2594)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-24-2189 001_001 (24-2595)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 55
Location : 55
Sample Information : Alq 2
Sample Name : BCCL-24-2181 001_001 (24-2596)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 56
Location : 56

KB

Sample Information : Alq 2
Sample Name : BCCL-24-2180 005_001 (24-2597)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 57
Location : 57
Sample Information : Alq 2
Sample Name : BCCL-24-2179 001_001 (24-2598)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 58
Location : 58
Sample Information : Alq 2
Sample Name : BCCL-24-2178 001_001 (24-2599)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 59
Location : 59
Sample Information : Alq 2
Sample Name : BCCL-24-2177 001_001 (24-2600)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 60
Location : 60
Sample Information :
Sample Name : Blood QC B (24-2601)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 61
Location : 61
Sample Information : Alq 2
Sample Name : BCCL-24-2156 001_001 (24-2602)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 62
Location : 62

KB

Sample Information : Alq 2
Sample Name : BCCL-24-2155 001_001 (24-2603)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 63
Location : 63
Sample Information : Alq 2
Sample Name : BCCL-24-2139 001_001 (24-2604)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 64
Location : 64
Sample Information : Alq 2
Sample Name : BCCL-24-2138 001_001 (24-2605)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 65
Location : 65
Sample Information : Alq 2
Sample Name : BCCL-24-2136 001_001 (24-2606)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 66
Location : 66
Sample Information : Alq 2
Sample Name : BCCL-24-2135 001_001 (24-2607)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 67
Location : 67
Sample Information : Alq 2
Sample Name : BCCL-24-2134 001_001 (24-2608)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 68
Location : 68

Sample Information : Alq 2
Sample Name : BCCL-24-2129 001_001 (24-2609)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 69
Location : 69
Sample Information : Alq 2
Sample Name : BCCL-24-2125 001_001 (24-2610)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 70
Location : 70
Sample Information : Alq 2
Sample Name : BCCL-24-1968 001_001 (24-2611)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 71
Location : 71
Sample Information :
Sample Name : Blood QC A (24-2612)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 72
Location : 72
Sample Information :
Sample Name : High QC (24-2613)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 73
Location : 73
Sample Information :
Sample Name : Low QC (24-2614)
Method Name : BAC
Sample Type : Sample

---

==========

Line : 74
Location : 74

KB

Sequence: C:\CHEM32\2\SEQUENCE\2024\BAC_20241205_KB.S

| | |
|---|---|
| Sample Information | : |
| Sample Name | : DI Water (24-2615) |
| Method Name | : BAC |
| Sample Type | : Sample |

---

==========

KB

## Method Information

Method: C:\Chem32\2\Methods\BAC.M
Modified: 9/17/2024 at 1:18:37 PM

## Run Time Checklist

| | |
|---|---|
| Pre-Run Cmd/Macro: | off |
| Data Acquisition: | on |
| Standard Data Analysis: | on |
| Customized Data Analysis: | off |
| Save GLP Data: | off |
| Post-Run Cmd/Macro: | off |
| Save Method with Data: | on |

## Injection Source and Location

| | |
|---|---|
| Injection Source: | HS 10.1.1.101 |
| Injection Location: | GC Front |

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

==========

Agilent 7890B

==========

GC
GC Summary

| | |
|---|---|
| Run Time | 4 min |
| Post Run Time | 0 min |

Oven
Temperature

| | |
|---|---|
| Setpoint | On |
| (Initial) | 40 °C |
| Hold Time | 4 min |
| Post Run | 50 °C |
| Equilibration Time | 3 min |
| Max Temperature | 260 °C |
| Maximum Temperature Override | Disabled |
| Slow Fan | Disabled |

Front SS Inlet He

| | |
|---|---|
| Mode | Split |
| Heater | On 110 °C |
| Pressure | On 24 psi |
| Total Flow | On 81.121 mL/min |
| Septum Purge Flow | On 3 mL/min |
| Gas Saver | Off |
| Split Ratio | 10 :1 |
| Split Flow | 69.952 mL/min |

Column
Column #1
Pressure

| | |
|---|---|
| Setpoint | On |
| (Initial) | 24 psi |
| Post Run | 24 psi |

Agilent 123-9134
DB-ALC1
0 °C—325 °C (325 °C): 30 m x 320 µm x 1.8 µm

| | |
|---|---|
| Column lock | Unlocked |
| In | Front SS Inlet He |
| Out | Front Detector FID |
| (Initial) | 40 °C |
| Pressure | 24 psi |
| Flow | 6.9952 mL/min |
| Average Velocity | 80.325 cm/sec |
| Holdup Time | 0.62247 min |

Column #2
Pressure

| | |
|---|---|
| Setpoint | On |

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

| | |
|---|---|
| (Initial) | 24 psi |
| Post Run | 24 psi |
| | |
| Agilent 123-9234 | |
| DB-ALC2 | |
| 0 °C—325 °C (325 °C): 30 m x 320 µm x 1.2 µm | |
| Column lock | Unlocked |
| In | Front SS Inlet He |
| Out | Back Detector FID |
| (Initial) | 40 °C |
| Pressure | 24 psi |
| Flow | 7.1019 mL/min |
| Average Velocity | 80.935 cm/sec |
| Holdup Time | 0.61778 min |
| | |
| Column Outlet Pressure | 0 psi |
| | |
| Front Detector FID | |
| Makeup | N2 |
| | Signal is modified by Column Compensation Curve #2 |
| Heater | On 250 °C |
| H2 Flow | On 30 mL/min |
| Air Flow | On 400 mL/min |
| Makeup Flow | On 25 mL/min |
| Carrier Gas Flow Correction | Does not affect Makeup or Fuel Flow |
| Flame | On |
| Electrometer | On |
| | |
| Back Detector FID | |
| Makeup | N2 |
| | Signal is modified by Column Compensation Curve #2 |
| Heater | On 250 °C |
| H2 Flow | On 30 mL/min |
| Air Flow | On 400 mL/min |
| Makeup Flow | On 25 mL/min |
| Carrier Gas Flow Correction | Does not affect Makeup or Fuel Flow |
| Flame | On |
| Electrometer | On |
| | |
| Signals | |
| Signal #1: Front Signal | |
| Description | Front Signal |
| Details | Front Signal (FID) |
| Save | On |
| Data Rate | 20 Hz |
| Dual Injection Assignment | Front Sample |
| | |
| Signal #2: Back Signal | |
| Description | Back Signal |
| Details | Back Signal (FID) |
| Save | On |
| Data Rate | 20 Hz |
| Dual Injection Assignment | Back Sample |

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

| | |
|---|---|
| Signal #3: Test Plot | |
| Description | Test Plot |
| Details | |
| Save | Off |
| Data Rate | 50 Hz |
| Dual Injection Assignment | Back Sample |
| | |
| Signal #4: Test Plot | |
| Description | Test Plot |
| Details | |
| Save | Off |
| Data Rate | 50 Hz |
| Dual Injection Assignment | Back Sample |

==========

Agilent 7697A

==========

Agilent 7697A

| | |
|---|---|
| Instrument Info | |
| Address: | 10.1.1.101 |
| Serial Number: | CN16210024 |
| Firmware Revision: | A.01.08.1 |
| | |
| Instrument Settings | |
| Vial Pressurization Gas: | Helium |
| Loop Size (mL): | 1 |
| Keyboard Lock: | OFF |
| Transfer Line Type: | Fused Silica |
| Transfer Line Diameter (mm): | 0.53 |
| | |
| System Configuration | |
| Carrier Control: | GC Instrument |
| | |
| Resource Conservation | |
| Vial Standby Flow (mL/min): | 20 |
| | |
| Temperature Settings: | |
| Oven Temperature (°C): | 70 |
| Loop Temperature (°C): | 70 |
| Transfer Line Temperature (°C): | 90 |
| | |
| Timing Settings: | |
| Vial Equilibration (min): | 7.00 |
| Injection Duration (min): | 0.50 |
| GC Cycle Time (min): | 4.50 |

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

| | |
|---|---|
| Vial and Loop Settings: | |
| Vial Size: | 20 |
| Vial Shaking: | OFF |
| Fill Mode: | Default |
| Fill Pressure (psi): | 10 |
| Loop Fill Mode: | Custom |
| Loop Ramp Rate (psi/min): | 30 |
| Loop Final Pressure (psi): | 1 |
| Loop Equilibration Time: | 0.05 |
| | |
| Carrier Settings: | |
| Carrier Control Mode: | GC controls Carrier |
| | |
| Advanced Settings: | |
| Extraction Mode: | Single Extraction |
| Vent After Extraction: | ON |
| Post Injection Purge: | 200 mL/min for 3 min |
| Acceptable Leak Check: | Default, 0.2mL/min |
| Barcode Symbology: | Enable All |
| Barcode Checksum: | OFF |

The Data Analysis Parameters of the used Method are :

## Integration Events

### Non signal specific Integration Events

| Event | Value |
|---|---|
| Tangent Skim Mode | Standard |
| Tail Peak Skim Height Ratio | 0.000 |
| Front Peak Skim Height Ratio | 0.000 |
| Skim Valley Ratio | 20.000 |
| Baseline Correction | Classical |
| Peak to Valley Ratio | 500.000 |

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

Default Integration Event Table "Event"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 1.000 | Initial |
| Initial Peak Width | 0.040 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.700 | Initial |
| Initial Shoulders | OFF | Initial |

Detector Default Integration Event Table "Event_TCD"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 100.000 | Initial |
| Initial Peak Width | 0.040 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.000 | Initial |
| Initial Shoulders | OFF | Initial |

Detector Default Integration Event Table "Event_ADC"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 20.000 | Initial |
| Initial Peak Width | 0.040 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.000 | Initial |
| Initial Shoulders | OFF | Initial |

Detector Default Integration Event Table "Event_FID"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 50.000 | Initial |
| Initial Peak Width | 0.040 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.000 | Initial |
| Initial Shoulders | OFF | Initial |

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

Detector Default Integration Event Table "Event_ECD"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 100.000 | Initial |
| Initial Peak Width | 0.080 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.000 | Initial |
| Initial Shoulders | OFF | Initial |

Detector Default Integration Event Table "Event_NPD"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 500.000 | Initial |
| Initial Peak Width | 0.040 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.000 | Initial |
| Initial Shoulders | OFF | Initial |

Detector Default Integration Event Table "Event_FPD"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 50.000 | Initial |
| Initial Peak Width | 0.040 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.000 | Initial |
| Initial Shoulders | OFF | Initial |

Detector Default Integration Event Table "Event_uECD"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 500.000 | Initial |
| Initial Peak Width | 0.040 | Initial |
| Initial Area Reject | 2.000 | Initial |
| Initial Height Reject | 2.000 | Initial |
| Initial Shoulders | OFF | Initial |

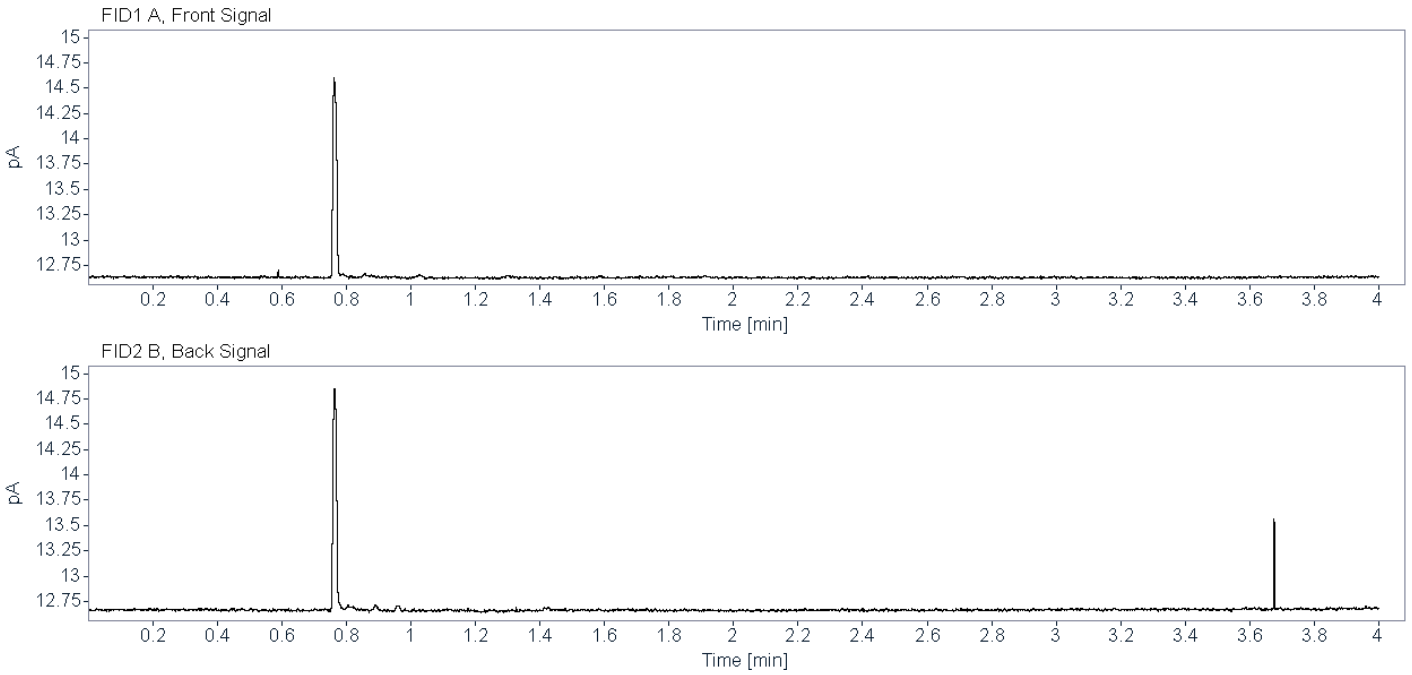
Apply Method's Manual Integration Events: No

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Air **Description:** **Sample Barcode** **Vial Number:** 1

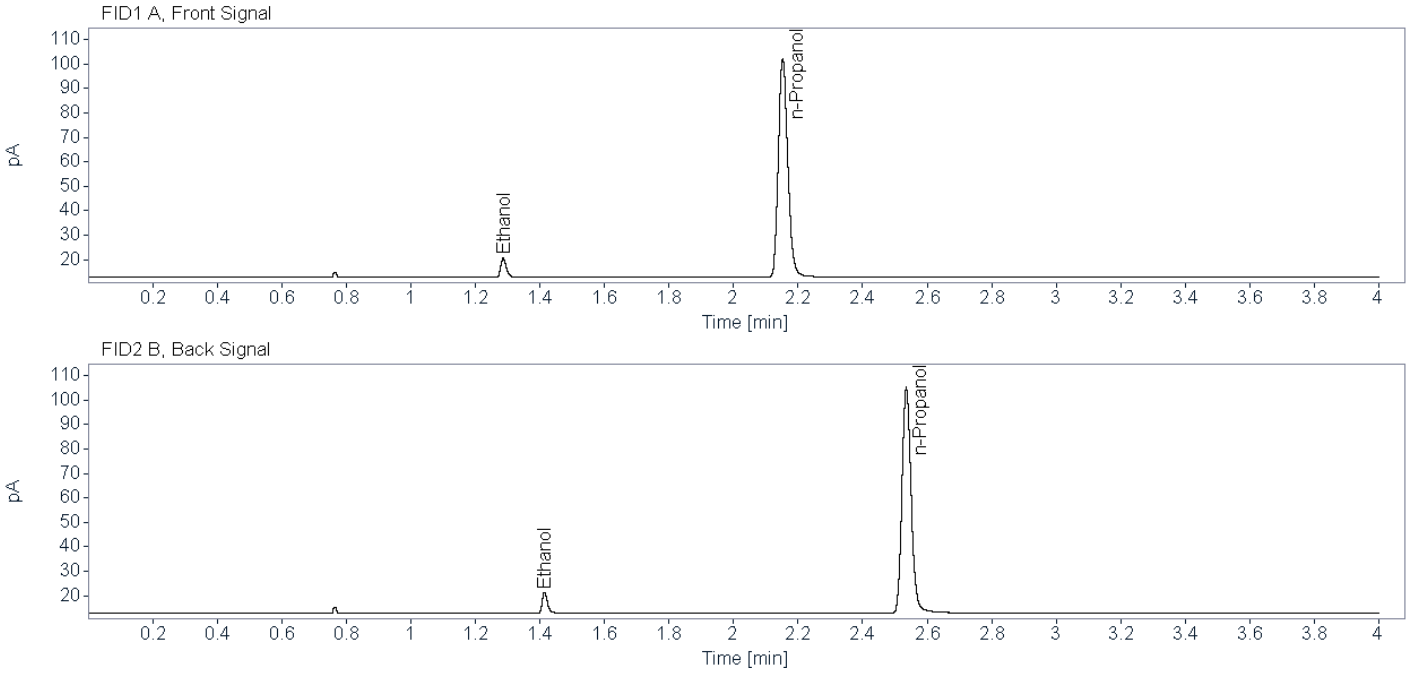
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 8:39:29 AM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205PC_KB 2024-12-05 08-29-34\001F0101.D



# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** PC **Description:** **Sample Barcode** **Vial Number:** 2
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 8:44:13 AM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205PC_KB 2024-12-05 08-29-34\002F0201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73921 | 1.286 | 1.287 | 9.6116 | 0.0117 |
| n-Propanol | 0.80235 | 2.152 | 2.154 | 180.8430 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.70844 | 1.414 | 1.416 | 9.5984 | 0.0120 |
| n-Propanol | 0.83300 | 2.535 | 2.538 | 181.3506 | 0.0100 |

# Calibration Table

## General Calibration Setting

Calib. Data Modified : 12/6/2024 6:30:47 AM
Signals calculated separately : No

Rel. Reference Window : 2.000 %
Abs. Reference Window : 0.000 min
Rel. Non-ref. Window : 2.000 %
Abs. Non-ref. Window : 0.000 min
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Ignored
Weight : Linear (Resp)

Recalibration Settings:
Average Response : Average all calibrations
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Sample ISTD Information:

| ISTD # | ISTD Amount [g/100 mL] | Name |
|---|---|---|
| 1 | 1.00000e-2 | n-Propanol |
| 2 | 1.00000e-2 | n-Propanol |

## Signal Details

Signal 1: FID1 A, Front Signal
Signal 2: FID2 B, Back Signal

## Overview Table

| RT | Sig | Lvl | Amount [g/100 mL] | Area | Rsp.Factor | Ref | ISTD | # | Compound |
|---|---|---|---|---|---|---|---|---|---|
| 1.281 | 1 | 1 | 1.00000e-2 | 9.64411 | 1.03690e-3 | No | No | 1 | Ethanol |
| | | 2 | 2.50000e-2 | 23.86818 | 1.04742e-3 | | | | |
| | | 3 | 5.00000e-2 | 48.63672 | 1.02803e-3 | | | | |
| | | 4 | 1.00000e-1 | 99.17802 | 1.00829e-3 | | | | |
| | | 5 | 2.00000e-1 | 195.83923 | 1.02125e-3 | | | | |
| | | 6 | 4.00000e-1 | 406.62781 | 9.83701e-4 | | | | |
| | | 7 | 5.00000e-1 | 505.15149 | 9.89802e-4 | | | | |
| 1.410 | 2 | 1 | 1.00000e-2 | 9.53814 | 1.04842e-3 | No | No | 2 | Ethanol |
| | | 2 | 2.50000e-2 | 23.91706 | 1.04528e-3 | | | | |
| | | 3 | 5.00000e-2 | 49.10737 | 1.01818e-3 | | | | |
| | | 4 | 1.00000e-1 | 100.09778 | 9.99023e-4 | | | | |
| | | 5 | 2.00000e-1 | 198.87766 | 1.00564e-3 | | | | |
| | | 6 | 4.00000e-1 | 412.83499 | 9.68910e-4 | | | | |
| | | 7 | 5.00000e-1 | 512.88043 | 9.74886e-4 | | | | |
| 2.152 | 1 | 1 | 1.00000e-2 | 180.57199 | 5.53796e-5 | No | Yes | 1 | n-Propanol |
| | | 2 | 1.00000e-2 | 176.30882 | 5.67187e-5 | | | | |
| | | 3 | 1.00000e-2 | 177.21675 | 5.64281e-5 | | | | |
| | | 4 | 1.00000e-2 | 180.14948 | 5.55095e-5 | | | | |
| | | 5 | 1.00000e-2 | 172.30420 | 5.80369e-5 | | | | |
| | | 6 | 1.00000e-2 | 179.95795 | 5.55685e-5 | | | | |
| | | 7 | 1.00000e-2 | 177.77135 | 5.62520e-5 | | | | |
| 2.535 | 2 | 1 | 1.00000e-2 | 180.81508 | 5.53051e-5 | No | Yes | 2 | n-Propanol |
| | | 2 | 1.00000e-2 | 176.37820 | 5.66963e-5 | | | | |
| | | 3 | 1.00000e-2 | 177.27982 | 5.64080e-5 | | | | |
| | | 4 | 1.00000e-2 | 179.94991 | 5.55710e-5 | | | | |
| | | 5 | 1.00000e-2 | 172.00076 | 5.81393e-5 | | | | |
| | | 6 | 1.00000e-2 | 179.83131 | 5.56077e-5 | | | | |
| | | 7 | 1.00000e-2 | 177.62506 | 5.62984e-5 | | | | |

Peak Sum Table

***No Entries in table***

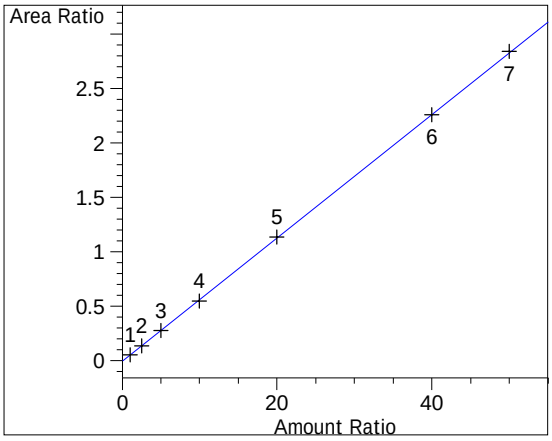
1 Warnings or Errors :

Warning : Curve requires more calibration points., (n-Propanol)

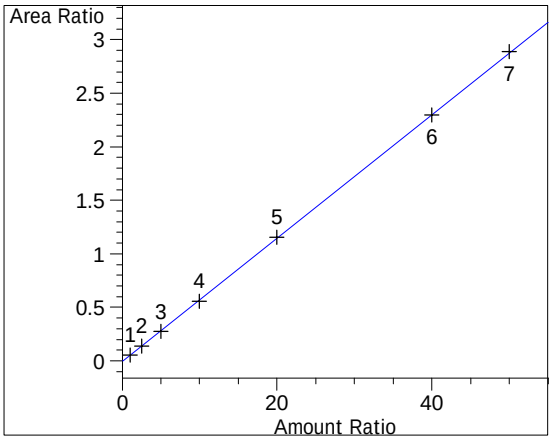
==========

Calibration Curves

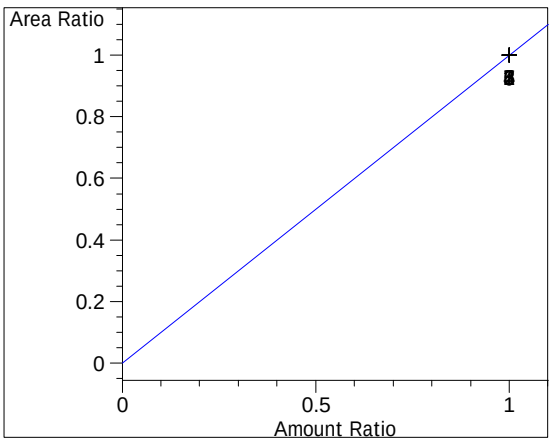
==========



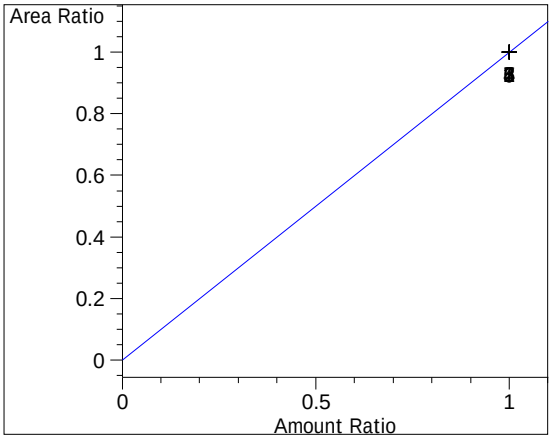

Ethanol at exp. RT: 1.281
FID1 A, Front Signal
Correlation: 0.99996
Residual Std. Dev.: 0.00833
Formula: y = mx + b
m: 5.67102e-2
b: -5.17435e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.394518
Level 3 : 0.194604
Level 4 : 0.097013
Level 5 : 0.04699
Level 6 : 0.023637
Level 7 : 0.018795




Ethanol at exp. RT: 1.410
FID2 B, Back Signal
Correlation: 0.99995
Residual Std. Dev.: 0.00947
Formula: y = mx + b
m: 5.76610e-2
b: -7.01104e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.389015
Level 3 : 0.190433
Level 4 : 0.094832
Level 5 : 0.045622
Level 6 : 0.022978
Level 7 : 0.018269




n-Propanol at exp. RT: 2.152
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

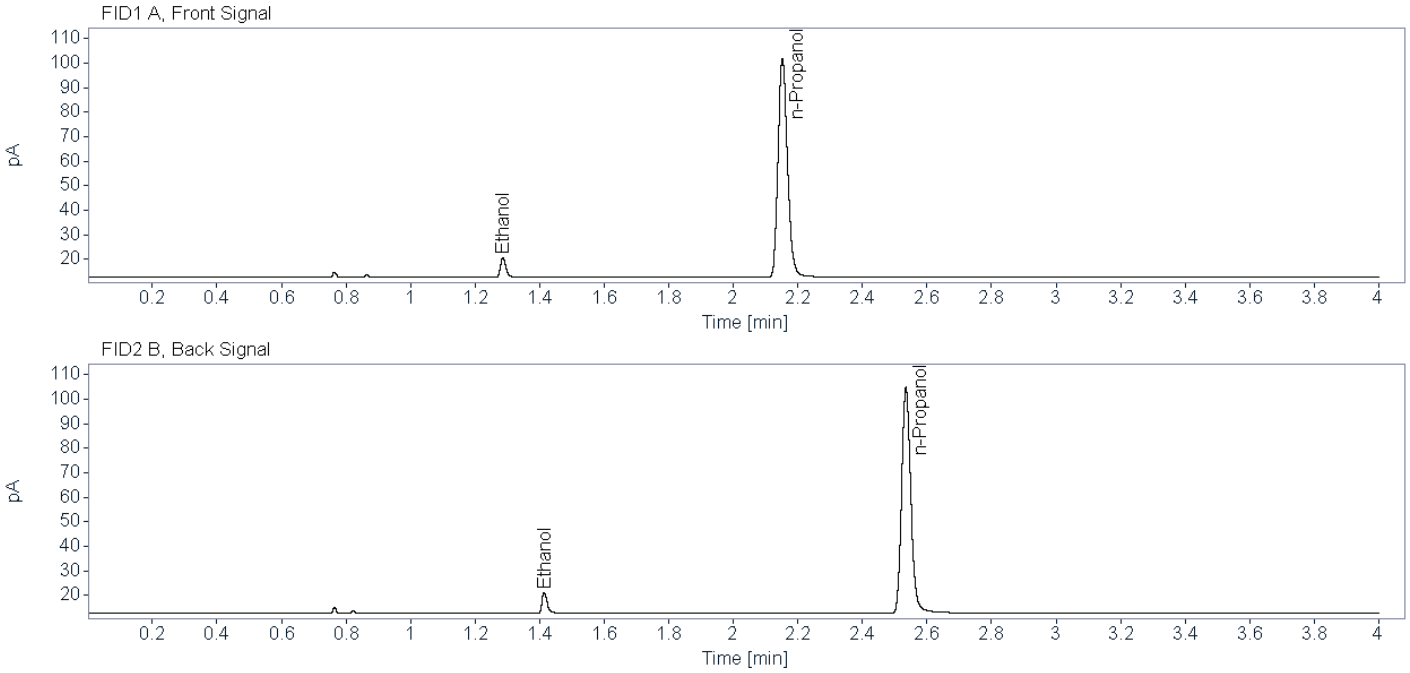



n-Propanol at exp. RT: 2.535
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** 0.010 g/100mL Cal (24-2542) **Description:** **Sample Barcode** 24-2542 **Vial Number:** 1
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 11:12:05 AM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\001F0101.D




**Name** FID1A

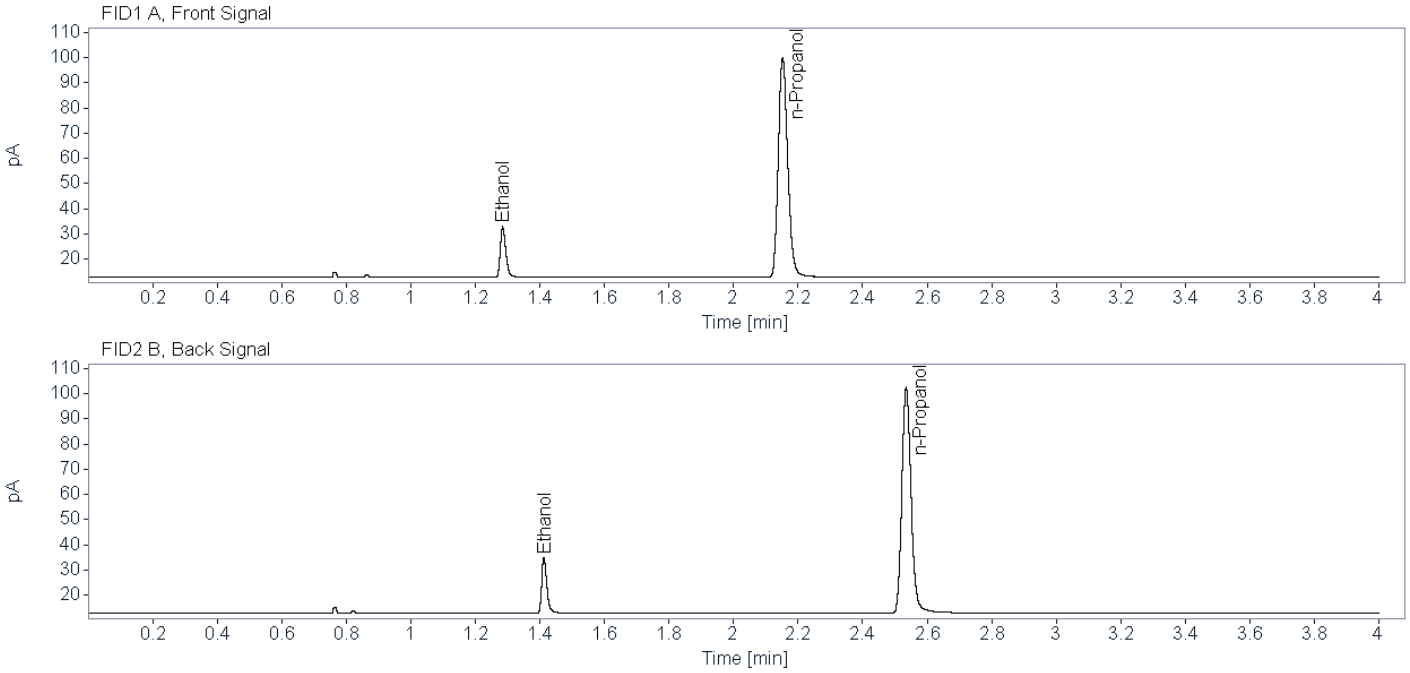
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75218 | 1.286 | 1.286 | 9.6441 | 0.0103 |
| n-Propanol | 0.80324 | 2.152 | 2.152 | 180.5720 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71562 | 1.414 | 1.414 | 9.5381 | 0.0104 |
| n-Propanol | 0.84657 | 2.535 | 2.535 | 180.8151 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** 0.025 g/100mL Cal (24-2543) **Description:** **Sample Barcode** 24-2543 **Vial Number:** 2
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 11:16:47 AM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\002F0201.D




**Name** FID1A

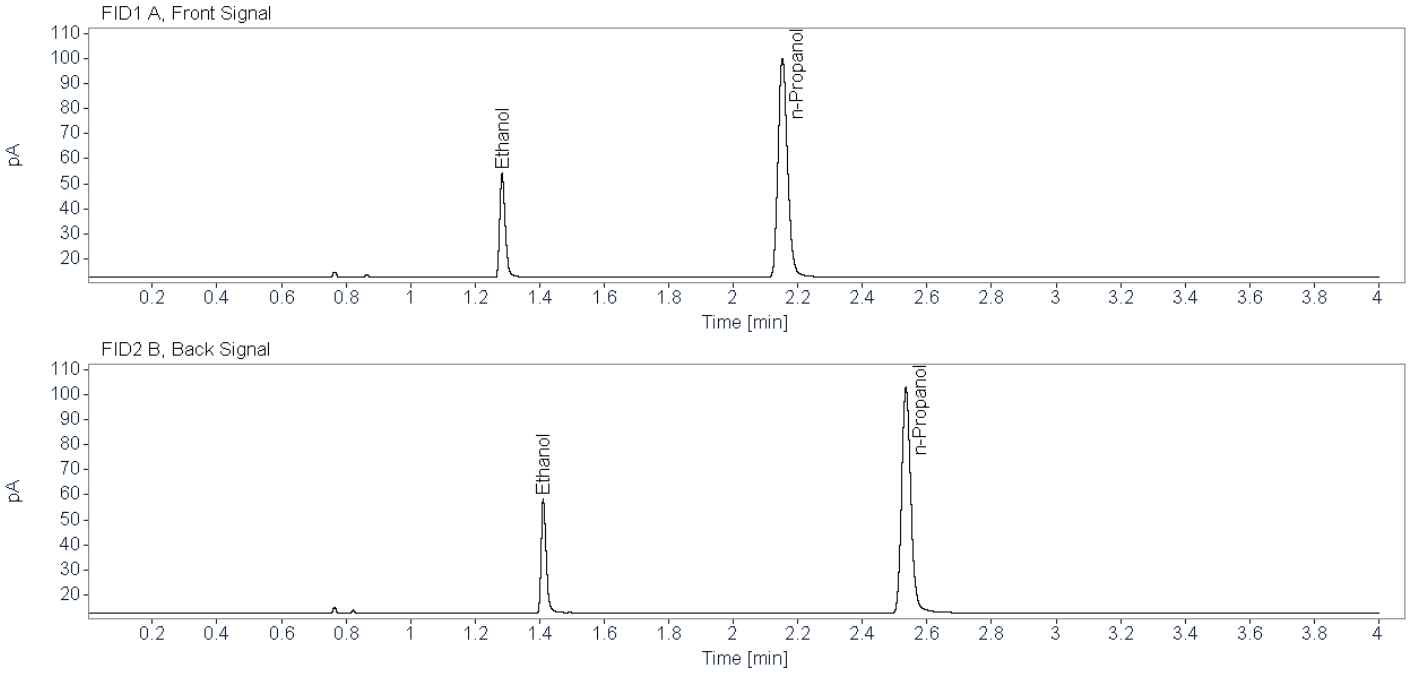
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73255 | 1.285 | 1.285 | 23.8682 | 0.0248 |
| n-Propanol | 0.80183 | 2.152 | 2.152 | 176.3088 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69917 | 1.412 | 1.412 | 23.9171 | 0.0247 |
| n-Propanol | 0.83966 | 2.535 | 2.535 | 176.3782 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** 0.050 g/100mL Cal (24-2544) **Description:** **Sample Barcode** 24-2544 **Vial Number:** 3
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 11:22:29 AM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\003F0301.D




**Name** FID1A

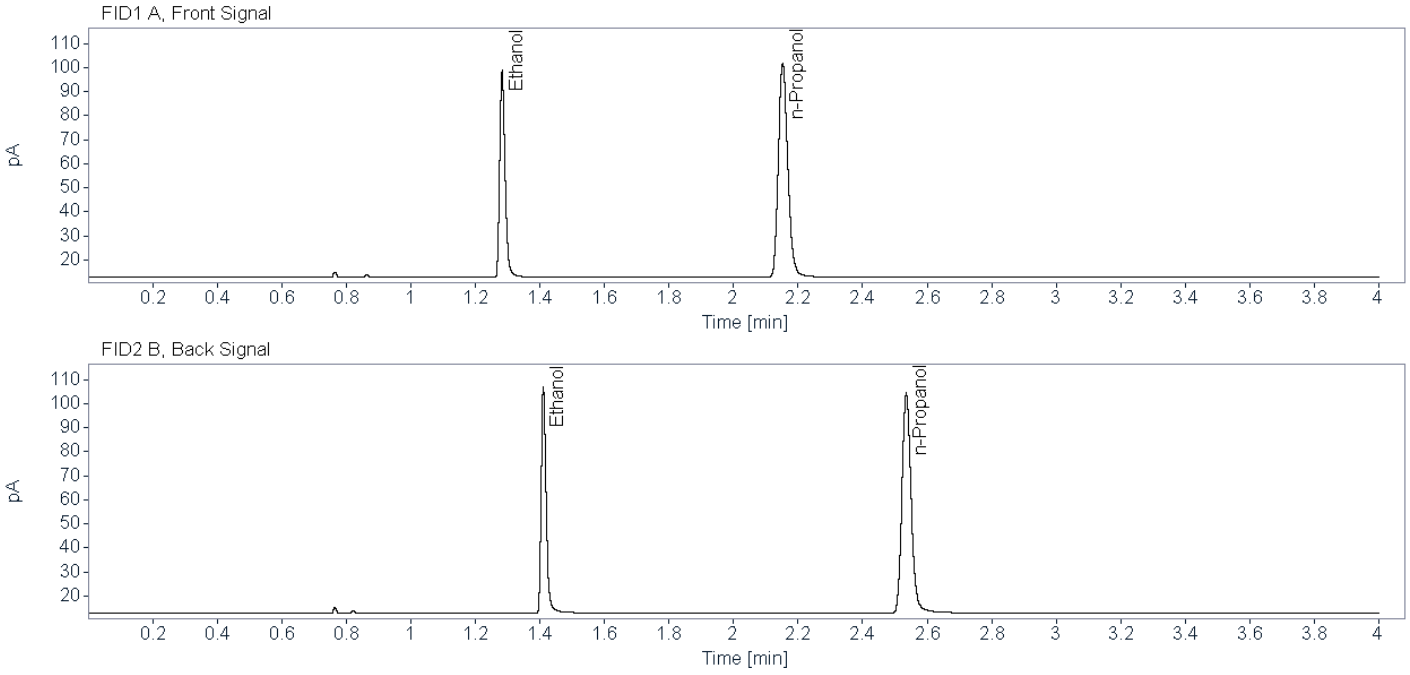
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72900 | 1.284 | 1.284 | 48.6367 | 0.0493 |
| n-Propanol | 0.80228 | 2.152 | 2.152 | 177.2168 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73086 | 1.412 | 1.412 | 49.1074 | 0.0493 |
| n-Propanol | 0.83989 | 2.535 | 2.535 | 177.2798 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** 0.100 g/100mL Cal (24-2545) **Description:** **Sample Barcode** 24-2545 **Vial Number:** 4
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 11:27:11 AM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\004F0401.D




**Name** FID1A

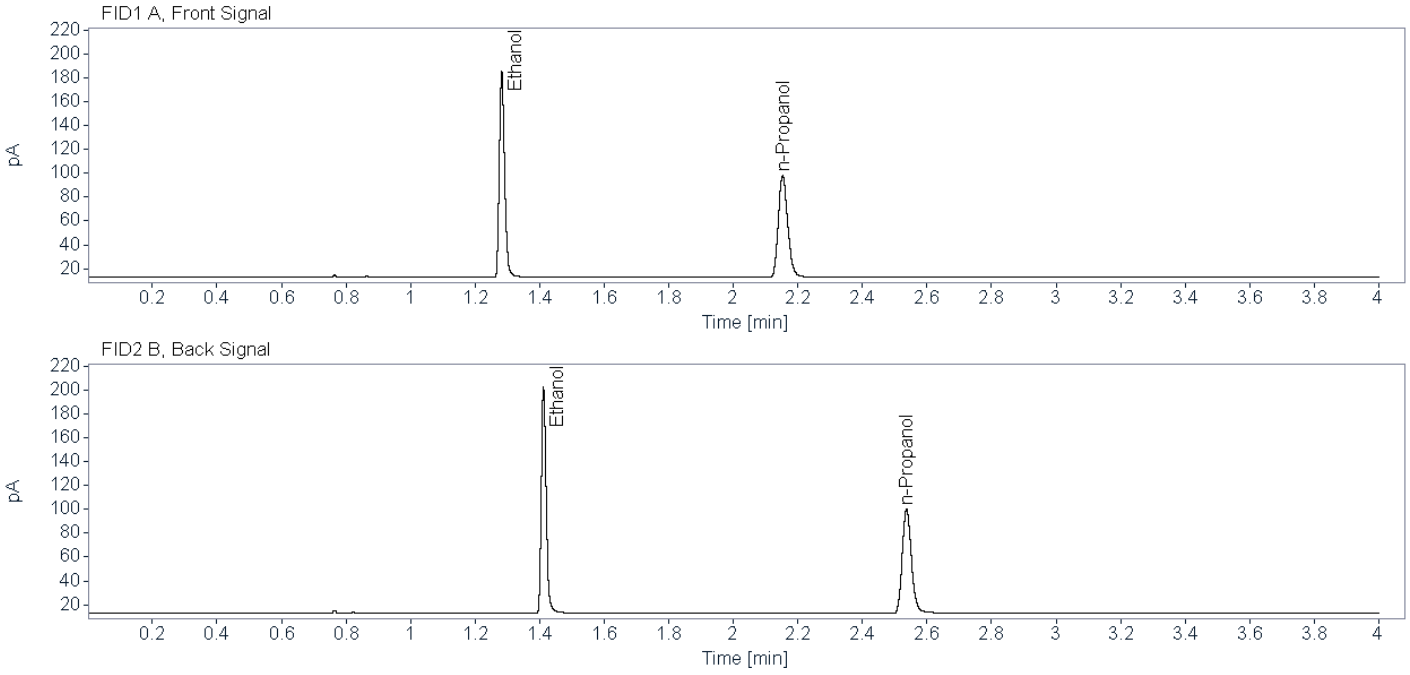
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74299 | 1.283 | 1.283 | 99.1780 | 0.0980 |
| n-Propanol | 0.79507 | 2.152 | 2.152 | 180.1495 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73794 | 1.411 | 1.411 | 100.0978 | 0.0977 |
| n-Propanol | 0.83926 | 2.535 | 2.535 | 179.9499 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** 0.200 g/100mL Cal (24-2546) **Description:** **Sample Barcode** 24-2546 **Vial Number:** 5
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 11:32:53 AM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\005F0501.D




**Name** FID1A

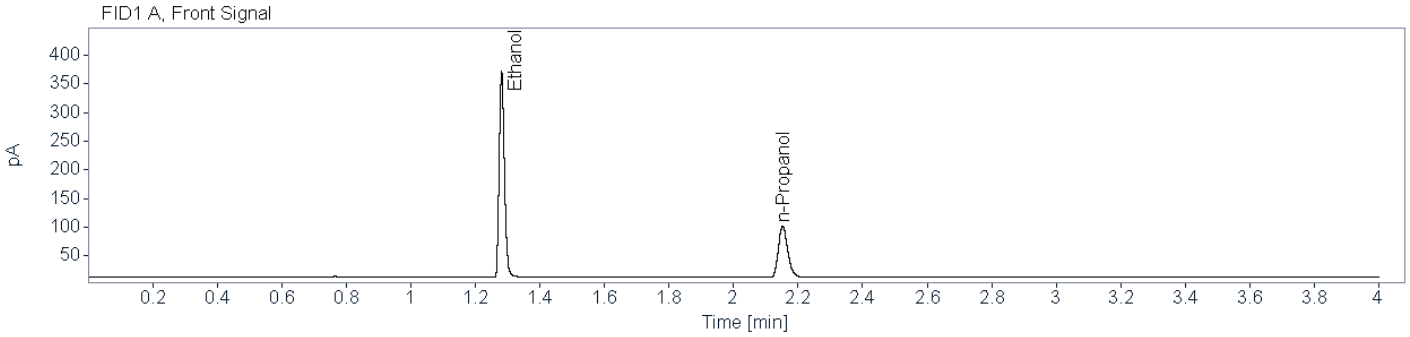
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77730 | 1.283 | 1.283 | 195.8392 | 0.2013 |
| n-Propanol | 0.79530 | 2.153 | 2.153 | 172.3042 | 0.0100 |

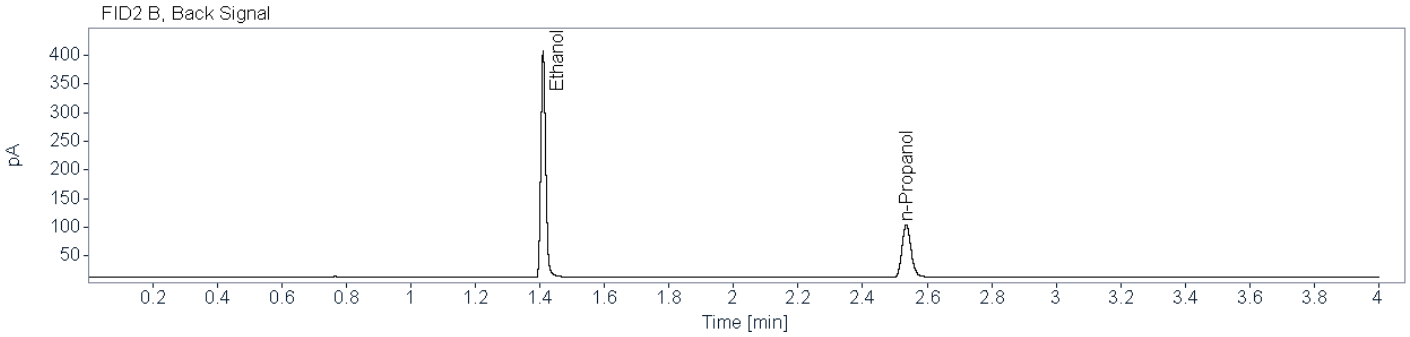
**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77983 | 1.412 | 1.412 | 198.8777 | 0.2017 |
| n-Propanol | 0.82815 | 2.537 | 2.537 | 172.0008 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** 0.400 g/100mL Cal (24-2547) **Description:** **Sample Barcode** 24-2547 **Vial Number:** 6
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 11:37:35 AM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\006F0601.D




**Name** FID1A

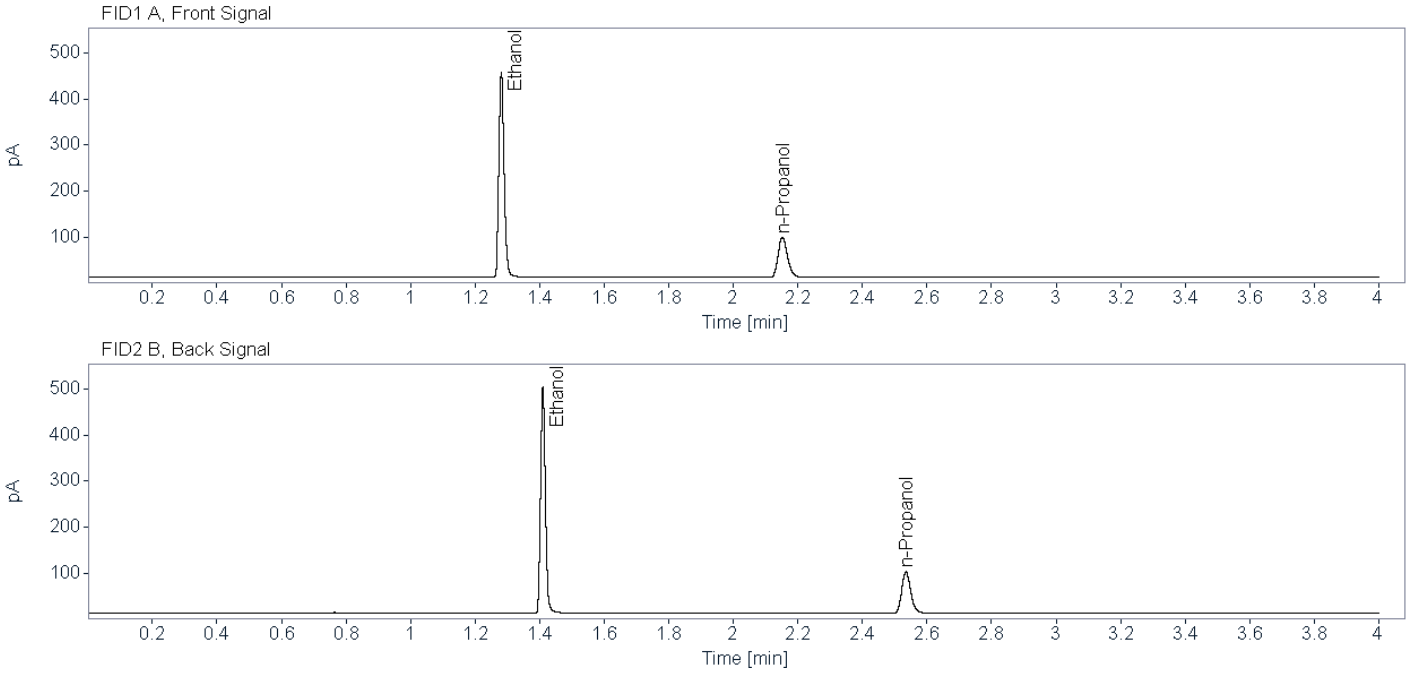
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79576 | 1.282 | 1.282 | 406.6278 | 0.3994 |
| n-Propanol | 0.79284 | 2.152 | 2.152 | 179.9579 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82743 | 1.410 | 1.410 | 412.8350 | 0.3993 |
| n-Propanol | 0.83609 | 2.535 | 2.535 | 179.8313 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** 0.500 g/100mL Cal (24-2548) **Description:** **Sample Barcode** 24-2548 **Vial Number:** 7
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 11:43:17 AM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\007F0701.D




**Name** FID1A

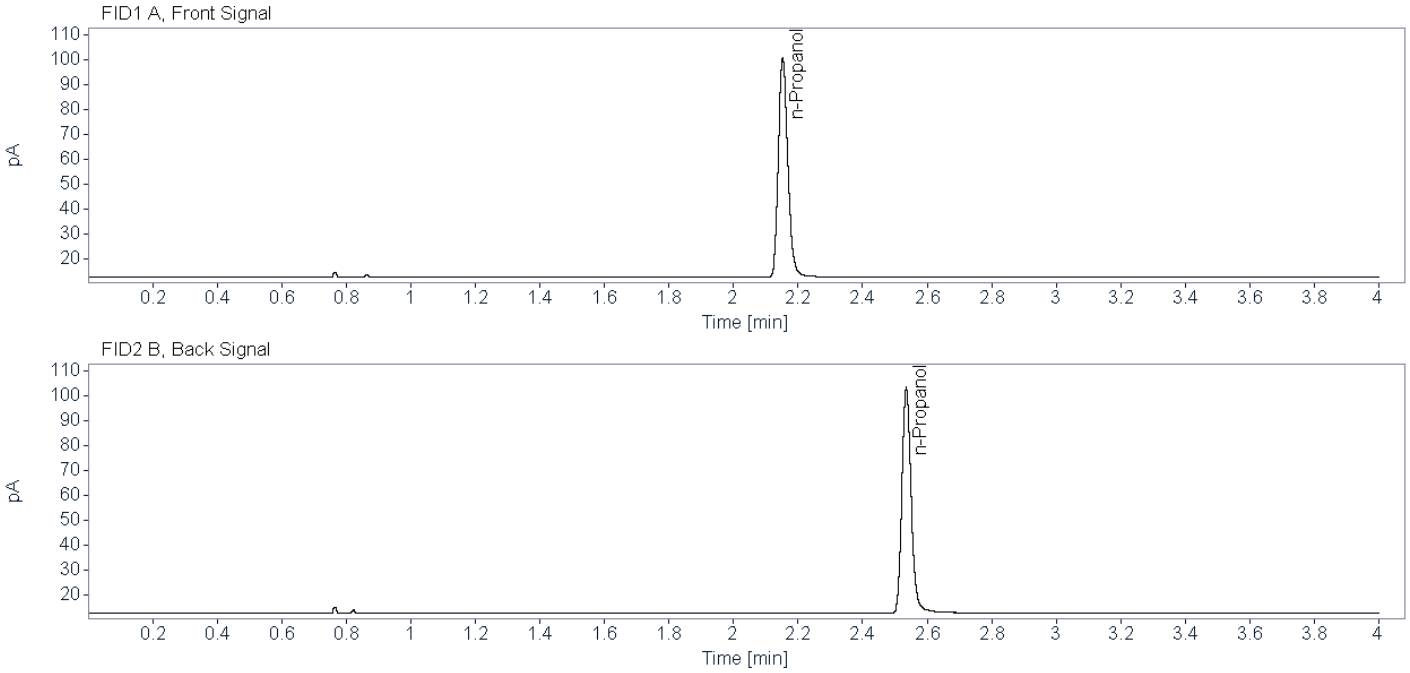
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80044 | 1.281 | 1.281 | 505.1515 | 0.5020 |
| n-Propanol | 0.79733 | 2.152 | 2.152 | 177.7713 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83065 | 1.410 | 1.410 | 512.8804 | 0.5020 |
| n-Propanol | 0.83662 | 2.535 | 2.535 | 177.6251 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Negative (24-2549) **Description:** **Sample Barcode** 24-2549 **Vial Number:** 8
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 11:47:59 AM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\008F0801.D




**Name** FID1A

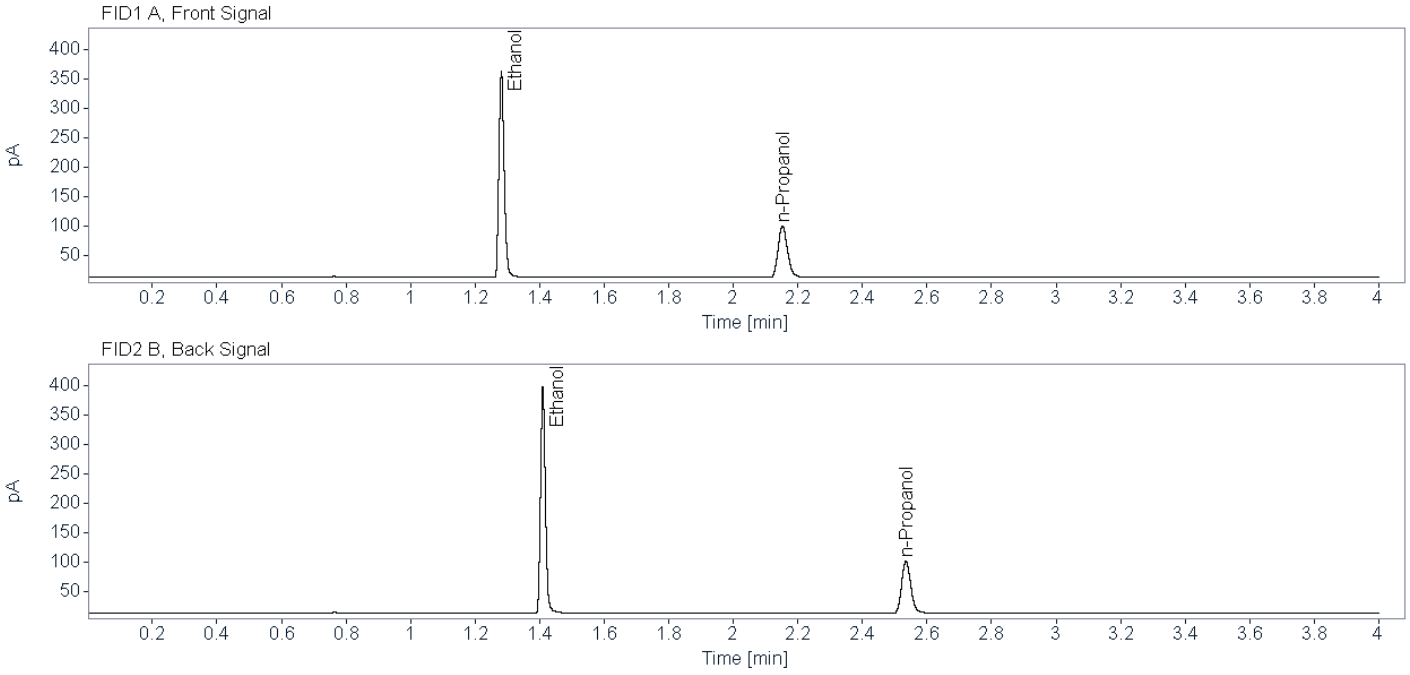
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.79440 | 2.152 | 2.152 | 178.4898 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.83498 | 2.535 | 2.535 | 178.4878 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** High QC (24-2550) **Description:** **Sample Barcode** 24-2550 **Vial Number:** 9
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 11:53:40 AM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\009F0901.D




**Name** FID1A

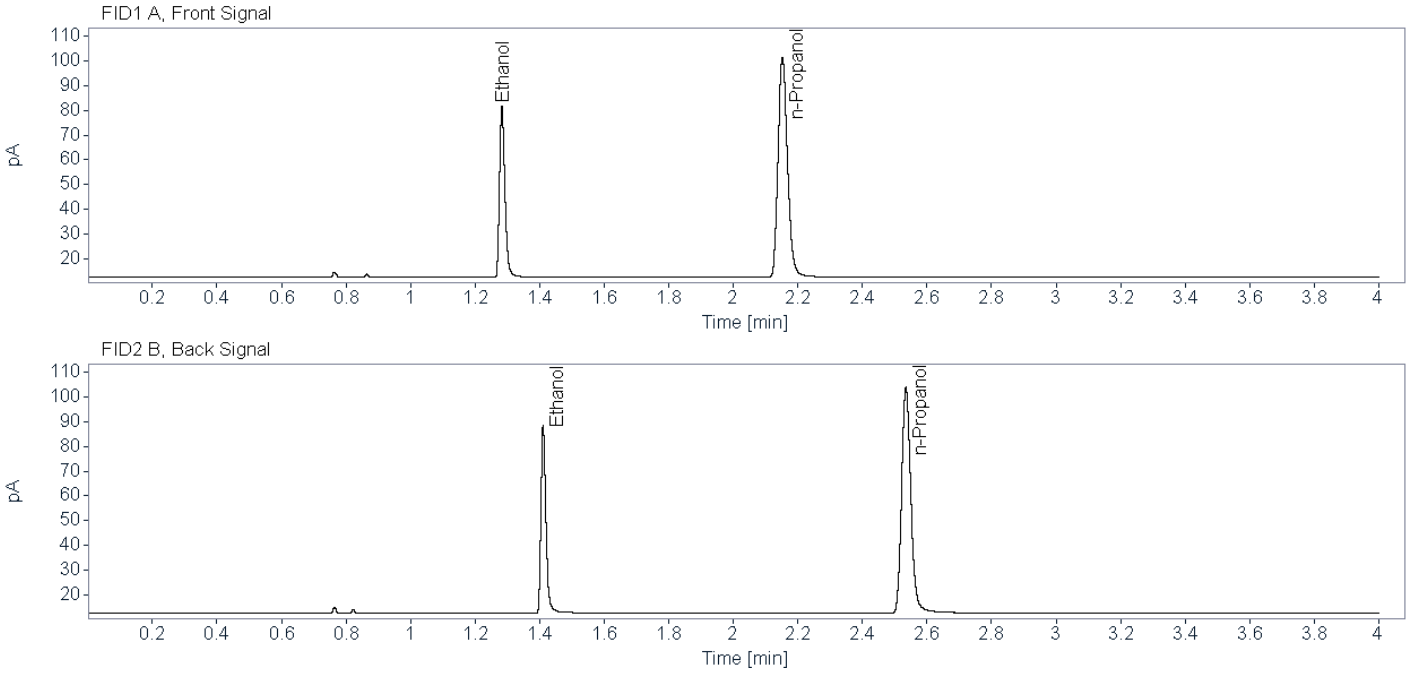
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78850 | 1.282 | 1.281 | 397.4129 | 0.3984 |
| n-Propanol | 0.79683 | 2.152 | 2.152 | 176.3078 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80756 | 1.410 | 1.410 | 403.1196 | 0.3973 |
| n-Propanol | 0.83443 | 2.535 | 2.535 | 176.4879 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Low QC (24-2551) **Description:** **Sample Barcode** 24-2551 **Vial Number:** 10
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 11:58:23 AM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\010F1001.D




**Name** FID1A

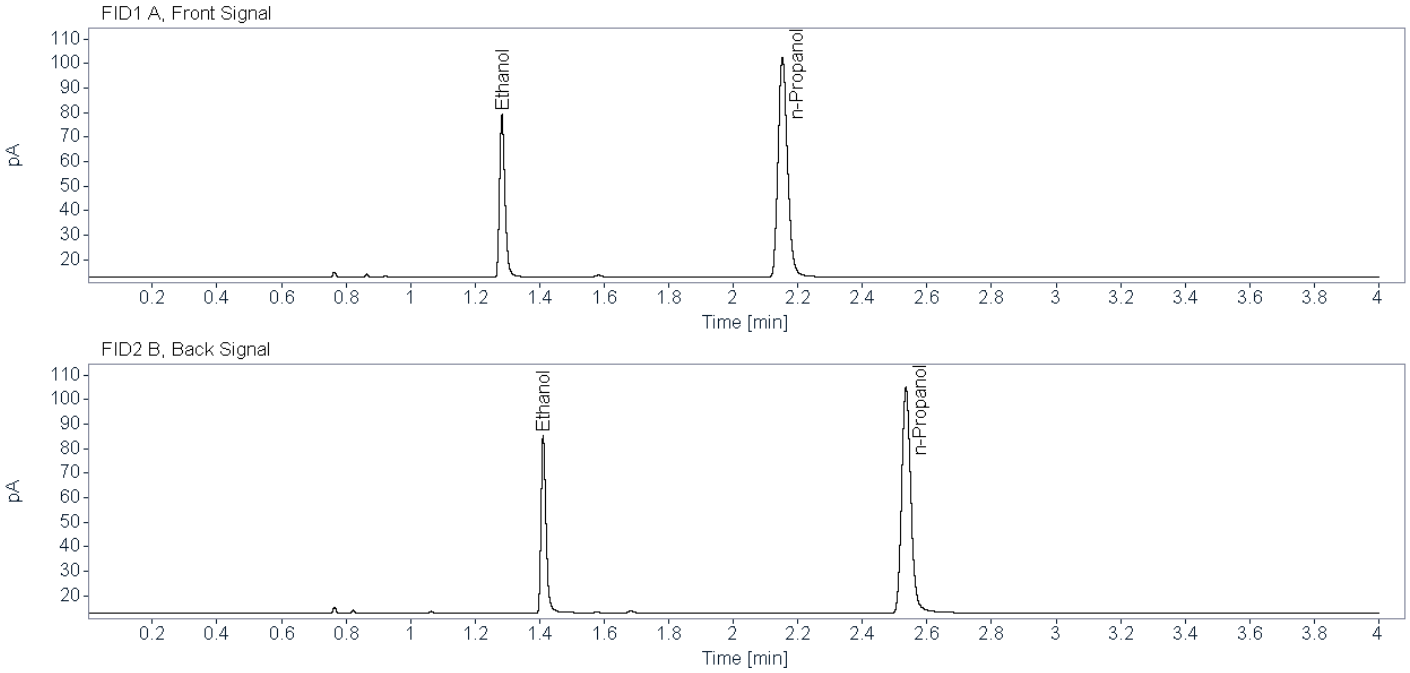
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73785 | 1.283 | 1.281 | 79.9109 | 0.0794 |
| n-Propanol | 0.81082 | 2.152 | 2.152 | 179.6452 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73655 | 1.411 | 1.410 | 80.6327 | 0.0791 |
| n-Propanol | 0.83324 | 2.535 | 2.535 | 179.4996 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Blood QC A (24-2552) **Description:** **Sample Barcode** 24-2552 **Vial Number:** 11
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 12:04:04 PM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\011F1101.D




**Name** FID1A

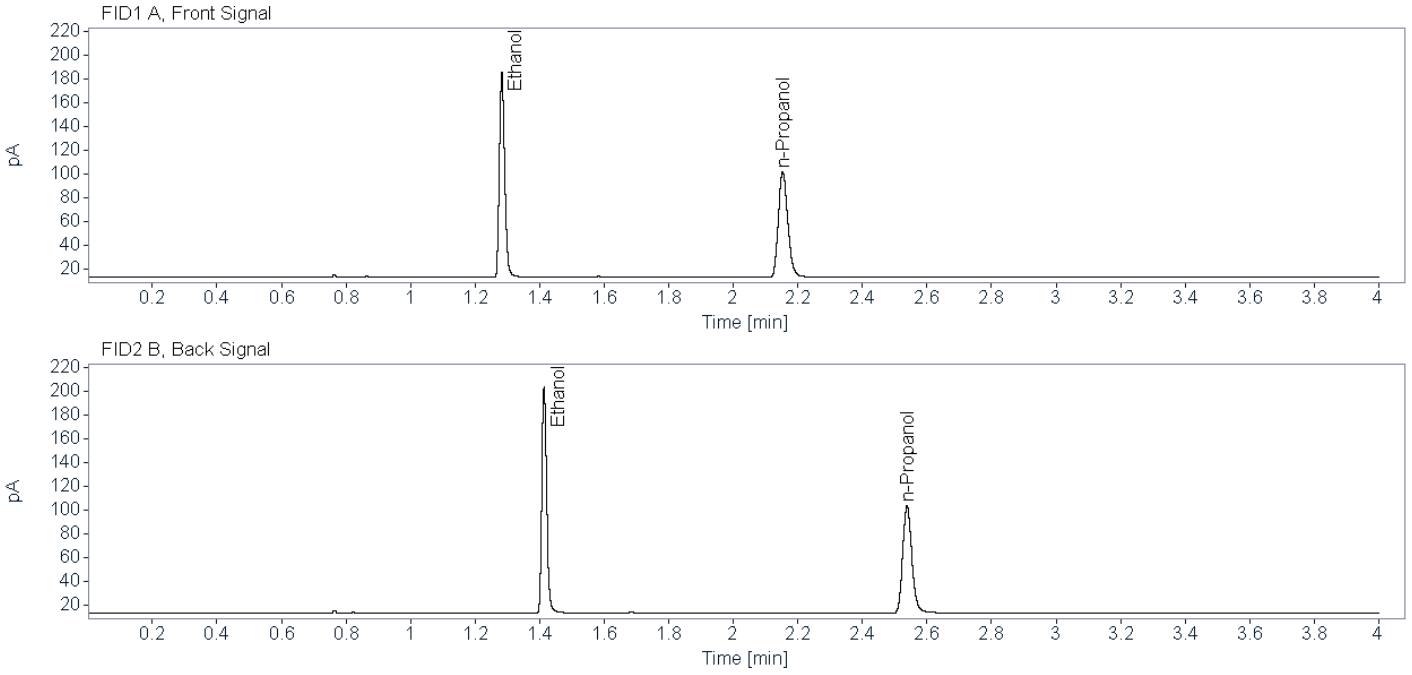
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72644 | 1.283 | 1.281 | 76.8136 | 0.0754 |
| n-Propanol | 0.80947 | 2.152 | 2.152 | 181.7513 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73198 | 1.411 | 1.410 | 77.6070 | 0.0753 |
| n-Propanol | 0.84027 | 2.535 | 2.535 | 181.7583 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Blood QC B (24-2563) **Description:** **Sample Barcode** 24-2563 **Vial Number:** 22
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 1:00:47 PM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\022F2201.D




**Name** FID1A

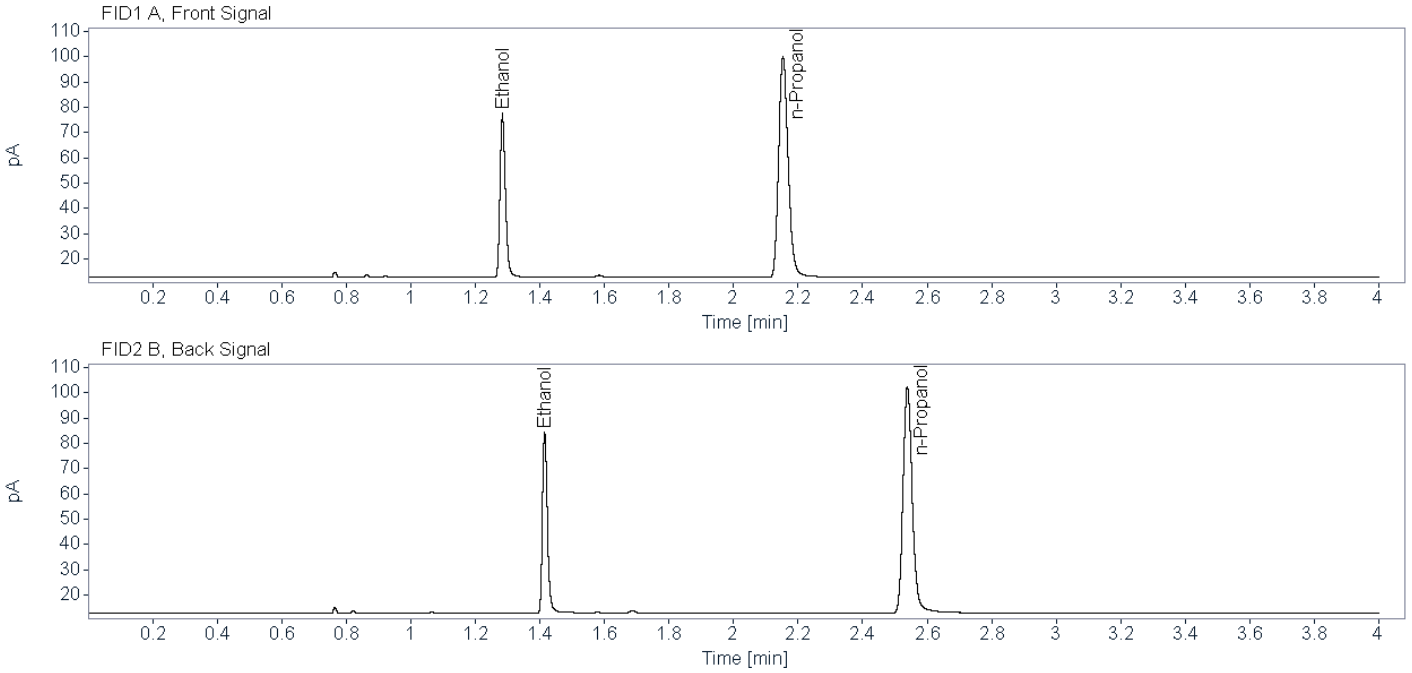
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79594 | 1.283 | 1.281 | 197.6936 | 0.1946 |
| n-Propanol | 0.79957 | 2.153 | 2.152 | 179.9385 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79027 | 1.414 | 1.410 | 200.4794 | 0.1957 |
| n-Propanol | 0.83495 | 2.538 | 2.535 | 178.7592 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Blood QC A (24-2574) **Description:** **Sample Barcode** 24-2574 **Vial Number:** 33
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 1:58:29 PM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\033F3301.D




**Name** FID1A

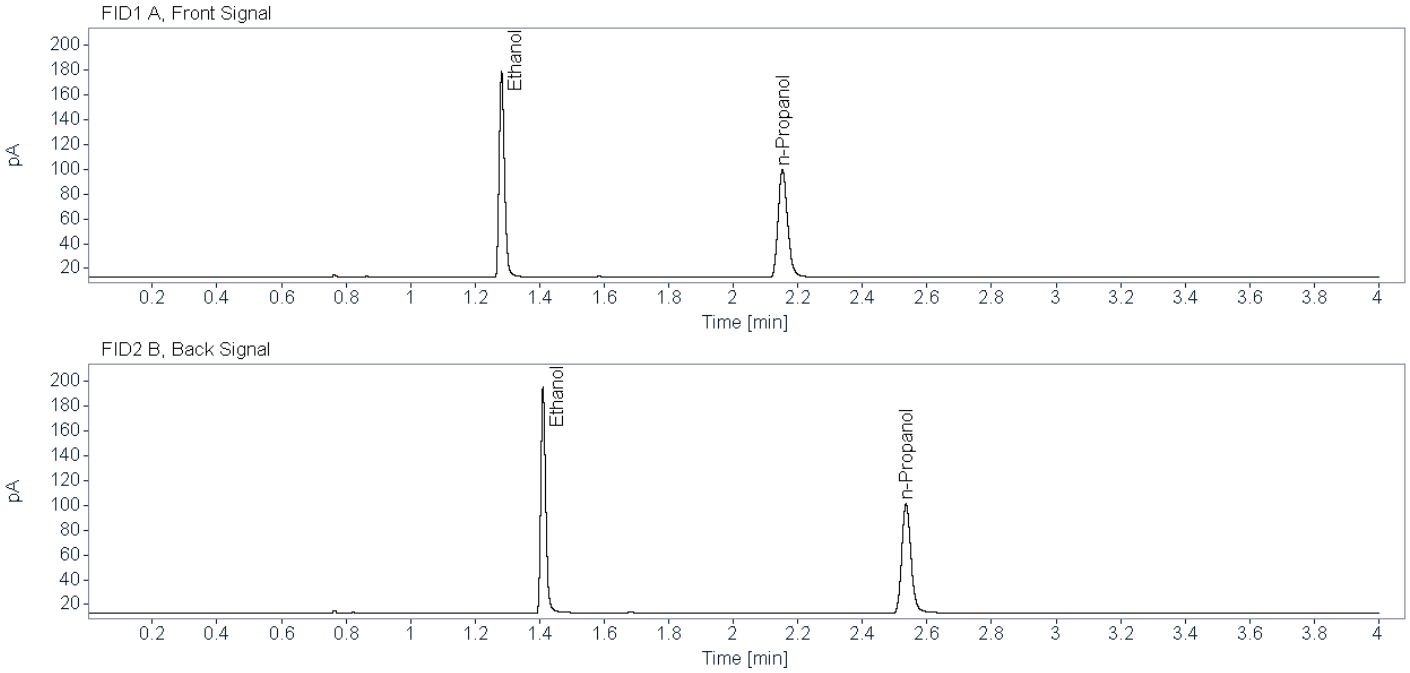
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76212 | 1.284 | 1.281 | 75.2968 | 0.0759 |
| n-Propanol | 0.79888 | 2.153 | 2.152 | 176.9962 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75942 | 1.415 | 1.410 | 76.3776 | 0.0768 |
| n-Propanol | 0.83020 | 2.539 | 2.535 | 175.2235 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Blood QC B (24-2582) **Description:** **Sample Barcode** 24-2582 **Vial Number:** 41
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 2:40:04 PM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\041F4101.D




**Name** FID1A

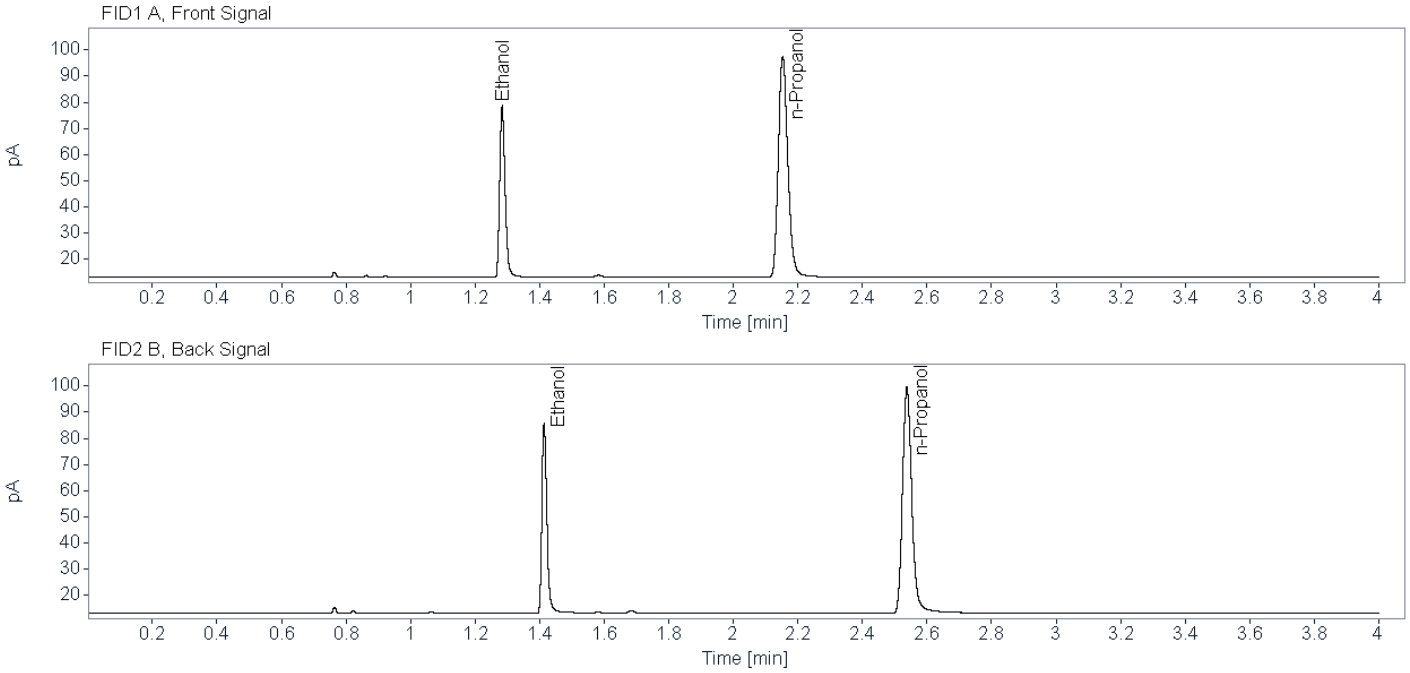
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75995 | 1.282 | 1.281 | 190.4957 | 0.1926 |
| n-Propanol | 0.78393 | 2.152 | 2.152 | 175.2775 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75463 | 1.410 | 1.410 | 192.4790 | 0.1921 |
| n-Propanol | 0.82812 | 2.536 | 2.535 | 174.8338 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Blood QC A (24-2590) **Description:** **Sample Barcode** 24-2590 **Vial Number:** 49
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 3:21:40 PM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\049F4901.D




**Name** FID1A

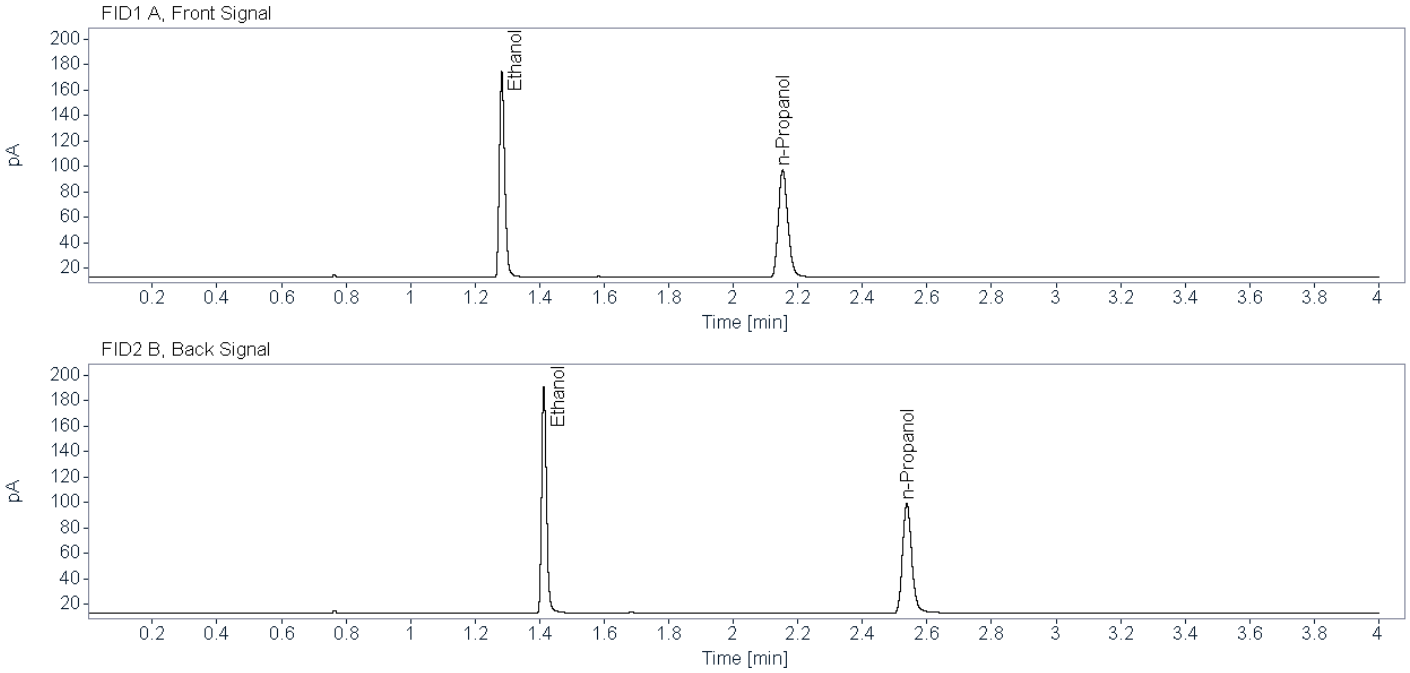
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76015 | 1.284 | 1.281 | 76.4984 | 0.0793 |
| n-Propanol | 0.79562 | 2.153 | 2.152 | 171.9969 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74554 | 1.414 | 1.410 | 77.3257 | 0.0797 |
| n-Propanol | 0.82571 | 2.538 | 2.535 | 170.8248 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Blood QC B (24-2601) **Description:** **Sample Barcode** 24-2601 **Vial Number:** 60
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 4:18:23 PM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\060F6001.D




**Name** FID1A

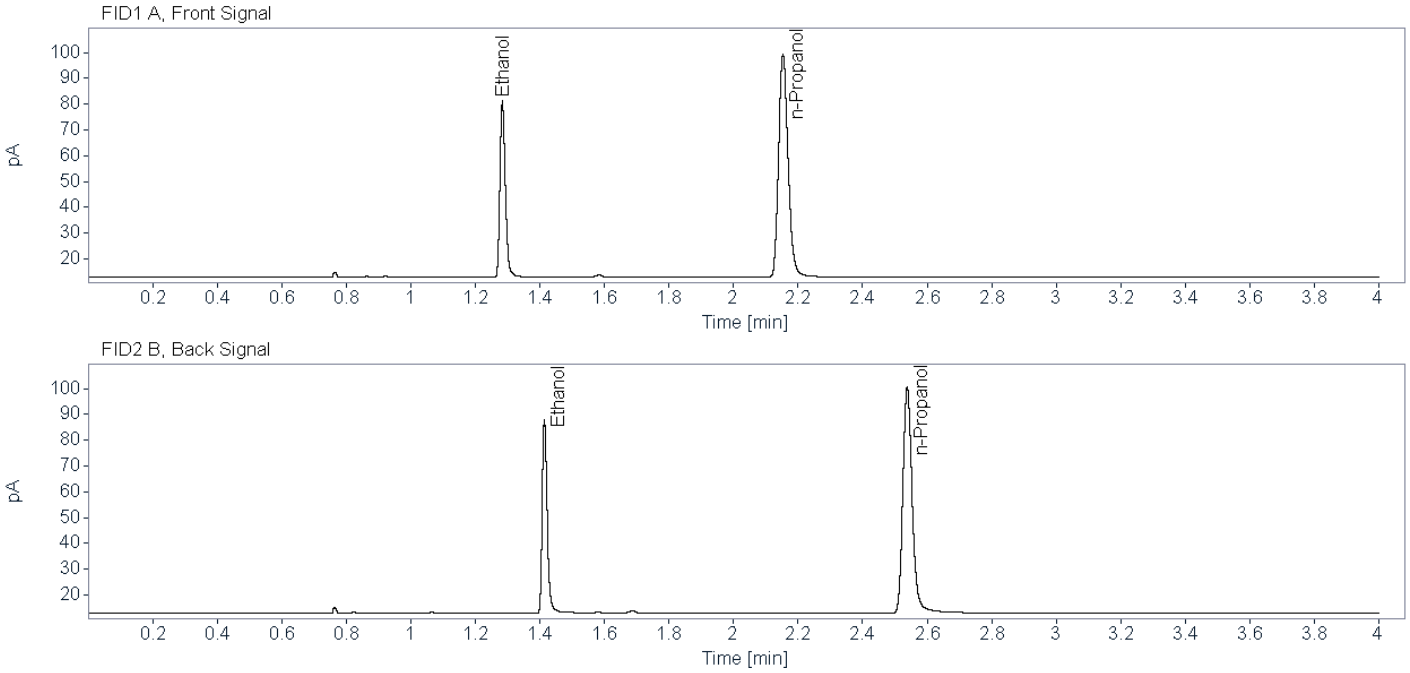
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77608 | 1.283 | 1.281 | 184.9817 | 0.1911 |
| n-Propanol | 0.78864 | 2.153 | 2.152 | 171.5526 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77437 | 1.413 | 1.410 | 187.5521 | 0.1920 |
| n-Propanol | 0.82039 | 2.538 | 2.535 | 170.4832 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Blood QC A (24-2612) **Description:** **Sample Barcode** 24-2612 **Vial Number:** 71
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 5:16:05 PM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\071F7101.D




**Name** FID1A

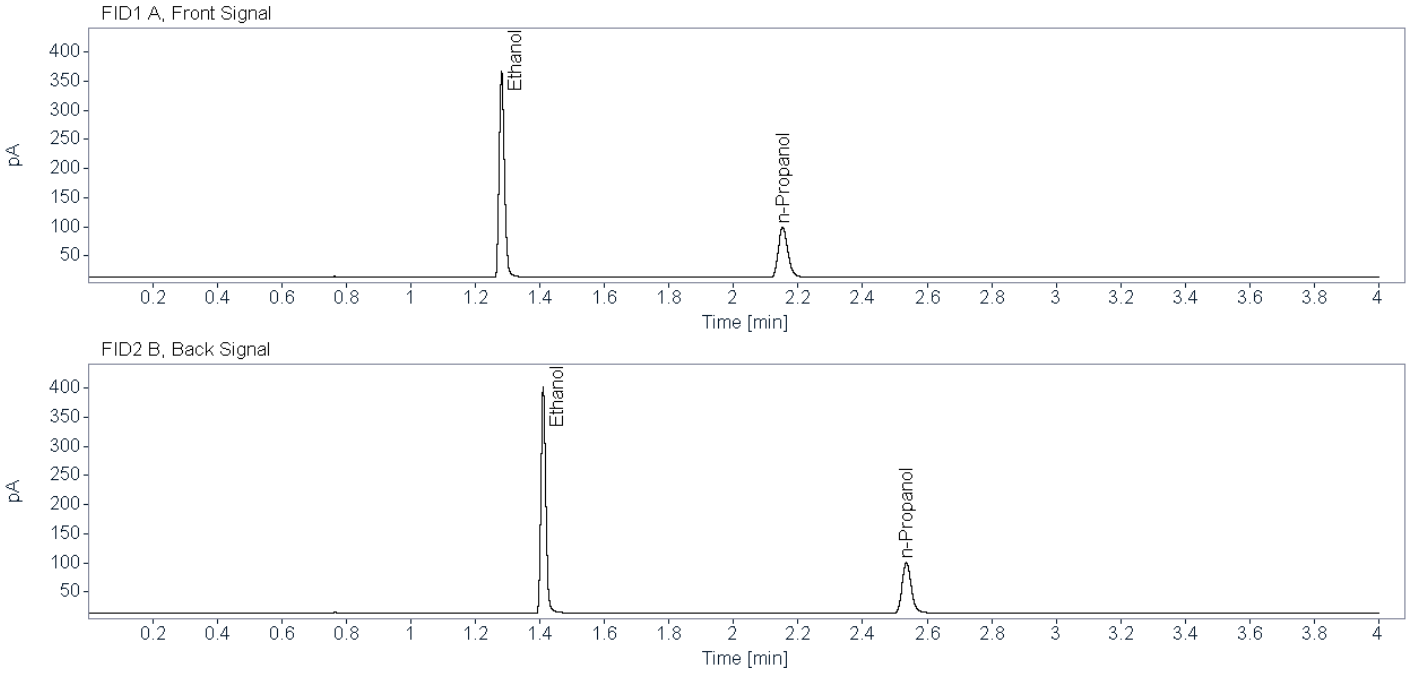
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75418 | 1.284 | 1.281 | 79.3258 | 0.0808 |
| n-Propanol | 0.79907 | 2.153 | 2.152 | 175.0127 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75950 | 1.414 | 1.410 | 80.1388 | 0.0815 |
| n-Propanol | 0.81724 | 2.538 | 2.535 | 173.0611 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** High QC (24-2613) **Description:** **Sample Barcode** 24-2613 **Vial Number:** 72
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 5:20:47 PM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\072F7201.D




**Name** FID1A

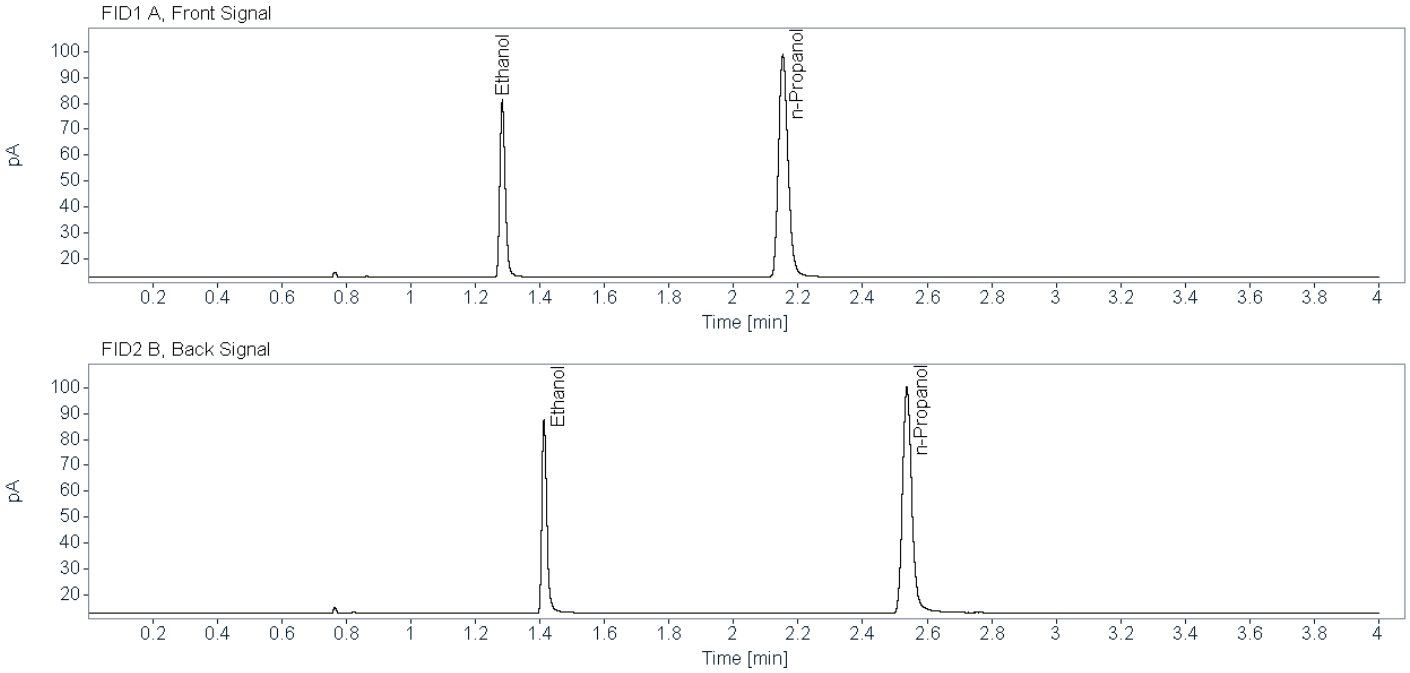
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79558 | 1.282 | 1.281 | 401.9029 | 0.4049 |
| n-Propanol | 0.79179 | 2.152 | 2.152 | 175.4316 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82689 | 1.410 | 1.410 | 407.3593 | 0.4068 |
| n-Propanol | 0.80439 | 2.536 | 2.535 | 174.2079 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Low QC (24-2614) **Description:** **Sample Barcode** 24-2614 **Vial Number:** 73
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 5:26:29 PM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\073F7301.D




**Name** FID1A

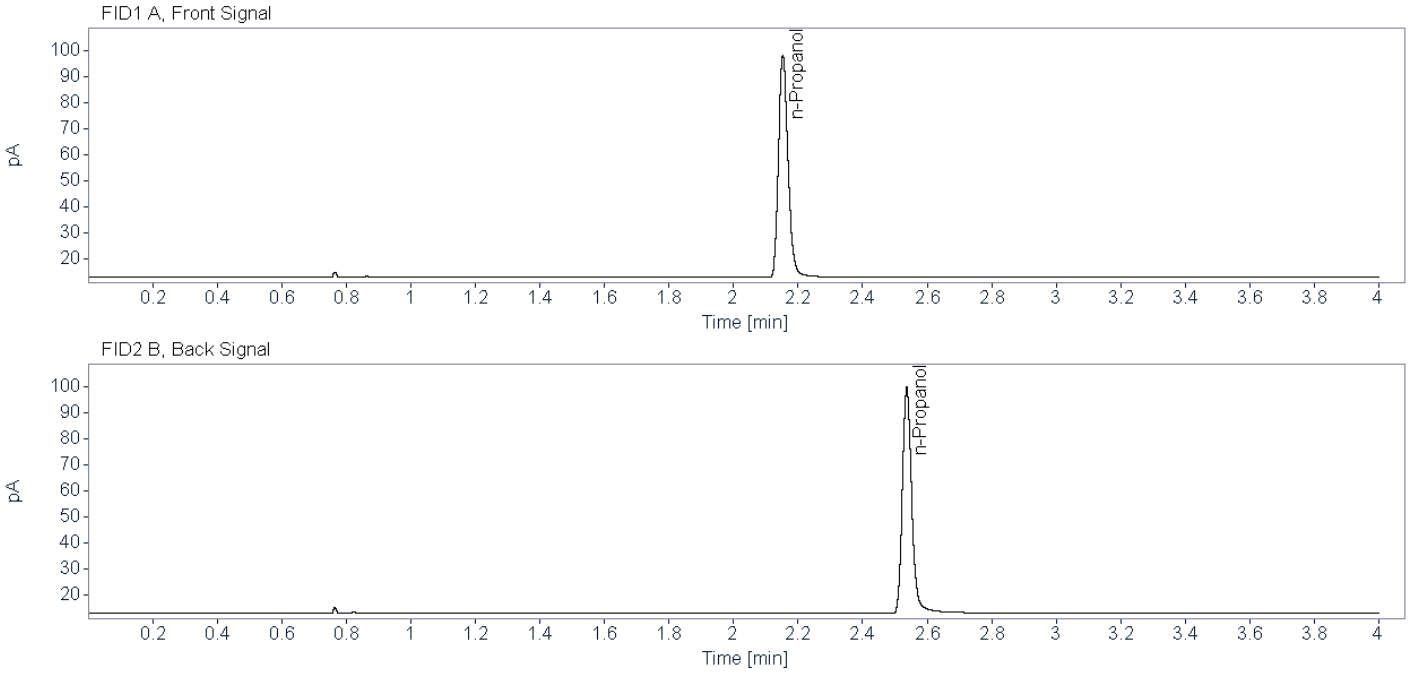
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74782 | 1.284 | 1.281 | 79.0652 | 0.0809 |
| n-Propanol | 0.79403 | 2.153 | 2.152 | 174.2803 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71884 | 1.413 | 1.410 | 79.3852 | 0.0811 |
| n-Propanol | 0.82085 | 2.537 | 2.535 | 172.3478 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** DI Water (24-2615) **Description:** **Sample Barcode** 24-2615 **Vial Number:** 74
**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 5:31:11 PM
**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\074F7401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.78744 | 2.153 | 2.152 | 173.4168 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.81596 | 2.537 | 2.535 | 171.7364 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-1968 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2877 | Aliquot 1: | 0.2878 |
| | Aliquot 2: | 0.2994 | Aliquot 2: | 0.3021 |

**Reported Result:** **0.294** **g/100 mL**

**Reported UM:** **0.048** **g/100 mL**

**Comments:**

Previously analyzed in BAC_20241113_KB -KB 12/17/2024

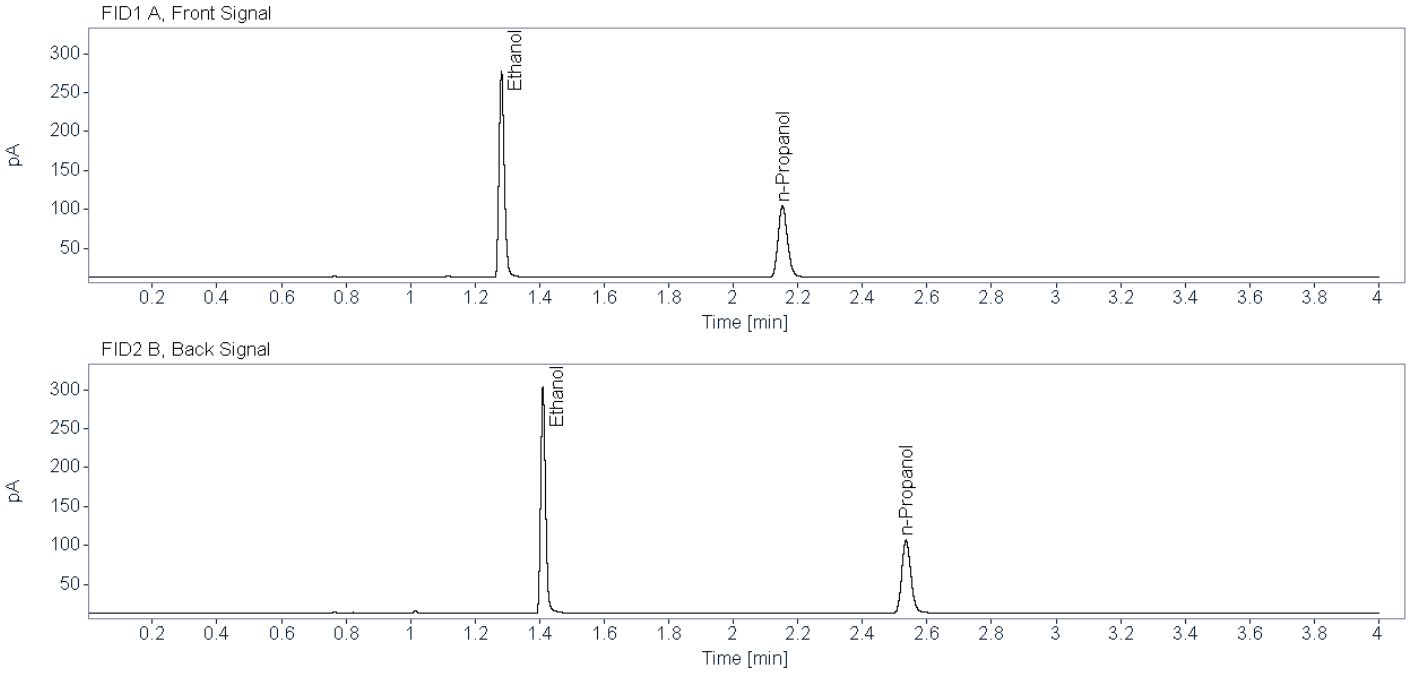
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-1968 001_001 (24-2553) **Description:** Alq 1 **Sample Barcode** 24-2553 **Vial Number:** 12

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 12:08:47 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\012F1201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78645 | 1.282 | 1.281 | 301.5114 | 0.2877 |
| n-Propanol | 0.80761 | 2.152 | 2.152 | 185.3954 | 0.0100 |

**Name** FID2B

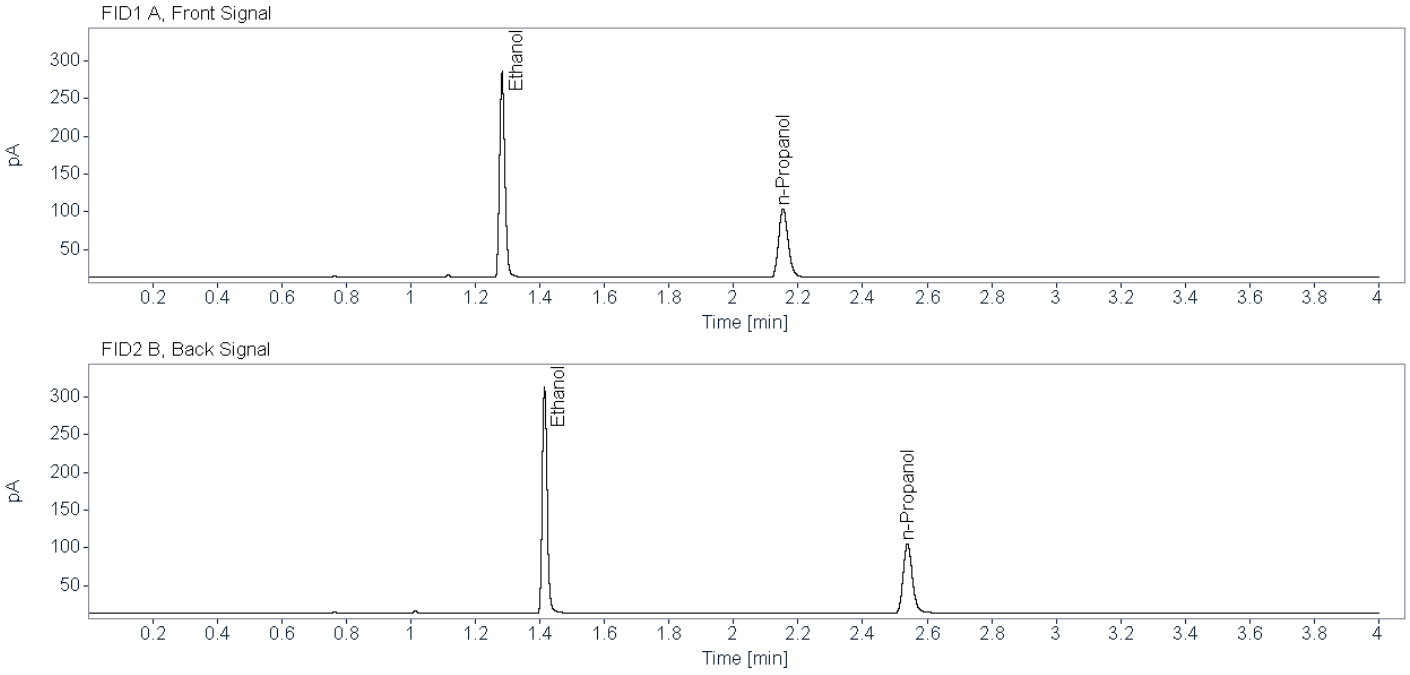
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78430 | 1.410 | 1.410 | 304.4653 | 0.2878 |
| n-Propanol | 0.83479 | 2.535 | 2.535 | 184.2363 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-1968 001_001 (24-2611) **Description:** Alq 2 **Sample Barcode** 24-2611 **Vial Number:** 70

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 5:10:23 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\070F7001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80634 | 1.283 | 1.281 | 312.0817 | 0.2994 |
| n-Propanol | 0.80104 | 2.153 | 2.152 | 184.3915 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.81403 | 1.414 | 1.410 | 316.0246 | 0.3021 |
| n-Propanol | 0.80950 | 2.539 | 2.535 | 182.1552 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2125 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0852 | Aliquot 1: | 0.0849 |
| | Aliquot 2: | 0.0886 | Aliquot 2: | 0.0895 |

**Reported Result:** **0.087** **g/100 mL**

**Reported UM:** **0.014** **g/100 mL**

**Comments:**

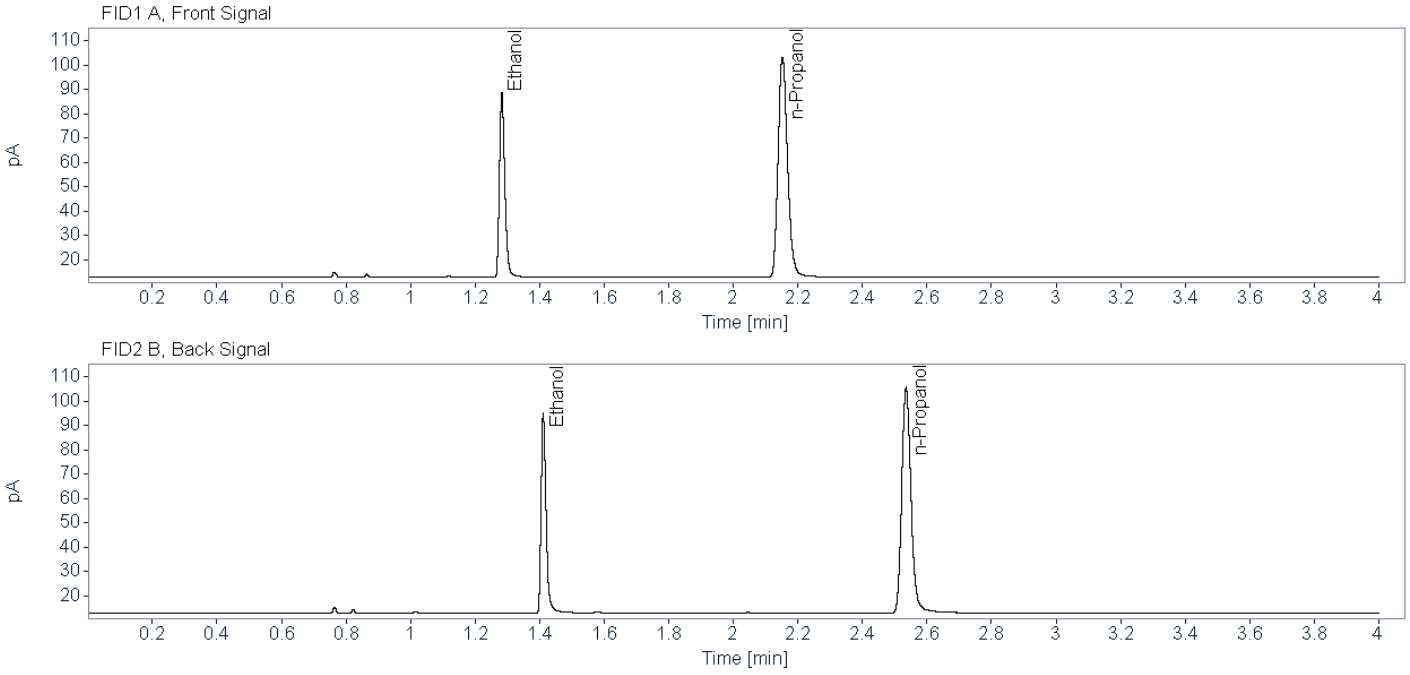
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2125 001_001 (24-2554) **Description:** Alq 1 **Sample Barcode** 24-2554 **Vial Number:** 13

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 12:14:28 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\013F1301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76023 | 1.283 | 1.281 | 87.4900 | 0.0852 |
| n-Propanol | 0.79204 | 2.152 | 2.152 | 183.0778 | 0.0100 |

**Name** FID2B

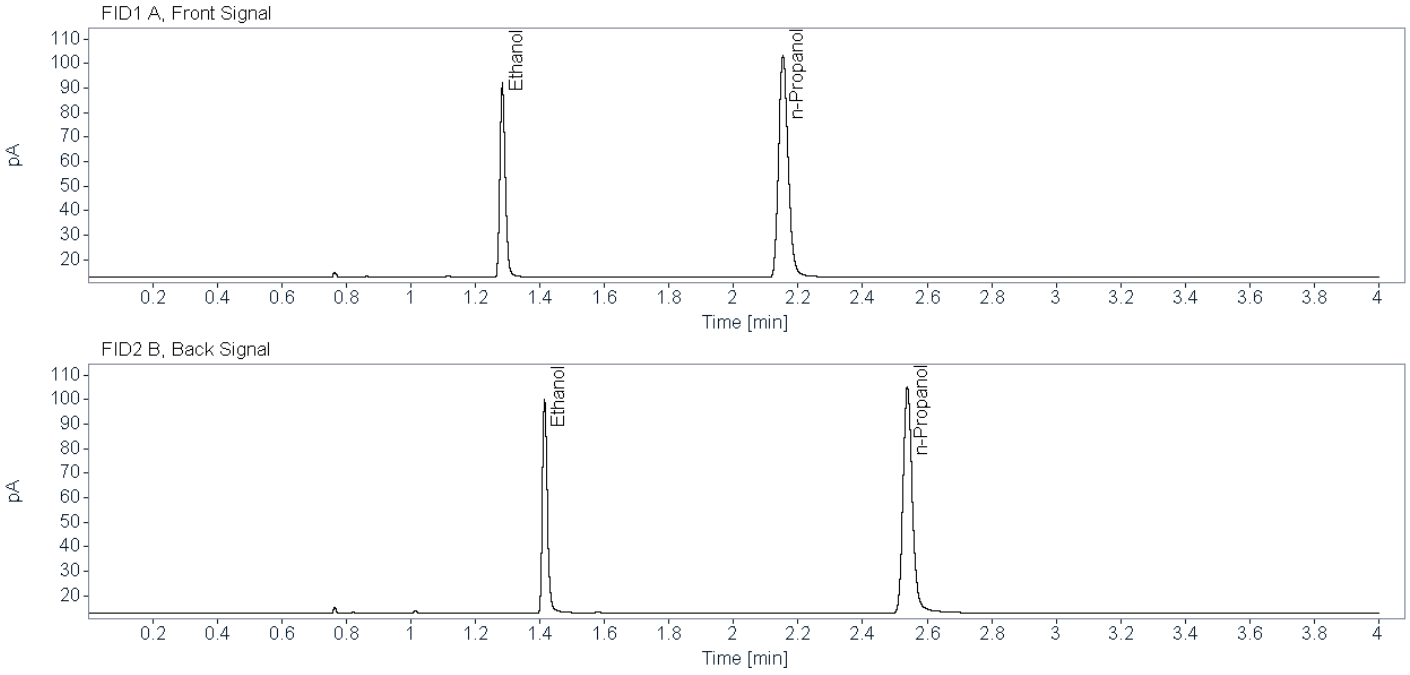
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73076 | 1.411 | 1.410 | 88.0284 | 0.0849 |
| n-Propanol | 0.83319 | 2.535 | 2.535 | 182.4710 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2125 001_001 (24-2610) **Description:** Alq 2 **Sample Barcode** 24-2610 **Vial Number:** 69

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 5:05:40 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\069F6901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77282 | 1.284 | 1.281 | 91.5794 | 0.0886 |
| n-Propanol | 0.80259 | 2.153 | 2.152 | 184.0806 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75632 | 1.415 | 1.410 | 92.7959 | 0.0895 |
| n-Propanol | 0.81410 | 2.539 | 2.535 | 182.3887 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2129 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1589 | Aliquot 1: | 0.1587 |
| | Aliquot 2: | 0.1675 | Aliquot 2: | 0.1687 |

**Reported Result:** **0.163** **g/100 mL**

**Reported UM:** **0.026** **g/100 mL**

**Comments:**

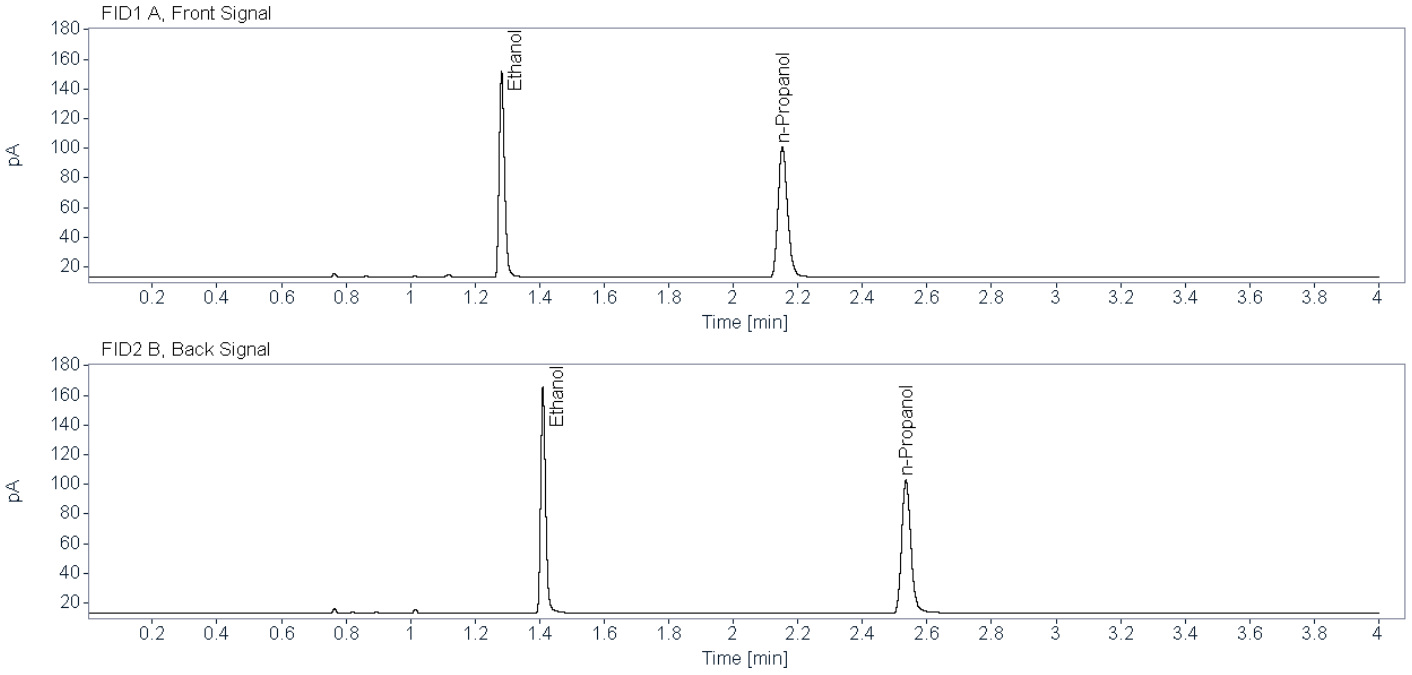
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2129 001_001 (24-2555) **Description:** Alq 1 **Sample Barcode** 24-2555 **Vial Number:** 14

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 12:19:11 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\014F1401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76801 | 1.282 | 1.281 | 159.6165 | 0.1589 |
| n-Propanol | 0.79885 | 2.152 | 2.152 | 178.2043 | 0.0100 |

**Name** FID2B

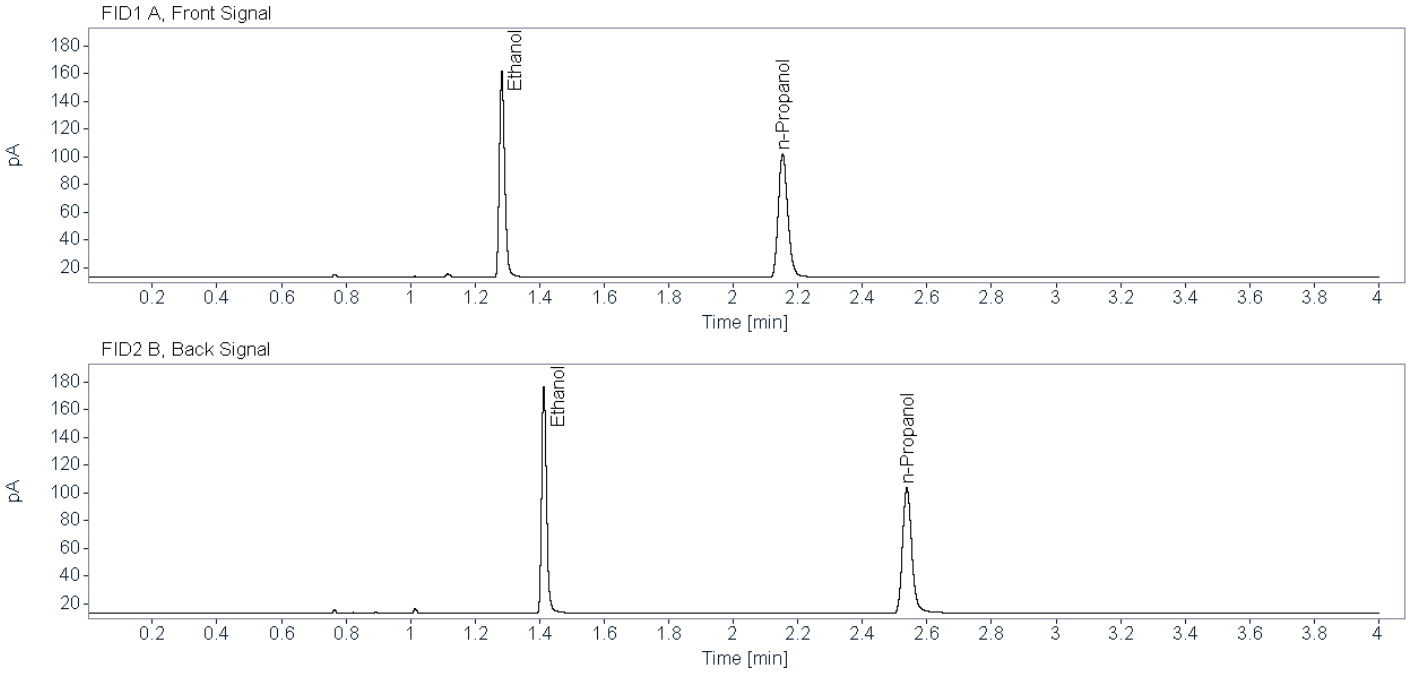
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76134 | 1.410 | 1.410 | 161.6721 | 0.1587 |
| n-Propanol | 0.83547 | 2.535 | 2.535 | 178.0317 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2129 001_001 (24-2609) **Description:** Alq 2 **Sample Barcode** 24-2609 **Vial Number:** 68

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 4:59:59 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\068F6801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77539 | 1.283 | 1.281 | 170.5921 | 0.1675 |
| n-Propanol | 0.79067 | 2.153 | 2.152 | 180.5316 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76684 | 1.413 | 1.410 | 172.8934 | 0.1687 |
| n-Propanol | 0.82633 | 2.538 | 2.535 | 179.0415 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2134 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0964 | Aliquot 1: | 0.0964 |
| | Aliquot 2: | 0.1034 | Aliquot 2: | 0.1040 |

**Reported Result: 0.100 g/100 mL**

**Reported UM: 0.016 g/100 mL**

**Comments:**

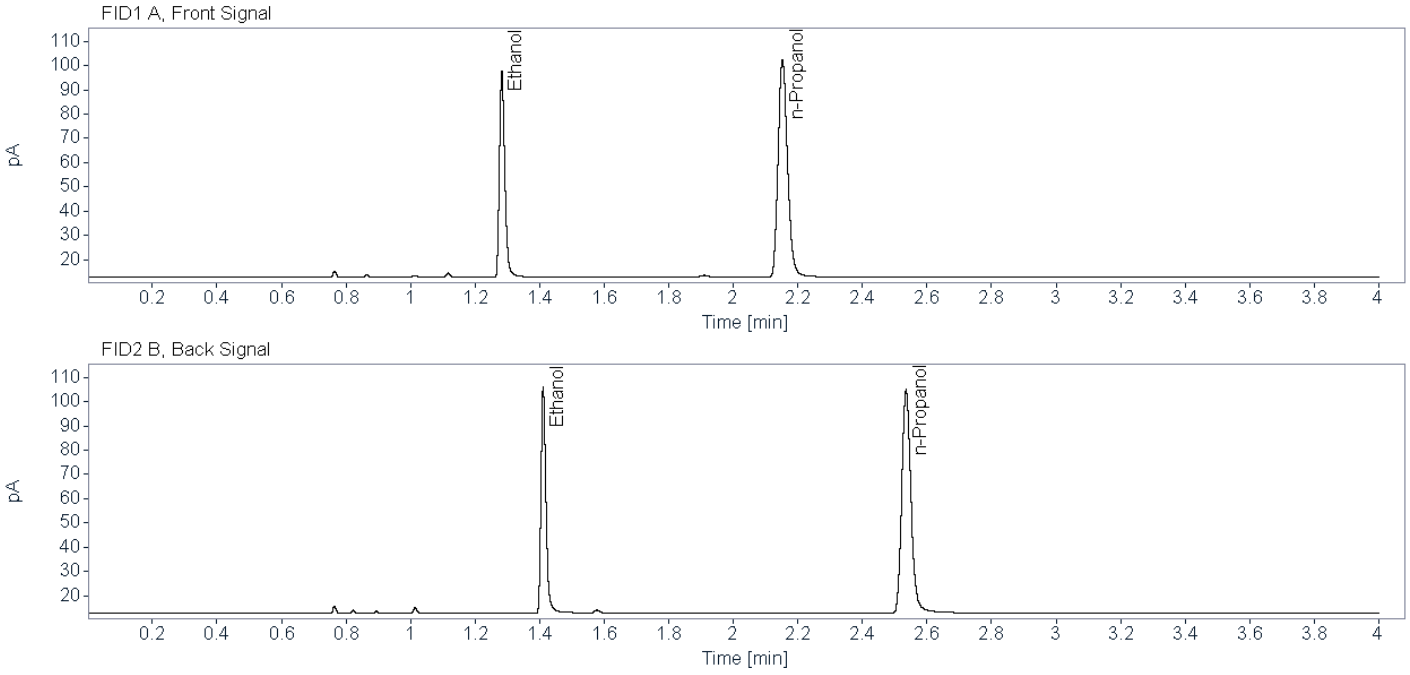
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2134 001_001 (24-2556) **Description:** Alq 1 **Sample Barcode** 24-2556 **Vial Number:** 15

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 12:24:52 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\015F1501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74844 | 1.283 | 1.281 | 98.0820 | 0.0964 |
| n-Propanol | 0.79053 | 2.152 | 2.152 | 181.0461 | 0.0100 |

**Name** FID2B

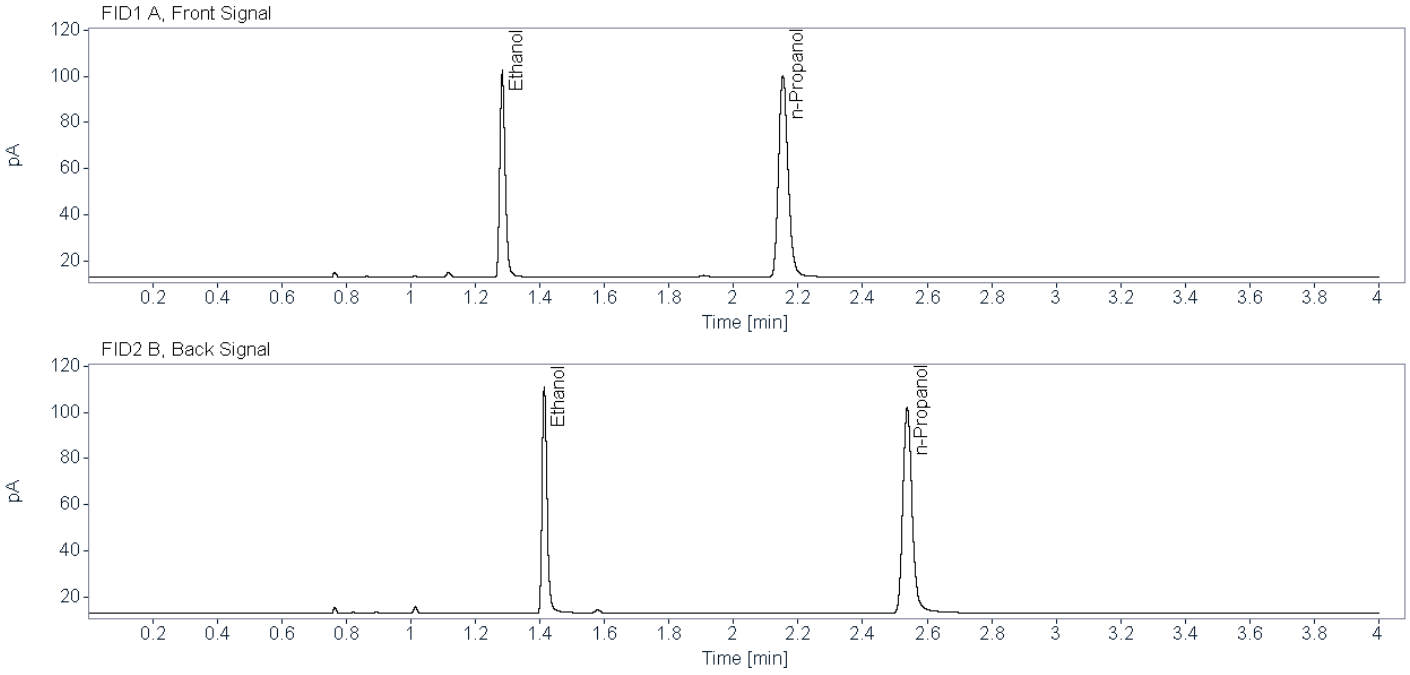
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75373 | 1.411 | 1.410 | 99.0862 | 0.0964 |
| n-Propanol | 0.83206 | 2.535 | 2.535 | 180.6233 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2134 001_001 (24-2608) **Description:** Alq 2 **Sample Barcode** 24-2608 **Vial Number:** 67

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 4:55:16 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\067F6701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76324 | 1.284 | 1.281 | 103.2476 | 0.1034 |
| n-Propanol | 0.80071 | 2.153 | 2.152 | 177.6213 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76904 | 1.414 | 1.410 | 104.2646 | 0.1040 |
| n-Propanol | 0.81946 | 2.538 | 2.535 | 175.9958 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2135 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1256 | Aliquot 1: | 0.1260 |
| | Aliquot 2: | 0.1207 | Aliquot 2: | 0.1213 |

**Reported Result:** **0.123** **g/100 mL**

**Reported UM:** **0.020** **g/100 mL**

**Comments:**

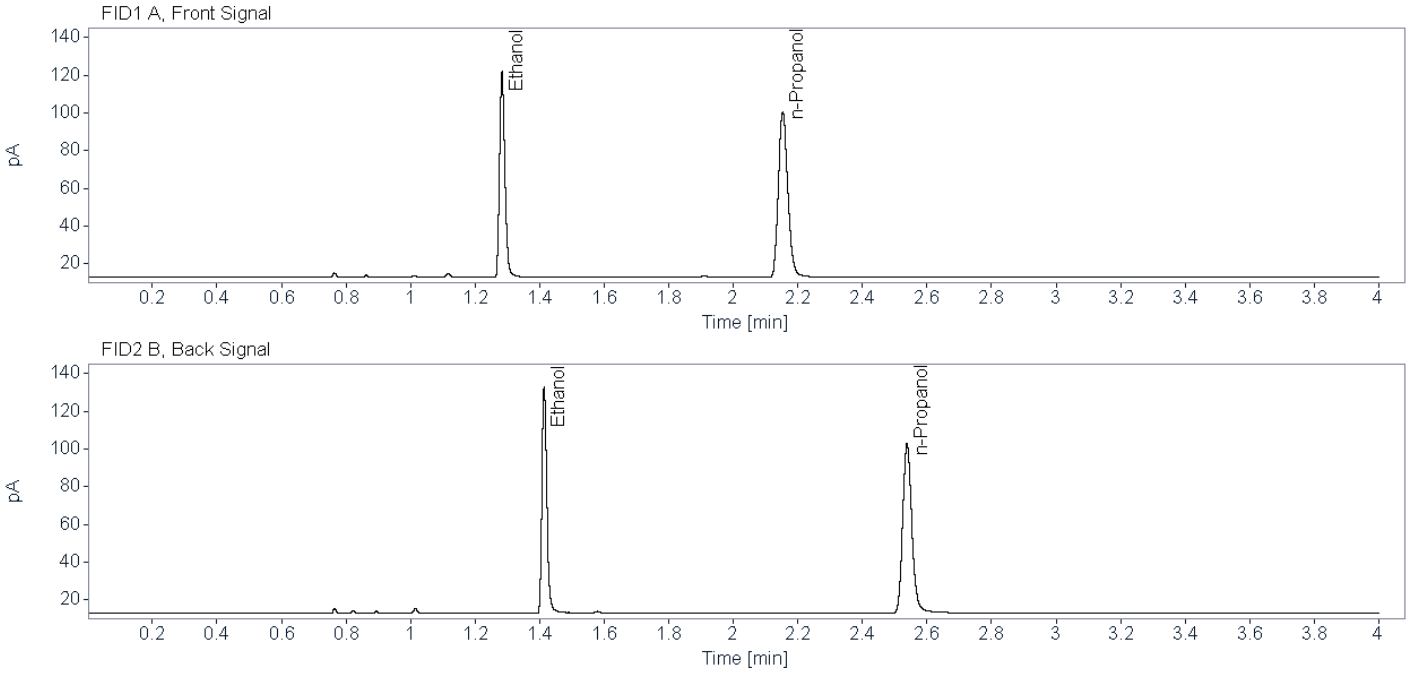
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2135 001_001 (24-2557) **Description:** Alq 1 **Sample Barcode** 24-2557 **Vial Number:** 16

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 12:29:35 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\016F1601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77266 | 1.283 | 1.281 | 125.3827 | 0.1256 |
| n-Propanol | 0.79967 | 2.153 | 2.152 | 177.2604 | 0.0100 |

**Name** FID2B

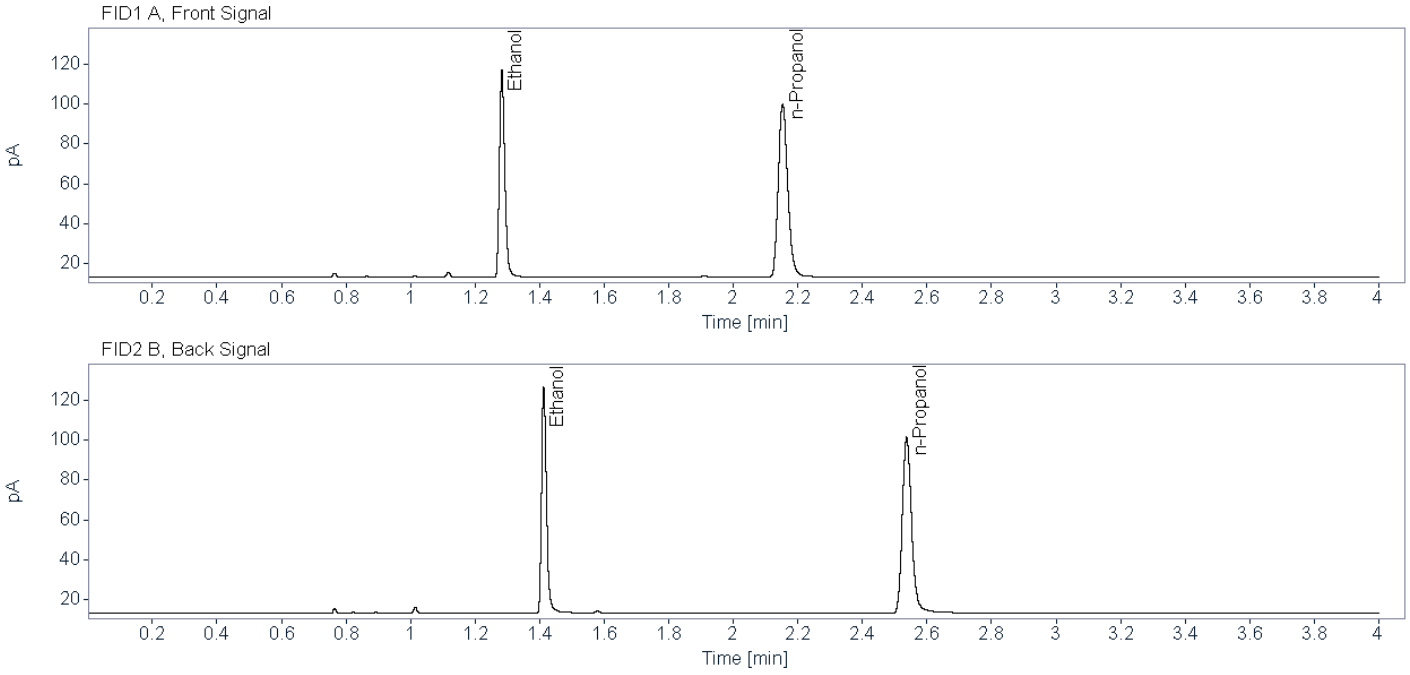
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77222 | 1.414 | 1.410 | 127.0008 | 0.1260 |
| n-Propanol | 0.83494 | 2.538 | 2.535 | 176.4642 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2135 001_001 (24-2607) **Description:** Alq 2 **Sample Barcode** 24-2607 **Vial Number:** 66

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 4:49:35 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\066F6601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77213 | 1.283 | 1.281 | 119.9769 | 0.1207 |
| n-Propanol | 0.79576 | 2.153 | 2.152 | 176.6551 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74530 | 1.413 | 1.410 | 121.3028 | 0.1213 |
| n-Propanol | 0.81522 | 2.537 | 2.535 | 175.1402 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2136 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0000 | Aliquot 1: | 0.0000 |
| | Aliquot 2: | 0.0000 | Aliquot 2: | 0.0000 |

**Reported Result:** **none detected**

**Reported UM:** _____

**Comments:**

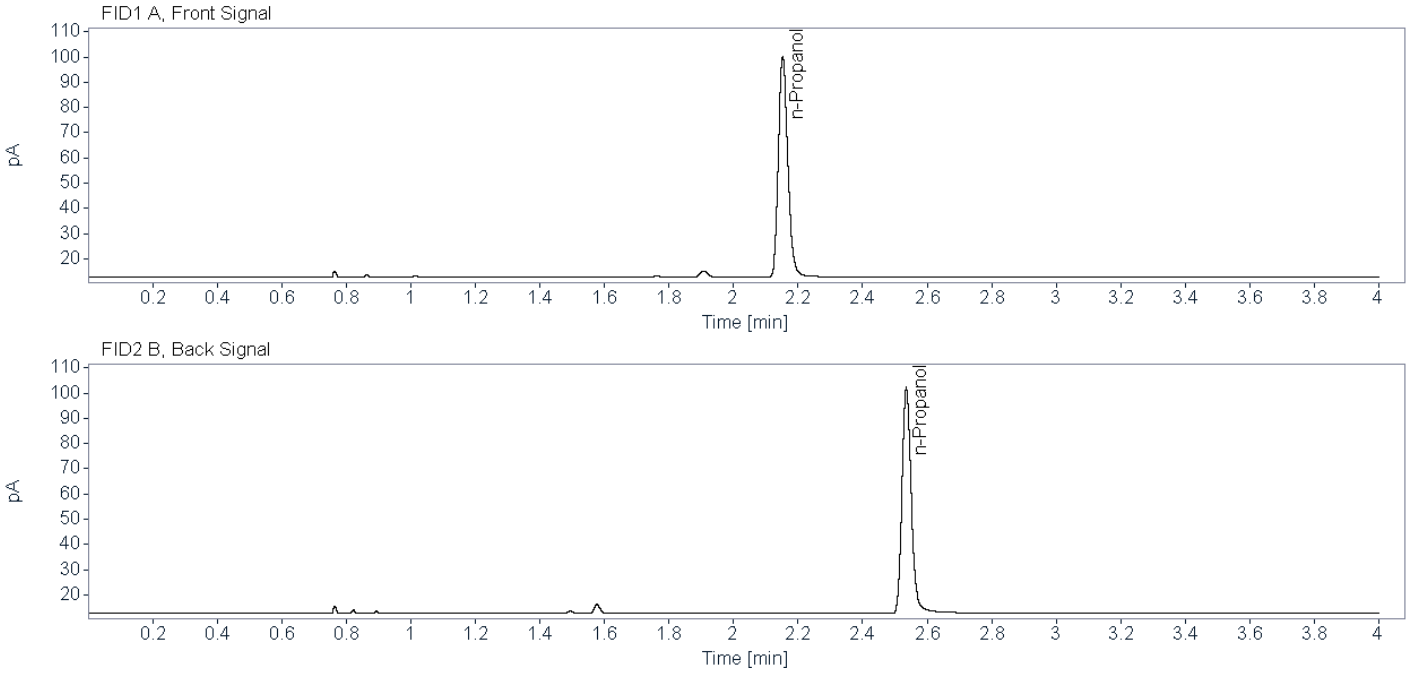
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2136 001_001 (24-2558) **Description:** Alq 1 **Sample Barcode** 24-2558 **Vial Number:** 17

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 12:35:16 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\017F1701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.79572 | 2.152 | 2.152 | 176.7761 | 0.0100 |

**Name** FID2B

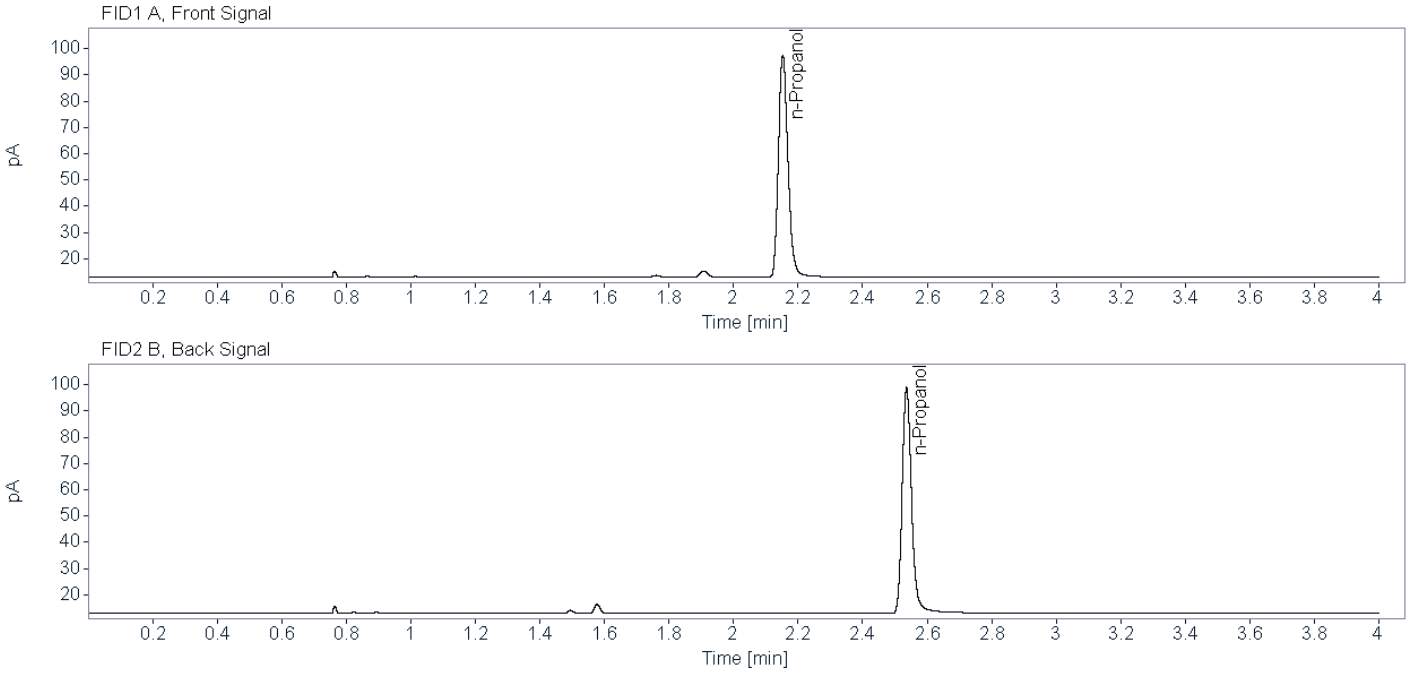
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.81522 | 2.535 | 2.535 | 176.4190 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2136 001_001 (24-2606) **Description:** Alq 2 **Sample Barcode** 24-2606 **Vial Number:** 65

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 4:44:52 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\065F6501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.79216 | 2.153 | 2.152 | 171.9823 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.80859 | 2.536 | 2.535 | 170.6163 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2138 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0000 | Aliquot 1: | 0.0000 |
| | Aliquot 2: | 0.0000 | Aliquot 2: | 0.0000 |

**Reported Result:** **none detected**

**Reported UM:** _____

**Comments:**

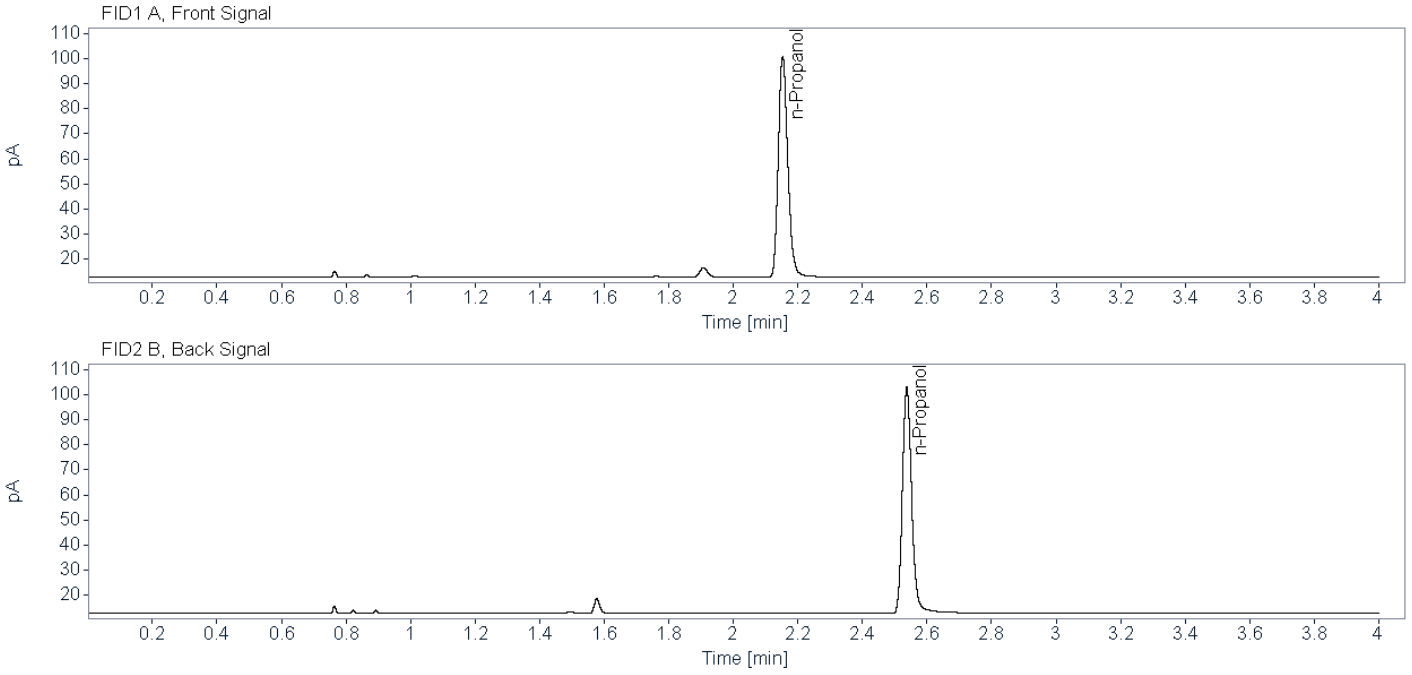
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2138 001_001 (24-2559) **Description:** Alq 1 **Sample Barcode** 24-2559 **Vial Number:** 18

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 12:39:59 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\018F1801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.79221 | 2.153 | 2.152 | 178.4918 | 0.0100 |

**Name** FID2B

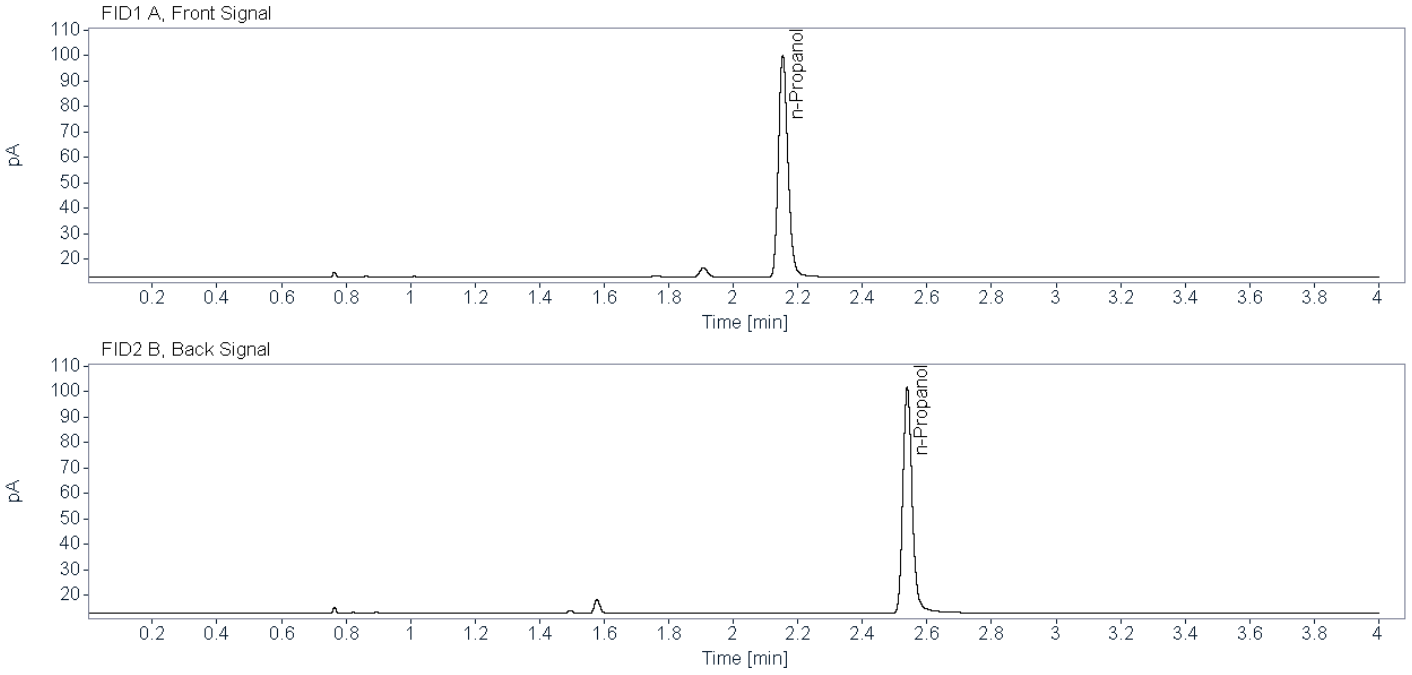
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.82723 | 2.537 | 2.535 | 177.6322 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2138 001_001 (24-2605) **Description:** Alq 2 **Sample Barcode** 24-2605 **Vial Number:** 64

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 4:39:11 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\064F6401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.80142 | 2.153 | 2.152 | 177.4234 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.82080 | 2.539 | 2.535 | 175.7886 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2139 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0705 | Aliquot 1: | 0.0707 |
| | Aliquot 2: | 0.0712 | Aliquot 2: | 0.0716 |

**Reported Result: 0.071 g/100 mL**

**Reported UM: 0.011 g/100 mL**

**Comments:**

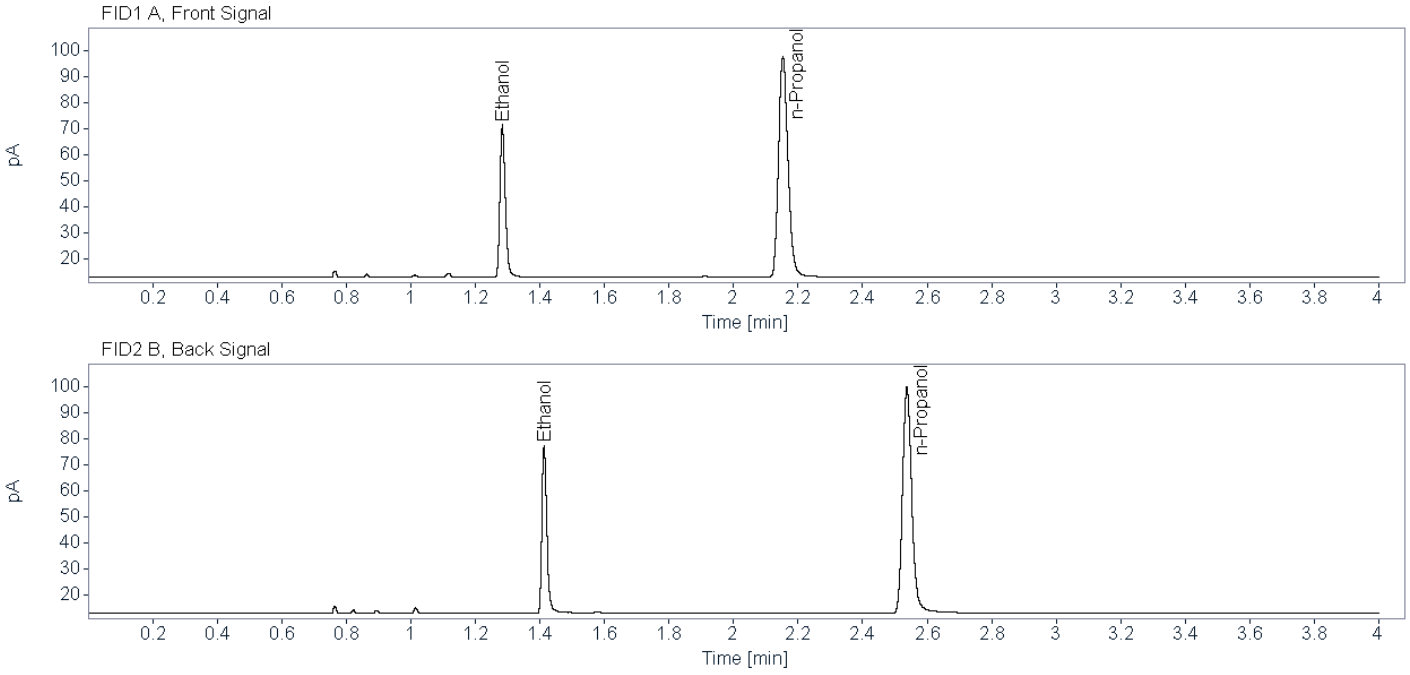
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2139 001_001 (24-2560) **Description:** Alq 1 **Sample Barcode** 24-2560 **Vial Number:** 19

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 12:45:40 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\019F1901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75221 | 1.284 | 1.281 | 67.8752 | 0.0705 |
| n-Propanol | 0.79651 | 2.153 | 2.152 | 172.0070 | 0.0100 |

**Name** FID2B

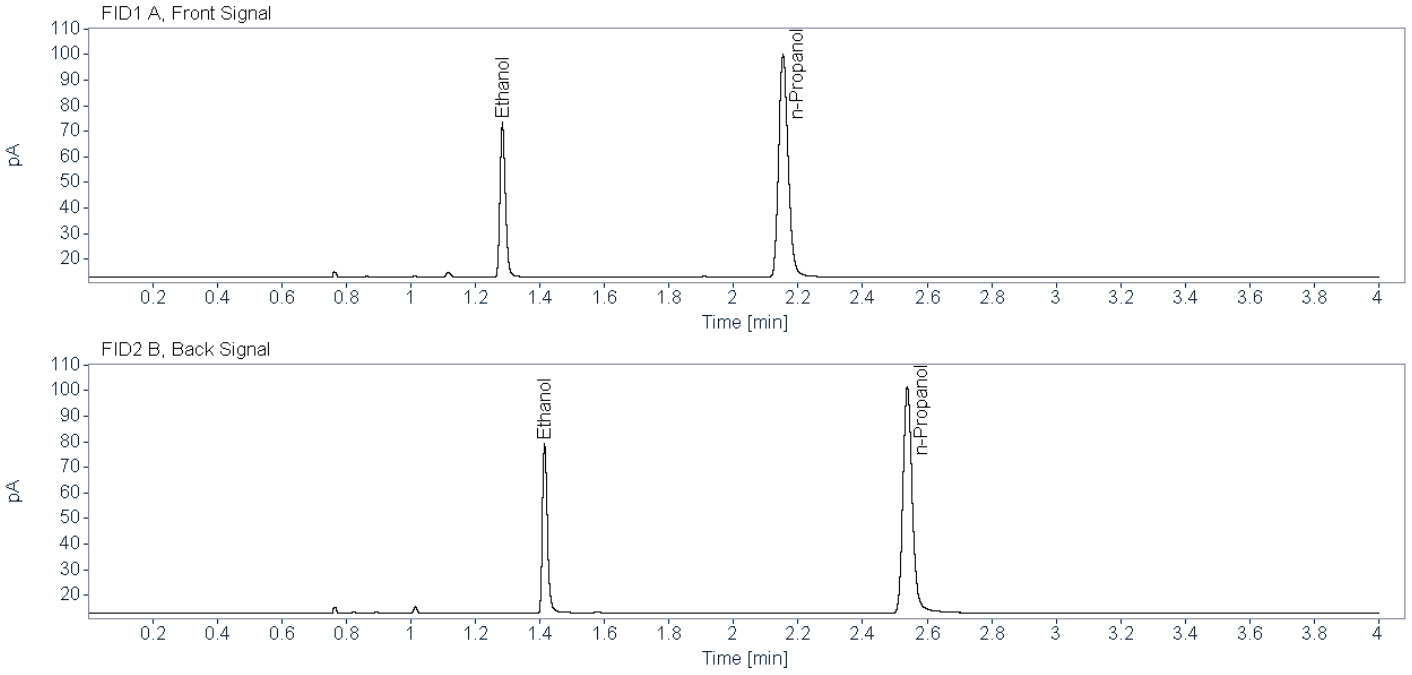
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73864 | 1.413 | 1.410 | 68.5919 | 0.0707 |
| n-Propanol | 0.82737 | 2.537 | 2.535 | 171.2254 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2139 001_001 (24-2604) **Description:** Alq 2 **Sample Barcode** 24-2604 **Vial Number:** 63

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 4:34:28 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\063F6301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77337 | 1.284 | 1.281 | 70.3321 | 0.0712 |
| n-Propanol | 0.80882 | 2.153 | 2.152 | 176.5275 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74224 | 1.415 | 1.410 | 71.0536 | 0.0716 |
| n-Propanol | 0.82053 | 2.538 | 2.535 | 175.0539 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2155 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1324 | Aliquot 1: | 0.1323 |
| | Aliquot 2: | 0.1357 | Aliquot 2: | 0.1356 |

**Reported Result: 0.134 g/100 mL**

**Reported UM: 0.022 g/100 mL**

**Comments:**

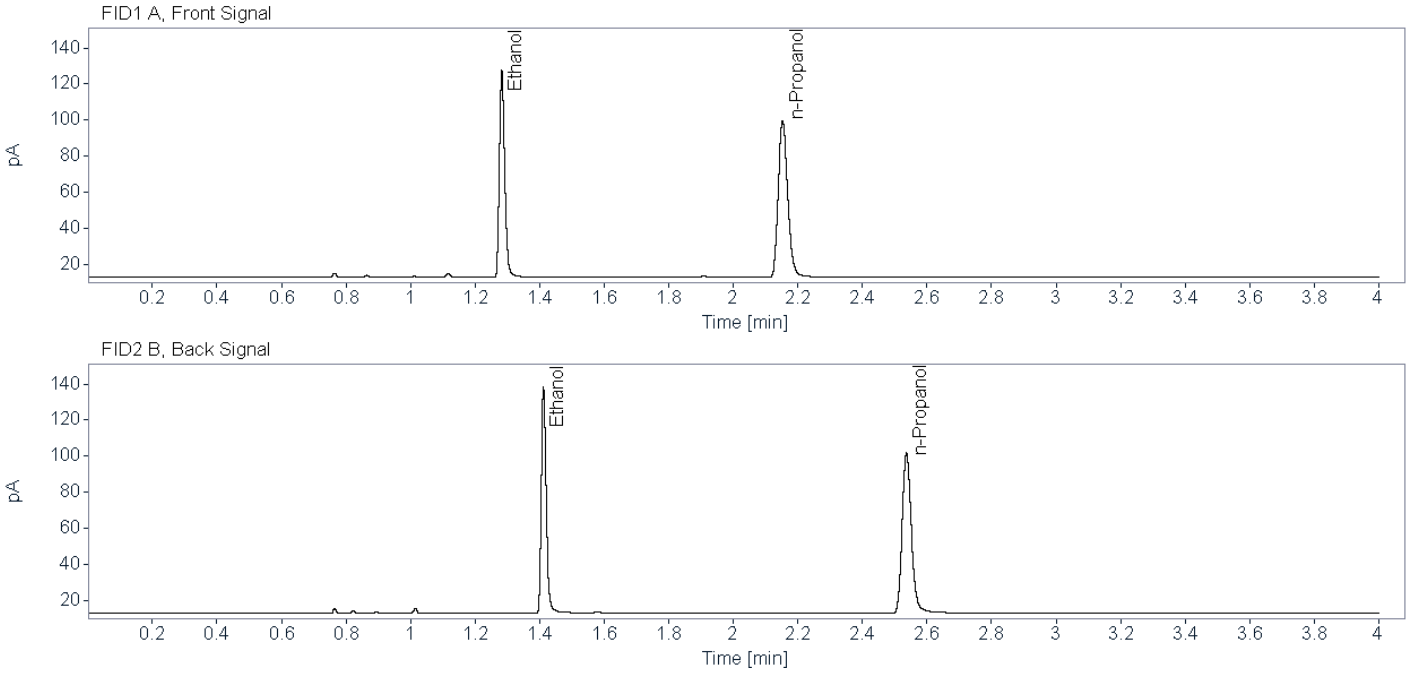
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2155 001_001 (24-2561) **Description:** Alq 1 **Sample Barcode** 24-2561 **Vial Number:** 20

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 12:50:23 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\020F2001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77193 | 1.283 | 1.281 | 131.1748 | 0.1324 |
| n-Propanol | 0.79171 | 2.153 | 2.152 | 175.8750 | 0.0100 |

**Name** FID2B

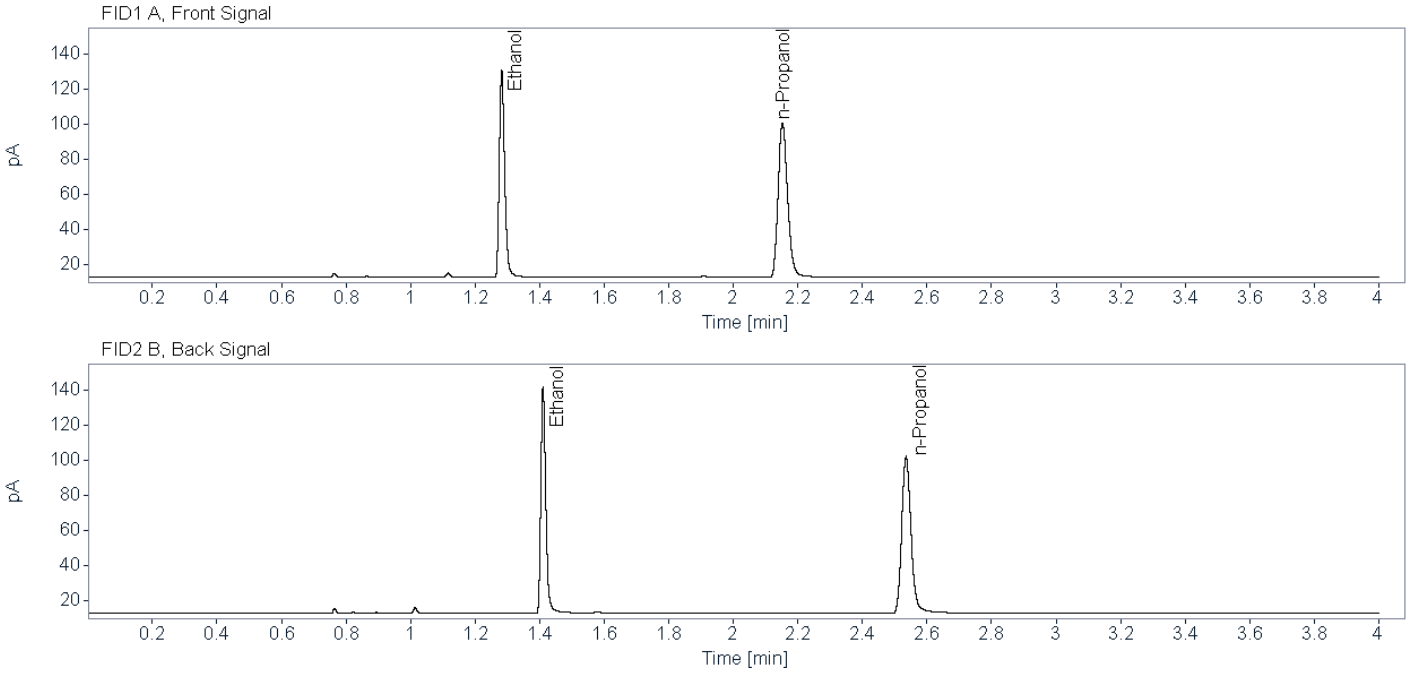
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76115 | 1.412 | 1.410 | 132.5875 | 0.1323 |
| n-Propanol | 0.81793 | 2.537 | 2.535 | 175.4793 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2155 001_001 (24-2603) **Description:** Alq 2 **Sample Barcode** 24-2603 **Vial Number:** 62

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 4:28:47 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\062F6201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74987 | 1.283 | 1.281 | 135.9293 | 0.1357 |
| n-Propanol | 0.78689 | 2.152 | 2.152 | 177.8912 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73893 | 1.410 | 1.410 | 137.5636 | 0.1356 |
| n-Propanol | 0.81778 | 2.535 | 2.535 | 177.5518 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2156 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2778 | Aliquot 1: | 0.2806 |
| | Aliquot 2: | 0.2713 | Aliquot 2: | 0.2730 |

**Reported Result: 0.275 g/100 mL**

**Reported UM: 0.044 g/100 mL**

**Comments:**

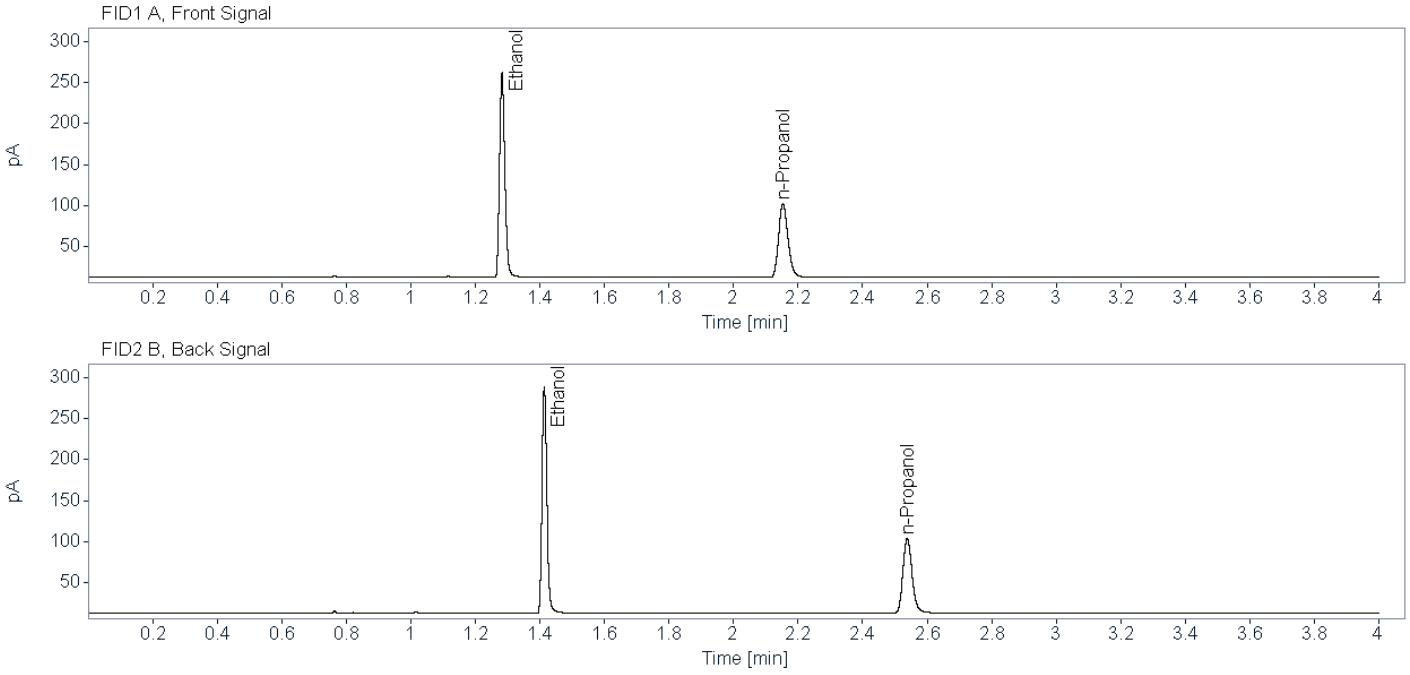
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2156 001_001 (24-2562) **Description:** Alq 1 **Sample Barcode** 24-2562 **Vial Number:** 21

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 12:56:04 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\021F2101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79201 | 1.283 | 1.281 | 284.5265 | 0.2778 |
| n-Propanol | 0.80144 | 2.153 | 2.152 | 181.1756 | 0.0100 |

**Name** FID2B

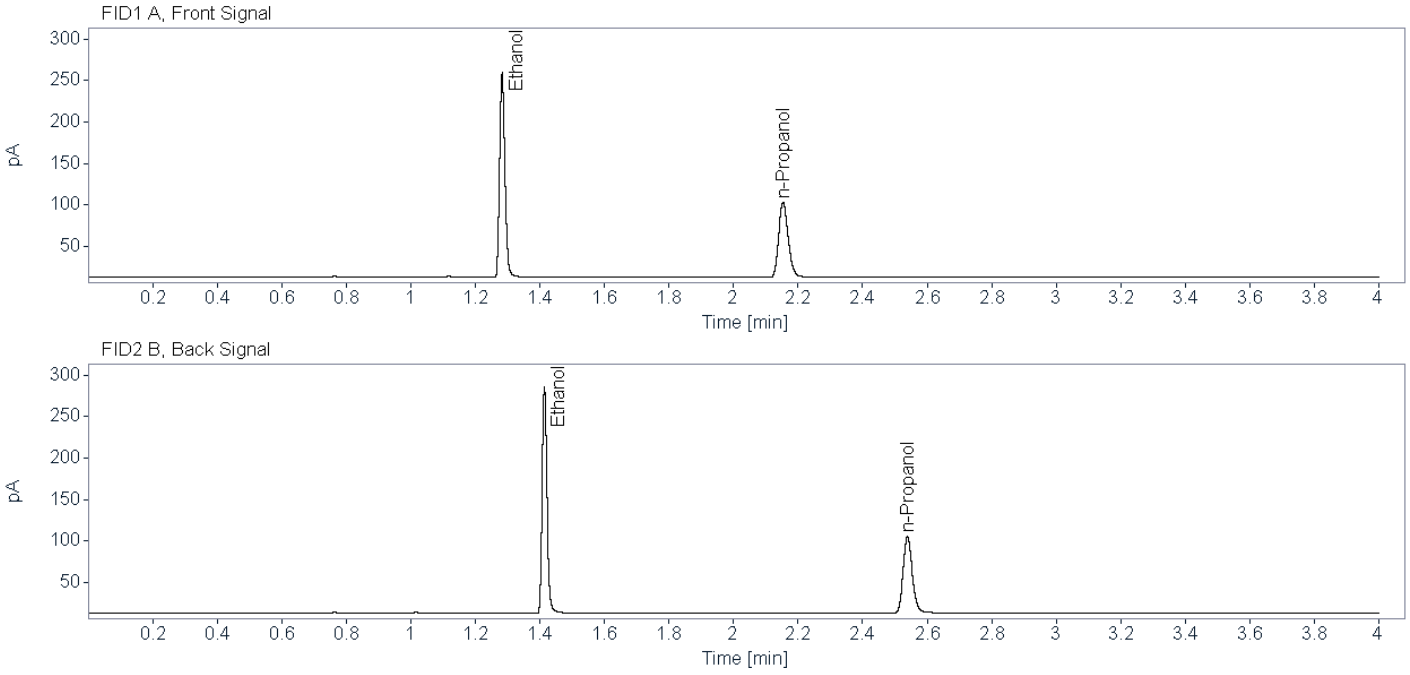
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82212 | 1.414 | 1.410 | 289.0554 | 0.2806 |
| n-Propanol | 0.83315 | 2.538 | 2.535 | 179.4250 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2156 001_001 (24-2602) **Description:** Alq 2 **Sample Barcode** 24-2602 **Vial Number:** 61

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 4:24:05 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\061F6101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79246 | 1.283 | 1.281 | 282.6359 | 0.2713 |
| n-Propanol | 0.79787 | 2.153 | 2.152 | 184.3005 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83082 | 1.414 | 1.410 | 286.8503 | 0.2730 |
| n-Propanol | 0.81472 | 2.539 | 2.535 | 183.0740 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2177 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0129 | Aliquot 1: | 0.0132 |
| | Aliquot 2: | 0.0132 | Aliquot 2: | 0.0135 |

**Reported Result: 0.013 g/100 mL**

**Reported UM: 0.002 g/100 mL**

**Comments:**

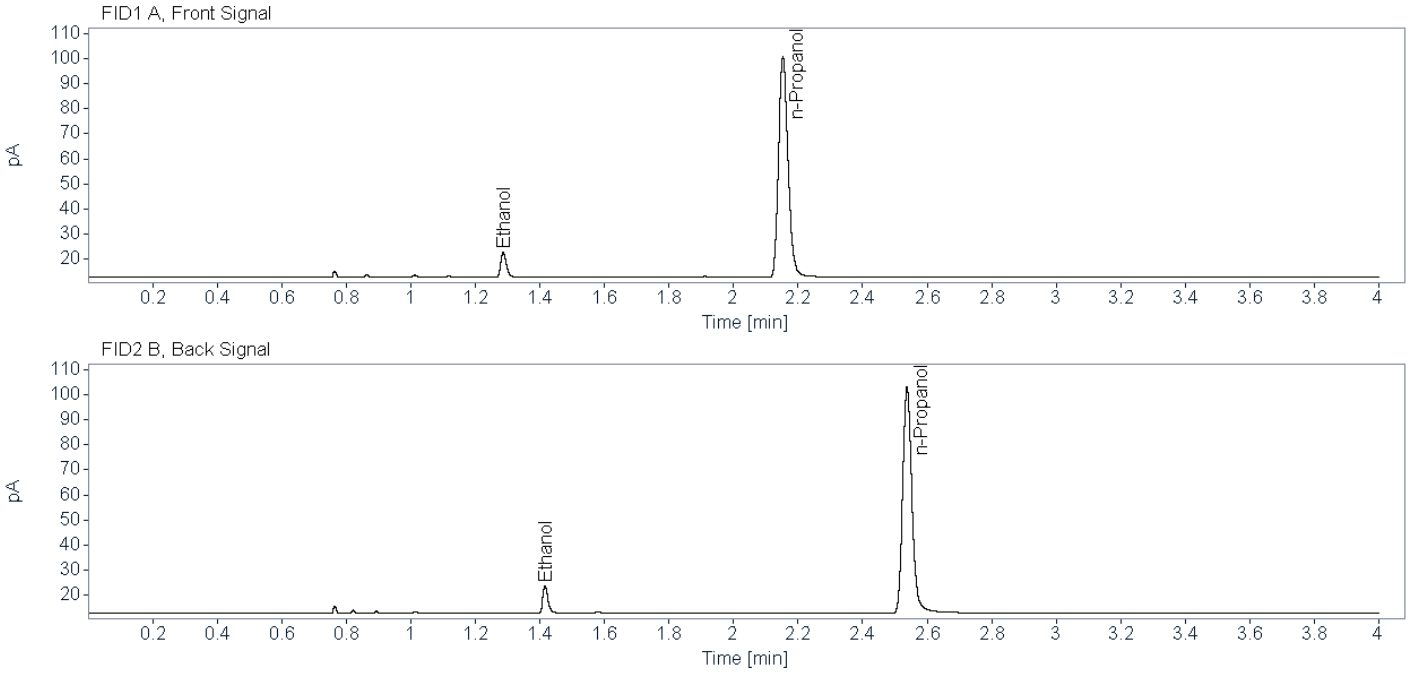
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2177 001_001 (24-2564) **Description:** Alq 1 **Sample Barcode** 24-2564 **Vial Number:** 23

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 1:06:28 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\023F2301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73860 | 1.286 | 1.281 | 12.1220 | 0.0129 |
| n-Propanol | 0.79509 | 2.153 | 2.152 | 178.1030 | 0.0100 |

**Name** FID2B

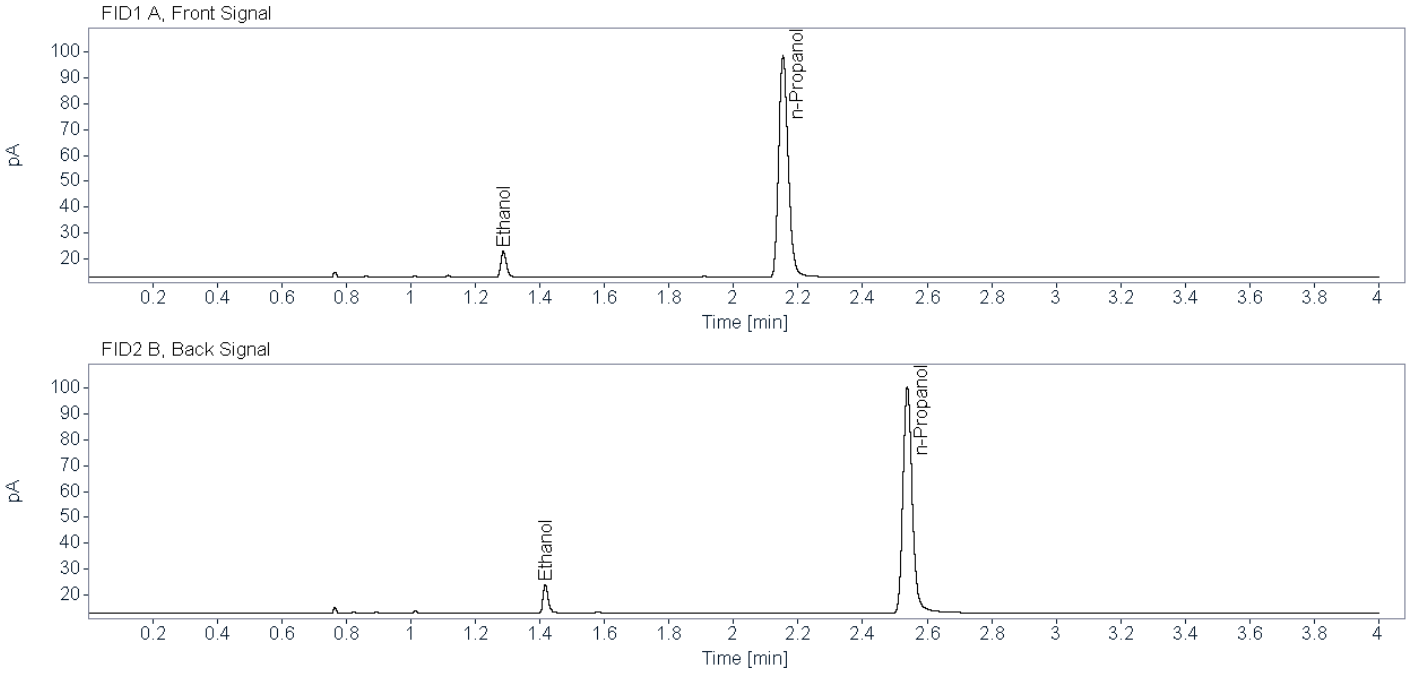
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.70588 | 1.416 | 1.410 | 12.2414 | 0.0132 |
| n-Propanol | 0.83223 | 2.537 | 2.535 | 177.4329 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2177 001_001 (24-2600) **Description:** Alq 2 **Sample Barcode** 24-2600 **Vial Number:** 59

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 4:13:41 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\059F5901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73119 | 1.287 | 1.281 | 12.1357 | 0.0132 |
| n-Propanol | 0.79332 | 2.153 | 2.152 | 173.9027 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73241 | 1.417 | 1.410 | 12.3205 | 0.0135 |
| n-Propanol | 0.82435 | 2.538 | 2.535 | 173.2462 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2178 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2188 | Aliquot 1: | 0.2199 |
| | Aliquot 2: | 0.2278 | Aliquot 2: | 0.2288 |

**Reported Result: 0.223 g/100 mL**

**Reported UM: 0.036 g/100 mL**

**Comments:**

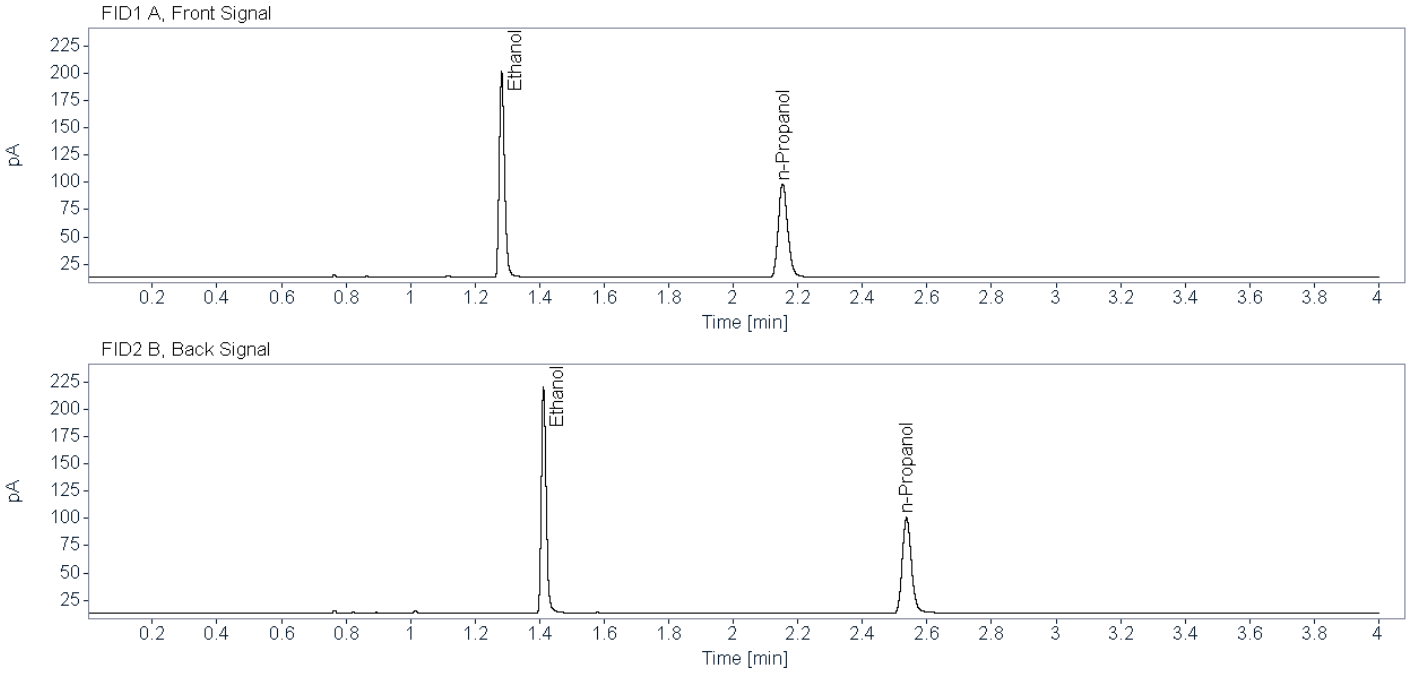
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2178 001_001 (24-2565) **Description:** Alq 1 **Sample Barcode** 24-2565 **Vial Number:** 24

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 1:11:12 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\024F2401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78092 | 1.283 | 1.281 | 215.0514 | 0.2188 |
| n-Propanol | 0.79407 | 2.153 | 2.152 | 174.0687 | 0.0100 |

**Name** FID2B

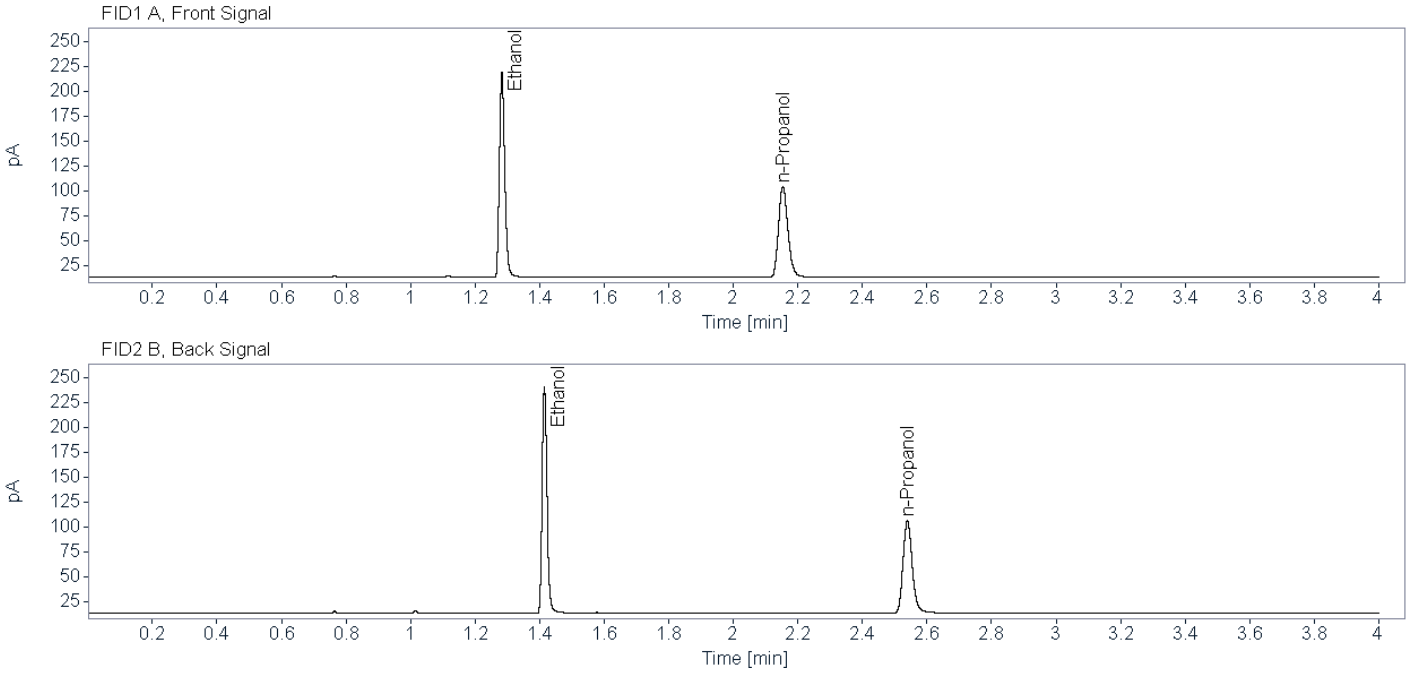
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78171 | 1.412 | 1.410 | 218.0437 | 0.2199 |
| n-Propanol | 0.82217 | 2.537 | 2.535 | 172.8911 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2178 001_001 (24-2599) **Description:** Alq 2 **Sample Barcode** 24-2599 **Vial Number:** 58

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 4:07:59 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\058F5801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79580 | 1.283 | 1.281 | 237.5809 | 0.2278 |
| n-Propanol | 0.79437 | 2.153 | 2.152 | 184.6650 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82144 | 1.415 | 1.410 | 241.1926 | 0.2288 |
| n-Propanol | 0.81555 | 2.539 | 2.535 | 183.7579 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2179 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1061 | Aliquot 1: | 0.1055 |
| | Aliquot 2: | 0.1108 | Aliquot 2: | 0.1118 |

**Reported Result: 0.108 g/100 mL**

**Reported UM: 0.017 g/100 mL**

**Comments:**

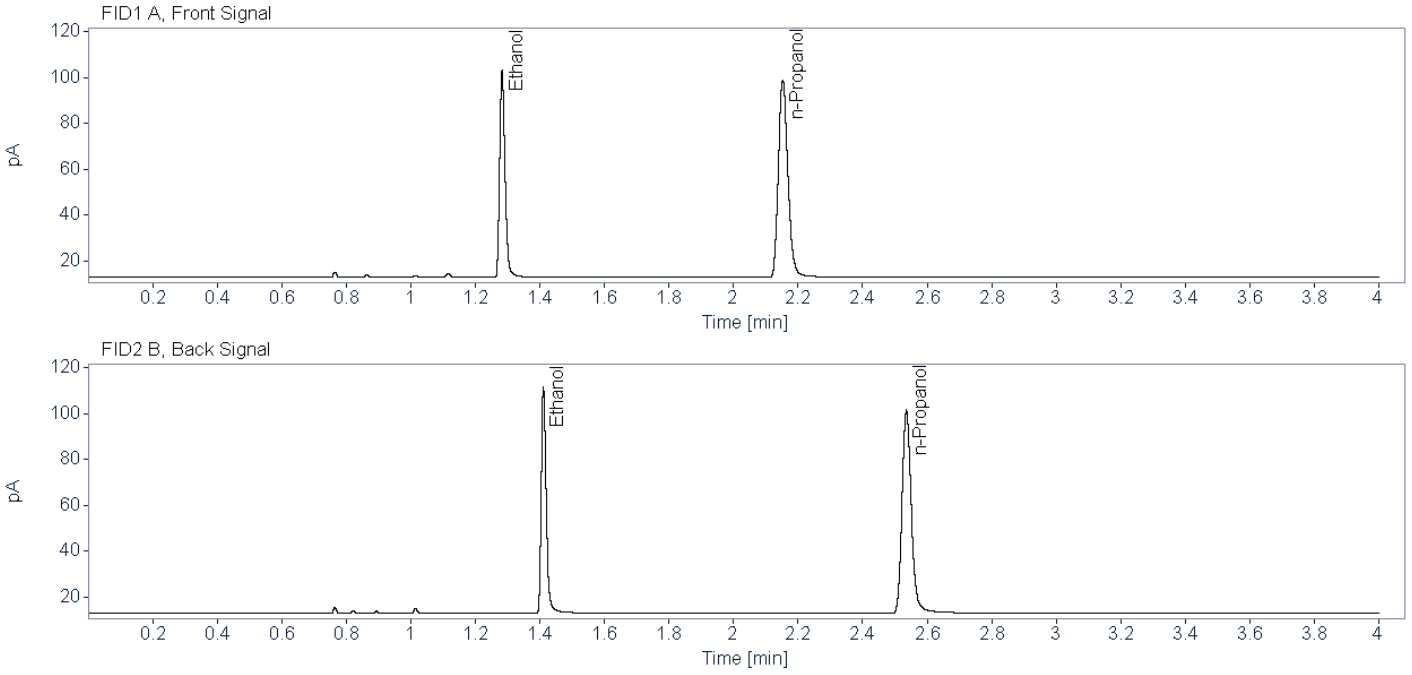
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2179 001_001 (24-2566) **Description:** Alq 1 **Sample Barcode** 24-2566 **Vial Number:** 25

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 1:16:52 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\025F2501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75205 | 1.283 | 1.281 | 104.2704 | 0.1061 |
| n-Propanol | 0.79356 | 2.152 | 2.152 | 174.7405 | 0.0100 |

**Name** FID2B

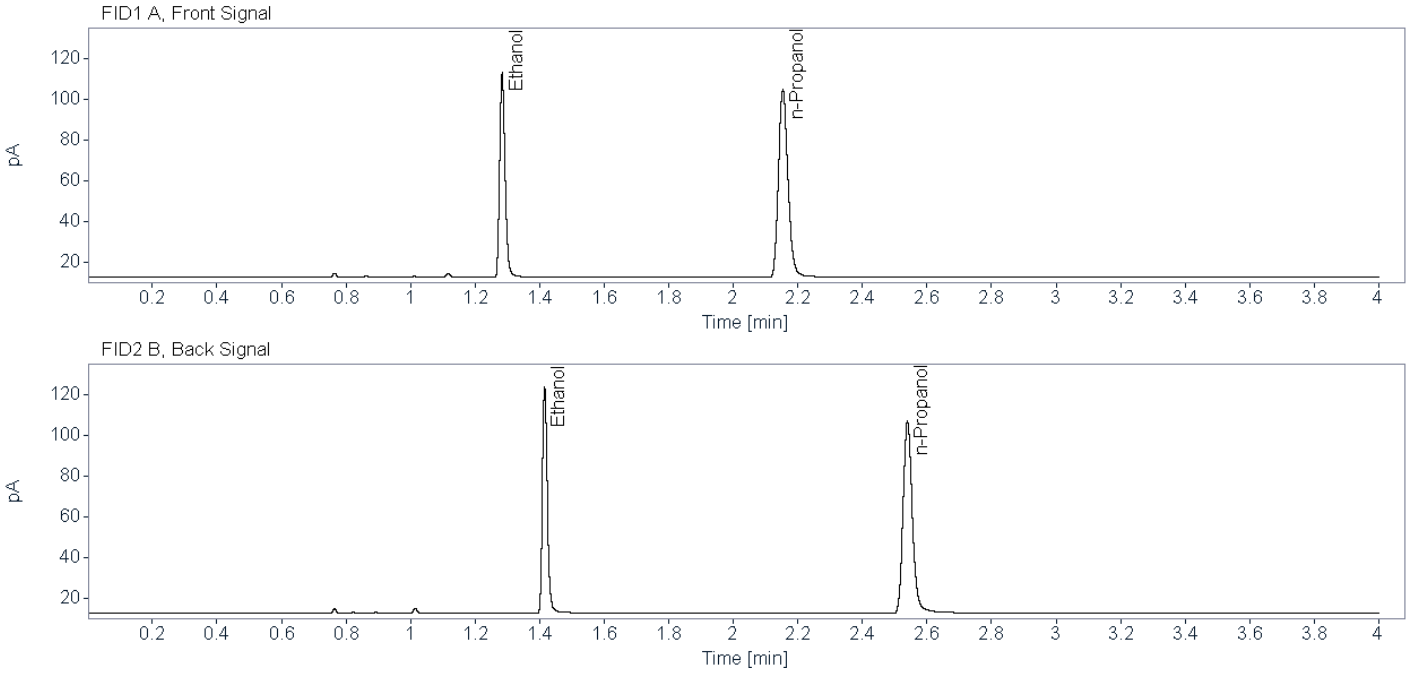
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73714 | 1.411 | 1.410 | 104.8440 | 0.1055 |
| n-Propanol | 0.82086 | 2.536 | 2.535 | 174.3951 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2179 001_001 (24-2598) **Description:** Alq 2 **Sample Barcode** 24-2598 **Vial Number:** 57

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 4:03:16 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\057F5701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77834 | 1.284 | 1.281 | 116.2741 | 0.1108 |
| n-Propanol | 0.79305 | 2.153 | 2.152 | 186.5643 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78225 | 1.416 | 1.410 | 118.1732 | 0.1118 |
| n-Propanol | 0.82326 | 2.540 | 2.535 | 185.3083 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2180 005_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0111 | Aliquot 1: | 0.0112 |
| | Aliquot 2: | 0.0108 | Aliquot 2: | 0.0109 |

**Reported Result:** **0.011** **g/100 mL**

**Reported UM:** **0.002** **g/100 mL**

**Comments:**

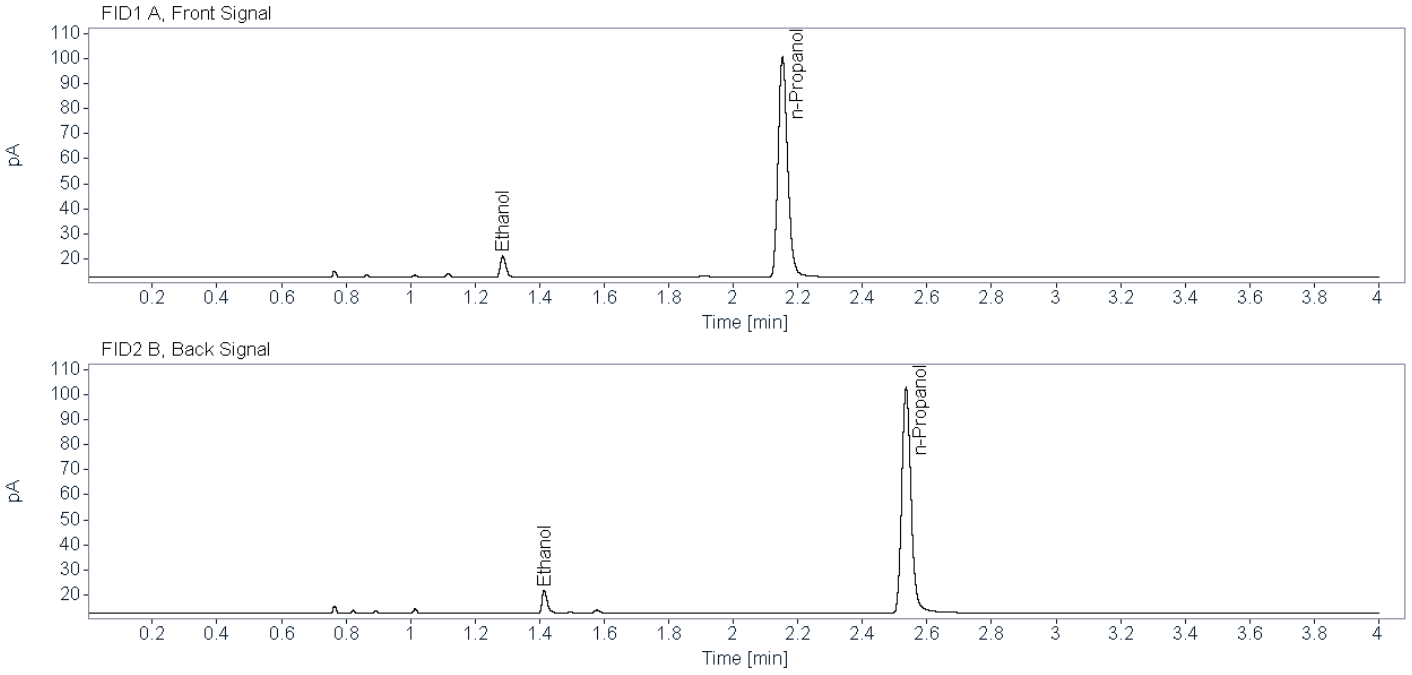
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2180 005_001 (24-2567) **Description:** Alq 1 **Sample Barcode** 24-2567 **Vial Number:** 26

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 1:21:36 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\026F2601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74747 | 1.286 | 1.281 | 10.2611 | 0.0111 |
| n-Propanol | 0.78940 | 2.152 | 2.152 | 177.9066 | 0.0100 |

**Name** FID2B

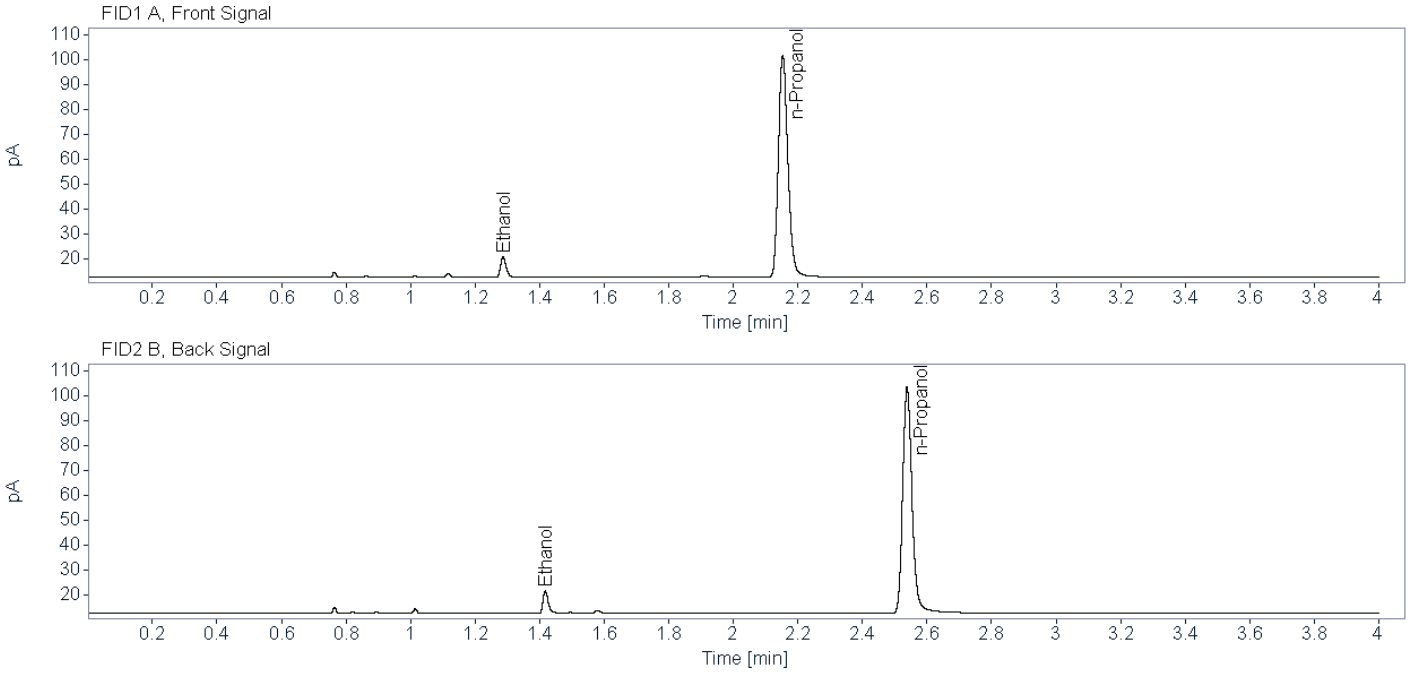
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.70789 | 1.414 | 1.410 | 10.1708 | 0.0112 |
| n-Propanol | 0.82619 | 2.536 | 2.535 | 176.9174 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2180 005_001 (24-2597) **Description:** Alq 2 **Sample Barcode** 24-2597 **Vial Number:** 56

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 3:57:36 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\056F5601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75589 | 1.287 | 1.281 | 10.0891 | 0.0108 |
| n-Propanol | 0.78984 | 2.153 | 2.152 | 180.1919 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71710 | 1.417 | 1.410 | 9.9714 | 0.0109 |
| n-Propanol | 0.82870 | 2.538 | 2.535 | 179.0340 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2181 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1513 | Aliquot 1: | 0.1510 |
| | Aliquot 2: | 0.1511 | Aliquot 2: | 0.1512 |

**Reported Result: 0.151 g/100 mL**

**Reported UM: 0.024 g/100 mL**

**Comments:**

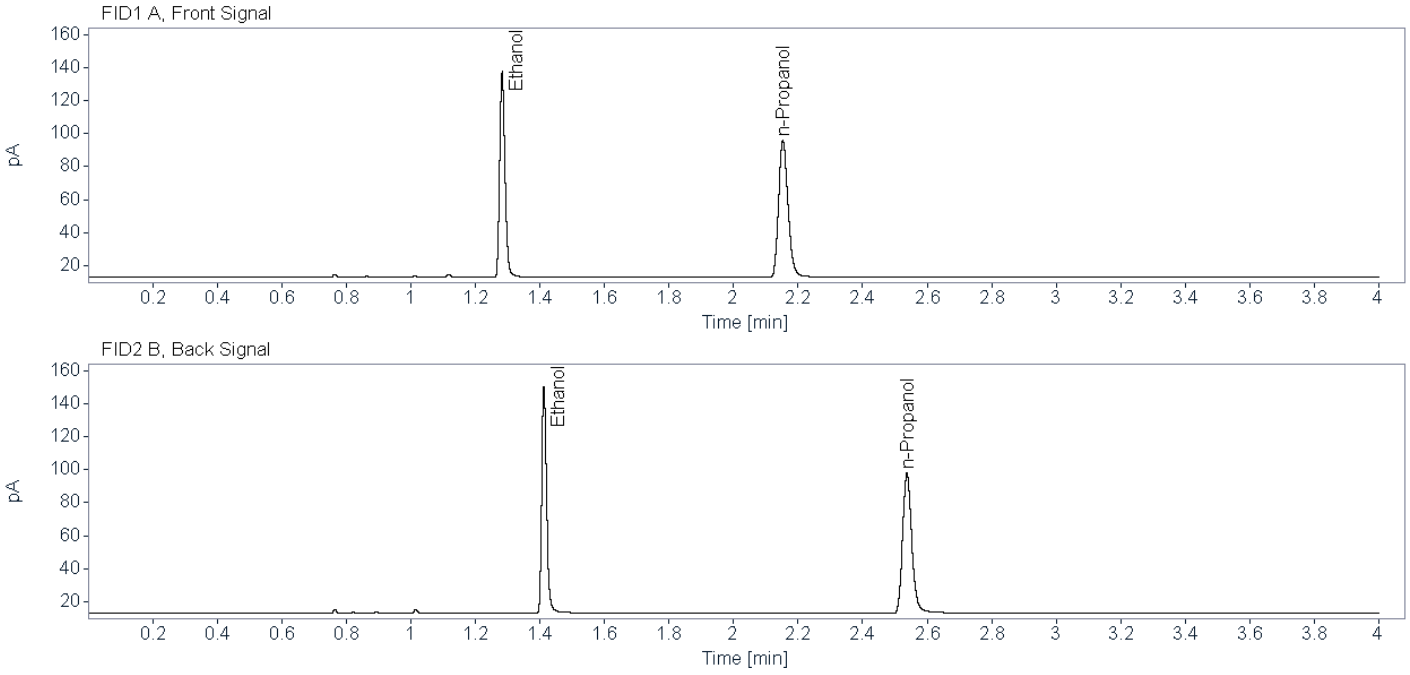
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2181 001_001 (24-2568) **Description:** Alq 1 **Sample Barcode** 24-2568 **Vial Number:** 27

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 1:27:16 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\027F2701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77489 | 1.283 | 1.281 | 143.0512 | 0.1513 |
| n-Propanol | 0.79255 | 2.153 | 2.152 | 167.7490 | 0.0100 |

**Name** FID2B

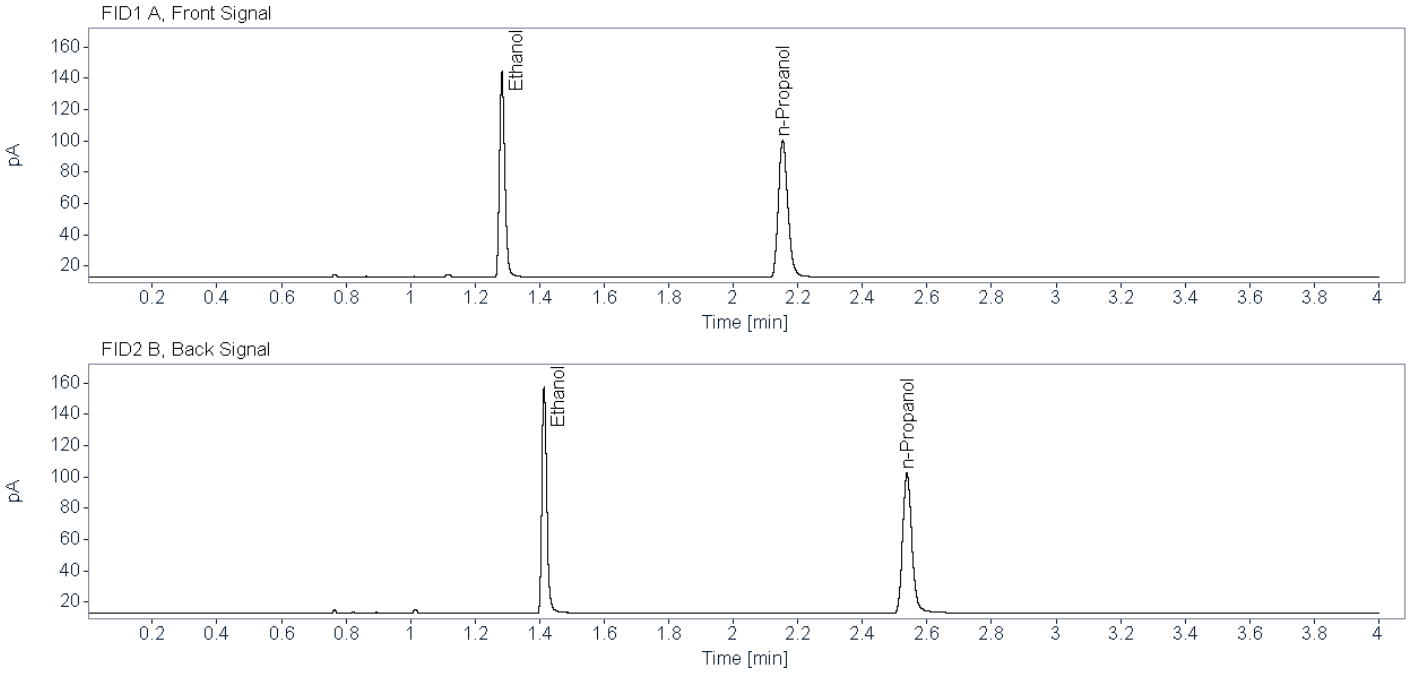
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75437 | 1.412 | 1.410 | 144.3946 | 0.1510 |
| n-Propanol | 0.82772 | 2.537 | 2.535 | 167.2361 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2181 001_001 (24-2596) **Description:** Alq 2 **Sample Barcode** 24-2596 **Vial Number:** 55

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 3:52:52 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\055F5501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77431 | 1.283 | 1.281 | 151.1960 | 0.1511 |
| n-Propanol | 0.79035 | 2.153 | 2.152 | 177.4642 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76704 | 1.414 | 1.410 | 152.6799 | 0.1512 |
| n-Propanol | 0.82939 | 2.538 | 2.535 | 176.5271 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2189 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1365 | Aliquot 1: | 0.1367 |
| | Aliquot 2: | 0.1387 | Aliquot 2: | 0.1387 |

**Reported Result: 0.137 g/100 mL**

**Reported UM: 0.022 g/100 mL**

**Comments:**

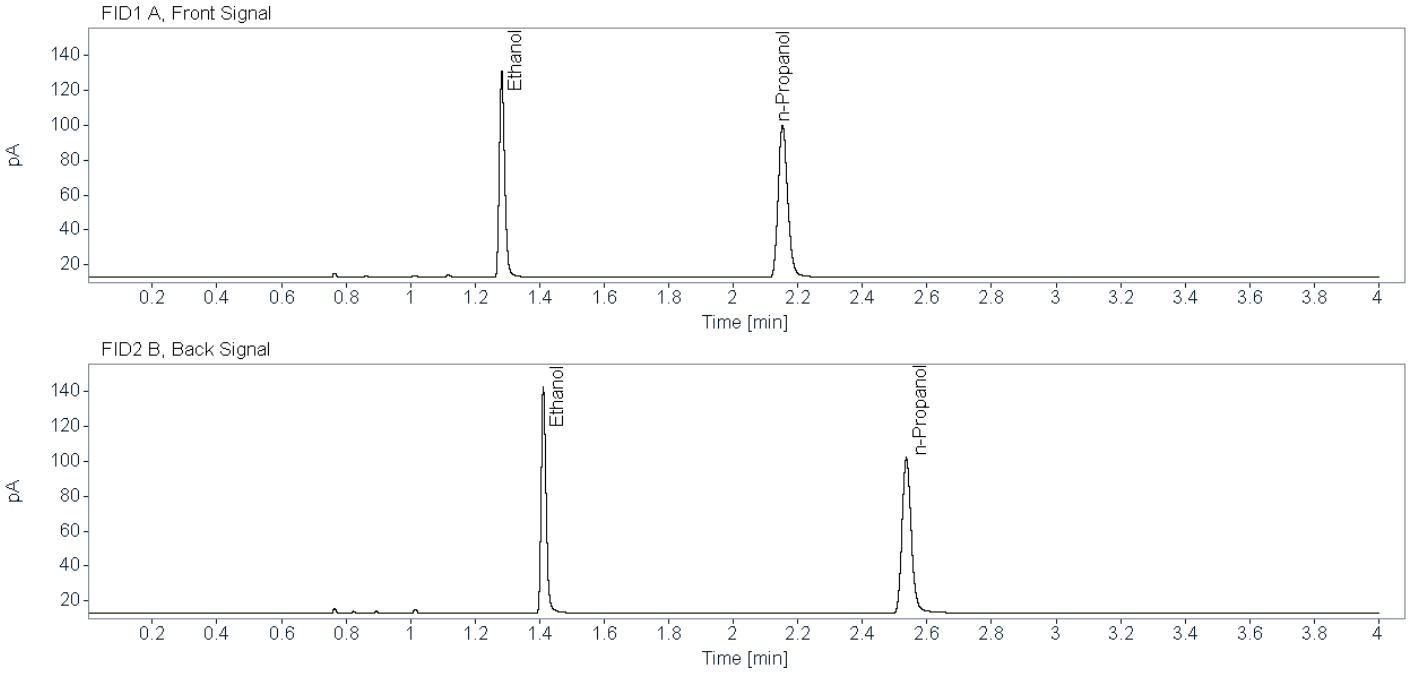
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2189 001_001 (24-2569) **Description:** Alq 1 **Sample Barcode** 24-2569 **Vial Number:** 28

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 1:31:59 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\028F2801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76629 | 1.283 | 1.281 | 135.4442 | 0.1365 |
| n-Propanol | 0.79204 | 2.153 | 2.152 | 176.2121 | 0.0100 |

**Name** FID2B

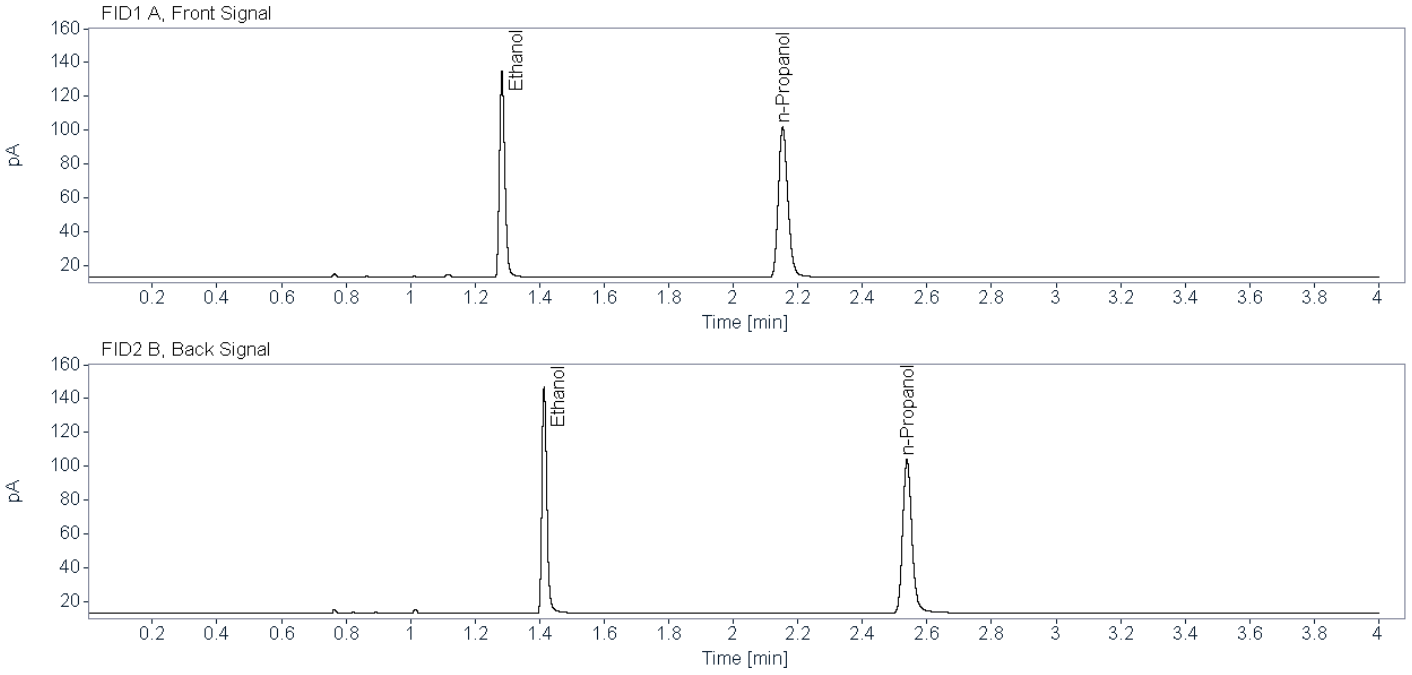
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75448 | 1.412 | 1.410 | 137.0326 | 0.1367 |
| n-Propanol | 0.81945 | 2.536 | 2.535 | 175.3504 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2189 001_001 (24-2595) **Description:** Alq 2 **Sample Barcode** 24-2595 **Vial Number:** 54

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 3:47:11 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\054F5401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77484 | 1.283 | 1.281 | 140.8816 | 0.1387 |
| n-Propanol | 0.79300 | 2.153 | 2.152 | 180.2423 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76108 | 1.414 | 1.410 | 142.0296 | 0.1387 |
| n-Propanol | 0.82965 | 2.538 | 2.535 | 179.1217 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2203 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0759 | Aliquot 1: | 0.0759 |
| | Aliquot 2: | 0.0739 | Aliquot 2: | 0.0743 |

**Reported Result:** **0.075** **g/100 mL**

**Reported UM:** **0.012** **g/100 mL**

**Comments:**

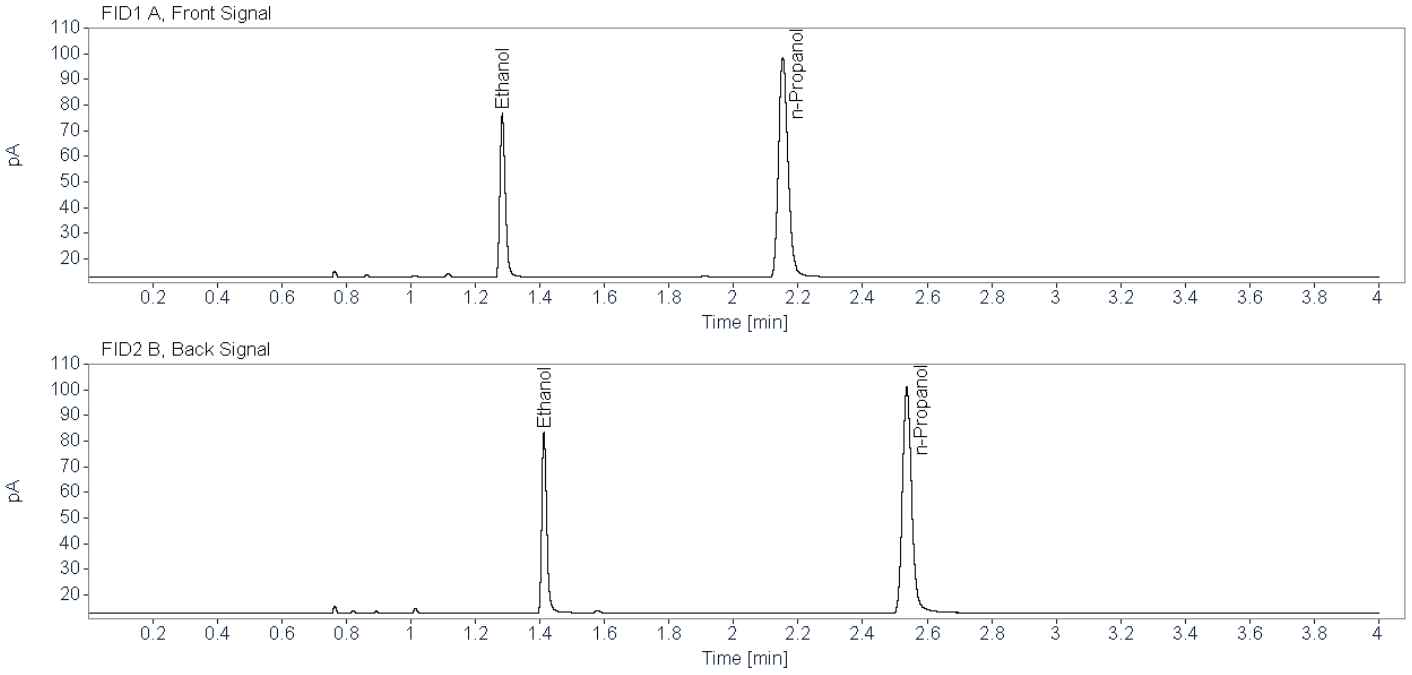
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2203 001_001 (24-2570) **Description:** Alq 1 **Sample Barcode** 24-2570 **Vial Number:** 29

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 1:37:40 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\029F2901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73792 | 1.284 | 1.281 | 73.9183 | 0.0759 |
| n-Propanol | 0.79214 | 2.153 | 2.152 | 173.7563 | 0.0100 |

**Name** FID2B

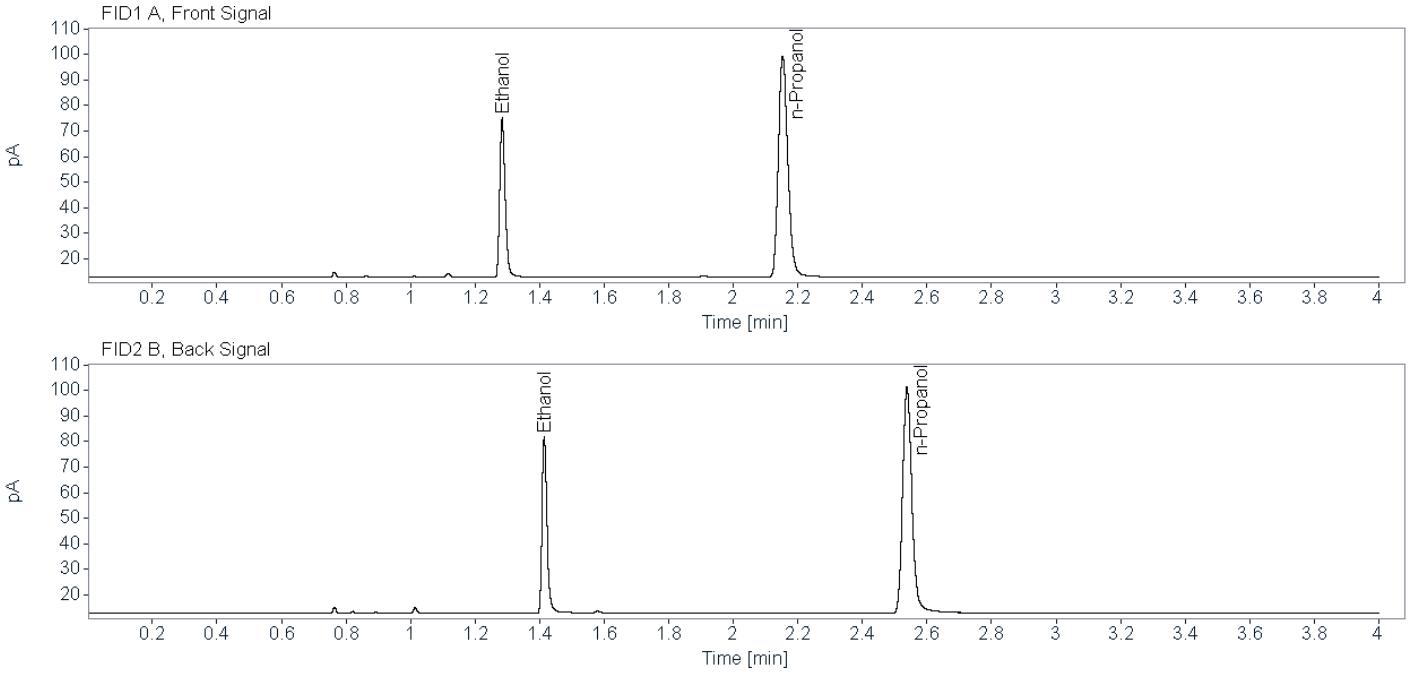
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73130 | 1.413 | 1.410 | 74.6477 | 0.0759 |
| n-Propanol | 0.82237 | 2.537 | 2.535 | 173.2374 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2203 001_001 (24-2594) **Description:** Alq 2 **Sample Barcode** 24-2594 **Vial Number:** 53

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 3:42:28 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\053F5301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75918 | 1.284 | 1.281 | 72.6197 | 0.0739 |
| n-Propanol | 0.79414 | 2.153 | 2.152 | 175.5594 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74938 | 1.414 | 1.410 | 73.5763 | 0.0743 |
| n-Propanol | 0.82720 | 2.538 | 2.535 | 174.6857 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2205 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2047 | Aliquot 1: | 0.2066 |
| | Aliquot 2: | 0.2045 | Aliquot 2: | 0.2069 |

**Reported Result:** **0.205** **g/100 mL**

**Reported UM:** **0.033** **g/100 mL**

**Comments:**

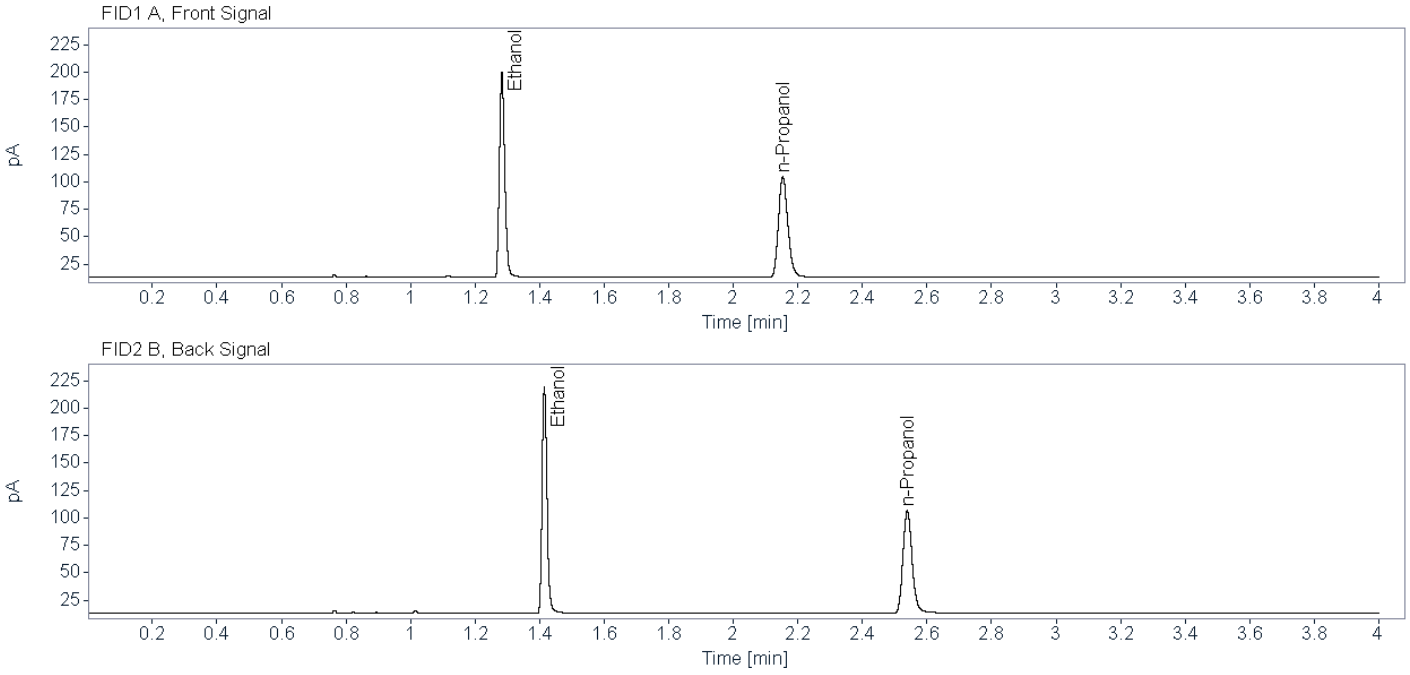
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2205 001_001 (24-2571) **Description:** Alq 1 **Sample Barcode** 24-2571 **Vial Number:** 30

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 1:42:23 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\030F3001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80329 | 1.283 | 1.281 | 214.7289 | 0.2047 |
| n-Propanol | 0.79936 | 2.153 | 2.152 | 185.7828 | 0.0100 |

**Name** FID2B

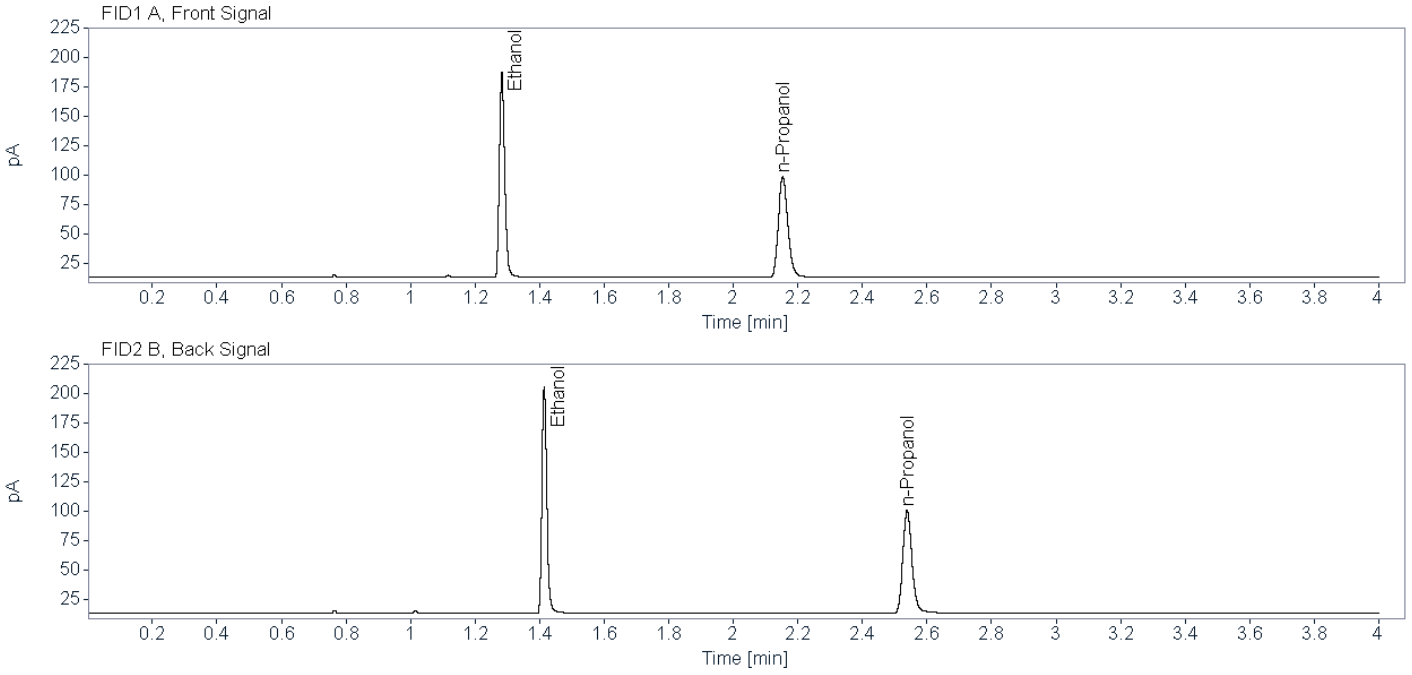
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.81899 | 1.415 | 1.410 | 218.1001 | 0.2066 |
| n-Propanol | 0.83466 | 2.539 | 2.535 | 184.1802 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2205 001_001 (24-2593) **Description:** Alq 2 **Sample Barcode** 24-2593 **Vial Number:** 52

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 3:36:47 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\052F5201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79453 | 1.283 | 1.281 | 200.1759 | 0.2045 |
| n-Propanol | 0.79549 | 2.153 | 2.152 | 173.3581 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79949 | 1.414 | 1.410 | 203.2912 | 0.2069 |
| n-Propanol | 0.82313 | 2.539 | 2.535 | 171.4009 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2206 002_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1262 | Aliquot 1: | 0.1272 |
| | Aliquot 2: | 0.1272 | Aliquot 2: | 0.1273 |

**Reported Result:** **0.126** **g/100 mL**

**Reported UM:** **0.020** **g/100 mL**

**Comments:**

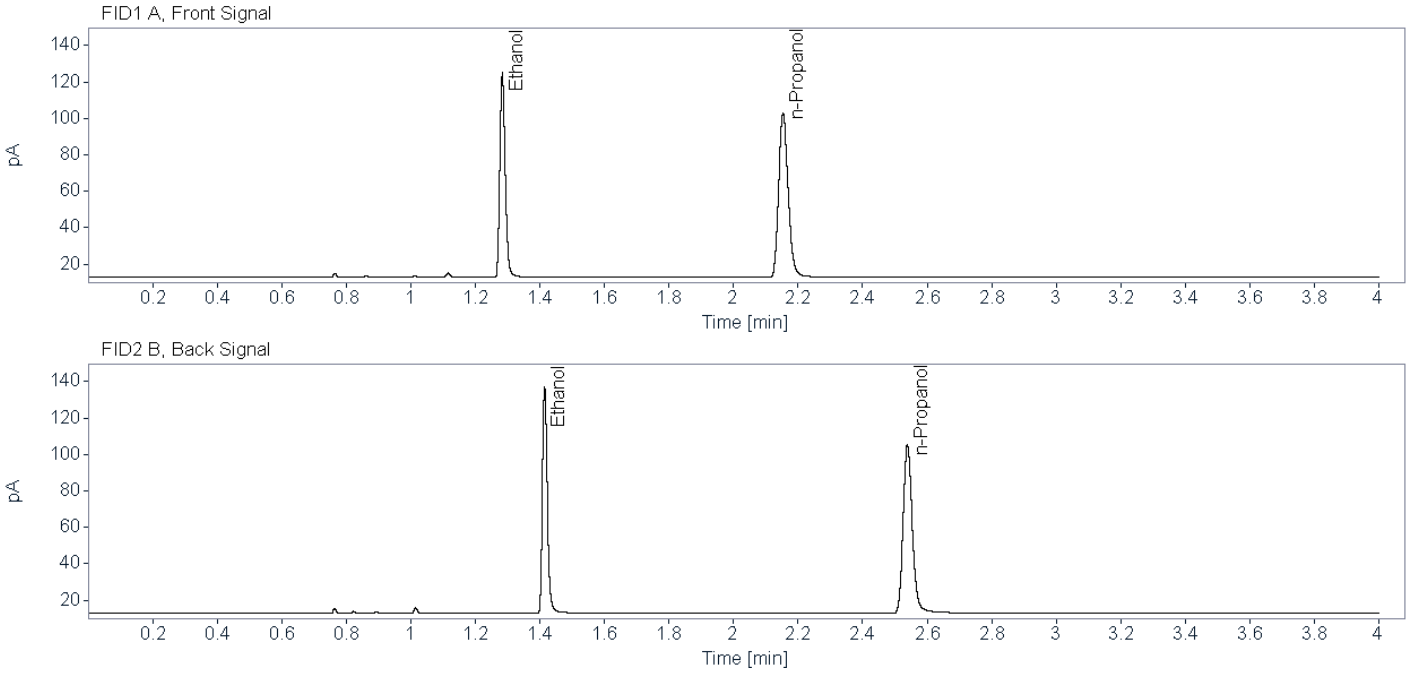
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2206 002_001 (24-2572) **Description:** Alq 1 **Sample Barcode** 24-2572 **Vial Number:** 31

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 1:48:05 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\031F3101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77266 | 1.284 | 1.281 | 129.7310 | 0.1262 |
| n-Propanol | 0.79977 | 2.153 | 2.152 | 182.5922 | 0.0100 |

**Name** FID2B

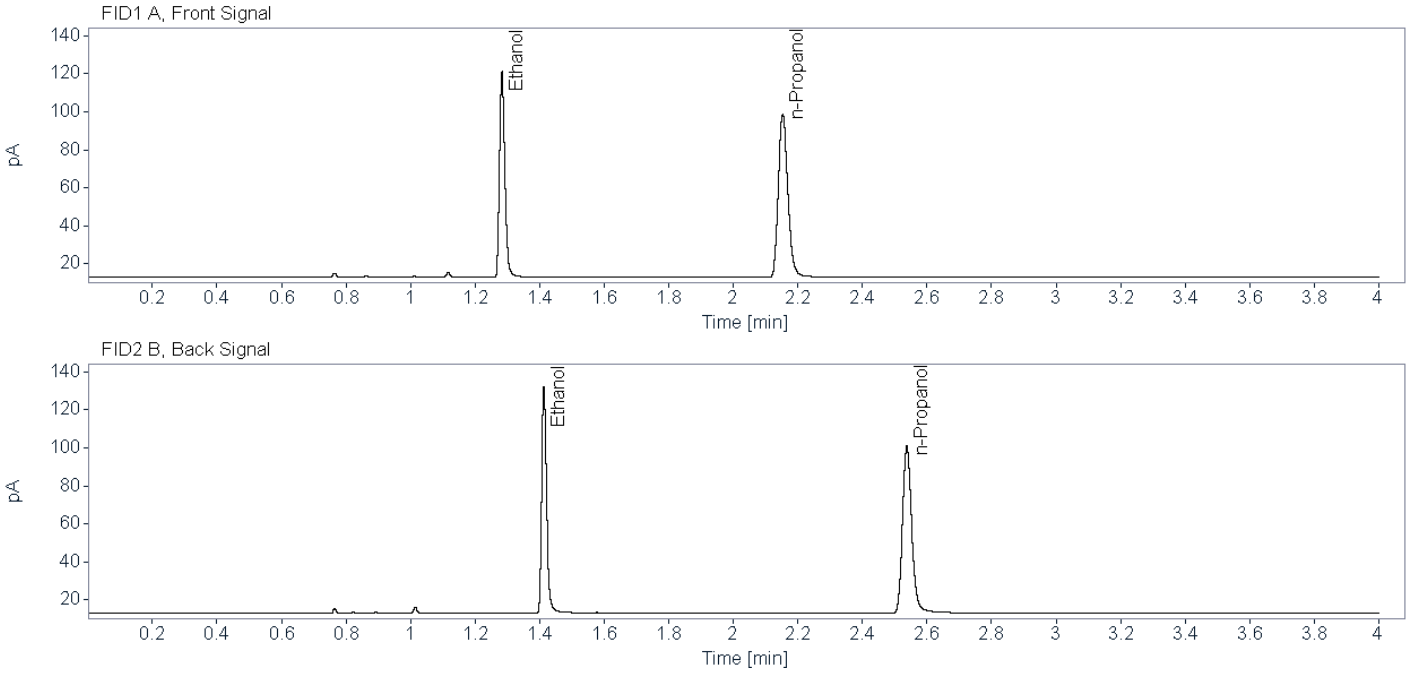
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77308 | 1.415 | 1.410 | 131.8118 | 0.1272 |
| n-Propanol | 0.81977 | 2.539 | 2.535 | 181.4158 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2206 002_001 (24-2592) **Description:** Alq 2 **Sample Barcode** 24-2592 **Vial Number:** 51

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 3:32:04 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\051F5101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77220 | 1.283 | 1.281 | 124.9336 | 0.1272 |
| n-Propanol | 0.79372 | 2.153 | 2.152 | 174.4965 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75350 | 1.413 | 1.410 | 126.3351 | 0.1273 |
| n-Propanol | 0.81960 | 2.538 | 2.535 | 173.7222 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2207 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2664 | Aliquot 1: | 0.2687 |
| | Aliquot 2: | 0.2566 | Aliquot 2: | 0.2578 |

**Reported Result: 0.262 g/100 mL**

**Reported UM: 0.042 g/100 mL**

**Comments:**

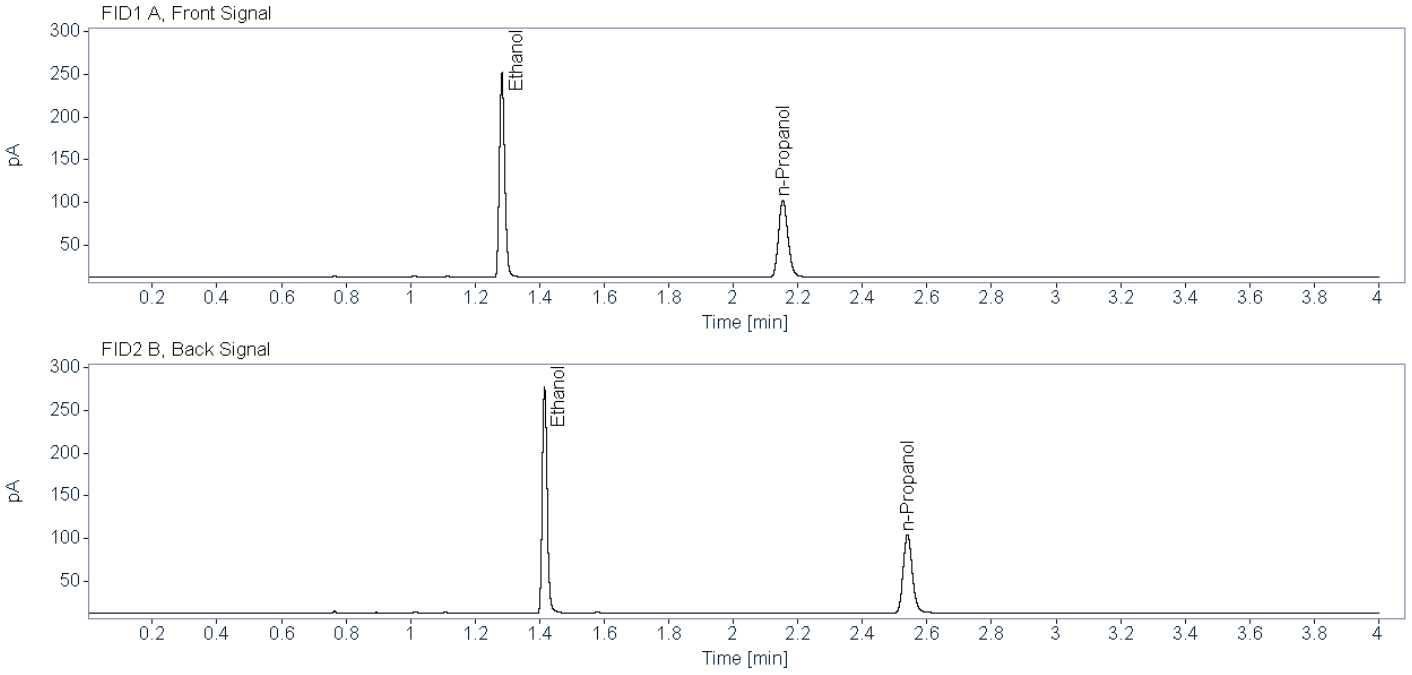
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2207 001_001 (24-2573) **Description:** Alq 1 **Sample Barcode** 24-2573 **Vial Number:** 32

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 1:52:47 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\032F3201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.81578 | 1.283 | 1.281 | 274.4655 | 0.2664 |
| n-Propanol | 0.80051 | 2.154 | 2.152 | 182.3185 | 0.0100 |

**Name** FID2B

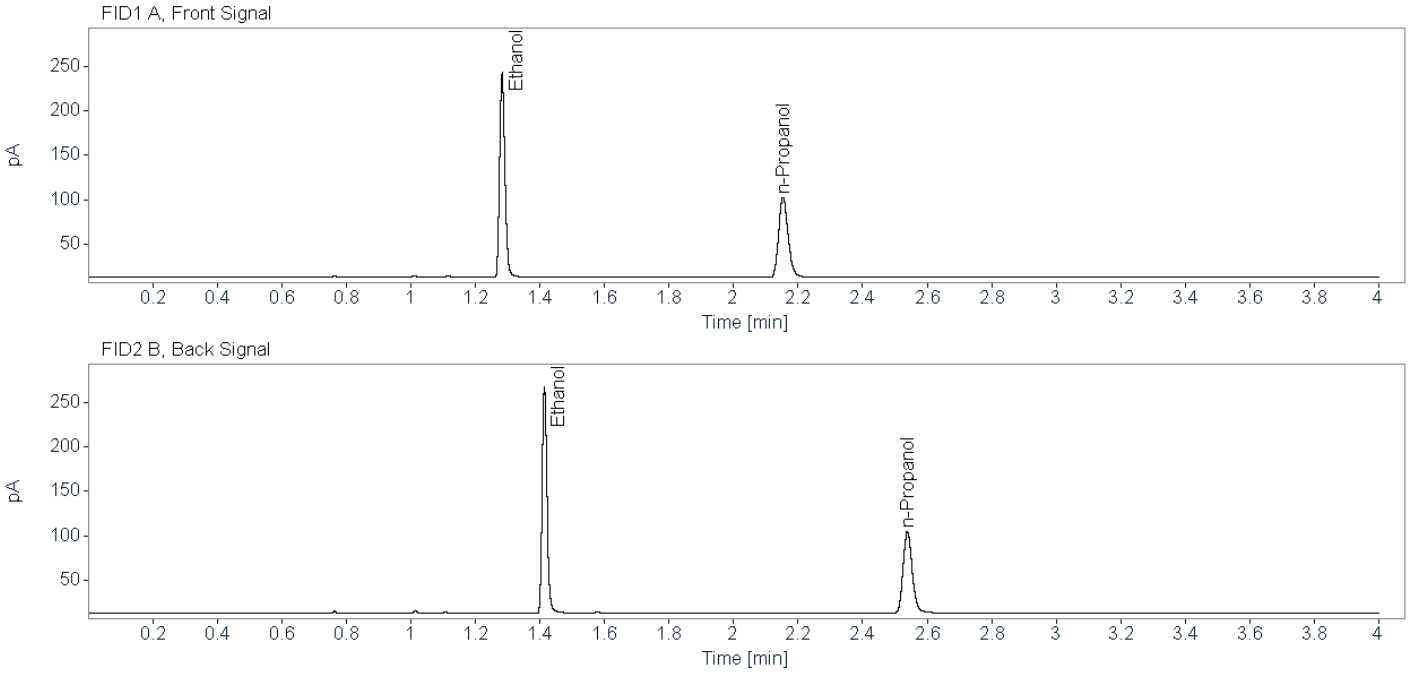
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82159 | 1.415 | 1.410 | 278.8459 | 0.2687 |
| n-Propanol | 0.82029 | 2.540 | 2.535 | 180.8130 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2207 001_001 (24-2591) **Description:** Alq 2 **Sample Barcode** 24-2591 **Vial Number:** 50

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 3:26:23 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\050F5001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79438 | 1.283 | 1.281 | 264.3182 | 0.2566 |
| n-Propanol | 0.80053 | 2.153 | 2.152 | 182.2598 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82581 | 1.414 | 1.410 | 268.2974 | 0.2578 |
| n-Propanol | 0.82152 | 2.539 | 2.535 | 181.3146 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2213 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1731 | Aliquot 1: | 0.1751 |
| | Aliquot 2: | 0.1694 | Aliquot 2: | 0.1710 |

**Reported Result: 0.172 g/100 mL**

**Reported UM: 0.028 g/100 mL**

**Comments:**

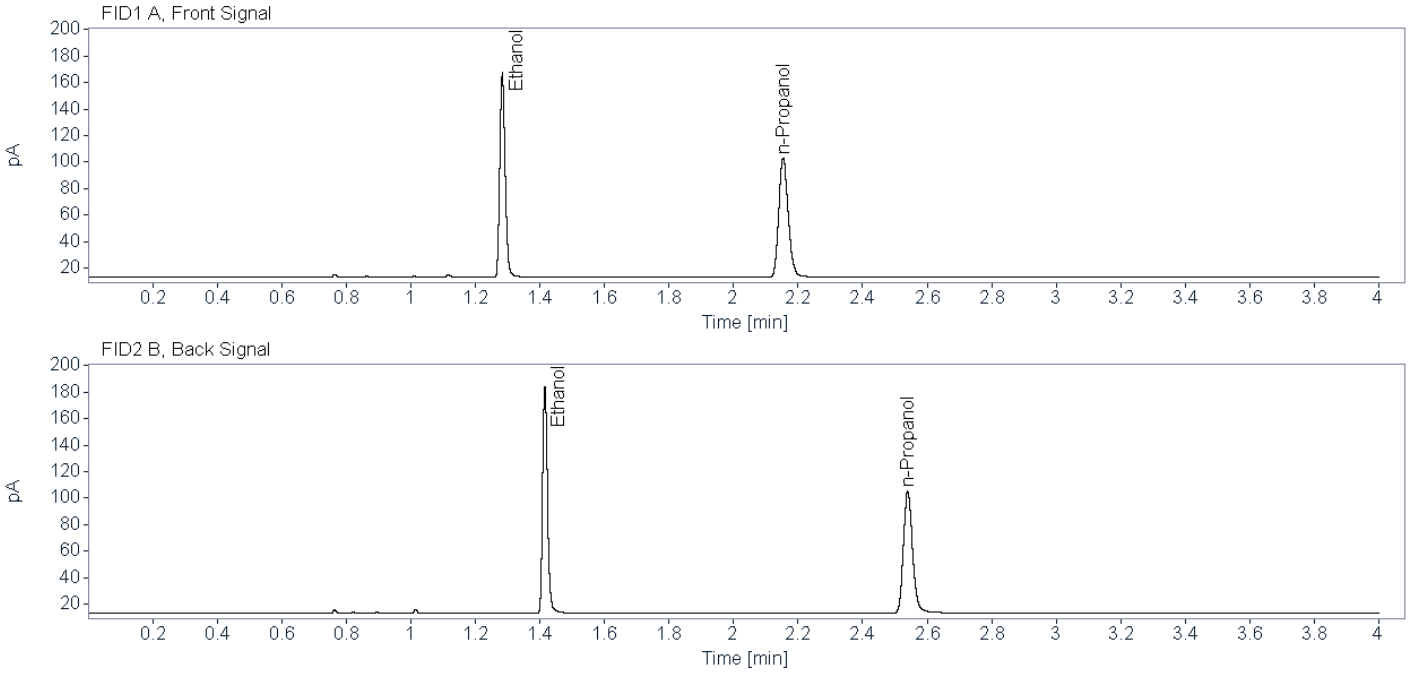
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2213 001_001 (24-2575) **Description:** Alq 1 **Sample Barcode** 24-2575 **Vial Number:** 34

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 2:03:11 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\034F3401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78959 | 1.284 | 1.281 | 178.7146 | 0.1731 |
| n-Propanol | 0.80946 | 2.154 | 2.152 | 183.0570 | 0.0100 |

**Name** FID2B

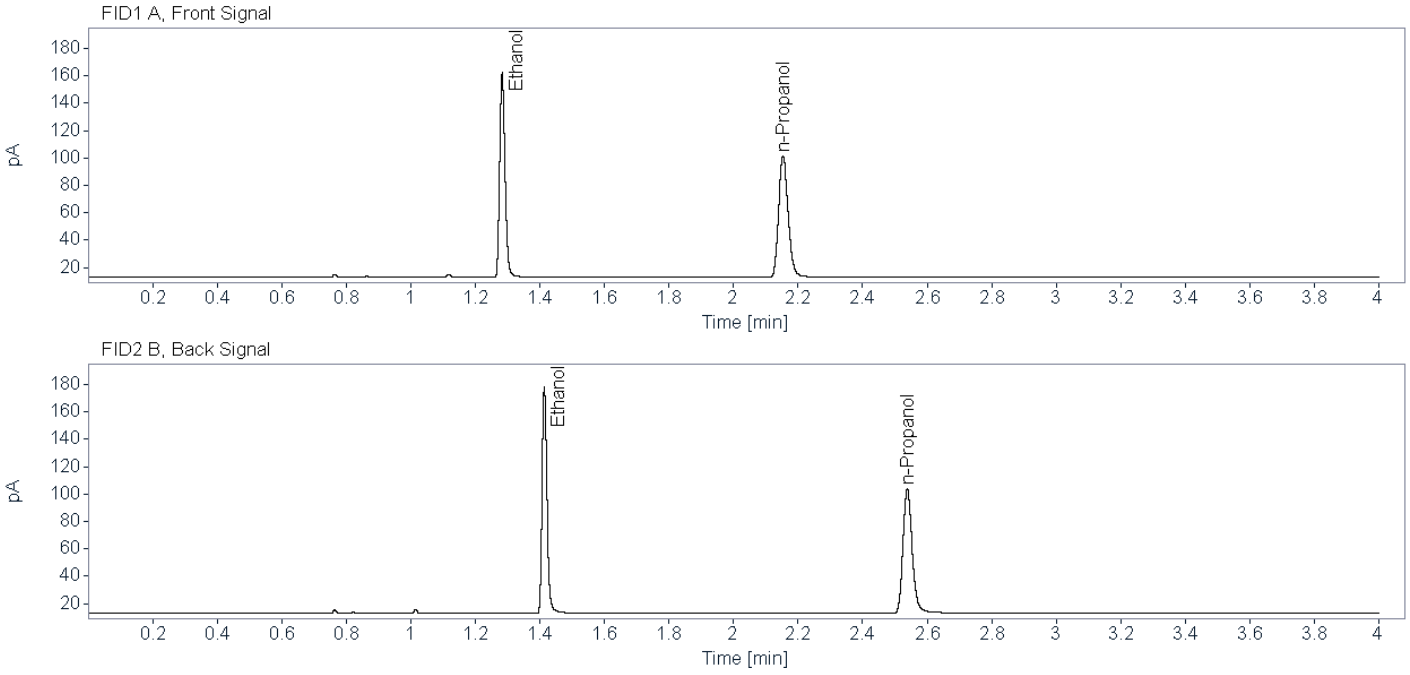
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79725 | 1.415 | 1.410 | 181.7942 | 0.1751 |
| n-Propanol | 0.82598 | 2.540 | 2.535 | 181.3008 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2213 001_001 (24-2589) **Description:** Alq 2 **Sample Barcode** 24-2589 **Vial Number:** 48

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 3:15:59 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\048F4801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78994 | 1.283 | 1.281 | 172.4220 | 0.1694 |
| n-Propanol | 0.80332 | 2.153 | 2.152 | 180.4007 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79830 | 1.414 | 1.410 | 174.7674 | 0.1710 |
| n-Propanol | 0.82747 | 2.538 | 2.535 | 178.5142 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2215 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2205 | Aliquot 1: | 0.2219 |
| | Aliquot 2: | 0.2112 | Aliquot 2: | 0.2120 |

**Reported Result: 0.216 g/100 mL**

**Reported UM: 0.035 g/100 mL**

**Comments:**

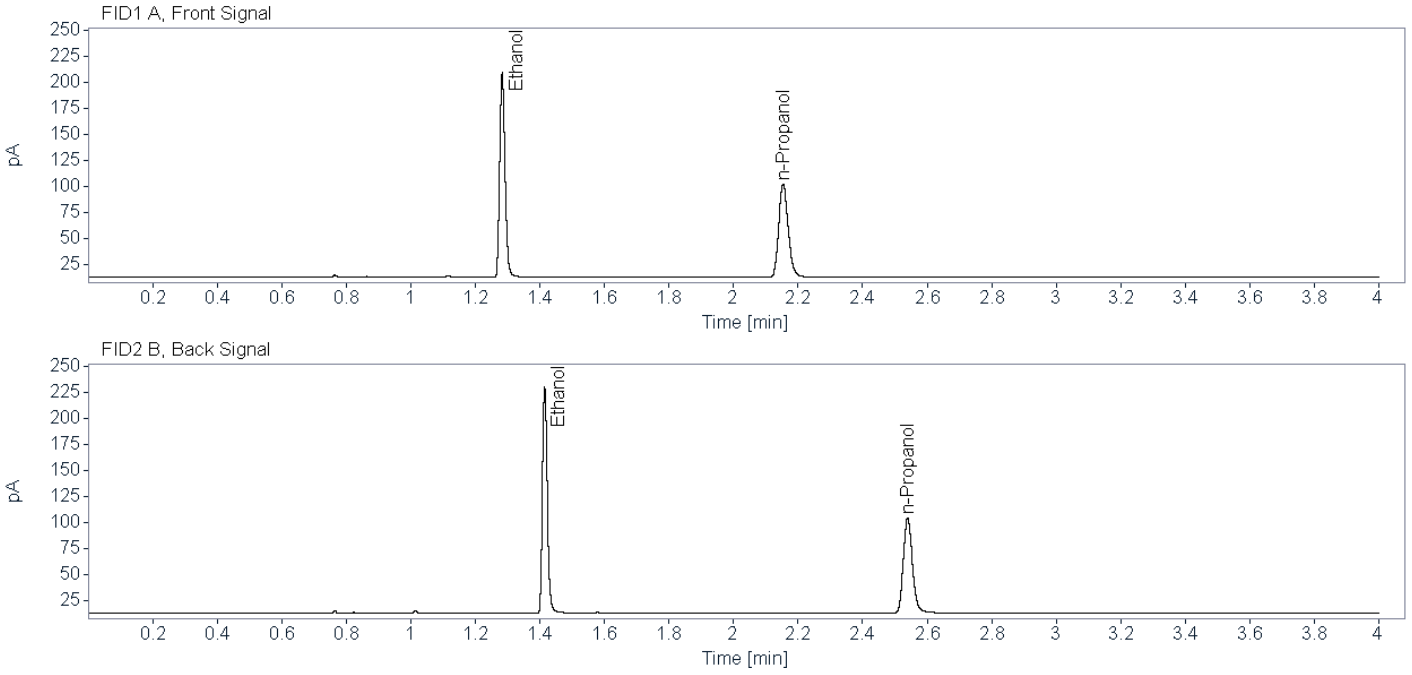
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2215 001_001 (24-2576) **Description:** Alq 1 **Sample Barcode** 24-2576 **Vial Number:** 35

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 2:08:52 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\035F3501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80482 | 1.283 | 1.281 | 226.2637 | 0.2205 |
| n-Propanol | 0.80572 | 2.153 | 2.152 | 181.7265 | 0.0100 |

**Name** FID2B

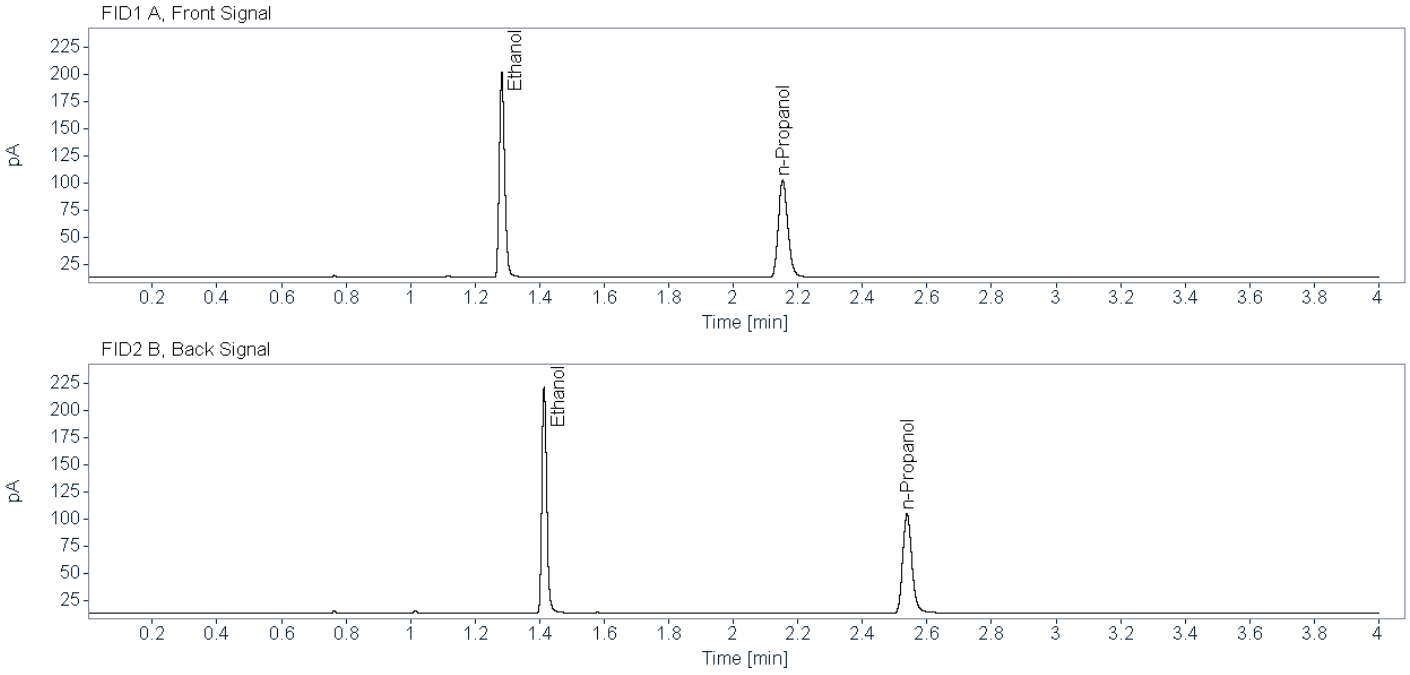
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80227 | 1.415 | 1.410 | 229.4429 | 0.2219 |
| n-Propanol | 0.82111 | 2.539 | 2.535 | 180.2877 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2215 001_001 (24-2588) **Description:** Alq 2 **Sample Barcode** 24-2588 **Vial Number:** 47

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 3:11:17 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\047F4701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80027 | 1.283 | 1.281 | 216.8529 | 0.2112 |
| n-Propanol | 0.79669 | 2.153 | 2.152 | 181.8226 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79730 | 1.414 | 1.410 | 219.7732 | 0.2120 |
| n-Propanol | 0.83219 | 2.538 | 2.535 | 180.8408 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2216 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1780 | Aliquot 1: | 0.1789 |
| | Aliquot 2: | 0.1901 | Aliquot 2: | 0.1916 |

**Reported Result:** **0.184** **g/100 mL**

**Reported UM:** **0.030** **g/100 mL**

**Comments:**

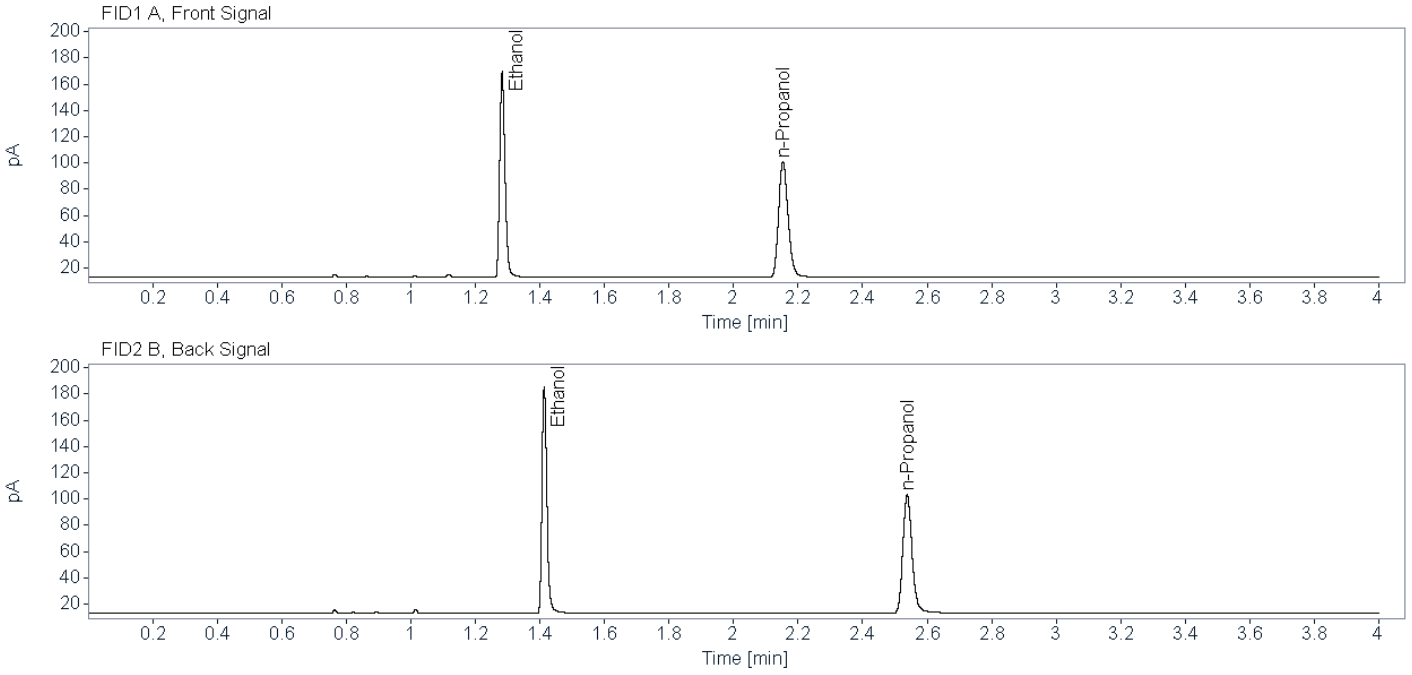
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2216 001_001 (24-2577) **Description:** Alq 1 **Sample Barcode** 24-2577 **Vial Number:** 36

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 2:13:35 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\036F3601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77570 | 1.283 | 1.281 | 179.4333 | 0.1780 |
| n-Propanol | 0.79606 | 2.153 | 2.152 | 178.6618 | 0.0100 |

**Name** FID2B

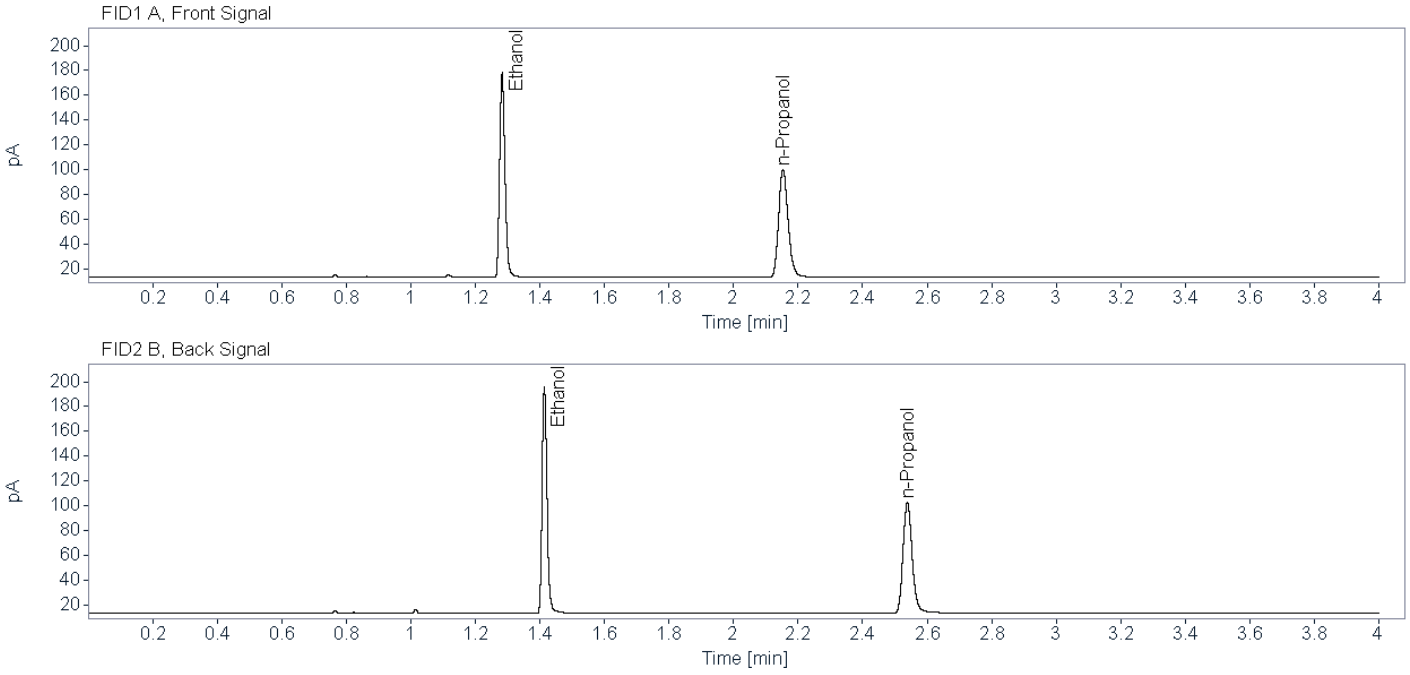
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78394 | 1.413 | 1.410 | 181.8636 | 0.1789 |
| n-Propanol | 0.82430 | 2.538 | 2.535 | 177.4854 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2216 001_001 (24-2587) **Description:** Alq 2 **Sample Barcode** 24-2587 **Vial Number:** 46

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 3:05:35 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\046F4601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79669 | 1.283 | 1.281 | 190.2625 | 0.1901 |
| n-Propanol | 0.80033 | 2.153 | 2.152 | 177.3346 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80767 | 1.414 | 1.410 | 192.9308 | 0.1916 |
| n-Propanol | 0.82837 | 2.538 | 2.535 | 175.7935 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2217 004_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0685 | Aliquot 1: | 0.0686 |
| | Aliquot 2: | 0.0688 | Aliquot 2: | 0.0689 |

**Reported Result: 0.068 g/100 mL**

**Reported UM: 0.011 g/100 mL**

**Comments:**

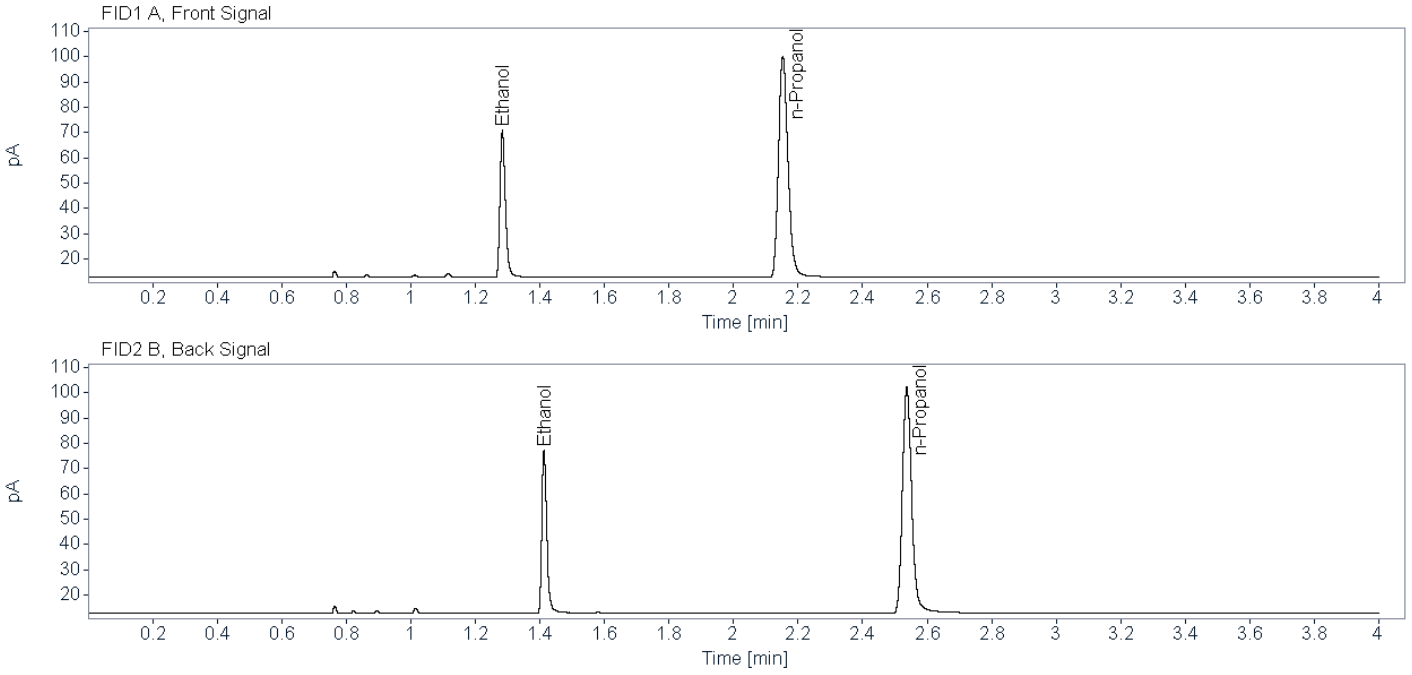
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2217 004_001 (24-2578) **Description:** Alq 1 **Sample Barcode** 24-2578 **Vial Number:** 37

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 2:19:16 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\037F3701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73091 | 1.284 | 1.281 | 67.7413 | 0.0685 |
| n-Propanol | 0.78798 | 2.153 | 2.152 | 176.8375 | 0.0100 |

**Name** FID2B

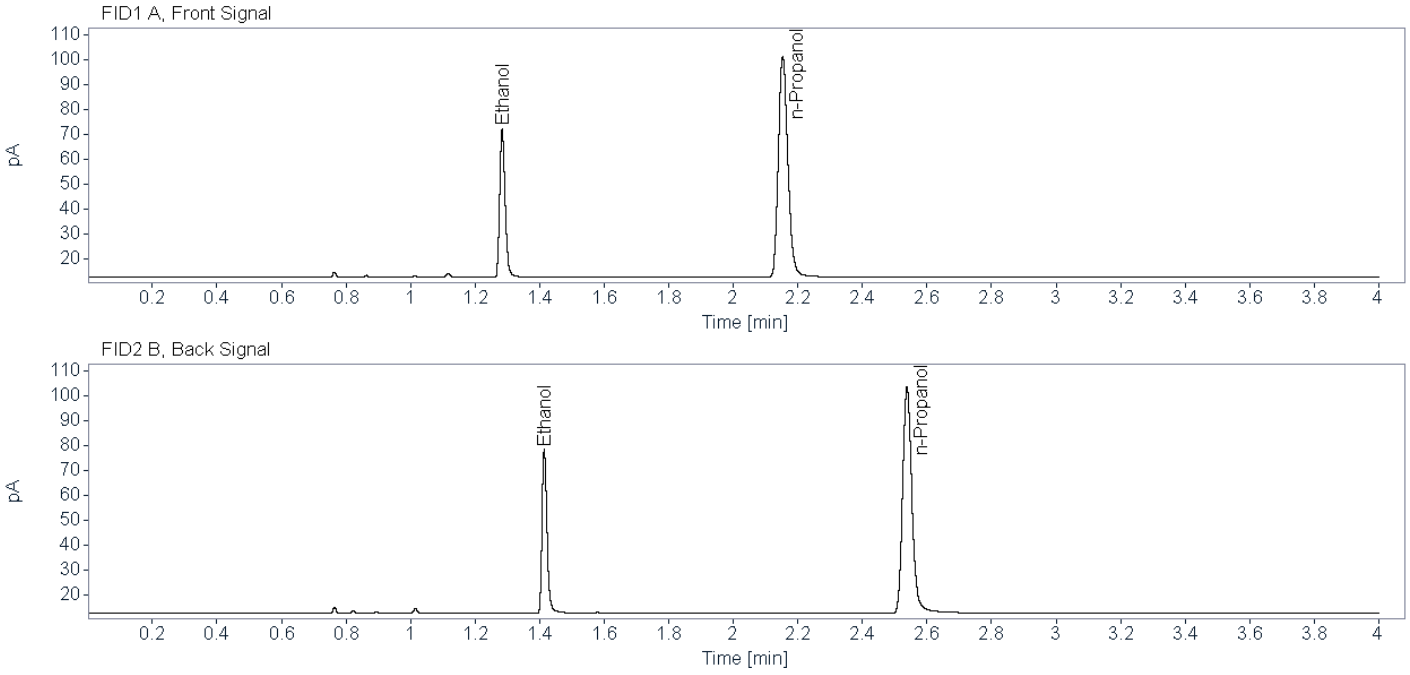
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72437 | 1.413 | 1.410 | 68.3841 | 0.0686 |
| n-Propanol | 0.82029 | 2.537 | 2.535 | 176.0002 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2217 004_001 (24-2586) **Description:** Alq 2 **Sample Barcode** 24-2586 **Vial Number:** 45

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 3:00:53 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\045F4501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77579 | 1.284 | 1.281 | 69.1681 | 0.0688 |
| n-Propanol | 0.79717 | 2.153 | 2.152 | 179.7412 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75528 | 1.414 | 1.410 | 69.7903 | 0.0689 |
| n-Propanol | 0.82995 | 2.538 | 2.535 | 178.8676 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2221 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2496 | Aliquot 1: | 0.2496 |
| | Aliquot 2: | 0.2521 | Aliquot 2: | 0.2530 |

**Reported Result: 0.251 g/100 mL**

**Reported UM: 0.041 g/100 mL**

**Comments:**

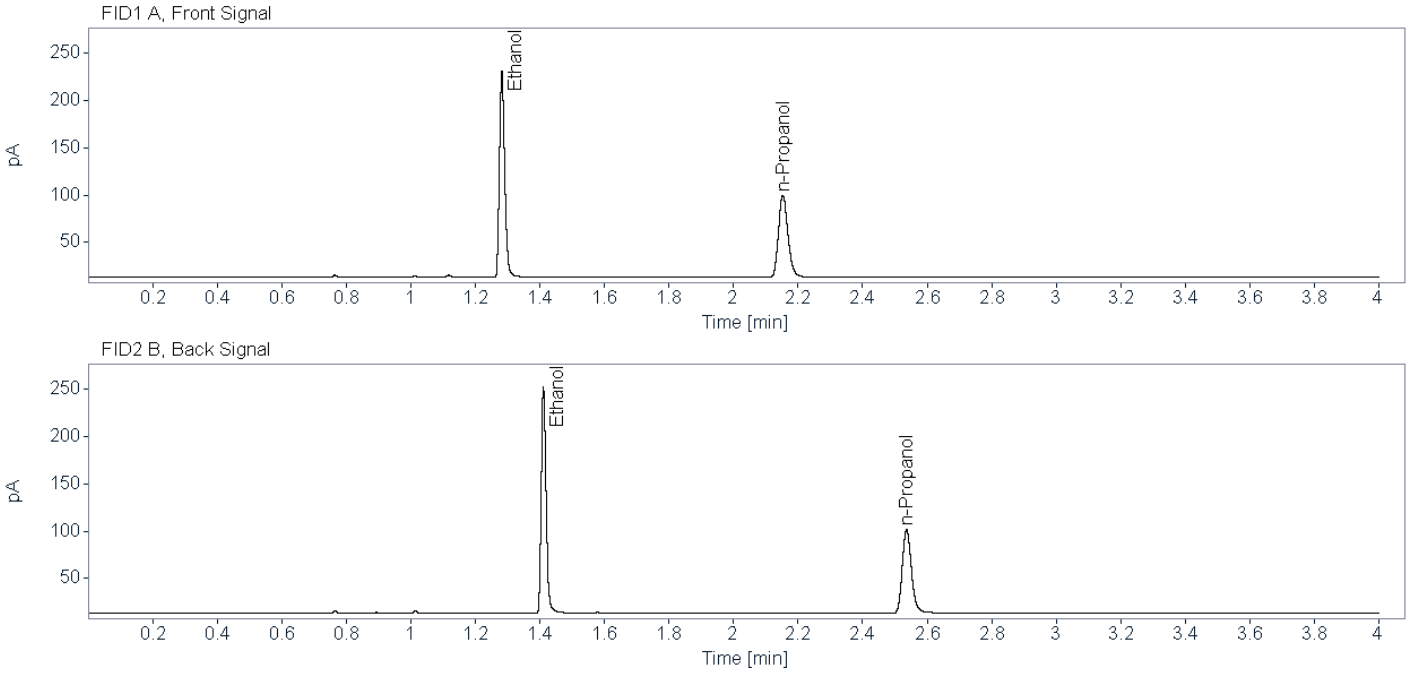
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2221 001_001 (24-2579) **Description:** Alq 1 **Sample Barcode** 24-2579 **Vial Number:** 38

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 2:23:59 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\038F3801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77743 | 1.282 | 1.281 | 248.4162 | 0.2496 |
| n-Propanol | 0.79234 | 2.153 | 2.152 | 176.1313 | 0.0100 |

**Name** FID2B

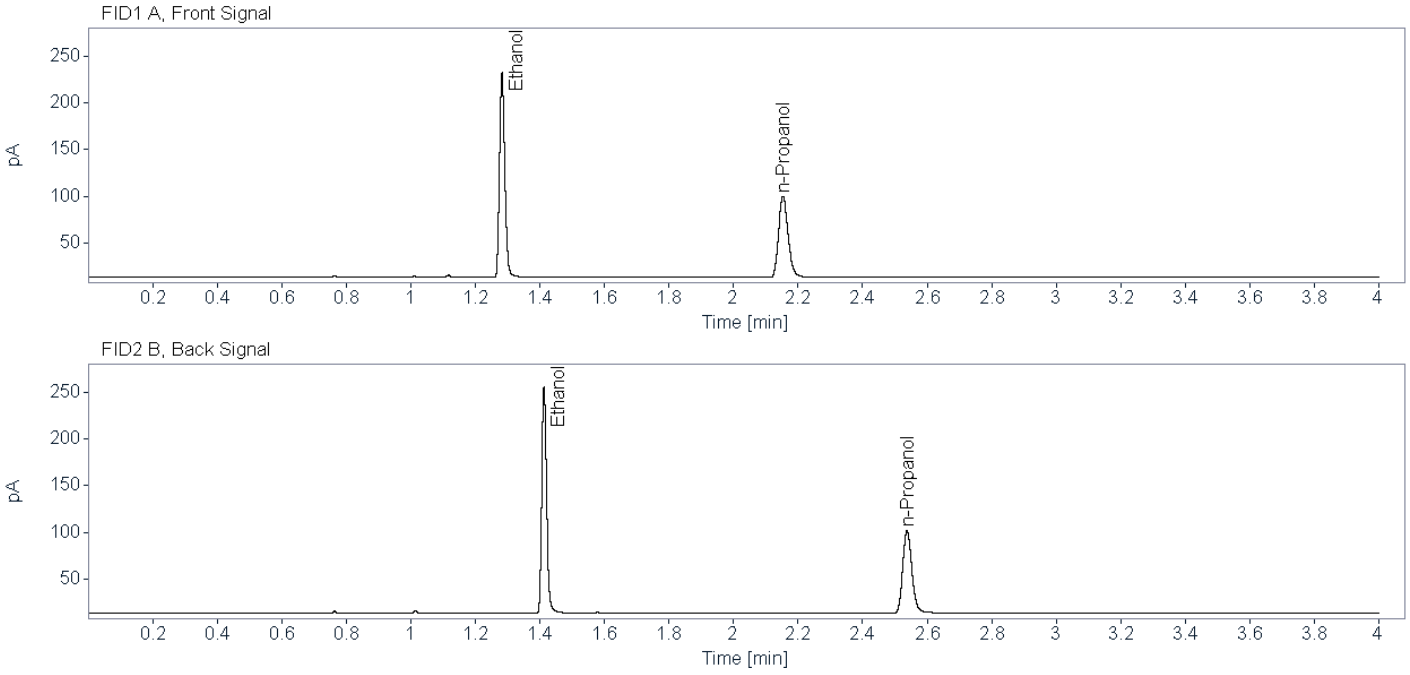
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78097 | 1.411 | 1.410 | 251.3197 | 0.2496 |
| n-Propanol | 0.81591 | 2.536 | 2.535 | 175.4615 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2221 001_001 (24-2585) **Description:** Alq 2 **Sample Barcode** 24-2585 **Vial Number:** 44

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 2:55:11 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\044F4401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80737 | 1.283 | 1.281 | 251.5373 | 0.2521 |
| n-Propanol | 0.79437 | 2.153 | 2.152 | 176.6066 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79807 | 1.413 | 1.410 | 255.1508 | 0.2530 |
| n-Propanol | 0.83145 | 2.538 | 2.535 | 175.7229 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2227 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1494 | Aliquot 1: | 0.1502 |
| | Aliquot 2: | 0.1452 | Aliquot 2: | 0.1460 |

**Reported Result:** **0.147** **g/100 mL**

**Reported UM:** **0.024** **g/100 mL**

**Comments:**

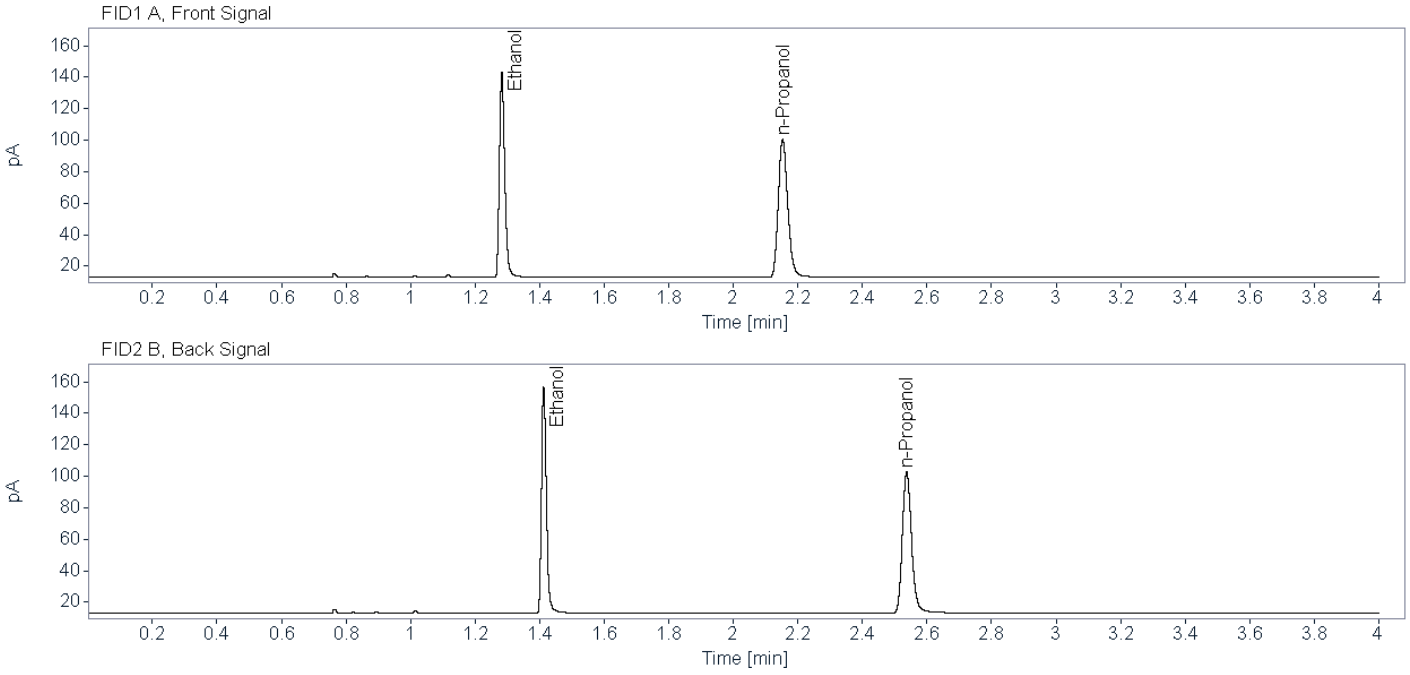
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2227 001_001 (24-2580) **Description:** Alq 1 **Sample Barcode** 24-2580 **Vial Number:** 39

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 2:29:40 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\039F3901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76141 | 1.283 | 1.281 | 149.4667 | 0.1494 |
| n-Propanol | 0.78949 | 2.153 | 2.152 | 177.4874 | 0.0100 |

**Name** FID2B

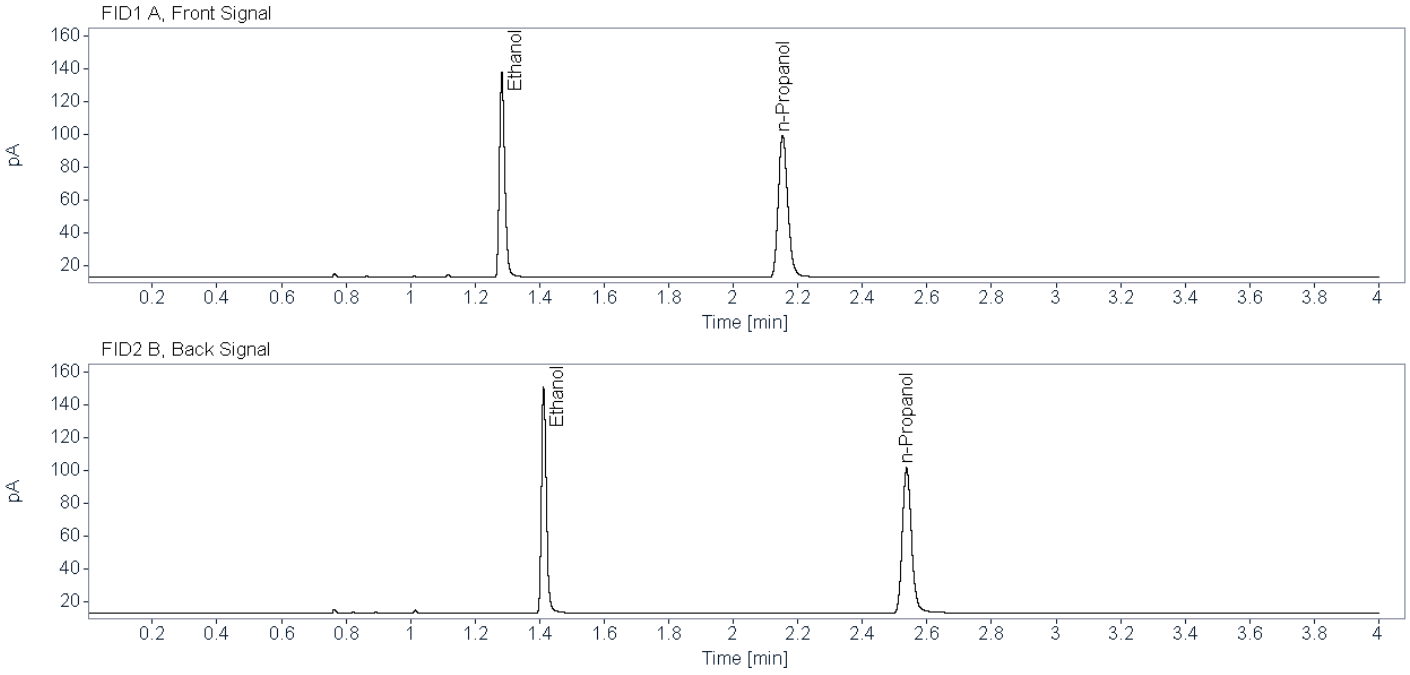
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76948 | 1.413 | 1.410 | 152.1418 | 0.1502 |
| n-Propanol | 0.82077 | 2.537 | 2.535 | 177.0655 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2227 001_001 (24-2584) **Description:** Alq 2 **Sample Barcode** 24-2584 **Vial Number:** 43

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 2:50:28 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\043F4301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76423 | 1.283 | 1.281 | 143.4463 | 0.1452 |
| n-Propanol | 0.79242 | 2.153 | 2.152 | 175.3084 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77586 | 1.412 | 1.410 | 146.0066 | 0.1460 |
| n-Propanol | 0.82199 | 2.537 | 2.535 | 174.9222 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2231 001_001

**Batch Name:** BAC_20241205_KB

**Instrument:** BAC-2

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1662 | Aliquot 1: | 0.1667 |
| | Aliquot 2: | 0.1741 | Aliquot 2: | 0.1742 |

**Reported Result:** **0.170** **g/100 mL**

**Reported UM:** **0.027** **g/100 mL**

**Comments:**

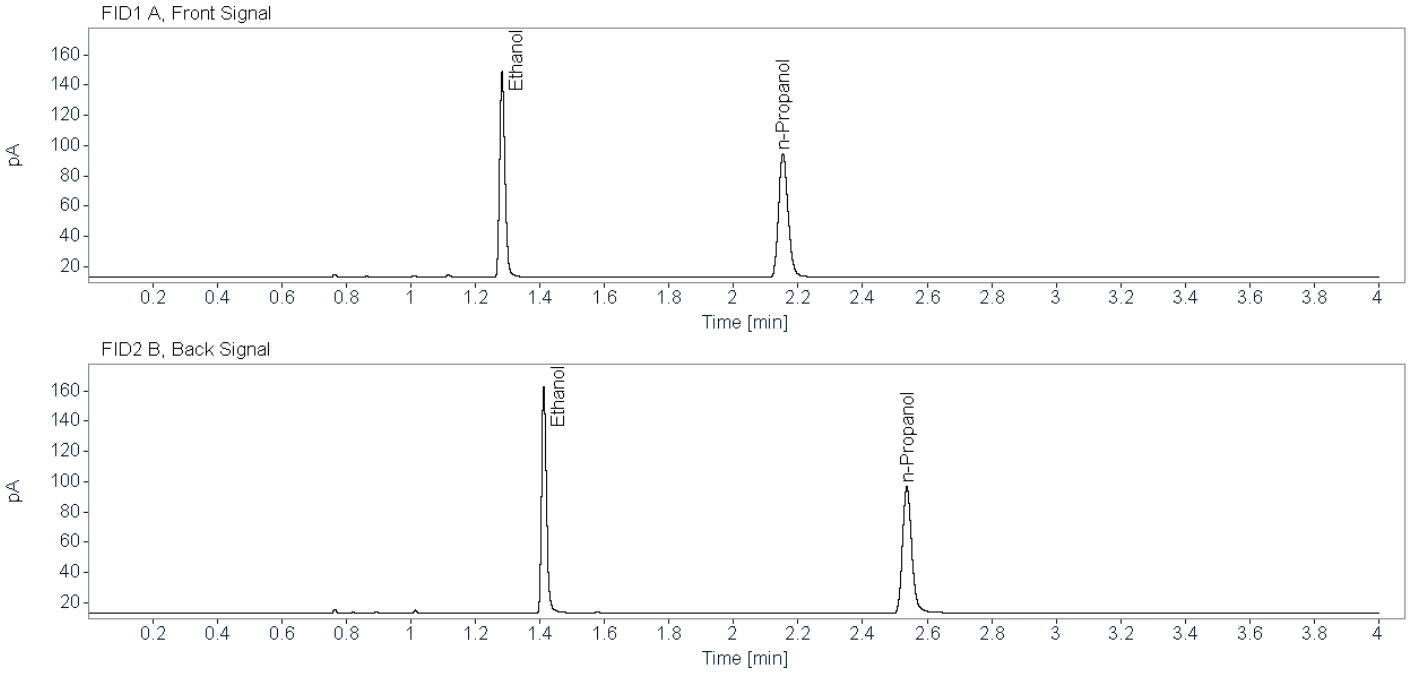
**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2231 001_001 (24-2581) **Description:** Alq 1 **Sample Barcode** 24-2581 **Vial Number:** 40

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 2:34:23 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\040F4001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77185 | 1.283 | 1.281 | 155.6663 | 0.1662 |
| n-Propanol | 0.80130 | 2.153 | 2.152 | 166.0957 | 0.0100 |

**Name** FID2B

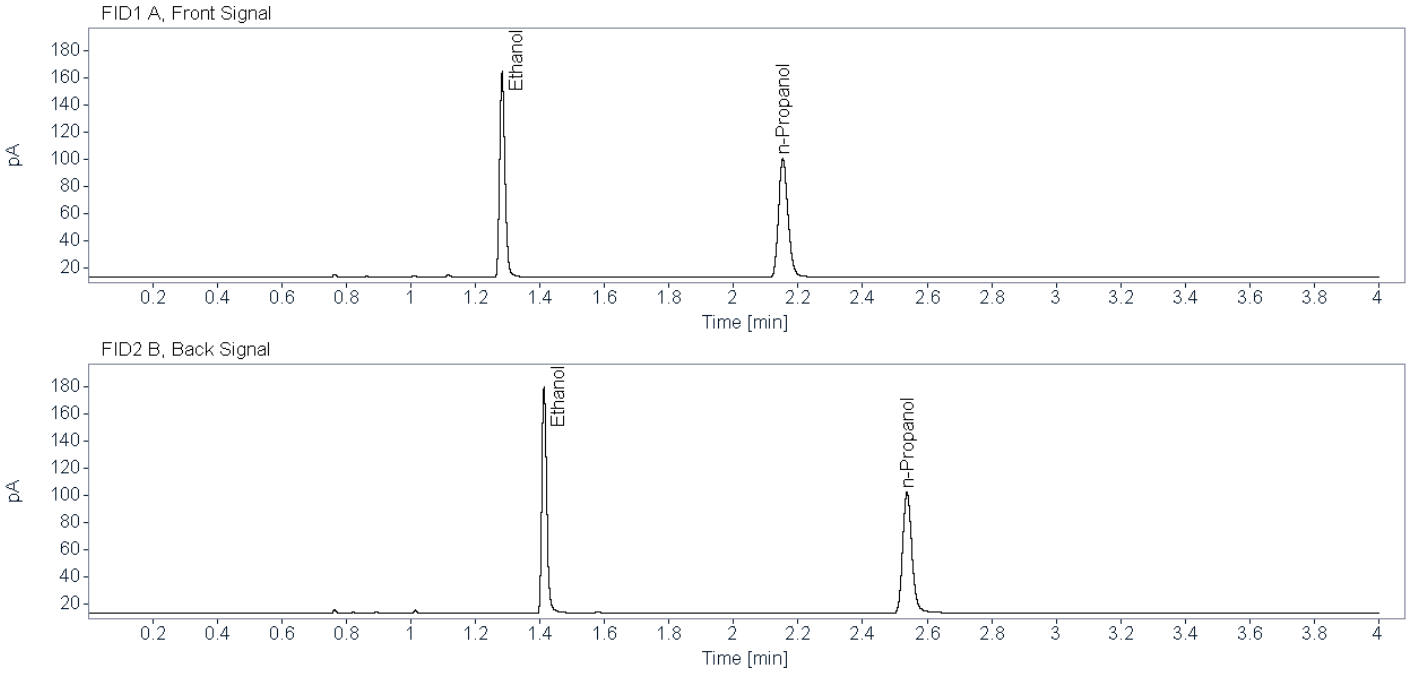
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75968 | 1.412 | 1.410 | 157.3976 | 0.1667 |
| n-Propanol | 0.82062 | 2.537 | 2.535 | 165.0015 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-2231 001_001 (24-2583) **Description:** Alq 2 **Sample Barcode** 24-2583 **Vial Number:** 42

**Instrument:** BAC_2 **Acq. Method:** BAC.M **Injection Date:** 12/5/2024 2:44:47 PM

**Data File:** C:\Chem32\2\Data\2024\BAC_20241205_KB 2024-12-05 11-01-53\042F4201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77430 | 1.283 | 1.281 | 174.2132 | 0.1741 |
| n-Propanol | 0.80059 | 2.153 | 2.152 | 177.4100 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76239 | 1.413 | 1.410 | 176.1425 | 0.1742 |
| n-Propanol | 0.83087 | 2.537 | 2.535 | 176.5688 | 0.0100 |