# Brazoria County Crime Laboratory

## BAC Batch Review Checklist

| **Batch Name:** BAC_20250210_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 | 144 | ✓ | ✓ |

Analyst Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2025.02.26 08:32:05 -06'00'

Date: 2/26/2025

Technical Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2025.03.05 11:09:05 -06'00'

Date: 3/5/2025

**Batch Name:** BAC_20250210_KB

# Technical Review Notes

N/A -- 3/5/2025 mh

# BAC Summary Worksheet

| | |
|---|---|
| **Batch Name:** | BAC_20250210_KB |
| **Instrument:** | BAC-1 |
| **Analyst:** | Kayla M. Baylor |
| **UM%:** | 16.17 |
| **Units:** | g/100 mL (unless otherwise stated) |

| | | FID1 | FID2 |
|---|---|---|---|
| Average Calibrator IS Area Counts | | 182.2677 | 181.5663 |
| Acceptance Range | Min | 164.0409 | 163.4097 |
| | Max | 200.4945 | 199.7229 |

| 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 | 0.0103 | 0.0103 | 3.00 | 0.00 | 0.00 | 177.0606 | 176.4005 |
| **0.025 g/100mL Calibrator** | 0.0248 | 0.0249 | 0.0248 | -0.80 | 0.00 | 0.40 | 181.8340 | 181.0500 |
| **0.050 g/100mL Calibrator** | 0.0495 | 0.0495 | 0.0495 | -1.00 | 0.00 | 0.00 | 180.7745 | 180.1359 |
| **0.100 g/100mL Calibrator** | 0.0985 | 0.0986 | 0.0985 | -1.50 | 0.00 | 0.10 | 182.8172 | 182.0926 |
| **0.200 g/100mL Calibrator** | 0.1984 | 0.1984 | 0.1984 | -0.80 | 0.00 | 0.00 | 185.9375 | 185.3438 |
| **0.400 g/100mL Calibrator** | 0.4000 | 0.3998 | 0.3999 | -0.03 | 0.03 | -0.03 | 181.5536 | 180.7797 |
| **0.500 g/100mL Calibrator** | 0.5035 | 0.5036 | 0.5035 | 0.70 | 0.00 | 0.02 | 185.8966 | 185.1615 |

| | | 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 | - | - | - | 178.9715 | 178.2587 |
| **High QC** | 0.4009 | 0.4003 | 0.4006 | 0.15 | 0.07 | -0.07 | 183.1440 | 182.6055 |
| **Low QC** | 0.0798 | 0.0799 | 0.0798 | -0.25 | 0.00 | 0.13 | 180.4821 | 179.7593 |
| **Blood QC A** | 0.0783 | 0.0782 | 0.0782 | -0.76 | 0.13 | 0.00 | 184.3824 | 183.8261 |
| **Blood QC B** | 0.1948 | 0.1945 | 0.1946 | 1.51 | 0.10 | -0.05 | 180.0429 | 179.4939 |
| **Blood QC A** | 0.0759 | 0.0760 | 0.0759 | -3.68 | 0.00 | 0.13 | 177.3807 | 176.8317 |
| **Blood QC B** | 0.1873 | 0.1881 | 0.1877 | -2.09 | -0.21 | 0.21 | 183.1064 | 182.4946 |
| **Blood QC A** | 0.0769 | 0.0769 | 0.0769 | -2.41 | 0.00 | 0.00 | 176.3840 | 175.7395 |
| **Blood QC B** | 0.1855 | 0.1861 | 0.1858 | -3.08 | -0.16 | 0.16 | 183.6543 | 182.9061 |
| **Blood QC A** | 0.0739 | 0.0743 | 0.0741 | **-5.96** | -0.27 | 0.27 | 179.3222 | 178.3385 |
| **High QC** | 0.4036 | 0.4052 | 0.4044 | 1.10 | -0.20 | 0.20 | 182.9068 | 181.9942 |
| **Low QC** | 0.0808 | 0.0810 | 0.0809 | 1.13 | -0.12 | 0.12 | 179.2363 | 178.1725 |
| **DI Water** | 0.0000 | 0.0000 | 0.0000 | - | - | - | 188.1482 | 187.1076 |

| | | 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 | Alq1 FID2 | Alq 2 FID1 | Alq2 FID2 | IS Area Counts Alq1 FID1 | IS Area Counts Alq1 FID2 | IS Area Counts Alq2 FID1 | IS Area Counts Alq2 FID2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | BCCL-24-2375 001_001 | 0.2403 | 0.2400 | 0.2342 | 0.2345 | 0.237 | 0.038 | 1.29 | 1.16 | -1.29 | -1.16 | 191.2722 | 190.6026 | 185.8312 | 184.7940 |
| 2 | **BCCL-24-2376 001_001** | 0.0898 | 0.0894 | 0.0863 | 0.0863 | 0.087 | 0.014 | 2.10 | 1.65 | -1.88 | -1.88 | 187.7319 | 187.1892 | 188.6962 | 187.7104 |
| 3 | BCCL-24-2383 001_001 | 0.2211 | 0.2207 | 0.2137 | 0.2138 | 0.217 | 0.035 | 1.74 | 1.55 | -1.67 | -1.62 | 183.8875 | 183.2840 | 184.2583 | 183.3120 |
| 4 | BCCL-24-2386 001_001 | 0.2144 | 0.2141 | 0.2138 | 0.2144 | 0.214 | 0.035 | 0.11 | -0.04 | -0.18 | 0.11 | 186.6323 | 185.8993 | 182.0958 | 181.1466 |
| 5 | BCCL-24-2388 001_001 | 0.1664 | 0.1663 | 0.1626 | 0.1630 | 0.164 | 0.027 | 1.11 | 1.05 | -1.20 | -0.96 | 187.5215 | 187.0315 | 182.3230 | 181.4609 |
| 6 | BCCL-24-2390 001_001 | 0.1129 | 0.1129 | 0.1172 | 0.1172 | 0.115 | 0.019 | -1.87 | -1.87 | 1.87 | 1.87 | 184.3723 | 183.8321 | 182.5521 | 181.7407 |
| 7 | BCCL-24-2392 001_001 | 0.1230 | 0.1228 | 0.1238 | 0.1237 | 0.123 | 0.020 | -0.26 | -0.43 | 0.39 | 0.30 | 182.4022 | 181.9111 | 182.9474 | 182.1037 |
| 8 | BCCL-24-2393 001_001 | 0.1830 | 0.1829 | 0.1897 | 0.1903 | 0.186 | 0.030 | -1.86 | -1.92 | 1.73 | 2.05 | 180.8452 | 180.4168 | 185.8971 | 184.9855 |
| 9 | BCCL-24-2395 001_001 | 0.2079 | 0.2077 | 0.2093 | 0.2098 | 0.208 | 0.033 | -0.37 | -0.47 | 0.30 | 0.54 | 184.0477 | 183.5286 | 180.4862 | 179.7330 |
| 10 | BCCL-25-0001 001_001 | 0.1314 | 0.1316 | 0.1346 | 0.1352 | 0.133 | 0.022 | -1.35 | -1.20 | 1.05 | 1.50 | 184.6848 | 183.8134 | 183.3416 | 182.3512 |
| 11 | BCCL-25-0046 001_001 | 0.1863 | 0.1861 | 0.1919 | 0.1926 | 0.189 | 0.031 | -1.55 | -1.65 | 1.41 | 1.78 | 190.0431 | 189.2098 | 186.4803 | 185.3915 |
| 12 | BCCL-25-0047 001_001 | 0.2018 | 0.2017 | 0.2085 | 0.2092 | 0.205 | 0.033 | -1.70 | -1.75 | 1.56 | 1.90 | 185.5544 | 185.0405 | 182.1847 | 181.4037 |
| 13 | BCCL-25-0048 001_001 | 0.1467 | 0.1467 | 0.1499 | 0.1504 | 0.148 | 0.024 | -1.16 | -1.16 | 0.99 | 1.33 | 181.4186 | 180.9345 | 186.5103 | 185.7468 |
| 14 | BCCL-25-0049 001_001 | 0.1550 | 0.1548 | 0.1593 | 0.1593 | 0.157 | 0.025 | -1.34 | -1.46 | 1.40 | 1.40 | 180.8491 | 180.4183 | 184.6062 | 183.9242 |
| 15 | BCCL-25-0060 001_001 | 0.1803 | 0.1802 | 0.1872 | 0.1877 | 0.183 | 0.030 | -1.93 | -1.99 | 1.82 | 2.09 | 182.8091 | 182.3382 | 183.7966 | 183.0489 |
| 16 | BCCL-25-0071 001_001 | 0.1241 | 0.1237 | 0.1226 | 0.1231 | 0.123 | 0.020 | 0.59 | 0.26 | -0.63 | -0.22 | 187.1169 | 186.6689 | 176.7248 | 176.0235 |
| 17 | BCCL-25-0089 001_001 | 0.1492 | 0.1494 | 0.1453 | 0.1458 | 0.147 | 0.024 | 1.20 | 1.34 | -1.44 | -1.10 | 182.7115 | 182.2385 | 180.8595 | 180.1368 |
| 18 | BCCL-25-0093 001_001 | 0.1608 | 0.1612 | 0.1606 | 0.1611 | 0.160 | 0.026 | -0.08 | 0.17 | -0.20 | 0.11 | 182.2785 | 181.7007 | 183.2487 | 182.4923 |
| 19 | BCCL-25-0100 001_001 | 0.1702 | 0.1703 | 0.1708 | 0.1713 | 0.170 | 0.027 | -0.26 | -0.21 | 0.09 | 0.38 | 179.9081 | 179.4859 | 176.3875 | 175.7442 |
| 20 | BCCL-25-0101 001_001 | 0.1230 | 0.1232 | 0.1234 | 0.1237 | 0.123 | 0.020 | -0.26 | -0.10 | 0.06 | 0.30 | 185.2949 | 184.7876 | 180.1951 | 179.5537 |
| 21 | BCCL-25-0104 001_001 | 0.1435 | 0.1438 | 0.1456 | 0.1458 | 0.144 | 0.023 | -0.81 | -0.60 | 0.64 | 0.78 | 182.2179 | 181.7745 | 185.0970 | 184.3501 |
| 22 | BCCL-25-0130 001_001 | 0.1789 | 0.1792 | 0.1720 | 0.1721 | 0.175 | 0.028 | 1.91 | 2.08 | -2.02 | -1.97 | 185.4173 | 184.9219 | 185.6365 | 185.0013 |
| 23 | BCCL-25-0131 001_001 | 0.2266 | 0.2269 | 0.2618 | 0.2618 | ~~0.244~~ | ~~0.039~~ | -7.24 | -7.11 | 7.17 | 7.17 | 183.4823 | 182.8422 | 179.1997 | 178.5172 |
| 24 | BCCL-25-0140 001_001 | 0.1619 | 0.1621 | 0.1673 | 0.1678 | 0.164 | 0.027 | -1.74 | -1.62 | 1.53 | 1.84 | 183.5720 | 183.1032 | 179.1328 | 178.5353 |
| 25 | BCCL-25-0143 001_001 | 0.2349 | 0.2347 | 0.2353 | 0.2356 | 0.235 | 0.038 | -0.10 | -0.18 | 0.07 | 0.20 | 183.1112 | 182.5416 | 187.7254 | 187.1851 |
| 26 | BCCL-25-0144 001_001 | 0.2798 | 0.2798 | 0.2897 | 0.2903 | 0.284 | 0.046 | -1.79 | -1.79 | 1.68 | 1.90 | 185.5268 | 184.7327 | 181.1577 | 180.2600 |
| 27 | **BCCL-25-0161 001_001** | 0.0693 | 0.0695 | 0.0687 | 0.0690 | 0.069 | 0.011 | 0.25 | 0.54 | -0.61 | -0.18 | 189.2125 | 188.6791 | 181.8341 | 181.2434 |
| 28 | BCCL-25-0162 001_001 | 0.1960 | 0.1963 | 0.1934 | 0.1939 | 0.194 | 0.031 | 0.56 | 0.72 | -0.77 | -0.51 | 181.1710 | 180.5671 | 183.1820 | 182.5272 |
| 29 | BCCL-25-0189 001_001 | 0.1141 | 0.1145 | 0.1107 | 0.1111 | 0.112 | 0.018 | 1.33 | 1.69 | -1.69 | -1.33 | 180.5659 | 180.0774 | 182.4200 | 181.9004 |
| 30 | BCCL-25-0190 001_001 | 0.1269 | 0.1273 | 0.1260 | 0.1261 | 0.126 | 0.020 | 0.26 | 0.57 | -0.45 | -0.38 | 182.8782 | 182.2427 | 185.7942 | 185.1303 |

KB 2/25/2025

KB 2/25/2025

KB 2/25/2025

Blood QC A failed to meet acceptance criteria, outside 5% of target -KB 2/25/2025

Due to multiple QC failures when analyzing samples 1 through 10, these cases were not repeated in-house and were sent to an outside agency for testing -KB 2/25/2025

Kayla M. Baylor
Digitally signed by Kayla M. Baylor
Date: 2025.02.26 08:28:42 -06'00'

# Brazoria County Crime Lab

## BAC Batch Information

**Batch Name:** BAC-20250210-KB **Analyst:** Kayla M. Baylor **Instrument:** BAC-1

| | Lot: | Expiration: | Inventory Number: |
|---|---|---|---|
| Cal 1 | FN12272201 | 2/29/2028 | S-23-5008P |
| Cal 2 | FN03122112 | 3/31/2026 | S-23-5009D |
| Cal 3 | FN03172301 | 3/31/2028 | S-23-5010G |
| Cal 4 | FN03072301 | 3/31/2028 | S-23-5011G |
| Cal 5 | FN03132302 | 3/31/2028 | S-23-5012F |
| Cal 6 | FN03052102 | 3/31/2026 | S-23-5013E |
| Cal 7 | FN0626 2004 | 7/31/2025 | S-23-5014H |
| High QC | 12052023-B | 5/31/2028 | S-24-5080B |
| Low QC | 517757 | 6/21/2025 | S-24-5001K |
| Blood QC A | 2401241 | 2/28/2028 | S-24-5002F |
| Blood QC B | 2302120 | 5/31/2027 | S-24-5003F |
| Internal Standard | N/A | 3/4/2025 | R-24-5006 |
| Pipette(s) | 5053, 205L | | |

**Comments:**



KB

BAC-20250210-KB

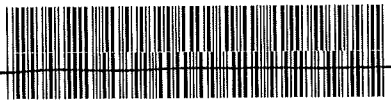
# BCCL ANALYTICAL WORKLIST

**ANALYST: Kayla Baylor**

**Worklist ID: B73HYK6NE7H1D8**

| Case # | Evid # | Evid Type | Service | |
|---|---|---|---|---|
| BCCL-24-2375 | 001_001 | Blood | Alcohol | |
| | ~~001_002~~ | ~~Blood~~ | ~~Alcohol~~ | -KB 2/25/2025 |
| BCCL-24-2376 | 001_001 | Blood | Alcohol | |
| | ~~001_002~~ | ~~Blood~~ | ~~Alcohol~~ | -KB 2/25/2025 |
| BCCL-24-2383 | 001_001 | Blood | Alcohol | |
| | ~~001_002~~ | ~~Blood~~ | ~~Alcohol~~ | -KB 2/25/2025 |
| BCCL-24-2386 | 001_001 | Blood | Alcohol | |
| | ~~001_002~~ | ~~Blood~~ | ~~Alcohol~~ | -KB 2/25/2025 |
| BCCL-24-2388 | 001_001 | Blood | Alcohol | |
| | ~~001_002~~ | ~~Blood~~ | ~~Alcohol~~ | -KB 2/25/2025 |
| BCCL-24-2390 | 001_001 | Blood | Alcohol | |
| | ~~001_002~~ | ~~Blood~~ | ~~Alcohol~~ | -KB 2/25/2025 |
| BCCL-24-2392 | 001_001 | Blood | Alcohol | |
| | ~~001_002~~ | ~~Blood~~ | ~~Alcohol~~ | -KB 2/25/2025 |
| BCCL-24-2393 | 001_001 | Blood | Alcohol | |
| | ~~001_002~~ | ~~Blood~~ | ~~Alcohol~~ | -KB 2/25/2025 |
| BCCL-24-2395 | 001_001 | Blood | Alcohol | |
| | ~~001_002~~ | ~~Blood~~ | ~~Alcohol~~ | -KB 2/25/2025 |
| BCCL-25-0001 | | | | KB |

BAC.20250210-KB

| Case # | Evid # | Evid Type | Service |
|---|---|---|---|
|  | 001_001 | Blood | Alcohol |
| | ~~001_002~~ | ~~Blood~~ | ~~Alcohol~~ - KB 2/25/2025 |
| BCCL-25-0046  | 001_001 | Blood | Alcohol |
| BCCL-25-0047  | 001_001 | Blood | Alcohol |
| BCCL-25-0048  | 001_001 | Blood | Alcohol |
| BCCL-25-0049  | 001_001 | Blood | Alcohol |
| BCCL-25-0060  | 001_001 | Blood | Alcohol |
| BCCL-25-0071  | 001_001 | Blood | Alcohol |
| BCCL-25-0089  | 001_001 | Blood | Alcohol |
| BCCL-25-0093  | 001_001 | Blood | Alcohol |
| BCCL-25-0100  | 001_001 | Blood | Alcohol |
| BCCL-25-0101  | 001_001 | Blood | Alcohol |
| BCCL-25-0104  | 001_001 | Blood | Alcohol |
| BCCL-25-0130  | 001_001 | Blood | Alcohol |
| BCCL-25-0131  | 001_001 | Blood | Alcohol |
| BCCL-25-0140  | 001_001 | Blood | Alcohol |

KB

BAC_20250210-KB

| Case # | Evid # | Evid Type | Service |
|---|---|---|---|
| BCCL-25-0143 | 001_001 | Blood | Alcohol |
| BCCL-25-0144 | 001_001 | Blood | Alcohol |
| BCCL-25-0161 | 001_001 | Blood | Alcohol |
| BCCL-25-0162 | 001_001 | Blood | Alcohol |
| BCCL-25-0189 | 001_001 | Blood | Alcohol |
| BCCL-25-0190 | 001_001 | Blood | Alcohol |

KB

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250210_KB.S

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SEQUENCE PARAMETERS

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```
Sequence              : C:\CHEM32\1\SEQUENCE\2025\BAC_20250210_KB.S
Operator              : Kayla M. Baylor
Data File Naming      : Auto
Data Directory        : C:\Chem32\1\Data\
Data Subdirectory     : 2025
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
2/10/2025 mh

SEQUENCE TABLE:

==========

```
Line                  : 1
Location              : 1
Sample Information    :
Sample Name           : 0.010 g/100mL Cal (25-0235)
Method Name           : BAC
Sample Type           : Calibration
```

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```
Calibration Level     : 1
```

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```
Line                  : 2
Location              : 2
Sample Information    :
Sample Name           : 0.025 g/100mL Cal (25-0236)
Method Name           : BAC
Sample Type           : Calibration
```

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```
Calibration Level     : 2
```

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```
Line                  : 3
Location              : 3
Sample Information    :
Sample Name           : 0.050 g/100mL Cal (25-0237)
Method Name           : BAC
Sample Type           : Calibration
```

---

```
Calibration Level     : 3
```

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```
Line                  : 4
Location              : 4
Sample Information    :
Sample Name           : 0.100 g/100mL Cal (25-0238)
Method Name           : BAC
Sample Type           : Calibration
```

KB

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Calibration Level : 4

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Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (25-0239)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 5

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Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (25-0240)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 6

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Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (25-0241)
Method Name : BAC
Sample Type : Calibration

---

Calibration Level : 7

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Line : 8
Location : 8
Sample Information :
Sample Name : Negative (25-0242)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (25-0243)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250210_KB.S

Sample Name : Low QC (25-0244)
Method Name : BAC
Sample Type : Sample

---

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (25-0245)
Method Name : BAC
Sample Type : Sample

---

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-24-2375 001_001 (25-246)
Method Name : BAC
Sample Type : Sample

---

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-24-2376 001_001 (25-0247)
Method Name : BAC
Sample Type : Sample

---

Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-24-2383 001_001 (25-0248)
Method Name : BAC
Sample Type : Sample

---

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-24-2386 001_001 (25-0249)
Method Name : BAC
Sample Type : Sample

---

Line : 16
Location : 16
Sample Information : Alq 1

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250210_KB.S

Sample Name : BCCL-24-2388 001_001 (25-0250)
Method Name : BAC
Sample Type : Sample

---

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-24-2390 001_001 (25-0251)
Method Name : BAC
Sample Type : Sample

---

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-24-2392 001_001 (25-0252)
Method Name : BAC
Sample Type : Sample

---

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-24-2393 001_001 (25-0253)
Method Name : BAC
Sample Type : Sample

---

Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-24-2395 001_001 (25-0254)
Method Name : BAC
Sample Type : Sample

---

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-25-0001 001_001 (25-0255)
Method Name : BAC
Sample Type : Sample

---

Line : 22
Location : 22
Sample Information :

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250210_KB.S

Sample Name : Blood QC B (25-0256)
Method Name : BAC
Sample Type : Sample

---

Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-25-0046 001_001 (25-0257)
Method Name : BAC
Sample Type : Sample

---

Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-25-0047 001_001 (25-0258)
Method Name : BAC
Sample Type : Sample

---

Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-25-0048 001_001 (25-0259)
Method Name : BAC
Sample Type : Sample

---

Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-25-0049 001_001 (25-0260)
Method Name : BAC
Sample Type : Sample

---

Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-25-0060 001_001 (25-0261)
Method Name : BAC
Sample Type : Sample

---

Line : 28
Location : 28
Sample Information : Alq 1

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250210_KB.S

Sample Name : BCCL-25-0071 001_001 (25-0262)
Method Name : BAC
Sample Type : Sample

---

Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-25-0089 001_001 (25-0263)
Method Name : BAC
Sample Type : Sample

---

Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-25-0093 001_001 (25-0264)
Method Name : BAC
Sample Type : Sample

---

Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-25-0100 001_001 (25-0265)
Method Name : BAC
Sample Type : Sample

---

Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : BCCL-25-0101 001_001 (25-0266)
Method Name : BAC
Sample Type : Sample

---

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (25-0267)
Method Name : BAC
Sample Type : Sample

---

Line : 34
Location : 34
Sample Information : Alq 1

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250210_KB.S

Sample Name : BCCL-25-0104 001_001 (25-0268)
Method Name : BAC
Sample Type : Sample

---

Line : 35
Location : 35
Sample Information : Alq 1
Sample Name : BCCL-25-0130 001_001 (25-0269)
Method Name : BAC
Sample Type : Sample

---

Line : 36
Location : 36
Sample Information : Alq 1
Sample Name : BCCL-25-0131 001_001 (25-0270)
Method Name : BAC
Sample Type : Sample

---

Line : 37
Location : 37
Sample Information : Alq 1
Sample Name : BCCL-25-0140 001_001 (25-0271)
Method Name : BAC
Sample Type : Sample

---

Line : 38
Location : 38
Sample Information : Alq 1
Sample Name : BCCL-25-0143 001_001 (25-0272)
Method Name : BAC
Sample Type : Sample

---

Line : 39
Location : 39
Sample Information : Alq 1
Sample Name : BCCL-25-0144 001_001 (25-0273)
Method Name : BAC
Sample Type : Sample

---

Line : 40
Location : 40
Sample Information : Alq 1

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250210_KB.S

Sample Name : BCCL-25-0161 001_001 (25-0274)
Method Name : BAC
Sample Type : Sample

---

Line : 41
Location : 41
Sample Information : Alq 1
Sample Name : BCCL-25-0162 001_001 (25-0275)
Method Name : BAC
Sample Type : Sample

---

Line : 42
Location : 42
Sample Information : Alq 1
Sample Name : BCCL-25-0189 001_001 (25-0276)
Method Name : BAC
Sample Type : Sample

---

Line : 43
Location : 43
Sample Information : Alq 1
Sample Name : BCCL-25-0190 001_001 (25-0277)
Method Name : BAC
Sample Type : Sample

---

Line : 44
Location : 44
Sample Information :
Sample Name : Blood QC B (25-0278)
Method Name : BAC
Sample Type : Sample

---

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-25-0190 001_001 (25-0279)
Method Name : BAC
Sample Type : Sample

---

Line : 46
Location : 46
Sample Information : Alq 2

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250210_KB.S

Sample Name : BCCL-25-0189 001_001 (25-0280)
Method Name : BAC
Sample Type : Sample

---

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-25-0162 001_001 (25-0281)
Method Name : BAC
Sample Type : Sample

---

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-25-0161 001_001 (25-0282)
Method Name : BAC
Sample Type : Sample

---

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-25-0144 001_001 (25-0283)
Method Name : BAC
Sample Type : Sample

---

Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-25-0143 001_001 (25-0284)
Method Name : BAC
Sample Type : Sample

---

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-25-0140 001_001 (25-0285)
Method Name : BAC
Sample Type : Sample

---

Line : 52
Location : 52
Sample Information : Alq 2

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250210_KB.S

Sample Name : BCCL-25-0131 001_001 (25-0286)
Method Name : BAC
Sample Type : Sample

---

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-25-0130 001_001 (25-0287)
Method Name : BAC
Sample Type : Sample

---

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-25-0104 001_001 (25-0288)
Method Name : BAC
Sample Type : Sample

---

Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (25-0289)
Method Name : BAC
Sample Type : Sample

---

Line : 56
Location : 56
Sample Information : Alq 2
Sample Name : BCCL-25-0101 001_001 (25-0290)
Method Name : BAC
Sample Type : Sample

---

Line : 57
Location : 57
Sample Information : Alq 2
Sample Name : BCCL-25-0100 001_001 (25-0291)
Method Name : BAC
Sample Type : Sample

---

Line : 58
Location : 58
Sample Information : Alq 2

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250210_KB.S

Sample Name : BCCL-25-0093 001_001 (25-0292)
Method Name : BAC
Sample Type : Sample

---

Line : 59
Location : 59
Sample Information : Alq 2
Sample Name : BCCL-25-0089 001_001 (25-0293)
Method Name : BAC
Sample Type : Sample

---

Line : 60
Location : 60
Sample Information : Alq 2
Sample Name : BCCL-25-0071 001_001 (25-0294)
Method Name : BAC
Sample Type : Sample

---

Line : 61
Location : 61
Sample Information : Alq 2
Sample Name : BCCL-25-0060 001_001 (25-0295)
Method Name : BAC
Sample Type : Sample

---

Line : 62
Location : 62
Sample Information : Alq 2
Sample Name : BCCL-25-0049 001_001 (25-0296)
Method Name : BAC
Sample Type : Sample

---

Line : 63
Location : 63
Sample Information : Alq 2
Sample Name : BCCL-25-0048 001_001 (25-0297)
Method Name : BAC
Sample Type : Sample

---

Line : 64
Location : 64
Sample Information : Alq 2

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250210_KB.S

Sample Name : BCCL-25-0047 001_001 (25-0298)
Method Name : BAC
Sample Type : Sample

---

Line : 65
Location : 65
Sample Information : Alq 2
Sample Name : BCCL-25-0046 001_001 (25-0299)
Method Name : BAC
Sample Type : Sample

---

Line : 66
Location : 66
Sample Information :
Sample Name : Blood QC B (25-0300)
Method Name : BAC
Sample Type : Sample

---

Line : 67
Location : 67
Sample Information : Alq 2
Sample Name : BCCL-25-0001 001_001 (25-0301)
Method Name : BAC
Sample Type : Sample

---

Line : 68
Location : 68
Sample Information : Alq 2
Sample Name : BCCL-24-2395 001_001 (25-0302)
Method Name : BAC
Sample Type : Sample

---

Line : 69
Location : 69
Sample Information : Alq 2
Sample Name : BCCL-24-2393 001_001 (25-0303)
Method Name : BAC
Sample Type : Sample

---

Line : 70
Location : 70
Sample Information : Alq 2

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250210_KB.S

Sample Name : BCCL-24-2392 001_001 (25-0304)
Method Name : BAC
Sample Type : Sample

---

Line : 71
Location : 71
Sample Information : Alq 2
Sample Name : BCCL-24-2390 001_001 (25-0305)
Method Name : BAC
Sample Type : Sample

---

Line : 72
Location : 72
Sample Information : Alq 2
Sample Name : BCCL-24-2388 001_001 (25-0306)
Method Name : BAC
Sample Type : Sample

---

Line : 73
Location : 73
Sample Information : Alq 2
Sample Name : BCCL-24-2386 001_001 (25-0307)
Method Name : BAC
Sample Type : Sample

---

Line : 74
Location : 74
Sample Information : Alq 2
Sample Name : BCCL-24-2383 001_001 (25-0308)
Method Name : BAC
Sample Type : Sample

---

Line : 75
Location : 75
Sample Information : Alq 2
Sample Name : BCCL-24-2376 001_001 (25-0309)
Method Name : BAC
Sample Type : Sample

---

Line : 76
Location : 76
Sample Information : Alq 2

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250210_KB.S

Sample Name : BCCL-24-2375 001_001 (25-0310)
Method Name : BAC
Sample Type : Sample

---

Line : 77
Location : 77
Sample Information :
Sample Name : Blood QC A (25-0311)
Method Name : BAC
Sample Type : Sample

---

Line : 78
Location : 78
Sample Information :
Sample Name : High QC (25-0312)
Method Name : BAC
Sample Type : Sample

---

Line : 79
Location : 79
Sample Information :
Sample Name : Low QC (25-0313)
Method Name : BAC
Sample Type : Sample

---

Line : 80
Location : 80
Sample Information :
Sample Name : DI Water (25-0314)
Method Name : BAC
Sample Type : Sample

---

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/10/2025 at 9:16:23 AM

## Method Information

Method: C:\Chem32\1\Methods\BAC.M
Modified: 2/10/2025 at 9:16:23 AM

## 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 10.11.30.56 |
| Injection Location: | GC Front |

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/10/2025 at 9:16:23 AM

==========

Agilent 7697A

==========

Agilent 7697A
Instrument Info

| | |
|---|---|
| Address: | 10.11.30.56 |
| Serial Number: | CN18320011 |
| Firmware Revision: | A.01.08 |

Instrument Settings

| | |
|---|---|
| Vial Pressurization Gas: | Helium |
| Loop Size (mL): | 1 |
| Keyboard Lock: | ON |
| 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 |

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 |

## Agilent 7890A

GC
GC Summary

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

Oven

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

Front SS Inlet He

| | |
|---|---|
| Mode | Split |
| Heater | On 110 °C |
| Pressure | On 24 psi |
| Total Flow | On 79.947 mL/min |
| Septum Purge Flow | On 3 mL/min |
| Gas Saver | Off |
| Split Ratio | 10 :1 |
| Split Flow | 69.952 mL/min |

Column

| | |
|---|---|
| Column Outlet Pressure | 0 psi |
| Column #1 | |
| Column Information | Agilent 123-9134 |
| DB-ALC1 | |
| Temperature Range | -60 °C—260 °C (260 °C) |
| Dimensions | 30 m x 320 µm x 1.8 µm |
| 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 |
| Pressure | |
| Setpoint | On |
| (Initial) | 24 psi |
| Post Run | 9.4366 psi |

Column #2

| | |
|---|---|
| Column Information | Agilent 123-9234 |
| DB-ALC2 | |
| Temperature Range | -60 °C—260 °C (260 °C) |

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/10/2025 at 9:16:23 AM

| | |
|---|---|
| Dimensions | 30 m x 320 µm x 1.2 µm |
| 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 |
| Pressure | |
| Setpoint | On |
| (Initial) | 24 psi |
| Post Run | 9.4366 psi |

Front Detector FID

| | |
|---|---|
| Makeup | N2 |
| 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 |

Back Detector FID

| | |
|---|---|
| Makeup | N2 |
| Column Compensation | 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 |

Aux EPC 1,2,3
Aux EPC 1 He

***Excluded from Affecting GC's Readiness State***

| | |
|---|---|
| Pressure | |
| Setpoint | Off |
| (Initial) | 10 psi |
| Post Run | 0 psi |

Aux EPC 2 He

***Excluded from Affecting GC's Readiness State***

| | |
|---|---|
| Pressure | |
| Setpoint | Off |
| (Initial) | 10 psi |
| Post Run | 0 psi |

Aux EPC 3 He

***Excluded from Affecting GC's Readiness State***

| | |
|---|---|
| Pressure | |
| Setpoint | Off |
| (Initial) | 10 psi |
| Post Run | 0 psi |

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/10/2025 at 9:16:23 AM

Signals

| | |
|---|---|
| Signal #1: Front Signal | |
| Description | Front Signal |
| Details | Front Signal (FID) |
| Save | On |
| Data Rate | 20 Hz |
| Signal #2: Back Signal | |
| Description | Back Signal |
| Details | Back Signal (FID) |
| Save | On |
| Data Rate | 20 Hz |
| Signal #3: Test Plot | |
| Description | Test Plot |
| Details | |
| Save | Off |
| Data Rate | 50 Hz |
| Signal #4: Test Plot | |
| Description | Test Plot |
| Details | |
| Save | Off |
| Data Rate | 50 Hz |

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\1\Methods\BAC.M
Modified on: 2/10/2025 at 9:16:23 AM

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_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_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 |
| Solvent Peak Slope | 250000.000 | 0.000 |

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 |
| Solvent Peak Slope | 0.000 | 0.000 |

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/10/2025 at 9:16:23 AM

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 |
| Solvent Peak Slope | 0.000 | 0.000 |

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 |
| Solvent Peak Slope | 0.000 | 0.000 |

Detector Default Integration Event Table "Event_uECD"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 500.000 | Initial |
| Initial Peak Width | 0.080 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.000 | Initial |
| Initial Shoulders | OFF | Initial |
| Solvent Peak Slope | 0.000 | 0.000 |

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 | 2.000 | Initial |
| Initial Height Reject | 2.000 | Initial |
| Initial Shoulders | OFF | Initial |

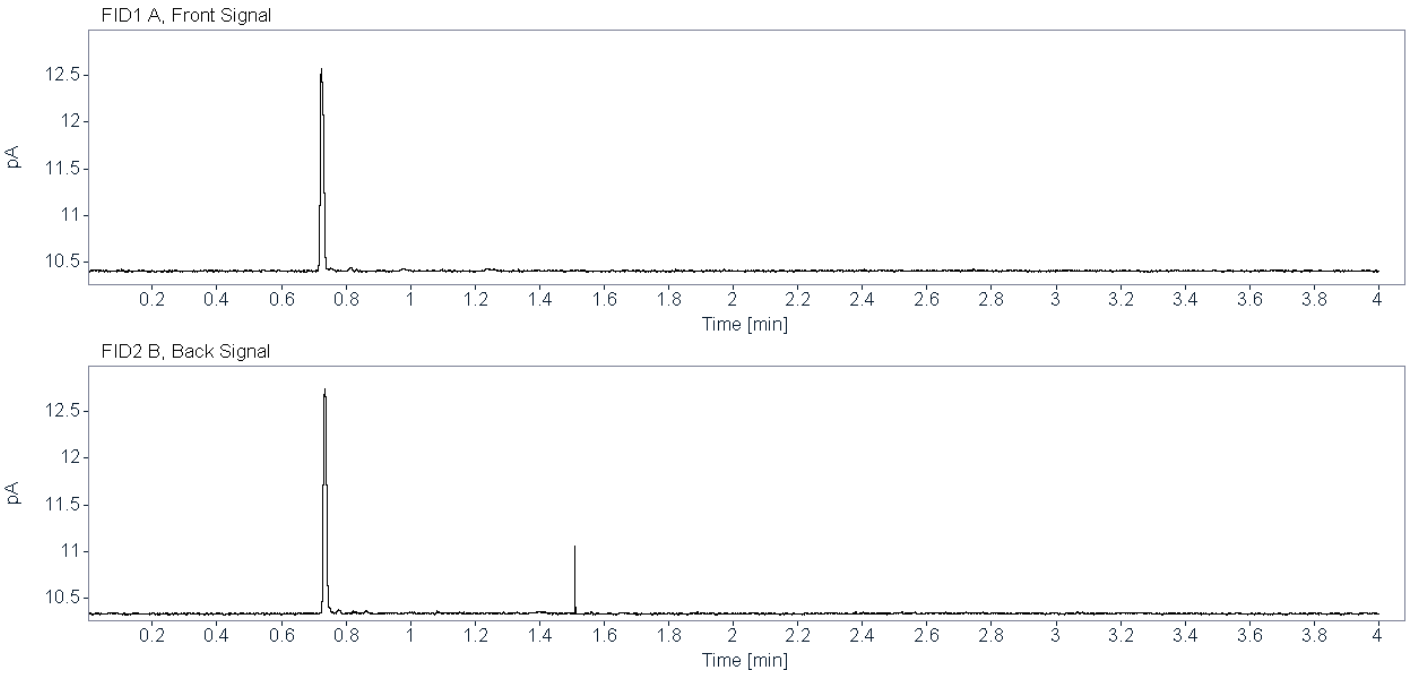
Apply Method's Manual Integration Events: No

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

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

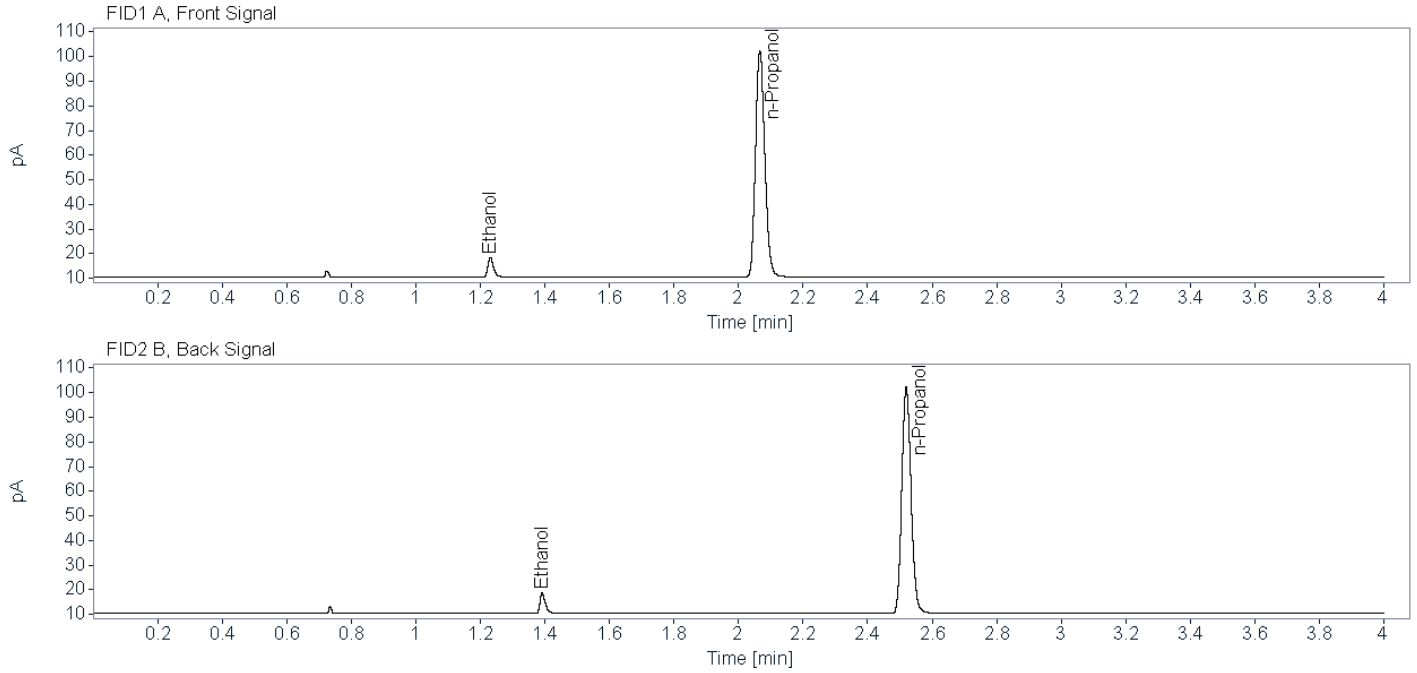
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 8:46:54 AM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210PC_KB 2025-02-10 08-36-56\001F0101.D



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

**Sample Name:** PC **Description:** **Sample Barcode** **Vial Number:** 2
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 8:51:36 AM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210PC_KB 2025-02-10 08-36-56\002F0201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69834 | 1.231 | 1.231 | 9.6267 | 0.0107 |
| n-Propanol | 0.82812 | 2.066 | 2.066 | 184.0477 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.66515 | 1.392 | 1.392 | 9.4691 | 0.0105 |
| n-Propanol | 0.85730 | 2.519 | 2.519 | 183.2757 | 0.0100 |

# Calibration Table

## General Calibration Setting

Calib. Data Modified : 2/11/2025 6:35:23 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 |
|---|---|---|---|---|---|---|---|---|---|
| 1.225 | 1 | 1 | 1.00000e-2 | 9.26311 | 1.07955e-3 | No | No | 1 | Ethanol |
| | | 2 | 2.50000e-2 | 24.41367 | 1.02402e-3 | | | | |
| | | 3 | 5.00000e-2 | 49.44815 | 1.01116e-3 | | | | |
| | | 4 | 1.00000e-1 | 100.50211 | 9.95004e-4 | | | | |
| | | 5 | 2.00000e-1 | 207.04866 | 9.65957e-4 | | | | |
| | | 6 | 4.00000e-1 | 408.57114 | 9.79022e-4 | | | | |
| | | 7 | 5.00000e-1 | 526.85156 | 9.49034e-4 | | | | |
| 1.386 | 2 | 1 | 1.00000e-2 | 9.10006 | 1.09889e-3 | No | No | 2 | Ethanol |
| | | 2 | 2.50000e-2 | 24.22559 | 1.03197e-3 | | | | |
| | | 3 | 5.00000e-2 | 49.07252 | 1.01890e-3 | | | | |
| | | 4 | 1.00000e-1 | 99.83028 | 1.00170e-3 | | | | |
| | | 5 | 2.00000e-1 | 205.60947 | 9.72718e-4 | | | | |
| | | 6 | 4.00000e-1 | 405.21048 | 9.87141e-4 | | | | |
| | | 7 | 5.00000e-1 | 523.10834 | 9.55825e-4 | | | | |
| 2.066 | 1 | 1 | 1.00000e-2 | 177.06061 | 5.64778e-5 | No | Yes | 1 | n-Propanol |
| | | 2 | 1.00000e-2 | 181.83400 | 5.49952e-5 | | | | |
| | | 3 | 1.00000e-2 | 180.77449 | 5.53175e-5 | | | | |
| | | 4 | 1.00000e-2 | 182.81725 | 5.46994e-5 | | | | |
| | | 5 | 1.00000e-2 | 185.93748 | 5.37815e-5 | | | | |
| | | 6 | 1.00000e-2 | 181.55365 | 5.50801e-5 | | | | |
| | | 7 | 1.00000e-2 | 185.89664 | 5.37933e-5 | | | | |
| 2.520 | 2 | 1 | 1.00000e-2 | 176.40050 | 5.66892e-5 | No | Yes | 2 | n-Propanol |
| | | 2 | 1.00000e-2 | 181.05005 | 5.52333e-5 | | | | |
| | | 3 | 1.00000e-2 | 180.13588 | 5.55136e-5 | | | | |
| | | 4 | 1.00000e-2 | 182.09258 | 5.49171e-5 | | | | |
| | | 5 | 1.00000e-2 | 185.34384 | 5.39538e-5 | | | | |
| | | 6 | 1.00000e-2 | 180.77974 | 5.53159e-5 | | | | |
| | | 7 | 1.00000e-2 | 185.16154 | 5.40069e-5 | | | | |

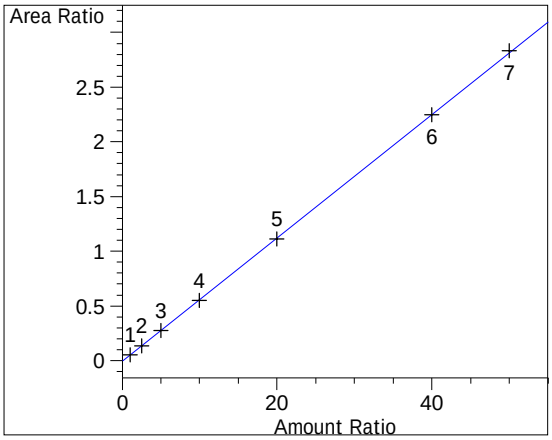
Peak Sum Table

***No Entries in table***

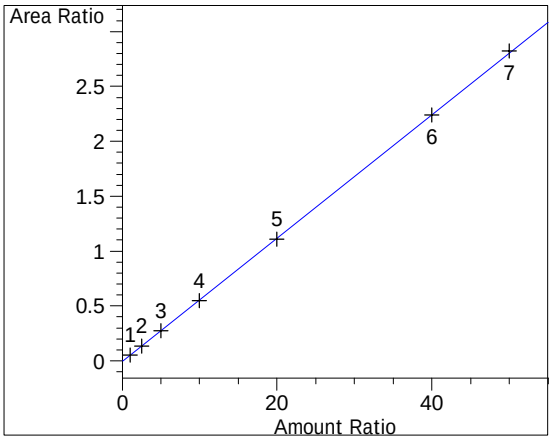
1 Warnings or Errors :

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

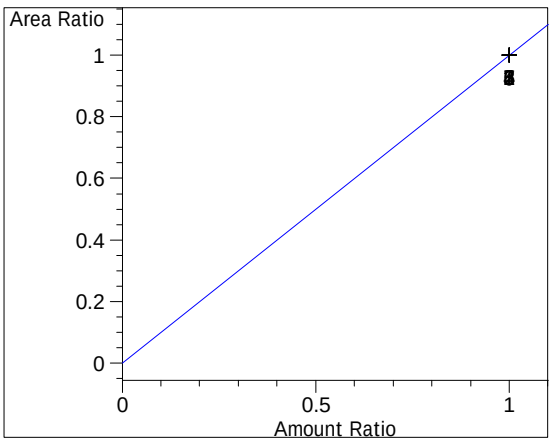
## Calibration Curves



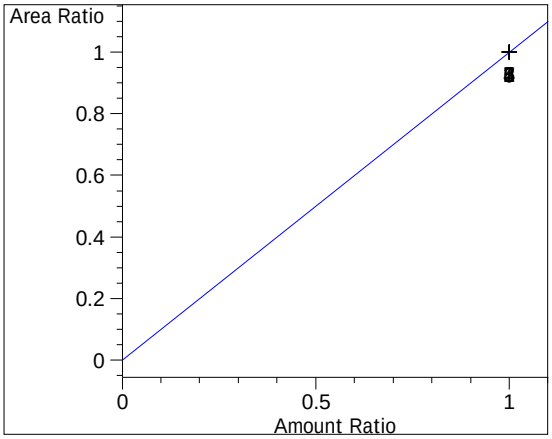

Ethanol at exp. RT: 1.225
FID1 A, Front Signal
Correlation: 0.99996
Residual Std. Dev.: 0.01043
Formula: y = mx + b
m: 5.64067e-2
b: -5.82427e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.389652
Level 3 : 0.191259
Level 4 : 0.095165
Level 5 : 0.046982
Level 6 : 0.023247
Level 7 : 0.018459




Ethanol at exp. RT: 1.386
FID2 B, Back Signal
Correlation: 0.99997
Residual Std. Dev.: 0.01056
Formula: y = mx + b
m: 5.62236e-2
b: -6.16165e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.385539
Level 3 : 0.189368
Level 4 : 0.094097
Level 5 : 0.046503
Level 6 : 0.023015
Level 7 : 0.01826




n-Propanol at exp. RT: 2.066
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

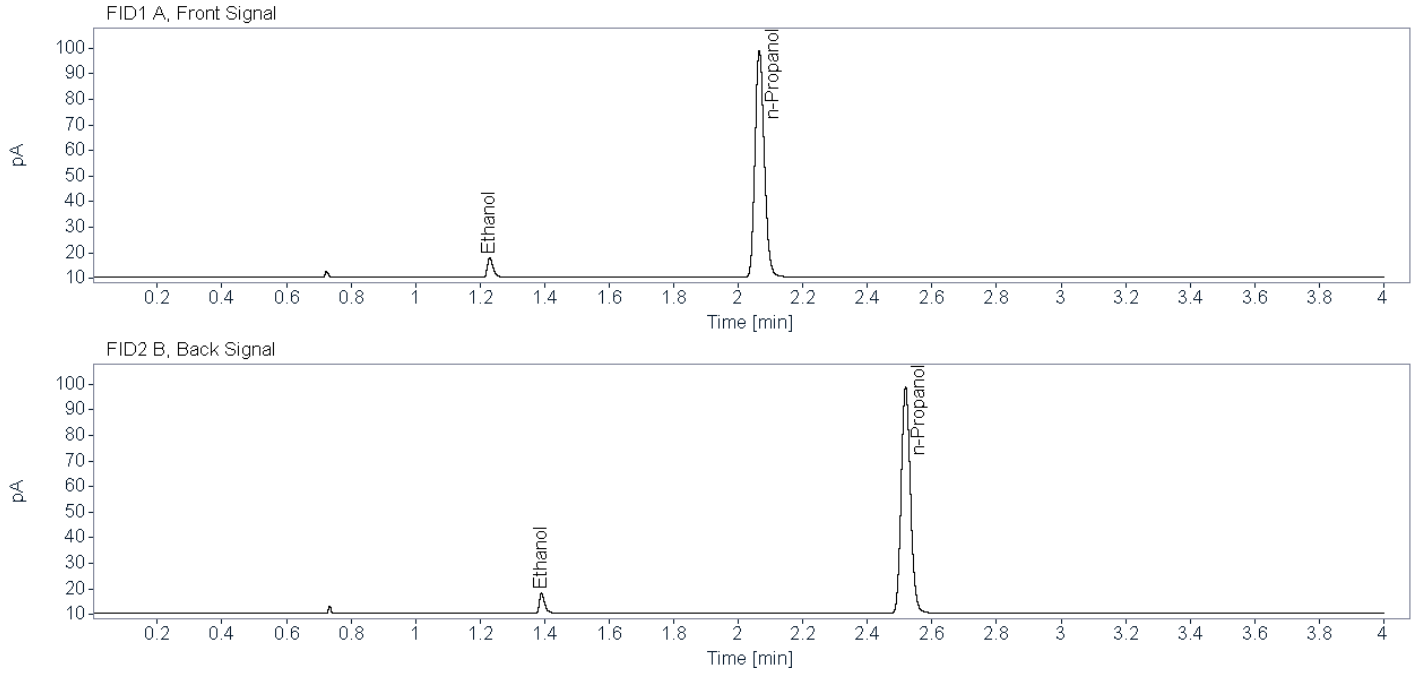



n-Propanol at exp. RT: 2.520
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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

**Sample Name:** 0.010 g/100mL Cal (25-0235) **Description:** **Sample Barcode** 25-0235 **Vial Number:** 1
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 2:30:40 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\001F0101.D




**Name** FID1A

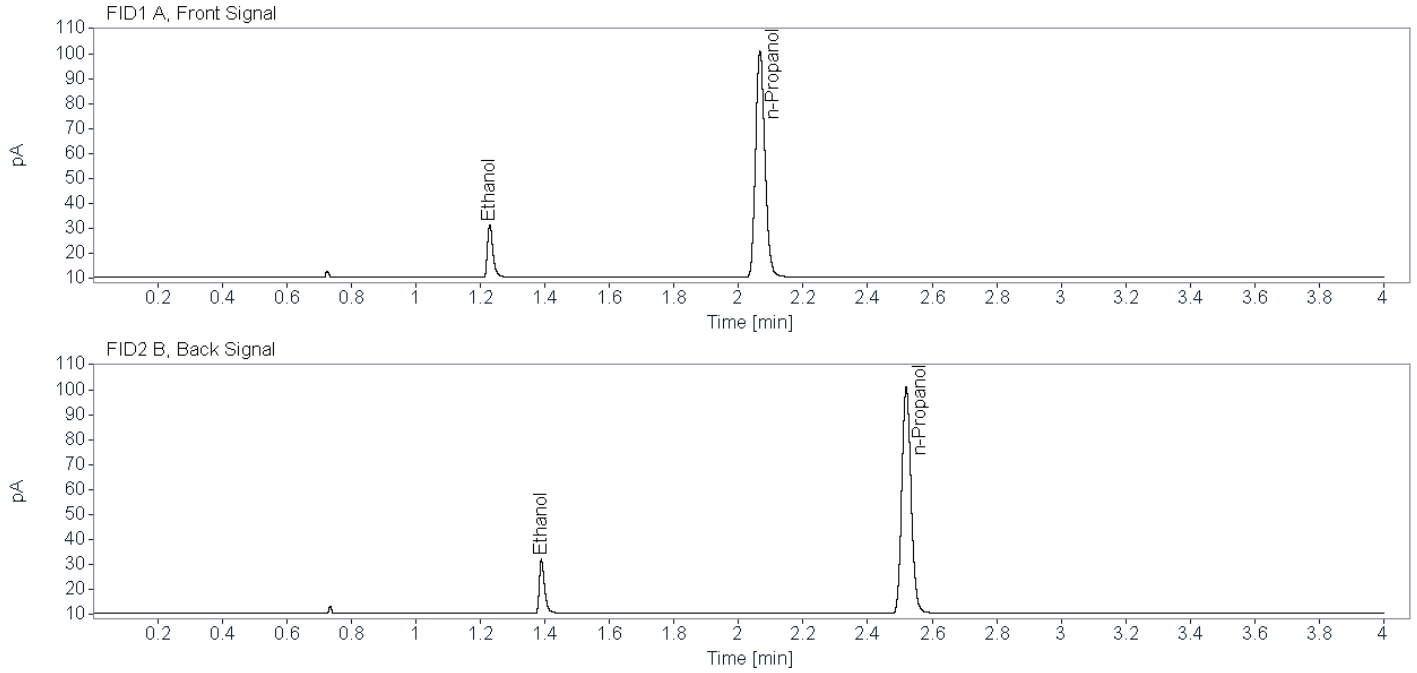
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.68353 | 1.230 | 1.230 | 9.2631 | 0.0103 |
| n-Propanol | 0.83845 | 2.065 | 2.065 | 177.0606 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.65742 | 1.391 | 1.391 | 9.1001 | 0.0103 |
| n-Propanol | 0.86340 | 2.518 | 2.518 | 176.4005 | 0.0100 |

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

**Sample Name:** 0.025 g/100mL Cal (25-0236) **Description:** **Sample Barcode** 25-0236 **Vial Number:** 2
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 2:35:22 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\002F0201.D




**Name** FID1A

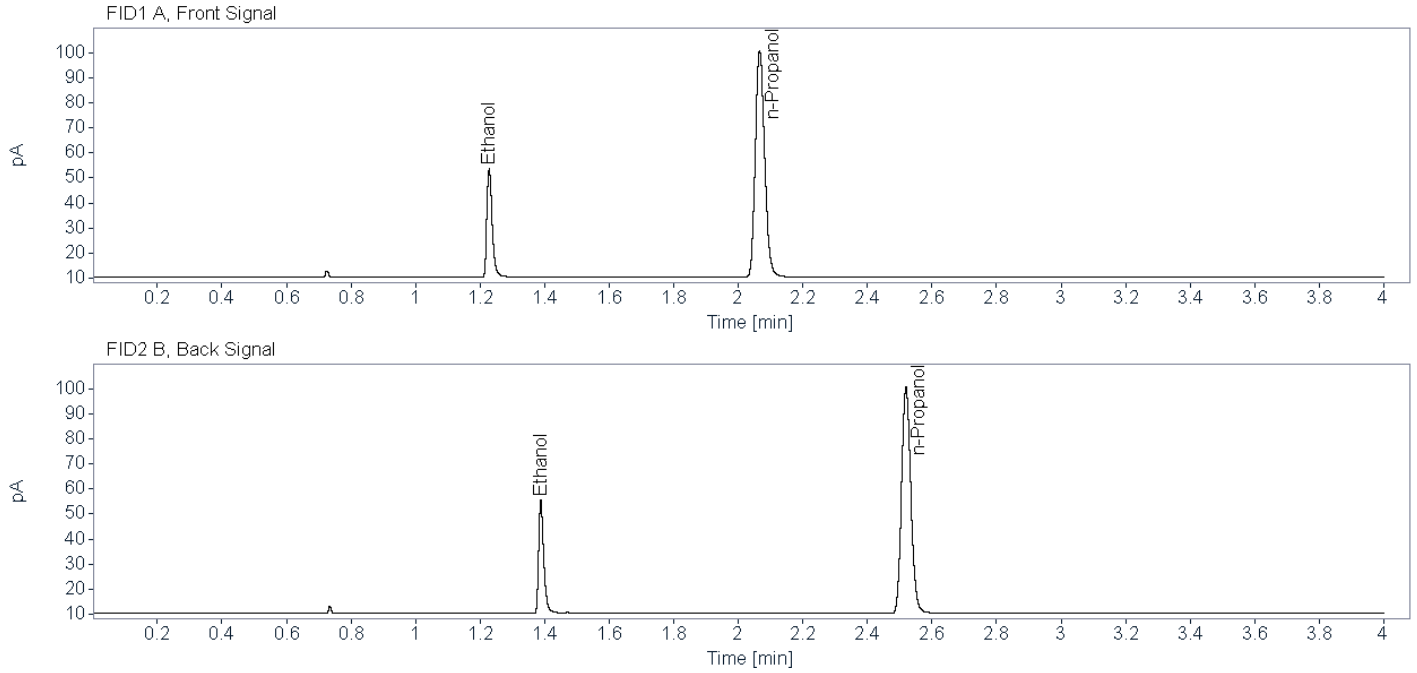
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69113 | 1.229 | 1.229 | 24.4137 | 0.0248 |
| n-Propanol | 0.82933 | 2.066 | 2.066 | 181.8340 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.65195 | 1.390 | 1.390 | 24.2256 | 0.0249 |
| n-Propanol | 0.85093 | 2.520 | 2.520 | 181.0500 | 0.0100 |

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

**Sample Name:** 0.050 g/100mL Cal (25-0237) **Description:** **Sample Barcode** 25-0237 **Vial Number:** 3
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 2:41:04 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\003F0301.D




**Name** FID1A

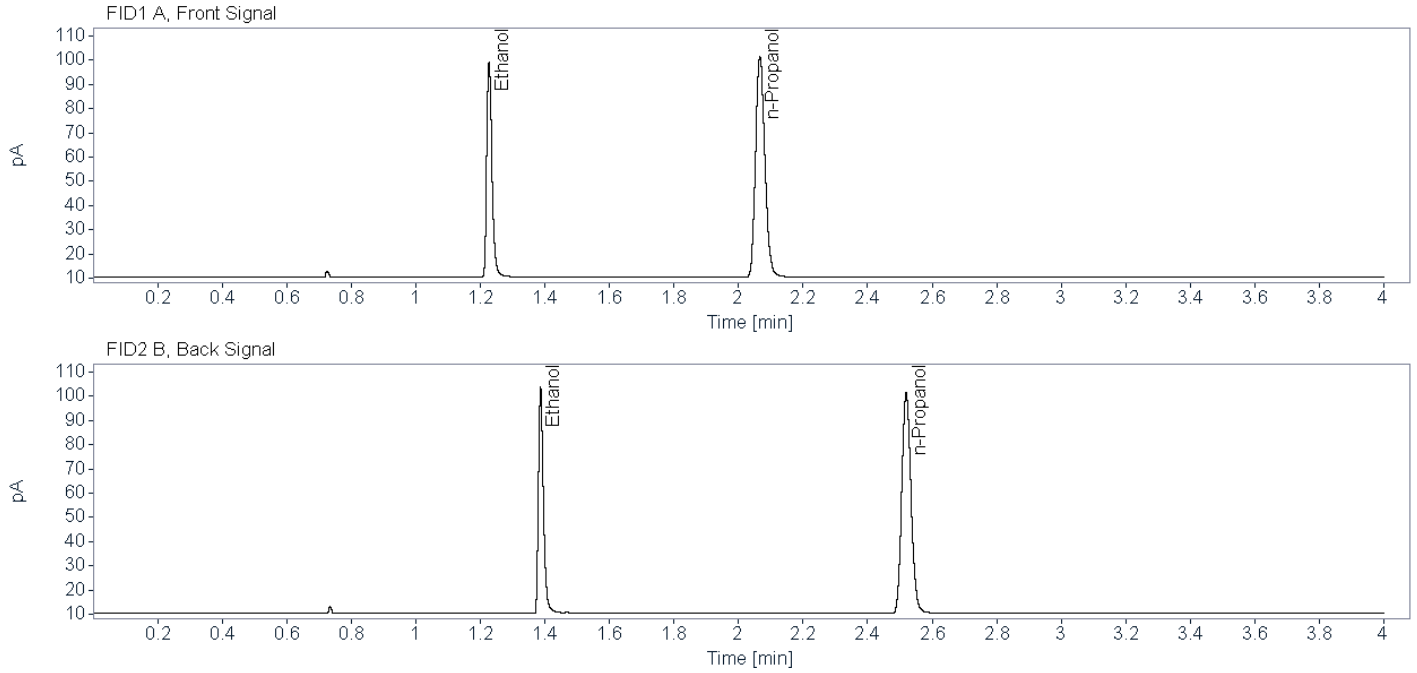
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.70880 | 1.228 | 1.228 | 49.4482 | 0.0495 |
| n-Propanol | 0.82146 | 2.066 | 2.066 | 180.7745 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69708 | 1.388 | 1.388 | 49.0725 | 0.0495 |
| n-Propanol | 0.84627 | 2.520 | 2.520 | 180.1359 | 0.0100 |

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

**Sample Name:** 0.100 g/100mL Cal (25-0238) **Description:** **Sample Barcode** 25-0238 **Vial Number:** 4
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 2:45:46 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\004F0401.D




**Name** FID1A

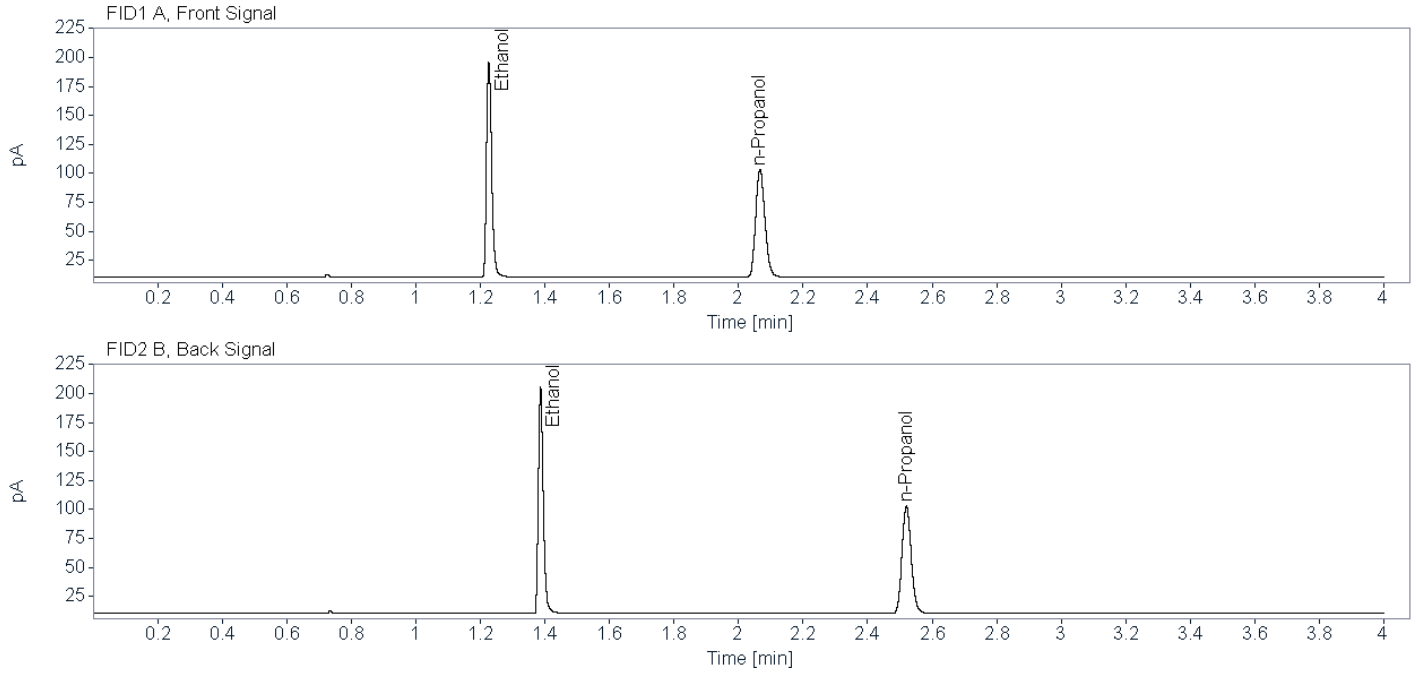
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72304 | 1.227 | 1.227 | 100.5021 | 0.0985 |
| n-Propanol | 0.82431 | 2.066 | 2.066 | 182.8172 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71507 | 1.387 | 1.387 | 99.8303 | 0.0986 |
| n-Propanol | 0.85162 | 2.519 | 2.519 | 182.0926 | 0.0100 |

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

**Sample Name:** 0.200 g/100mL Cal (25-0239) **Description:** **Sample Barcode** 25-0239 **Vial Number:** 5
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 2:51:28 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\005F0501.D




**Name** FID1A

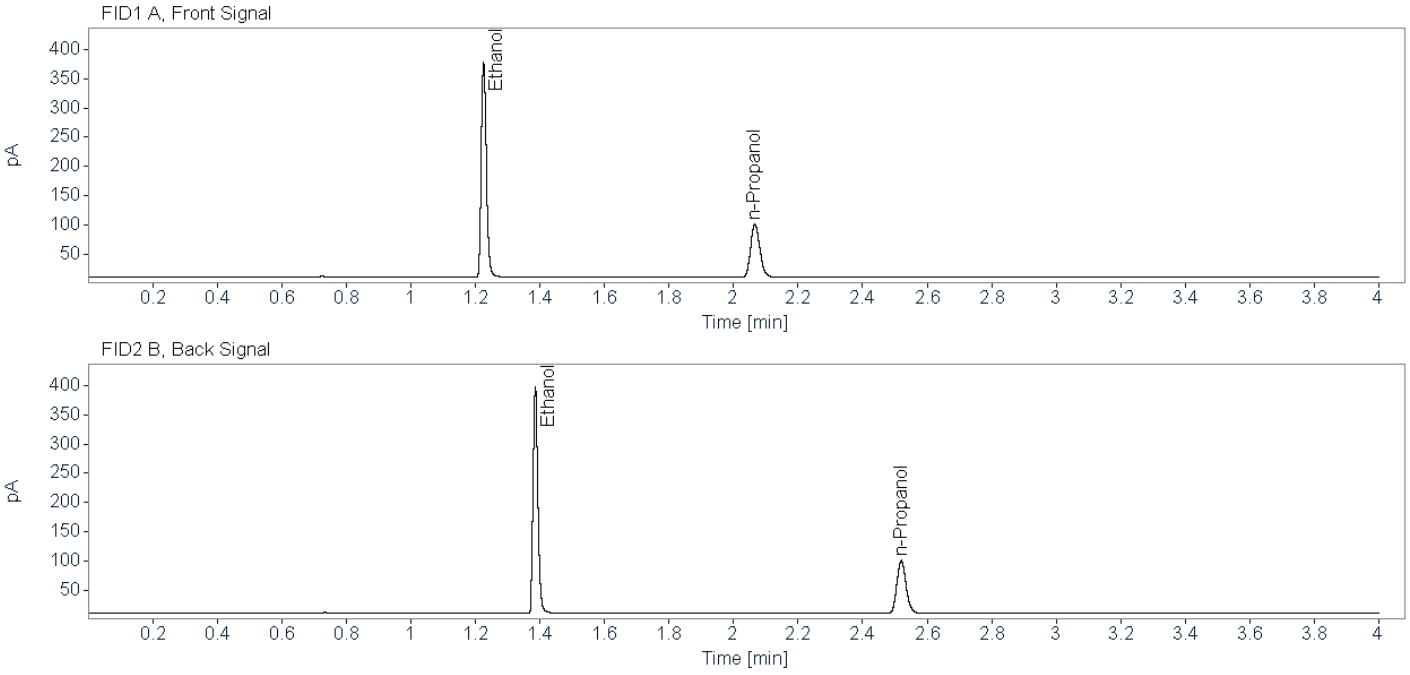
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75895 | 1.226 | 1.226 | 207.0487 | 0.1984 |
| n-Propanol | 0.82902 | 2.067 | 2.067 | 185.9375 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75933 | 1.387 | 1.387 | 205.6095 | 0.1984 |
| n-Propanol | 0.85570 | 2.520 | 2.520 | 185.3438 | 0.0100 |

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

**Sample Name:** 0.400 g/100mL Cal (25-0240) **Description:** **Sample Barcode** 25-0240 **Vial Number:** 6
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 2:56:11 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\006F0601.D




**Name** FID1A

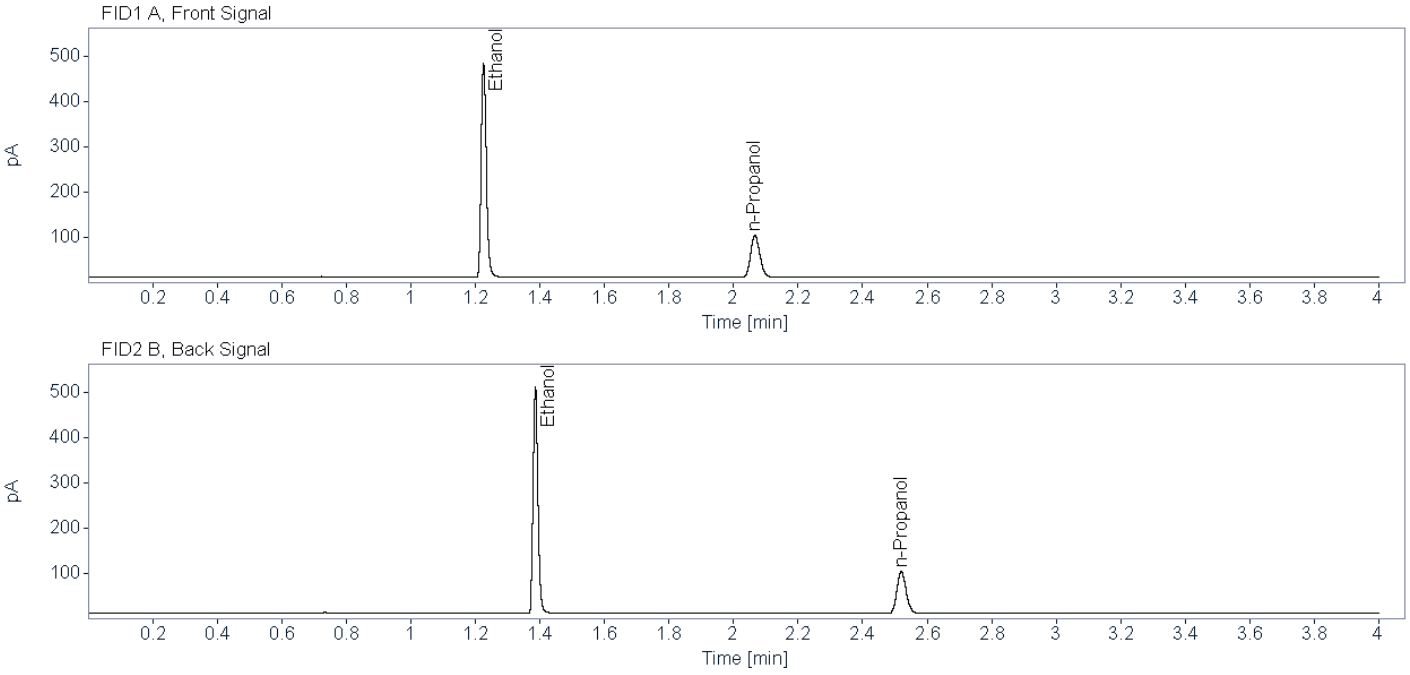
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79552 | 1.226 | 1.226 | 408.5711 | 0.4000 |
| n-Propanol | 0.82777 | 2.066 | 2.066 | 181.5536 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79614 | 1.386 | 1.386 | 405.2105 | 0.3998 |
| n-Propanol | 0.84914 | 2.520 | 2.520 | 180.7797 | 0.0100 |

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

**Sample Name:** 0.500 g/100mL Cal (25-0241) **Description:** **Sample Barcode** 25-0241 **Vial Number:** 7
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 3:01:51 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\007F0701.D




**Name** FID1A

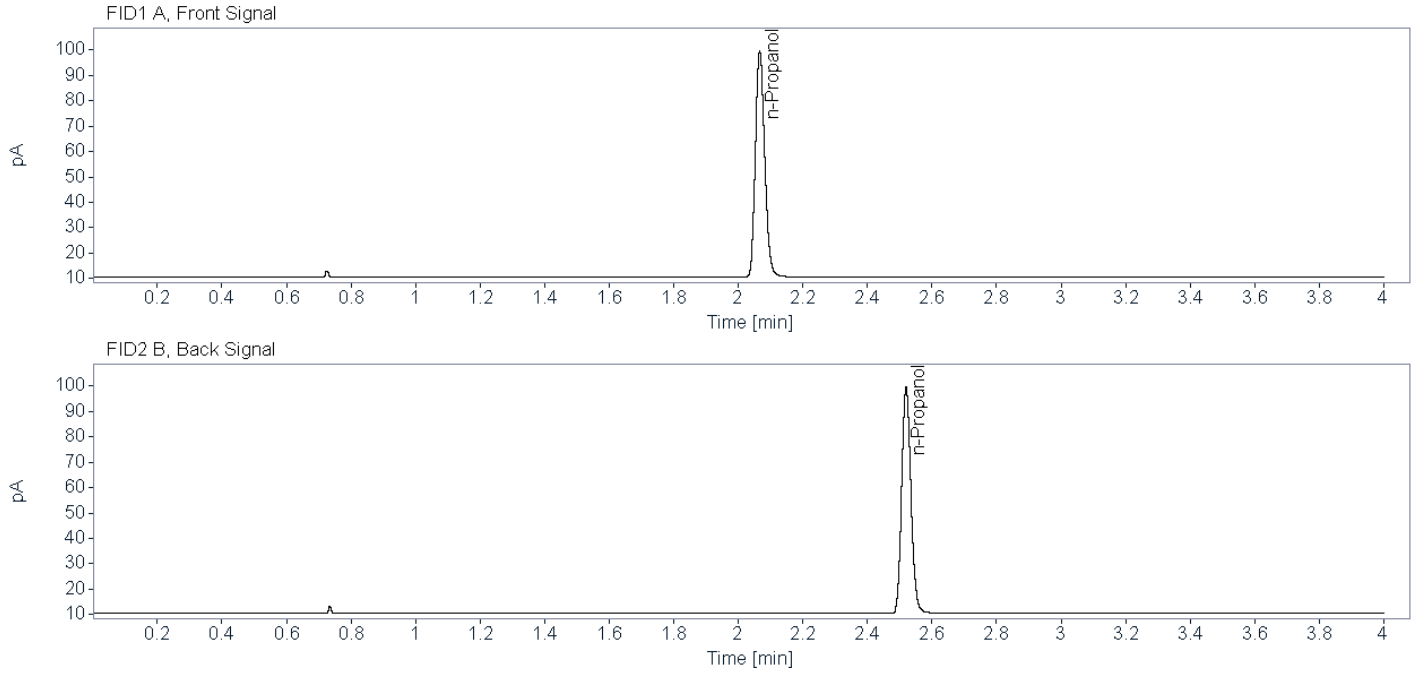
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80932 | 1.225 | 1.225 | 526.8516 | 0.5035 |
| n-Propanol | 0.82560 | 2.066 | 2.066 | 185.8966 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82576 | 1.386 | 1.386 | 523.1083 | 0.5036 |
| n-Propanol | 0.85581 | 2.520 | 2.520 | 185.1615 | 0.0100 |

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

**Sample Name:** Negative (25-0242) **Description:** **Sample Barcode** 25-0242 **Vial Number:** 8
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 3:06:34 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\008F0801.D




**Name** FID1A

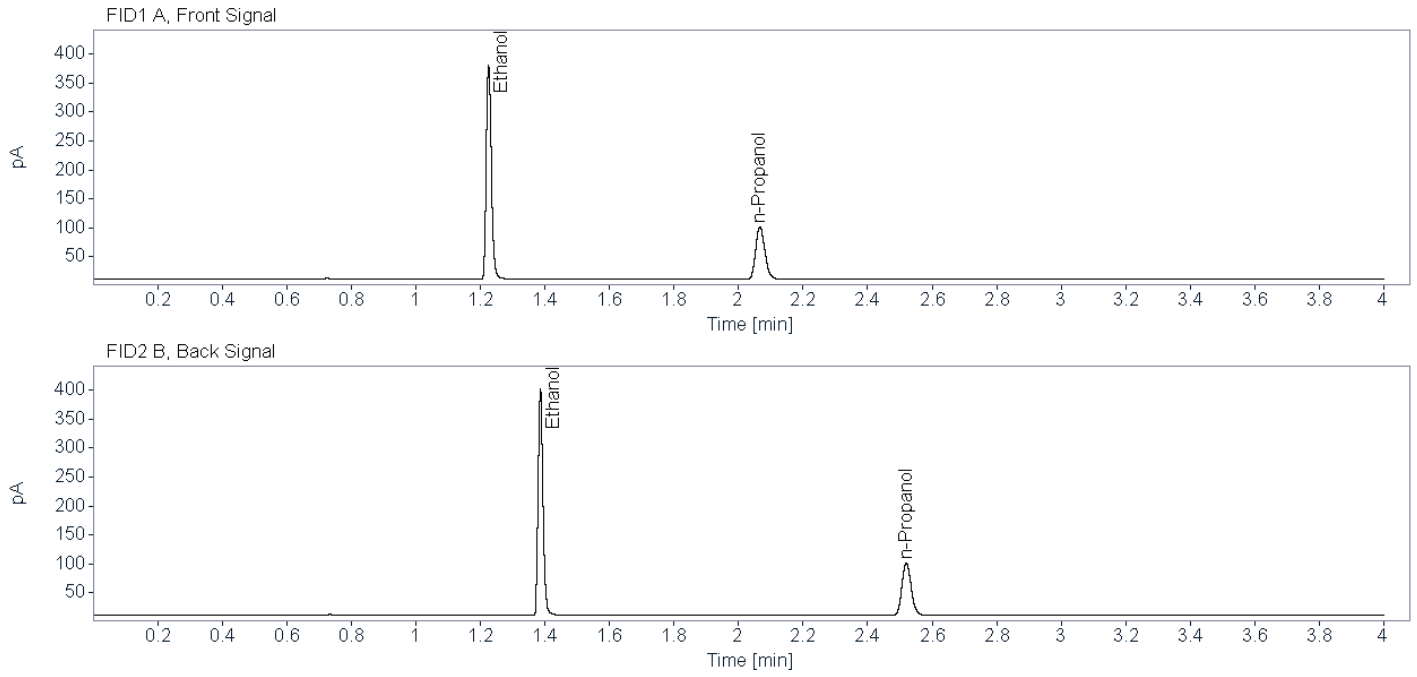
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.81969 | 2.067 | 2.066 | 178.9715 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.84827 | 2.520 | 2.520 | 178.2587 | 0.0100 |

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

**Sample Name:** High QC (25-0243) **Description:** **Sample Barcode** 25-0243 **Vial Number:** 9
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 3:12:16 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\009F0901.D




**Name** FID1A

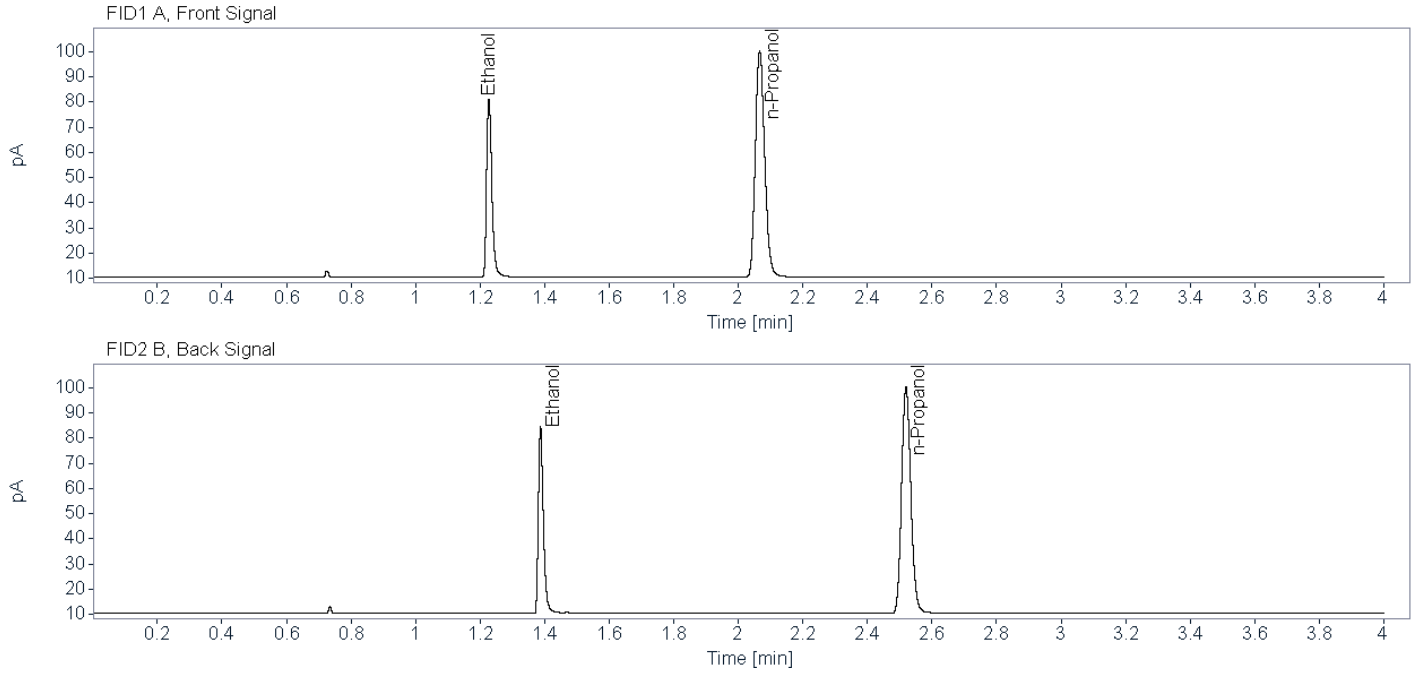
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79600 | 1.226 | 1.225 | 413.1367 | 0.4009 |
| n-Propanol | 0.82844 | 2.067 | 2.066 | 183.1440 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80105 | 1.386 | 1.386 | 409.8823 | 0.4003 |
| n-Propanol | 0.85370 | 2.520 | 2.520 | 182.6055 | 0.0100 |

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

**Sample Name:** Low QC (25-0244) **Description:** **Sample Barcode** 25-0244 **Vial Number:** 10
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 3:16:59 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\010F1001.D




**Name** FID1A

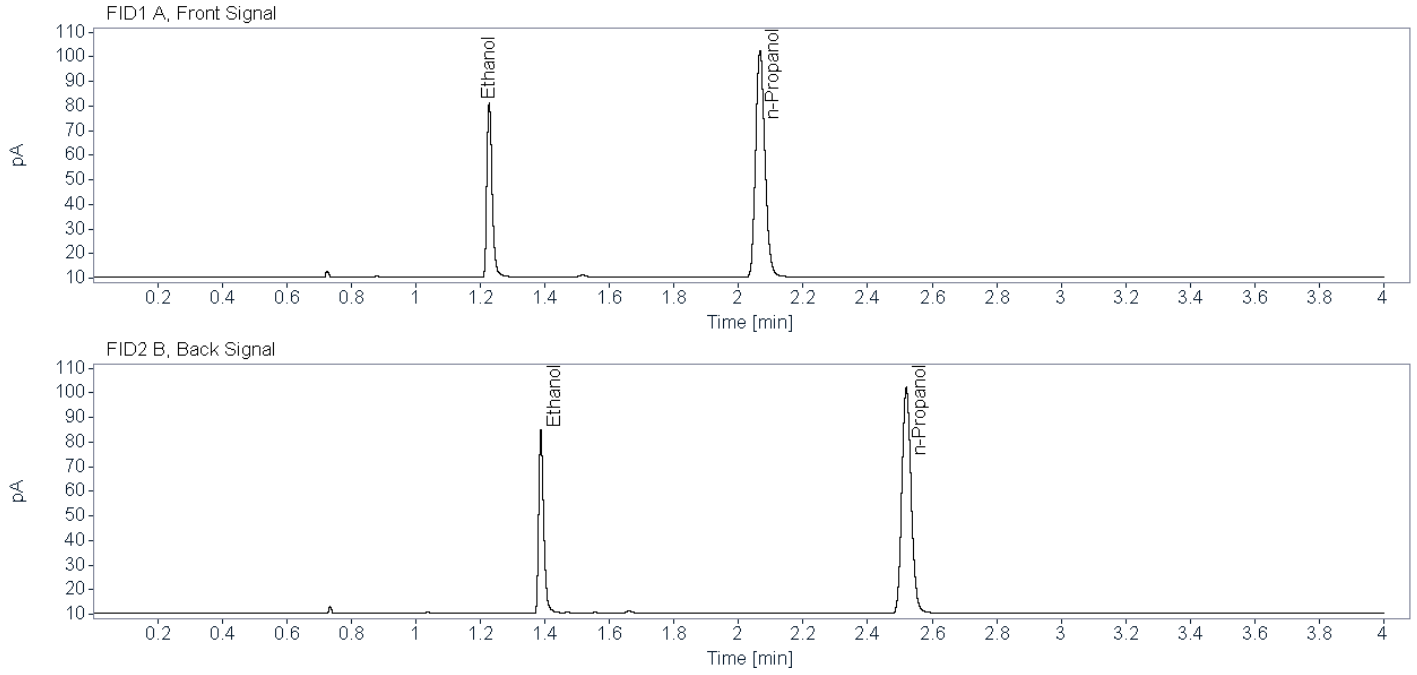
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72210 | 1.227 | 1.225 | 80.1632 | 0.0798 |
| n-Propanol | 0.81911 | 2.066 | 2.066 | 180.4821 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69864 | 1.387 | 1.386 | 79.6609 | 0.0799 |
| n-Propanol | 0.84635 | 2.520 | 2.520 | 179.7593 | 0.0100 |

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

**Sample Name:** Blood QC A (25-0245) **Description:** **Sample Barcode** 25-0245 **Vial Number:** 11
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 3:22:40 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\011F1101.D




**Name** FID1A

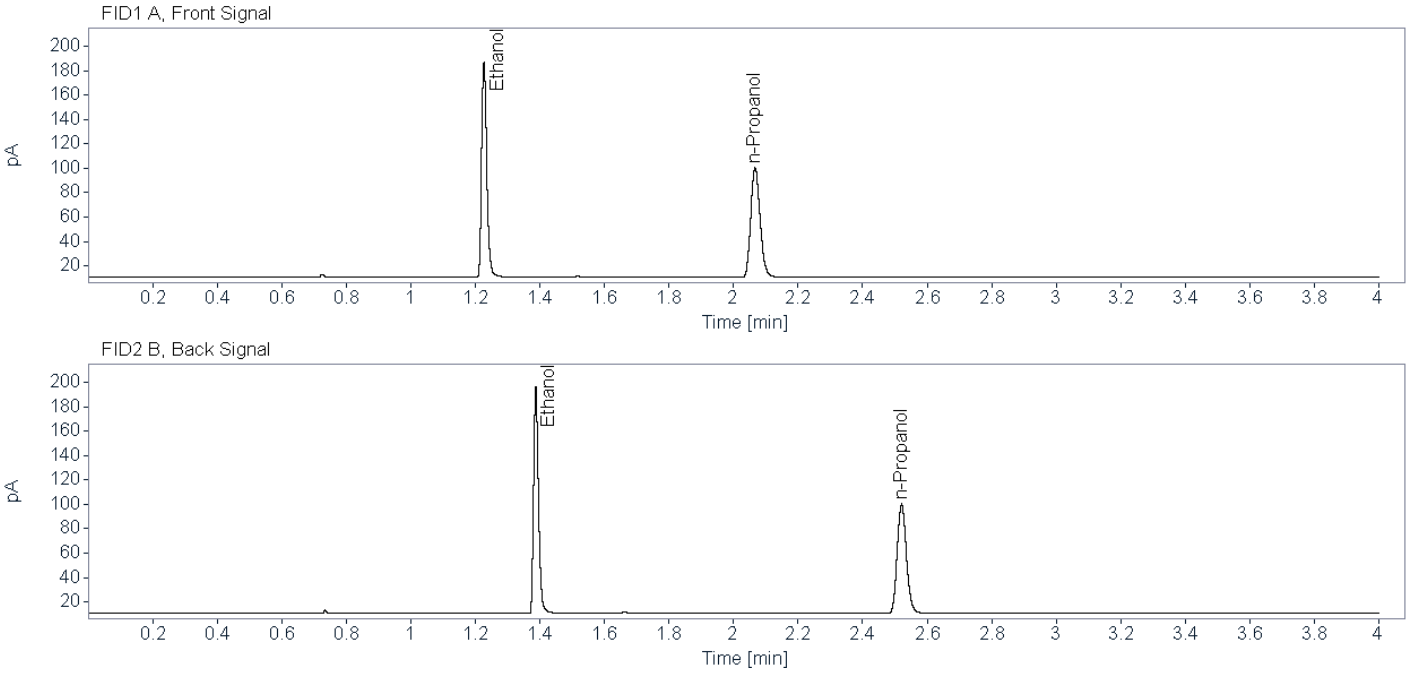
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72082 | 1.227 | 1.225 | 80.4015 | 0.0783 |
| n-Propanol | 0.82540 | 2.066 | 2.066 | 184.3824 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.70145 | 1.388 | 1.386 | 79.6733 | 0.0782 |
| n-Propanol | 0.85151 | 2.520 | 2.520 | 183.8261 | 0.0100 |

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

**Sample Name:** Blood QC B (25-0256) **Description:** **Sample Barcode** 25-0256 **Vial Number:** 22
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 4:19:23 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\022F2201.D




**Name** FID1A

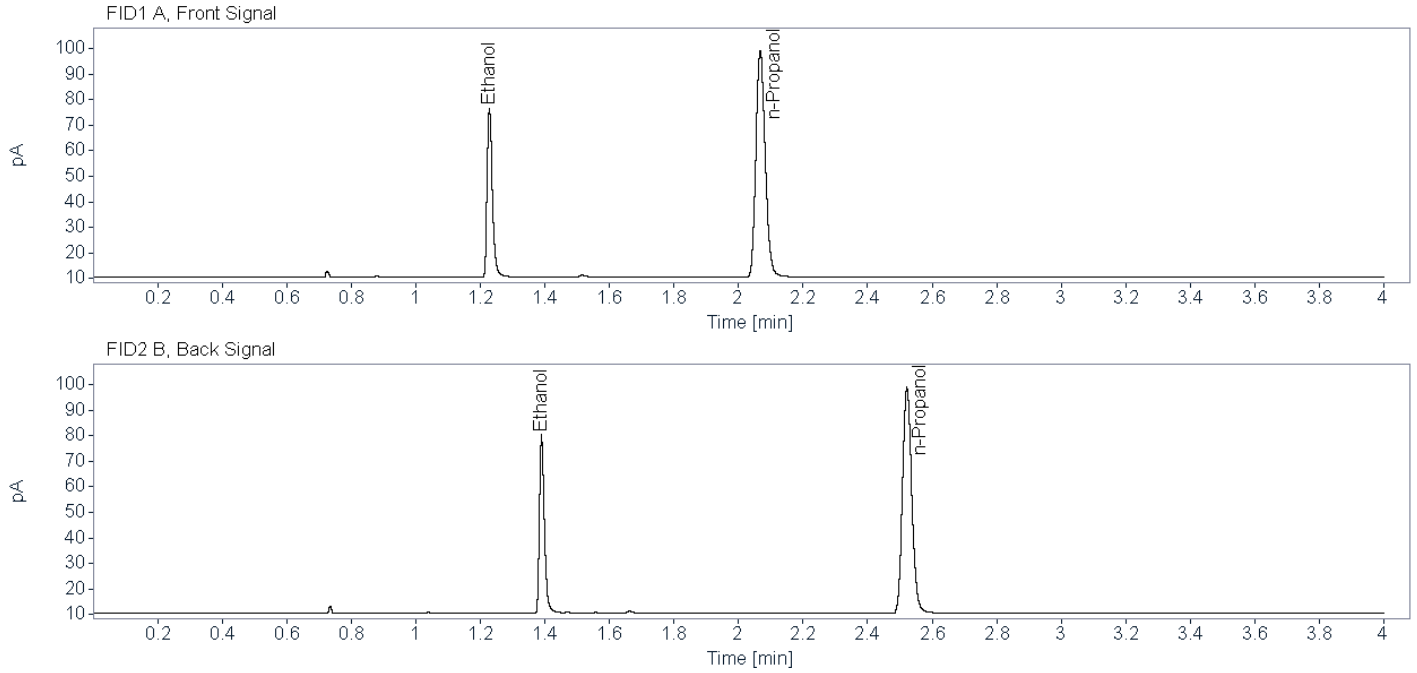
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76098 | 1.227 | 1.225 | 196.8182 | 0.1948 |
| n-Propanol | 0.82566 | 2.067 | 2.066 | 180.0429 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74888 | 1.387 | 1.386 | 195.2200 | 0.1945 |
| n-Propanol | 0.85520 | 2.521 | 2.520 | 179.4939 | 0.0100 |

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

**Sample Name:** Blood QC A (25-0267) **Description:** **Sample Barcode** 25-0267 **Vial Number:** 33
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 5:17:03 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\033F3301.D




**Name** FID1A

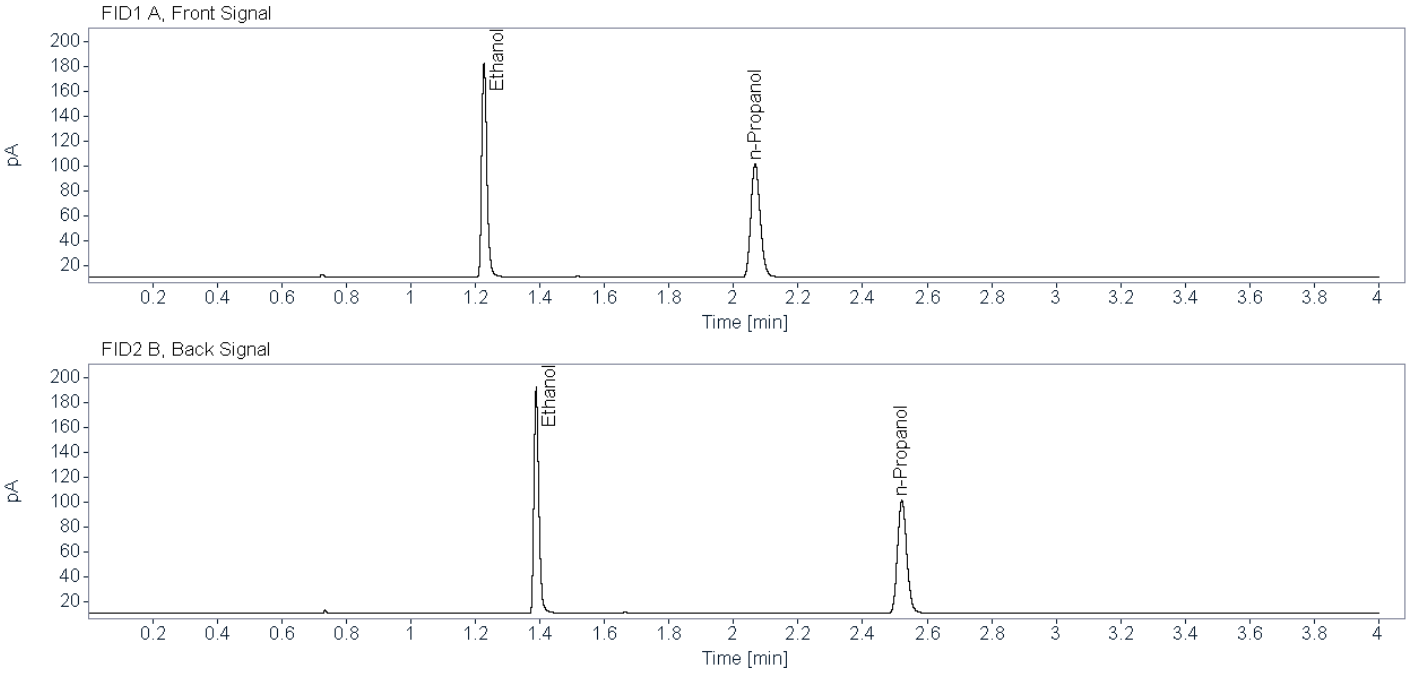
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72501 | 1.228 | 1.225 | 74.9498 | 0.0759 |
| n-Propanol | 0.82637 | 2.067 | 2.066 | 177.3807 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69392 | 1.390 | 1.386 | 74.4306 | 0.0760 |
| n-Propanol | 0.83824 | 2.522 | 2.520 | 176.8317 | 0.0100 |

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

**Sample Name:** Blood QC B (25-0278) **Description:** **Sample Barcode** 25-0278 **Vial Number:** 44
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 6:13:46 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\044F4401.D




**Name** FID1A

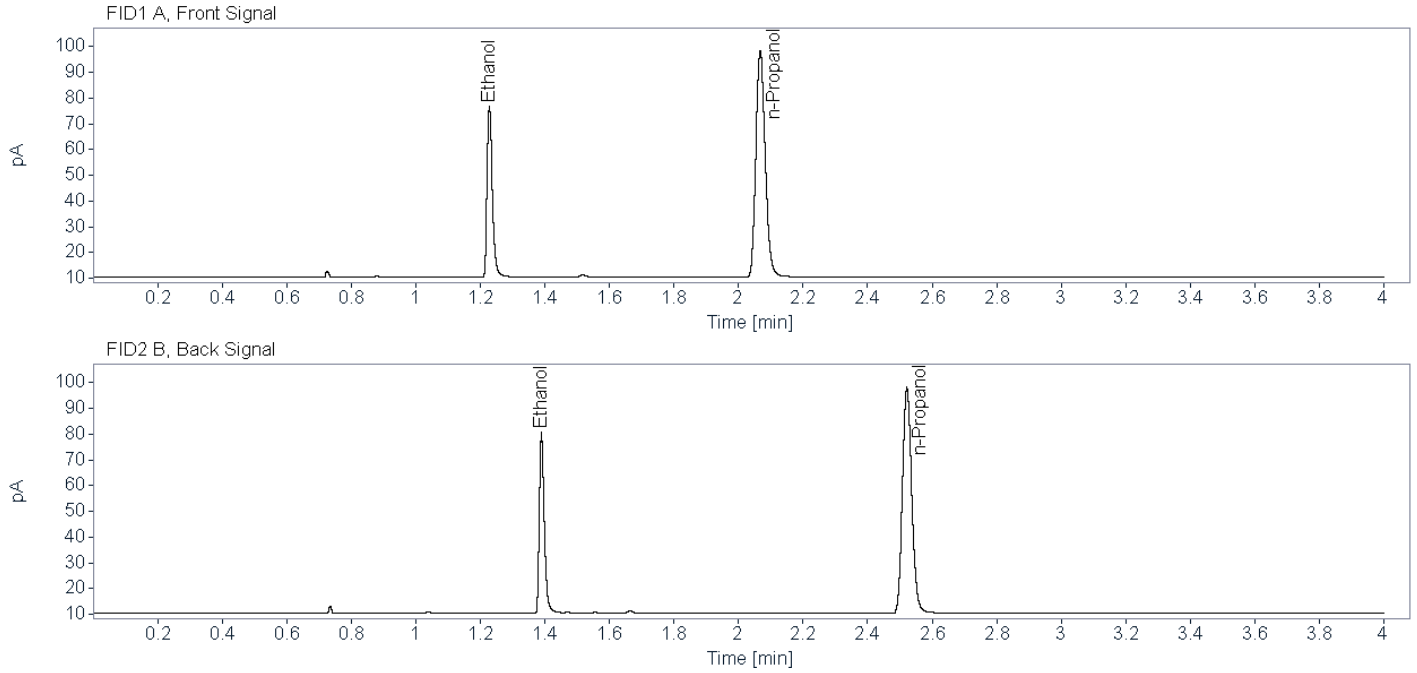
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74999 | 1.227 | 1.225 | 192.4315 | 0.1873 |
| n-Propanol | 0.82344 | 2.067 | 2.066 | 183.1064 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75112 | 1.388 | 1.386 | 191.8537 | 0.1881 |
| n-Propanol | 0.84185 | 2.522 | 2.520 | 182.4946 | 0.0100 |

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

**Sample Name:** Blood QC A (25-0289) **Description:** **Sample Barcode** 25-0289 **Vial Number:** 55
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 7:11:27 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\055F5501.D




**Name** FID1A

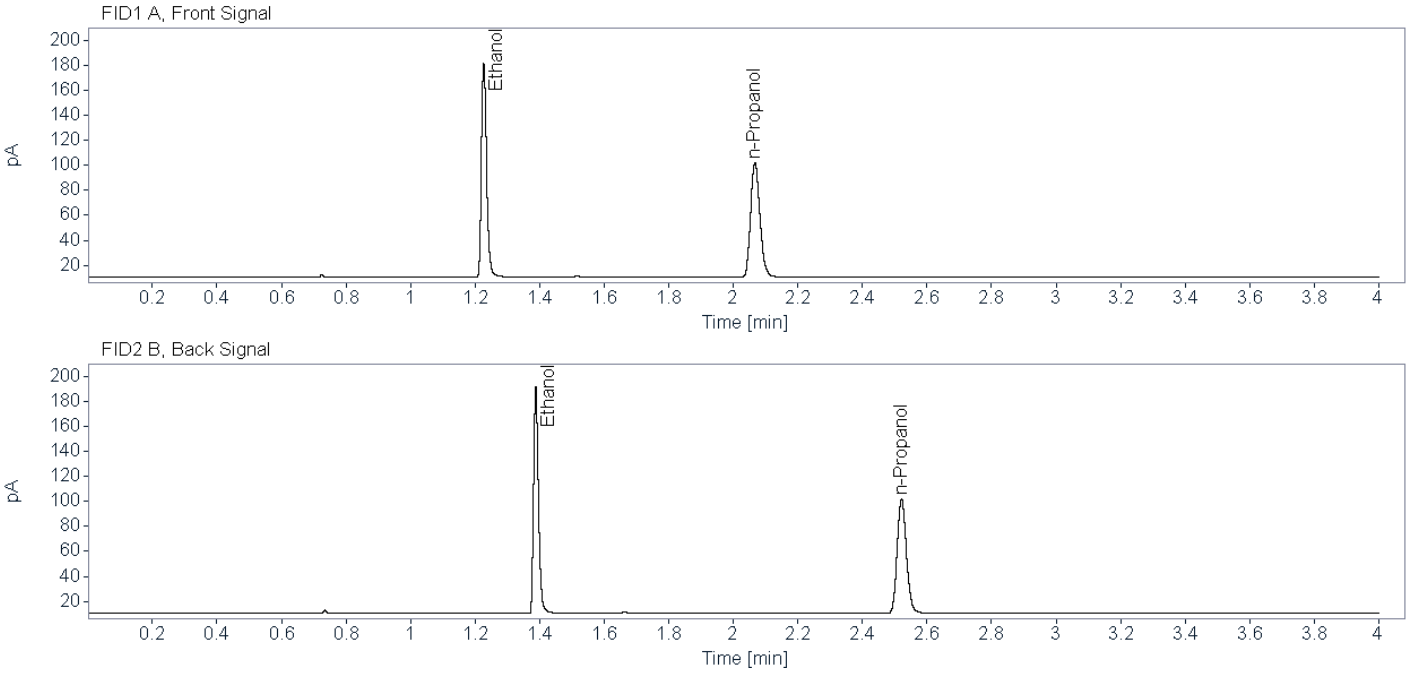
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72249 | 1.228 | 1.225 | 75.4679 | 0.0769 |
| n-Propanol | 0.82329 | 2.067 | 2.066 | 176.3840 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69169 | 1.389 | 1.386 | 74.8841 | 0.0769 |
| n-Propanol | 0.84408 | 2.521 | 2.520 | 175.7395 | 0.0100 |

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

**Sample Name:** Blood QC B (25-0300) **Description:** **Sample Barcode** 25-0300 **Vial Number:** 66
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 8:08:11 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\066F6601.D




**Name** FID1A

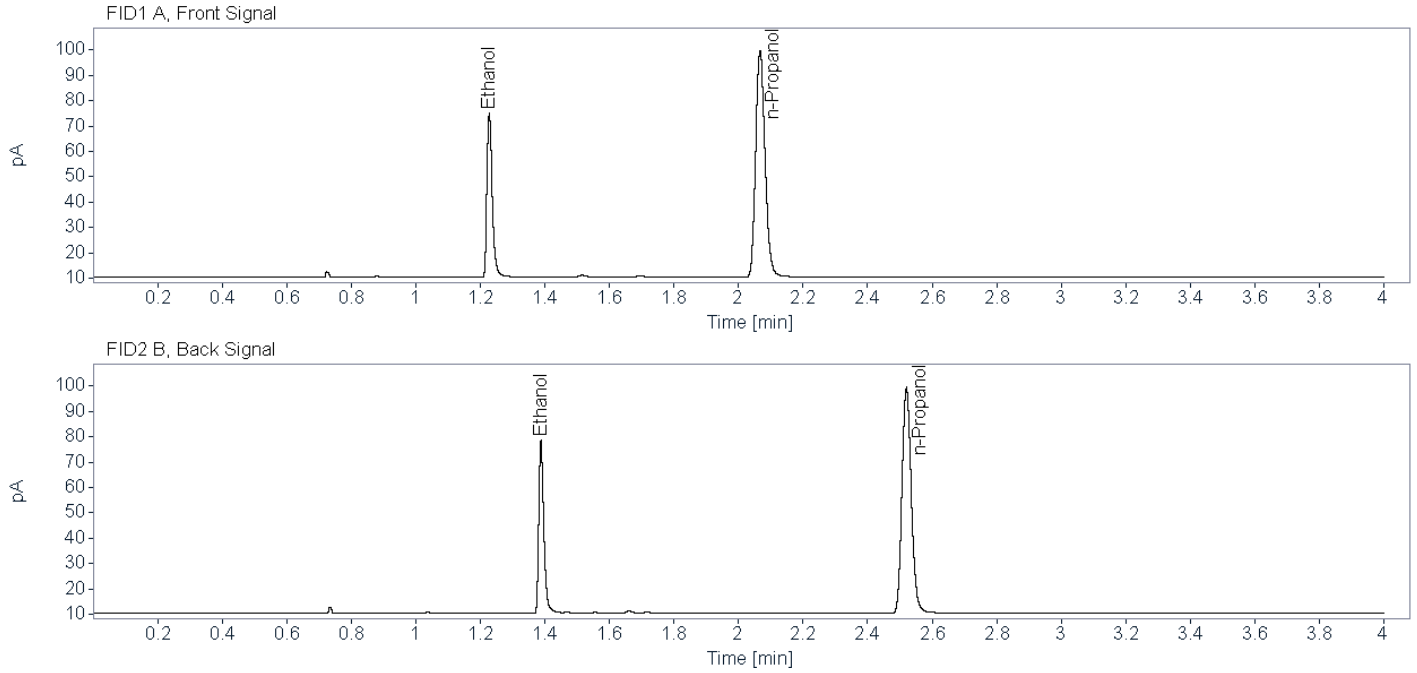
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74791 | 1.227 | 1.225 | 191.1224 | 0.1855 |
| n-Propanol | 0.81823 | 2.067 | 2.066 | 183.6543 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76440 | 1.388 | 1.386 | 190.2711 | 0.1861 |
| n-Propanol | 0.85231 | 2.521 | 2.520 | 182.9061 | 0.0100 |

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

**Sample Name:** Blood QC A (25-0311) **Description:** **Sample Barcode** 25-0311 **Vial Number:** 77
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 9:05:52 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\077F7701.D




**Name** FID1A

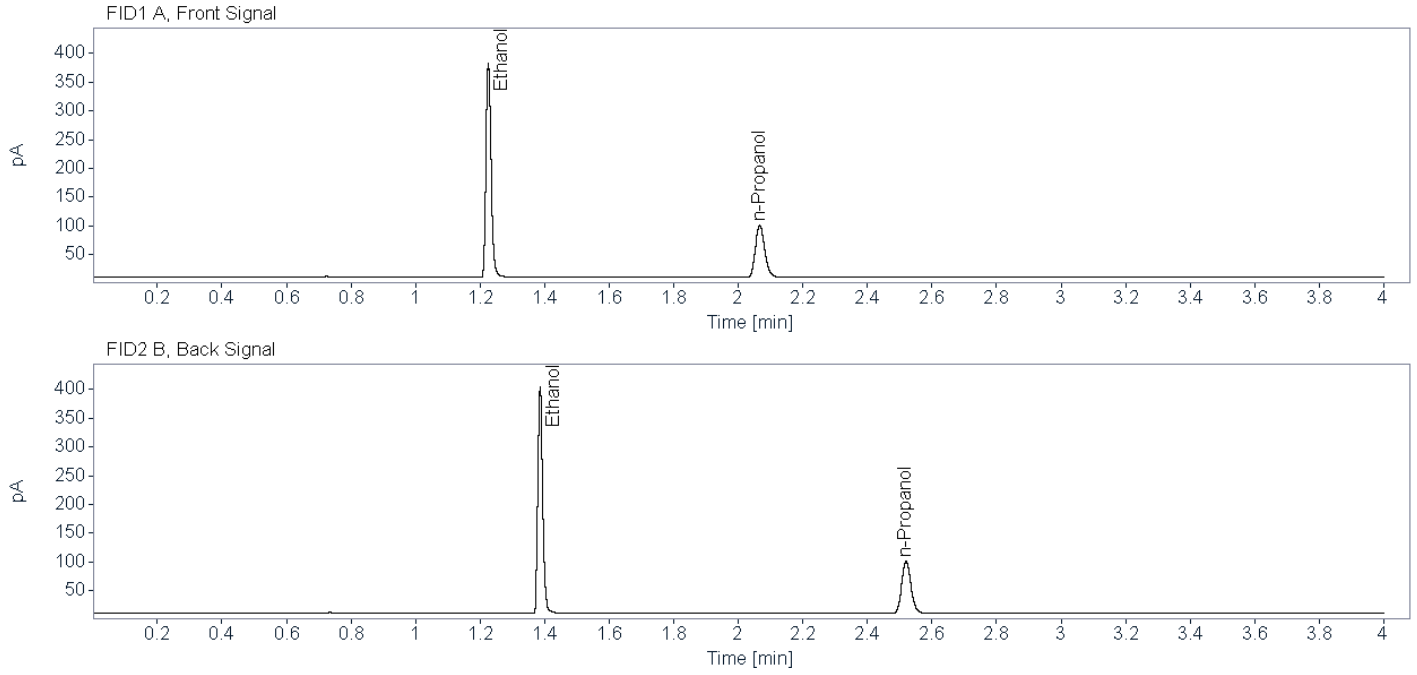
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71275 | 1.228 | 1.225 | 73.7478 | 0.0739 |
| n-Propanol | 0.81955 | 2.067 | 2.066 | 179.3222 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69541 | 1.388 | 1.386 | 73.4147 | 0.0743 |
| n-Propanol | 0.84711 | 2.520 | 2.520 | 178.3385 | 0.0100 |

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

**Sample Name:** High QC (25-0312) **Description:** **Sample Barcode** 25-0312 **Vial Number:** 78
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 9:10:35 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\078F7801.D




**Name** FID1A

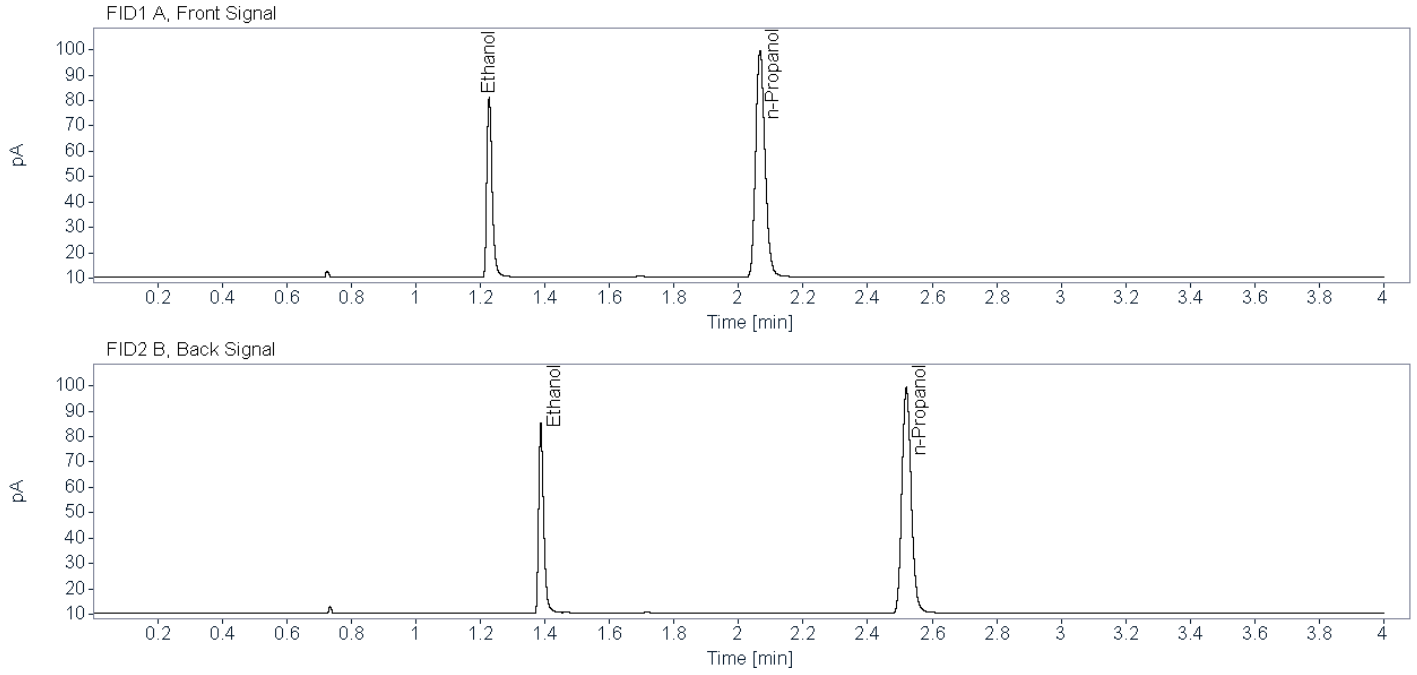
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78698 | 1.226 | 1.225 | 415.3447 | 0.4036 |
| n-Propanol | 0.81277 | 2.067 | 2.066 | 182.9068 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80432 | 1.386 | 1.386 | 413.4857 | 0.4052 |
| n-Propanol | 0.83694 | 2.520 | 2.520 | 181.9942 | 0.0100 |

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

**Sample Name:** Low QC (25-0313) **Description:** **Sample Barcode** 25-0313 **Vial Number:** 79
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 9:16:16 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\079F7901.D




**Name** FID1A

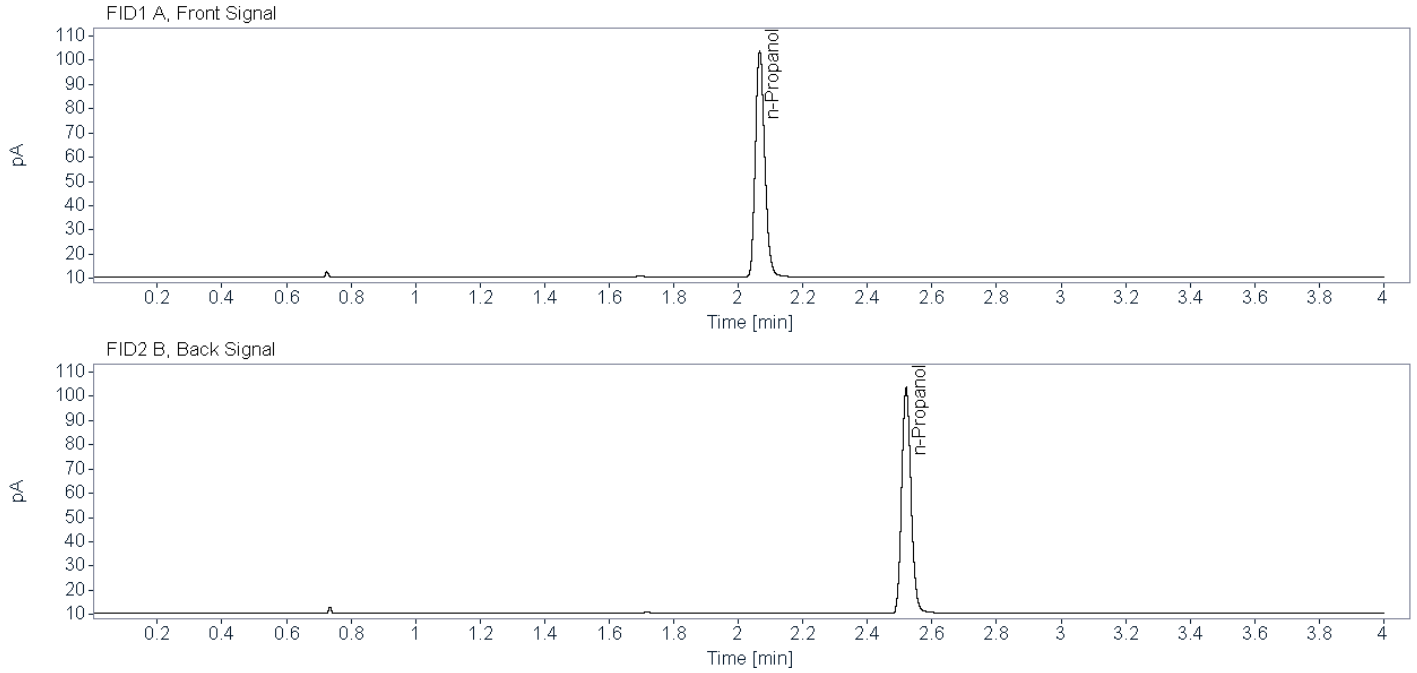
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71417 | 1.227 | 1.225 | 80.6472 | 0.0808 |
| n-Propanol | 0.81787 | 2.067 | 2.066 | 179.2363 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69635 | 1.388 | 1.386 | 80.0267 | 0.0810 |
| n-Propanol | 0.84236 | 2.520 | 2.520 | 178.1725 | 0.0100 |

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

**Sample Name:** DI Water (25-0314) **Description:** **Sample Barcode** 25-0314 **Vial Number:** 80
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 9:20:59 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\080F8001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.81278 | 2.067 | 2.066 | 188.1482 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.83997 | 2.520 | 2.520 | 187.1076 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2375 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2403 | Aliquot 1: | 0.2400 |
| | Aliquot 2: | 0.2342 | Aliquot 2: | 0.2345 |

-KB 2/25/2025

**Reported Result:** **0.237** **g/100 mL**

**Reported UM:** **0.038** **g/100 mL**

**Comments:**

Blood QC A failed to meet acceptance criteria, outside 5% of target -KB 2/25/2025

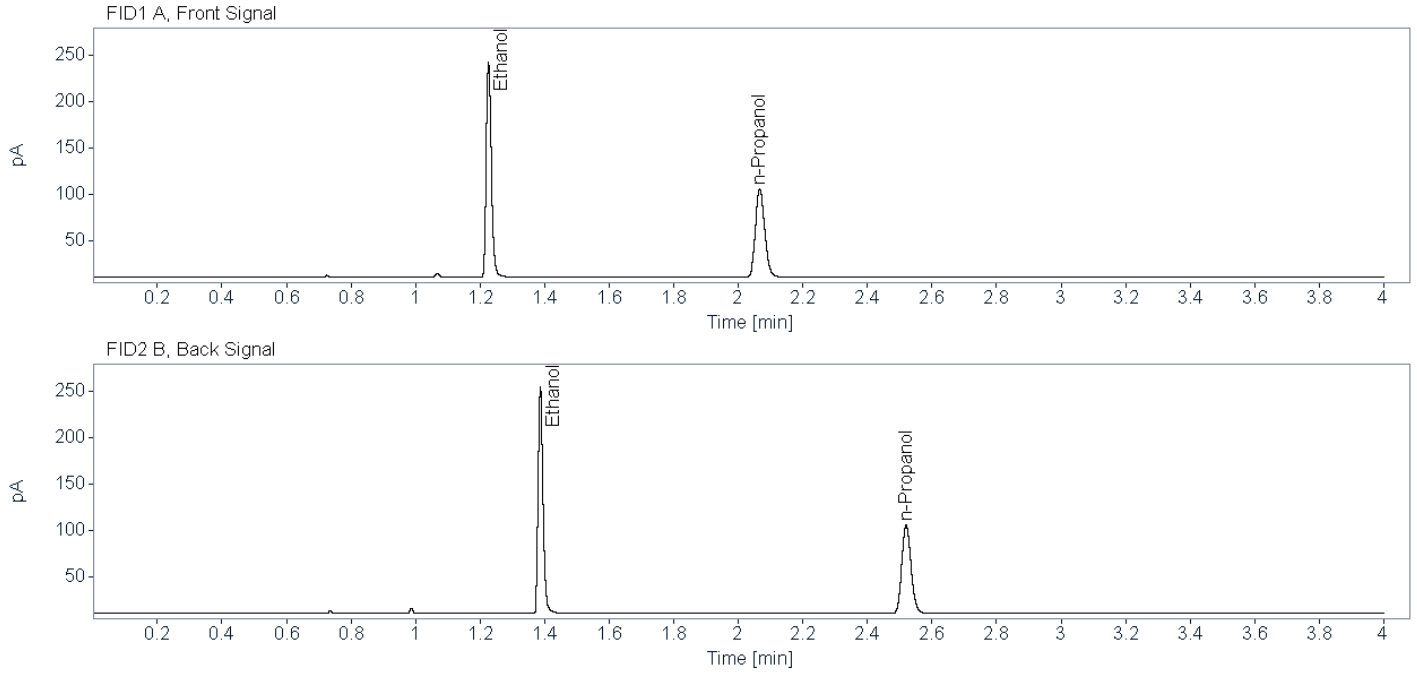
Due to multiple QC failures when analyzing this sample it was sent to an outside agency for testing -KB 2/25/2025

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

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

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

**Sample Name:** BCCL-24-2375 001_001 (25-246) **Description:** Alq 1 **Sample Barcode** 25-0246 **Vial Number:** 12
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 3:27:23 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\012F1201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77339 | 1.226 | 1.225 | 258.1650 | 0.2403 |
| n-Propanol | 0.82279 | 2.067 | 2.066 | 191.2722 | 0.0100 |

**Name** FID2B

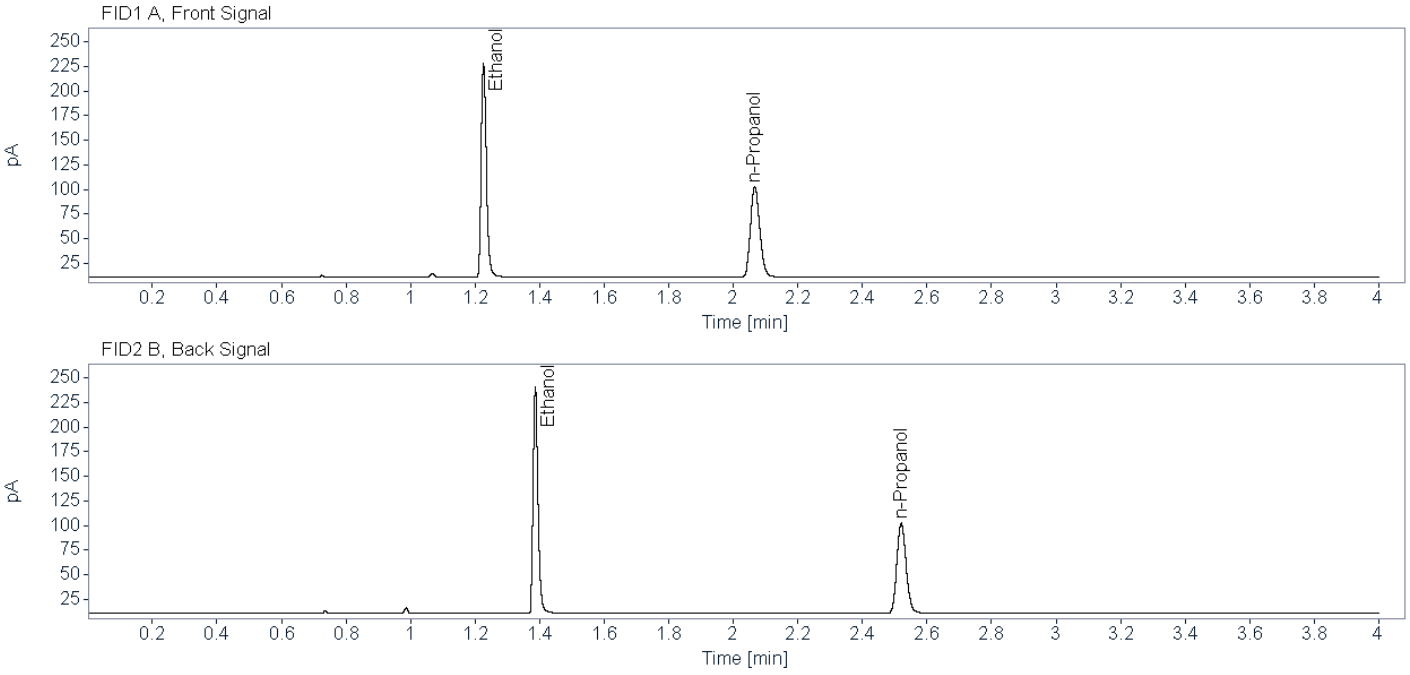
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76045 | 1.387 | 1.386 | 256.0556 | 0.2400 |
| n-Propanol | 0.85227 | 2.520 | 2.520 | 190.6026 | 0.0100 |

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

**Sample Name:** BCCL-24-2375 001_001 (25-0310) **Description:** Alq 2 **Sample Barcode** 25-0310 **Vial Number:** 76

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 9:00:11 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\076F7601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76326 | 1.226 | 1.225 | 244.3830 | 0.2342 |
| n-Propanol | 0.81236 | 2.067 | 2.066 | 185.8312 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75336 | 1.387 | 1.386 | 242.4926 | 0.2345 |
| n-Propanol | 0.84450 | 2.520 | 2.520 | 184.7940 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2376 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0898 | Aliquot 1: | 0.0894 |
| | Aliquot 2: | 0.0863 | Aliquot 2: | 0.0863 |

-KB 2/25/2025

**Reported Result:** ~~0.087~~ **0.086 g/100 mL**

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

**Comments:**

Blood QC A failed to meet acceptance criteria, outside 5% of target -KB 2/25/2025

Due to multiple QC failures when analyzing this sample it was sent to an outside agency for testing -KB 2/25/2025

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

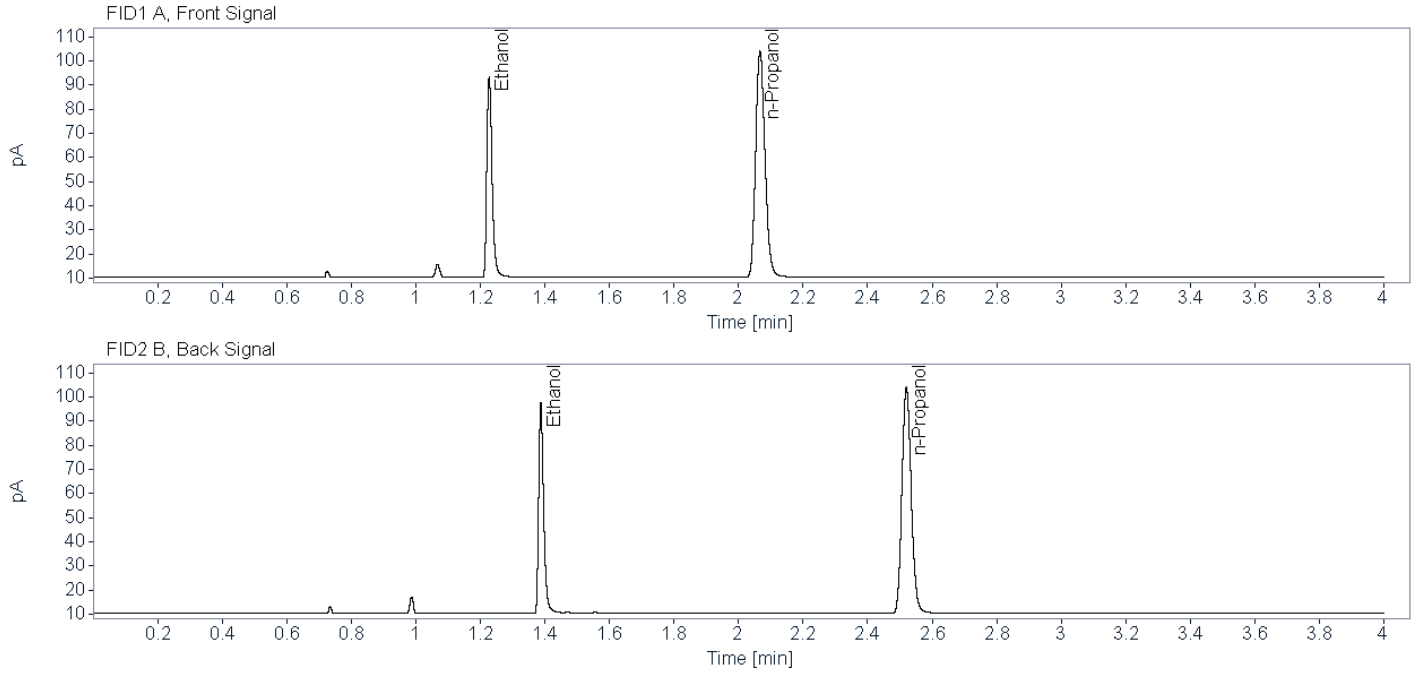
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-24-2376 001_001 (25-0247) **Description:** Alq 1 **Sample Barcode** 25-0247 **Vial Number:** 13

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 3:33:05 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\013F1301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72412 | 1.227 | 1.225 | 93.9760 | 0.0898 |
| n-Propanol | 0.82556 | 2.067 | 2.066 | 187.7319 | 0.0100 |

**Name** FID2B

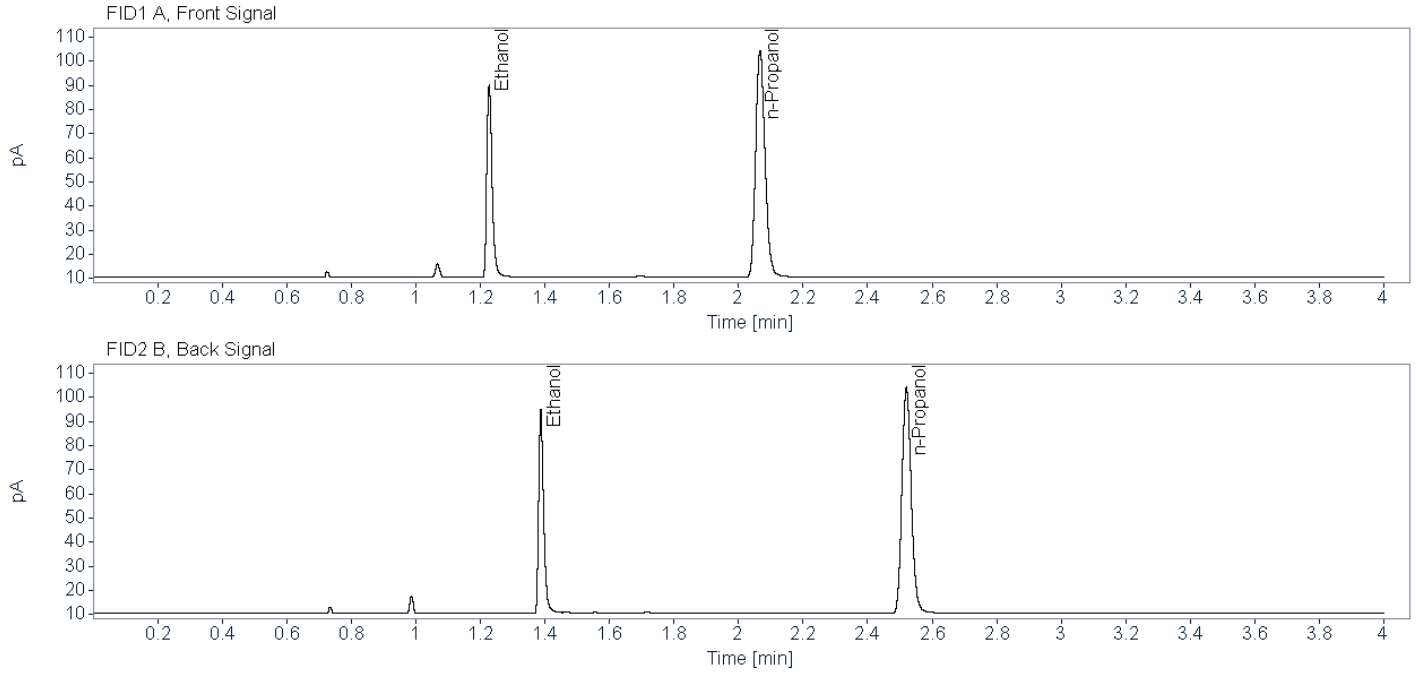
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.70640 | 1.388 | 1.386 | 92.9247 | 0.0894 |
| n-Propanol | 0.85384 | 2.520 | 2.520 | 187.1892 | 0.0100 |

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

**Sample Name:** BCCL-24-2376 001_001 (25-0309) **Description:** Alq 2 **Sample Barcode** 25-0309 **Vial Number:** 75

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 8:55:27 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\075F7501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71553 | 1.227 | 1.225 | 90.7866 | 0.0863 |
| n-Propanol | 0.81936 | 2.067 | 2.066 | 188.6962 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.70067 | 1.388 | 1.386 | 89.9487 | 0.0863 |
| n-Propanol | 0.85001 | 2.520 | 2.520 | 187.7104 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2383 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2211 | Aliquot 1: | 0.2207 |
| | Aliquot 2: | 0.2137 | Aliquot 2: | 0.2138 |

-KB 2/25/2025

**Reported Result:** 0.217 **g/100 mL**

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

**Comments:**

Blood QC A failed to meet acceptance criteria, outside 5% of target -KB 2/25/2025

Due to multiple QC failures when analyzing this sample it was sent to an outside agency for testing -KB 2/25/2025

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

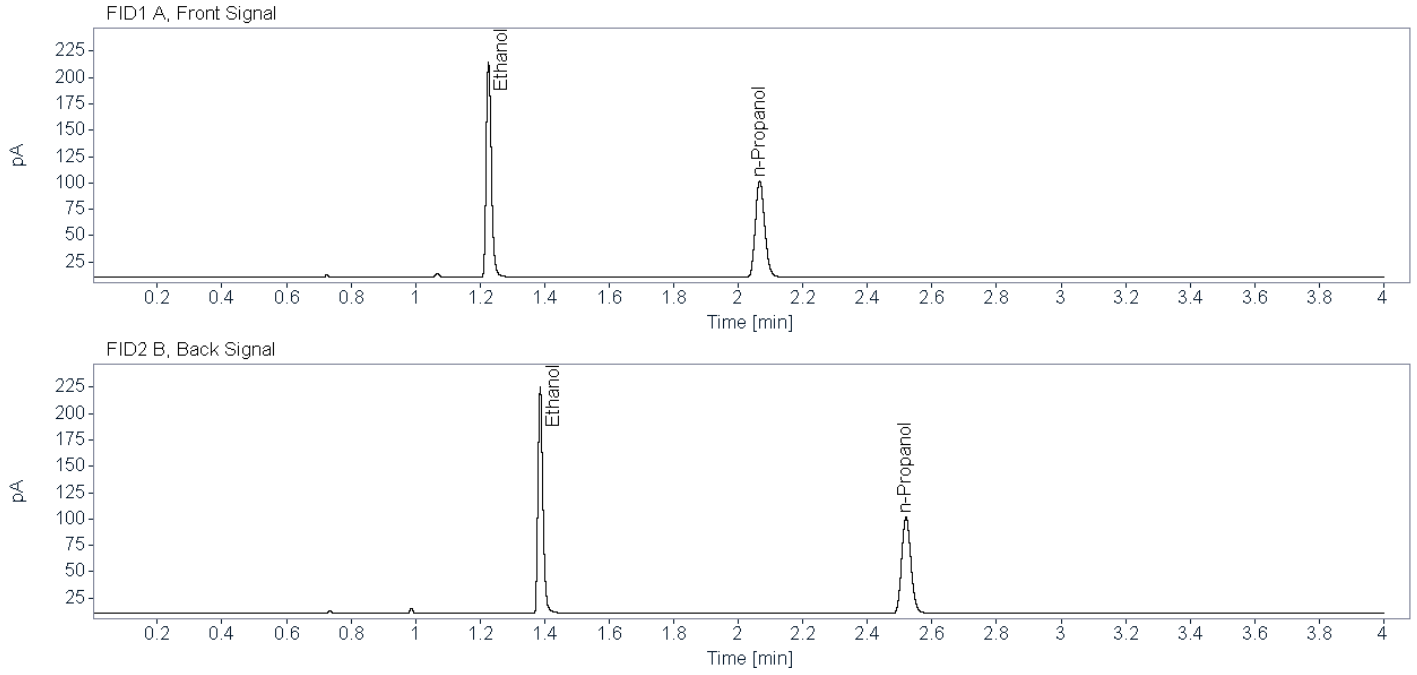
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-24-2383 001_001 (25-0248) **Description:** Alq 1 **Sample Barcode** 25-0248 **Vial Number:** 14

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 3:37:47 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\014F1401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76562 | 1.226 | 1.225 | 228.2941 | 0.2211 |
| n-Propanol | 0.82172 | 2.067 | 2.066 | 183.8875 | 0.0100 |

**Name** FID2B

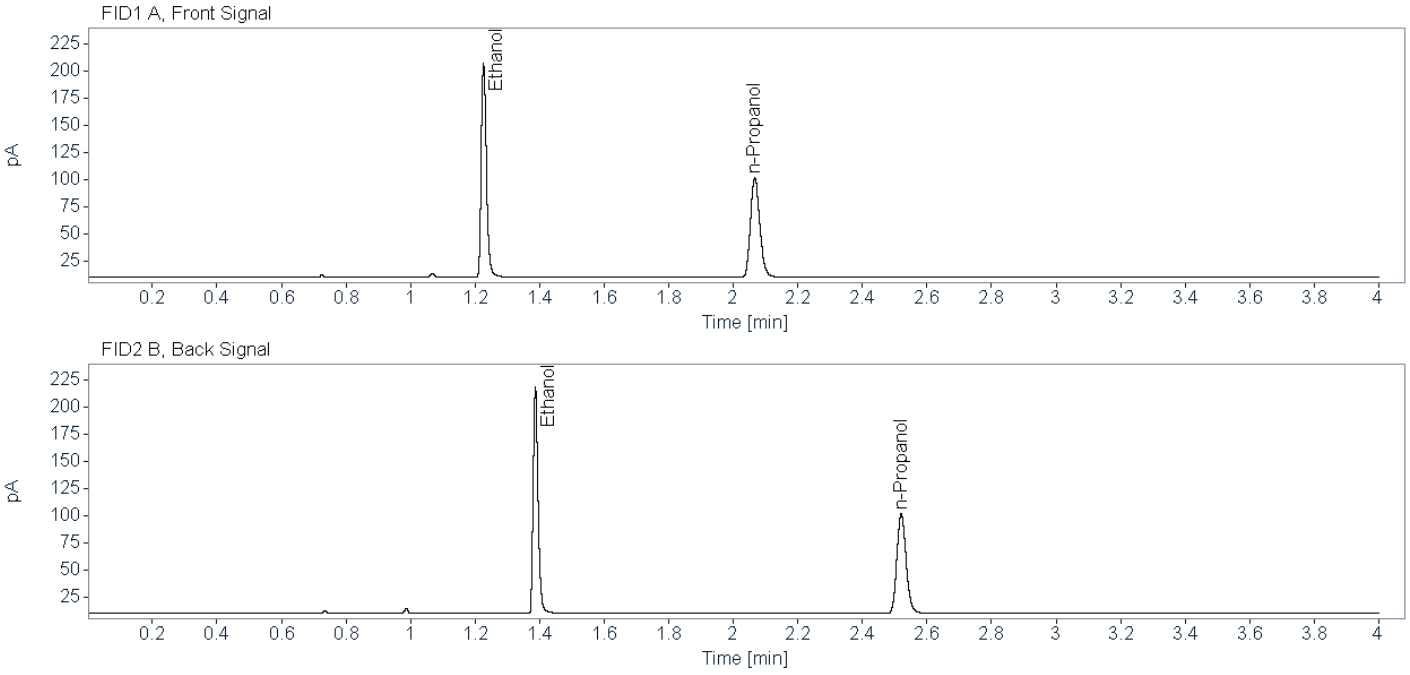
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74995 | 1.386 | 1.386 | 226.2580 | 0.2207 |
| n-Propanol | 0.84584 | 2.520 | 2.520 | 183.2840 | 0.0100 |

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

**Sample Name:** BCCL-24-2383 001_001 (25-0308) **Description:** Alq 2 **Sample Barcode** 25-0308 **Vial Number:** 74

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 8:49:47 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\074F7401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76029 | 1.226 | 1.225 | 221.0397 | 0.2137 |
| n-Propanol | 0.81304 | 2.067 | 2.066 | 184.2583 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74986 | 1.387 | 1.386 | 219.2382 | 0.2138 |
| n-Propanol | 0.84070 | 2.520 | 2.520 | 183.3120 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2386 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2144 | Aliquot 1: | 0.2141 |
| | Aliquot 2: | 0.2138 | Aliquot 2: | 0.2144 |

KB 2/25/2025

**Reported Result:** **0.214** **g/100 mL**

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

**Comments:**

Blood QC A failed to meet acceptance criteria, outside 5% of target -KB 2/25/2025

Due to multiple QC failures when analyzing this sample it was sent to an outside agency for testing -KB 2/25/2025

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

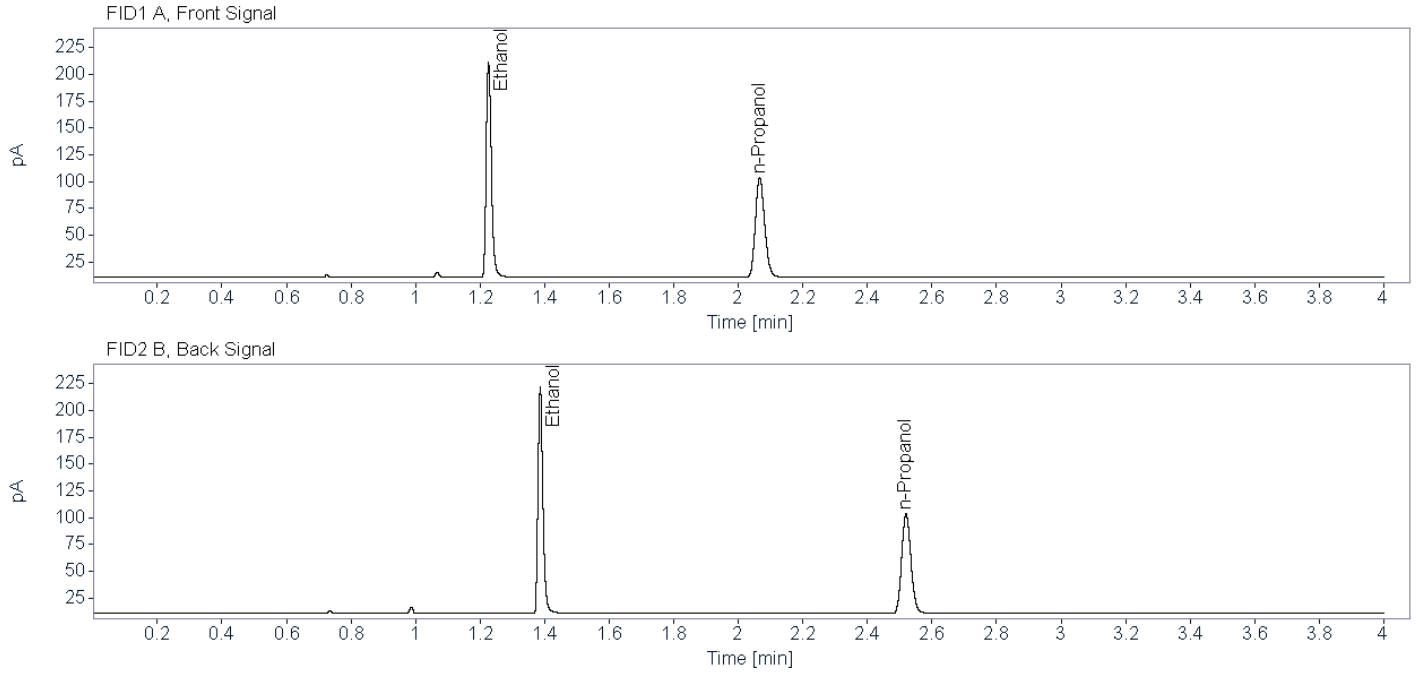
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-24-2386 001_001 (25-0249) **Description:** Alq 1 **Sample Barcode** 25-0249 **Vial Number:** 15

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 3:43:27 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\015F1501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76484 | 1.226 | 1.225 | 224.6488 | 0.2144 |
| n-Propanol | 0.82139 | 2.067 | 2.066 | 186.6323 | 0.0100 |

**Name** FID2B

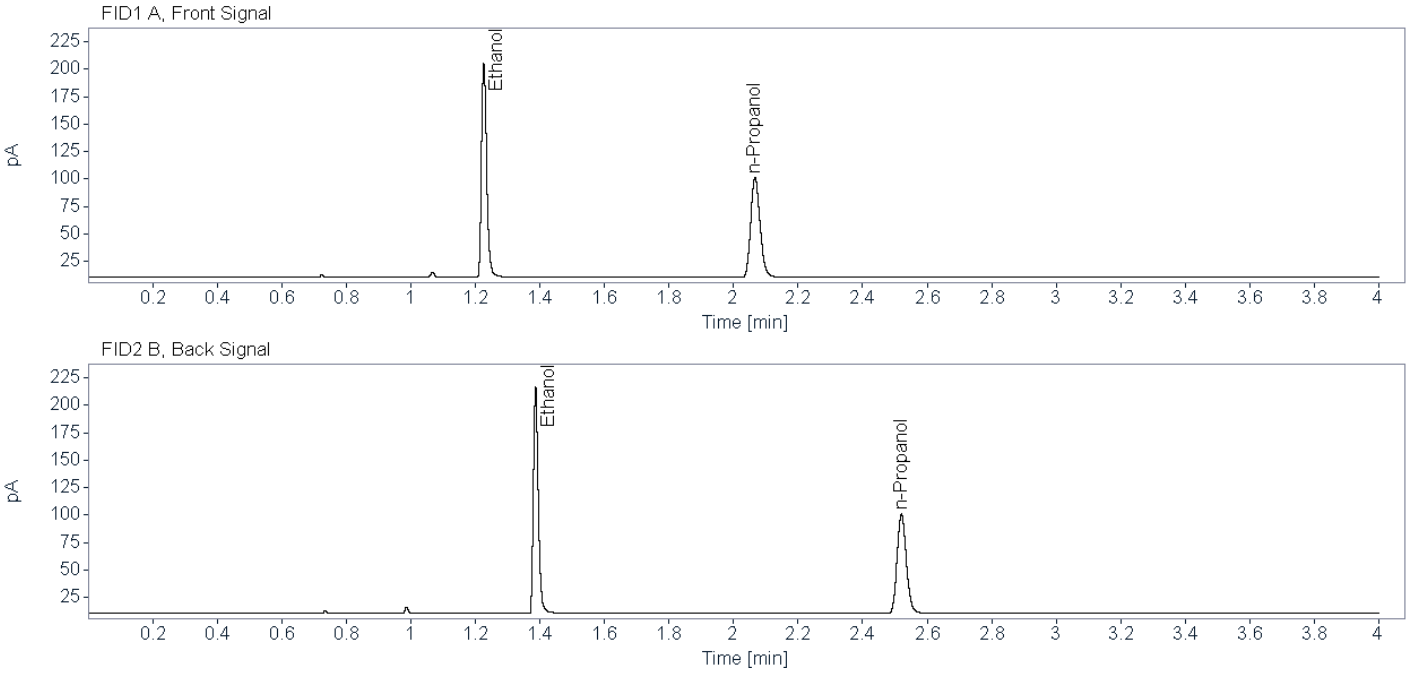
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74788 | 1.386 | 1.386 | 222.6422 | 0.2141 |
| n-Propanol | 0.84647 | 2.520 | 2.520 | 185.8993 | 0.0100 |

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

**Sample Name:** BCCL-24-2386 001_001 (25-0307) **Description:** Alq 2 **Sample Barcode** 25-0307 **Vial Number:** 73

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 8:45:05 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\073F7301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75122 | 1.226 | 1.225 | 218.4959 | 0.2138 |
| n-Propanol | 0.81752 | 2.067 | 2.066 | 182.0958 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75985 | 1.387 | 1.386 | 217.2578 | 0.2144 |
| n-Propanol | 0.85055 | 2.520 | 2.520 | 181.1466 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2388 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1664 | Aliquot 1: | 0.1663 |
| | Aliquot 2: | 0.1626 | Aliquot 2: | 0.1630 |

-KB 2/25/2025

**Reported Result:** **0.164** **g/100 mL**

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

**Comments:**

Blood QC A failed to meet acceptance criteria, outside 5% of target -KB 2/25/2025

Due to multiple QC failures when analyzing this sample it was sent to an outside agency for testing -KB 2/25/2025

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

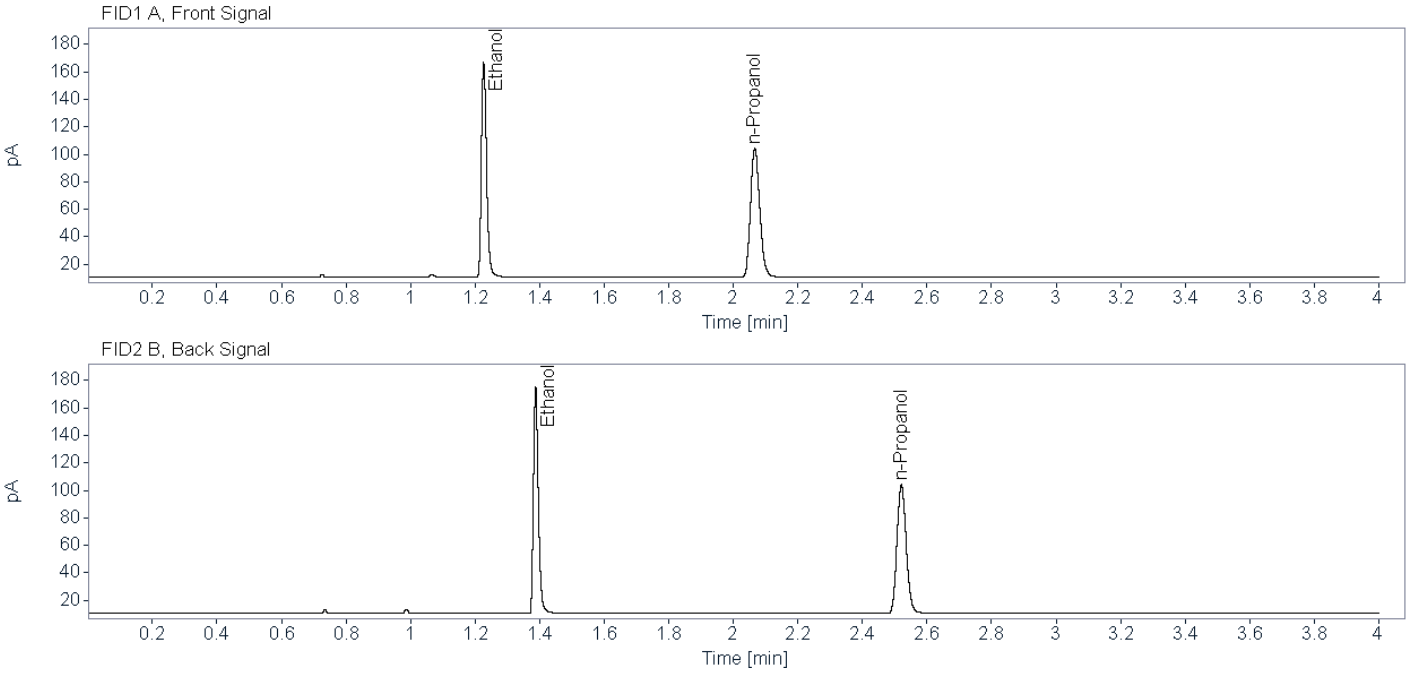
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-24-2388 001_001 (25-0250) **Description:** Alq 1 **Sample Barcode** 25-0250 **Vial Number:** 16

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 3:48:11 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\016F1601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74678 | 1.227 | 1.225 | 174.9314 | 0.1664 |
| n-Propanol | 0.82035 | 2.067 | 2.066 | 187.5215 | 0.0100 |

**Name** FID2B

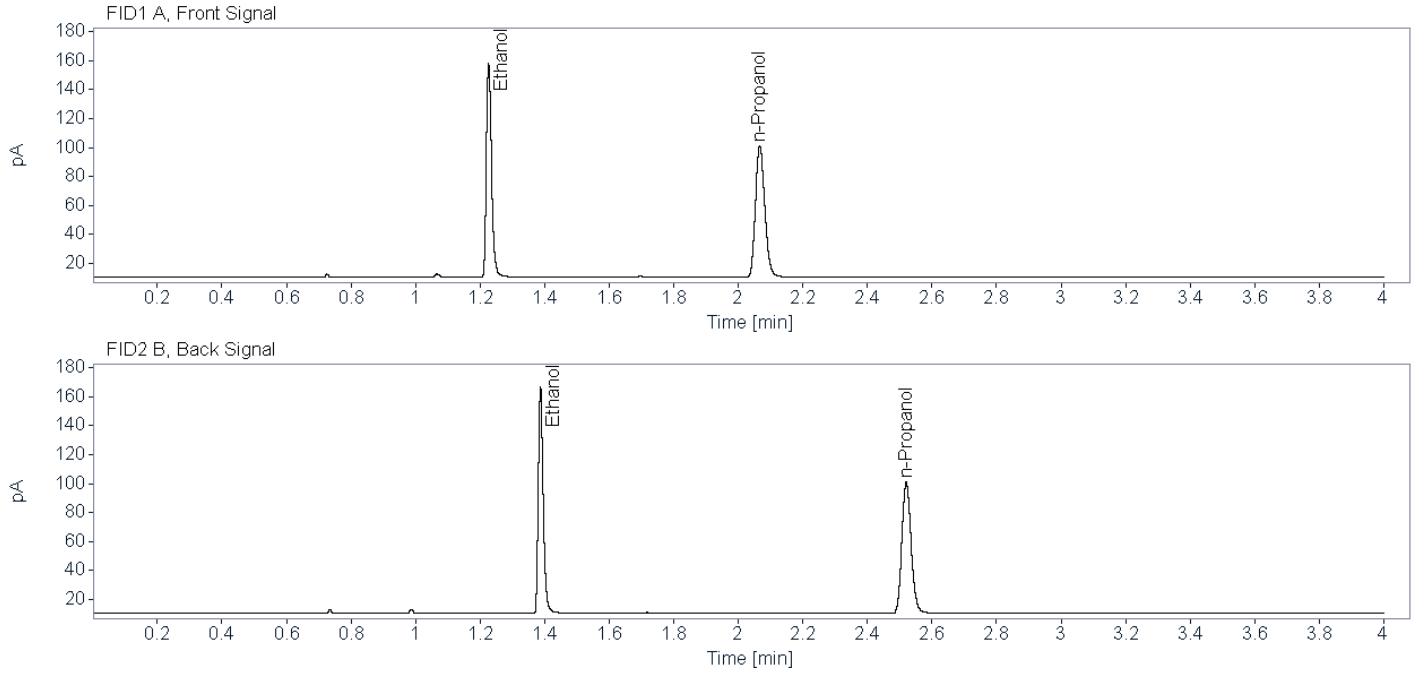
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75208 | 1.388 | 1.386 | 173.6868 | 0.1663 |
| n-Propanol | 0.85431 | 2.521 | 2.520 | 187.0315 | 0.0100 |

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

**Sample Name:** BCCL-24-2388 001_001 (25-0306) **Description:** Alq 2 **Sample Barcode** 25-0306 **Vial Number:** 72

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 8:39:22 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\072F7201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73753 | 1.227 | 1.225 | 166.1556 | 0.1626 |
| n-Propanol | 0.81157 | 2.067 | 2.066 | 182.3230 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73376 | 1.387 | 1.386 | 165.2315 | 0.1630 |
| n-Propanol | 0.84188 | 2.520 | 2.520 | 181.4609 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2390 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1129 | Aliquot 1: | 0.1129 |
| | Aliquot 2: | 0.1172 | Aliquot 2: | 0.1172 |

-KB 2/25/2025

**Reported Result:** **0.115** **g/100 mL**

**Reported UM:** **0.019** **g/100 mL**

**Comments:**

Blood QC A failed to meet acceptance criteria, outside 5% of target -KB 2/25/2025

Due to multiple QC failures when analyzing this sample it was sent to an outside agency for testing -KB 2/25/2025

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

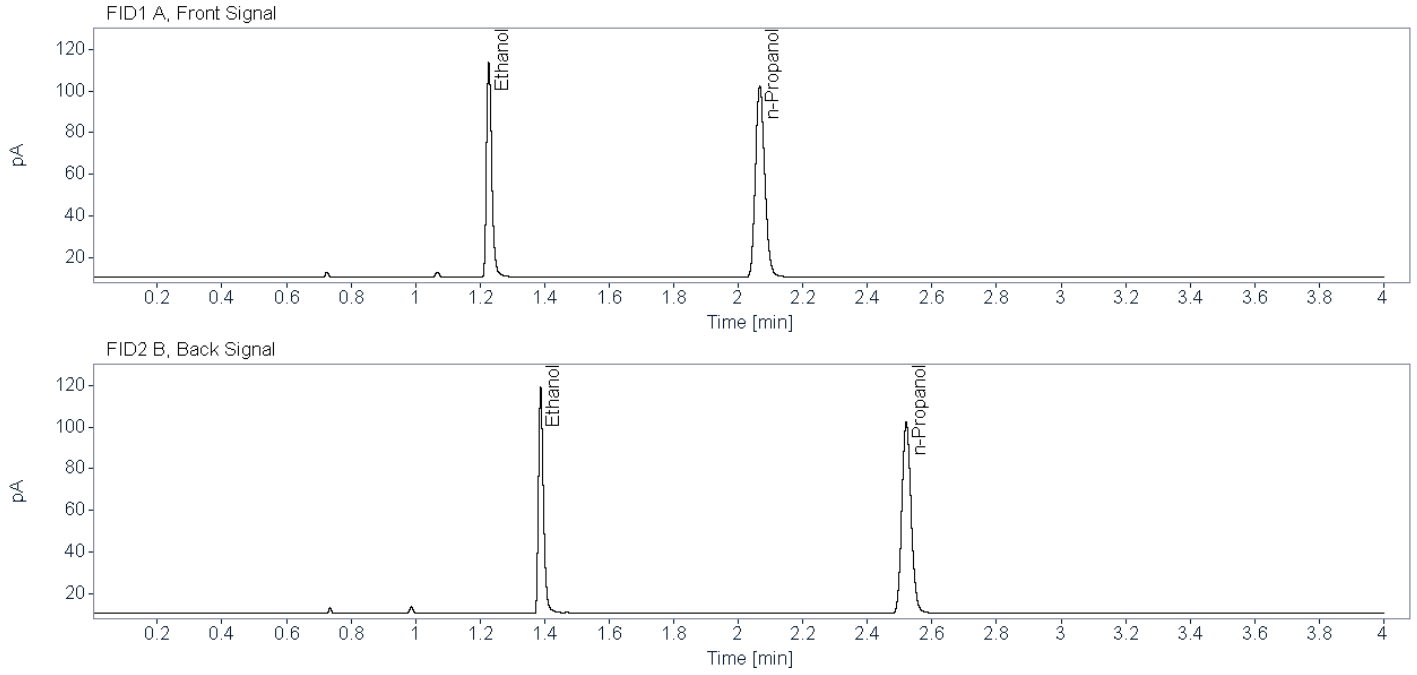
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-24-2390 001_001 (25-0251) **Description:** Alq 1 **Sample Barcode** 25-0251 **Vial Number:** 17

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 3:53:52 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\017F1701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73130 | 1.227 | 1.225 | 116.3410 | 0.1129 |
| n-Propanol | 0.82052 | 2.067 | 2.066 | 184.3723 | 0.0100 |

**Name** FID2B

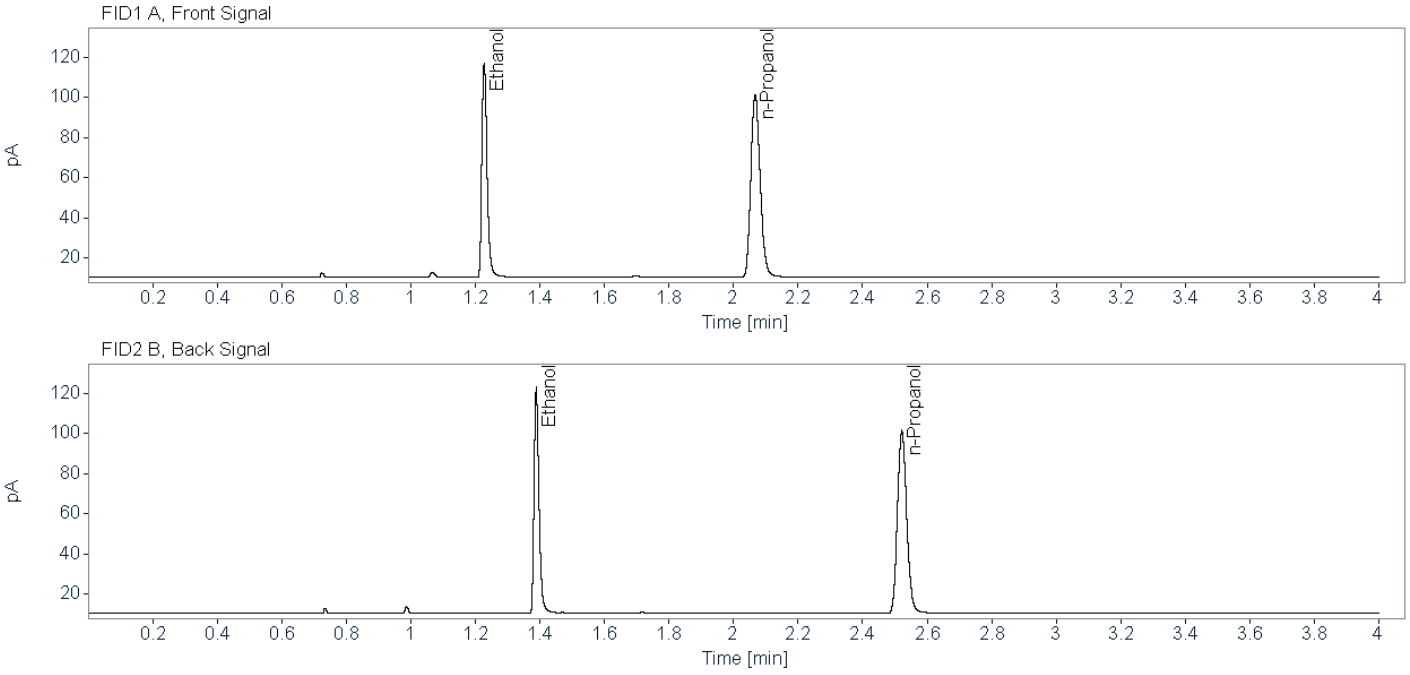
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72868 | 1.388 | 1.386 | 115.5143 | 0.1129 |
| n-Propanol | 0.85228 | 2.520 | 2.520 | 183.8321 | 0.0100 |

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

**Sample Name:** BCCL-24-2390 001_001 (25-0305) **Description:** Alq 2 **Sample Barcode** 25-0305 **Vial Number:** 71

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 8:34:40 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\071F7101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73264 | 1.227 | 1.225 | 119.6585 | 0.1172 |
| n-Propanol | 0.82170 | 2.067 | 2.066 | 182.5521 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71353 | 1.389 | 1.386 | 118.6163 | 0.1172 |
| n-Propanol | 0.85589 | 2.521 | 2.520 | 181.7407 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2392 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1230 | Aliquot 1: | 0.1228 |
| | Aliquot 2: | 0.1238 | Aliquot 2: | 0.1237 |

-KB 2/25/2025

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

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

**Comments:**

Blood QC A failed to meet acceptance criteria, outside 5% of target -KB 2/25/2025

Due to multiple QC failures when analyzing this sample it was sent to an outside agency for testing -KB 2/25/2025

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

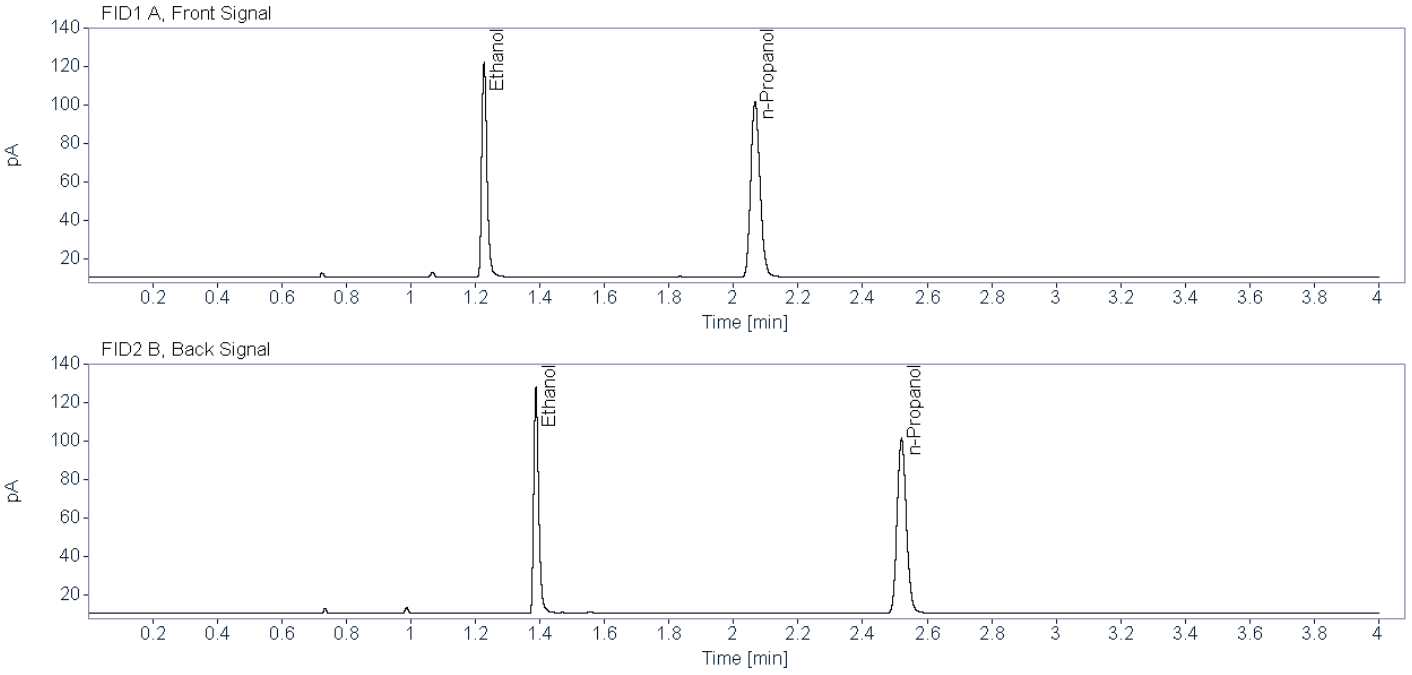
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-24-2392 001_001 (25-0252) **Description:** Alq 1 **Sample Barcode** 25-0252 **Vial Number:** 18

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 3:58:34 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\018F1801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73388 | 1.227 | 1.225 | 125.5187 | 0.1230 |
| n-Propanol | 0.82631 | 2.067 | 2.066 | 182.4022 | 0.0100 |

**Name** FID2B

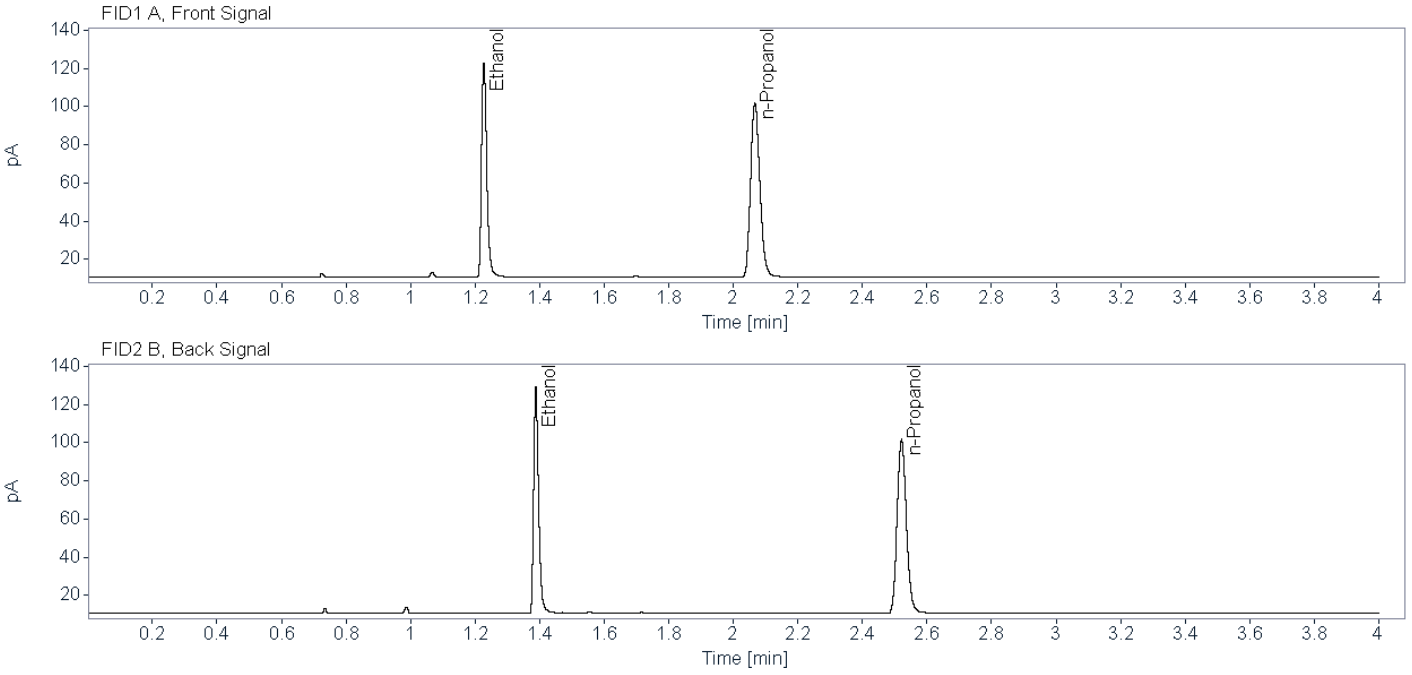
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72471 | 1.388 | 1.386 | 124.5224 | 0.1228 |
| n-Propanol | 0.85407 | 2.520 | 2.520 | 181.9111 | 0.0100 |

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

**Sample Name:** BCCL-24-2392 001_001 (25-0304) **Description:** Alq 2 **Sample Barcode** 25-0304 **Vial Number:** 70

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 8:28:59 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\070F7001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73376 | 1.227 | 1.225 | 126.6467 | 0.1238 |
| n-Propanol | 0.81643 | 2.067 | 2.066 | 182.9474 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72410 | 1.388 | 1.386 | 125.5475 | 0.1237 |
| n-Propanol | 0.85335 | 2.521 | 2.520 | 182.1037 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2393 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1830 | Aliquot 1: | 0.1829 |
| | Aliquot 2: | 0.1897 | Aliquot 2: | 0.1903 |

-KB 2/25/2025

**Reported Result:** **0.186** **g/100 mL**

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

**Comments:**

Blood QC A failed to meet acceptance criteria, outside 5% of target -KB 2/25/2025

Due to multiple QC failures when analyzing this sample it was sent to an outside agency for testing -KB 2/25/2025

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

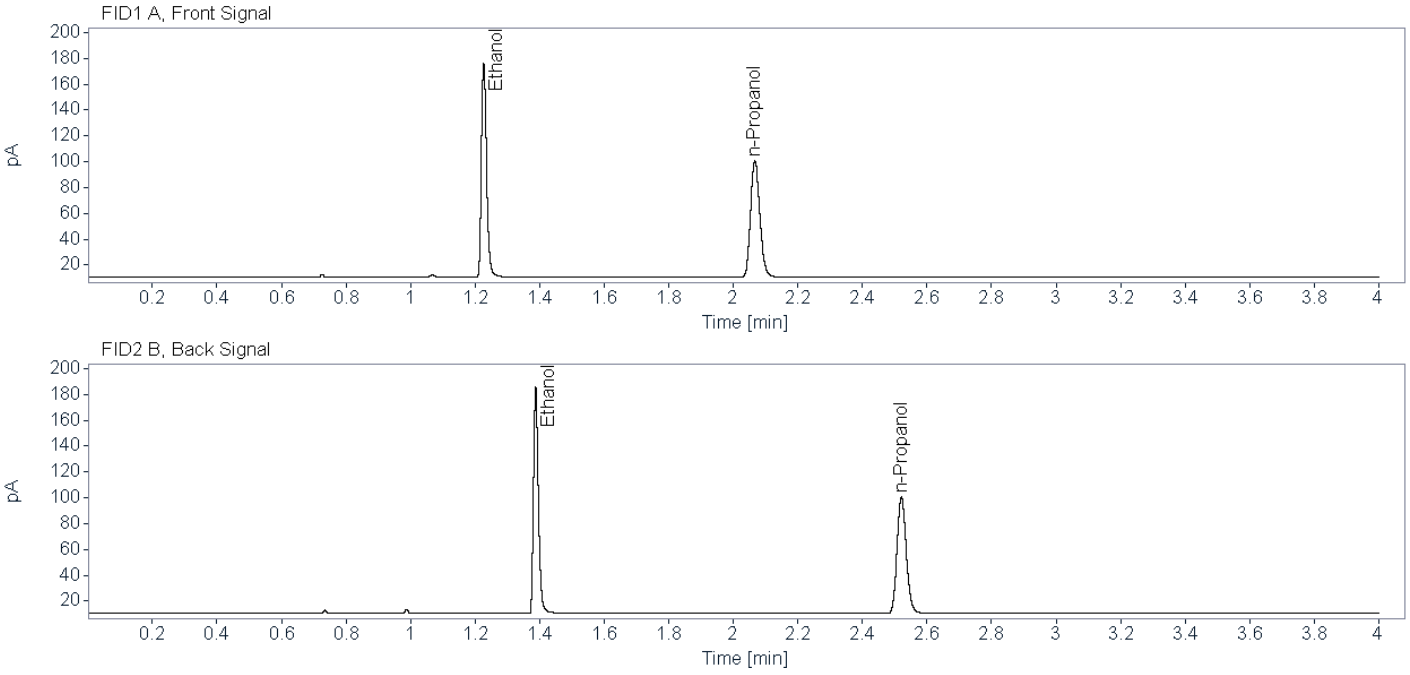
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-24-2393 001_001 (25-0253) **Description:** Alq 1 **Sample Barcode** 25-0253 **Vial Number:** 19

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 4:04:16 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\019F1901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75029 | 1.227 | 1.225 | 185.6449 | 0.1830 |
| n-Propanol | 0.81987 | 2.067 | 2.066 | 180.8452 | 0.0100 |

**Name** FID2B

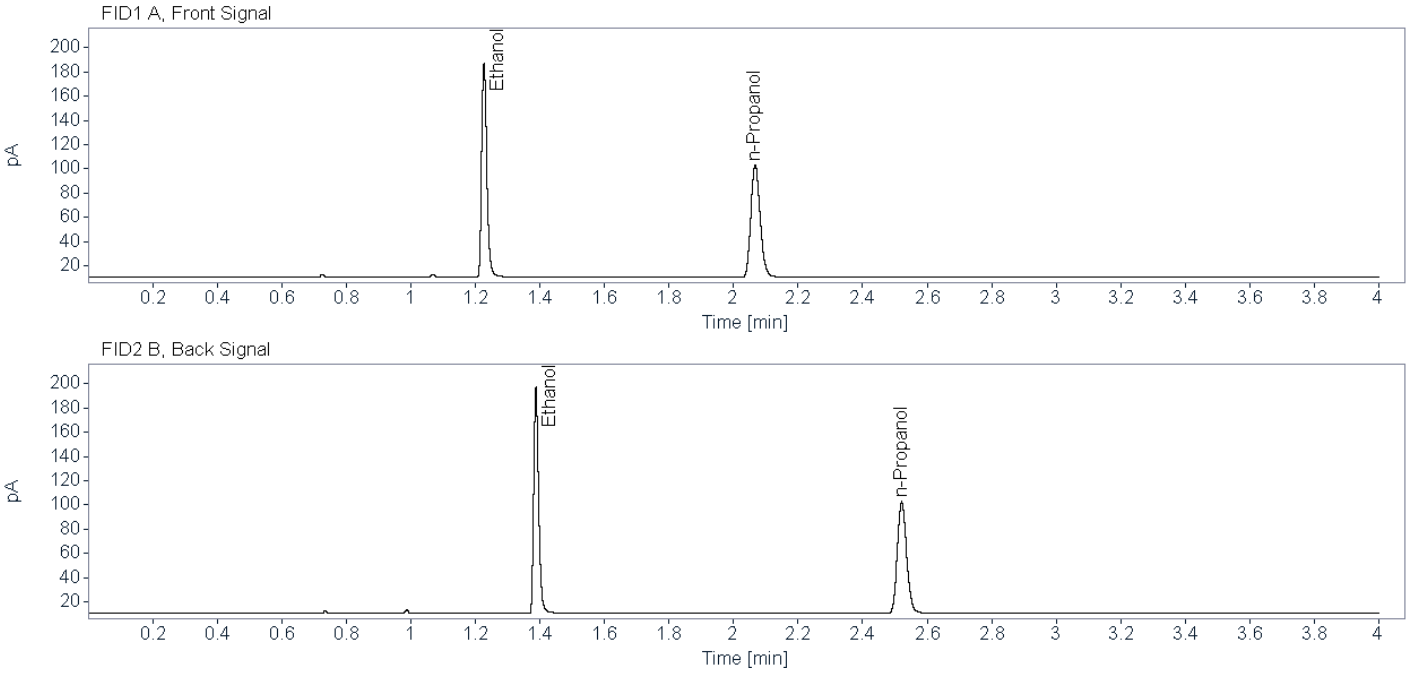
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75929 | 1.388 | 1.386 | 184.3782 | 0.1829 |
| n-Propanol | 0.85375 | 2.521 | 2.520 | 180.4168 | 0.0100 |

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

**Sample Name:** BCCL-24-2393 001_001 (25-0303) **Description:** Alq 2 **Sample Barcode** 25-0303 **Vial Number:** 69

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 8:24:16 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\069F6901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76081 | 1.227 | 1.225 | 197.8170 | 0.1897 |
| n-Propanol | 0.82615 | 2.067 | 2.066 | 185.8971 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74924 | 1.388 | 1.386 | 196.7977 | 0.1903 |
| n-Propanol | 0.85335 | 2.521 | 2.520 | 184.9855 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-2395 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2079 | Aliquot 1: | 0.2077 |
| | Aliquot 2: | 0.2093 | Aliquot 2: | 0.2098 |

-KB 2/25/2025

**Reported Result:** 0.208 **g/100 mL**

**Reported UM:** 0.034 **g/100 mL**

**Comments:**

Blood QC A failed to meet acceptance criteria, outside 5% of target -KB 2/25/2025

Due to multiple QC failures when analyzing this sample it was sent to an outside agency for testing -KB 2/25/2025

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

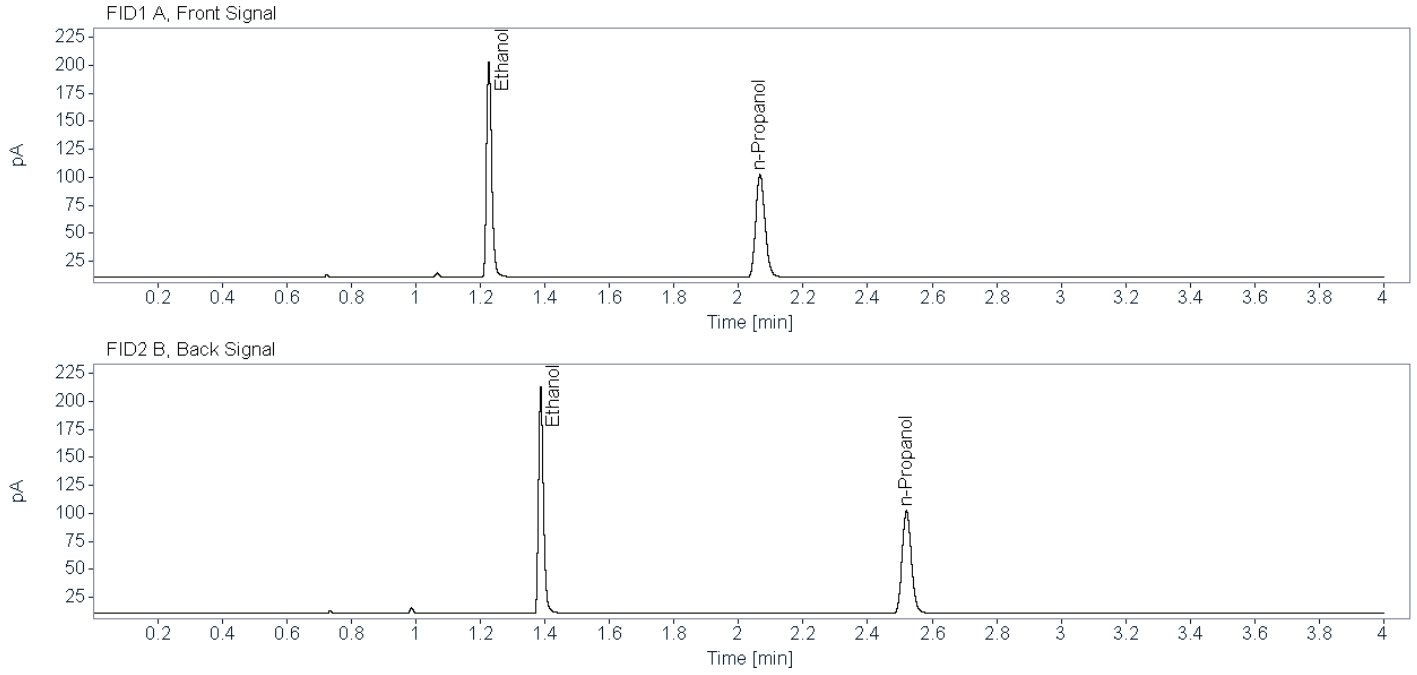
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-24-2395 001_001 (25-0254) **Description:** Alq 1 **Sample Barcode** 25-0254 **Vial Number:** 20

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 4:08:59 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\020F2001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76020 | 1.226 | 1.225 | 214.7290 | 0.2079 |
| n-Propanol | 0.82685 | 2.067 | 2.066 | 184.0477 | 0.0100 |

**Name** FID2B

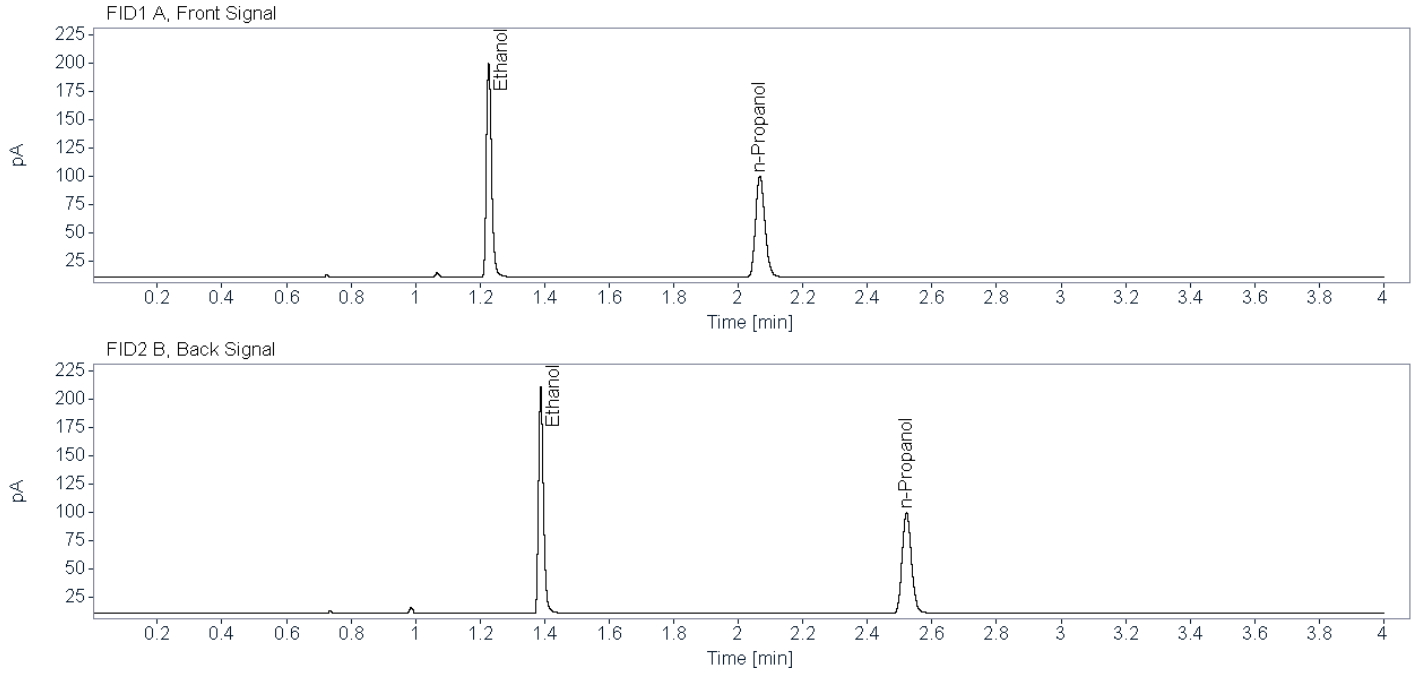
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76994 | 1.387 | 1.386 | 213.2381 | 0.2077 |
| n-Propanol | 0.85682 | 2.520 | 2.520 | 183.5286 | 0.0100 |

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

**Sample Name:** BCCL-24-2395 001_001 (25-0302) **Description:** Alq 2 **Sample Barcode** 25-0302 **Vial Number:** 68

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 8:18:35 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\068F6801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75229 | 1.227 | 1.225 | 212.0053 | 0.2093 |
| n-Propanol | 0.81512 | 2.067 | 2.066 | 180.4862 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76984 | 1.388 | 1.386 | 210.8818 | 0.2098 |
| n-Propanol | 0.85058 | 2.521 | 2.520 | 179.7330 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0001 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1314 | Aliquot 1: | 0.1316 |
| | Aliquot 2: | 0.1346 | Aliquot 2: | 0.1352 |

-KB 2/25/2025

**Reported Result:** **0.133** **g/100 mL**

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

**Comments:**

Blood QC A failed to meet acceptance criteria, outside 5% of target -KB 2/25/2025

Due to multiple QC failures when analyzing this sample it was sent to an outside agency for testing -KB 2/25/2025

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

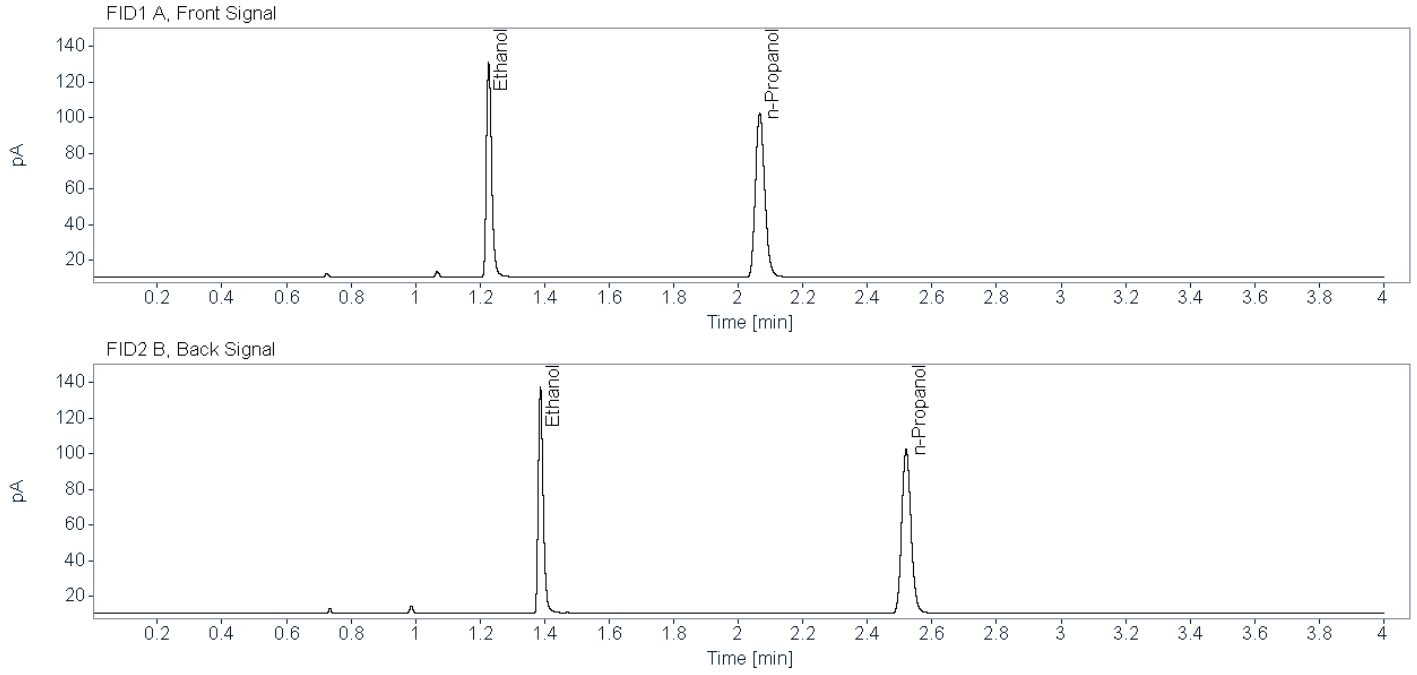
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0001 001_001 (25-0255) **Description:** Alq 1 **Sample Barcode** 25-0255 **Vial Number:** 21

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 4:14:40 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\021F2101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73380 | 1.227 | 1.225 | 135.7687 | 0.1314 |
| n-Propanol | 0.81740 | 2.067 | 2.066 | 184.6848 | 0.0100 |

**Name** FID2B

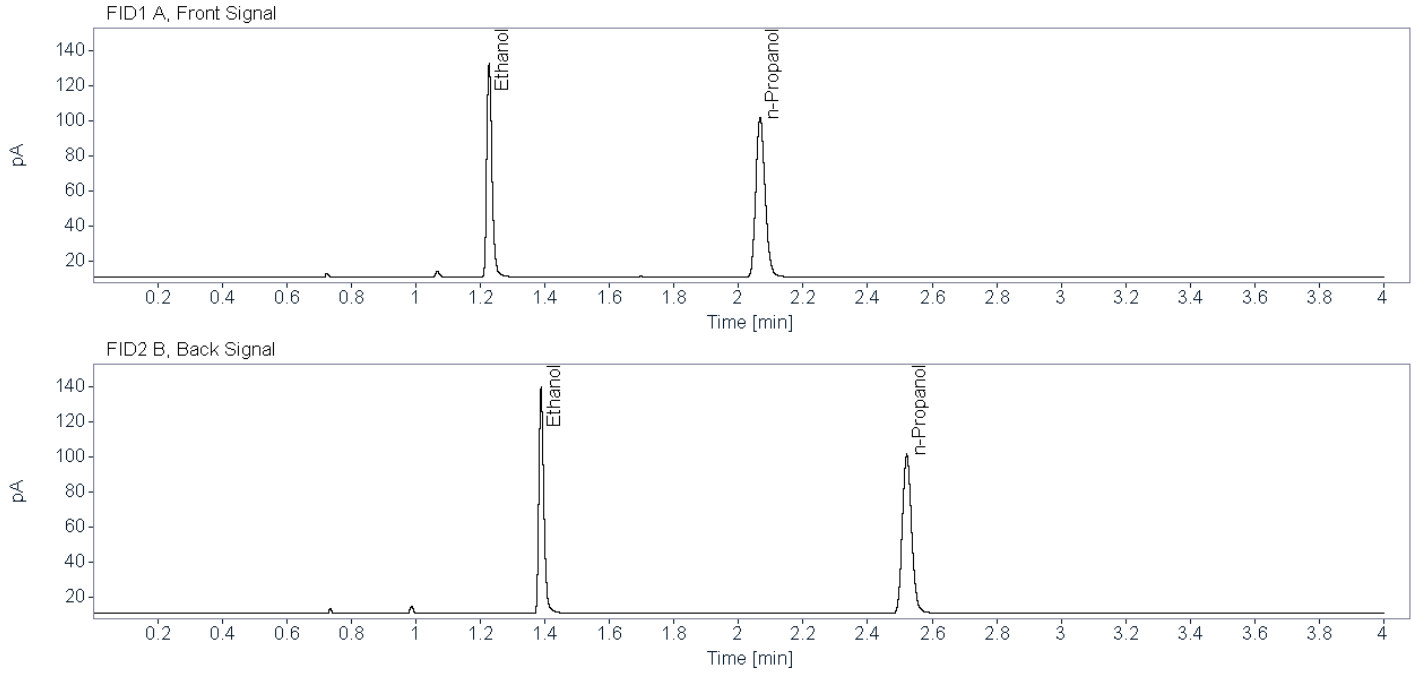
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71770 | 1.387 | 1.386 | 134.9037 | 0.1316 |
| n-Propanol | 0.85038 | 2.520 | 2.520 | 183.8134 | 0.0100 |

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

**Sample Name:** BCCL-25-0001 001_001 (25-0301) **Description:** Alq 2 **Sample Barcode** 25-0301 **Vial Number:** 67

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 8:13:52 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\067F6701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73392 | 1.227 | 1.225 | 138.1564 | 0.1346 |
| n-Propanol | 0.82288 | 2.067 | 2.066 | 183.3416 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72866 | 1.388 | 1.386 | 137.5360 | 0.1352 |
| n-Propanol | 0.85737 | 2.521 | 2.520 | 182.3512 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0046 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1863 | Aliquot 1: | 0.1861 |
| | Aliquot 2: | 0.1919 | Aliquot 2: | 0.1926 |

**Reported Result: 0.189 g/100 mL**

**Reported UM: 0.031 g/100 mL**

**Comments:**

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

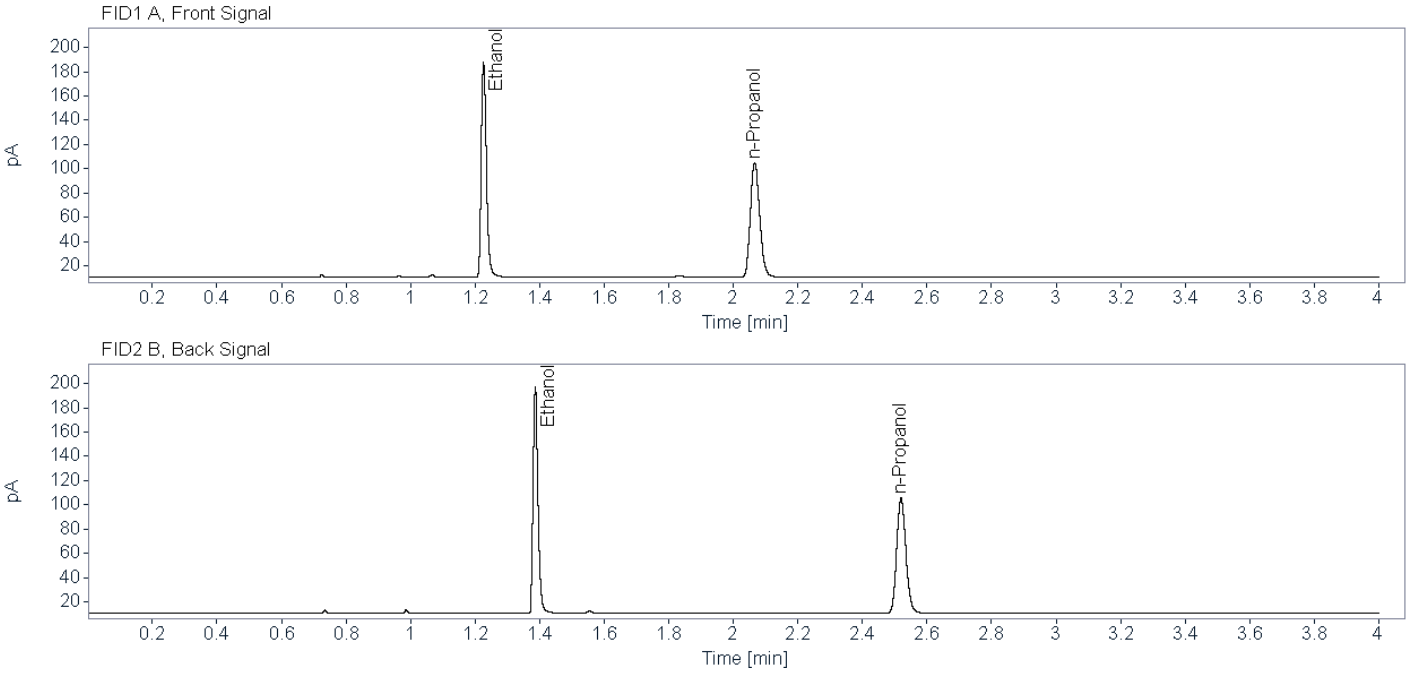
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0046 001_001 (25-0257) **Description:** Alq 1 **Sample Barcode** 25-0257 **Vial Number:** 23

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 4:25:04 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\023F2301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75721 | 1.226 | 1.225 | 198.6066 | 0.1863 |
| n-Propanol | 0.81988 | 2.067 | 2.066 | 190.0431 | 0.0100 |

**Name** FID2B

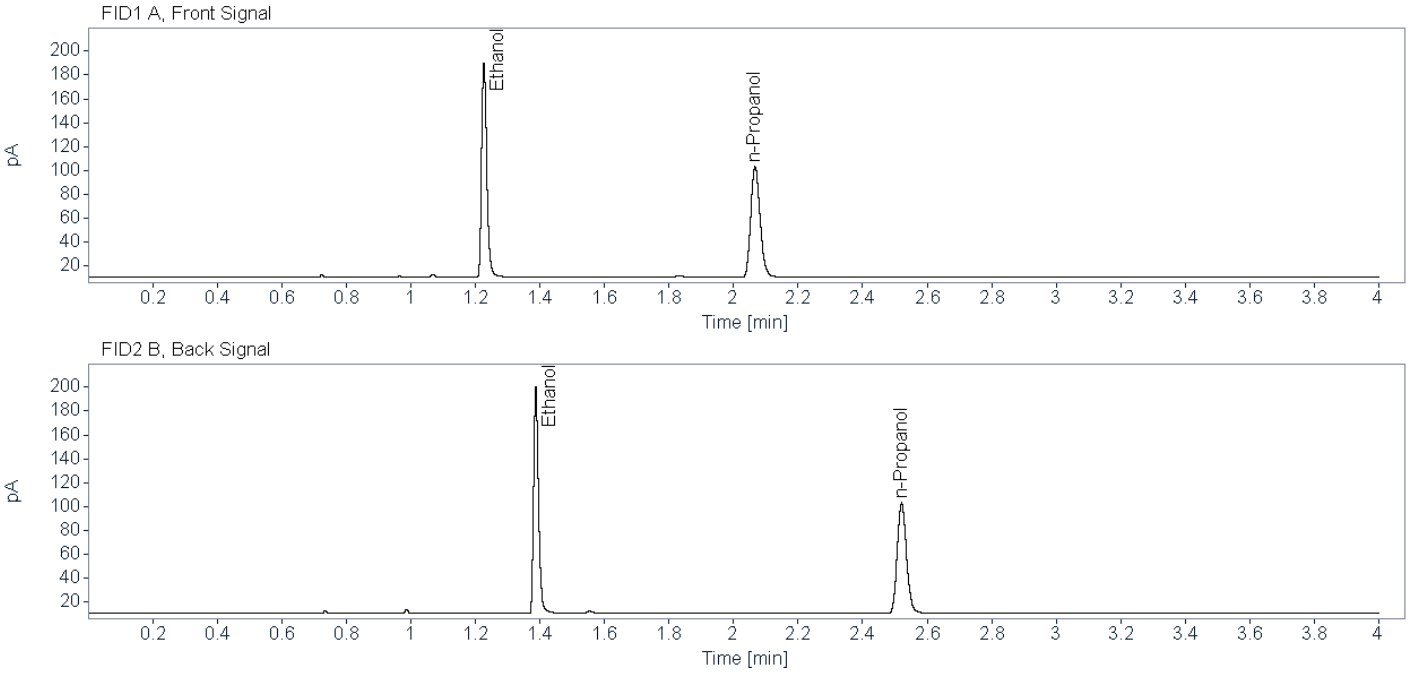
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73910 | 1.387 | 1.386 | 196.8329 | 0.1861 |
| n-Propanol | 0.84399 | 2.520 | 2.520 | 189.2098 | 0.0100 |

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

**Sample Name:** BCCL-25-0046 001_001 (25-0299) **Description:** Alq 2 **Sample Barcode** 25-0299 **Vial Number:** 65

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 8:03:28 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\065F6501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75932 | 1.227 | 1.225 | 200.7478 | 0.1919 |
| n-Propanol | 0.81914 | 2.067 | 2.066 | 186.4803 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74669 | 1.387 | 1.386 | 199.6628 | 0.1926 |
| n-Propanol | 0.85166 | 2.521 | 2.520 | 185.3915 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0047 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2018 | Aliquot 1: | 0.2017 |
| | Aliquot 2: | 0.2085 | Aliquot 2: | 0.2092 |

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

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

**Comments:**

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

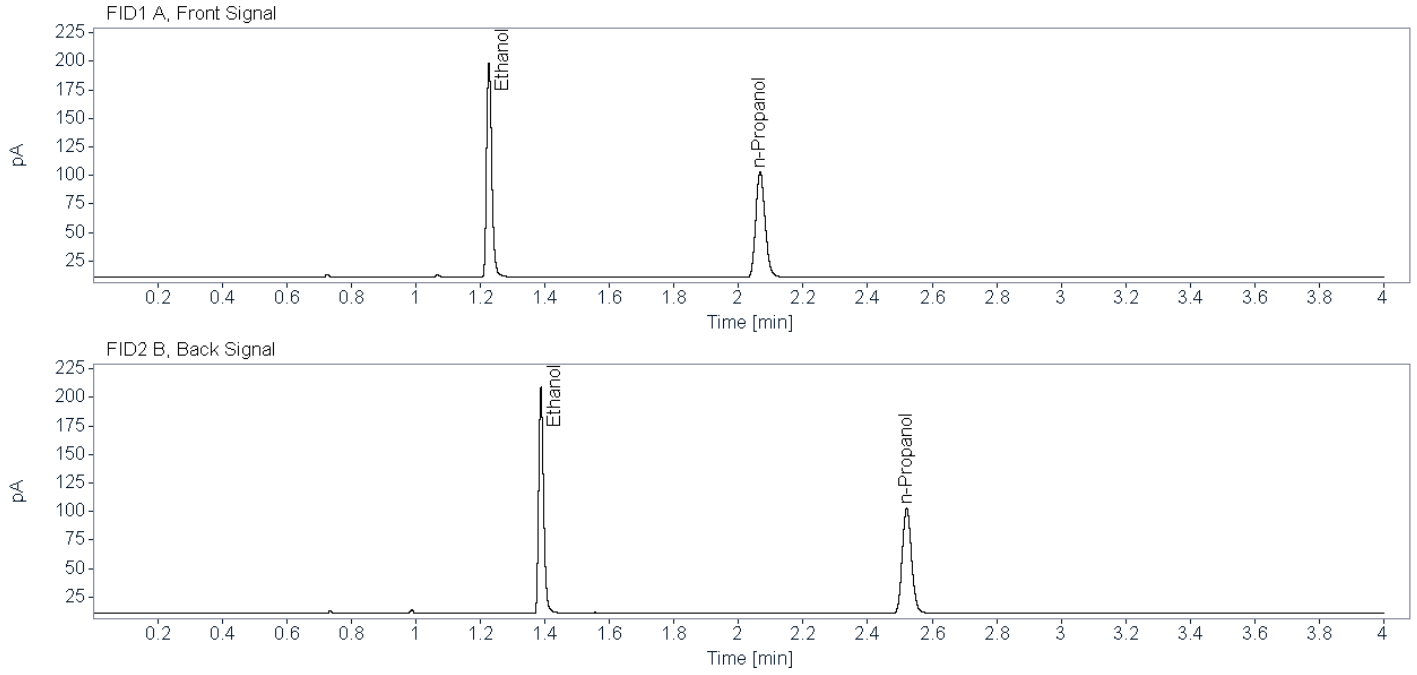
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0047 001_001 (25-0258) **Description:** Alq 1 **Sample Barcode** 25-0258 **Vial Number:** 24

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 4:29:46 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\024F2401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76536 | 1.227 | 1.225 | 210.1228 | 0.2018 |
| n-Propanol | 0.82776 | 2.067 | 2.066 | 185.5544 | 0.0100 |

**Name** FID2B

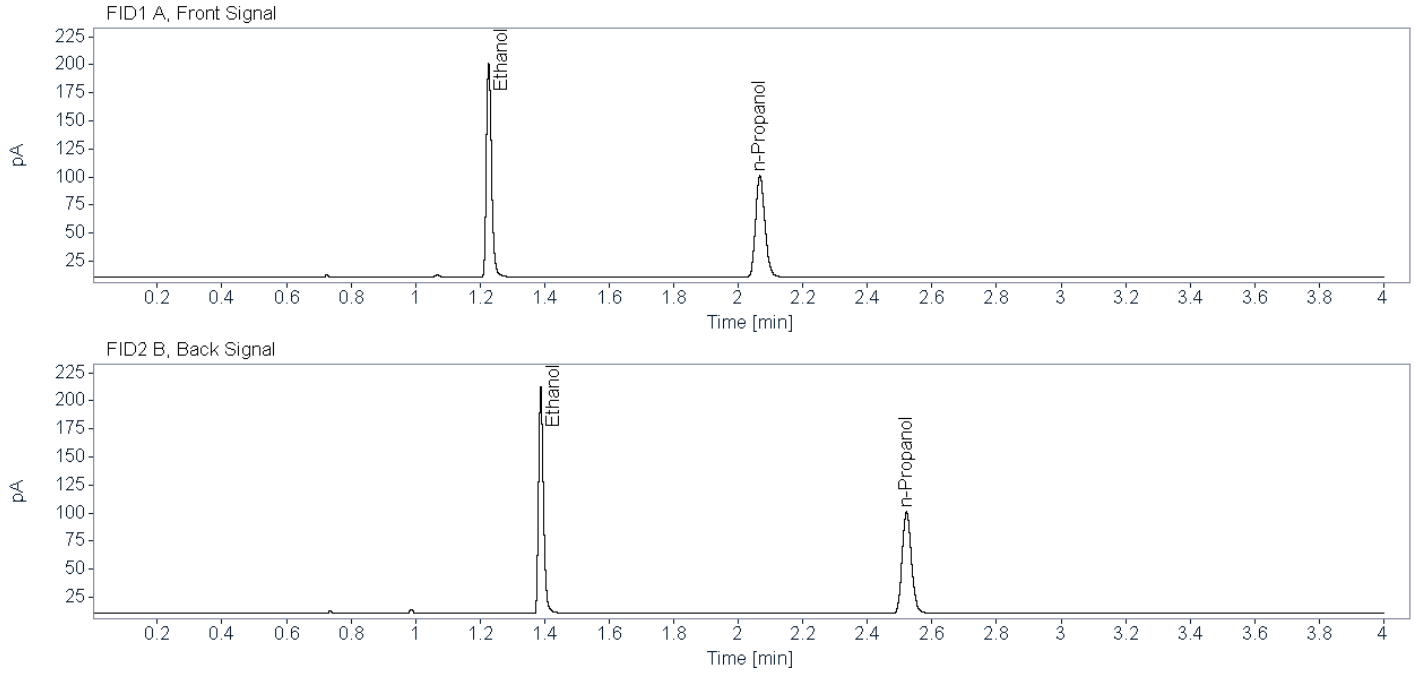
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75384 | 1.388 | 1.386 | 208.6917 | 0.2017 |
| n-Propanol | 0.85859 | 2.521 | 2.520 | 185.0405 | 0.0100 |

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

**Sample Name:** BCCL-25-0047 001_001 (25-0298) **Description:** Alq 2 **Sample Barcode** 25-0298 **Vial Number:** 64

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 7:57:47 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\064F6401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75246 | 1.227 | 1.225 | 213.1703 | 0.2085 |
| n-Propanol | 0.81484 | 2.067 | 2.066 | 182.1847 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77018 | 1.388 | 1.386 | 212.2513 | 0.2092 |
| n-Propanol | 0.85196 | 2.521 | 2.520 | 181.4037 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0048 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1467 | Aliquot 1: | 0.1467 |
| | Aliquot 2: | 0.1499 | Aliquot 2: | 0.1504 |

**Reported Result: 0.148 g/100 mL**

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

**Comments:**

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

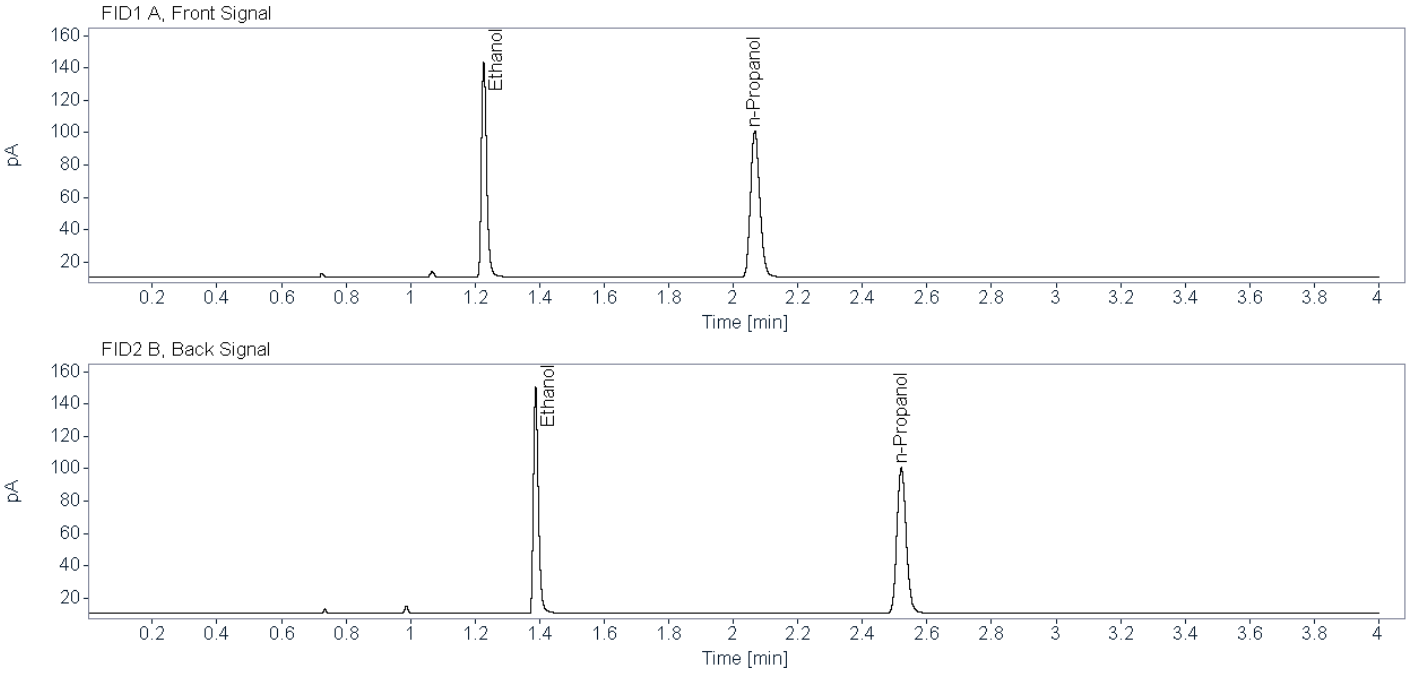
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0048 001_001 (25-0259) **Description:** Alq 1 **Sample Barcode** 25-0259 **Vial Number:** 25

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 4:35:28 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\025F2501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74052 | 1.227 | 1.225 | 149.0309 | 0.1467 |
| n-Propanol | 0.81963 | 2.067 | 2.066 | 181.4186 | 0.0100 |

**Name** FID2B

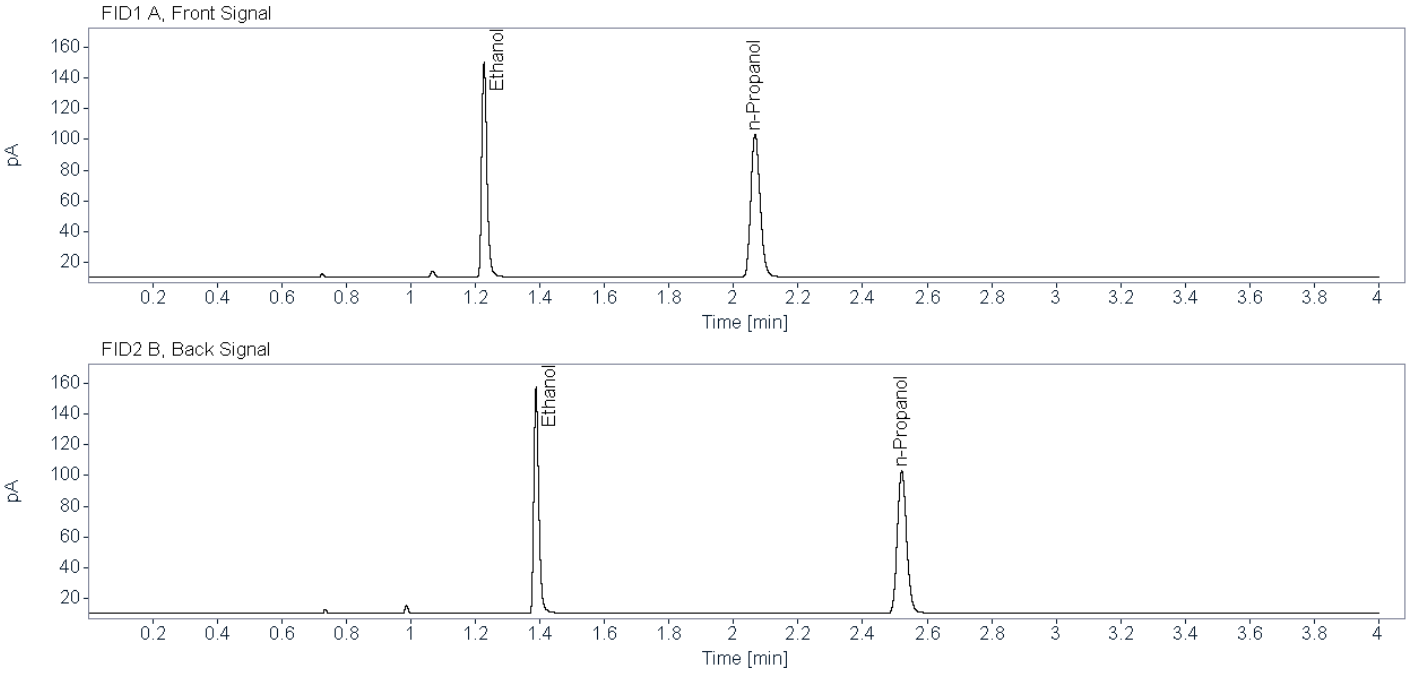
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74224 | 1.388 | 1.386 | 148.1051 | 0.1467 |
| n-Propanol | 0.84869 | 2.521 | 2.520 | 180.9345 | 0.0100 |

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

**Sample Name:** BCCL-25-0048 001_001 (25-0297) **Description:** Alq 2 **Sample Barcode** 25-0297 **Vial Number:** 63

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 7:53:04 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\063F6301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73797 | 1.227 | 1.225 | 156.5995 | 0.1499 |
| n-Propanol | 0.82270 | 2.067 | 2.066 | 186.5103 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73641 | 1.388 | 1.386 | 155.9580 | 0.1504 |
| n-Propanol | 0.85718 | 2.521 | 2.520 | 185.7468 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0049 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1550 | Aliquot 1: | 0.1548 |
| | Aliquot 2: | 0.1593 | Aliquot 2: | 0.1593 |

**Reported Result:** **0.157** **g/100 mL**

**Reported UM:** **0.025** **g/100 mL**

**Comments:**

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

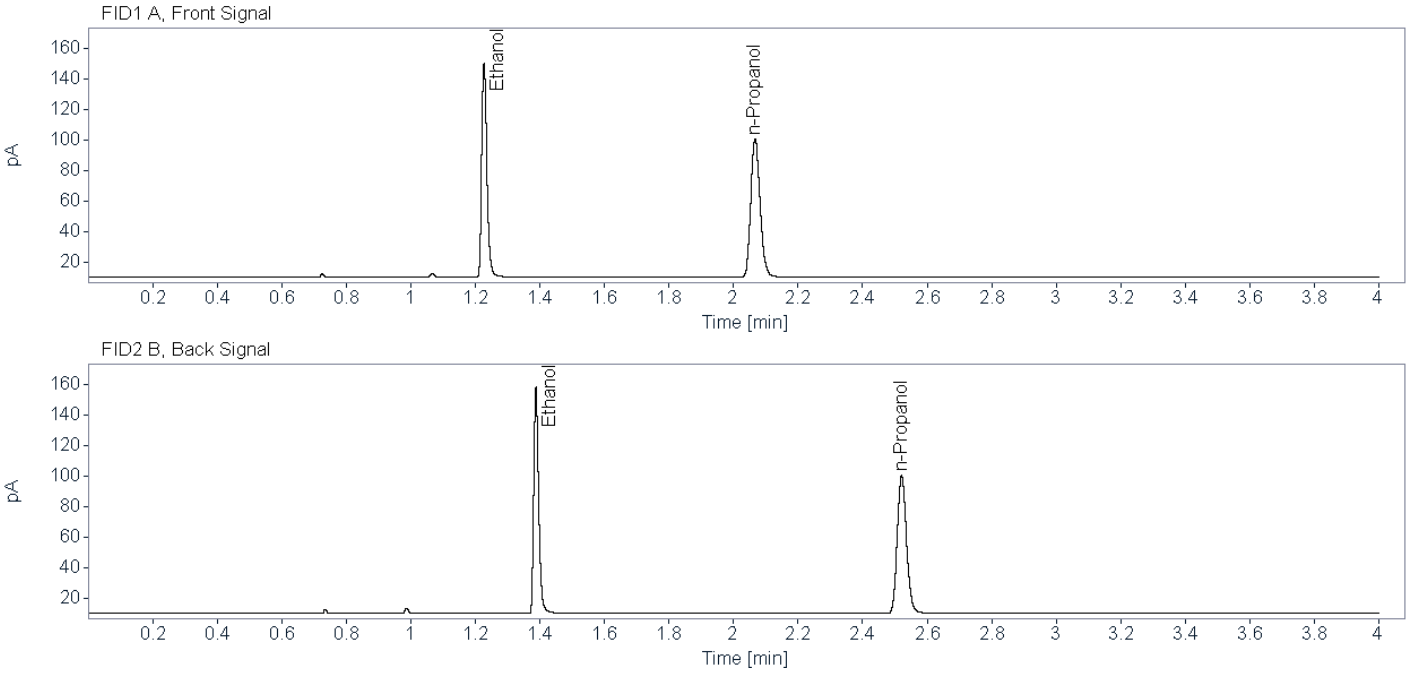
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0049 001_001 (25-0260) **Description:** Alq 1 **Sample Barcode** 25-0260 **Vial Number:** 26

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 4:40:11 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\026F2601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75577 | 1.227 | 1.225 | 157.0379 | 0.1550 |
| n-Propanol | 0.82473 | 2.067 | 2.066 | 180.8491 | 0.0100 |

**Name** FID2B

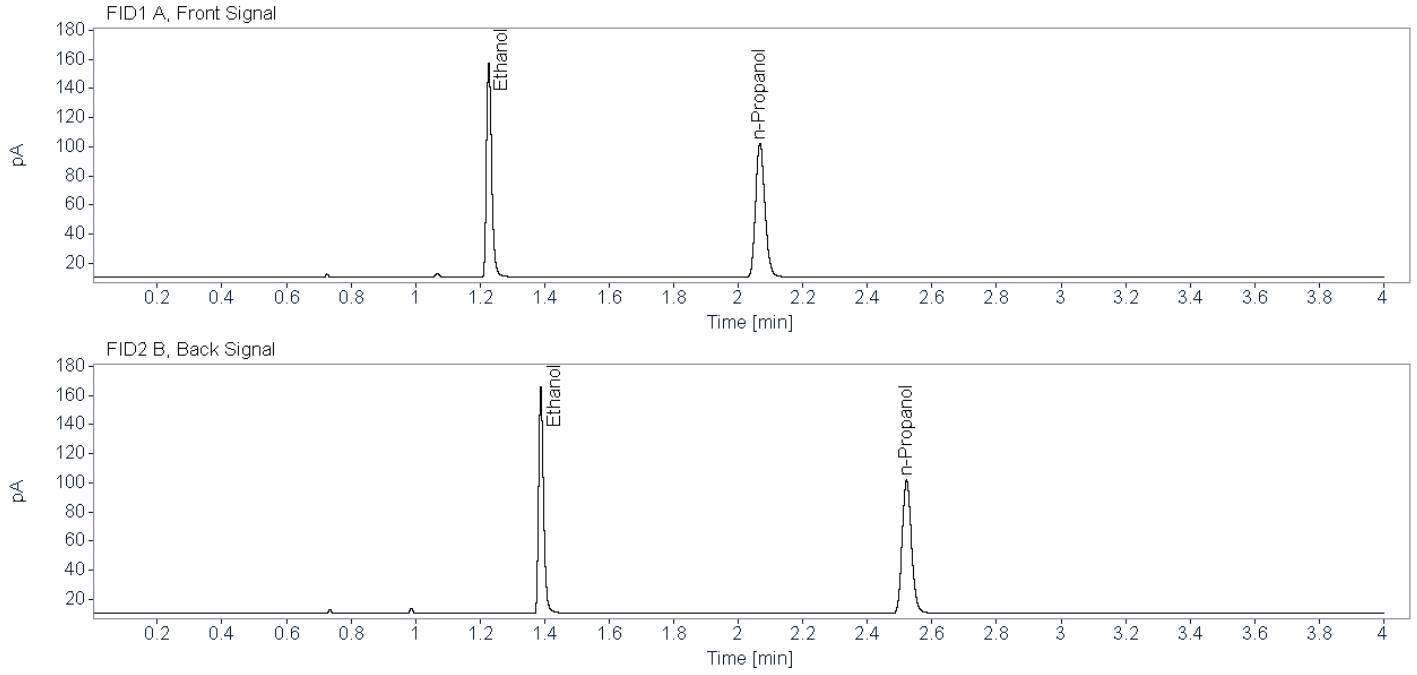
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73521 | 1.388 | 1.386 | 155.9239 | 0.1548 |
| n-Propanol | 0.85866 | 2.521 | 2.520 | 180.4183 | 0.0100 |

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

**Sample Name:** BCCL-25-0049 001_001 (25-0296) **Description:** Alq 2 **Sample Barcode** 25-0296 **Vial Number:** 62

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 7:47:23 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\062F6201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74182 | 1.227 | 1.225 | 164.8336 | 0.1593 |
| n-Propanol | 0.81638 | 2.067 | 2.066 | 184.6062 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73661 | 1.388 | 1.386 | 163.6053 | 0.1593 |
| n-Propanol | 0.85946 | 2.521 | 2.520 | 183.9242 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0060 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1803 | Aliquot 1: | 0.1802 |
| | Aliquot 2: | 0.1872 | Aliquot 2: | 0.1877 |

**Reported Result: 0.183 g/100 mL**

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

**Comments:**

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

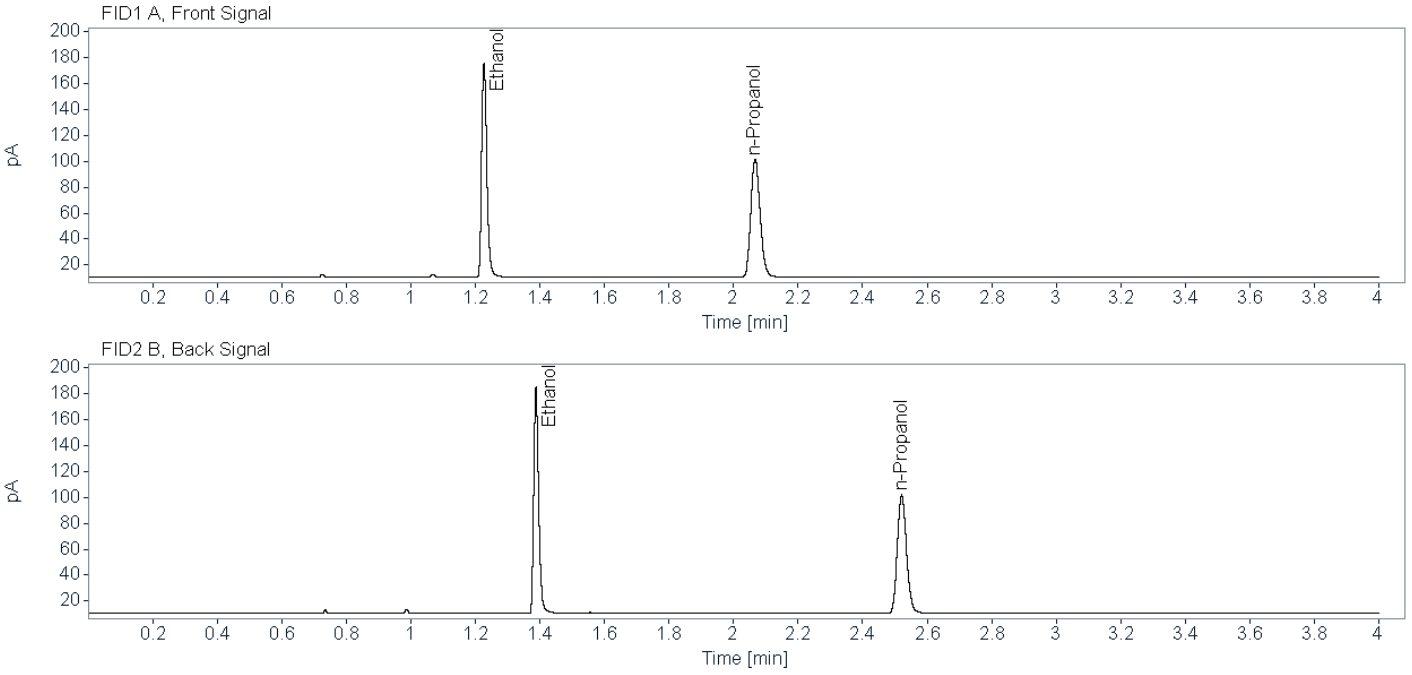
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0060 001_001 (25-0261) **Description:** Alq 1 **Sample Barcode** 25-0261 **Vial Number:** 27

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 4:45:52 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\027F2701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76306 | 1.227 | 1.225 | 184.8835 | 0.1803 |
| n-Propanol | 0.82755 | 2.067 | 2.066 | 182.8091 | 0.0100 |

**Name** FID2B

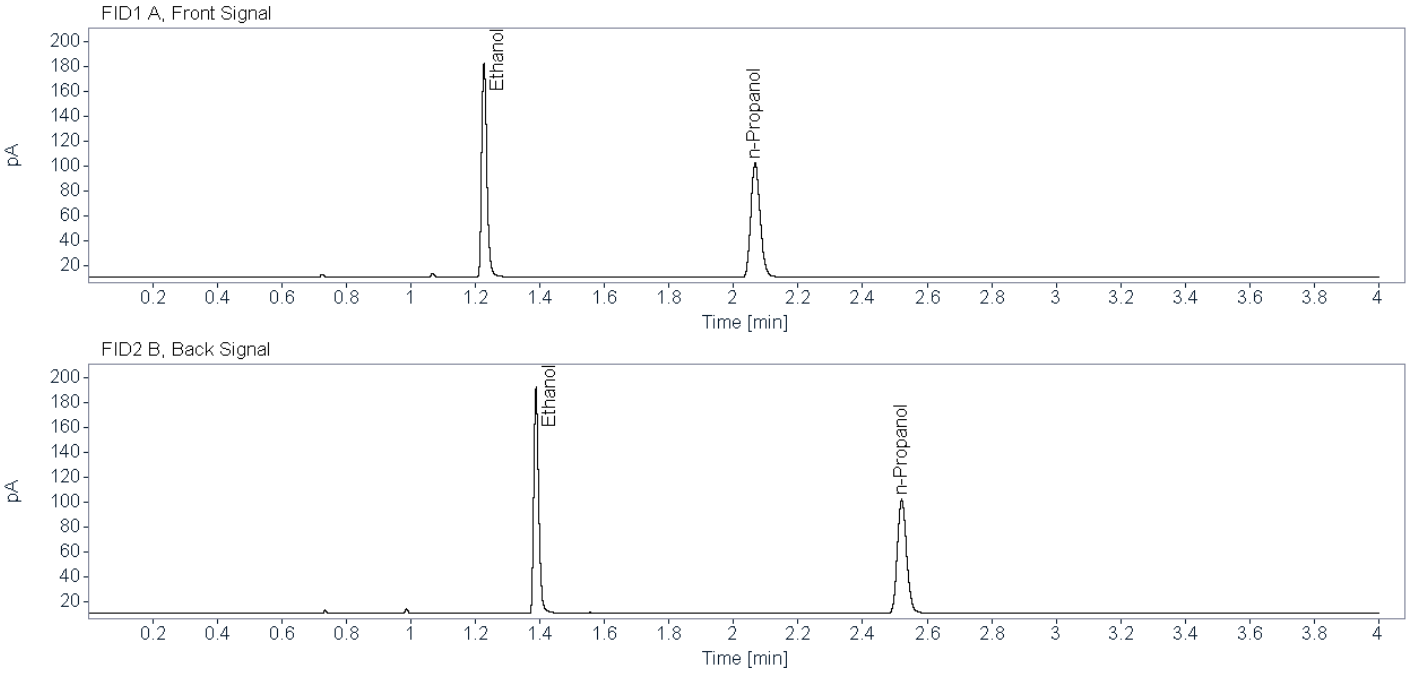
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74693 | 1.388 | 1.386 | 183.6371 | 0.1802 |
| n-Propanol | 0.85849 | 2.521 | 2.520 | 182.3382 | 0.0100 |

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

**Sample Name:** BCCL-25-0060 001_001 (25-0295) **Description:** Alq 2 **Sample Barcode** 25-0295 **Vial Number:** 61

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 7:42:39 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\061F6101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76283 | 1.227 | 1.225 | 192.9657 | 0.1872 |
| n-Propanol | 0.82377 | 2.067 | 2.066 | 183.7966 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74943 | 1.388 | 1.386 | 192.0641 | 0.1877 |
| n-Propanol | 0.85437 | 2.521 | 2.520 | 183.0489 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0071 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1241 | Aliquot 1: | 0.1237 |
| | Aliquot 2: | 0.1226 | Aliquot 2: | 0.1231 |

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

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

**Comments:**

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

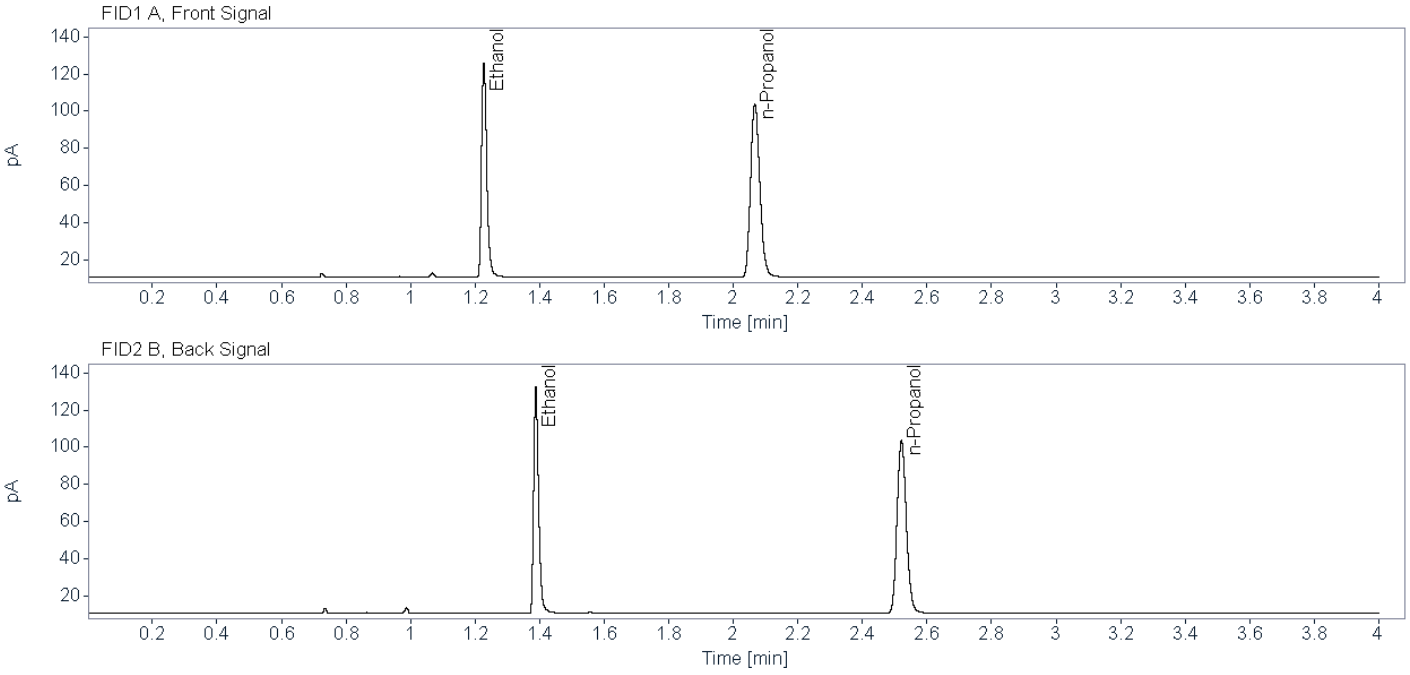
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0071 001_001 (25-0262) **Description:** Alq 1 **Sample Barcode** 25-0262 **Vial Number:** 28

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 4:50:35 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\028F2801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74045 | 1.227 | 1.225 | 129.8757 | 0.1241 |
| n-Propanol | 0.81994 | 2.067 | 2.066 | 187.1169 | 0.0100 |

**Name** FID2B

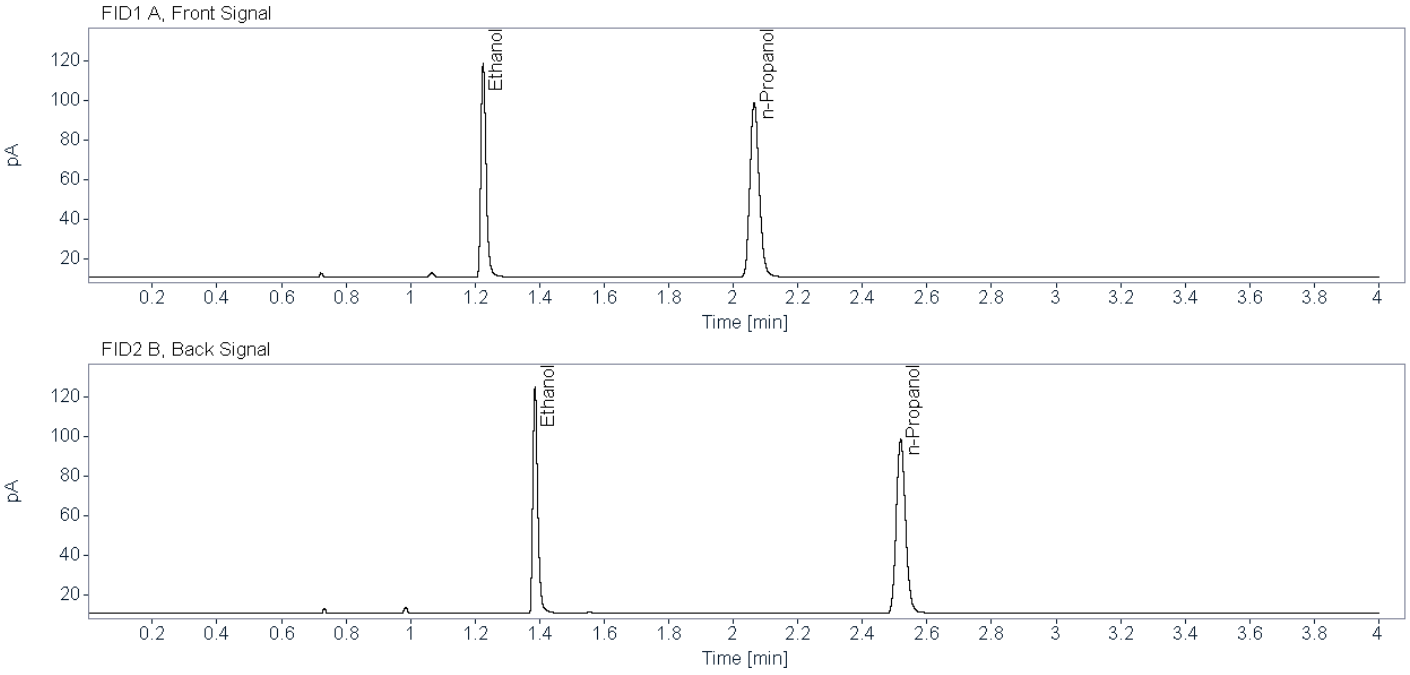
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72625 | 1.388 | 1.386 | 128.6433 | 0.1237 |
| n-Propanol | 0.85429 | 2.521 | 2.520 | 186.6689 | 0.0100 |

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

**Sample Name:** BCCL-25-0071 001_001 (25-0294) **Description:** Alq 2 **Sample Barcode** 25-0294 **Vial Number:** 60

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 7:37:00 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\060F6001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73374 | 1.225 | 1.225 | 121.1762 | 0.1226 |
| n-Propanol | 0.82470 | 2.065 | 2.066 | 176.7248 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72234 | 1.386 | 1.386 | 120.7519 | 0.1231 |
| n-Propanol | 0.85552 | 2.519 | 2.520 | 176.0235 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0089 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1492 | Aliquot 1: | 0.1494 |
| | Aliquot 2: | 0.1453 | Aliquot 2: | 0.1458 |

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

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

**Comments:**

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

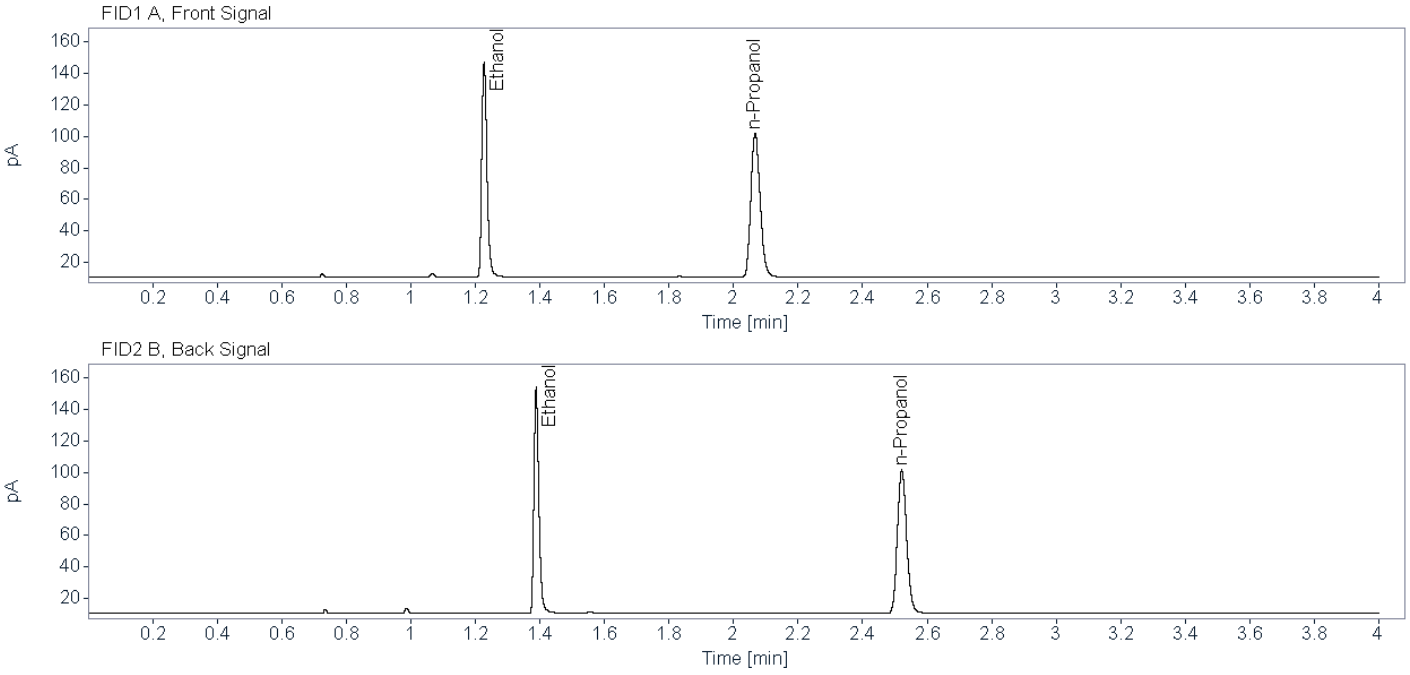
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0089 001_001 (25-0263) **Description:** Alq 1 **Sample Barcode** 25-0263 **Vial Number:** 29

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 4:56:15 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\029F2901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74297 | 1.227 | 1.225 | 152.7058 | 0.1492 |
| n-Propanol | 0.82551 | 2.067 | 2.066 | 182.7115 | 0.0100 |

**Name** FID2B

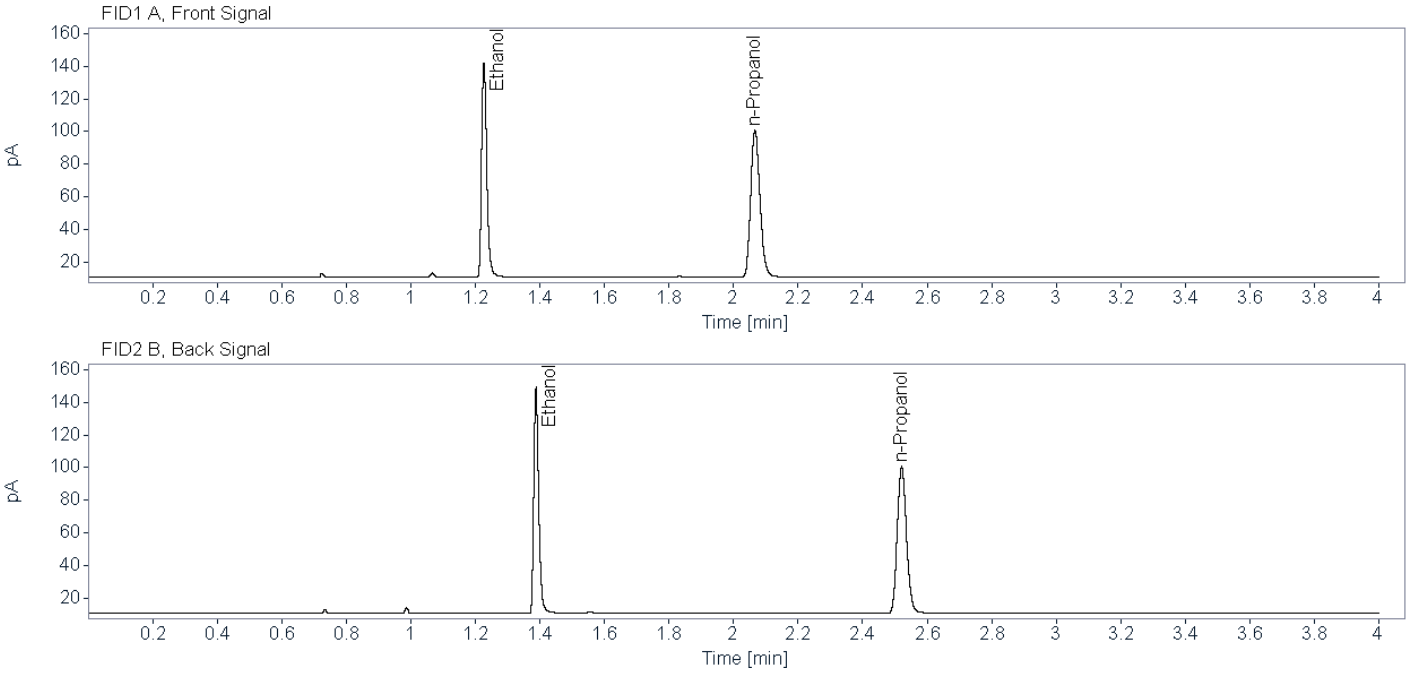
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73648 | 1.388 | 1.386 | 151.9735 | 0.1494 |
| n-Propanol | 0.85876 | 2.521 | 2.520 | 182.2385 | 0.0100 |

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

**Sample Name:** BCCL-25-0089 001_001 (25-0293) **Description:** Alq 2 **Sample Barcode** 25-0293 **Vial Number:** 59

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 7:32:16 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\059F5901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74453 | 1.227 | 1.225 | 147.1778 | 0.1453 |
| n-Propanol | 0.81801 | 2.067 | 2.066 | 180.8595 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73294 | 1.388 | 1.386 | 146.5223 | 0.1458 |
| n-Propanol | 0.85608 | 2.521 | 2.520 | 180.1368 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0093 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1608 | Aliquot 1: | 0.1612 |
| | Aliquot 2: | 0.1606 | Aliquot 2: | 0.1611 |

**Reported Result:** **0.160** **g/100 mL**

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

**Comments:**

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

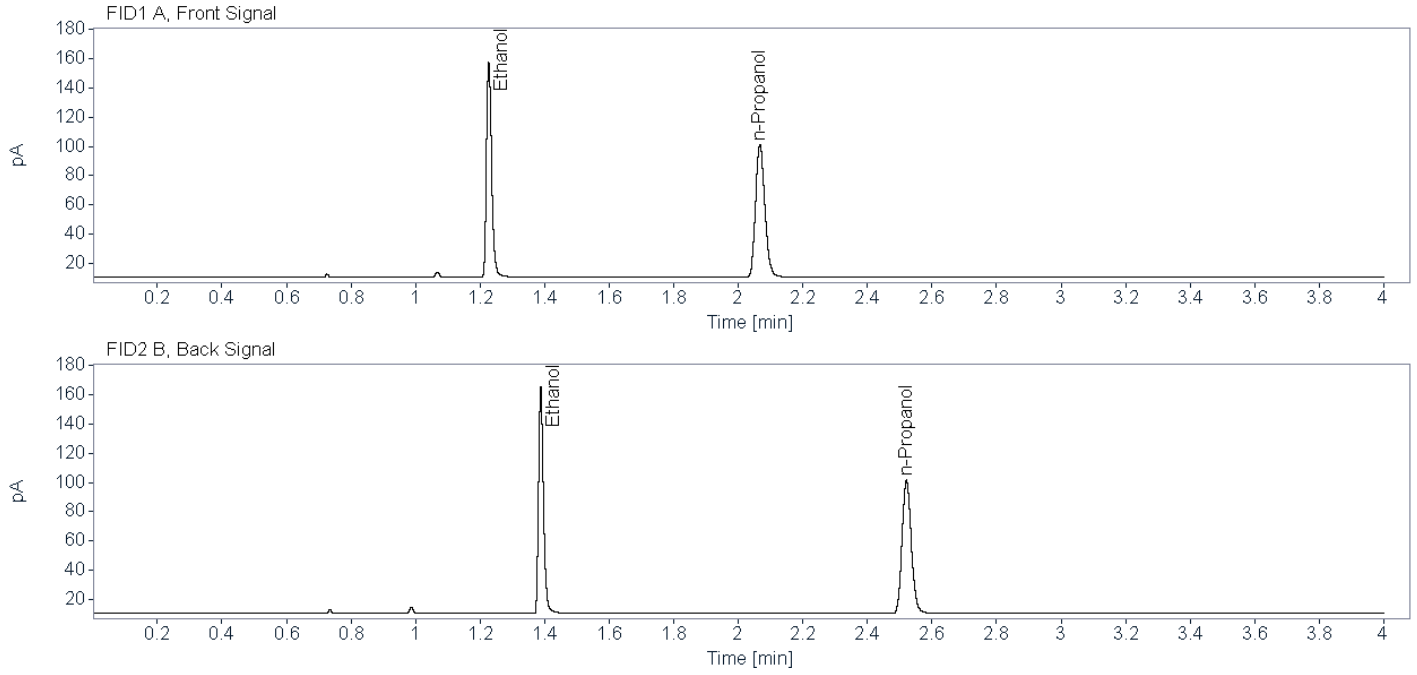
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0093 001_001 (25-0264) **Description:** Alq 1 **Sample Barcode** 25-0264 **Vial Number:** 30

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 5:00:59 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\030F3001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74487 | 1.227 | 1.225 | 164.2398 | 0.1608 |
| n-Propanol | 0.82022 | 2.067 | 2.066 | 182.2785 | 0.0100 |

**Name** FID2B

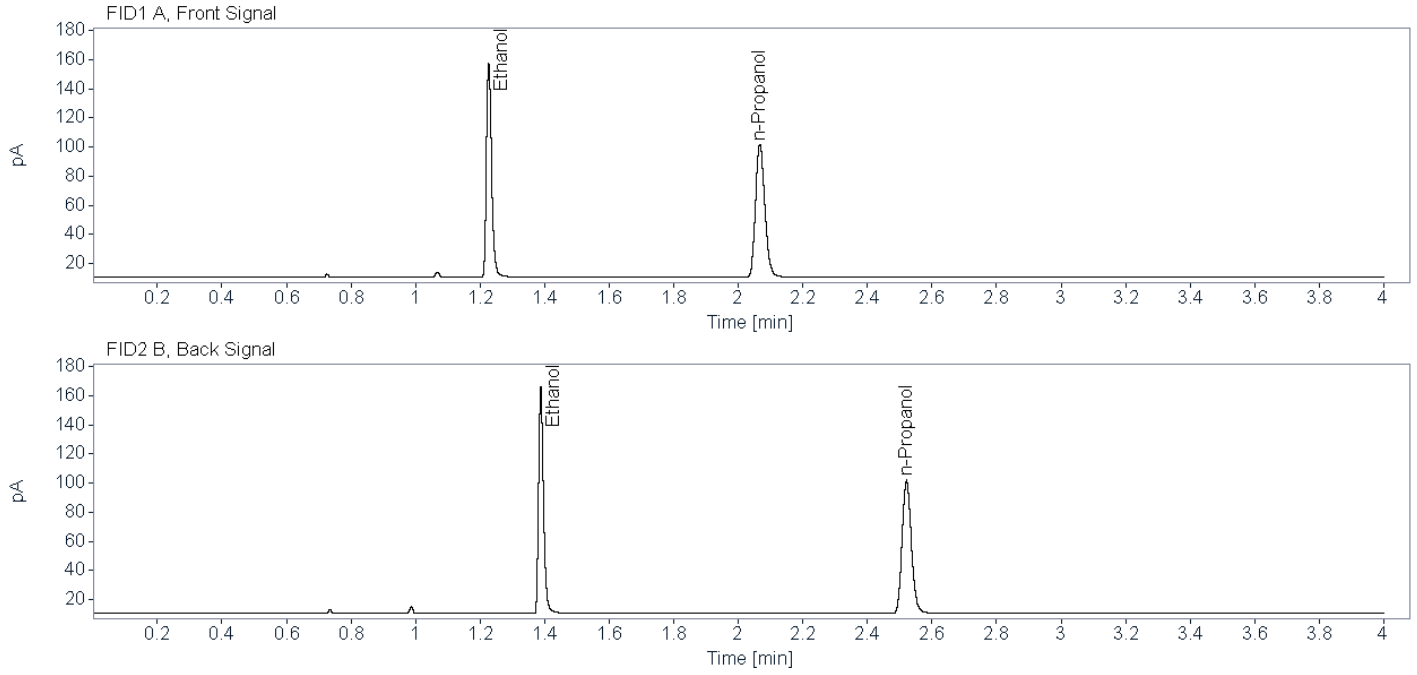
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75220 | 1.388 | 1.386 | 163.5124 | 0.1612 |
| n-Propanol | 0.85439 | 2.521 | 2.520 | 181.7007 | 0.0100 |

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

**Sample Name:** BCCL-25-0093 001_001 (25-0292) **Description:** Alq 2 **Sample Barcode** 25-0292 **Vial Number:** 58

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 7:26:35 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\058F5801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74054 | 1.227 | 1.225 | 164.9219 | 0.1606 |
| n-Propanol | 0.81528 | 2.067 | 2.066 | 183.2487 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75335 | 1.388 | 1.386 | 164.1569 | 0.1611 |
| n-Propanol | 0.84880 | 2.521 | 2.520 | 182.4923 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0100 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1702 | Aliquot 1: | 0.1703 |
| | Aliquot 2: | 0.1708 | Aliquot 2: | 0.1713 |

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

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

**Comments:**

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

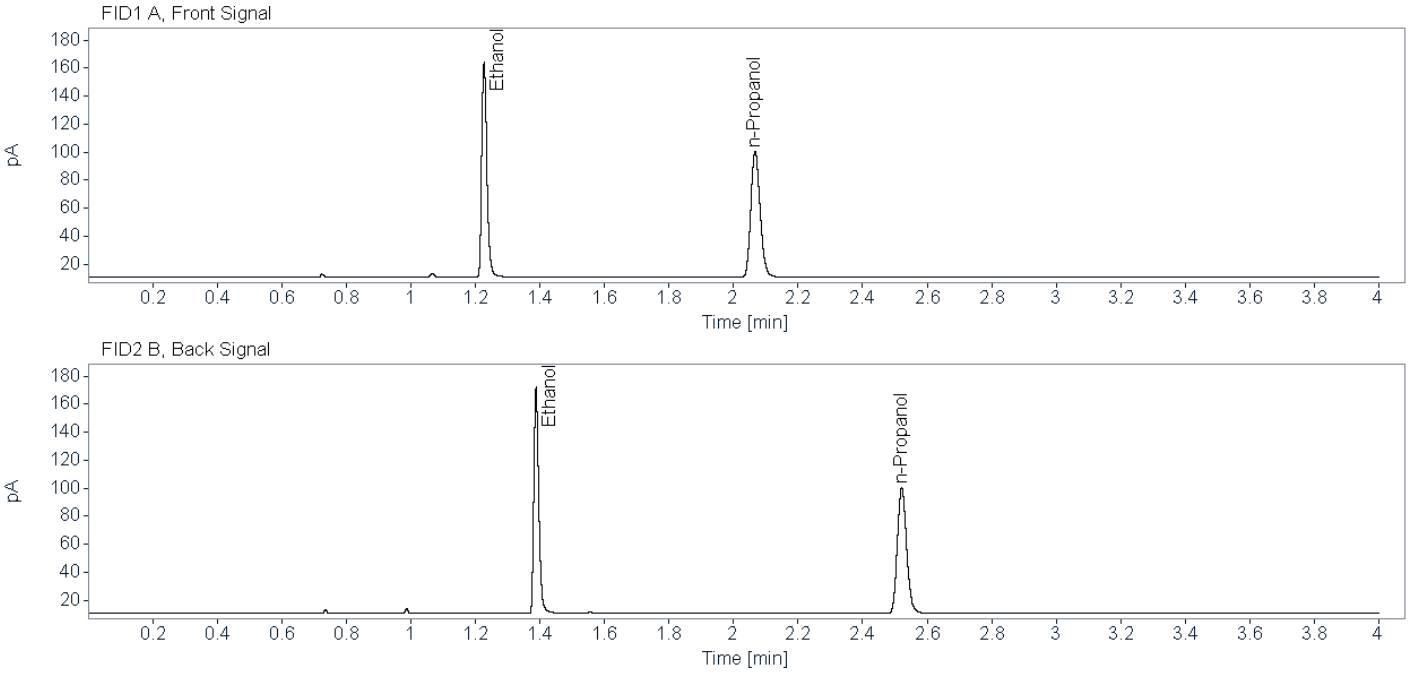
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0100 001_001 (25-0265) **Description:** Alq 1 **Sample Barcode** 25-0265 **Vial Number:** 31

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 5:06:40 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\031F3101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74469 | 1.227 | 1.225 | 171.6518 | 0.1702 |
| n-Propanol | 0.82448 | 2.067 | 2.066 | 179.9081 | 0.0100 |

**Name** FID2B

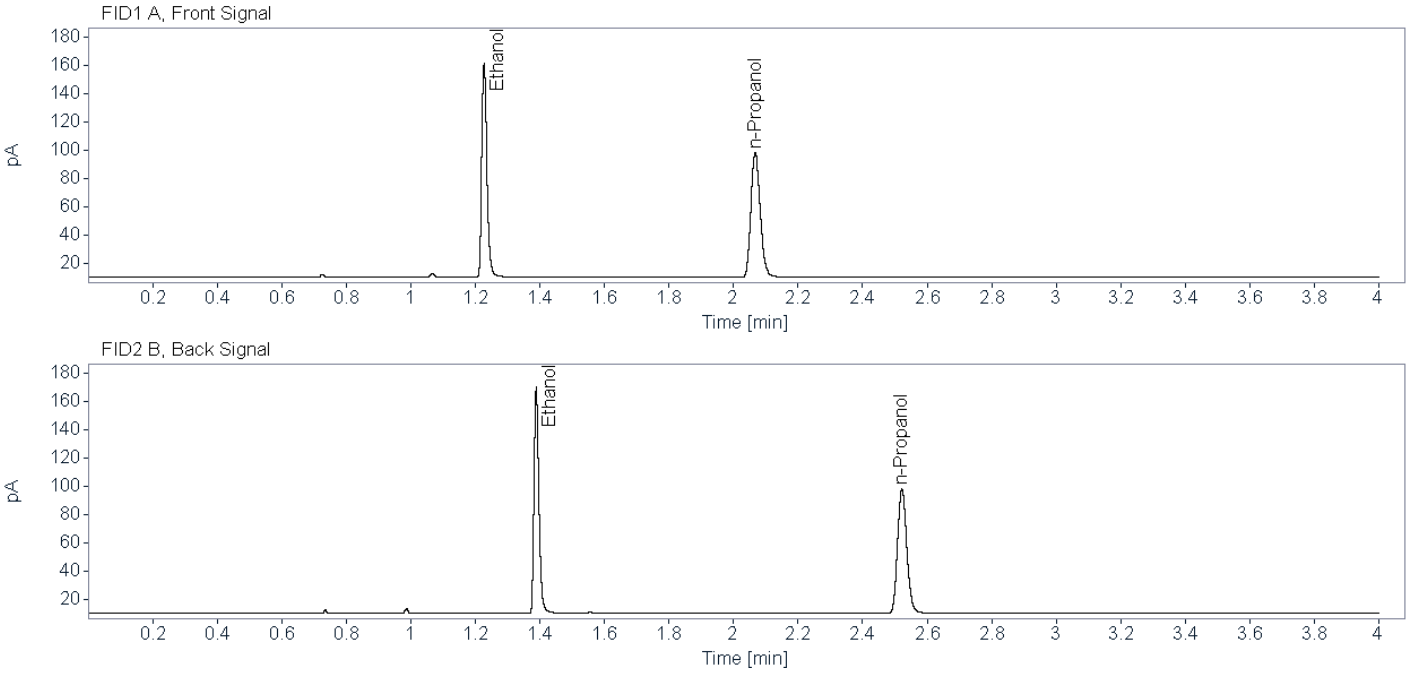
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74253 | 1.388 | 1.386 | 170.7735 | 0.1703 |
| n-Propanol | 0.85563 | 2.521 | 2.520 | 179.4859 | 0.0100 |

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

**Sample Name:** BCCL-25-0100 001_001 (25-0291) **Description:** Alq 2 **Sample Barcode** 25-0291 **Vial Number:** 57

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 7:21:53 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\057F5701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74428 | 1.227 | 1.225 | 168.8941 | 0.1708 |
| n-Propanol | 0.82371 | 2.067 | 2.066 | 176.3875 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74359 | 1.389 | 1.386 | 168.1580 | 0.1713 |
| n-Propanol | 0.83609 | 2.522 | 2.520 | 175.7442 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0101 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1230 | Aliquot 1: | 0.1232 |
| | Aliquot 2: | 0.1234 | Aliquot 2: | 0.1237 |

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

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

**Comments:**

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

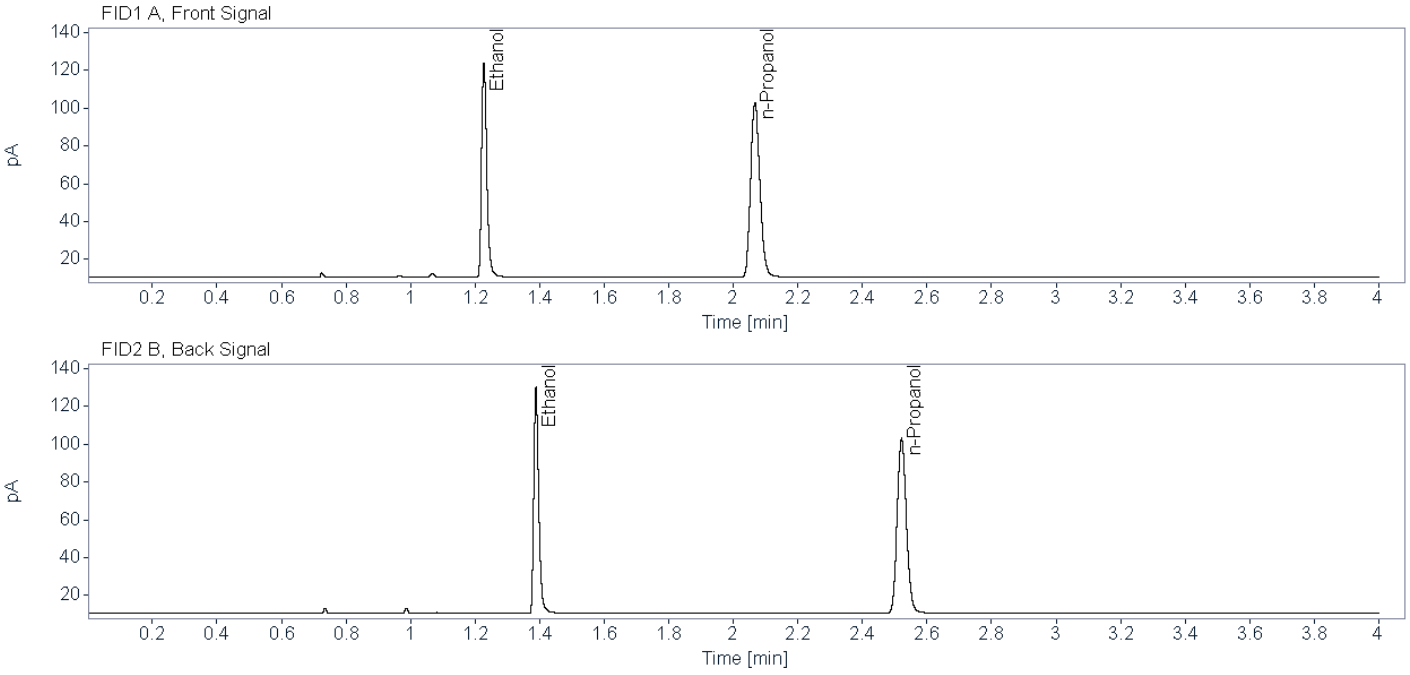
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0101 001_001 (25-0266) **Description:** Alq 1 **Sample Barcode** 25-0266 **Vial Number:** 32

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 5:11:23 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\032F3201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74272 | 1.227 | 1.225 | 127.4947 | 0.1230 |
| n-Propanol | 0.82003 | 2.067 | 2.066 | 185.2949 | 0.0100 |

**Name** FID2B

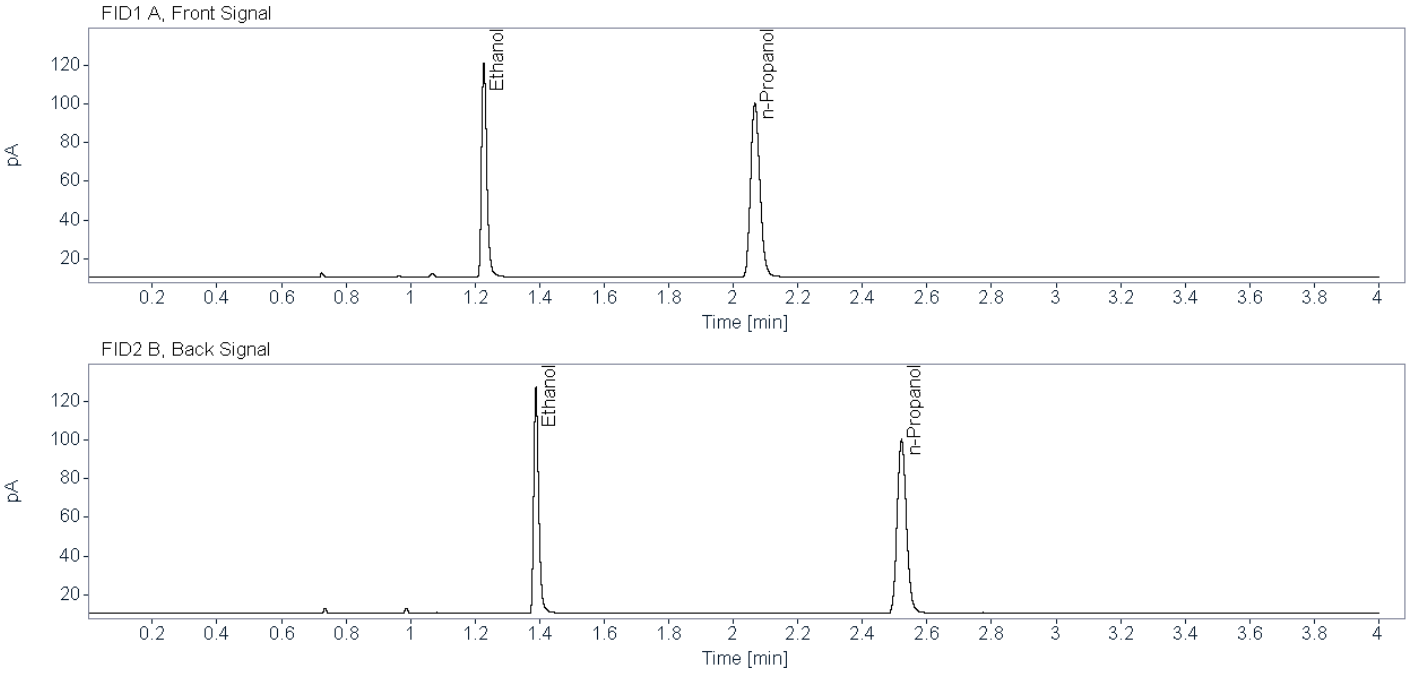
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72623 | 1.389 | 1.386 | 126.8487 | 0.1232 |
| n-Propanol | 0.85658 | 2.521 | 2.520 | 184.7876 | 0.0100 |

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

**Sample Name:** BCCL-25-0101 001_001 (25-0290) **Description:** Alq 2 **Sample Barcode** 25-0290 **Vial Number:** 56

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 7:16:11 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\056F5601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73831 | 1.227 | 1.225 | 124.3552 | 0.1234 |
| n-Propanol | 0.81387 | 2.067 | 2.066 | 180.1951 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72448 | 1.389 | 1.386 | 123.7524 | 0.1237 |
| n-Propanol | 0.85083 | 2.521 | 2.520 | 179.5537 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0104 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1435 | Aliquot 1: | 0.1438 |
| | Aliquot 2: | 0.1456 | Aliquot 2: | 0.1458 |

**Reported Result: 0.144 g/100 mL**

**Reported UM: 0.023 g/100 mL**

**Comments:**

Previously analyzed in BAC_20250205_KB -KB 2/25/2025

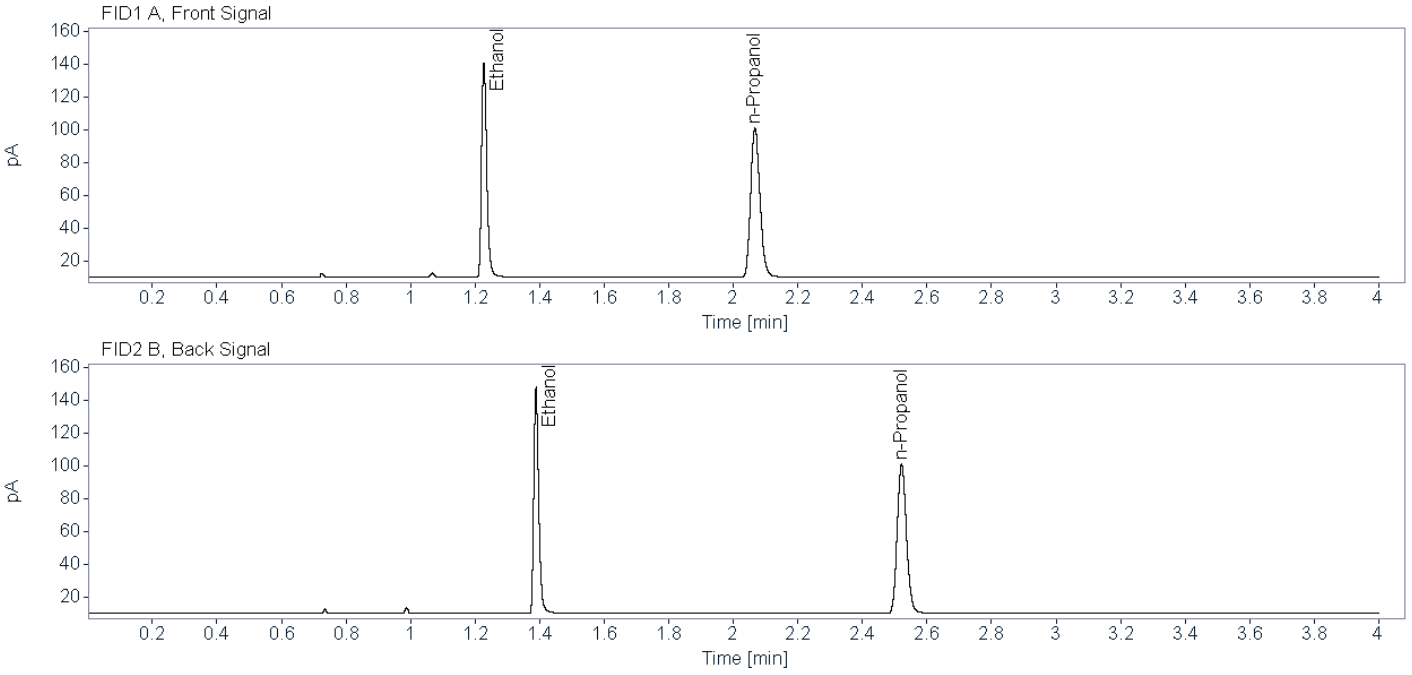
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0104 001_001 (25-0268) **Description:** Alq 1 **Sample Barcode** 25-0268 **Vial Number:** 34

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 5:21:47 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\034F3401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74678 | 1.227 | 1.225 | 146.4192 | 0.1435 |
| n-Propanol | 0.81842 | 2.067 | 2.066 | 182.2179 | 0.0100 |

**Name** FID2B

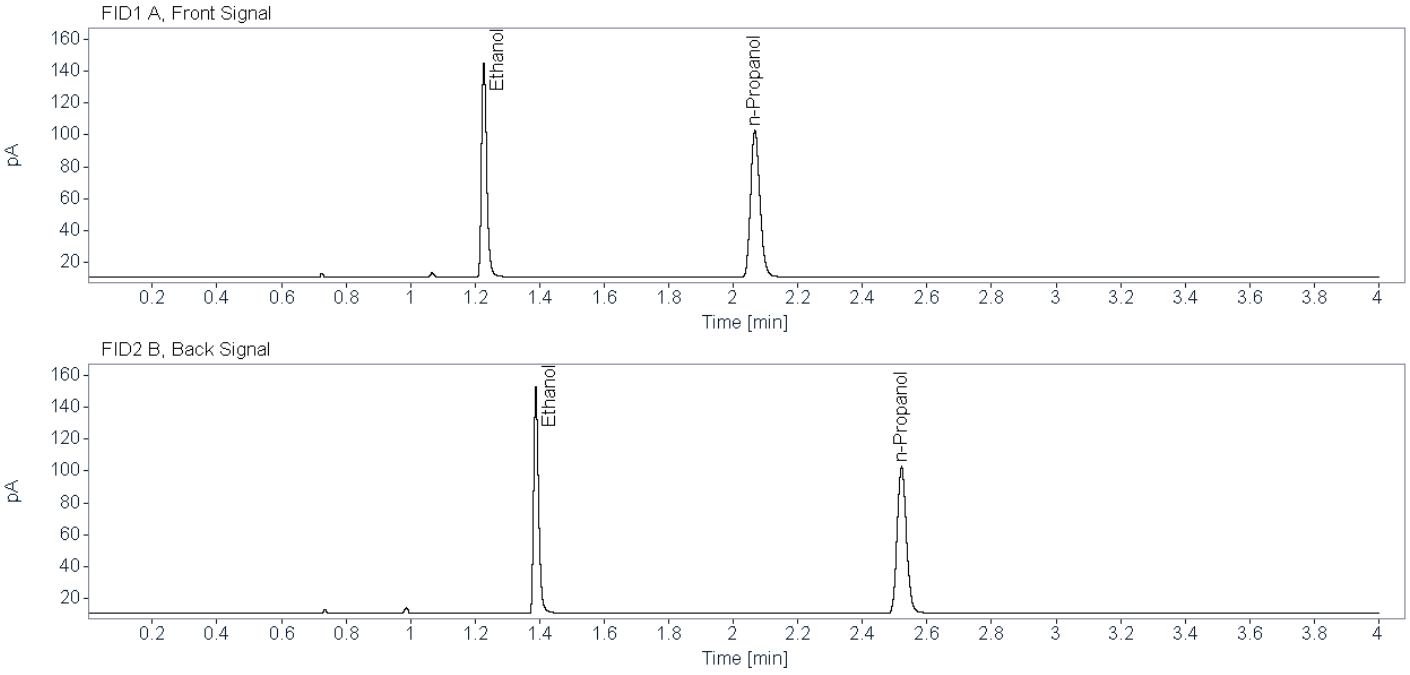
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73328 | 1.389 | 1.386 | 145.8104 | 0.1438 |
| n-Propanol | 0.85638 | 2.522 | 2.520 | 181.7745 | 0.0100 |

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

**Sample Name:** BCCL-25-0104 001_001 (25-0288) **Description:** Alq 2 **Sample Barcode** 25-0288 **Vial Number:** 54

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 7:05:47 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\054F5401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74199 | 1.227 | 1.225 | 150.9634 | 0.1456 |
| n-Propanol | 0.81696 | 2.067 | 2.066 | 185.0970 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73229 | 1.388 | 1.386 | 150.0311 | 0.1458 |
| n-Propanol | 0.85542 | 2.521 | 2.520 | 184.3501 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0130 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1789 | Aliquot 1: | 0.1792 |
| | Aliquot 2: | 0.1720 | Aliquot 2: | 0.1721 |

**Reported Result:** **0.175** **g/100 mL**

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

**Comments:**

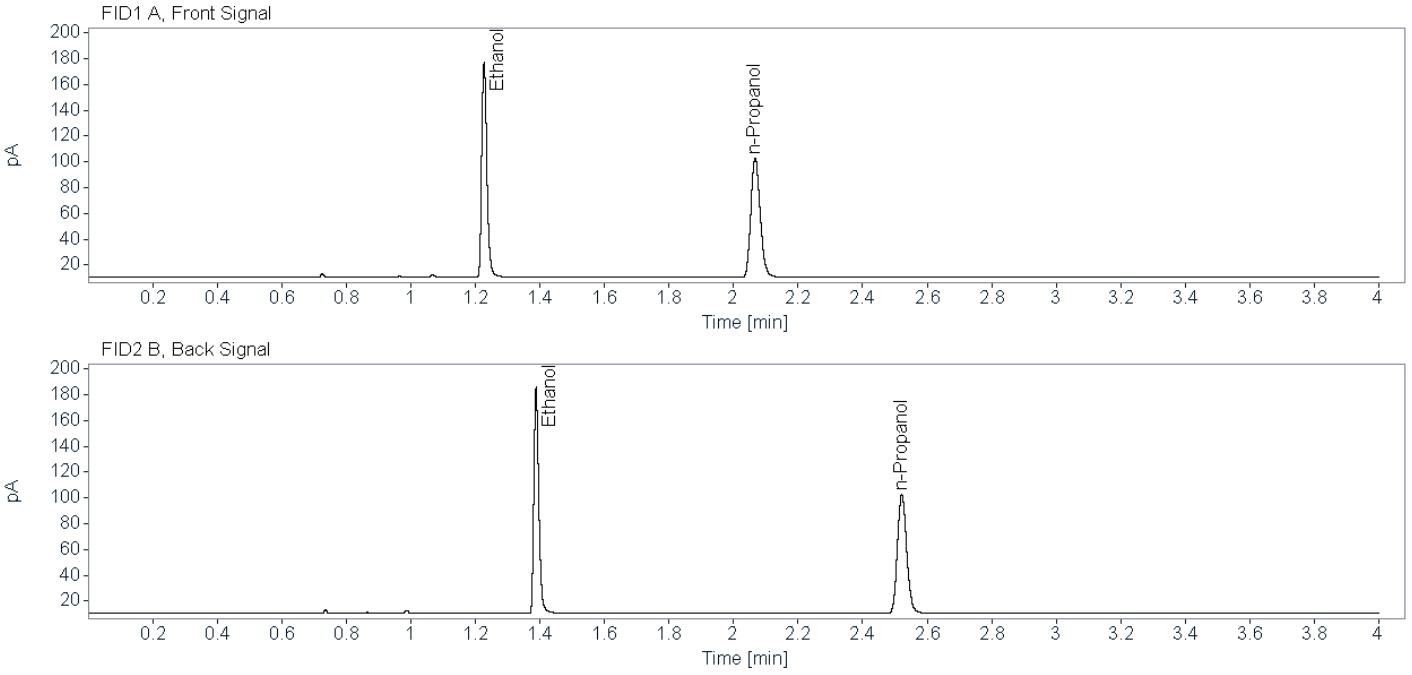
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0130 001_001 (25-0269) **Description:** Alq 1 **Sample Barcode** 25-0269 **Vial Number:** 35

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 5:27:28 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\035F3501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76497 | 1.227 | 1.225 | 185.9803 | 0.1789 |
| n-Propanol | 0.82616 | 2.067 | 2.066 | 185.4173 | 0.0100 |

**Name** FID2B

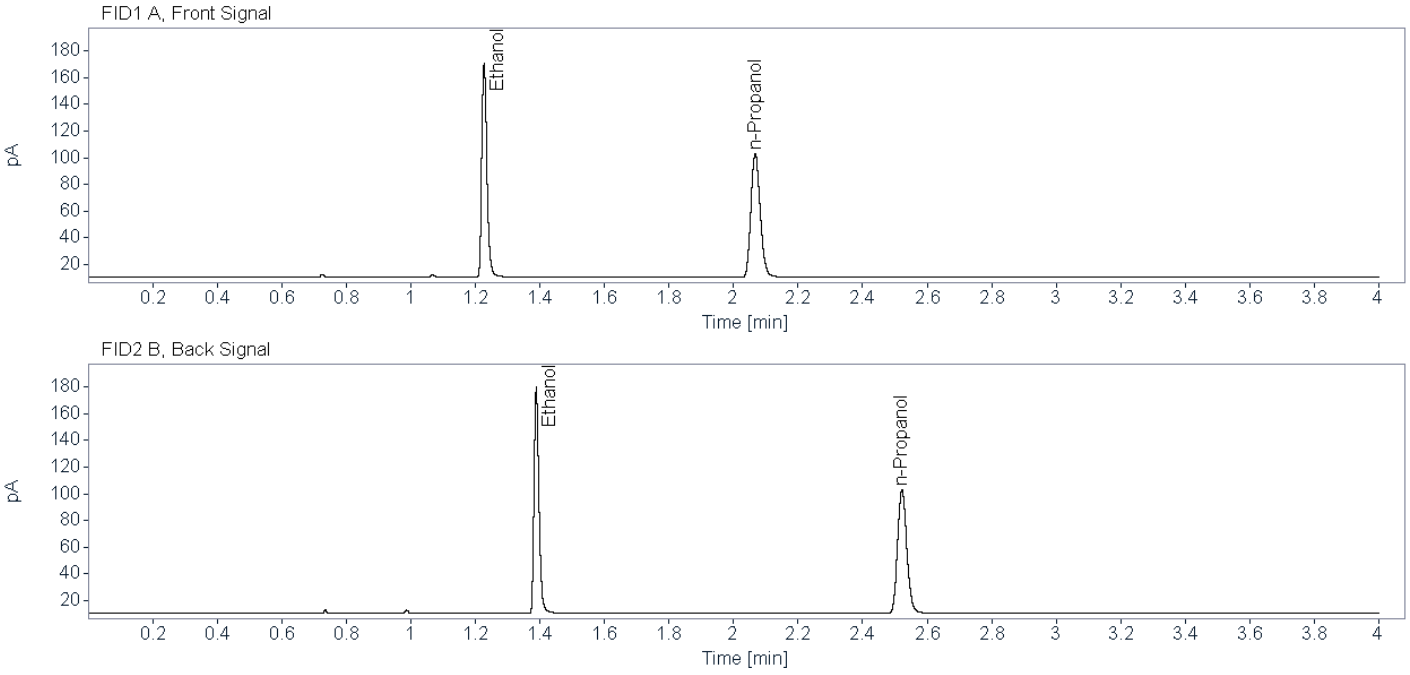
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74678 | 1.388 | 1.386 | 185.2143 | 0.1792 |
| n-Propanol | 0.85938 | 2.521 | 2.520 | 184.9219 | 0.0100 |

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

**Sample Name:** BCCL-25-0130 001_001 (25-0287) **Description:** Alq 2 **Sample Barcode** 25-0287 **Vial Number:** 53

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 7:01:04 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\053F5301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74693 | 1.227 | 1.225 | 179.0619 | 0.1720 |
| n-Propanol | 0.82701 | 2.067 | 2.066 | 185.6365 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73688 | 1.389 | 1.386 | 177.9096 | 0.1721 |
| n-Propanol | 0.84276 | 2.522 | 2.520 | 185.0013 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0131 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2266 | Aliquot 1: | 0.2269 |
| | Aliquot 2: | 0.2618 | Aliquot 2: | 0.2618 |

-KB 2/25/2025

**Reported Result:** ~~0.244~~ **g/100 mL**

**Reported UM:** **0.039** **g/100 mL**

**Comments:**

FID 1 and FID 2 values outside 5% of the average, this case will be repeated - KB 2/25/2025

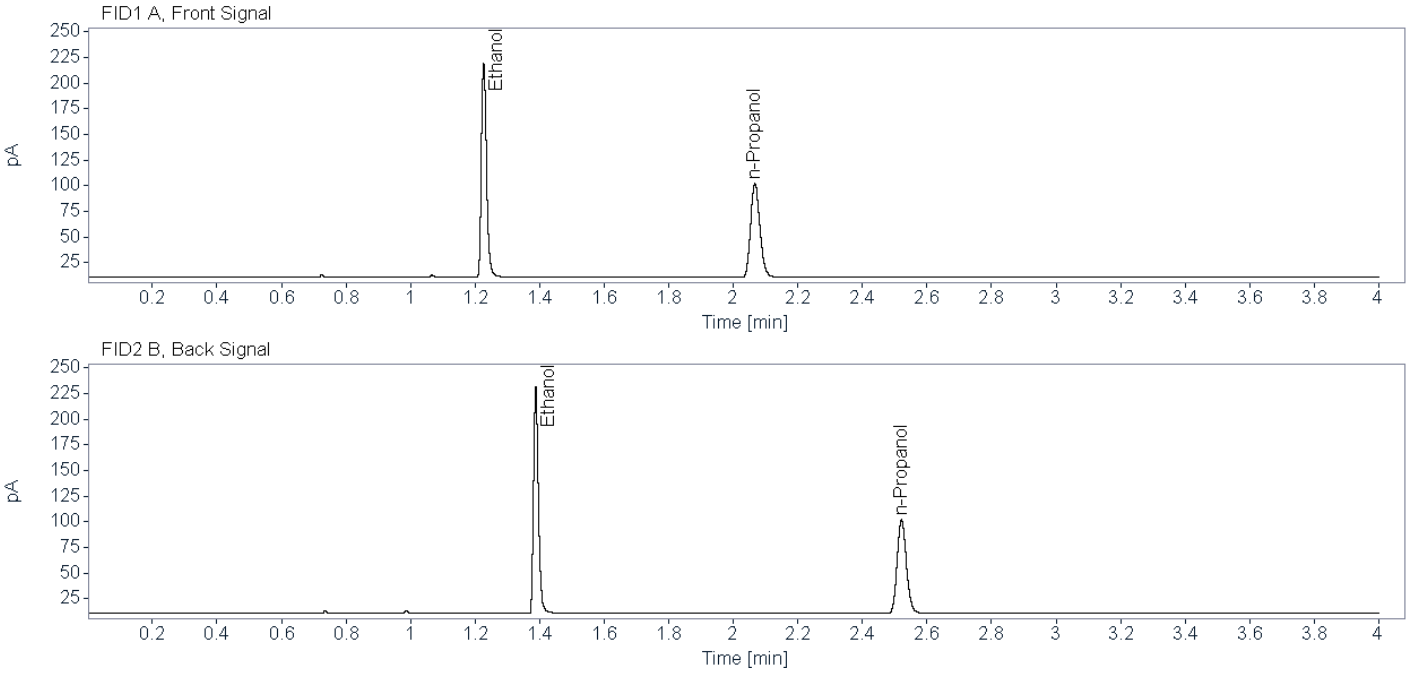
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0131 001_001 (25-0270) **Description:** Alq 1 **Sample Barcode** 25-0270 **Vial Number:** 36

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 5:32:11 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\036F3601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75754 | 1.227 | 1.225 | 233.4623 | 0.2266 |
| n-Propanol | 0.82110 | 2.067 | 2.066 | 183.4823 | 0.0100 |

**Name** FID2B

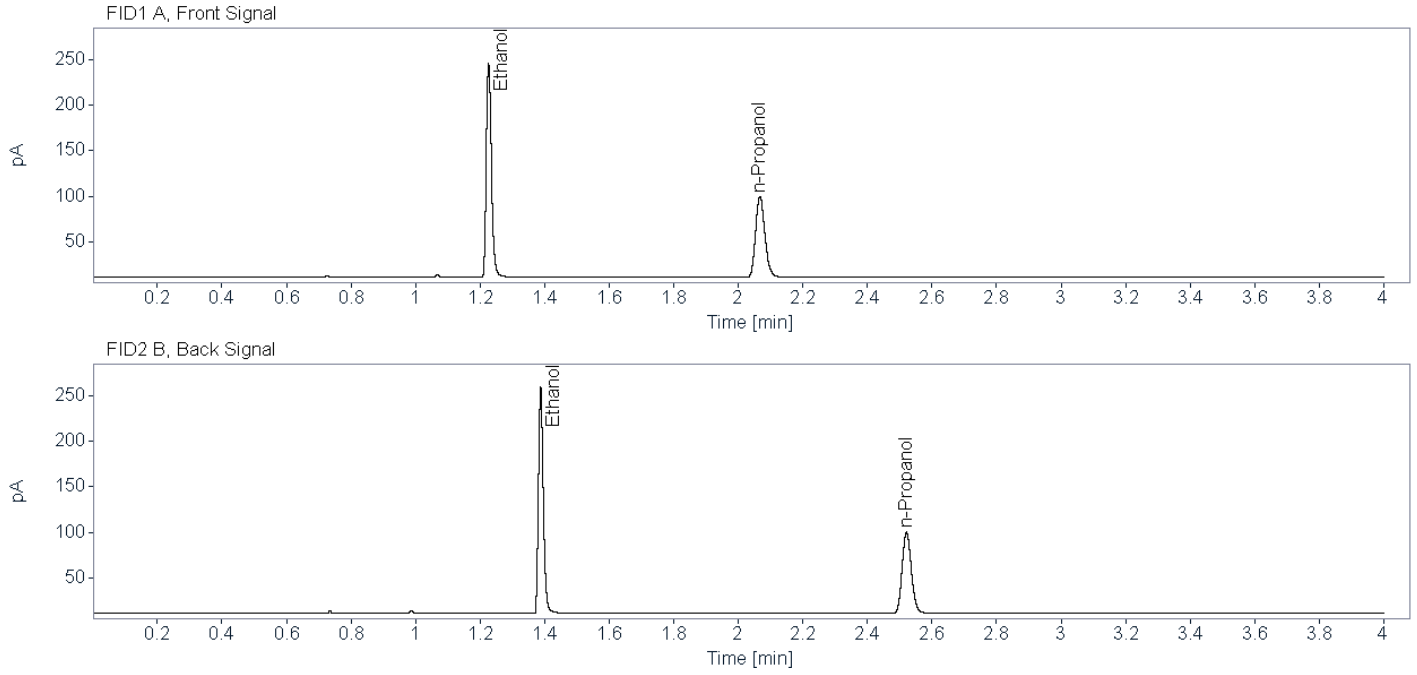
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77552 | 1.388 | 1.386 | 232.1074 | 0.2269 |
| n-Propanol | 0.85725 | 2.521 | 2.520 | 182.8422 | 0.0100 |

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

**Sample Name:** BCCL-25-0131 001_001 (25-0286) **Description:** Alq 2 **Sample Barcode** 25-0286 **Vial Number:** 52

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 6:55:24 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\052F5201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77168 | 1.226 | 1.225 | 263.6244 | 0.2618 |
| n-Propanol | 0.81741 | 2.067 | 2.066 | 179.1997 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78180 | 1.388 | 1.386 | 261.6839 | 0.2618 |
| n-Propanol | 0.85214 | 2.521 | 2.520 | 178.5172 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0140 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1619 | Aliquot 1: | 0.1621 |
| | Aliquot 2: | 0.1673 | Aliquot 2: | 0.1678 |

**Reported Result: 0.164 g/100 mL**

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

**Comments:**

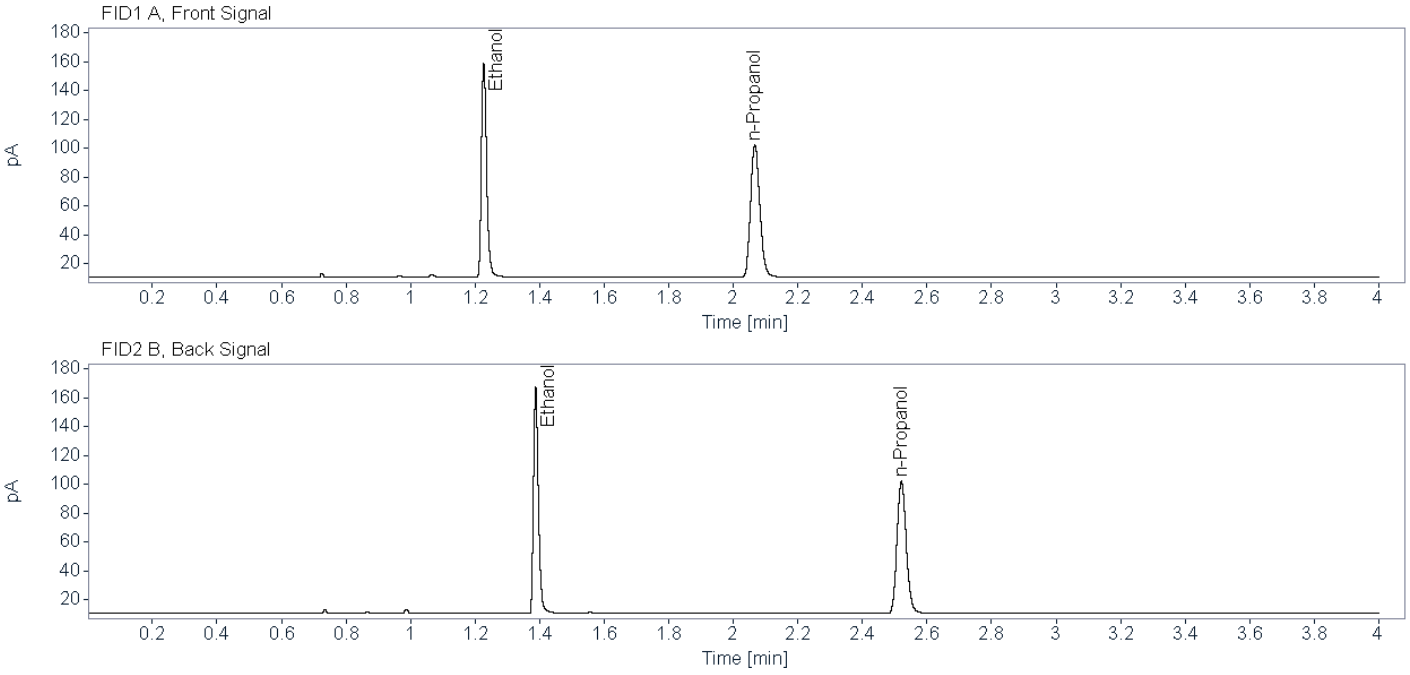
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0140 001_001 (25-0271) **Description:** Alq 1 **Sample Barcode** 25-0271 **Vial Number:** 37

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 5:37:52 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\037F3701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74254 | 1.227 | 1.225 | 166.6141 | 0.1619 |
| n-Propanol | 0.81774 | 2.067 | 2.066 | 183.5720 | 0.0100 |

**Name** FID2B

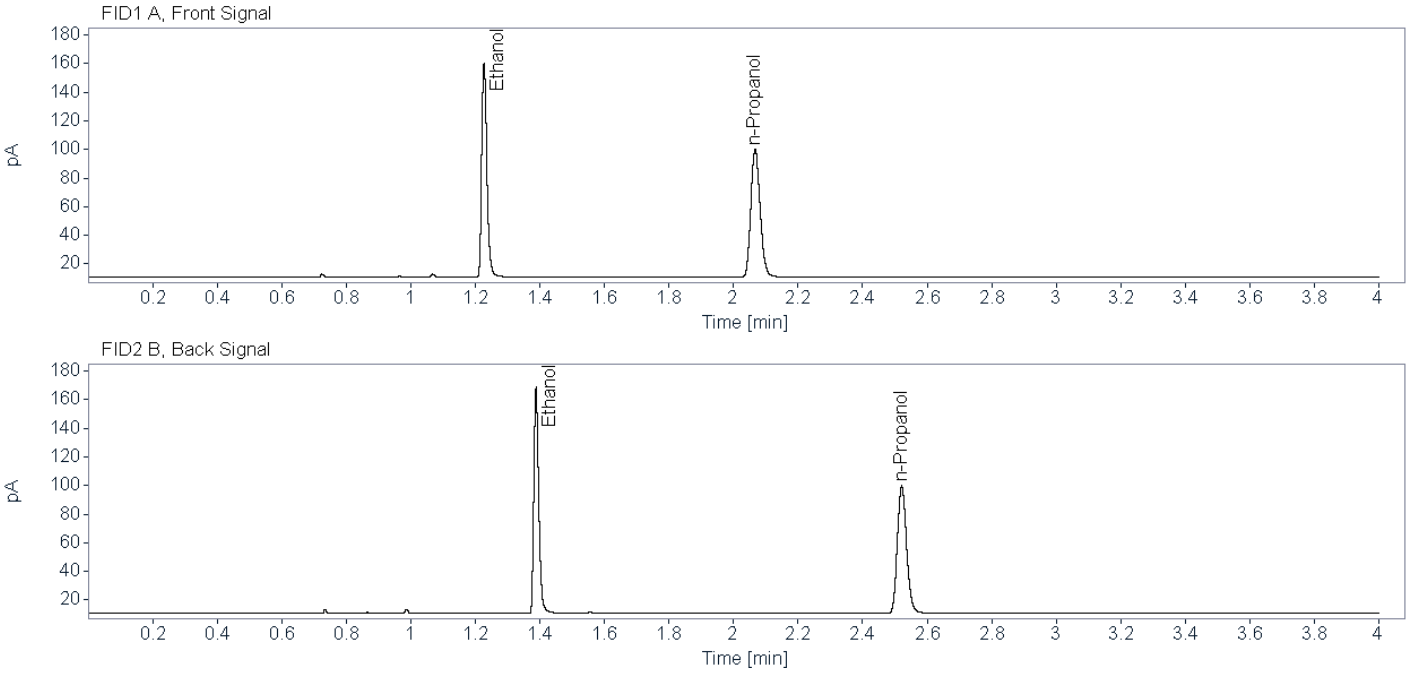
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74870 | 1.388 | 1.386 | 165.7753 | 0.1621 |
| n-Propanol | 0.85617 | 2.521 | 2.520 | 183.1032 | 0.0100 |

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

**Sample Name:** BCCL-25-0140 001_001 (25-0285) **Description:** Alq 2 **Sample Barcode** 25-0285 **Vial Number:** 51

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 6:50:40 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\051F5101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75769 | 1.227 | 1.225 | 167.9949 | 0.1673 |
| n-Propanol | 0.82366 | 2.067 | 2.066 | 179.1328 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73978 | 1.388 | 1.386 | 167.3549 | 0.1678 |
| n-Propanol | 0.85140 | 2.521 | 2.520 | 178.5353 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0143 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2349 | Aliquot 1: | 0.2347 |
| | Aliquot 2: | 0.2353 | Aliquot 2: | 0.2356 |

**Reported Result: 0.235 g/100 mL**

**Reported UM: 0.038 g/100 mL**

**Comments:**

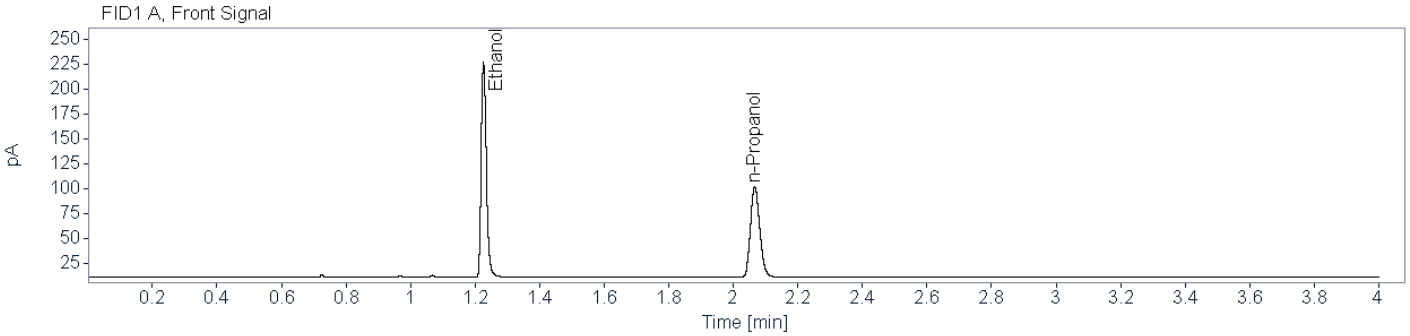
**Total Number of Printed Examination Pages:** 0

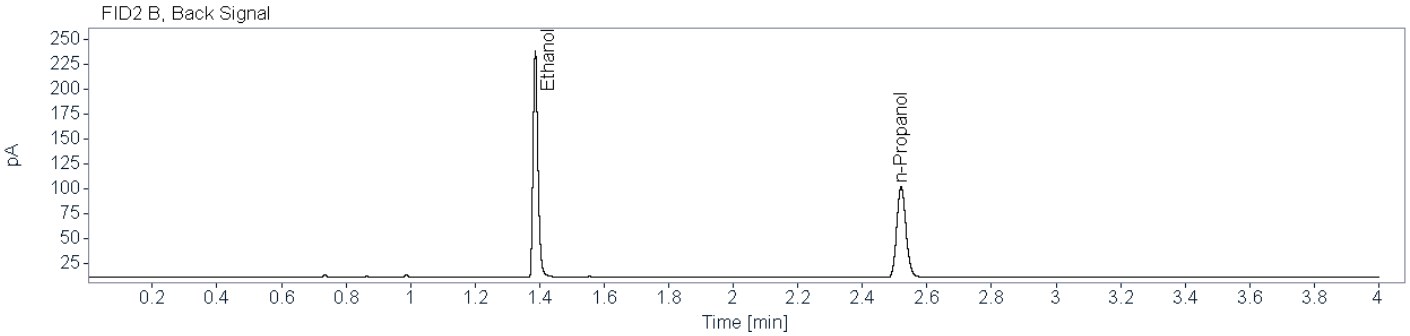
# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-25-0143 001_001 (25-0272) **Description:** Alq 1 **Sample Barcode** 25-0272 **Vial Number:** 38

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 5:42:35 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\038F3801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76414 | 1.226 | 1.225 | 241.5843 | 0.2349 |
| n-Propanol | 0.81812 | 2.067 | 2.066 | 183.1112 | 0.0100 |

**Name** FID2B

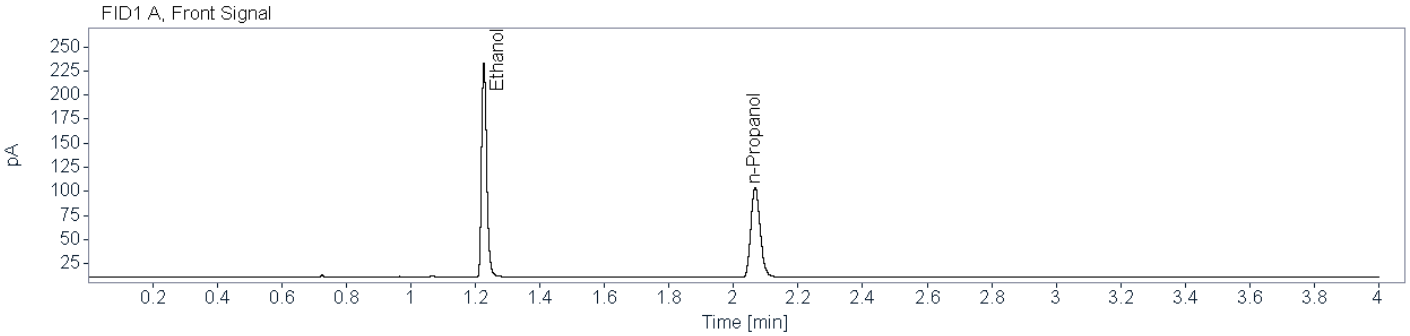
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75194 | 1.387 | 1.386 | 239.7393 | 0.2347 |
| n-Propanol | 0.84196 | 2.520 | 2.520 | 182.5416 | 0.0100 |

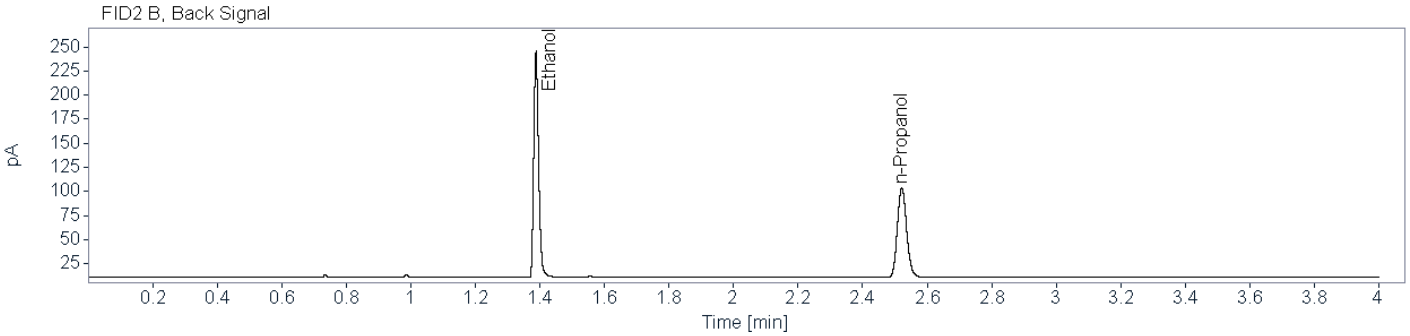
# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-25-0143 001_001 (25-0284) **Description:** Alq 2 **Sample Barcode** 25-0284 **Vial Number:** 50

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 6:44:59 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\050F5001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76905 | 1.227 | 1.225 | 248.1096 | 0.2353 |
| n-Propanol | 0.82699 | 2.067 | 2.066 | 187.7254 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76473 | 1.388 | 1.386 | 246.7973 | 0.2356 |
| n-Propanol | 0.85883 | 2.521 | 2.520 | 187.1851 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0144 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2798 | Aliquot 1: | 0.2798 |
| | Aliquot 2: | 0.2897 | Aliquot 2: | 0.2903 |

**Reported Result: 0.284 g/100 mL**

**Reported UM: 0.046 g/100 mL**

**Comments:**

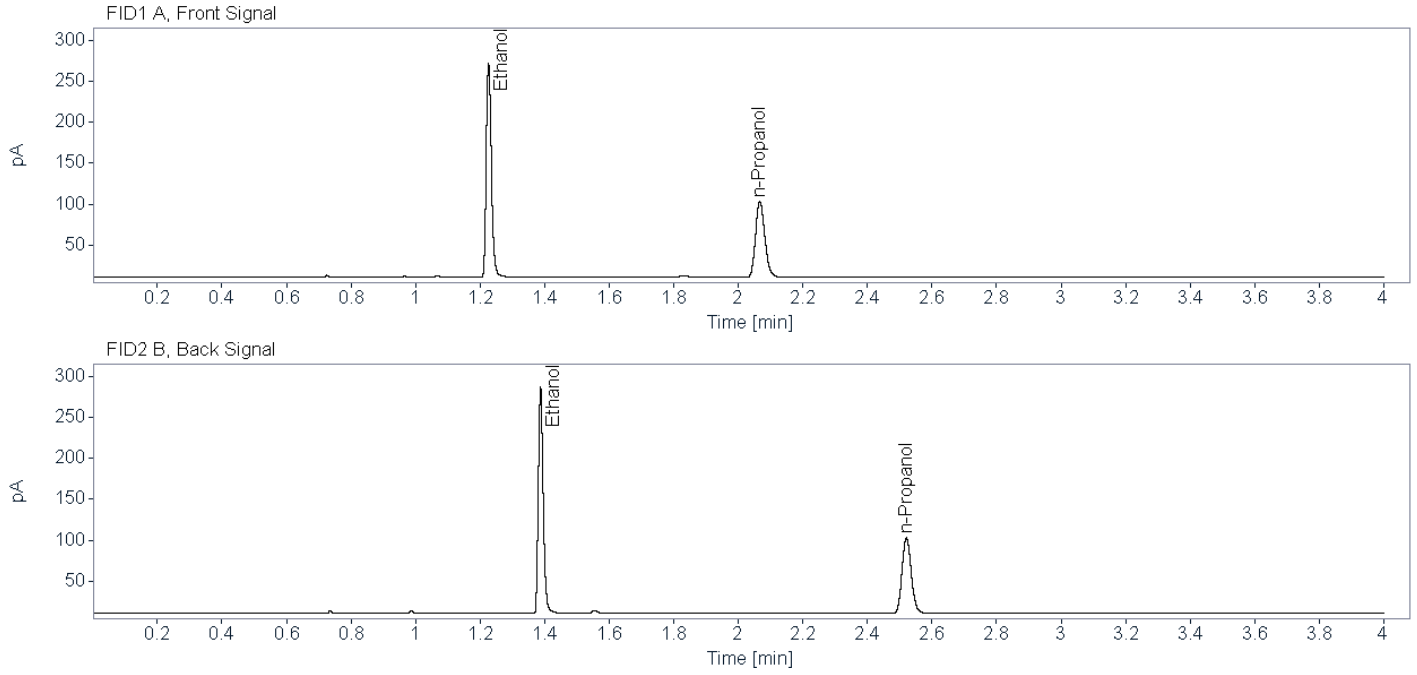
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0144 001_001 (25-0273) **Description:** Alq 1 **Sample Barcode** 25-0273 **Vial Number:** 39

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 5:48:15 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\039F3901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77623 | 1.226 | 1.225 | 291.6786 | 0.2798 |
| n-Propanol | 0.81940 | 2.067 | 2.066 | 185.5268 | 0.0100 |

**Name** FID2B

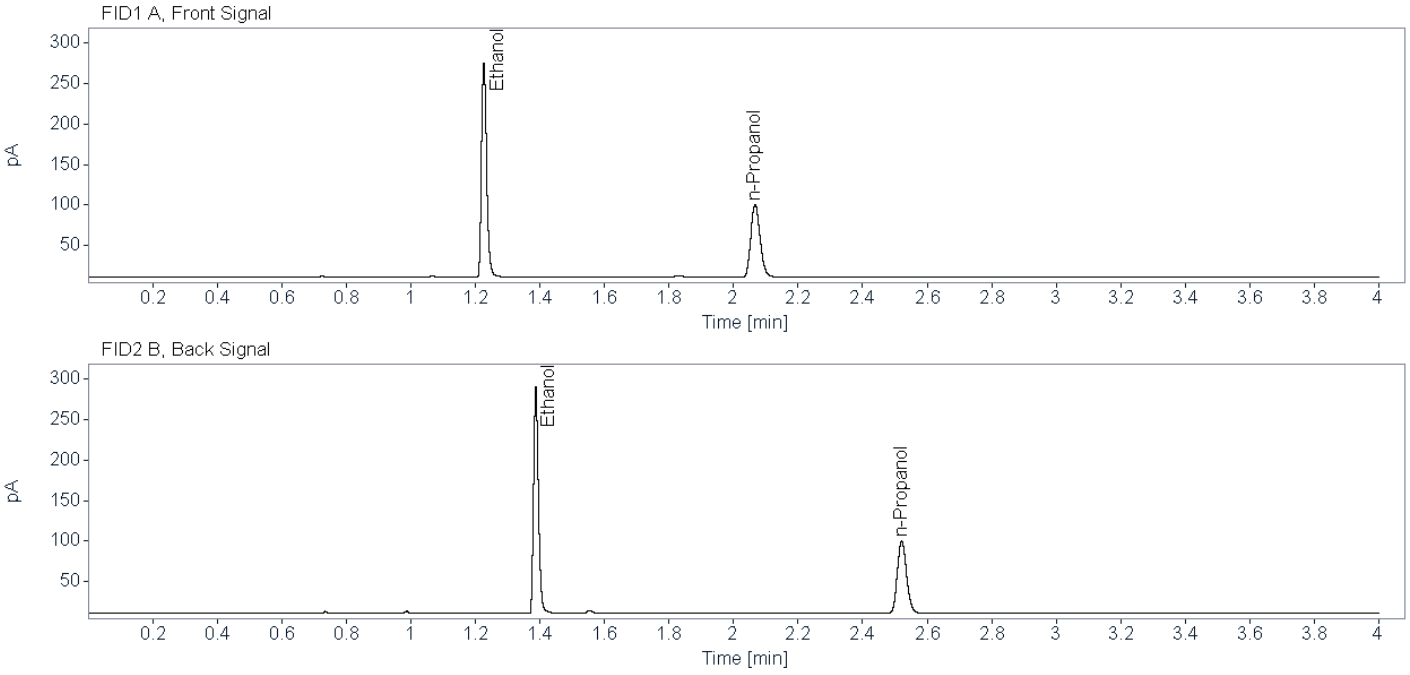
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78276 | 1.387 | 1.386 | 289.4805 | 0.2798 |
| n-Propanol | 0.85364 | 2.521 | 2.520 | 184.7327 | 0.0100 |

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

**Sample Name:** BCCL-25-0144 001_001 (25-0283) **Description:** Alq 2 **Sample Barcode** 25-0283 **Vial Number:** 49

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 6:40:16 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\049F4901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77184 | 1.226 | 1.225 | 295.0202 | 0.2897 |
| n-Propanol | 0.82239 | 2.067 | 2.066 | 181.1577 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77529 | 1.387 | 1.386 | 293.0581 | 0.2903 |
| n-Propanol | 0.85793 | 2.521 | 2.520 | 180.2600 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0161 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0693 | Aliquot 1: | 0.0695 |
| | Aliquot 2: | 0.0687 | Aliquot 2: | 0.0690 |

**Reported Result:** **0.069** **g/100 mL**

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

**Comments:**

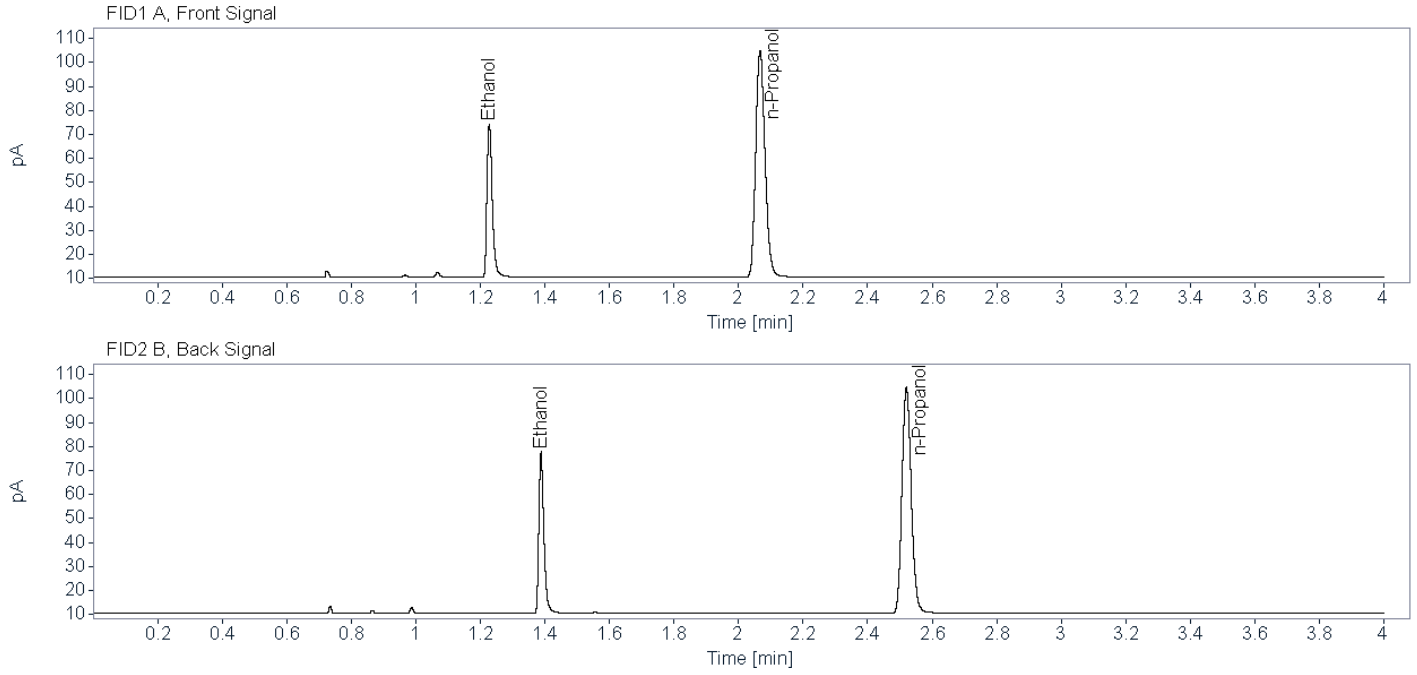
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0161 001_001 (25-0274) **Description:** Alq 1 **Sample Barcode** 25-0274 **Vial Number:** 40

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 5:52:58 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\040F4001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71587 | 1.228 | 1.225 | 72.8451 | 0.0693 |
| n-Propanol | 0.82453 | 2.067 | 2.066 | 189.2125 | 0.0100 |

**Name** FID2B

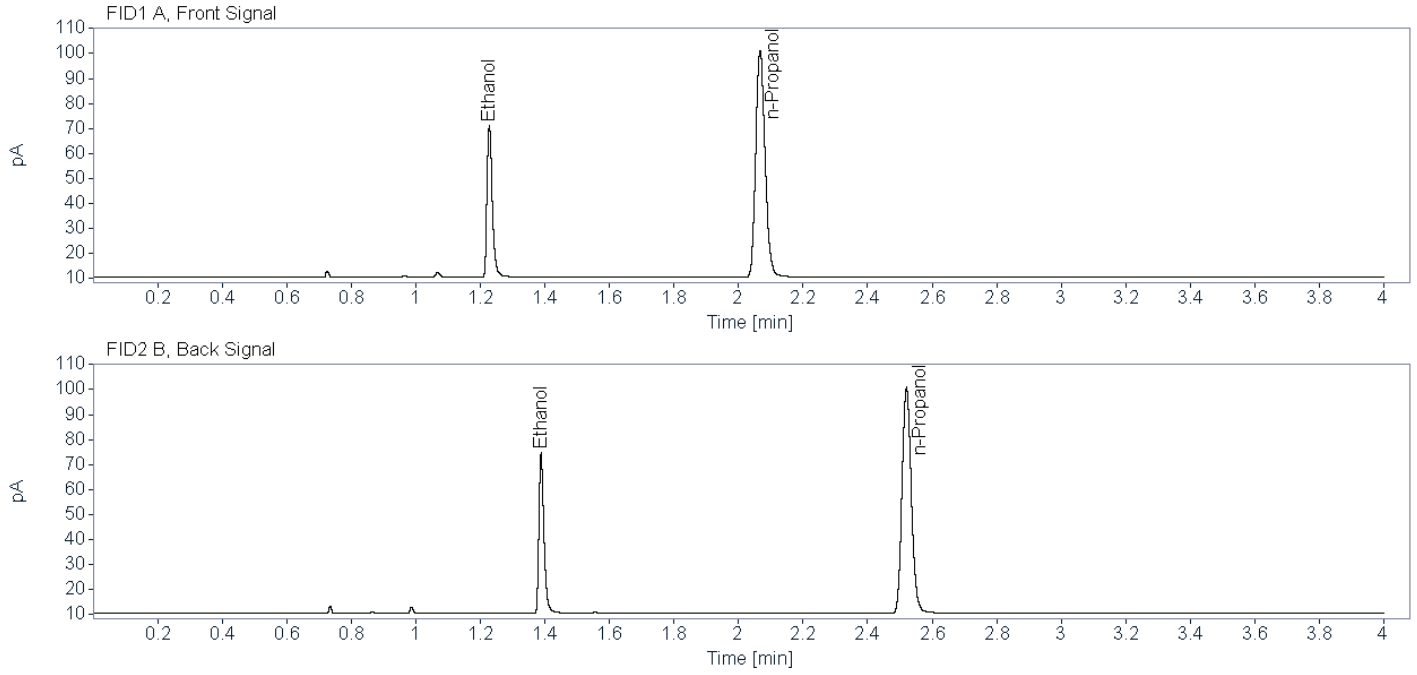
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69483 | 1.388 | 1.386 | 72.5953 | 0.0695 |
| n-Propanol | 0.85120 | 2.520 | 2.520 | 188.6791 | 0.0100 |

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

**Sample Name:** BCCL-25-0161 001_001 (25-0282) **Description:** Alq 2 **Sample Barcode** 25-0282 **Vial Number:** 48

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 6:34:35 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\048F4801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71493 | 1.228 | 1.225 | 69.4027 | 0.0687 |
| n-Propanol | 0.82230 | 2.067 | 2.066 | 181.8341 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69360 | 1.388 | 1.386 | 69.2315 | 0.0690 |
| n-Propanol | 0.85175 | 2.520 | 2.520 | 181.2434 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0162 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1960 | Aliquot 1: | 0.1963 |
| | Aliquot 2: | 0.1934 | Aliquot 2: | 0.1939 |

**Reported Result: 0.194 g/100 mL**

**Reported UM: 0.031 g/100 mL**

**Comments:**

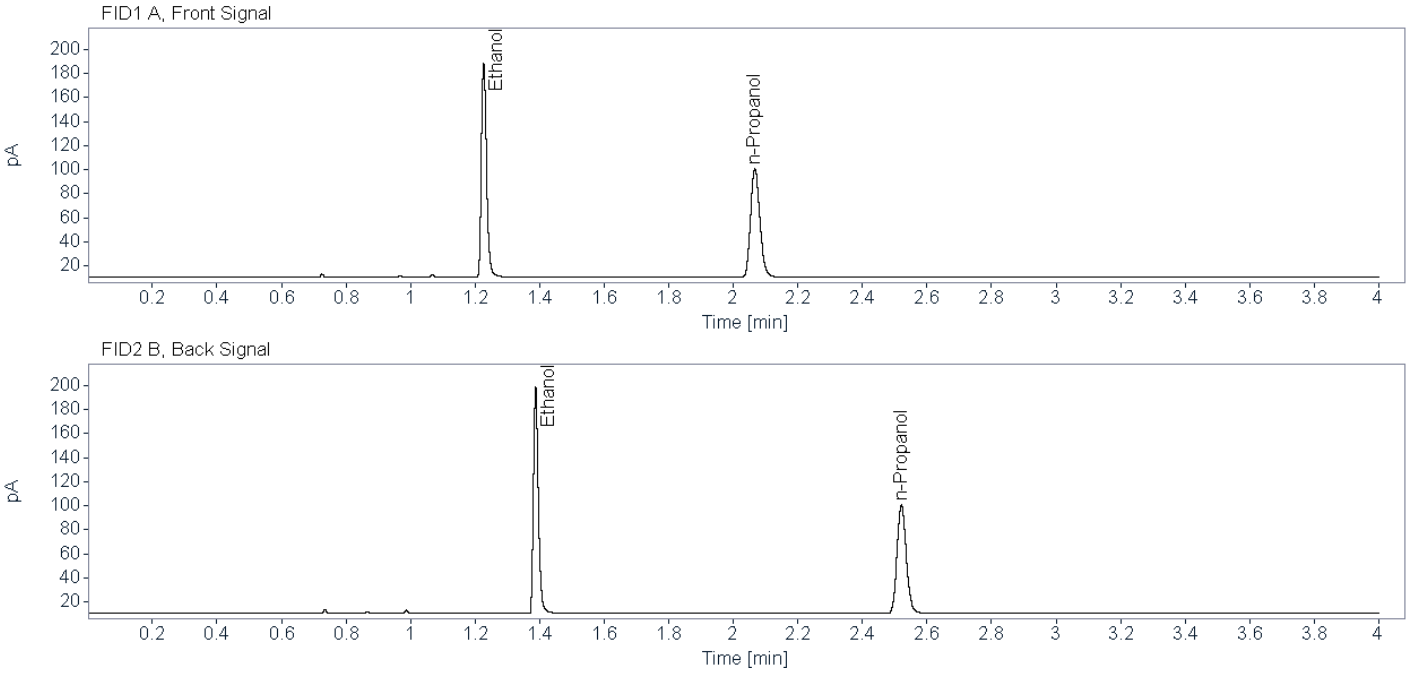
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0162 001_001 (25-0275) **Description:** Alq 1 **Sample Barcode** 25-0275 **Vial Number:** 41

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 5:58:39 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\041F4101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74925 | 1.227 | 1.225 | 199.2621 | 0.1960 |
| n-Propanol | 0.81705 | 2.067 | 2.066 | 181.1710 | 0.0100 |

**Name** FID2B

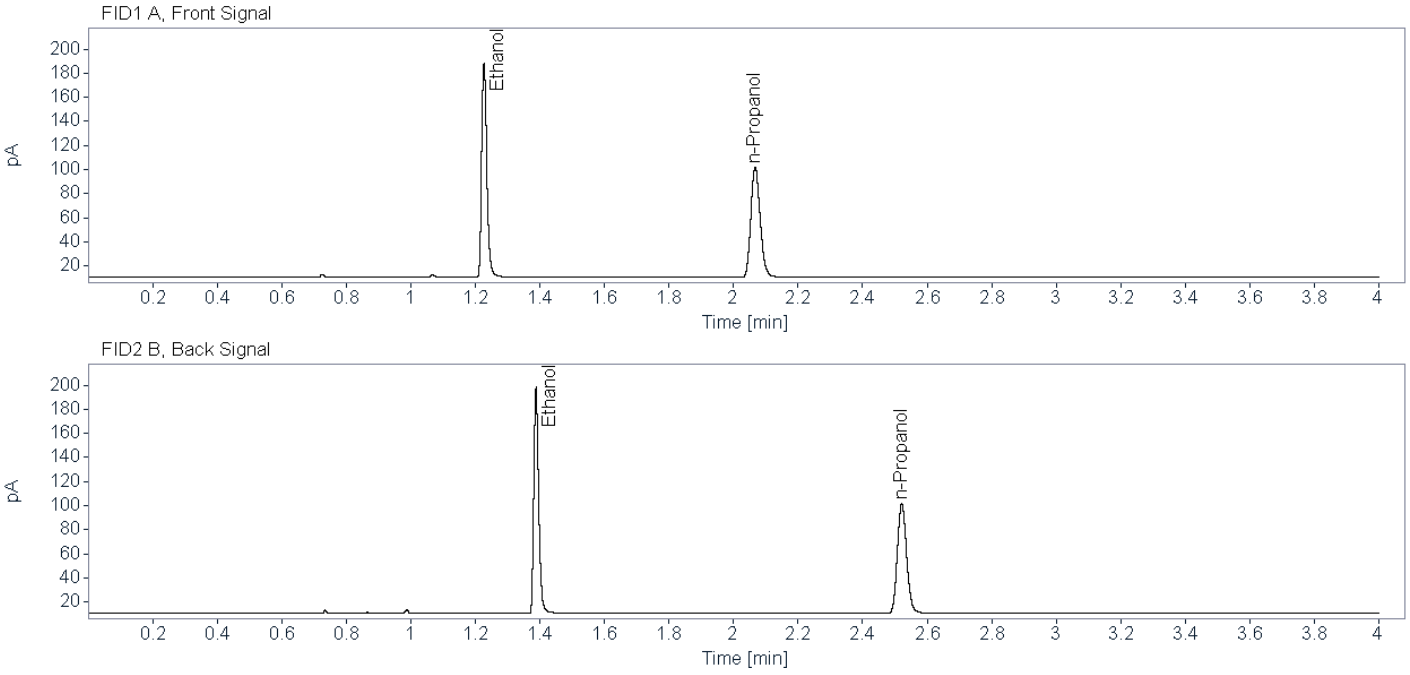
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76000 | 1.388 | 1.386 | 198.2174 | 0.1963 |
| n-Propanol | 0.85355 | 2.521 | 2.520 | 180.5671 | 0.0100 |

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

**Sample Name:** BCCL-25-0162 001_001 (25-0281) **Description:** Alq 2 **Sample Barcode** 25-0281 **Vial Number:** 47

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 6:29:52 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\047F4701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76409 | 1.227 | 1.225 | 198.7283 | 0.1934 |
| n-Propanol | 0.82396 | 2.067 | 2.066 | 183.1820 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75064 | 1.388 | 1.386 | 197.8398 | 0.1939 |
| n-Propanol | 0.85924 | 2.521 | 2.520 | 182.5272 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0189 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1141 | Aliquot 1: | 0.1145 |
| | Aliquot 2: | 0.1107 | Aliquot 2: | 0.1111 |

**Reported Result: 0.112 g/100 mL**

**Reported UM: 0.018 g/100 mL**

**Comments:**

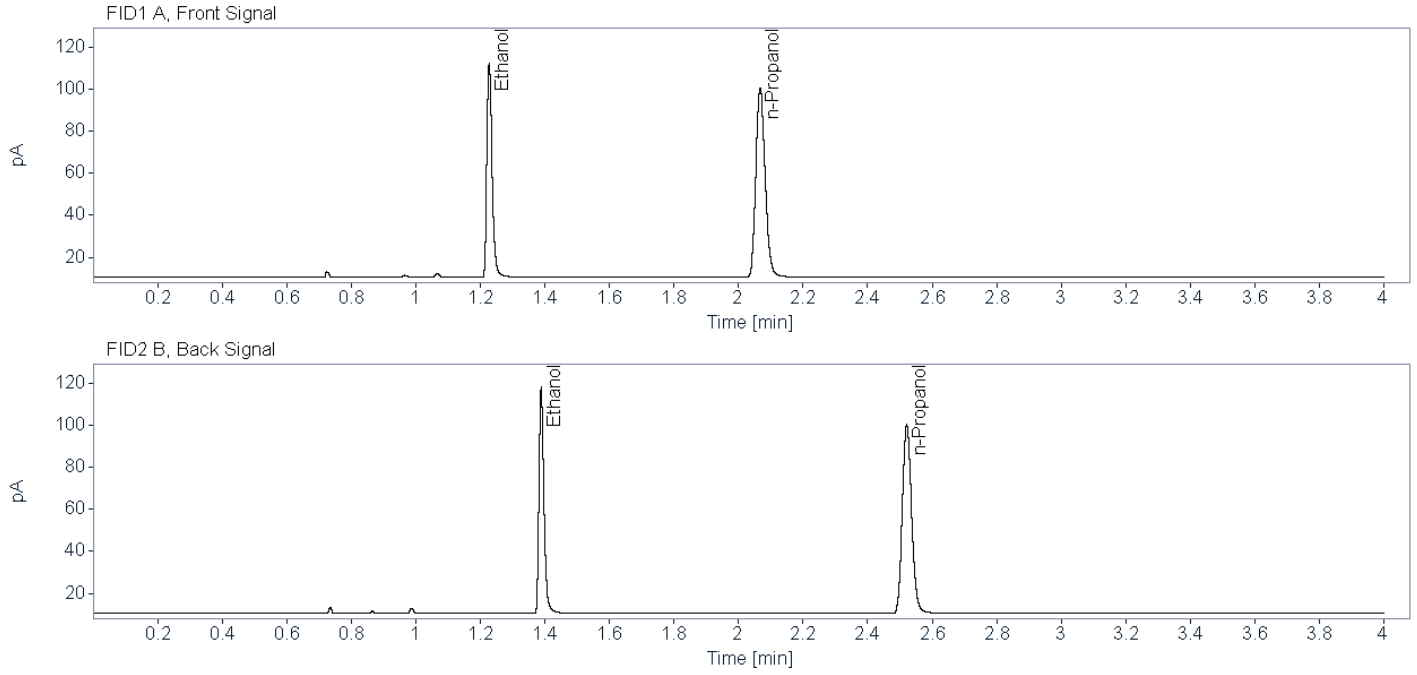
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0189 001_001 (25-0276) **Description:** Alq 1 **Sample Barcode** 25-0276 **Vial Number:** 42

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 6:03:24 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\042F4201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73275 | 1.227 | 1.225 | 115.1835 | 0.1141 |
| n-Propanol | 0.82410 | 2.067 | 2.066 | 180.5659 | 0.0100 |

**Name** FID2B

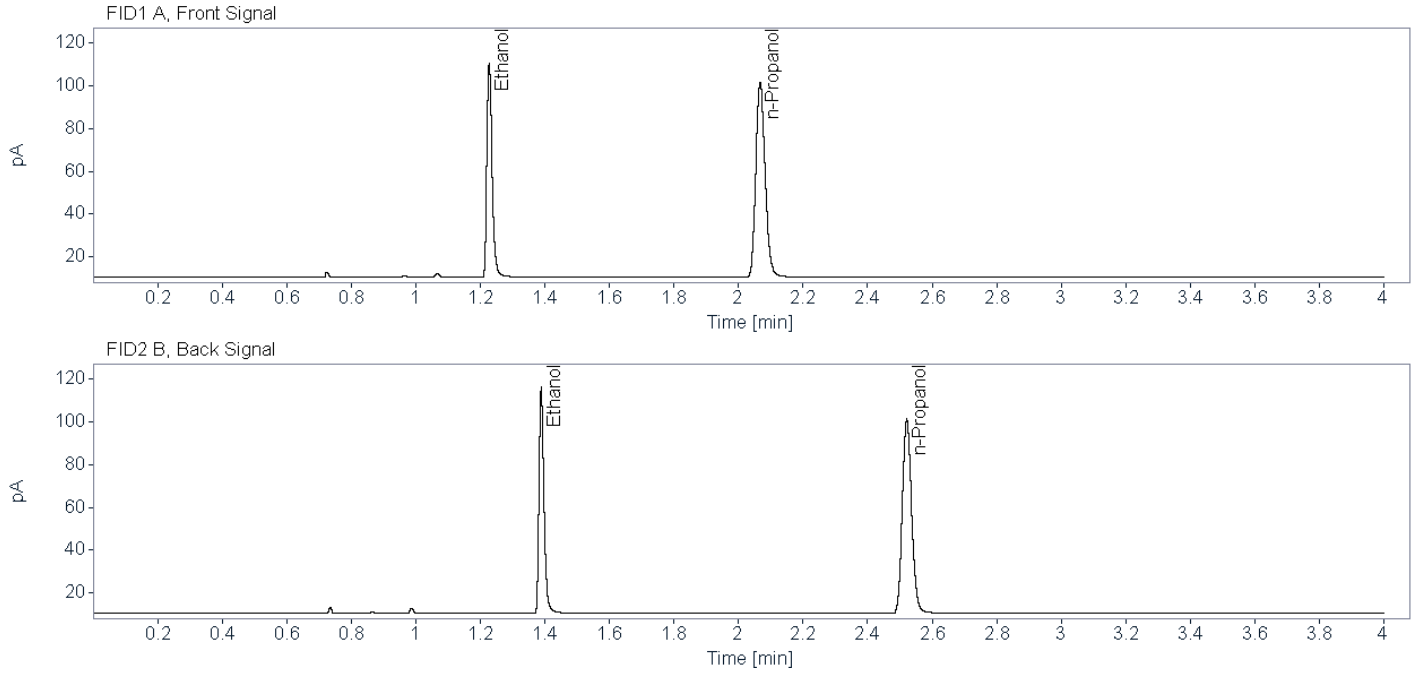
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72090 | 1.388 | 1.386 | 114.8069 | 0.1145 |
| n-Propanol | 0.85698 | 2.521 | 2.520 | 180.0774 | 0.0100 |

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

**Sample Name:** BCCL-25-0189 001_001 (25-0280) **Description:** Alq 2 **Sample Barcode** 25-0280 **Vial Number:** 46

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 6:24:11 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\046F4601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73155 | 1.227 | 1.225 | 112.8521 | 0.1107 |
| n-Propanol | 0.82355 | 2.067 | 2.066 | 182.4200 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71988 | 1.389 | 1.386 | 112.5036 | 0.1111 |
| n-Propanol | 0.85686 | 2.521 | 2.520 | 181.9004 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-0190 001_001

**Batch Name:** BAC_20250210_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1269 | Aliquot 1: | 0.1273 |
| | Aliquot 2: | 0.1260 | Aliquot 2: | 0.1261 |

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

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

**Comments:**

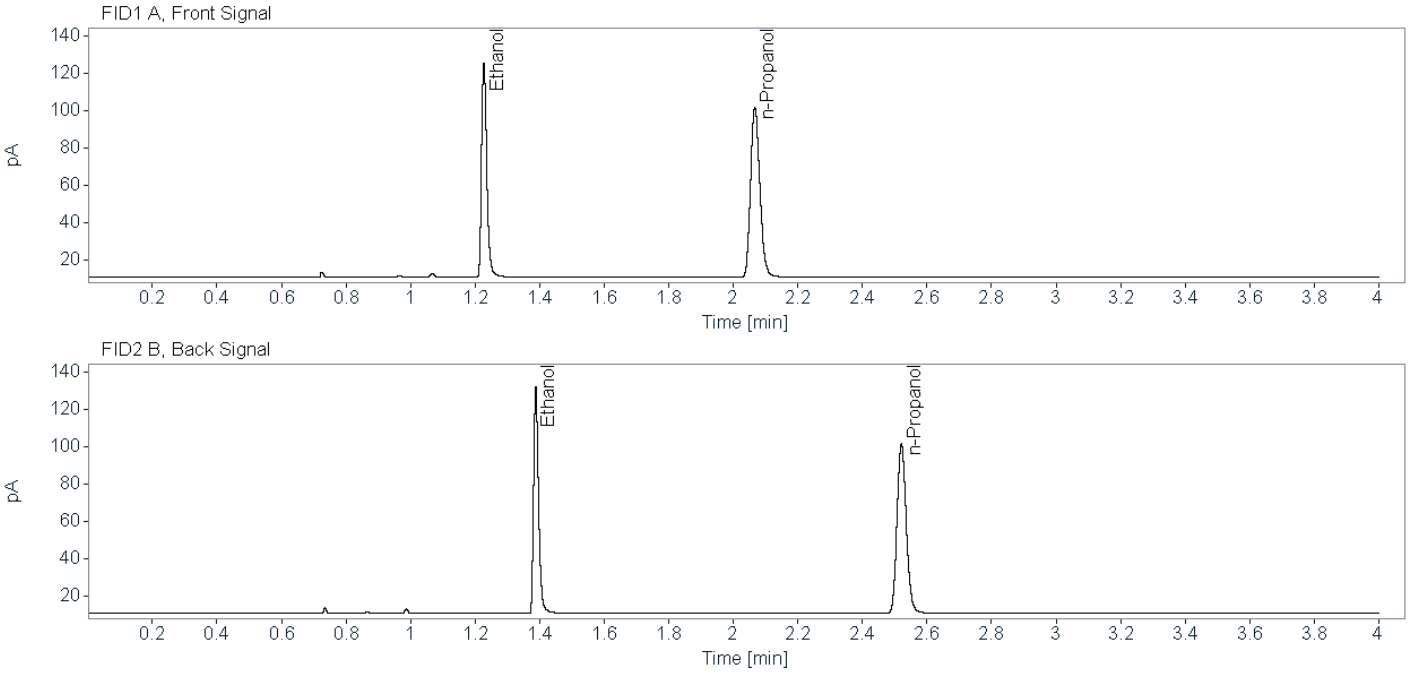
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-0190 001_001 (25-0277) **Description:** Alq 1 **Sample Barcode** 25-0277 **Vial Number:** 43

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 6:09:04 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\043F4301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73806 | 1.227 | 1.225 | 129.8900 | 0.1269 |
| n-Propanol | 0.81586 | 2.067 | 2.066 | 182.8782 | 0.0100 |

**Name** FID2B

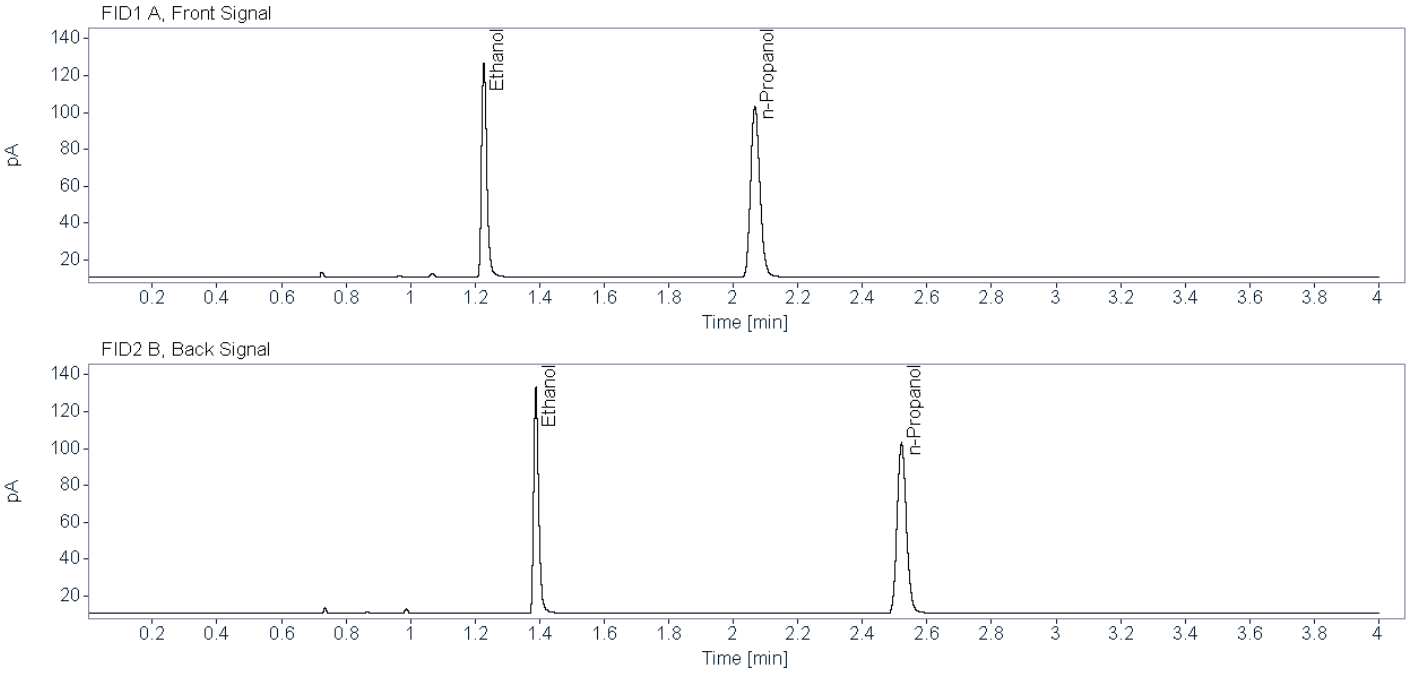
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73913 | 1.388 | 1.386 | 129.3540 | 0.1273 |
| n-Propanol | 0.85032 | 2.521 | 2.520 | 182.2427 | 0.0100 |

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

**Sample Name:** BCCL-25-0190 001_001 (25-0279) **Description:** Alq 2 **Sample Barcode** 25-0279 **Vial Number:** 45

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 2/10/2025 6:19:28 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250210_KB 2025-02-10 14-20-31\045F4501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73973 | 1.227 | 1.225 | 131.0182 | 0.1260 |
| n-Propanol | 0.81964 | 2.067 | 2.066 | 185.7942 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72578 | 1.388 | 1.386 | 130.0774 | 0.1261 |
| n-Propanol | 0.85584 | 2.521 | 2.520 | 185.1303 | 0.0100 |