# Brazoria County Crime Laboratory

## BAC Batch Review Checklist

| **Batch Name:** BAC_20250728_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 | 110 | ✓ | ✓ |

Analyst Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2025.07.30 14:48:57 -05'00'

Date: 7/30/2025

Technical Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2025.07.31 11:04:54 -05'00'

Date: 7/31/2025

**Batch Name:** BAC_20250728_KB

# Technical Review Notes

N/A -- 7/31/2025 mh

# BAC Summary Worksheet

| | |
|---|---|
| **Batch Name:** | BAC_20250728_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 | | 180.9097 | 178.0153 |
| Acceptance Range | Min | 162.8188 | 160.2138 |
| | Max | 199.0007 | 195.8168 |

| 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 | 0.0099 | 0.0100 | 0.0099 | -1.00 | 0.00 | 1.01 | 181.6276 | 178.9581 |
| 0.025 g/100mL Calibrator | 0.0249 | 0.0248 | 0.0248 | -0.80 | 0.40 | 0.00 | 178.8489 | 176.0124 |
| 0.050 g/100mL Calibrator | 0.0499 | 0.0498 | 0.0498 | -0.40 | 0.20 | 0.00 | 185.1743 | 182.3155 |
| 0.100 g/100mL Calibrator | 0.1004 | 0.1005 | 0.1004 | 0.40 | 0.00 | 0.10 | 182.6789 | 179.7228 |
| 0.200 g/100mL Calibrator | 0.2040 | 0.2036 | 0.2038 | 1.90 | 0.10 | -0.10 | 178.2734 | 175.3185 |
| 0.400 g/100mL Calibrator | 0.3947 | 0.3953 | 0.3950 | -1.25 | -0.08 | 0.08 | 182.7179 | 179.6388 |
| 0.500 g/100mL Calibrator | 0.5013 | 0.5011 | 0.5012 | 0.24 | 0.02 | -0.02 | 177.0472 | 174.1410 |

| | | 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 | - | - | - | 181.4234 | 178.6337 |
| High QC | 0.4096 | 0.4091 | 0.4093 | 2.32 | 0.07 | -0.05 | 175.7383 | 173.0112 |
| Low QC | 0.0802 | 0.0803 | 0.0802 | 0.25 | 0.00 | 0.12 | 184.3943 | 181.2874 |
| Blood QC A | 0.0778 | 0.0780 | 0.0779 | -1.14 | -0.13 | 0.13 | 182.1400 | 179.1226 |
| Blood QC B | 0.1885 | 0.1890 | 0.1887 | -1.56 | -0.11 | 0.16 | 179.1311 | 176.0509 |
| Blood QC A | 0.0823 | 0.0825 | 0.0824 | 4.57 | -0.12 | 0.12 | 172.4120 | 169.4071 |
| Blood QC B | 0.1892 | 0.1895 | 0.1893 | -1.25 | -0.05 | 0.11 | 177.2793 | 174.4205 |
| Blood QC A | 0.0812 | 0.0814 | 0.0813 | 3.17 | -0.12 | 0.12 | 178.2464 | 175.4632 |
| High QC | 0.4176 | 0.4183 | 0.4179 | 4.47 | -0.07 | 0.10 | 177.9172 | 174.7685 |
| Low QC | 0.0813 | 0.0816 | 0.0814 | 1.75 | -0.12 | 0.25 | 175.0813 | 172.1525 |
| DI Water | 0.0000 | 0.0000 | 0.0000 | - | - | - | 180.2864 | 177.1406 |

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

| | Lab Number | Ethanol Obtained Value Alq1 FID1 | Ethanol Obtained Value Alq1 FID2 | Ethanol Obtained Value Alq2 FID1 | Ethanol Obtained Value Alq2 FID2 | Result | UM | % Difference FID & Average Alq1 FID1 | % Difference FID & Average Alq1 FID2 | % Difference FID & Average Alq 2 FID1 | % Difference FID & Average Alq2 FID2 | IS Area Counts Alq1 FID1 | IS Area Counts Alq1 FID2 | IS Area Counts Alq2 FID1 | IS Area Counts Alq2 FID2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **BCCL-25-1084 001_001** | 0.0909 | 0.0908 | 0.0961 | 0.0962 | 0.093 | 0.015 | -2.78 | -2.89 | 2.78 | 2.89 | 186.8931 | 183.9530 | 176.2092 | 173.2378 |
| 2 | BCCL-25-1086 001_001 | 0.1943 | 0.1936 | 0.2039 | 0.2042 | 0.199 | 0.032 | -2.36 | -2.71 | 2.46 | 2.61 | 182.1849 | 179.2553 | 181.3053 | 178.2242 |
| 3 | **BCCL-25-1087 001_001** | 0.0709 | 0.0711 | 0.0738 | 0.0737 | 0.072 | 0.012 | -2.04 | -1.76 | 1.97 | 1.83 | 186.8929 | 184.1465 | 184.3669 | 181.9081 |
| 4 | BCCL-25-1112 001_001 | 0.1529 | 0.1526 | 0.1601 | 0.1597 | 0.156 | 0.025 | -2.19 | -2.38 | 2.41 | 2.16 | 187.7152 | 184.7911 | 177.1011 | 174.3947 |
| 5 | BCCL-25-1157 001_001 | 0.1641 | 0.1644 | 0.1710 | 0.1711 | 0.167 | 0.027 | -2.12 | -1.94 | 2.00 | 2.06 | 186.7202 | 183.5232 | 178.8017 | 176.4323 |
| 6 | BCCL-25-1160 001_001 | 0.2037 | 0.2040 | 0.2066 | 0.2069 | 0.205 | 0.033 | -0.78 | -0.63 | 0.63 | 0.78 | 183.4429 | 180.4611 | 178.9174 | 176.0805 |
| 7 | **BCCL-25-1163 001_001** | 0.0914 | 0.0915 | 0.0928 | 0.0929 | 0.092 | 0.015 | -0.81 | -0.71 | 0.71 | 0.81 | 183.8119 | 180.9244 | 182.8292 | 180.0565 |
| 8 | **BCCL-25-1192 001_001** | 0.0000 | 0.0000 | 0.0000 | 0.0000 | none detected | | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | 181.4636 | 178.4593 | 177.8526 | 174.7380 |
| 9 | BCCL-25-1197 001_001 | 0.1004 | 0.1005 | 0.1008 | 0.1011 | 0.100 | 0.016 | -0.30 | -0.20 | 0.10 | 0.40 | 186.5826 | 183.6239 | 177.1941 | 174.4545 |
| 10 | BCCL-25-1200 001_001 | 0.3040 | 0.3029 | 0.3001 | 0.2997 | 0.301 | 0.049 | 0.77 | 0.41 | -0.52 | -0.65 | 183.2805 | 180.7489 | 180.1913 | 177.2534 |
| 11 | BCCL-25-1205 001_001 | 0.2032 | 0.2032 | 0.2097 | 0.2102 | 0.206 | 0.033 | -1.63 | -1.63 | 1.51 | 1.75 | 187.4286 | 184.5050 | 179.7933 | 176.9131 |
| 12 | BCCL-25-1206 001_001 | 0.2398 | 0.2399 | 0.2402 | 0.2402 | 0.240 | 0.039 | -0.09 | -0.05 | 0.07 | 0.07 | 187.7113 | 184.7361 | 182.5229 | 179.3319 |
| 13 | **BCCL-25-1207 001_001** | 0.0118 | 0.0119 | 0.0117 | 0.0117 | 0.011 | 0.002 | 0.21 | 1.06 | -0.64 | -0.64 | 182.5629 | 179.6712 | 176.2621 | 174.1275 |
| 14 | BCCL-25-1220 001_001 | 0.1642 | 0.1639 | 0.1660 | 0.1658 | 0.164 | 0.027 | -0.47 | -0.65 | 0.62 | 0.50 | 178.3188 | 175.3070 | 182.2240 | 179.3062 |
| 15 | **BCCL-25-1227 001_001** | 0.0000 | 0.0000 | 0.0000 | 0.0000 | none detected | | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | 181.9108 | 179.2672 | 182.6754 | 180.3434 |
| 16 | BCCL-25-1228 001_001 | 0.1874 | 0.1874 | 0.1800 | 0.1801 | 0.183 | 0.030 | 2.00 | 2.00 | -2.03 | -1.97 | 181.0786 | 178.5251 | 184.3501 | 181.5718 |
| 17 | BCCL-25-1229 003_001 | 0.1568 | 0.1565 | 0.1324 | 0.1324 | ~~0.144~~ | ~~0.023~~ | 8.49 | 8.29 | -8.39 | -8.39 | 182.9283 | 180.1802 | 185.0318 | 182.4906 |
| 18 | BCCL-25-1230 001_001 | 0.3120 | 0.3120 | 0.3019 | 0.3017 | 0.306 KB 7/30/2025 | 0.049 | 1.66 | 1.66 | -1.63 | -1.69 | 179.3127 | 176.6124 | 178.1319 | 175.3056 |
| 19 | BCCL-25-1233 001_001 | 0.1696 | 0.1698 | 0.1663 | 0.1666 | 0.168 | 0.027 | 0.91 | 1.03 | -1.06 | -0.88 | 179.2171 | 176.0132 | 181.0347 | 178.4230 |
| 20 | BCCL-25-1299 001_001 | 0.2430 | 0.2438 | 0.2386 | 0.2382 | 0.240 | 0.039 | 0.87 | 1.20 | -0.95 | -1.12 | 182.0543 | 179.0365 | 180.7125 | 177.8707 |

IS (R-25-5030) is within +/- 20% of the negative, acceptable for use in casework -KB 7/30/2025

Kayla M. Baylor

Digitally signed by Kayla M. Baylor
Date: 2025.07.30 12:31:33 -05'00'

# Brazoria County Crime Lab

## BAC Batch Information

**Batch Name:** BAC-20250728-KB **Analyst:** Kayla M. Baylor **Instrument:** BAC-1

| | Lot: | Expiration: | Inventory Number: |
|---|---|---|---|
| Cal 1 | FN1227 2201 | 2/29/2028 | S-23-5008U |
| Cal 2 | FN03122112 | 3/31/2026 | S-23-5009F |
| Cal 3 | FN03172301 | 3/31/2028 | S-23-5010I |
| Cal 4 | FN03072301 | 3/31/2028 | S-23-5011I |
| Cal 5 | FN03132302 | 3/31/2028 | S-23-5012H |
| Cal 6 | FN03052102 | 3/31/2026 | S-23-5013I |
| Cal 7 | FN06262004 | 7/31/2025 | S-23-5014J |
| High QC | 120520233-B | 5 -KB 8/13/2025<br>3/31/2028 | S-24-5080G |
| Low QC | 1-H1455466WA | 4/8/2029 | S-25-5073B |
| Blood QC A | 2401241 | 2/28/2028 | S-24-5002I |
| Blood QC B | 2302120 | 5/31/2027 | S-24-5003I |
| Internal Standard | N/A | 8/1/2025 | R-25-5001 |
| Pipette(s) | 5053, 205L | | |

**Comments:**

Verifying internal standard inventory # R-25-5030 exp: 1/23/2026
– KB 7/28/2025



KB

BAC_20250728_KB

# BCCL ANALYTICAL WORKLIST

**ANALYST: Kayla Baylor**

**Worklist ID: F7411Y0663JFG5**

| Case # | Evid # | Evid Type | Service |
|---|---|---|---|
| BCCL-25-1084 | 001_001 | Blood | Alcohol |
| BCCL-25-1086 | 001_001 | Blood | Alcohol |
| BCCL-25-1087 | 001_001 | Blood | Alcohol |
| BCCL-25-1112 | 001_001 | Blood | Alcohol |
| BCCL-25-1157 | 001_001 | Blood | Alcohol |
| BCCL-25-1160 | 001_001 | Blood | Alcohol |
| BCCL-25-1163 | 001_001 | Blood | Alcohol |
| BCCL-25-1192 | 001_001 | Blood | Alcohol |
| BCCL-25-1197 | 001_001 | Blood | Alcohol |
| BCCL-25-1200 | 001_001 | Blood | Alcohol |
| BCCL-25-1205 | 001_001 | Blood | Alcohol |
| BCCL-25-1206 | 001_001 | Blood | Alcohol |
| BCCL-25-1207 | 001_001 | Blood | Alcohol |



KB

BAC-20250728-KB

| Case # | Evid # | Evid Type | Service |
|---|---|---|---|
| BCCL-25-1220 | 001_001 | Blood | Alcohol |
| BCCL-25-1227 | 001_001 | Blood | Alcohol |
| BCCL-25-1228 | 001_001 | Blood | Alcohol |
| BCCL-25-1229 | 003_001 | Blood | Alcohol |
| BCCL-25-1230 | 001_001 | Blood | Alcohol |
| BCCL-25-1233 | 001_001 | Blood | Alcohol |
| BCCL-25-1299 | 001_001 | Blood | Alcohol |



KB

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250728_KB.S

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SEQUENCE PARAMETERS

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Sequence : C:\CHEM32\1\SEQUENCE\2025\BAC_20250728_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 TABLE:

sequence verified
7/28/2025 mh

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (25-1140)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 1

==========

Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (25-1141)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 2

==========

Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (25-1142)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 3

==========

Line : 4
Location : 4
Sample Information :
Sample Name : 0.100 g/100mL Cal (25-1143)
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 (25-1144)
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 (25-1145)
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 (25-1146)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 7

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Line : 8
Location : 8
Sample Information :
Sample Name : Negative (25-1147)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (25-1148)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :

Sample Name : Low QC (25-1149)
Method Name : BAC
Sample Type : Sample

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Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (25-1150)
Method Name : BAC
Sample Type : Sample

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Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-25-1084 001_001 (25-1151)
Method Name : BAC
Sample Type : Sample

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Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-25-1086 001_001 (25-1152)
Method Name : BAC
Sample Type : Sample

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Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-25-1087 001_001 (25-1153)
Method Name : BAC
Sample Type : Sample

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Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-25-1112 001_001 (25-1154)
Method Name : BAC
Sample Type : Sample

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Line : 16
Location : 16
Sample Information : Alq 1

Sample Name : BCCL-25-1157 001_001 (25-1155)
Method Name : BAC
Sample Type : Sample

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Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-25-1160 001_001 (25-1156)
Method Name : BAC
Sample Type : Sample

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Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-25-1163 001_001 (25-1157)
Method Name : BAC
Sample Type : Sample

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Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-25-1192 001_001 (25-1158)
Method Name : BAC
Sample Type : Sample

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Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-25-1197 001_001 (25-1159)
Method Name : BAC
Sample Type : Sample

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Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-25-1200 001_001 (25-1160)
Method Name : BAC
Sample Type : Sample

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Line : 22
Location : 22
Sample Information :

KB

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250728_KB.S

Sample Name : Blood QC B (25-1161)
Method Name : BAC
Sample Type : Sample

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Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-25-1205 001_001 (25-1162)
Method Name : BAC
Sample Type : Sample

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Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-25-1206 001_001 (25-1163)
Method Name : BAC
Sample Type : Sample

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Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-25-1207 001_001 (25-1164)
Method Name : BAC
Sample Type : Sample

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Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-25-1220 001_001 (25-1165)
Method Name : BAC
Sample Type : Sample

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Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-25-1227 001_001 (25-1166)
Method Name : BAC
Sample Type : Sample

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Line : 28
Location : 28
Sample Information : Alq 1

KB

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250728_KB.S

Sample Name : BCCL-25-1228 001_001 (25-1167)
Method Name : BAC
Sample Type : Sample

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Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-25-1229 003_001 (25-1168)
Method Name : BAC
Sample Type : Sample

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Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-25-1230 001_001 (25-1169)
Method Name : BAC
Sample Type : Sample

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Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-25-1233 001_001 (25-1170)
Method Name : BAC
Sample Type : Sample

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Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : BCCL-25-1299 001_001 (25-1171)
Method Name : BAC
Sample Type : Sample

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Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (25-1172)
Method Name : BAC
Sample Type : Sample

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Line : 34
Location : 34
Sample Information : Alq 2

KB

Sample Name : BCCL-25-1299 001_001 (25-1173)
Method Name : BAC
Sample Type : Sample

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Line : 35
Location : 35
Sample Information : Alq 2
Sample Name : BCCL-25-1233 001_001 (25-1174)
Method Name : BAC
Sample Type : Sample

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Line : 36
Location : 36
Sample Information : Alq 2
Sample Name : BCCL-25-1230 001_001 (25-1175)
Method Name : BAC
Sample Type : Sample

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Line : 37
Location : 37
Sample Information : Alq 2
Sample Name : BCCL-25-1229 003_001 (25-1176)
Method Name : BAC
Sample Type : Sample

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Line : 38
Location : 38
Sample Information : Alq 2
Sample Name : BCCL-25-1228 001_001 (25-1177)
Method Name : BAC
Sample Type : Sample

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Line : 39
Location : 39
Sample Information : Alq 2
Sample Name : BCCL-25-1227 001_001 (25-1178)
Method Name : BAC
Sample Type : Sample

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Line : 40
Location : 40
Sample Information : Alq 2

KB

Sample Name : BCCL-25-1220 001_001 (25-1179)
Method Name : BAC
Sample Type : Sample

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Line : 41
Location : 41
Sample Information : Alq 2
Sample Name : BCCL-25-1207 001_001 (25-1180)
Method Name : BAC
Sample Type : Sample

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Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : BCCL-25-1206 001_001 (25-1181)
Method Name : BAC
Sample Type : Sample

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Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : BCCL-25-1205 001_001 (25-1182)
Method Name : BAC
Sample Type : Sample

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Line : 44
Location : 44
Sample Information :
Sample Name : Blood QC B (25-1183)
Method Name : BAC
Sample Type : Sample

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Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-25-1200 001_001 (25-1184)
Method Name : BAC
Sample Type : Sample

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Line : 46
Location : 46
Sample Information : Alq 2

Sample Name : BCCL-25-1197 001_001 (25-1185)
Method Name : BAC
Sample Type : Sample

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Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-25-1192 001_001 (25-1186)
Method Name : BAC
Sample Type : Sample

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Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-25-1163 001_001 (25-1187)
Method Name : BAC
Sample Type : Sample

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Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-25-1160 001_001 (25-1188)
Method Name : BAC
Sample Type : Sample

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Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-25-1157 001_001 (25-1189)
Method Name : BAC
Sample Type : Sample

---

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-25-1112 001_001 (25-1190)
Method Name : BAC
Sample Type : Sample

---

Line : 52
Location : 52
Sample Information : Alq 2

Sample Name : BCCL-25-1087 001_001 (25-1191)
Method Name : BAC
Sample Type : Sample

---

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-25-1086 001_001 (25-1192)
Method Name : BAC
Sample Type : Sample

---

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-25-1084 001_001 (25-1193)
Method Name : BAC
Sample Type : Sample

---

Line : 55
Location : 55
Sample Information :
Sample Name : IS A (25-1198)
Method Name : BAC
Sample Type : Sample

---

Line : 56
Location : 56
Sample Information :
Sample Name : IS B (25-1199)
Method Name : BAC
Sample Type : Sample

---

Line : 57
Location : 57
Sample Information :
Sample Name : Blood QC A (25-1194)
Method Name : BAC
Sample Type : Sample

---

Line : 58
Location : 58
Sample Information :

KB

Sample Name : High QC (25-1195)
Method Name : BAC
Sample Type : Sample

---

Line : 59
Location : 59
Sample Information :
Sample Name : Low QC (25-1196)
Method Name : BAC
Sample Type : Sample

---

Line : 60
Location : 60
Sample Information :
Sample Name : DI Water (25-1197)
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 |

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

==========

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 |

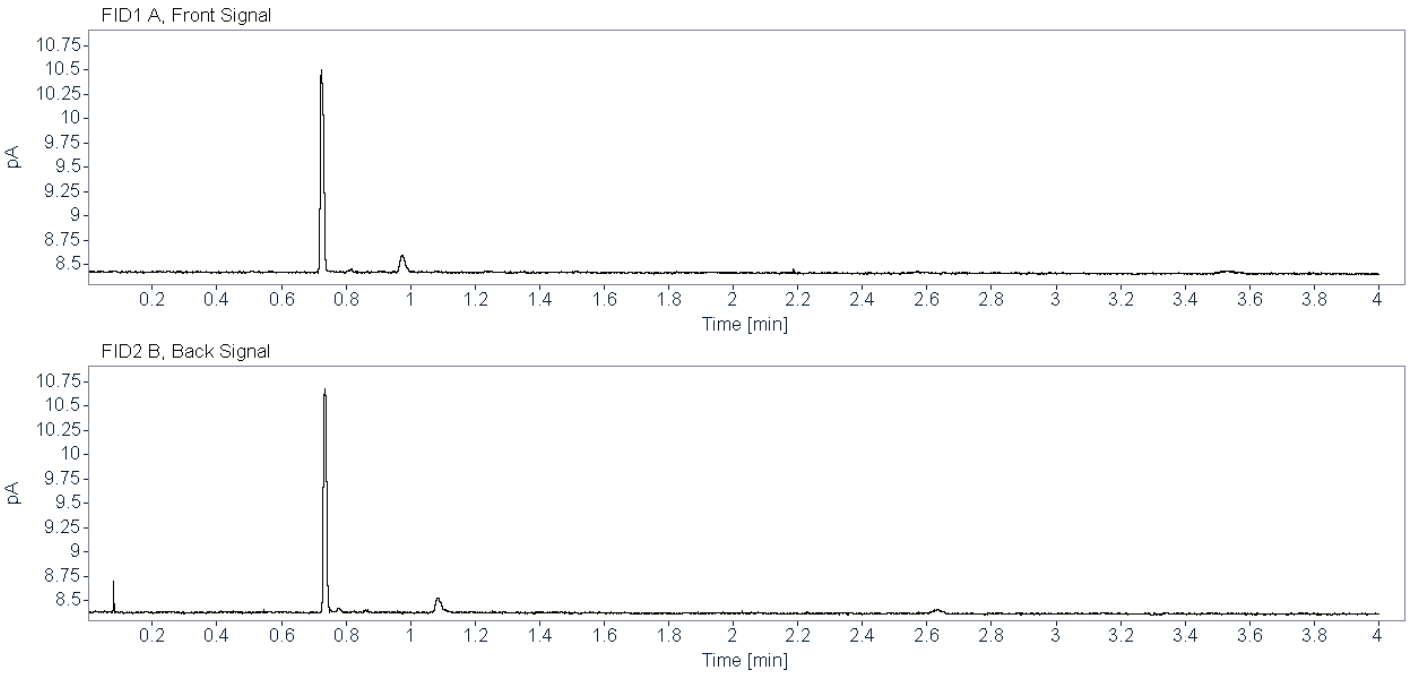
Detector Default Integration Event Table "Event_FID"

| 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

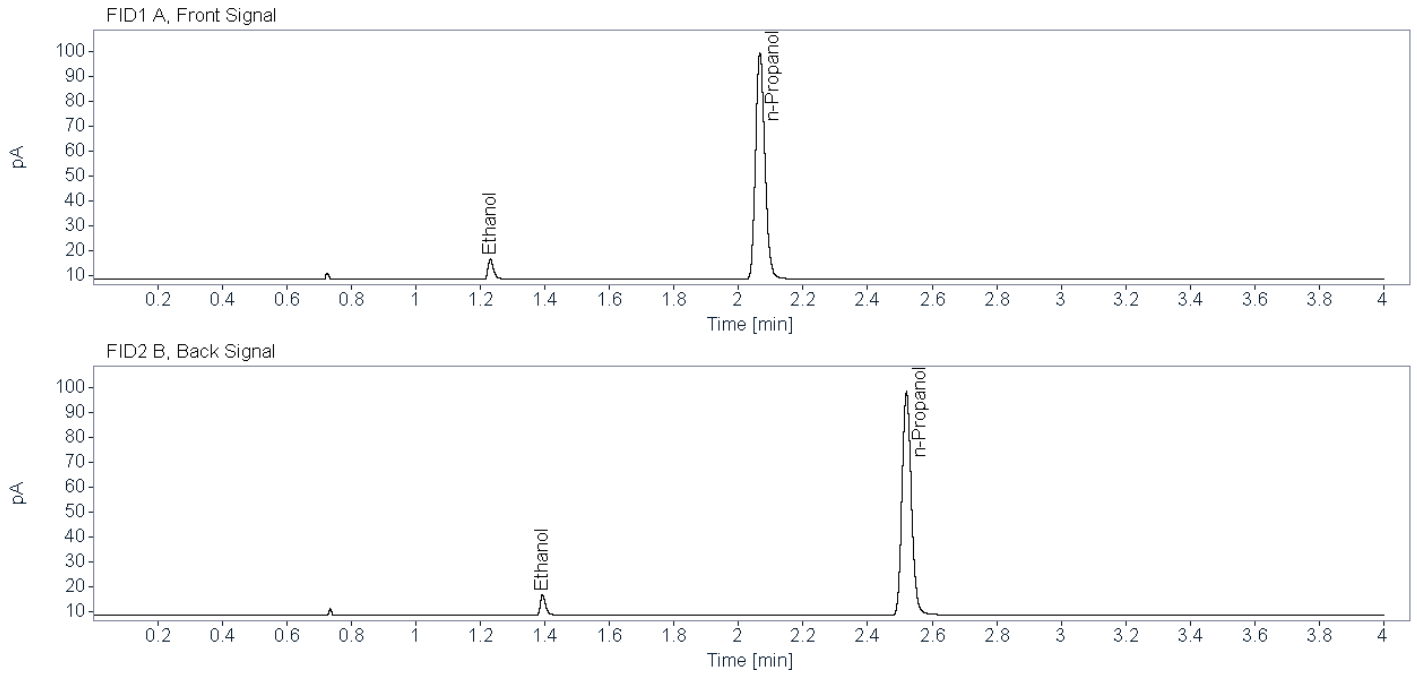
# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Air **Description:** **Sample Barcode** **Vial Number:** 1
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 8:53:04 AM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728PC_KB 2025-07-28 08-43-05\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:** 7/28/2025 8:57:47 AM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728PC_KB 2025-07-28 08-43-05\002F0201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.68977 | 1.231 | 1.231 | 9.7787 | 0.0109 |
| n-Propanol | 0.82435 | 2.066 | 2.066 | 182.6555 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.63115 | 1.392 | 1.392 | 9.5631 | 0.0107 |
| n-Propanol | 0.84823 | 2.520 | 2.520 | 180.0332 | 0.0100 |

# Calibration Table

## General Calibration Setting

Calib. Data Modified : 7/29/2025 6:29:23 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 | 9.52827 | 1.04951e-3 | No | No | 1 | Ethanol |
| | | 2 | 2.50000e-2 | 24.08392 | 1.03804e-3 | | | | |
| | | 3 | 5.00000e-2 | 50.47719 | 9.90546e-4 | | | | |
| | | 4 | 1.00000e-1 | 100.59423 | 9.94093e-4 | | | | |
| | | 5 | 2.00000e-1 | 199.93599 | 1.00032e-3 | | | | |
| | | 6 | 4.00000e-1 | 396.88428 | 1.00785e-3 | | | | |
| | | 7 | 5.00000e-1 | 488.57892 | 1.02338e-3 | | | | |
| 1.386 | 2 | 1 | 1.00000e-2 | 9.33958 | 1.07071e-3 | No | No | 2 | Ethanol |
| | | 2 | 2.50000e-2 | 23.76201 | 1.05210e-3 | | | | |
| | | 3 | 5.00000e-2 | 49.96928 | 1.00061e-3 | | | | |
| | | 4 | 1.00000e-1 | 100.06276 | 9.99373e-4 | | | | |
| | | 5 | 2.00000e-1 | 198.30556 | 1.00854e-3 | | | | |
| | | 6 | 4.00000e-1 | 395.03586 | 1.01257e-3 | | | | |
| | | 7 | 5.00000e-1 | 485.67722 | 1.02949e-3 | | | | |
| 2.066 | 1 | 1 | 1.00000e-2 | 181.62756 | 5.50577e-5 | No | Yes | 1 | n-Propanol |
| | | 2 | 1.00000e-2 | 178.84889 | 5.59131e-5 | | | | |
| | | 3 | 1.00000e-2 | 185.17433 | 5.40032e-5 | | | | |
| | | 4 | 1.00000e-2 | 182.67891 | 5.47409e-5 | | | | |
| | | 5 | 1.00000e-2 | 178.27341 | 5.60936e-5 | | | | |
| | | 6 | 1.00000e-2 | 182.71794 | 5.47292e-5 | | | | |
| | | 7 | 1.00000e-2 | 177.04723 | 5.64821e-5 | | | | |
| 2.519 | 2 | 1 | 1.00000e-2 | 178.95805 | 5.58790e-5 | No | Yes | 2 | n-Propanol |
| | | 2 | 1.00000e-2 | 176.01239 | 5.68142e-5 | | | | |
| | | 3 | 1.00000e-2 | 182.31549 | 5.48500e-5 | | | | |
| | | 4 | 1.00000e-2 | 179.72279 | 5.56412e-5 | | | | |
| | | 5 | 1.00000e-2 | 175.31851 | 5.70390e-5 | | | | |
| | | 6 | 1.00000e-2 | 179.63879 | 5.56673e-5 | | | | |
| | | 7 | 1.00000e-2 | 174.14099 | 5.74247e-5 | | | | |

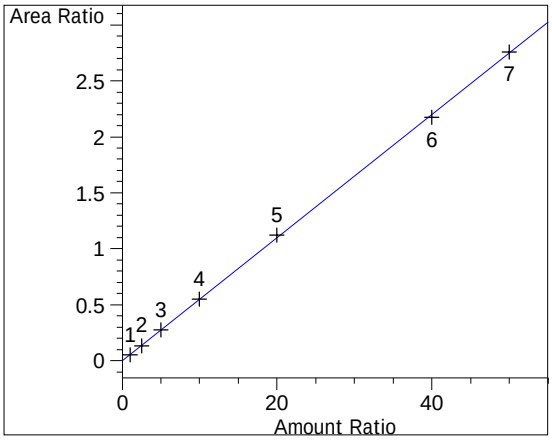
Peak Sum Table

***No Entries in table***

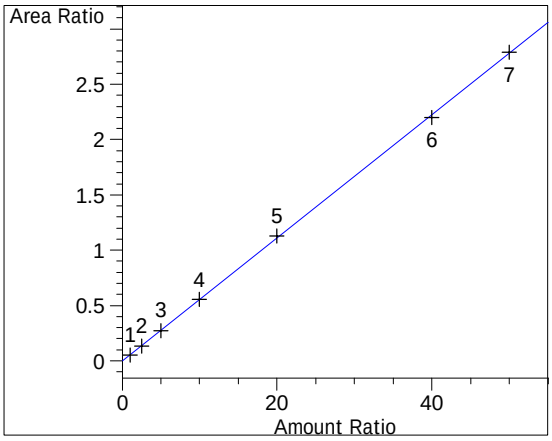
1 Warnings or Errors :

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

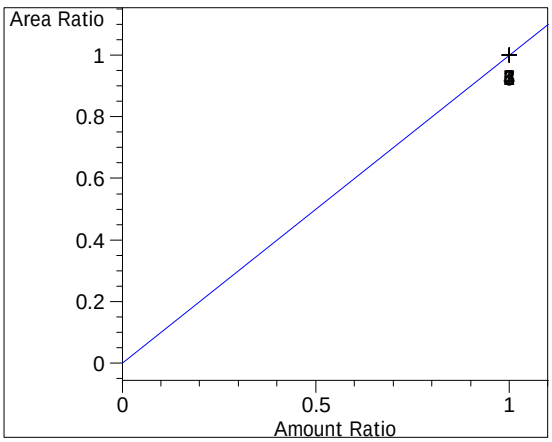
## Calibration Curves



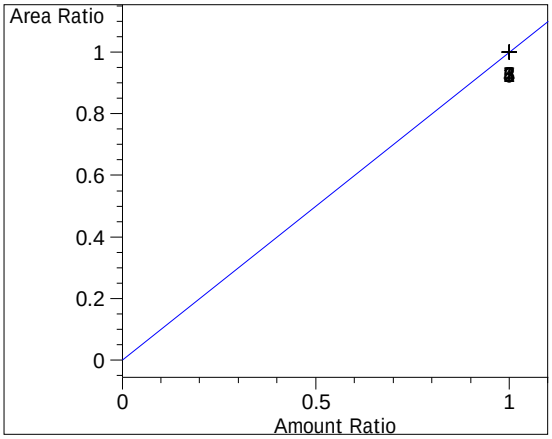

Ethanol at exp. RT: 1.225
FID1 A, Front Signal
Correlation: 0.99992
Residual Std. Dev.: 0.01671
Formula: y = mx + b
m: 5.50906e-2
b: -2.34351e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.389575
Level 3 : 0.19245
Level 4 : 0.095268
Level 5 : 0.046777
Level 6 : 0.024152
Level 7 : 0.01901




Ethanol at exp. RT: 1.386
FID2 B, Back Signal
Correlation: 0.99994
Residual Std. Dev.: 0.01518
Formula: y = mx + b
m: 5.57222e-2
b: -3.40352e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.386577
Level 3 : 0.190413
Level 4 : 0.093736
Level 5 : 0.046139
Level 6 : 0.023732
Level 7 : 0.018712




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

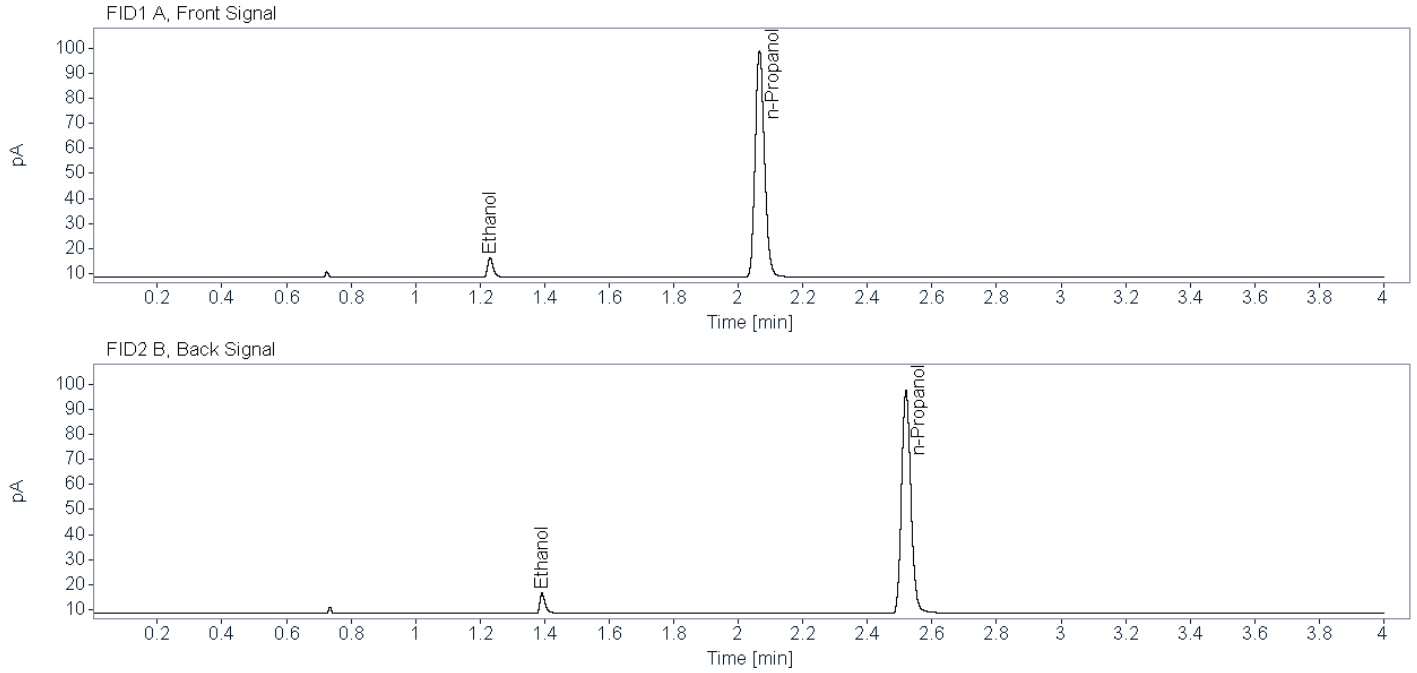



n-Propanol at exp. RT: 2.519
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

==========

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

**Sample Name:** 0.010 g/100mL Cal (25-1140) **Description:** **Sample Barcode** 25-1140 **Vial Number:** 1
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 11:12:59 AM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\001F0101.D




**Name** FID1A

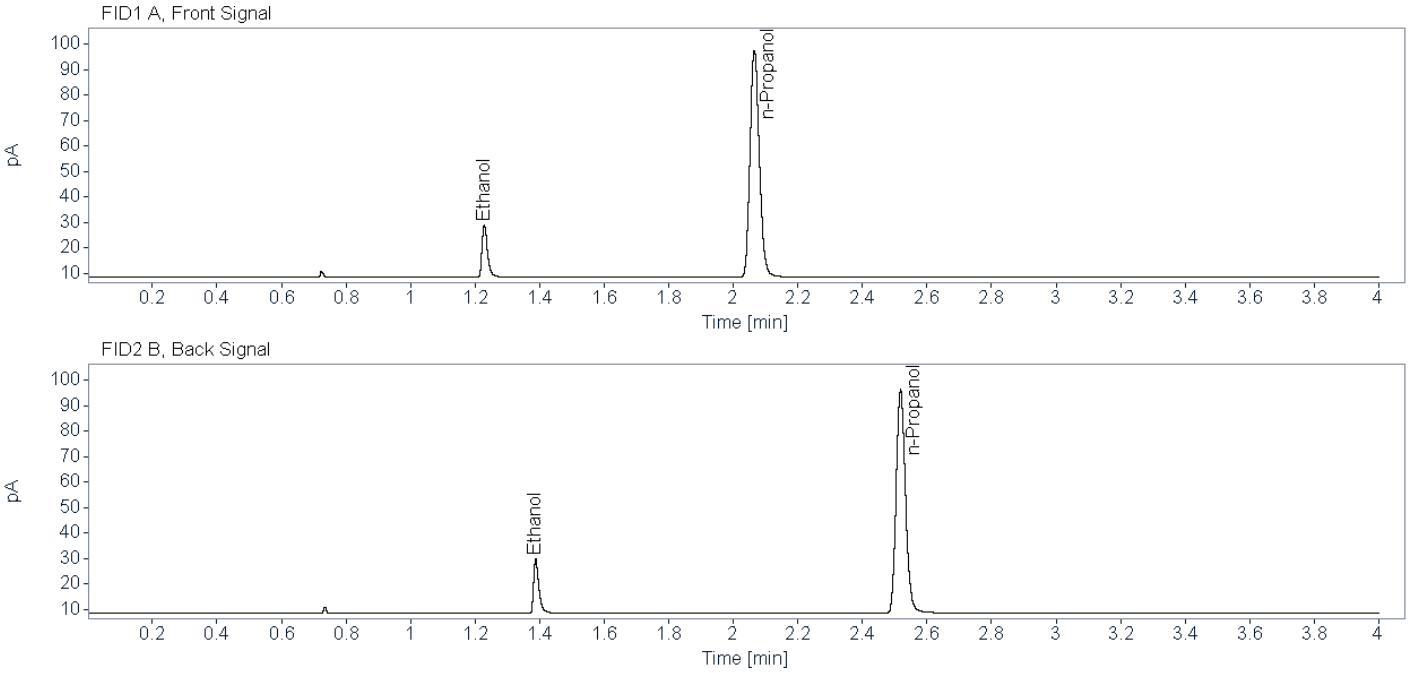
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69606 | 1.231 | 1.231 | 9.5283 | 0.0099 |
| n-Propanol | 0.82226 | 2.066 | 2.066 | 181.6276 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.64637 | 1.392 | 1.392 | 9.3396 | 0.0100 |
| n-Propanol | 0.83901 | 2.520 | 2.520 | 178.9581 | 0.0100 |

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

**Sample Name:** 0.025 g/100mL Cal (25-1141) **Description:** **Sample Barcode** 25-1141 **Vial Number:** 2
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 11:17:42 AM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\002F0201.D




**Name** FID1A

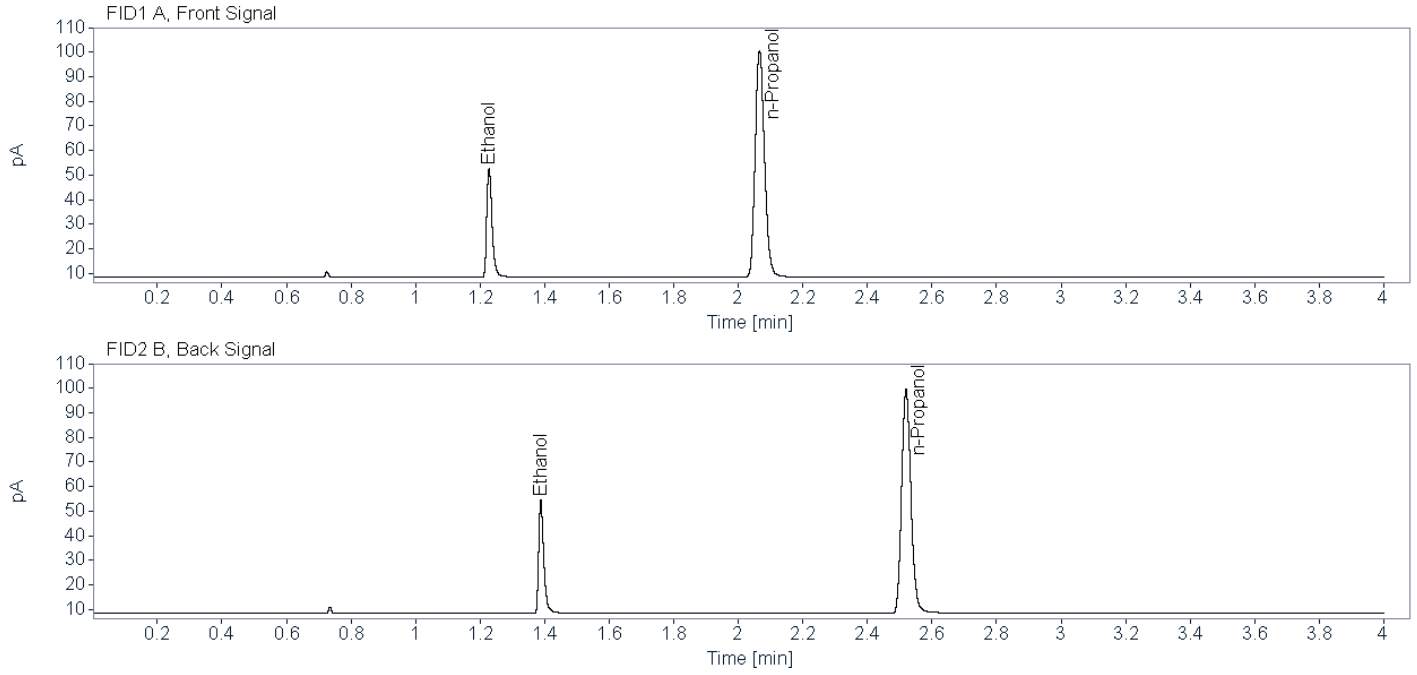
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.68988 | 1.229 | 1.229 | 24.0839 | 0.0249 |
| n-Propanol | 0.83513 | 2.065 | 2.065 | 178.8489 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.65410 | 1.388 | 1.388 | 23.7620 | 0.0248 |
| n-Propanol | 0.84338 | 2.518 | 2.518 | 176.0124 | 0.0100 |

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

**Sample Name:** 0.050 g/100mL Cal (25-1142) **Description:** **Sample Barcode** 25-1142 **Vial Number:** 3
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 11:23:23 AM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\003F0301.D




**Name** FID1A

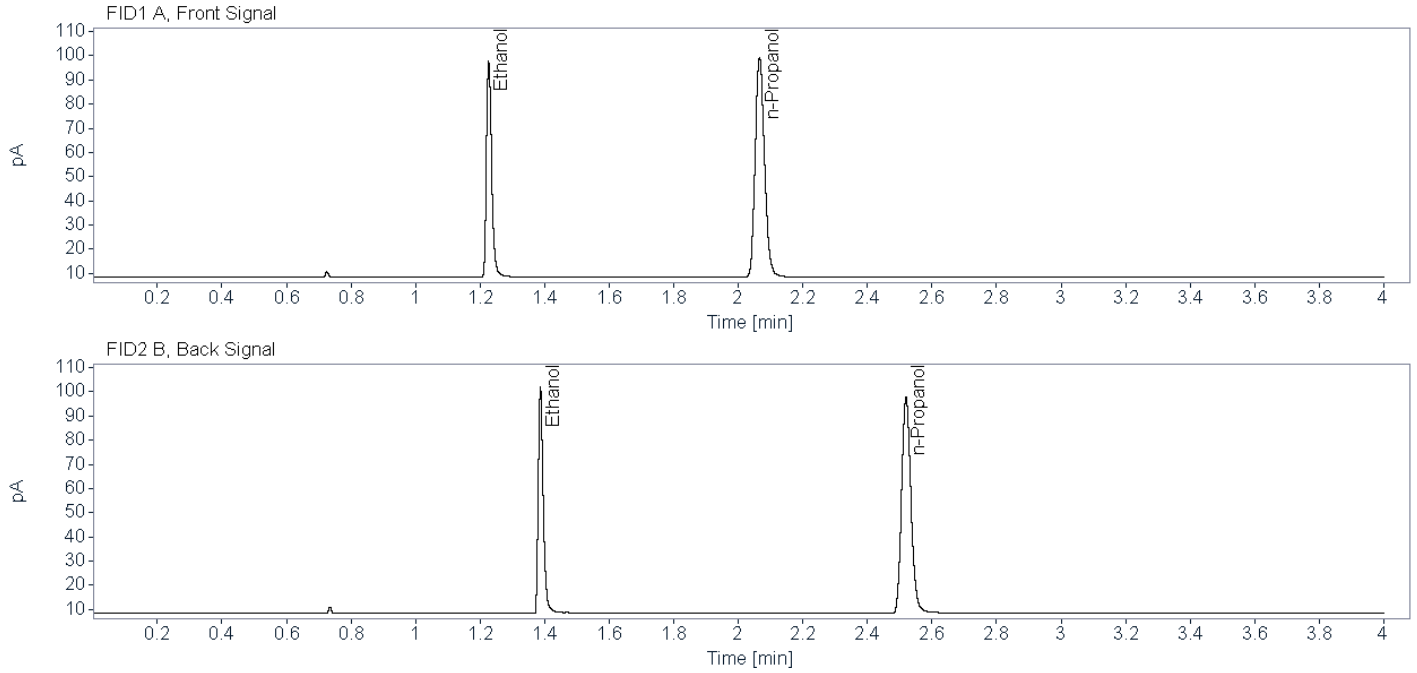
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.70542 | 1.228 | 1.228 | 50.4772 | 0.0499 |
| n-Propanol | 0.82144 | 2.066 | 2.066 | 185.1743 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.67329 | 1.388 | 1.388 | 49.9693 | 0.0498 |
| n-Propanol | 0.83215 | 2.520 | 2.520 | 182.3155 | 0.0100 |

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

**Sample Name:** 0.100 g/100mL Cal (25-1143) **Description:** **Sample Barcode** 25-1143 **Vial Number:** 4
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 11:28:06 AM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\004F0401.D




**Name** FID1A

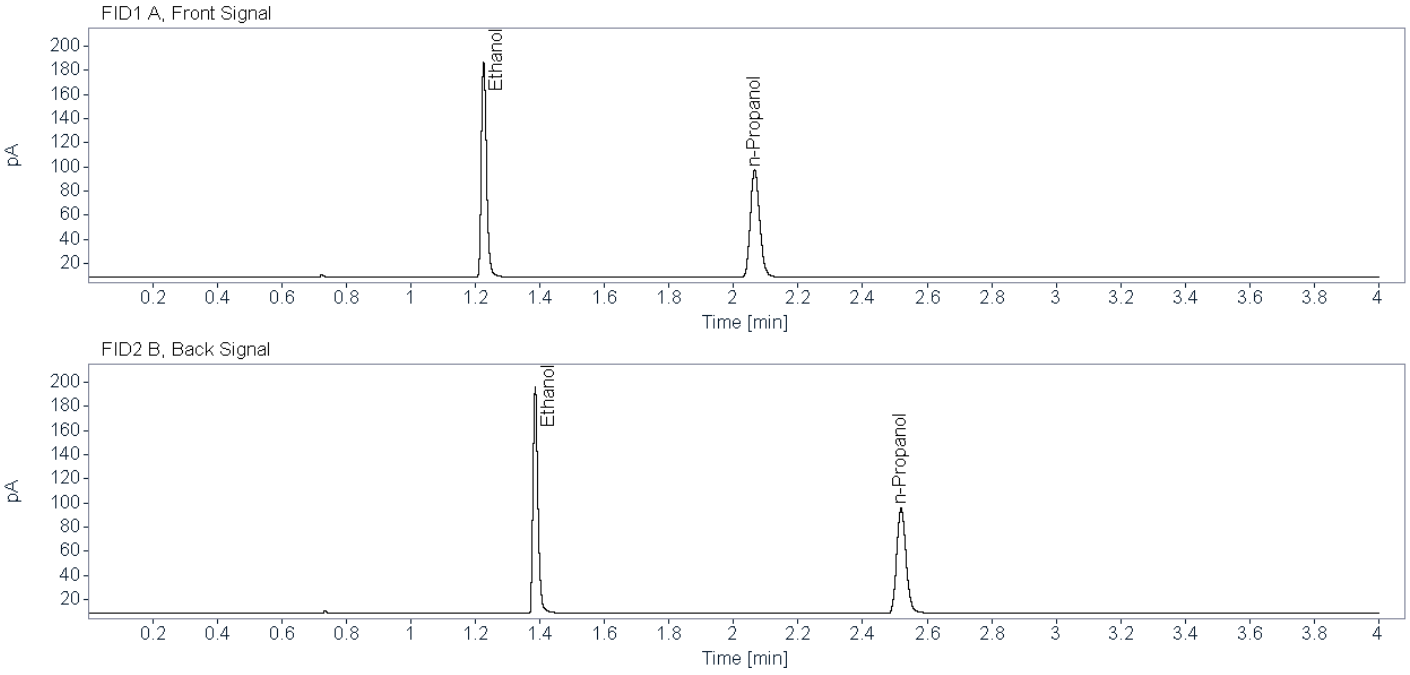
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72684 | 1.227 | 1.227 | 100.5942 | 0.1004 |
| n-Propanol | 0.81894 | 2.066 | 2.066 | 182.6789 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69477 | 1.387 | 1.387 | 100.0628 | 0.1005 |
| n-Propanol | 0.83184 | 2.520 | 2.520 | 179.7228 | 0.0100 |

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

**Sample Name:** 0.200 g/100mL Cal (25-1144) **Description:** **Sample Barcode** 25-1144 **Vial Number:** 5
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 11:33:47 AM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\005F0501.D




**Name** FID1A

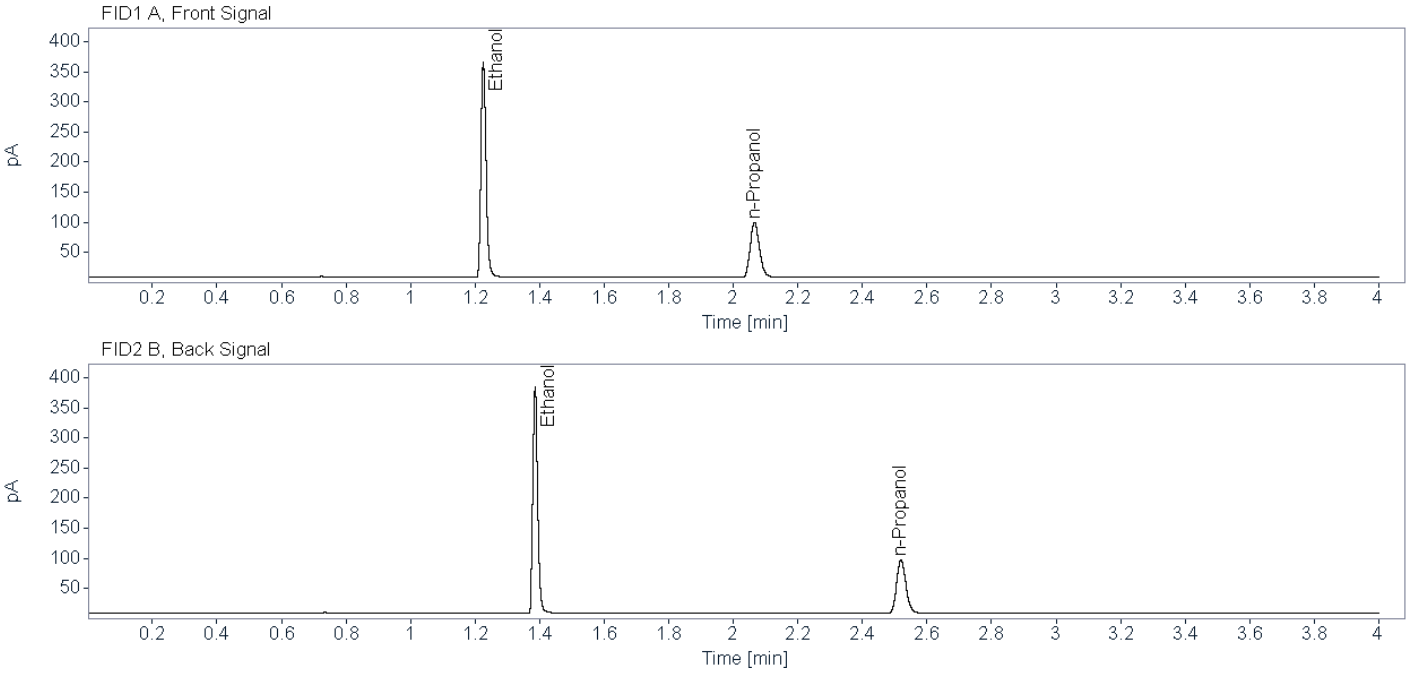
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75206 | 1.226 | 1.226 | 199.9360 | 0.2040 |
| n-Propanol | 0.81731 | 2.066 | 2.066 | 178.2734 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73466 | 1.386 | 1.386 | 198.3056 | 0.2036 |
| n-Propanol | 0.83118 | 2.519 | 2.519 | 175.3185 | 0.0100 |

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

**Sample Name:** 0.400 g/100mL Cal (25-1145) **Description:** **Sample Barcode** 25-1145 **Vial Number:** 6
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 11:38:30 AM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\006F0601.D




**Name** FID1A

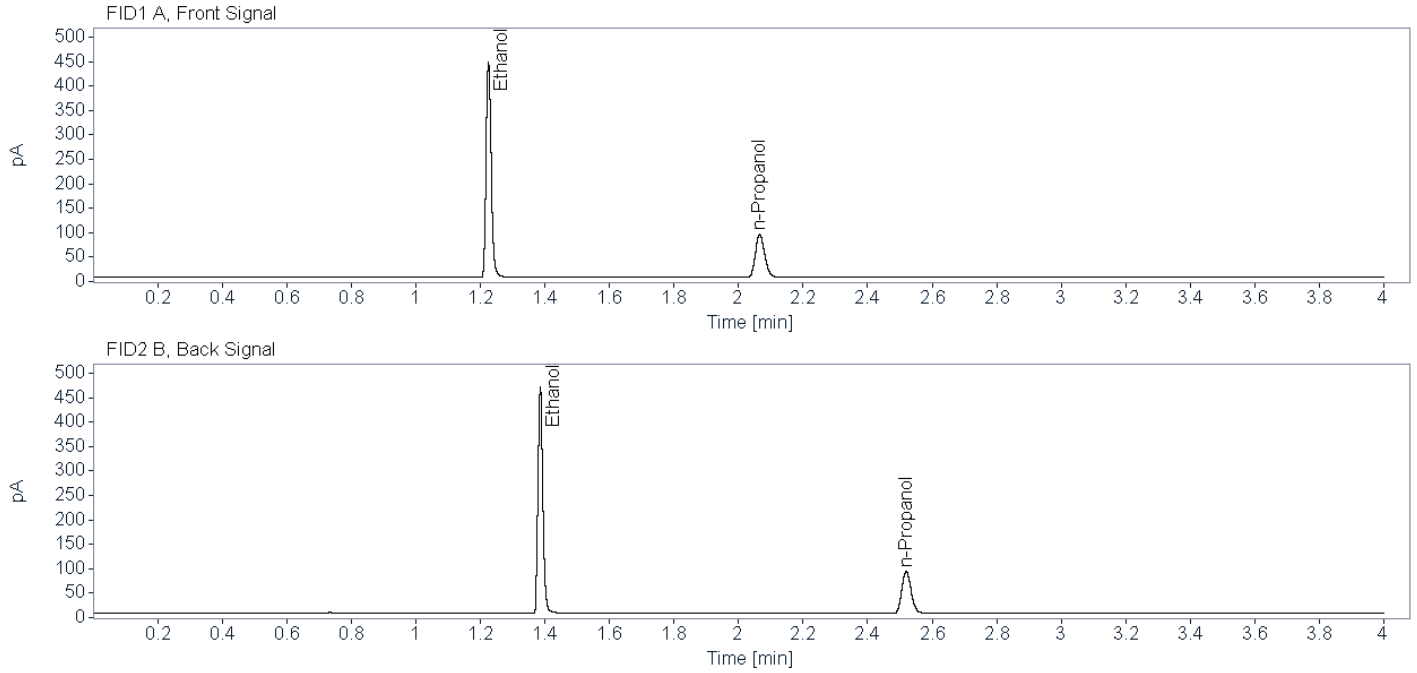
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79345 | 1.225 | 1.225 | 396.8843 | 0.3947 |
| n-Propanol | 0.81969 | 2.066 | 2.066 | 182.7179 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79899 | 1.386 | 1.386 | 395.0359 | 0.3953 |
| n-Propanol | 0.82946 | 2.520 | 2.520 | 179.6388 | 0.0100 |

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

**Sample Name:** 0.500 g/100mL Cal (25-1146) **Description:** **Sample Barcode** 25-1146 **Vial Number:** 7
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 11:44:10 AM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\007F0701.D




**Name** FID1A

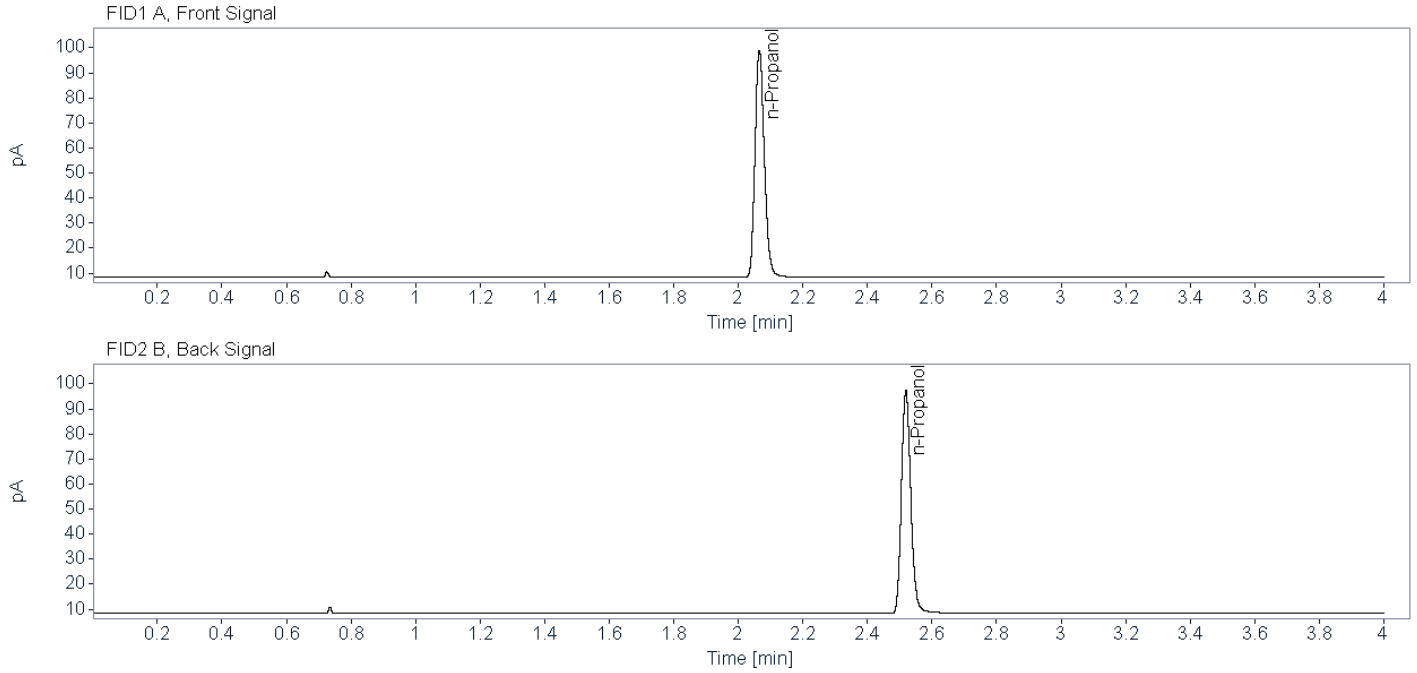
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80564 | 1.225 | 1.225 | 488.5789 | 0.5013 |
| n-Propanol | 0.82034 | 2.066 | 2.066 | 177.0472 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.81229 | 1.386 | 1.386 | 485.6772 | 0.5011 |
| n-Propanol | 0.82833 | 2.519 | 2.519 | 174.1410 | 0.0100 |

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

**Sample Name:** Negative (25-1147) **Description:** **Sample Barcode** 25-1147 **Vial Number:** 8
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 11:48:54 AM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\008F0801.D




**Name** FID1A

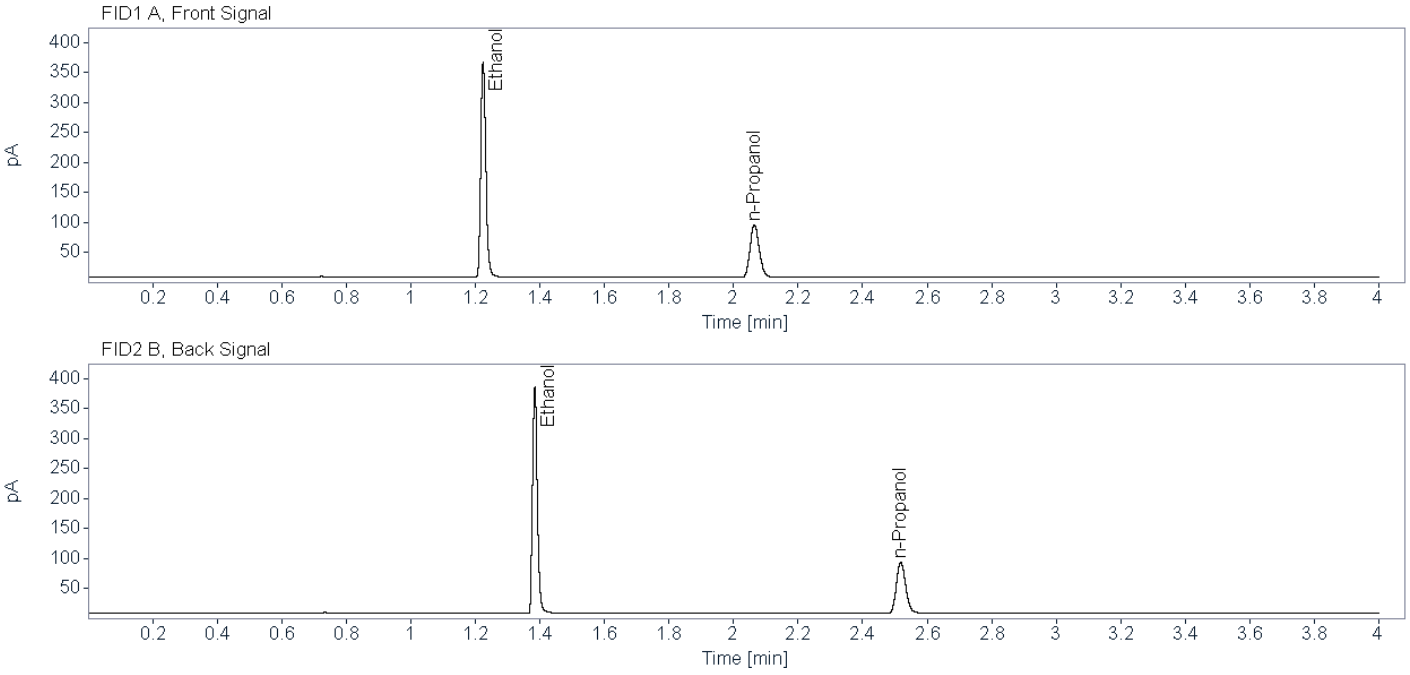
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.83363 | 2.065 | 2.066 | 181.4234 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.82741 | 2.519 | 2.519 | 178.6337 | 0.0100 |

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

**Sample Name:** High QC (25-1148) **Description:** **Sample Barcode** 25-1148 **Vial Number:** 9
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 11:54:35 AM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\009F0901.D




**Name** FID1A

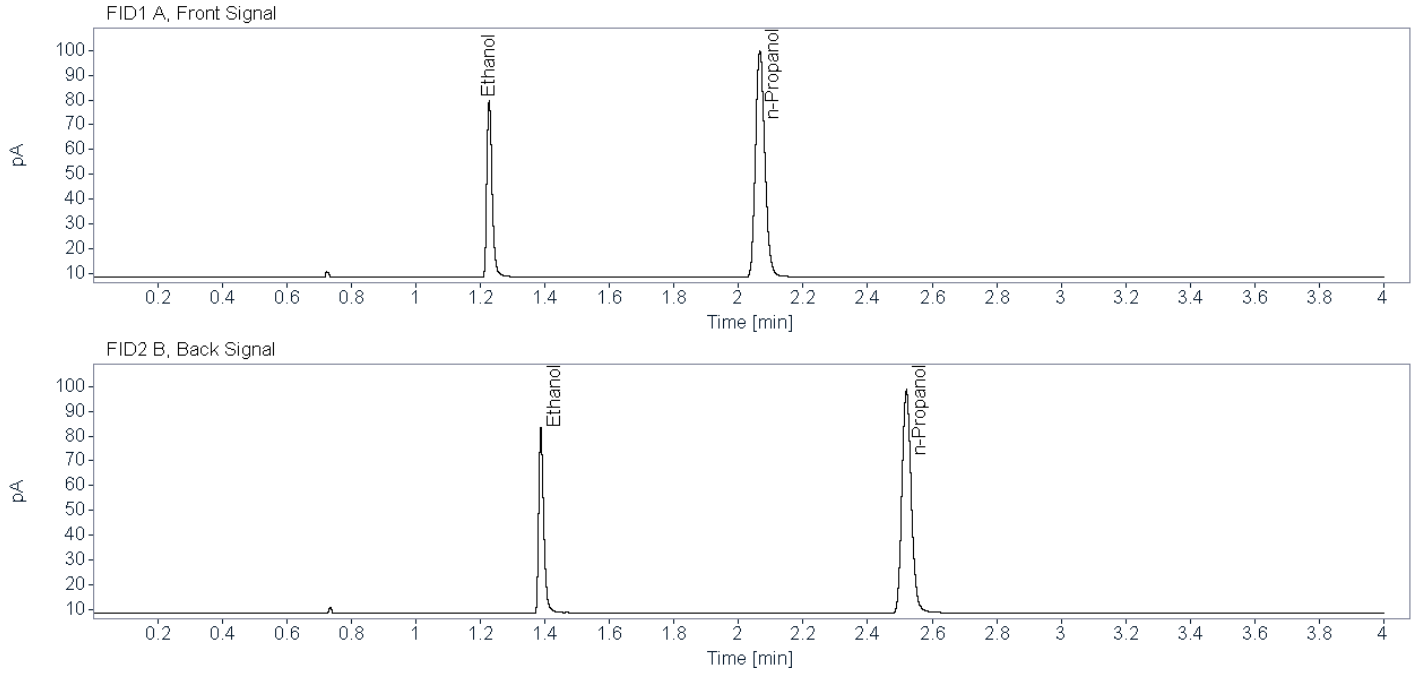
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79044 | 1.224 | 1.225 | 396.1039 | 0.4096 |
| n-Propanol | 0.83354 | 2.065 | 2.066 | 175.7383 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79640 | 1.384 | 1.386 | 393.7893 | 0.4091 |
| n-Propanol | 0.84560 | 2.518 | 2.519 | 173.0112 | 0.0100 |

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

**Sample Name:** Low QC (25-1149) **Description:** **Sample Barcode** 25-1149 **Vial Number:** 10
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 11:59:18 AM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\010F1001.D




**Name** FID1A

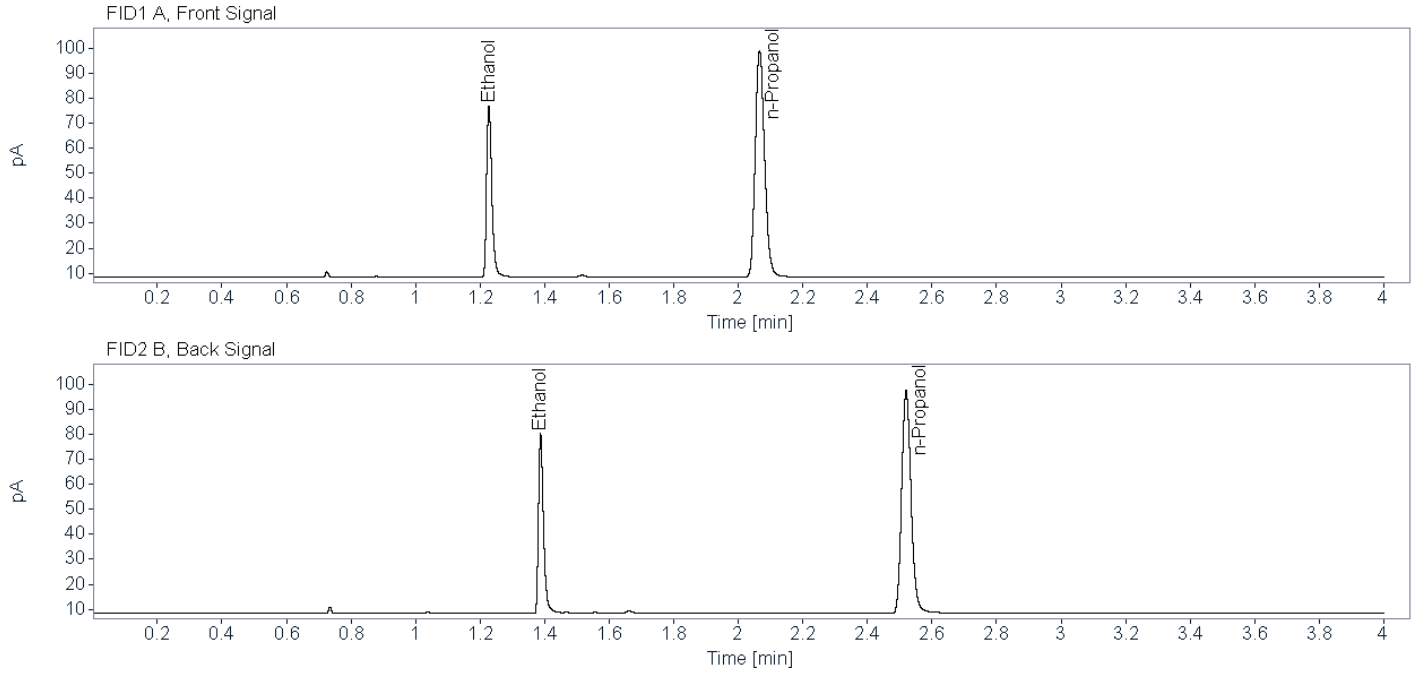
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71980 | 1.227 | 1.225 | 80.9894 | 0.0802 |
| n-Propanol | 0.82192 | 2.066 | 2.066 | 184.3943 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.68967 | 1.388 | 1.386 | 80.5135 | 0.0803 |
| n-Propanol | 0.83910 | 2.520 | 2.519 | 181.2874 | 0.0100 |

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

**Sample Name:** Blood QC A (25-1150) **Description:** **Sample Barcode** 25-1150 **Vial Number:** 11
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 12:04:59 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\011F1101.D




**Name** FID1A

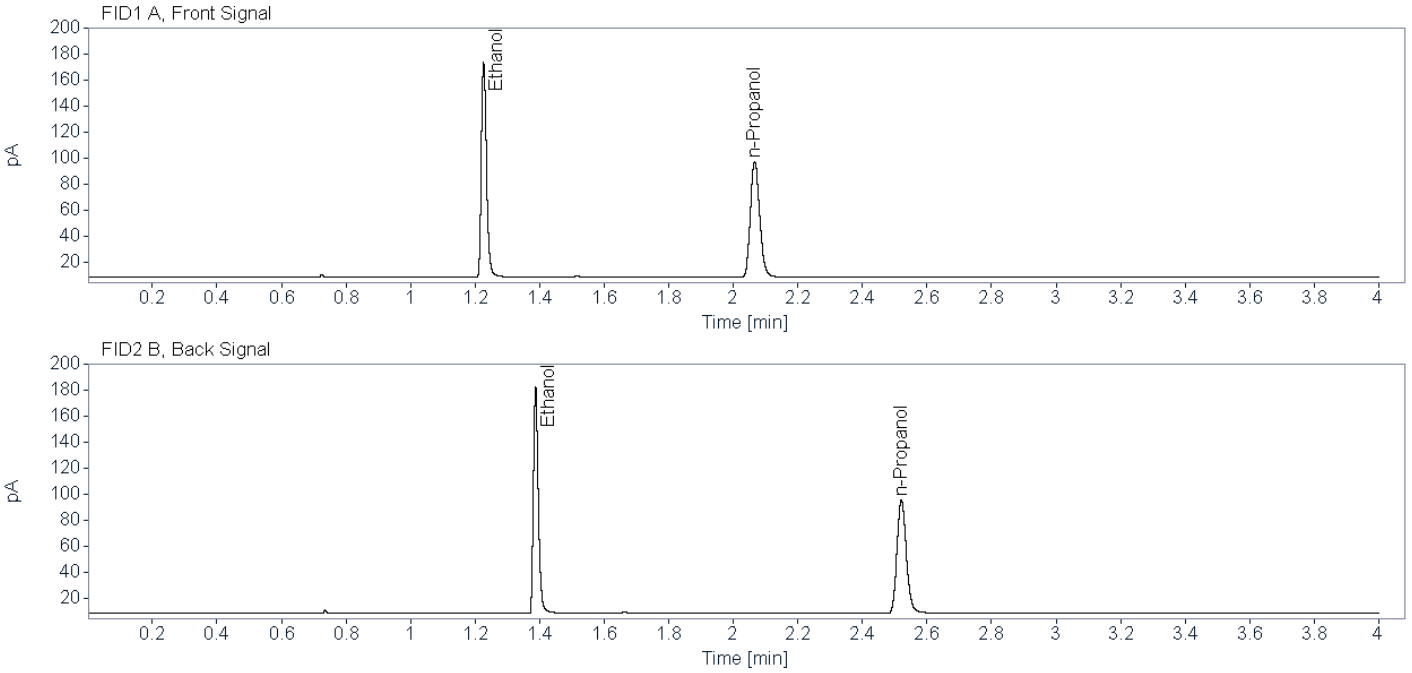
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72253 | 1.227 | 1.225 | 77.6272 | 0.0778 |
| n-Propanol | 0.81758 | 2.066 | 2.066 | 182.1400 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69856 | 1.388 | 1.386 | 77.2030 | 0.0780 |
| n-Propanol | 0.83038 | 2.520 | 2.519 | 179.1226 | 0.0100 |

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

**Sample Name:** Blood QC B (25-1161) **Description:** **Sample Barcode** 25-1161 **Vial Number:** 22
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 1:01:42 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\022F2201.D




**Name** FID1A

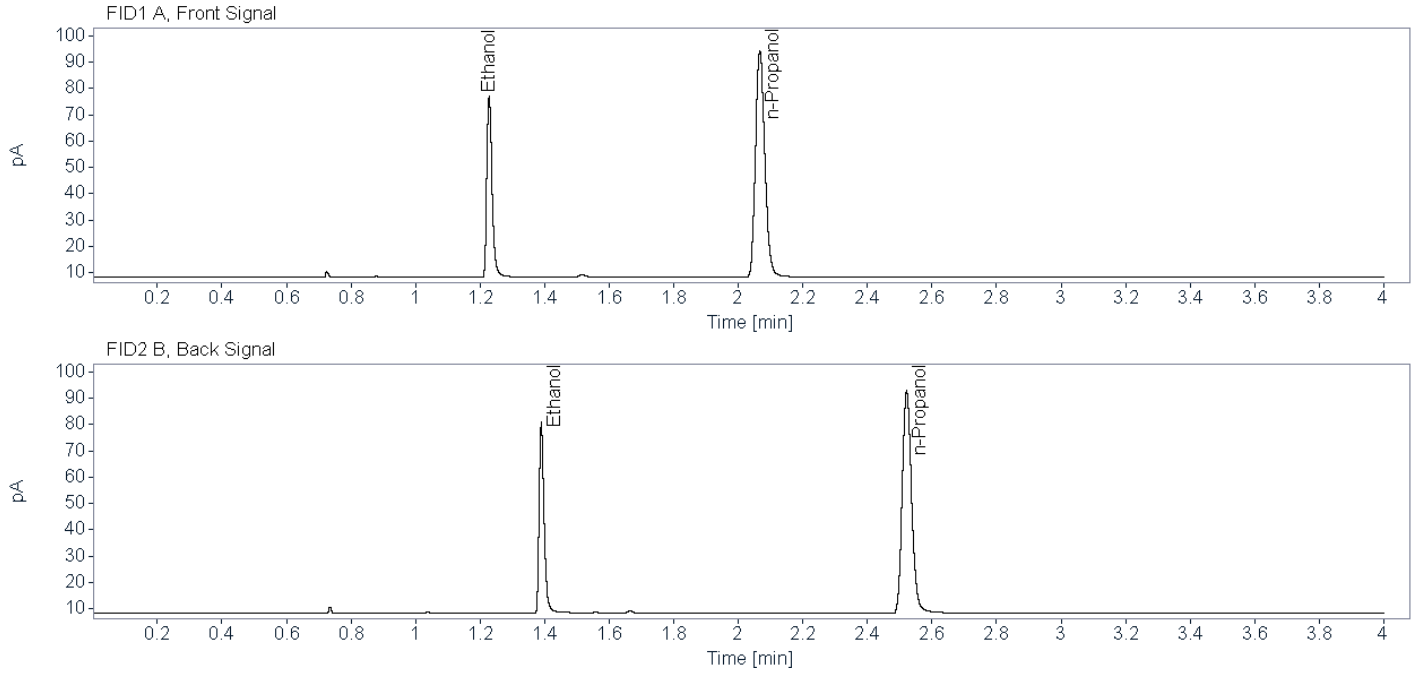
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74891 | 1.227 | 1.225 | 185.6291 | 0.1885 |
| n-Propanol | 0.81400 | 2.066 | 2.066 | 179.1311 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74706 | 1.388 | 1.386 | 184.8353 | 0.1890 |
| n-Propanol | 0.83235 | 2.521 | 2.519 | 176.0509 | 0.0100 |

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

**Sample Name:** Blood QC A (25-1172) **Description:** **Sample Barcode** 25-1172 **Vial Number:** 33
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 1:59:23 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\033F3301.D




**Name** FID1A

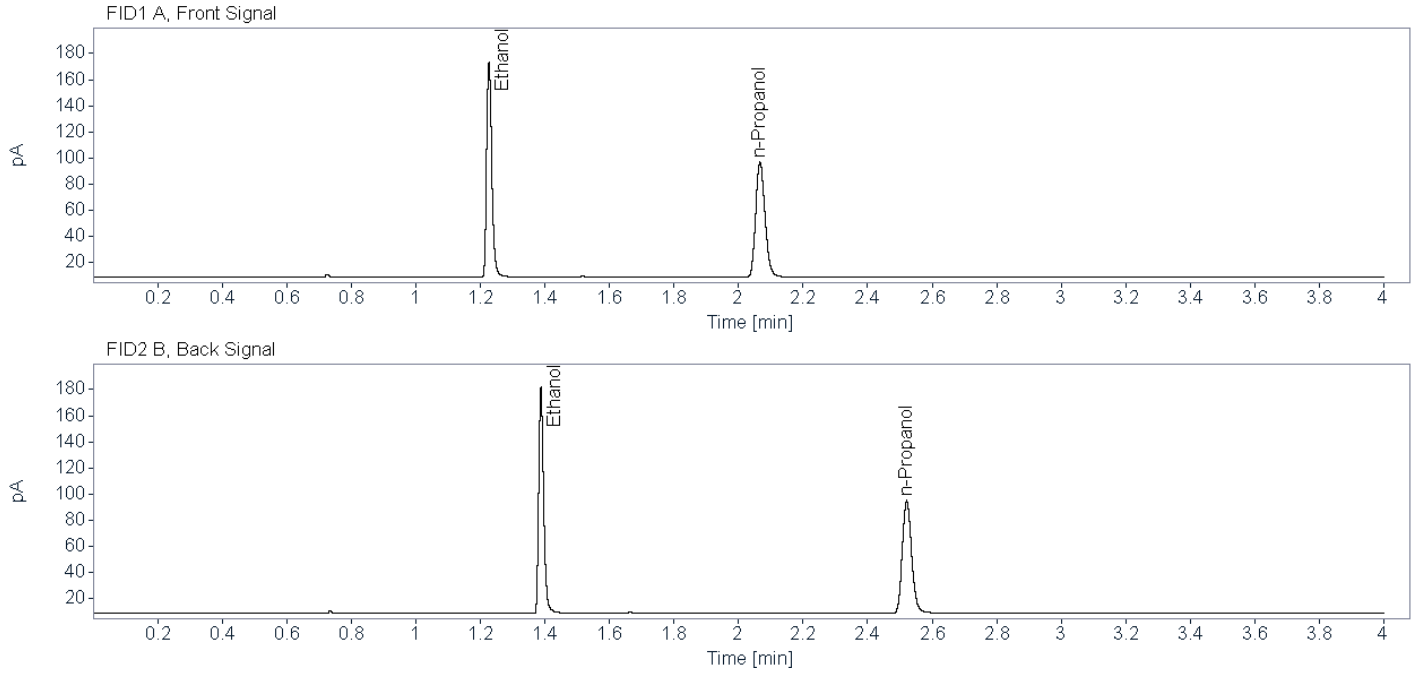
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71787 | 1.228 | 1.225 | 77.7497 | 0.0823 |
| n-Propanol | 0.81321 | 2.067 | 2.066 | 172.4120 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.68514 | 1.390 | 1.386 | 77.3194 | 0.0825 |
| n-Propanol | 0.83324 | 2.522 | 2.519 | 169.4071 | 0.0100 |

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

**Sample Name:** Blood QC B (25-1183) **Description:** **Sample Barcode** 25-1183 **Vial Number:** 44
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 2:56:05 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\044F4401.D




**Name** FID1A

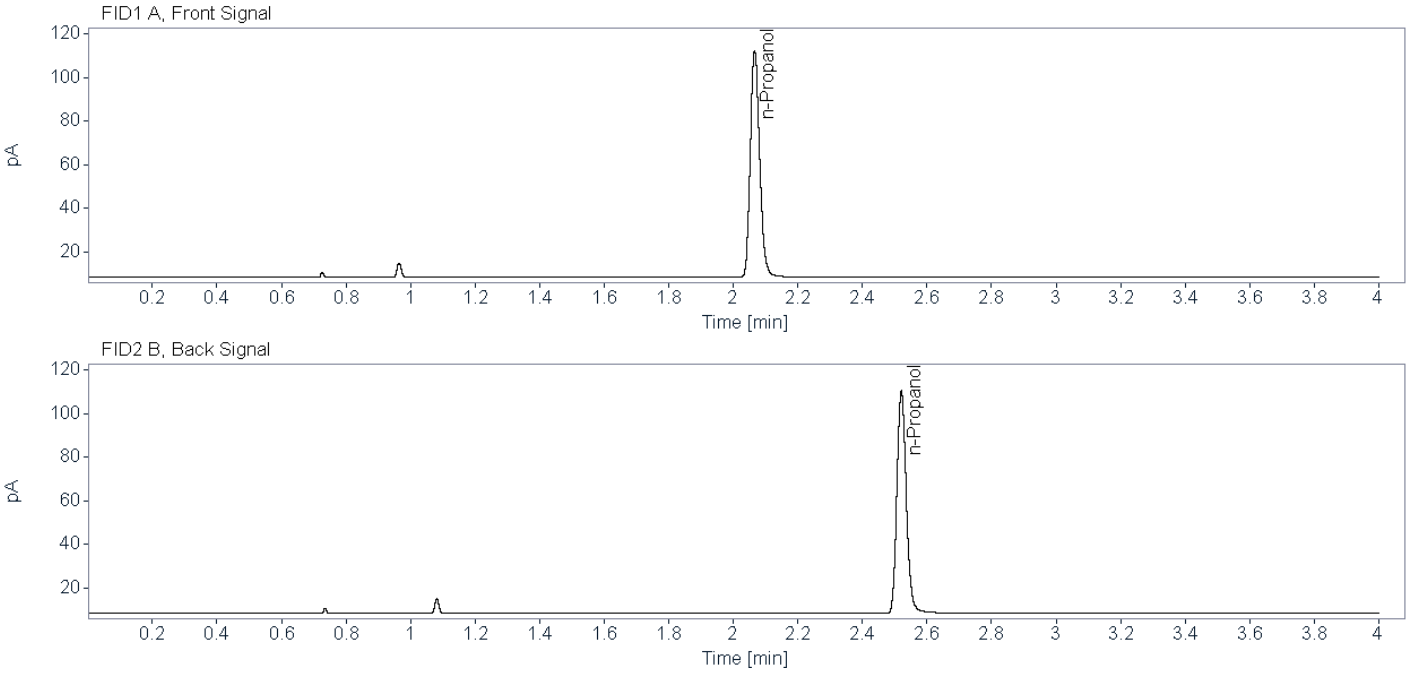
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75889 | 1.227 | 1.225 | 184.3493 | 0.1892 |
| n-Propanol | 0.81834 | 2.067 | 2.066 | 177.2793 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73881 | 1.388 | 1.386 | 183.5814 | 0.1895 |
| n-Propanol | 0.83496 | 2.521 | 2.519 | 174.4205 | 0.0100 |

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

**Sample Name:** IS A (25-1198) **Description:** **Sample Barcode** 25-1198 **Vial Number:** 55
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 3:53:48 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\055F5501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.81755 | 2.066 | 2.066 | 208.9346 | 0.0100 |

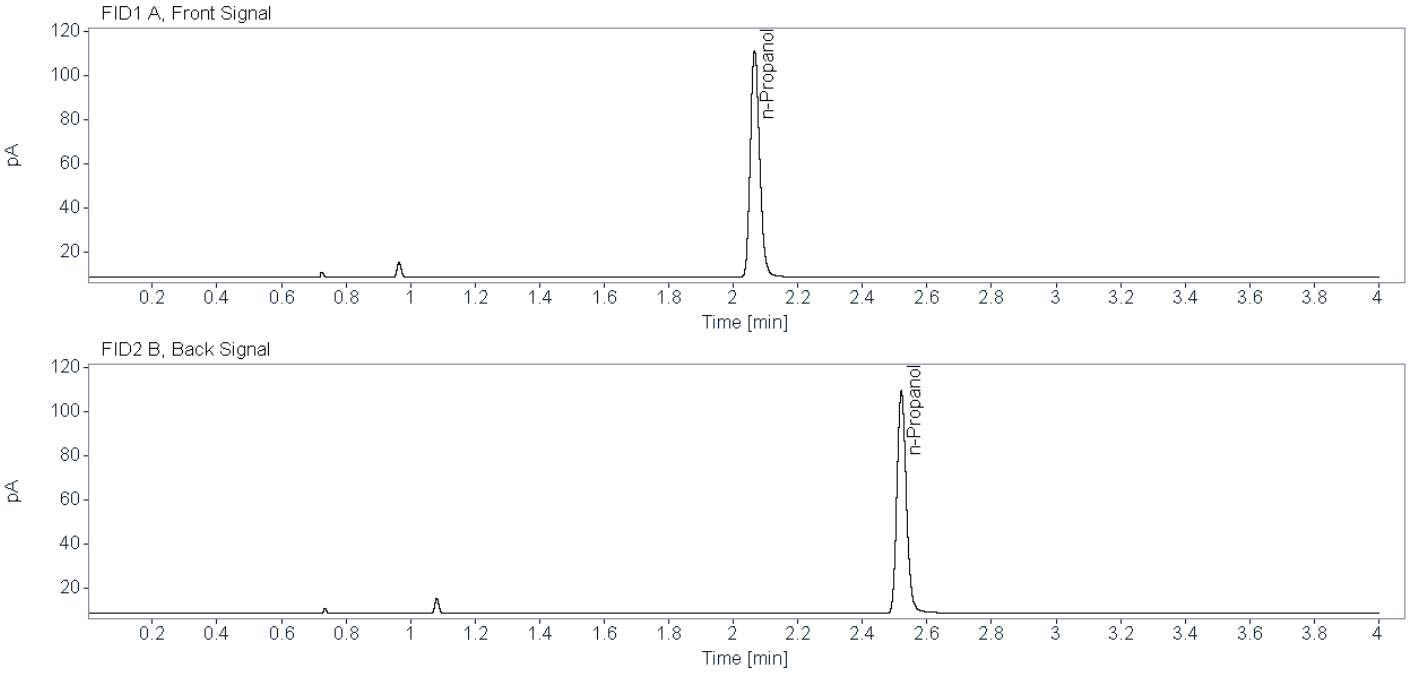
**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.83837 | 2.521 | 2.519 | 205.6933 | 0.0100 |

IS is within +/- 20% of the negative, acceptable for use in casework -KB 7/30/2025

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

**Sample Name:** IS B (25-1199) **Description:** **Sample Barcode** 25-1199 **Vial Number:** 56
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 3:58:30 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\056F5601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.81521 | 2.066 | 2.066 | 206.2090 | 0.0100 |

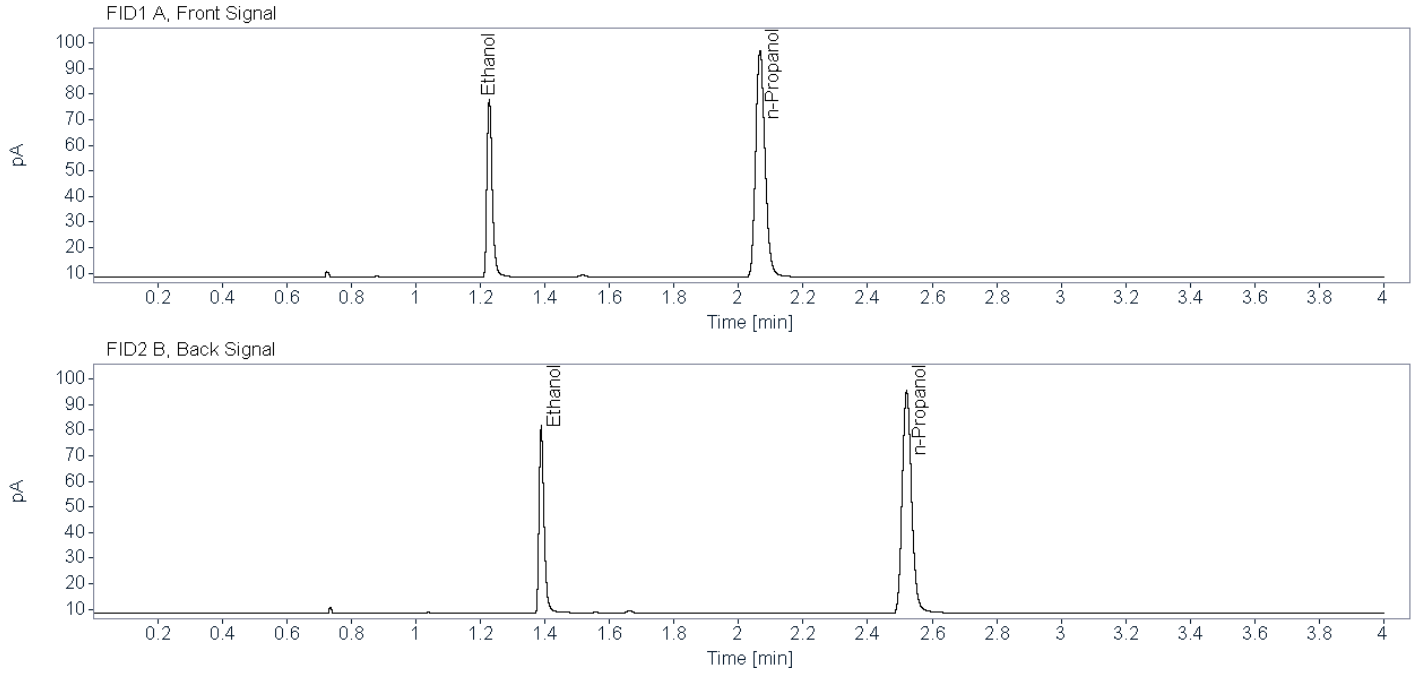
**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.84009 | 2.521 | 2.519 | 203.0625 | 0.0100 |

IS is within +/- 20% of the negative, acceptable for use in casework -KB 7/30/2025

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

**Sample Name:** Blood QC A (25-1194) **Description:** **Sample Barcode** 25-1194 **Vial Number:** 57
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 4:04:11 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\057F5701.D




**Name** FID1A

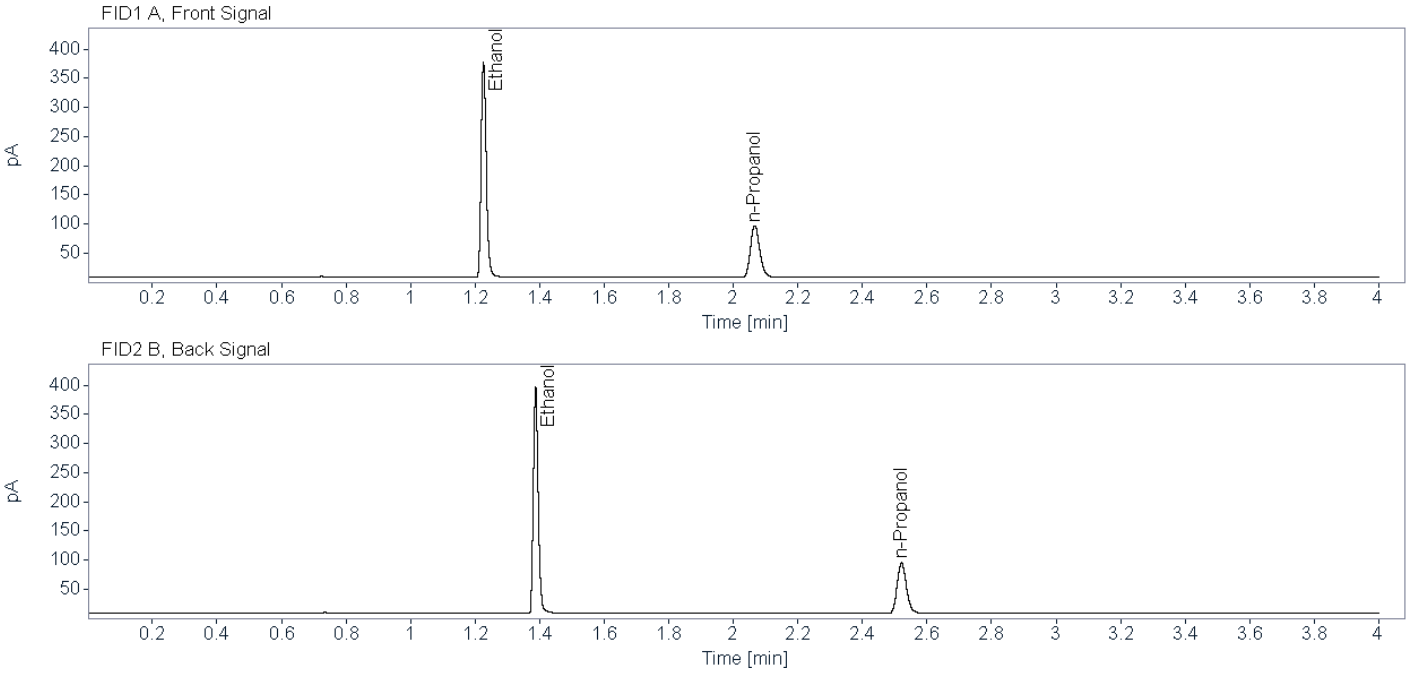
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71968 | 1.228 | 1.225 | 79.2875 | 0.0812 |
| n-Propanol | 0.81493 | 2.067 | 2.066 | 178.2464 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69361 | 1.389 | 1.386 | 79.0102 | 0.0814 |
| n-Propanol | 0.83372 | 2.521 | 2.519 | 175.4632 | 0.0100 |

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

**Sample Name:** High QC (25-1195) **Description:** **Sample Barcode** 25-1195 **Vial Number:** 58
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 4:08:54 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\058F5801.D




**Name** FID1A

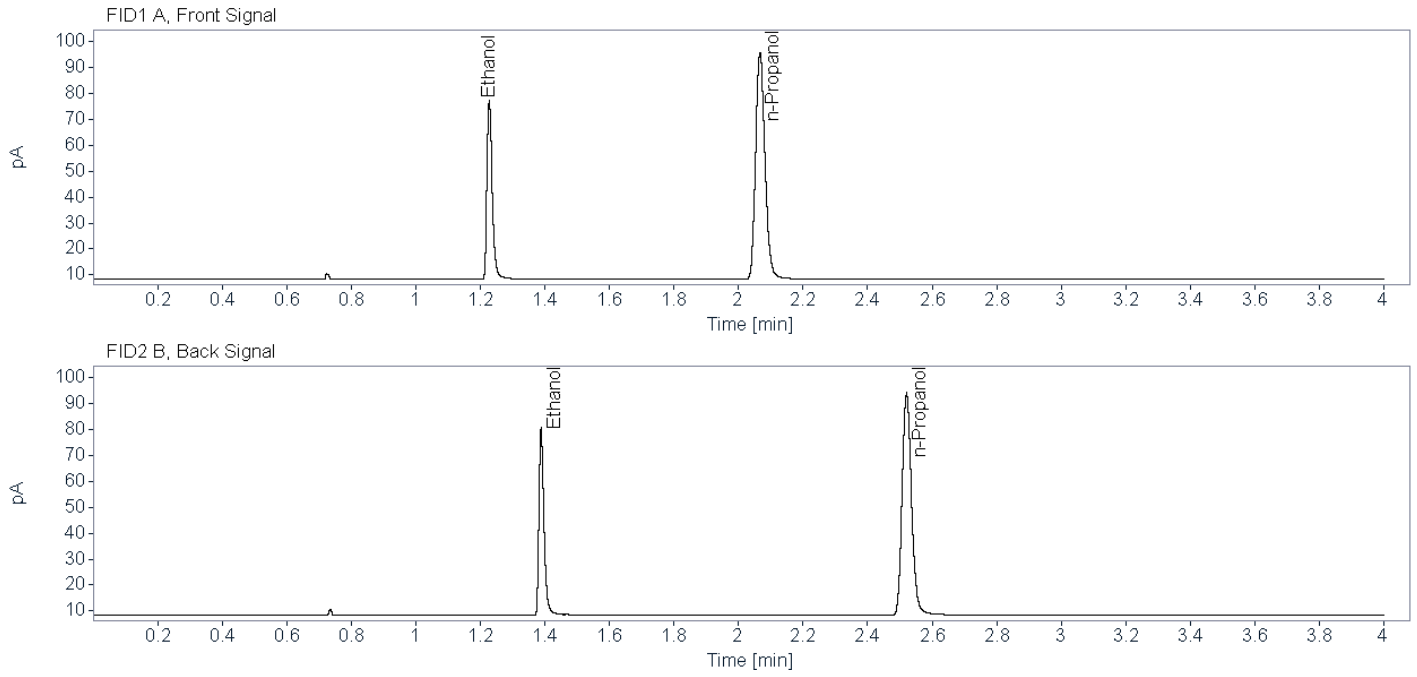
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79417 | 1.226 | 1.225 | 408.9124 | 0.4176 |
| n-Propanol | 0.81052 | 2.067 | 2.066 | 177.9172 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.81399 | 1.388 | 1.386 | 406.7387 | 0.4183 |
| n-Propanol | 0.83485 | 2.521 | 2.519 | 174.7685 | 0.0100 |

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

**Sample Name:** Low QC (25-1196) **Description:** **Sample Barcode** 25-1196 **Vial Number:** 59
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 4:14:35 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\059F5901.D




**Name** FID1A

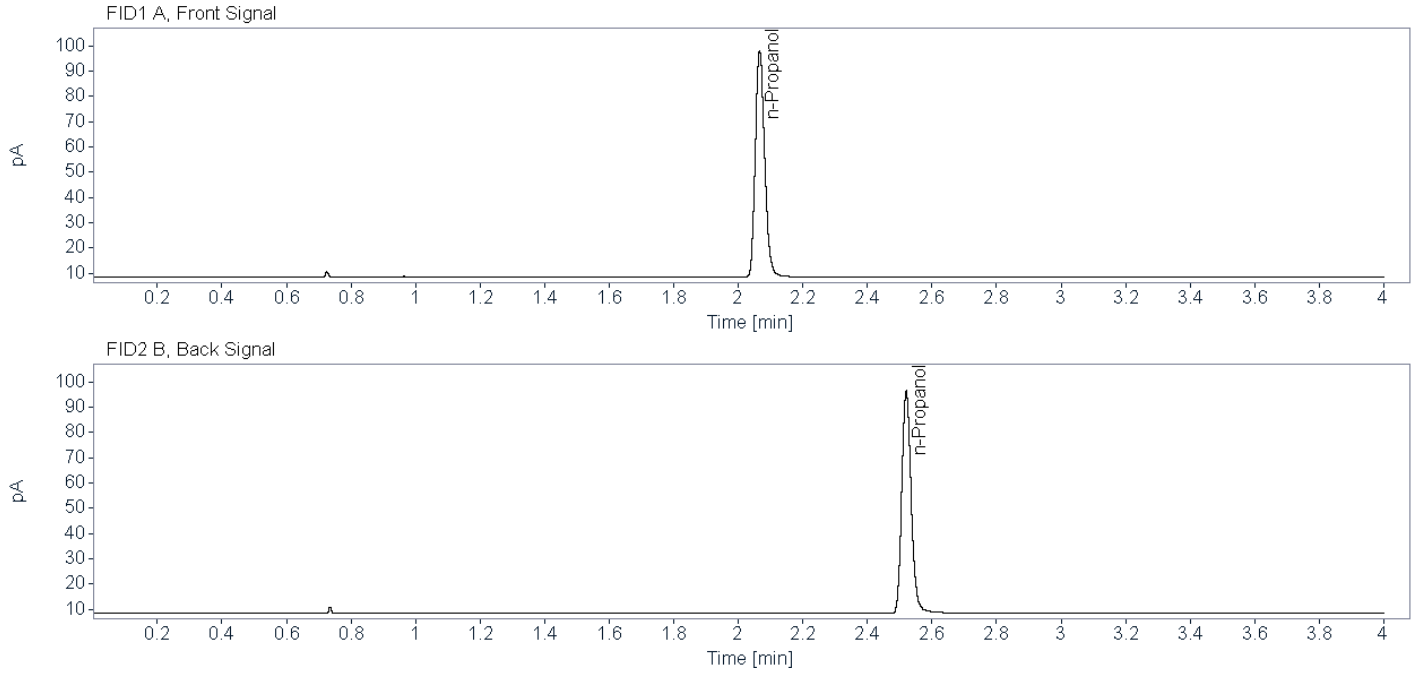
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71673 | 1.228 | 1.225 | 77.9771 | 0.0813 |
| n-Propanol | 0.81347 | 2.066 | 2.066 | 175.0813 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.68770 | 1.388 | 1.386 | 77.7012 | 0.0816 |
| n-Propanol | 0.82968 | 2.521 | 2.519 | 172.1525 | 0.0100 |

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

**Sample Name:** DI Water (25-1197) **Description:** **Sample Barcode** 25-1197 **Vial Number:** 60
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 4:19:19 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\060F6001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.80946 | 2.066 | 2.066 | 180.2864 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.82647 | 2.520 | 2.519 | 177.1406 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1084 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0909 | Aliquot 1: | 0.0908 |
| | Aliquot 2: | 0.0961 | Aliquot 2: | 0.0962 |

**Reported Result: 0.093 g/100 mL**

**Reported UM: 0.015 g/100 mL**

**Comments:**

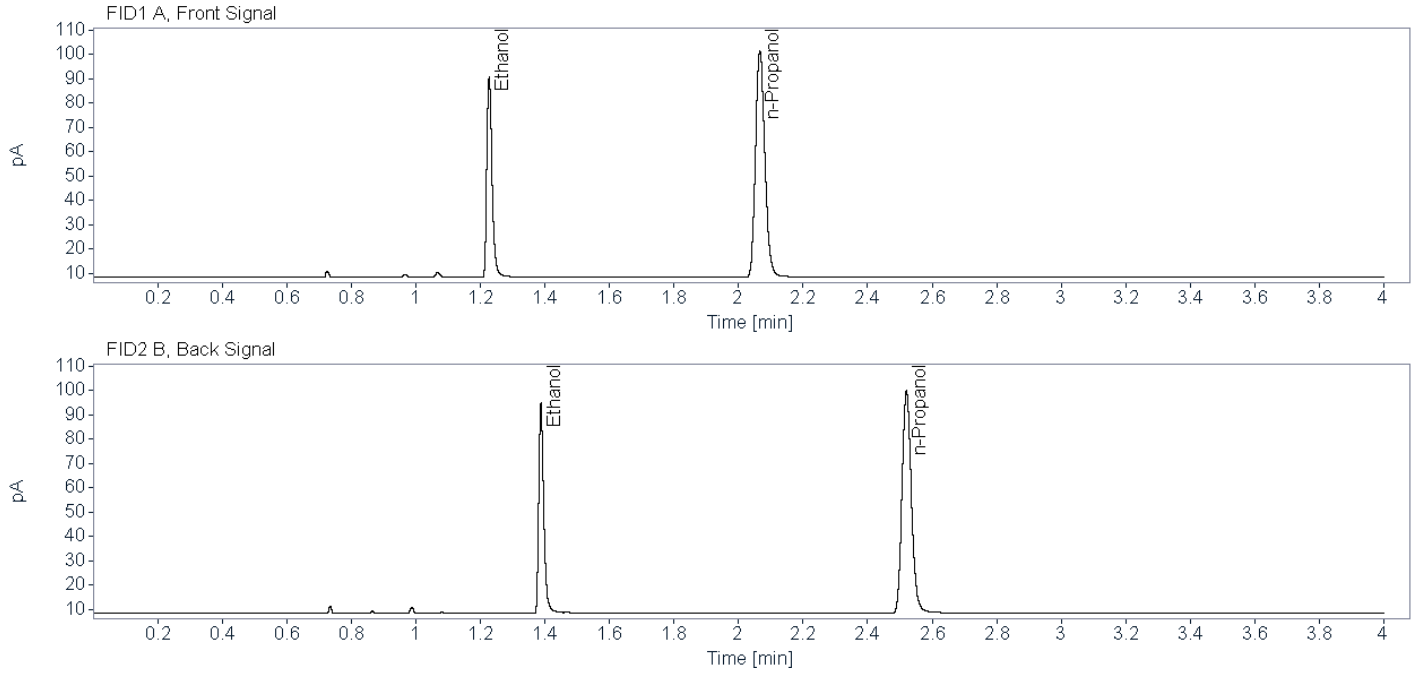
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1084 001_001 (25-1151) **Description:** Alq 1 **Sample Barcode** 25-1151 **Vial Number:** 12

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 12:09:42 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\012F1201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72352 | 1.227 | 1.225 | 93.1356 | 0.0909 |
| n-Propanol | 0.82072 | 2.066 | 2.066 | 186.8931 | 0.0100 |

**Name** FID2B

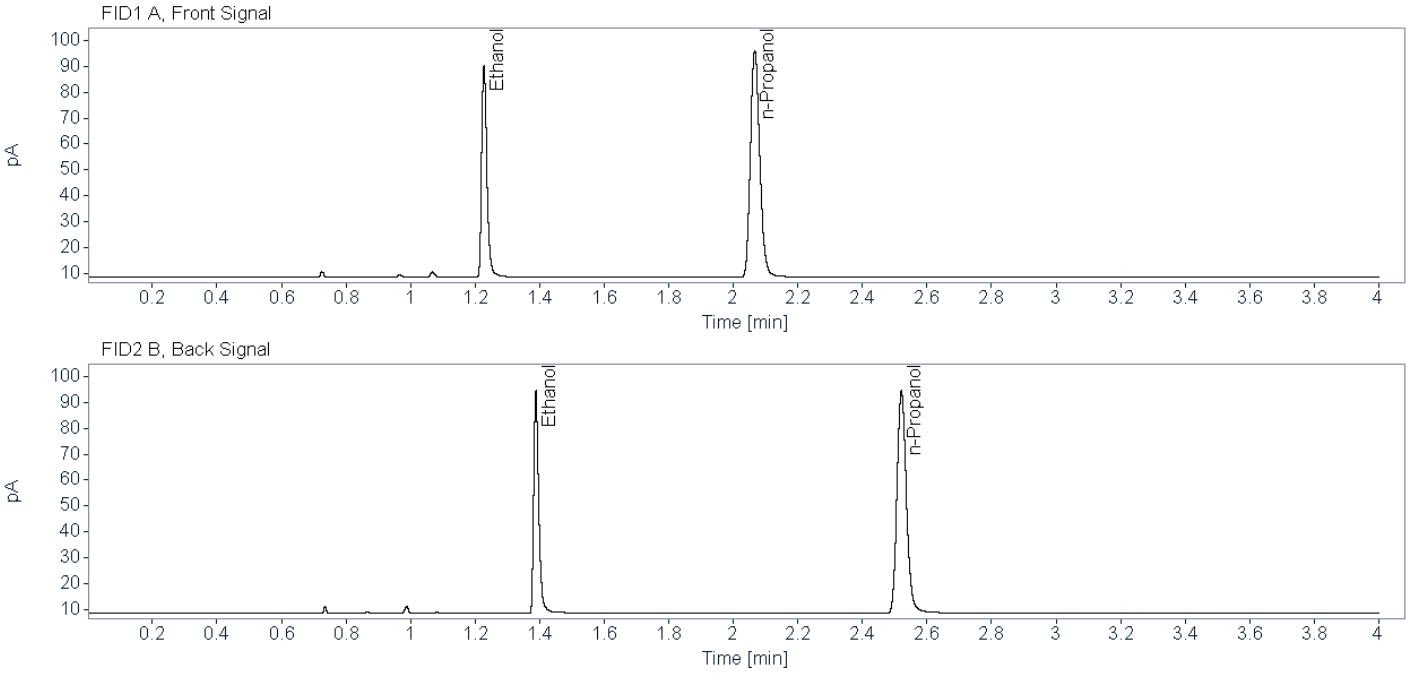
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69905 | 1.388 | 1.386 | 92.4875 | 0.0908 |
| n-Propanol | 0.83963 | 2.520 | 2.519 | 183.9530 | 0.0100 |

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

**Sample Name:** BCCL-25-1084 001_001 (25-1193) **Description:** Alq 2 **Sample Barcode** 25-1193 **Vial Number:** 54

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 3:48:05 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\054F5401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72894 | 1.228 | 1.225 | 92.9172 | 0.0961 |
| n-Propanol | 0.81028 | 2.067 | 2.066 | 176.2092 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69876 | 1.389 | 1.386 | 92.2884 | 0.0962 |
| n-Propanol | 0.82869 | 2.521 | 2.519 | 173.2378 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1086 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1943 | Aliquot 1: | 0.1936 |
| | Aliquot 2: | 0.2039 | Aliquot 2: | 0.2042 |

**Reported Result: 0.199 g/100 mL**

**Reported UM: 0.032 g/100 mL**

**Comments:**

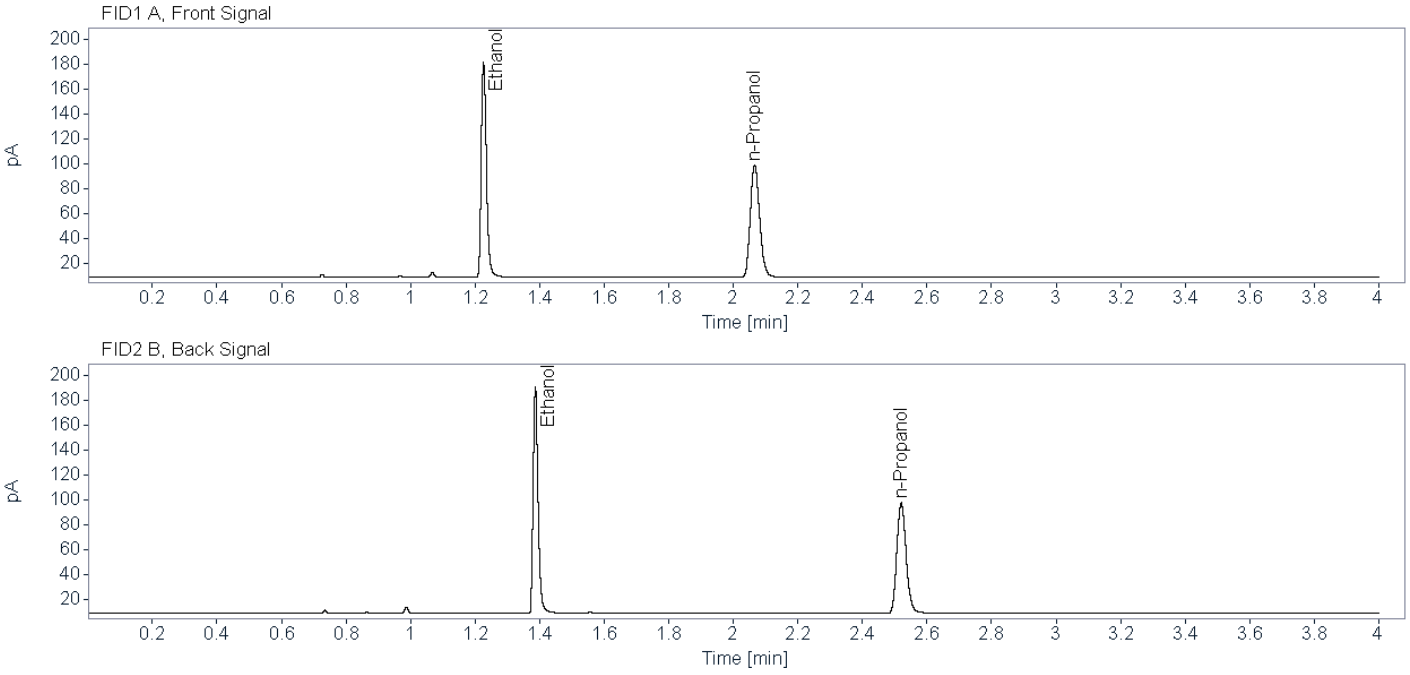
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1086 001_001 (25-1152) **Description:** Alq 1 **Sample Barcode** 25-1152 **Vial Number:** 13

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 12:15:23 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\013F1301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75945 | 1.226 | 1.225 | 194.6335 | 0.1943 |
| n-Propanol | 0.81881 | 2.066 | 2.066 | 182.1849 | 0.0100 |

**Name** FID2B

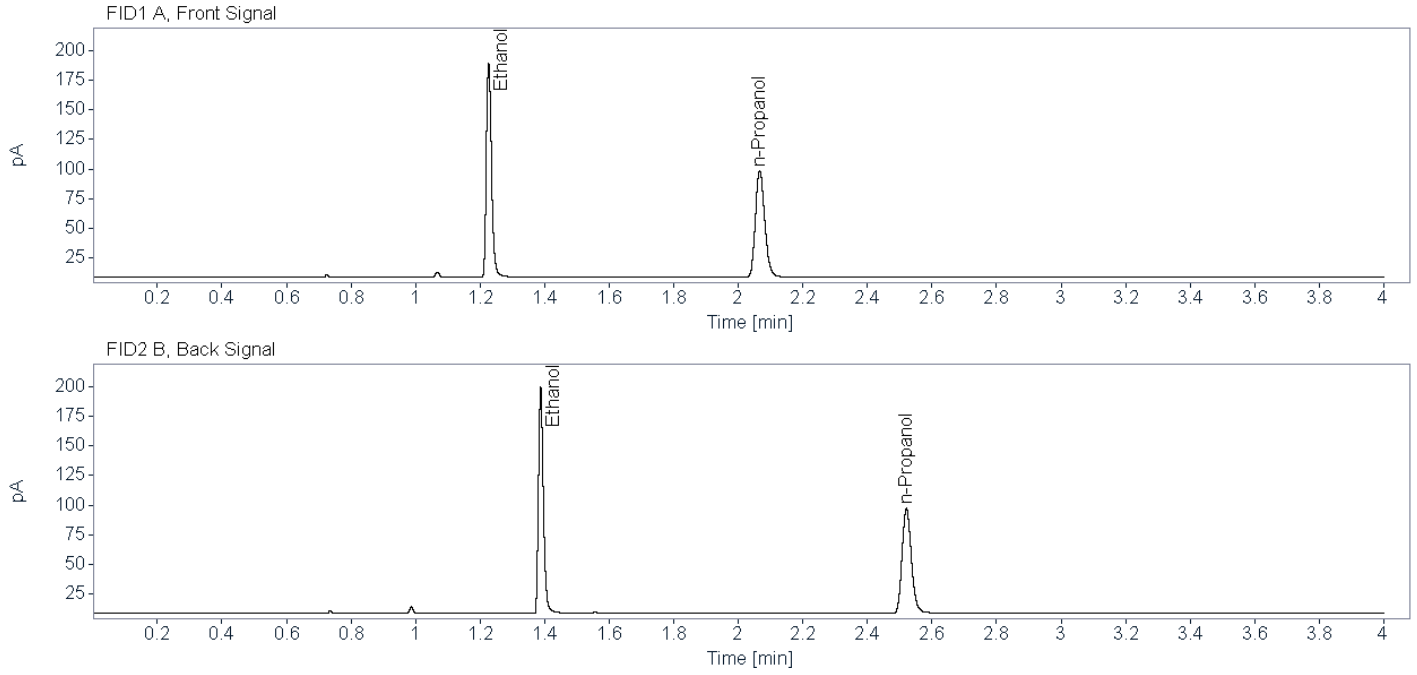
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73593 | 1.387 | 1.386 | 192.8032 | 0.1936 |
| n-Propanol | 0.83221 | 2.520 | 2.519 | 179.2553 | 0.0100 |

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

**Sample Name:** BCCL-25-1086 001_001 (25-1192) **Description:** Alq 2 **Sample Barcode** 25-1192 **Vial Number:** 53

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 3:43:23 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\053F5301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74849 | 1.227 | 1.225 | 203.2245 | 0.2039 |
| n-Propanol | 0.80985 | 2.067 | 2.066 | 181.3053 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75628 | 1.388 | 1.386 | 202.1521 | 0.2042 |
| n-Propanol | 0.82995 | 2.521 | 2.519 | 178.2242 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1087 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0709 | Aliquot 1: | 0.0711 |
| | Aliquot 2: | 0.0738 | Aliquot 2: | 0.0737 |

**Reported Result: 0.072 g/100 mL**

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

**Comments:**

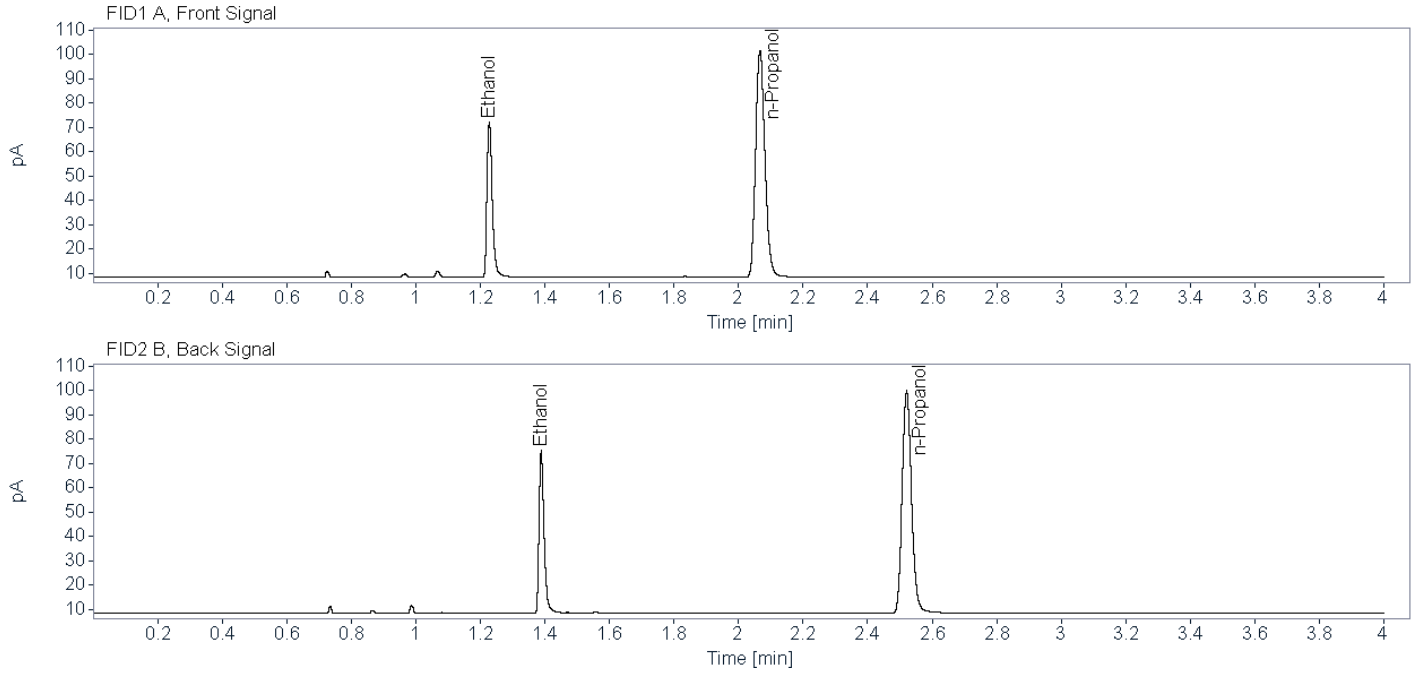
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1087 001_001 (25-1153) **Description:** Alq 1 **Sample Barcode** 25-1153 **Vial Number:** 14

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 12:20:06 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\014F1401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72040 | 1.228 | 1.225 | 72.5431 | 0.0709 |
| n-Propanol | 0.82353 | 2.066 | 2.066 | 186.8929 | 0.0100 |

**Name** FID2B

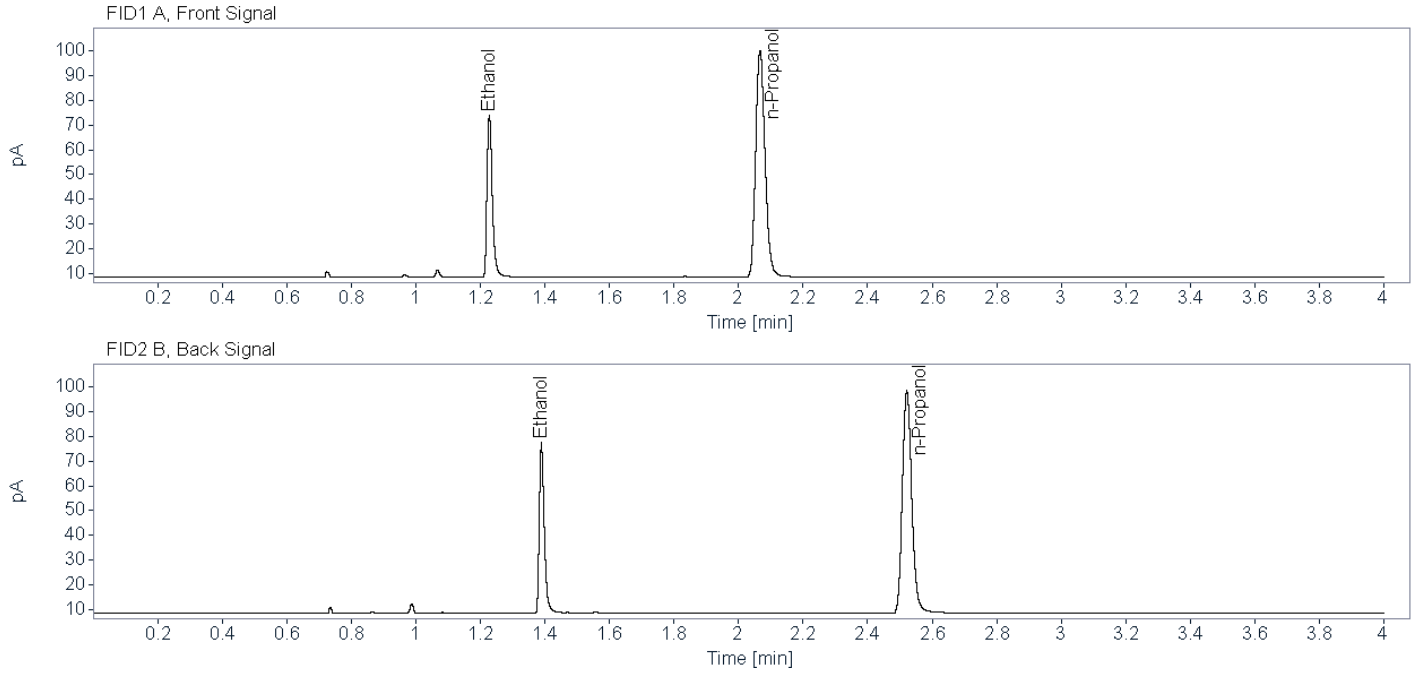
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.68957 | 1.389 | 1.386 | 72.2897 | 0.0711 |
| n-Propanol | 0.83910 | 2.521 | 2.519 | 184.1465 | 0.0100 |

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

**Sample Name:** BCCL-25-1087 001_001 (25-1191) **Description:** Alq 2 **Sample Barcode** 25-1191 **Vial Number:** 52

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 3:37:42 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\052F5201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.71978 | 1.228 | 1.225 | 74.5495 | 0.0738 |
| n-Propanol | 0.81745 | 2.067 | 2.066 | 184.3669 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.67946 | 1.389 | 1.386 | 74.1258 | 0.0737 |
| n-Propanol | 0.83985 | 2.521 | 2.519 | 181.9081 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1112 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1529 | Aliquot 1: | 0.1526 |
| | Aliquot 2: | 0.1601 | Aliquot 2: | 0.1597 |

**Reported Result: 0.156 g/100 mL**

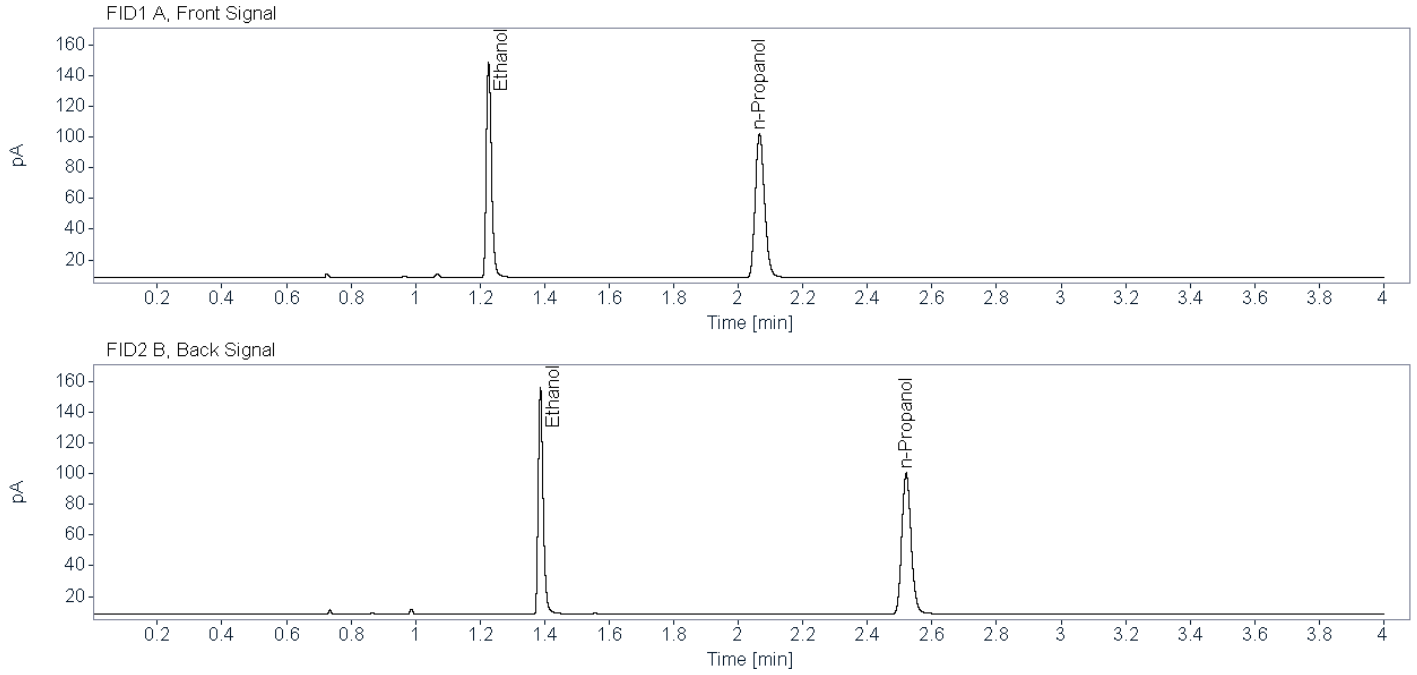
**Reported UM: 0.025 g/100 mL**

**Comments:**

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

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

**Sample Name:** BCCL-25-1112 001_001 (25-1154) **Description:** Alq 1 **Sample Barcode** 25-1154 **Vial Number:** 15
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 12:25:47 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\015F1501.D




**Name** FID1A

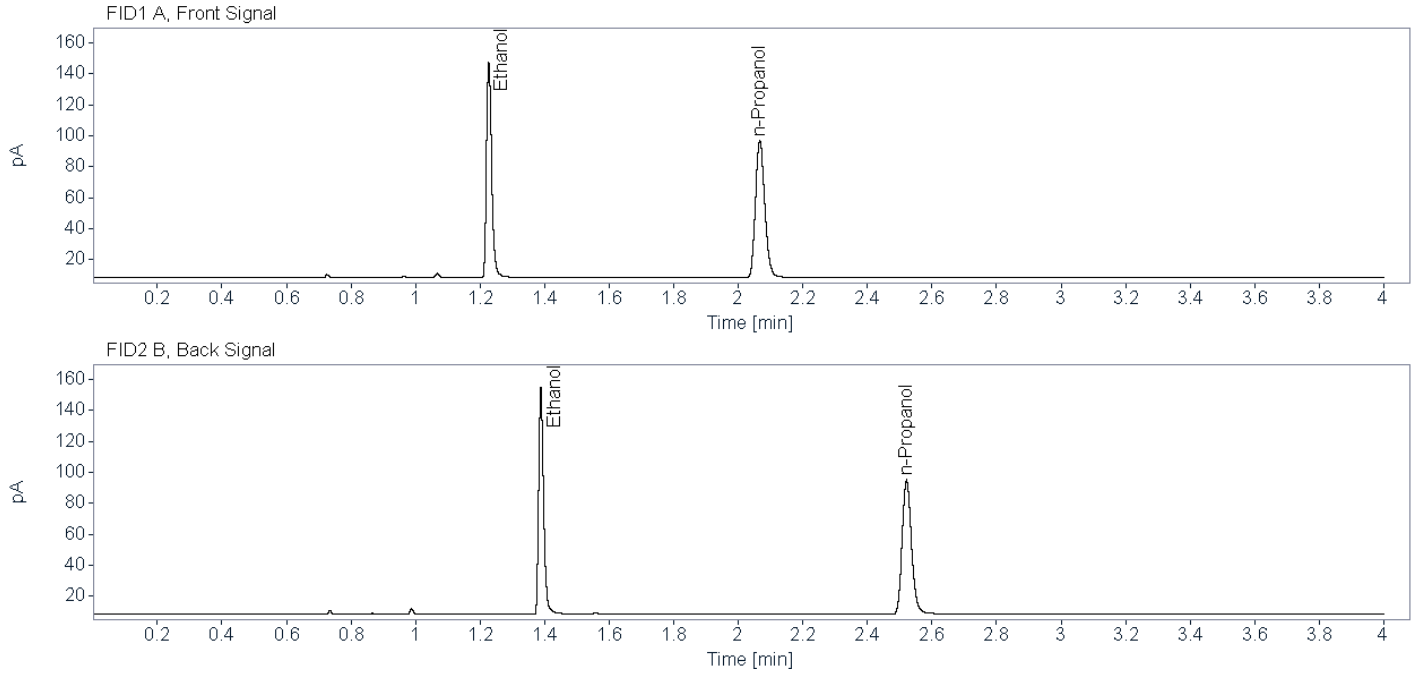
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75246 | 1.226 | 1.225 | 157.6981 | 0.1529 |
| n-Propanol | 0.81873 | 2.066 | 2.066 | 187.7152 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72104 | 1.387 | 1.386 | 156.4585 | 0.1526 |
| n-Propanol | 0.83312 | 2.520 | 2.519 | 184.7911 | 0.0100 |

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

**Sample Name:** BCCL-25-1112 001_001 (25-1190) **Description:** Alq 2 **Sample Barcode** 25-1190 **Vial Number:** 51
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 3:32:59 PM
**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\051F5101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73999 | 1.227 | 1.225 | 155.7853 | 0.1601 |
| n-Propanol | 0.81295 | 2.067 | 2.066 | 177.1011 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72861 | 1.388 | 1.386 | 154.5542 | 0.1597 |
| n-Propanol | 0.83007 | 2.521 | 2.519 | 174.3947 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1157 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1641 | Aliquot 1: | 0.1644 |
| | Aliquot 2: | 0.1710 | Aliquot 2: | 0.1711 |

**Reported Result: 0.167 g/100 mL**

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

**Comments:**

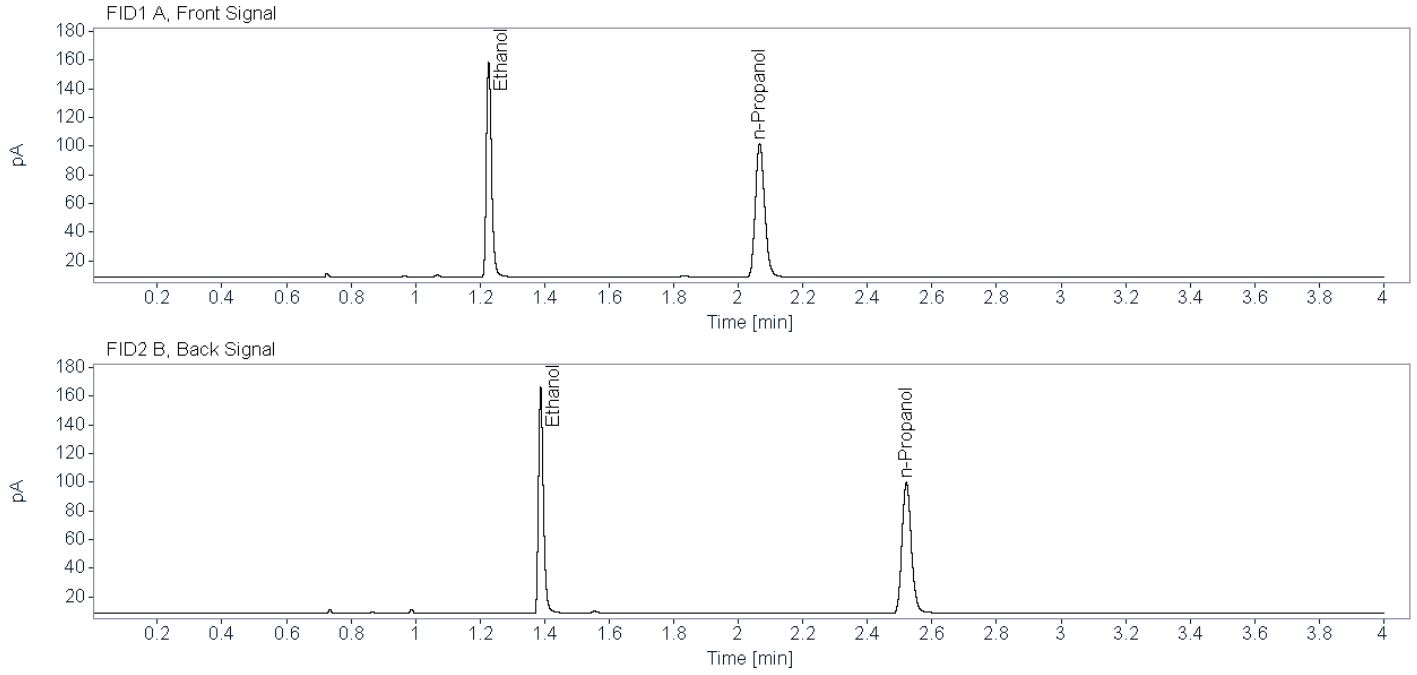
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1157 001_001 (25-1155) **Description:** Alq 1 **Sample Barcode** 25-1155 **Vial Number:** 16

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 12:30:30 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\016F1601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74481 | 1.227 | 1.225 | 168.3165 | 0.1641 |
| n-Propanol | 0.81987 | 2.066 | 2.066 | 186.7202 | 0.0100 |

**Name** FID2B

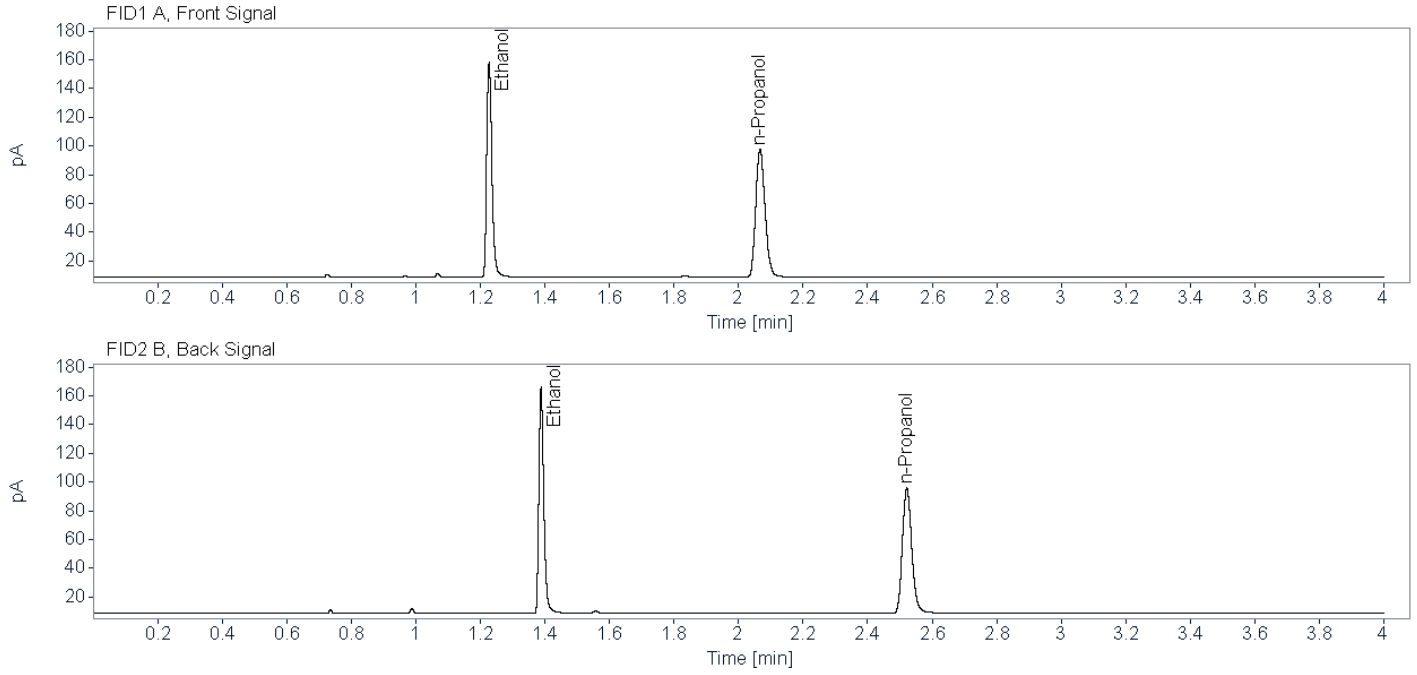
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74618 | 1.388 | 1.386 | 167.4748 | 0.1644 |
| n-Propanol | 0.83536 | 2.521 | 2.519 | 183.5232 | 0.0100 |

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

**Sample Name:** BCCL-25-1157 001_001 (25-1189) **Description:** Alq 2 **Sample Barcode** 25-1189 **Vial Number:** 50

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 3:27:18 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\050F5001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76014 | 1.227 | 1.225 | 168.0501 | 0.1710 |
| n-Propanol | 0.81919 | 2.067 | 2.066 | 178.8017 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73408 | 1.388 | 1.386 | 167.5630 | 0.1711 |
| n-Propanol | 0.83824 | 2.521 | 2.519 | 176.4323 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1160 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2037 | Aliquot 1: | 0.2040 |
| | Aliquot 2: | 0.2066 | Aliquot 2: | 0.2069 |

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

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

**Comments:**

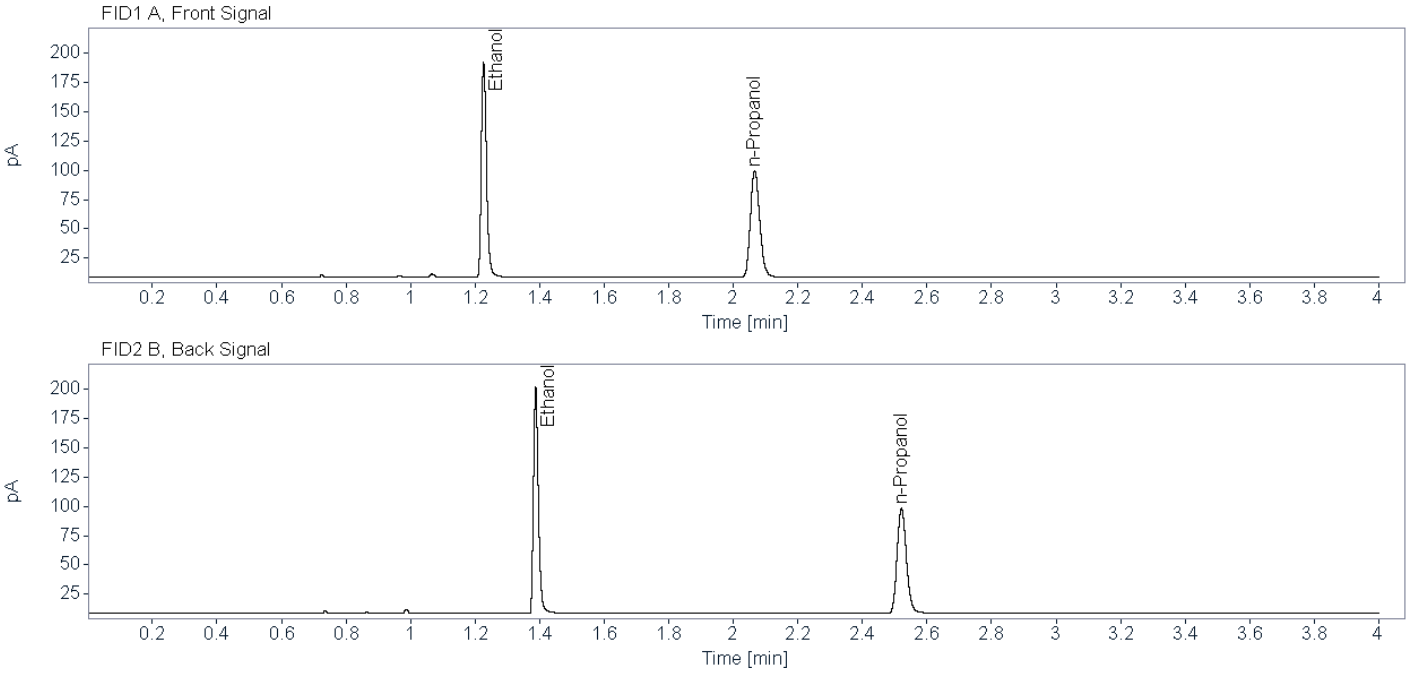
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1160 001_001 (25-1156) **Description:** Alq 1 **Sample Barcode** 25-1156 **Vial Number:** 17

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 12:36:10 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\017F1701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75445 | 1.227 | 1.225 | 205.3973 | 0.2037 |
| n-Propanol | 0.81730 | 2.067 | 2.066 | 183.4429 | 0.0100 |

**Name** FID2B

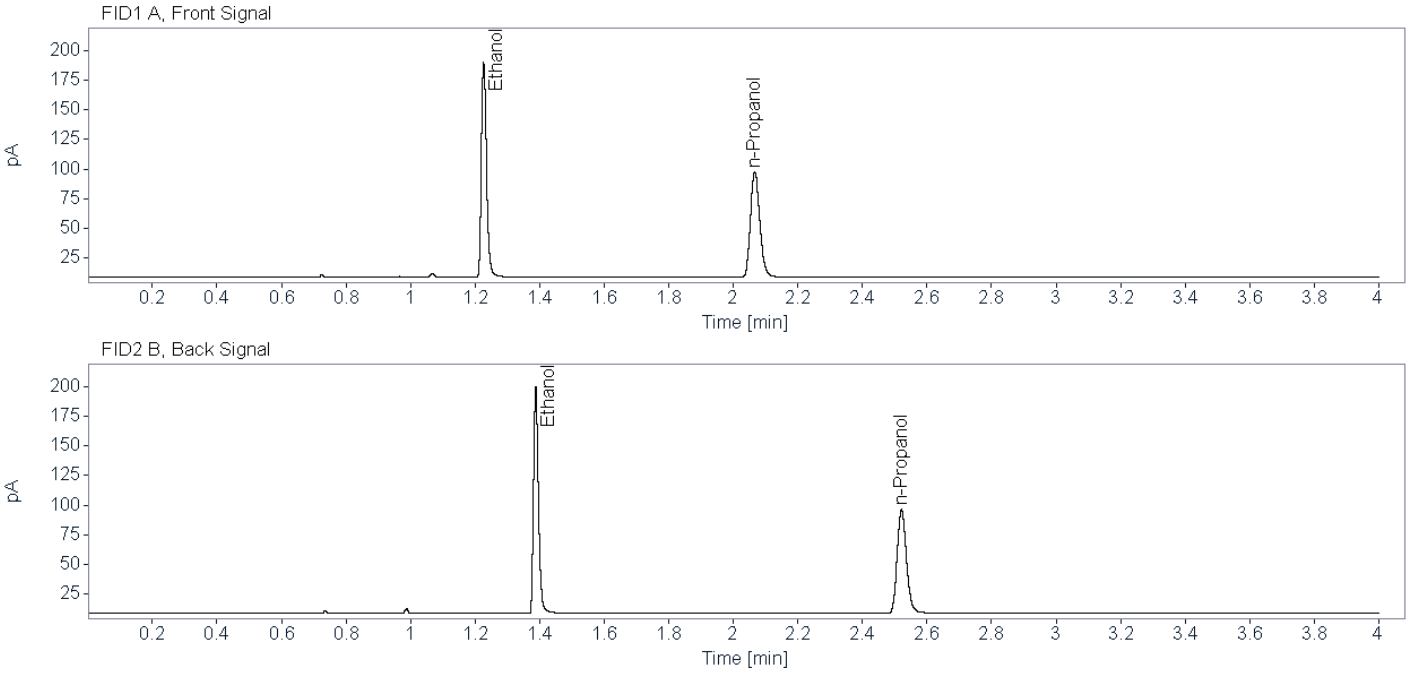
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75949 | 1.388 | 1.386 | 204.5613 | 0.2040 |
| n-Propanol | 0.83527 | 2.521 | 2.519 | 180.4611 | 0.0100 |

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

**Sample Name:** BCCL-25-1160 001_001 (25-1188) **Description:** Alq 2 **Sample Barcode** 25-1188 **Vial Number:** 49

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 3:22:35 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\049F4901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75231 | 1.227 | 1.225 | 203.1977 | 0.2066 |
| n-Propanol | 0.81174 | 2.067 | 2.066 | 178.9174 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76046 | 1.388 | 1.386 | 202.4384 | 0.2069 |
| n-Propanol | 0.83030 | 2.521 | 2.519 | 176.0805 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1163 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0914 | Aliquot 1: | 0.0915 |
| | Aliquot 2: | 0.0928 | Aliquot 2: | 0.0929 |

**Reported Result: 0.092 g/100 mL**

**Reported UM: 0.015 g/100 mL**

**Comments:**

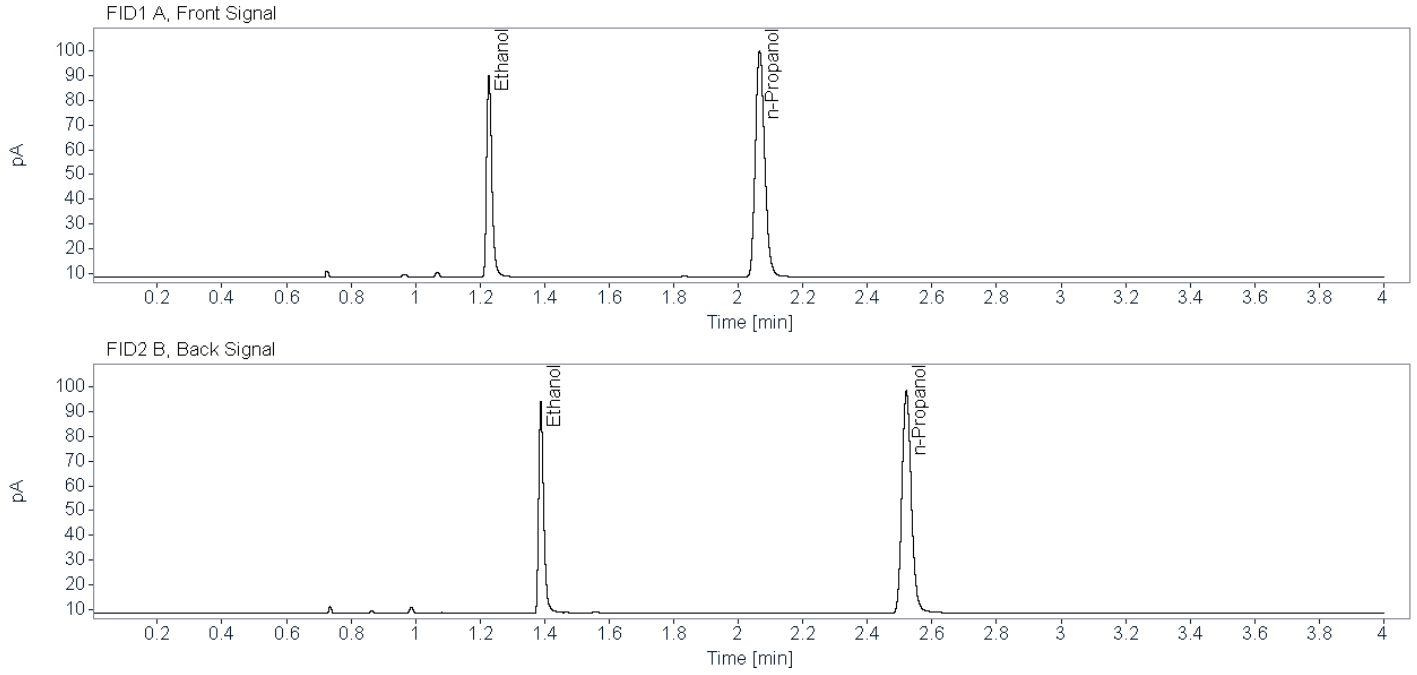
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1163 001_001 (25-1157) **Description:** Alq 1 **Sample Barcode** 25-1157 **Vial Number:** 18

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 12:40:54 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\018F1801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73073 | 1.227 | 1.225 | 92.1483 | 0.0914 |
| n-Propanol | 0.81527 | 2.066 | 2.066 | 183.8119 | 0.0100 |

**Name** FID2B

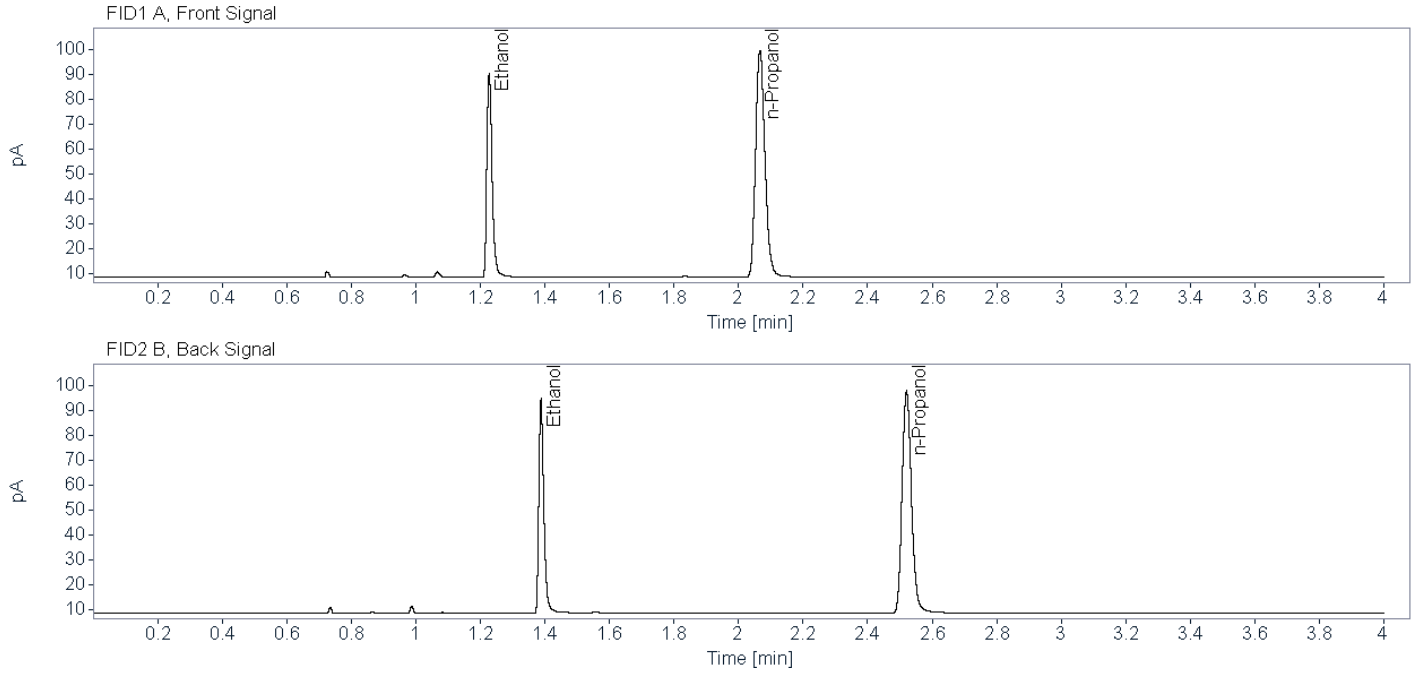
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69775 | 1.388 | 1.386 | 91.6198 | 0.0915 |
| n-Propanol | 0.83392 | 2.521 | 2.519 | 180.9244 | 0.0100 |

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

**Sample Name:** BCCL-25-1163 001_001 (25-1187) **Description:** Alq 2 **Sample Barcode** 25-1187 **Vial Number:** 48

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 3:16:54 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\048F4801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72040 | 1.227 | 1.225 | 93.0595 | 0.0928 |
| n-Propanol | 0.81553 | 2.066 | 2.066 | 182.8292 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69808 | 1.388 | 1.386 | 92.6241 | 0.0929 |
| n-Propanol | 0.83436 | 2.520 | 2.519 | 180.0565 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1192 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

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

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

**Reported UM:** _____

**Comments:**

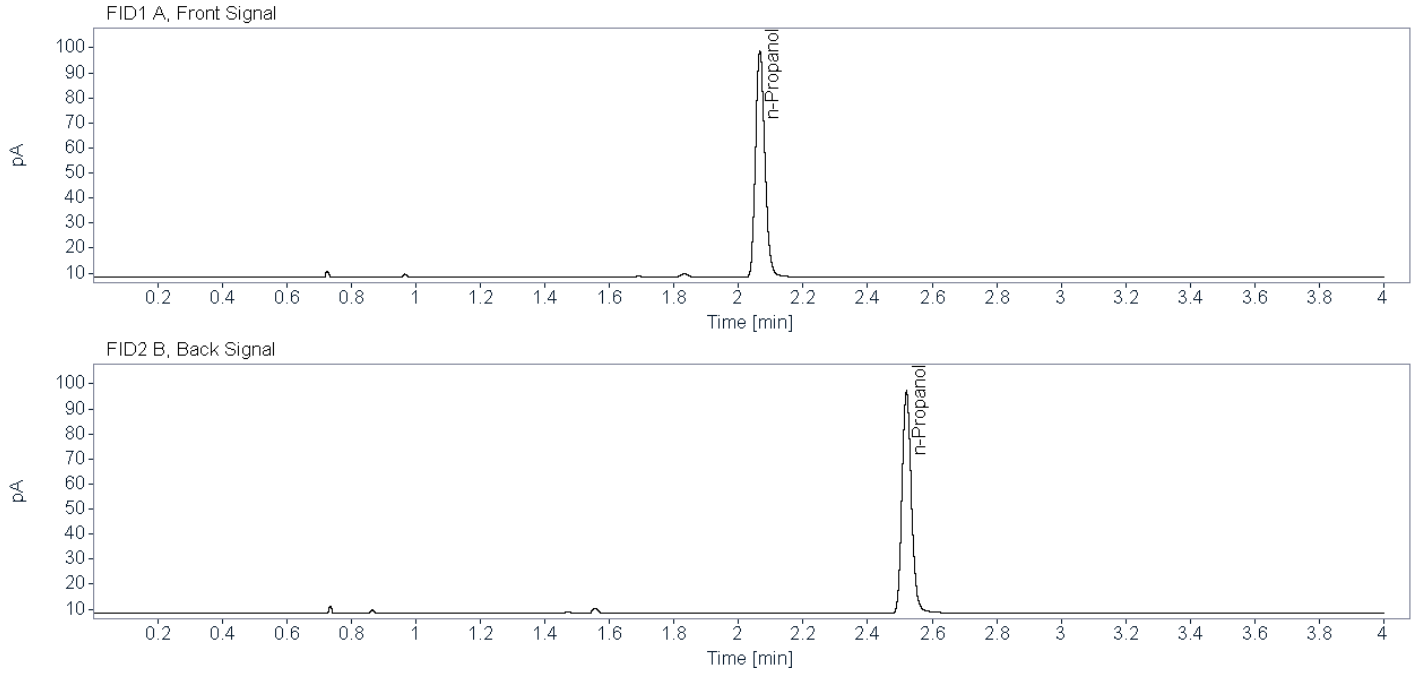
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1192 001_001 (25-1158) **Description:** Alq 1 **Sample Barcode** 25-1158 **Vial Number:** 19

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 12:46:35 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\019F1901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.81973 | 2.066 | 2.066 | 181.4636 | 0.0100 |

**Name** FID2B

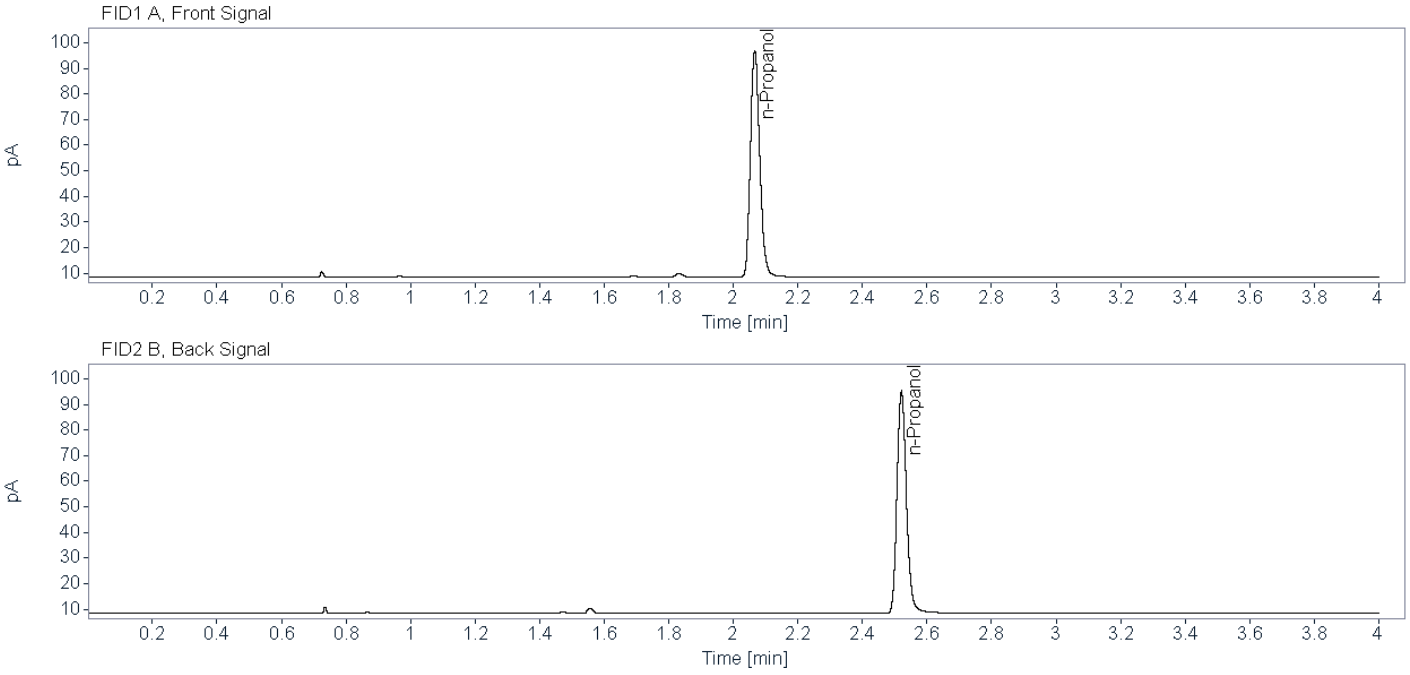
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.83632 | 2.520 | 2.519 | 178.4593 | 0.0100 |

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

**Sample Name:** BCCL-25-1192 001_001 (25-1186) **Description:** Alq 2 **Sample Barcode** 25-1186 **Vial Number:** 47

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 3:12:10 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\047F4701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.81189 | 2.067 | 2.066 | 177.8526 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.82916 | 2.521 | 2.519 | 174.7380 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1197 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1004 | Aliquot 1: | 0.1005 |
| | Aliquot 2: | 0.1008 | Aliquot 2: | 0.1011 |

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

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

**Comments:**

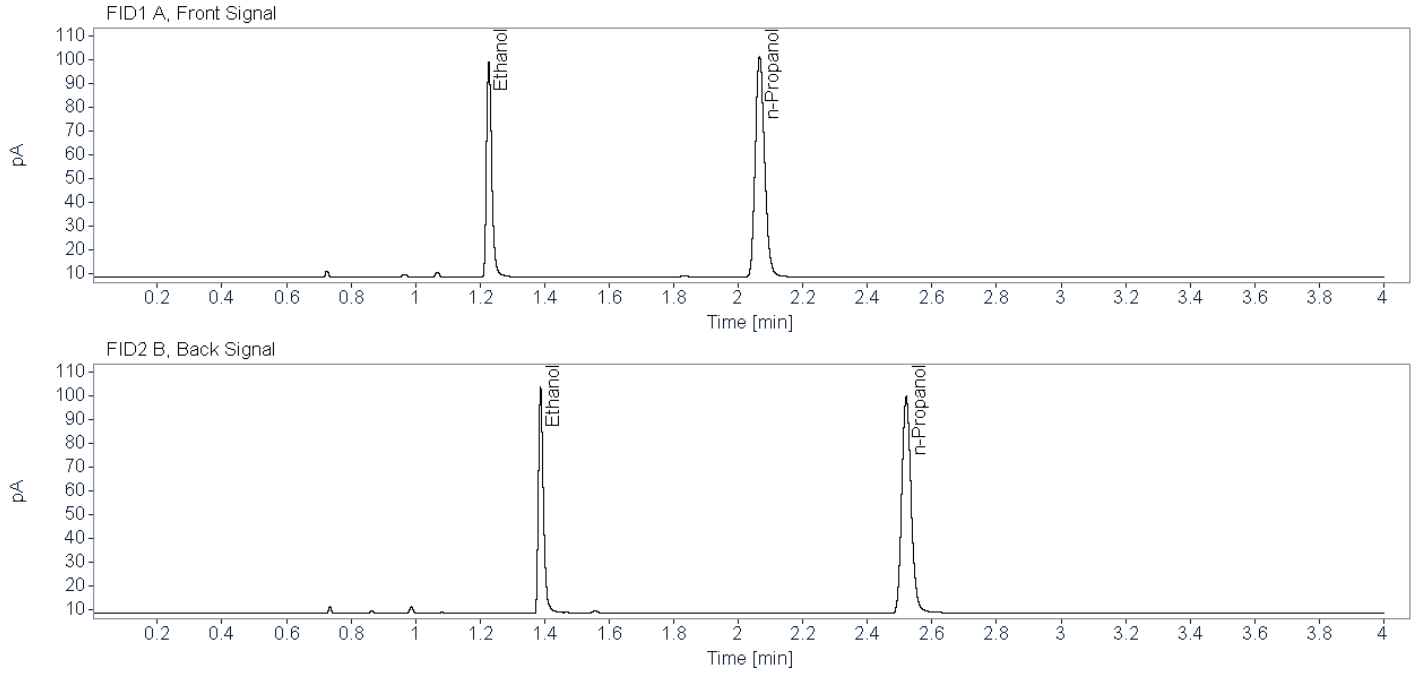
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1197 001_001 (25-1159) **Description:** Alq 1 **Sample Barcode** 25-1159 **Vial Number:** 20

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 12:51:18 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\020F2001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72307 | 1.227 | 1.225 | 102.7777 | 0.1004 |
| n-Propanol | 0.81620 | 2.066 | 2.066 | 186.5826 | 0.0100 |

**Name** FID2B

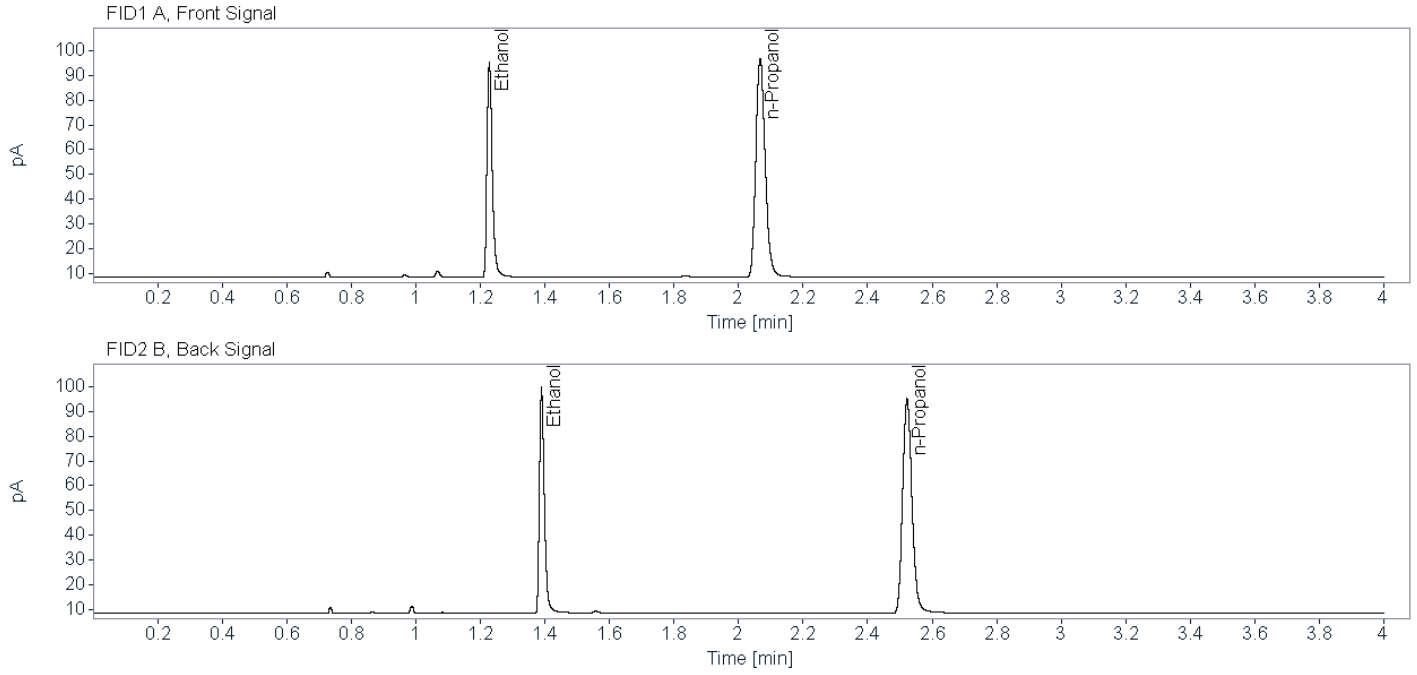
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.70643 | 1.388 | 1.386 | 102.2242 | 0.1005 |
| n-Propanol | 0.83161 | 2.520 | 2.519 | 183.6239 | 0.0100 |

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

**Sample Name:** BCCL-25-1197 001_001 (25-1185) **Description:** Alq 2 **Sample Barcode** 25-1185 **Vial Number:** 46

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 3:06:29 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\046F4601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72902 | 1.228 | 1.225 | 97.9657 | 0.1008 |
| n-Propanol | 0.82187 | 2.067 | 2.066 | 177.1941 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.69628 | 1.390 | 1.386 | 97.6711 | 0.1011 |
| n-Propanol | 0.81895 | 2.522 | 2.519 | 174.4545 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1200 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.3040 | Aliquot 1: | 0.3029 |
| | Aliquot 2: | 0.3001 | Aliquot 2: | 0.2997 |

**Reported Result: 0.301 g/100 mL**

**Reported UM: 0.049 g/100 mL**

**Comments:**

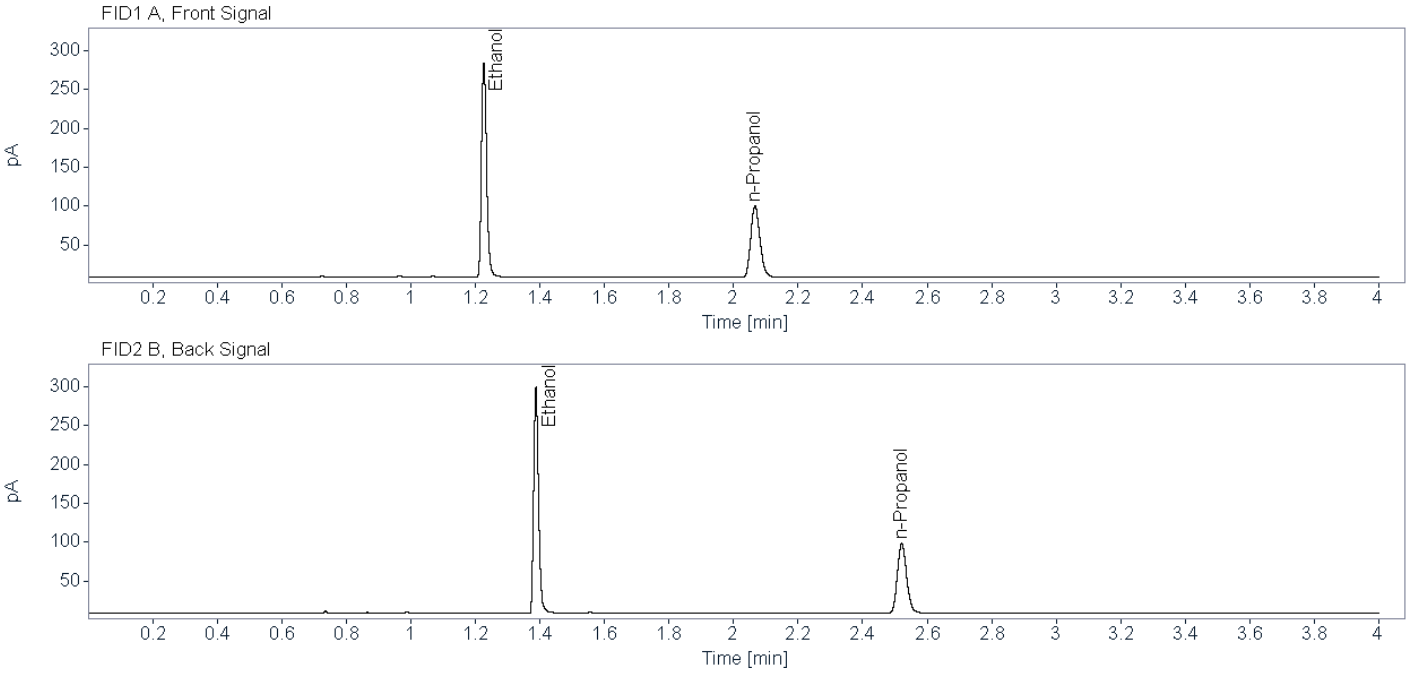
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1200 001_001 (25-1160) **Description:** Alq 1 **Sample Barcode** 25-1160 **Vial Number:** 21

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 12:57:00 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\021F2101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77693 | 1.226 | 1.225 | 306.5581 | 0.3040 |
| n-Propanol | 0.82157 | 2.067 | 2.066 | 183.2805 | 0.0100 |

**Name** FID2B

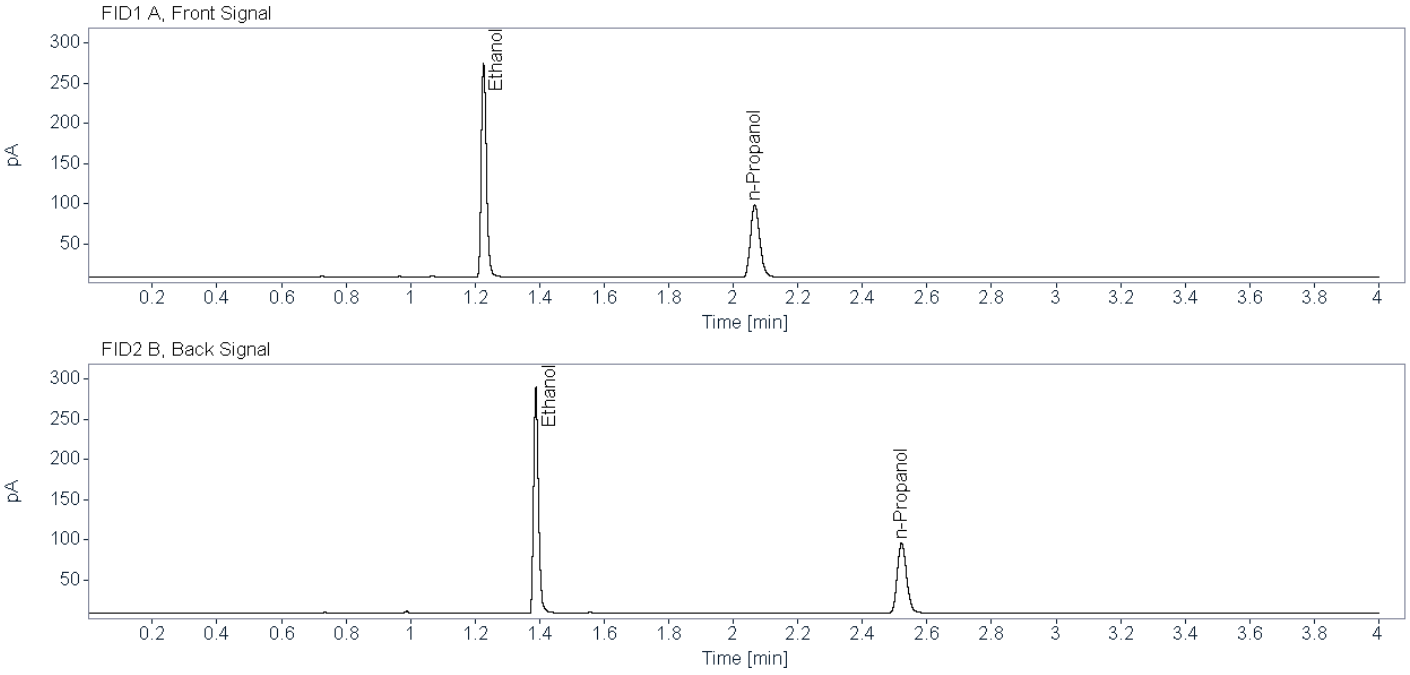
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77795 | 1.388 | 1.386 | 304.4750 | 0.3029 |
| n-Propanol | 0.84259 | 2.521 | 2.519 | 180.7489 | 0.0100 |

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

**Sample Name:** BCCL-25-1200 001_001 (25-1184) **Description:** Alq 2 **Sample Barcode** 25-1184 **Vial Number:** 45

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 3:01:48 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\045F4501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78014 | 1.227 | 1.225 | 297.5254 | 0.3001 |
| n-Propanol | 0.81427 | 2.067 | 2.066 | 180.1913 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77432 | 1.388 | 1.386 | 295.3792 | 0.2997 |
| n-Propanol | 0.83578 | 2.522 | 2.519 | 177.2534 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1205 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2032 | Aliquot 1: | 0.2032 |
| | Aliquot 2: | 0.2097 | Aliquot 2: | 0.2102 |

**Reported Result: 0.206 g/100 mL**

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

**Comments:**

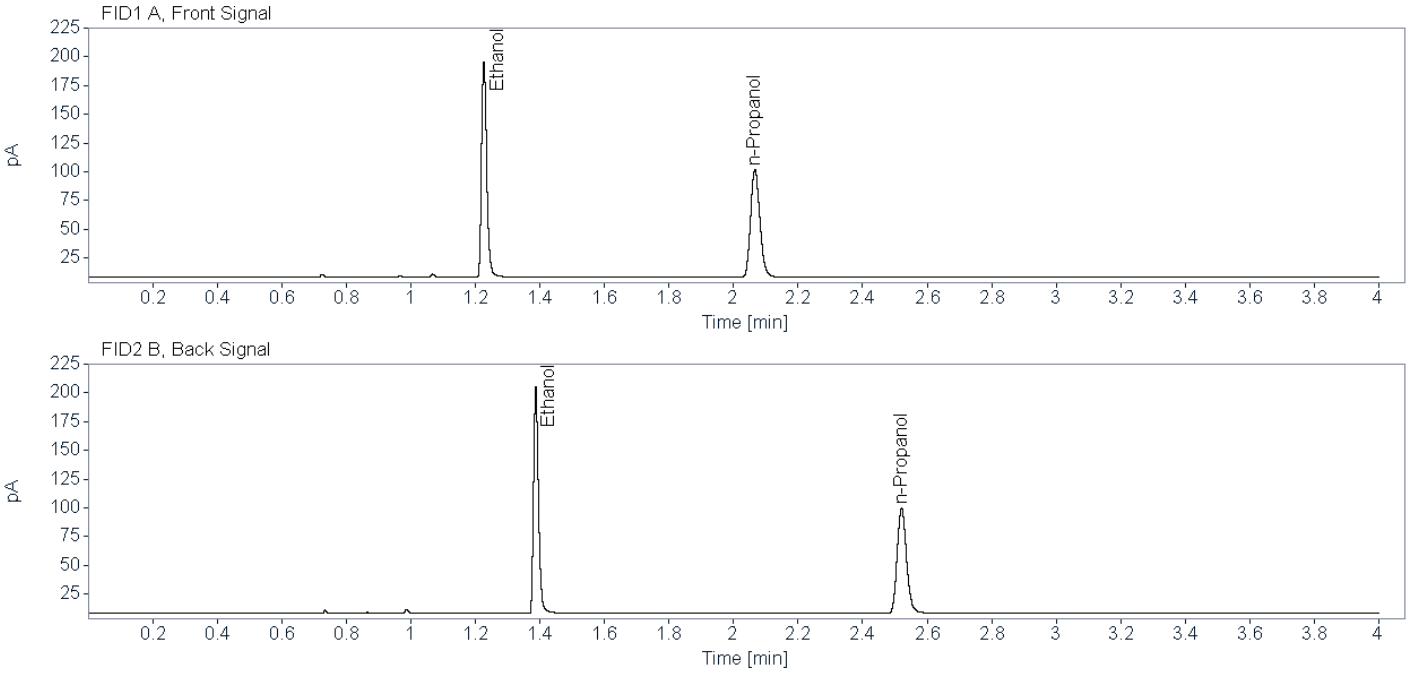
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1205 001_001 (25-1162) **Description:** Alq 1 **Sample Barcode** 25-1162 **Vial Number:** 23

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 1:07:23 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\023F2301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75807 | 1.226 | 1.225 | 209.3497 | 0.2032 |
| n-Propanol | 0.81733 | 2.066 | 2.066 | 187.4286 | 0.0100 |

**Name** FID2B

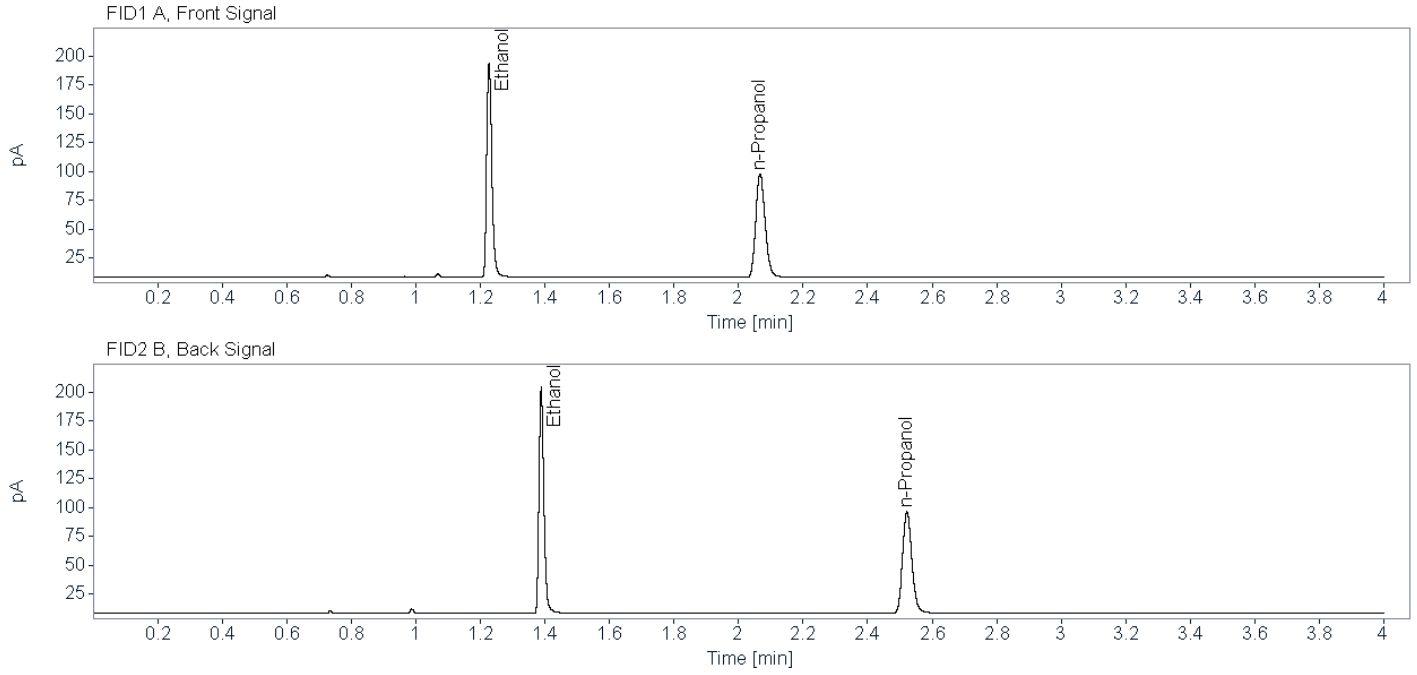
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76284 | 1.387 | 1.386 | 208.2657 | 0.2032 |
| n-Propanol | 0.83712 | 2.521 | 2.519 | 184.5050 | 0.0100 |

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

**Sample Name:** BCCL-25-1205 001_001 (25-1182) **Description:** Alq 2 **Sample Barcode** 25-1182 **Vial Number:** 43

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 2:51:24 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\043F4301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76991 | 1.227 | 1.225 | 207.3258 | 0.2097 |
| n-Propanol | 0.82064 | 2.067 | 2.066 | 179.7933 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75163 | 1.389 | 1.386 | 206.5758 | 0.2102 |
| n-Propanol | 0.82014 | 2.522 | 2.519 | 176.9131 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1206 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2398 | Aliquot 1: | 0.2399 |
| | Aliquot 2: | 0.2402 | Aliquot 2: | 0.2402 |

**Reported Result: 0.240 g/100 mL**

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

**Comments:**

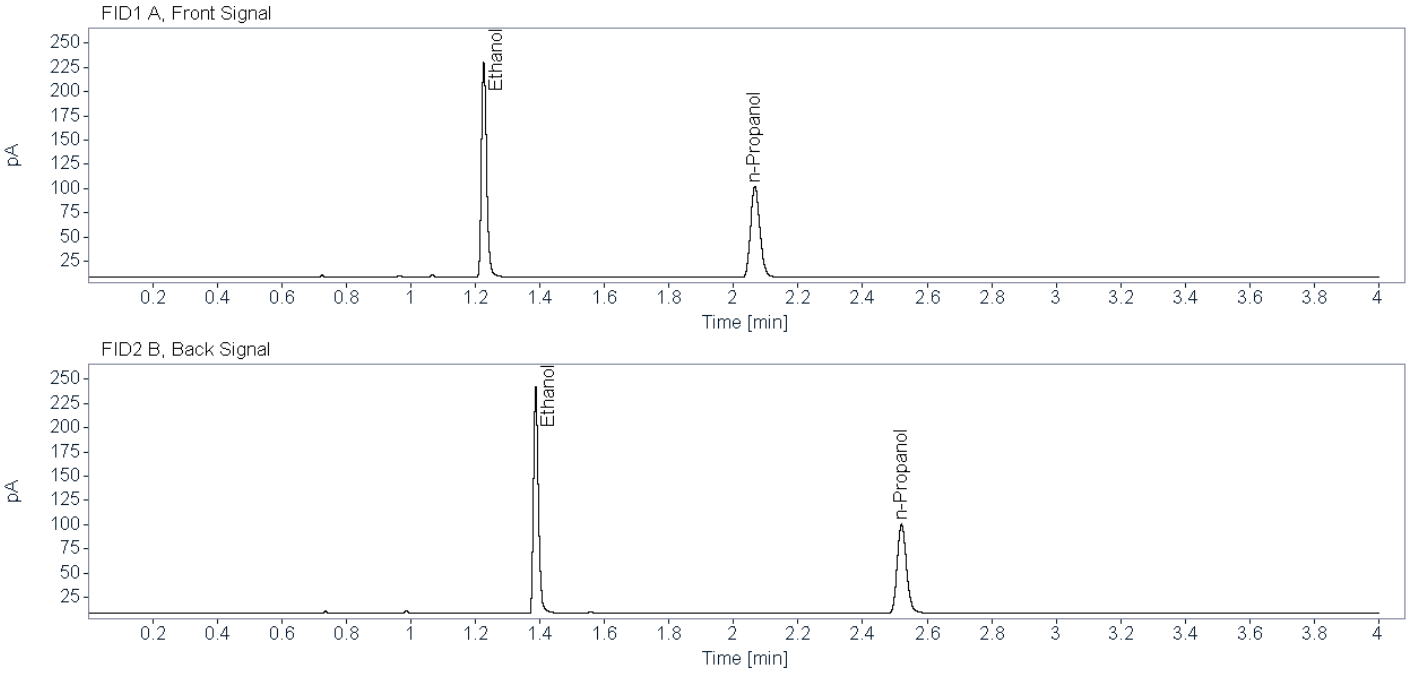
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1206 001_001 (25-1163) **Description:** Alq 1 **Sample Barcode** 25-1163 **Vial Number:** 24

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 1:12:06 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\024F2401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76308 | 1.226 | 1.225 | 247.5569 | 0.2398 |
| n-Propanol | 0.82068 | 2.066 | 2.066 | 187.7113 | 0.0100 |

**Name** FID2B

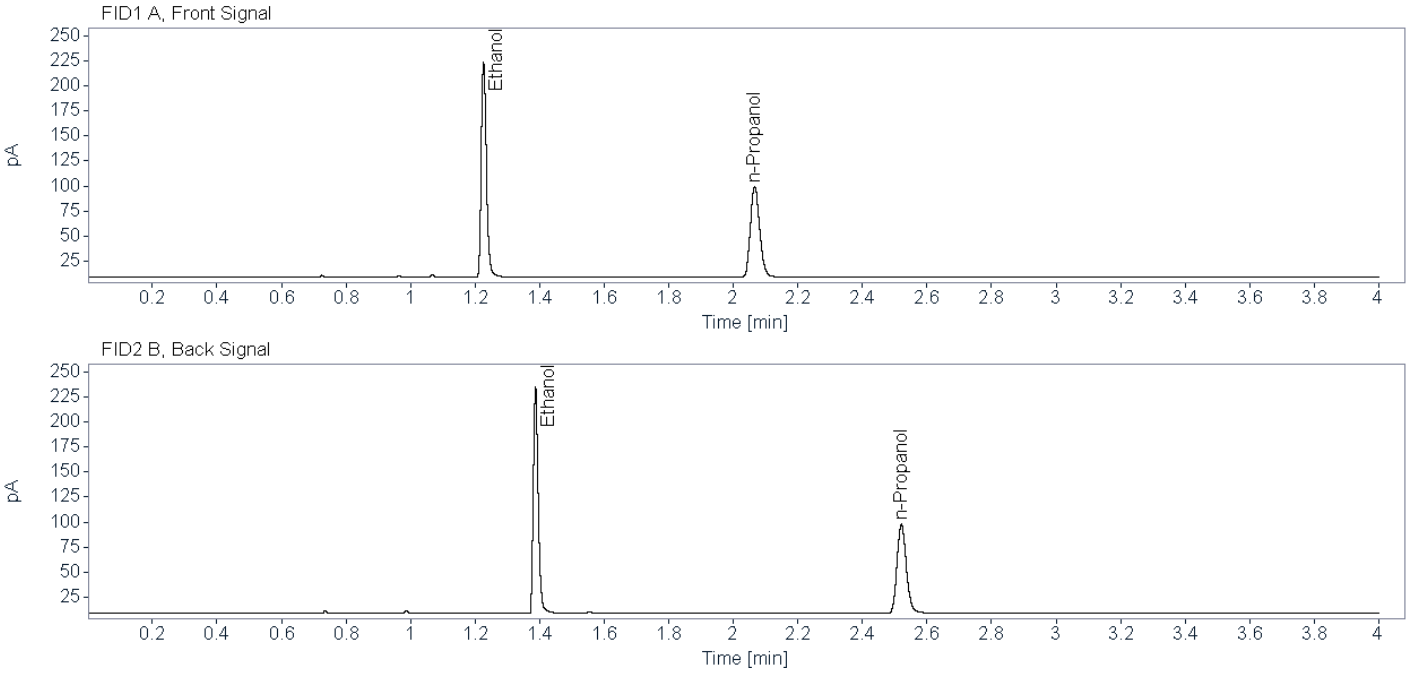
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77362 | 1.387 | 1.386 | 246.2715 | 0.2399 |
| n-Propanol | 0.84011 | 2.521 | 2.519 | 184.7361 | 0.0100 |

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

**Sample Name:** BCCL-25-1206 001_001 (25-1181) **Description:** Alq 2 **Sample Barcode** 25-1181 **Vial Number:** 42

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 2:45:42 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\042F4201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76706 | 1.226 | 1.225 | 241.0687 | 0.2402 |
| n-Propanol | 0.80954 | 2.066 | 2.066 | 182.5229 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76048 | 1.387 | 1.386 | 239.3881 | 0.2402 |
| n-Propanol | 0.83016 | 2.521 | 2.519 | 179.3319 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1207 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0118 | Aliquot 1: | 0.0119 |
| | Aliquot 2: | 0.0117 | Aliquot 2: | 0.0117 |

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

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

**Comments:**

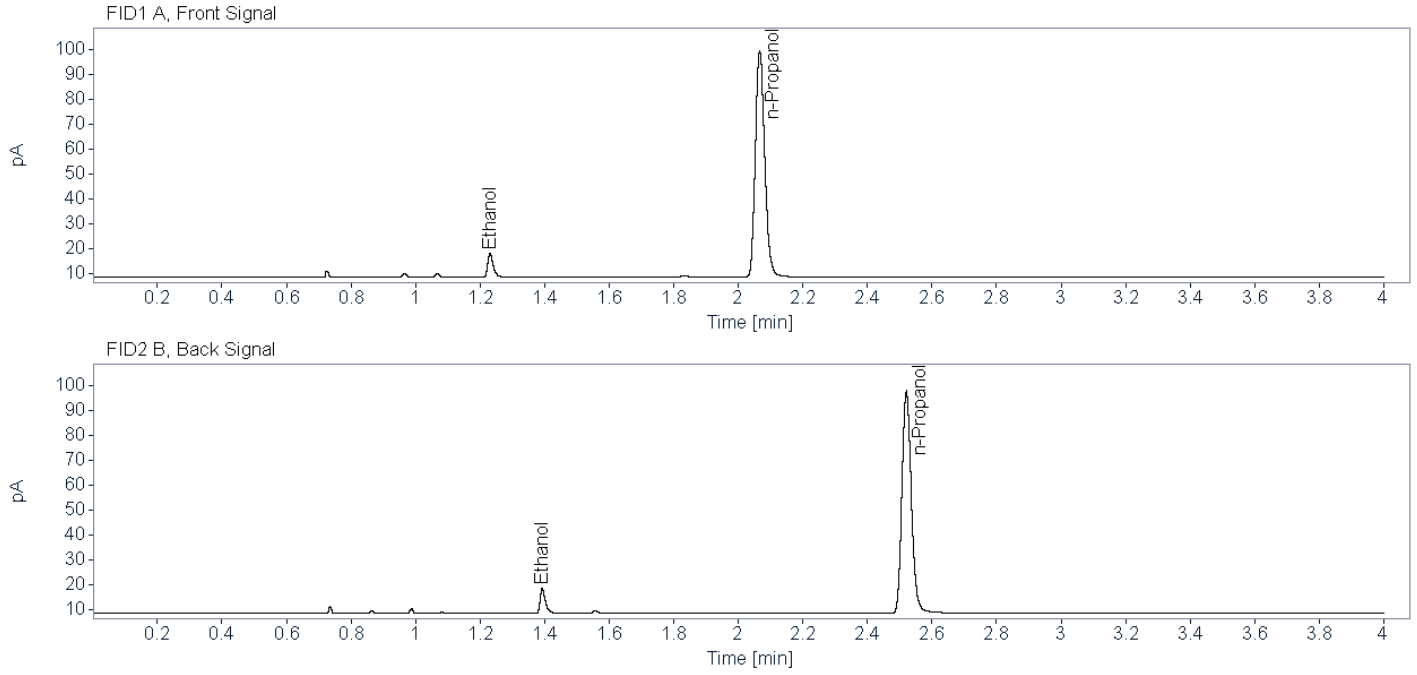
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1207 001_001 (25-1164) **Description:** Alq 1 **Sample Barcode** 25-1164 **Vial Number:** 25

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 1:17:47 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\025F2501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.68314 | 1.231 | 1.225 | 11.3925 | 0.0118 |
| n-Propanol | 0.81780 | 2.066 | 2.066 | 182.5629 | 0.0100 |

**Name** FID2B

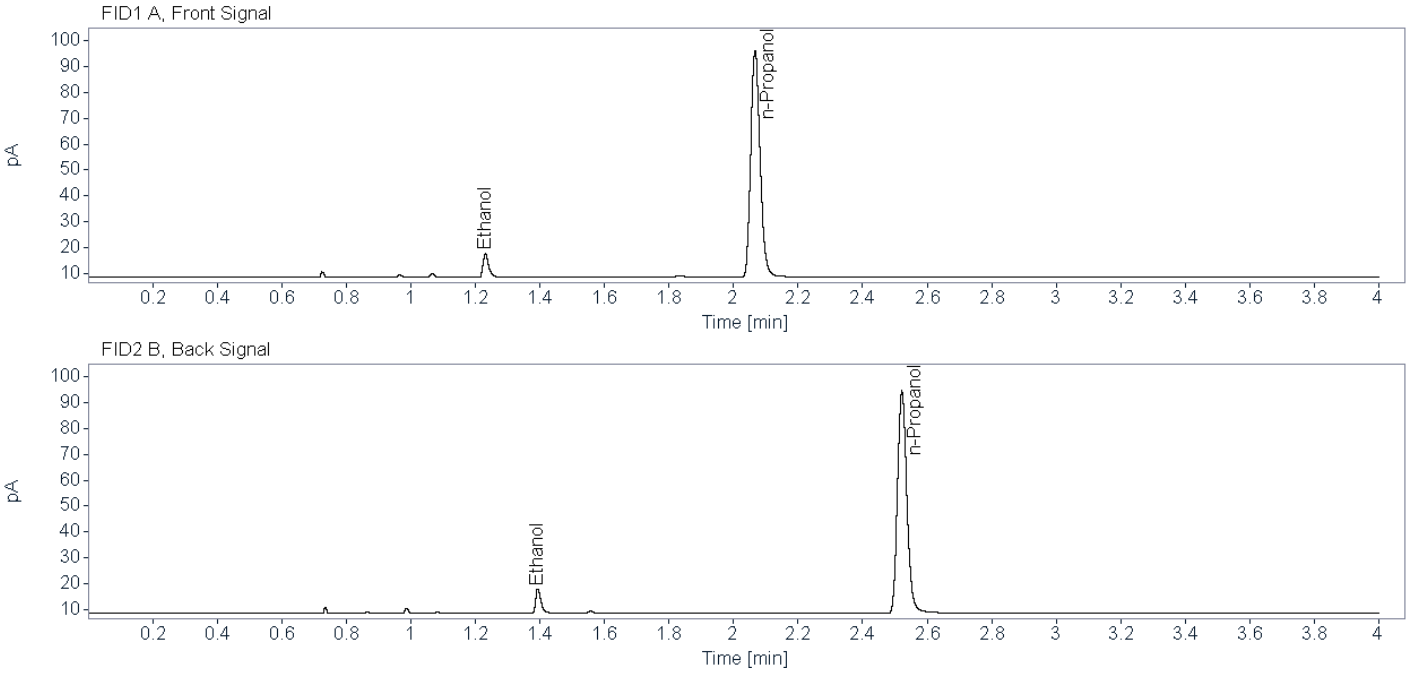
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.64298 | 1.393 | 1.386 | 11.3439 | 0.0119 |
| n-Propanol | 0.82789 | 2.521 | 2.519 | 179.6712 | 0.0100 |

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

**Sample Name:** BCCL-25-1207 001_001 (25-1180) **Description:** Alq 2 **Sample Barcode** 25-1180 **Vial Number:** 41

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 2:41:00 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\041F4101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.68749 | 1.231 | 1.225 | 10.9098 | 0.0117 |
| n-Propanol | 0.81940 | 2.067 | 2.066 | 176.2621 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.65155 | 1.394 | 1.386 | 10.7578 | 0.0117 |
| n-Propanol | 0.82740 | 2.522 | 2.519 | 174.1275 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1220 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1642 | Aliquot 1: | 0.1639 |
| | Aliquot 2: | 0.1660 | Aliquot 2: | 0.1658 |

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

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

**Comments:**

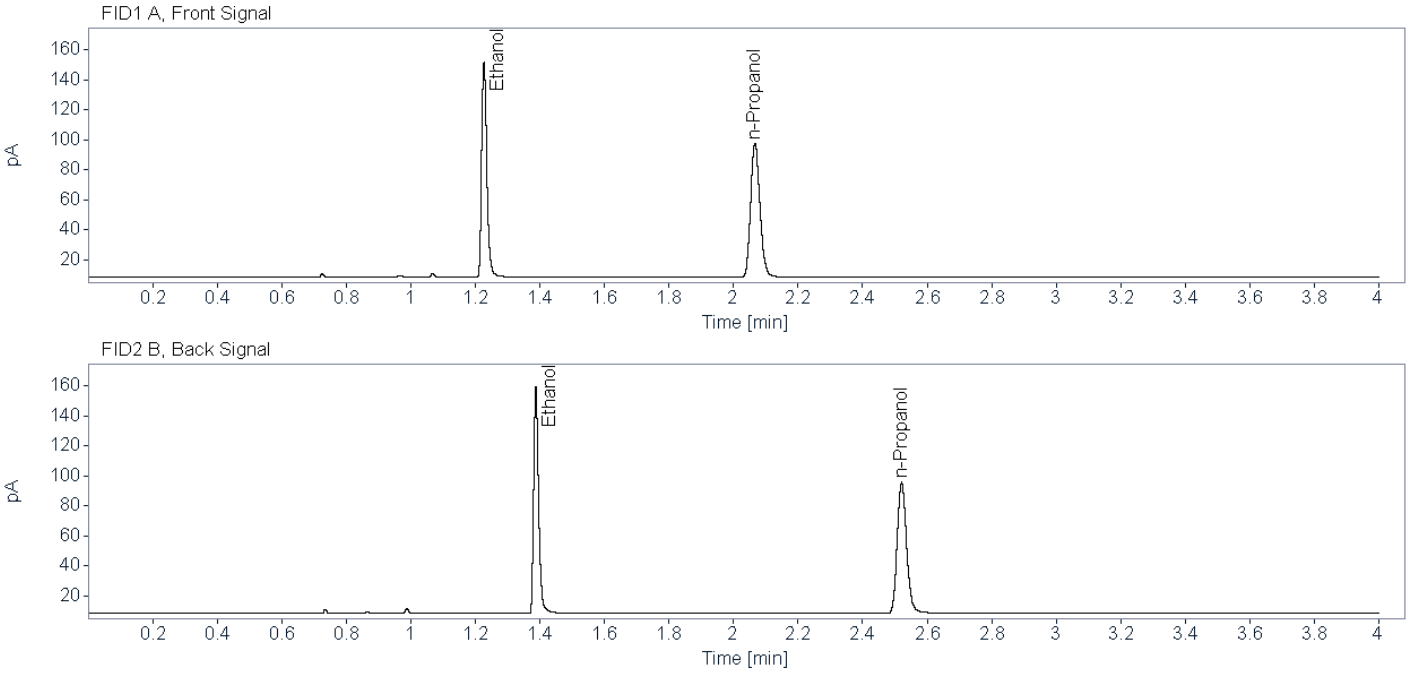
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1220 001_001 (25-1165) **Description:** Alq 1 **Sample Barcode** 25-1165 **Vial Number:** 26

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 1:22:30 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\026F2601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75409 | 1.227 | 1.225 | 160.8758 | 0.1642 |
| n-Propanol | 0.81932 | 2.066 | 2.066 | 178.3188 | 0.0100 |

**Name** FID2B

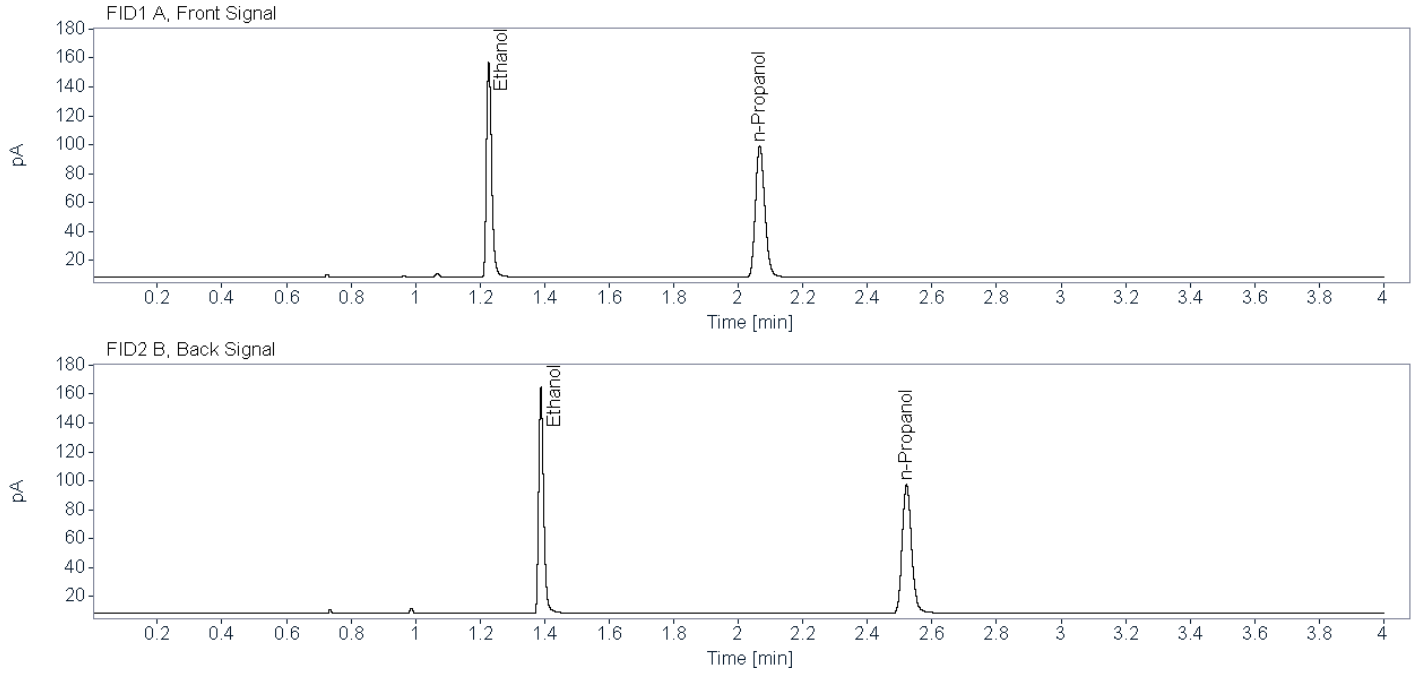
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73040 | 1.388 | 1.386 | 159.4783 | 0.1639 |
| n-Propanol | 0.83653 | 2.521 | 2.519 | 175.3070 | 0.0100 |

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

**Sample Name:** BCCL-25-1220 001_001 (25-1179) **Description:** Alq 2 **Sample Barcode** 25-1179 **Vial Number:** 40

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 2:35:18 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\040F4001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74433 | 1.227 | 1.225 | 166.2677 | 0.1660 |
| n-Propanol | 0.81195 | 2.067 | 2.066 | 182.2240 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73353 | 1.389 | 1.386 | 165.0954 | 0.1658 |
| n-Propanol | 0.83325 | 2.521 | 2.519 | 179.3062 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1227 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

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

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

**Reported UM:** _____

**Comments:**

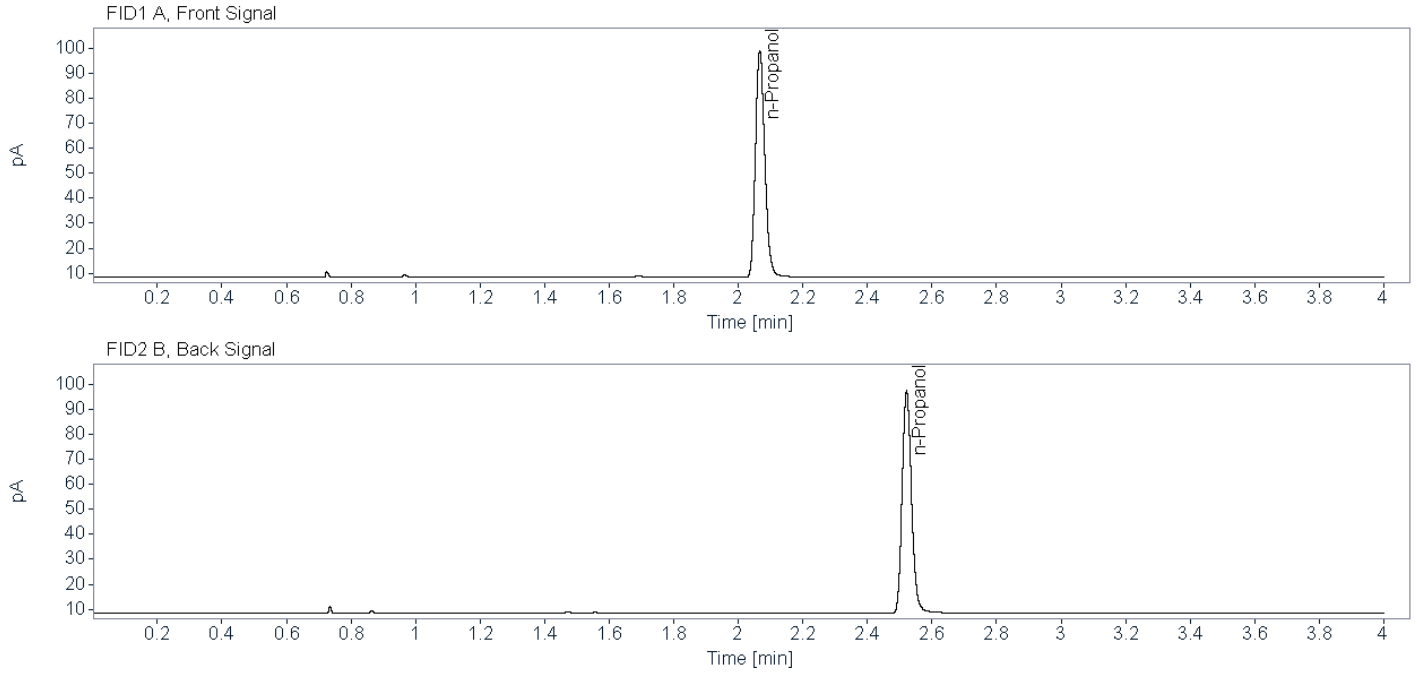
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1227 001_001 (25-1166) **Description:** Alq 1 **Sample Barcode** 25-1166 **Vial Number:** 27

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 1:28:10 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\027F2701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.81750 | 2.067 | 2.066 | 181.9108 | 0.0100 |

**Name** FID2B

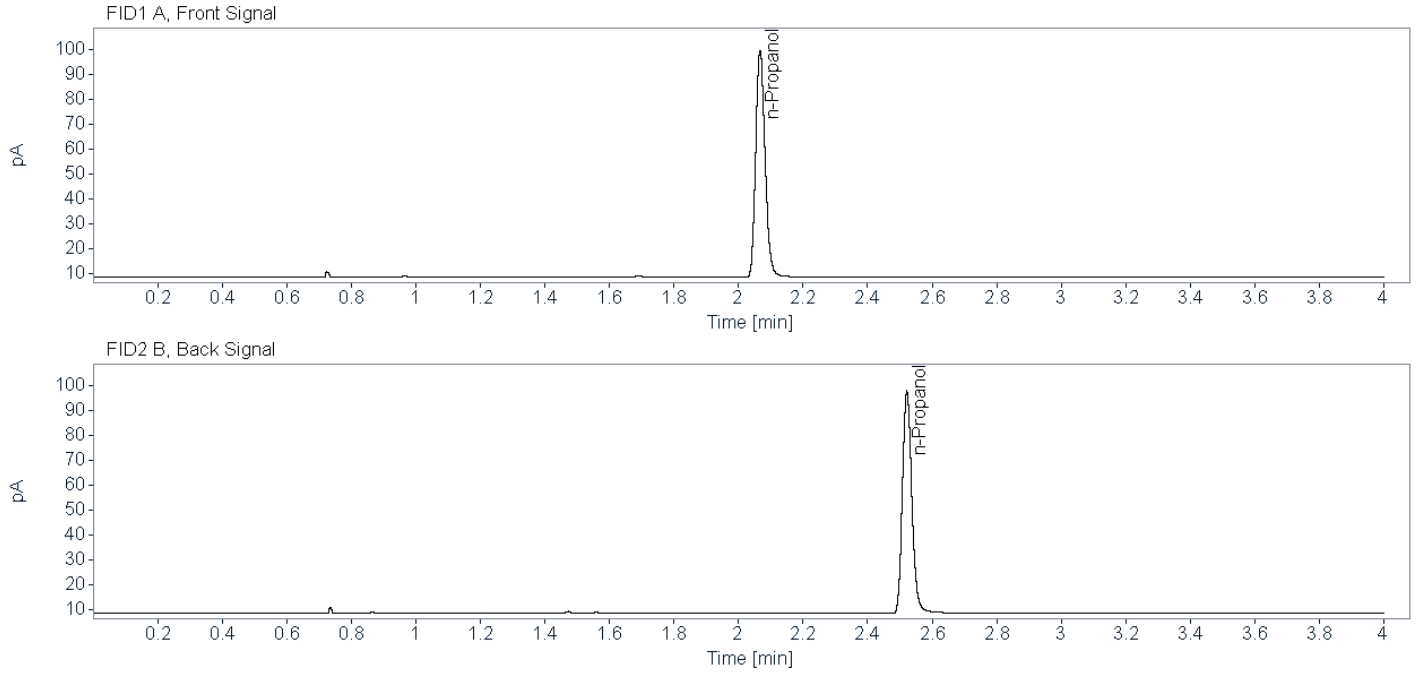
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.83554 | 2.521 | 2.519 | 179.2672 | 0.0100 |

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

**Sample Name:** BCCL-25-1227 001_001 (25-1178) **Description:** Alq 2 **Sample Barcode** 25-1178 **Vial Number:** 39

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 2:30:35 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\039F3901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.82070 | 2.067 | 2.066 | 182.6754 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.83209 | 2.521 | 2.519 | 180.3434 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1228 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1874 | Aliquot 1: | 0.1874 |
| | Aliquot 2: | 0.1800 | Aliquot 2: | 0.1801 |

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

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

**Comments:**

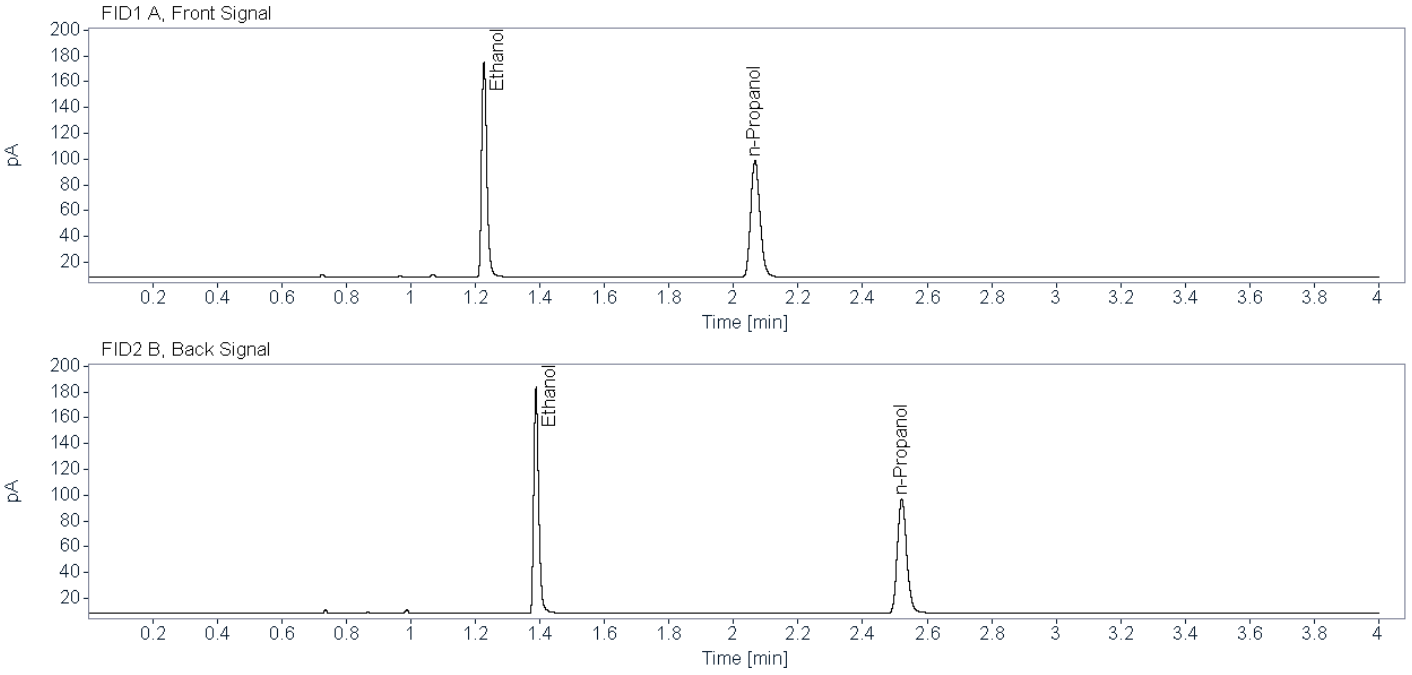
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1228 001_001 (25-1167) **Description:** Alq 1 **Sample Barcode** 25-1167 **Vial Number:** 28

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 1:32:54 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\028F2801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76225 | 1.227 | 1.225 | 186.4885 | 0.1874 |
| n-Propanol | 0.82114 | 2.067 | 2.066 | 181.0786 | 0.0100 |

**Name** FID2B

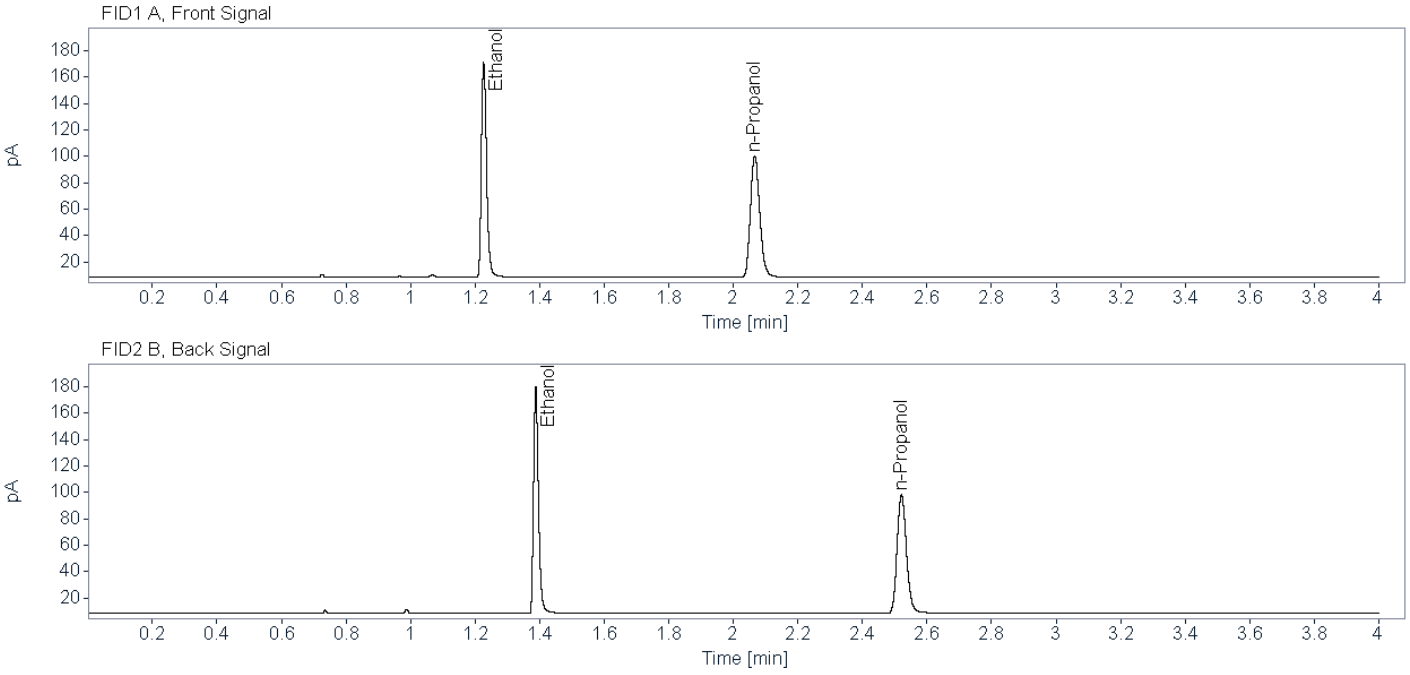
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74048 | 1.388 | 1.386 | 185.8091 | 0.1874 |
| n-Propanol | 0.83850 | 2.521 | 2.519 | 178.5251 | 0.0100 |

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

**Sample Name:** BCCL-25-1228 001_001 (25-1177) **Description:** Alq 2 **Sample Barcode** 25-1177 **Vial Number:** 38

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 2:24:54 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\038F3801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74689 | 1.227 | 1.225 | 182.3377 | 0.1800 |
| n-Propanol | 0.81518 | 2.067 | 2.066 | 184.3501 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75295 | 1.388 | 1.386 | 181.6163 | 0.1801 |
| n-Propanol | 0.83491 | 2.521 | 2.519 | 181.5718 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1229 003_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1568 | Aliquot 1: | 0.1565 |
| | Aliquot 2: | 0.1324 | Aliquot 2: | 0.1324 |

KB 7/30/2025

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

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

**Comments:**

FID values for aliquot 1 and 2 not within 5% of average, this sample will be repeated -KB 7/30/2025

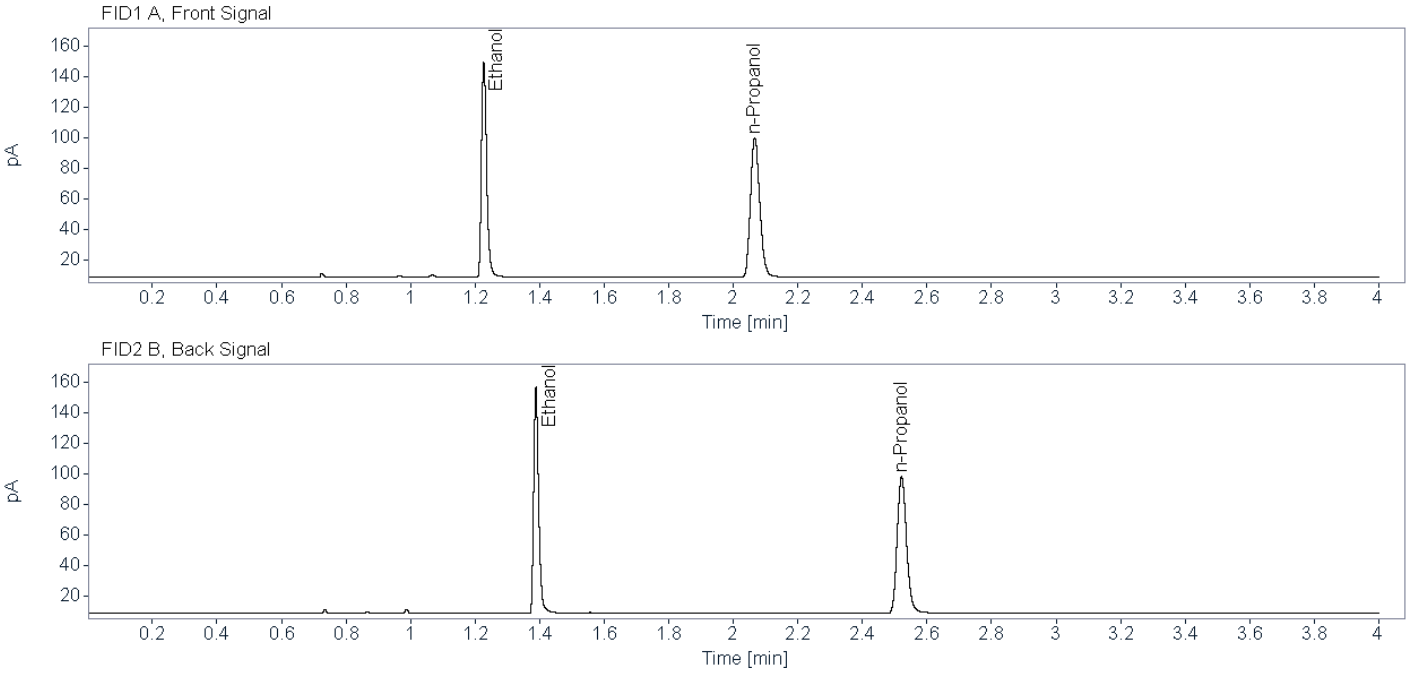
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1229 003_001 (25-1168) **Description:** Alq 1 **Sample Barcode** 25-1168 **Vial Number:** 29

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 1:38:35 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\029F2901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74304 | 1.227 | 1.225 | 157.5587 | 0.1568 |
| n-Propanol | 0.81637 | 2.067 | 2.066 | 182.9283 | 0.0100 |

**Name** FID2B

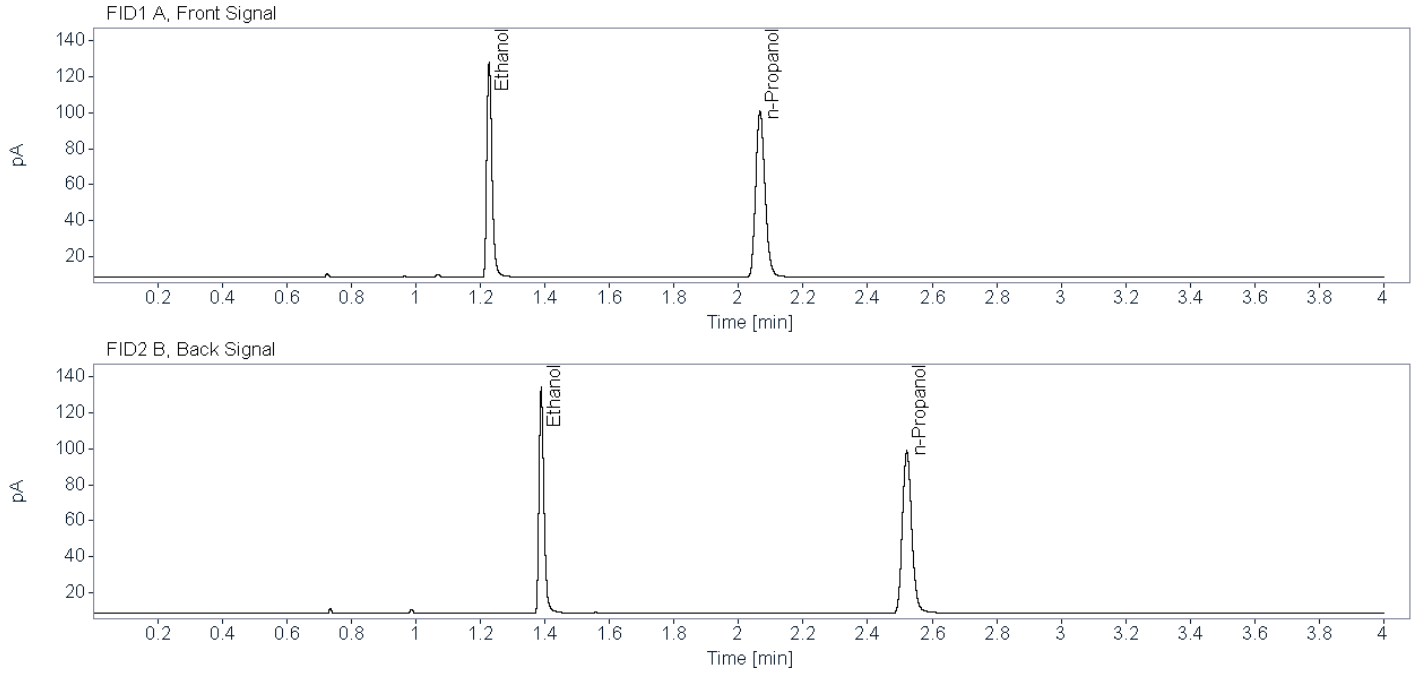
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73102 | 1.389 | 1.386 | 156.5217 | 0.1565 |
| n-Propanol | 0.83905 | 2.522 | 2.519 | 180.1802 | 0.0100 |

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

**Sample Name:** BCCL-25-1229 003_001 (25-1176) **Description:** Alq 2 **Sample Barcode** 25-1176 **Vial Number:** 37

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 2:20:11 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\037F3701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73626 | 1.227 | 1.225 | 134.5335 | 0.1324 |
| n-Propanol | 0.82208 | 2.067 | 2.066 | 185.0318 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.72222 | 1.389 | 1.386 | 134.0051 | 0.1324 |
| n-Propanol | 0.83743 | 2.521 | 2.519 | 182.4906 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1230 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.3120 | Aliquot 1: | 0.3120 |
| | Aliquot 2: | 0.3019 | Aliquot 2: | 0.3017 |

**Reported Result: 0.306 g/100 mL**

**Reported UM: 0.049 g/100 mL**

**Comments:**

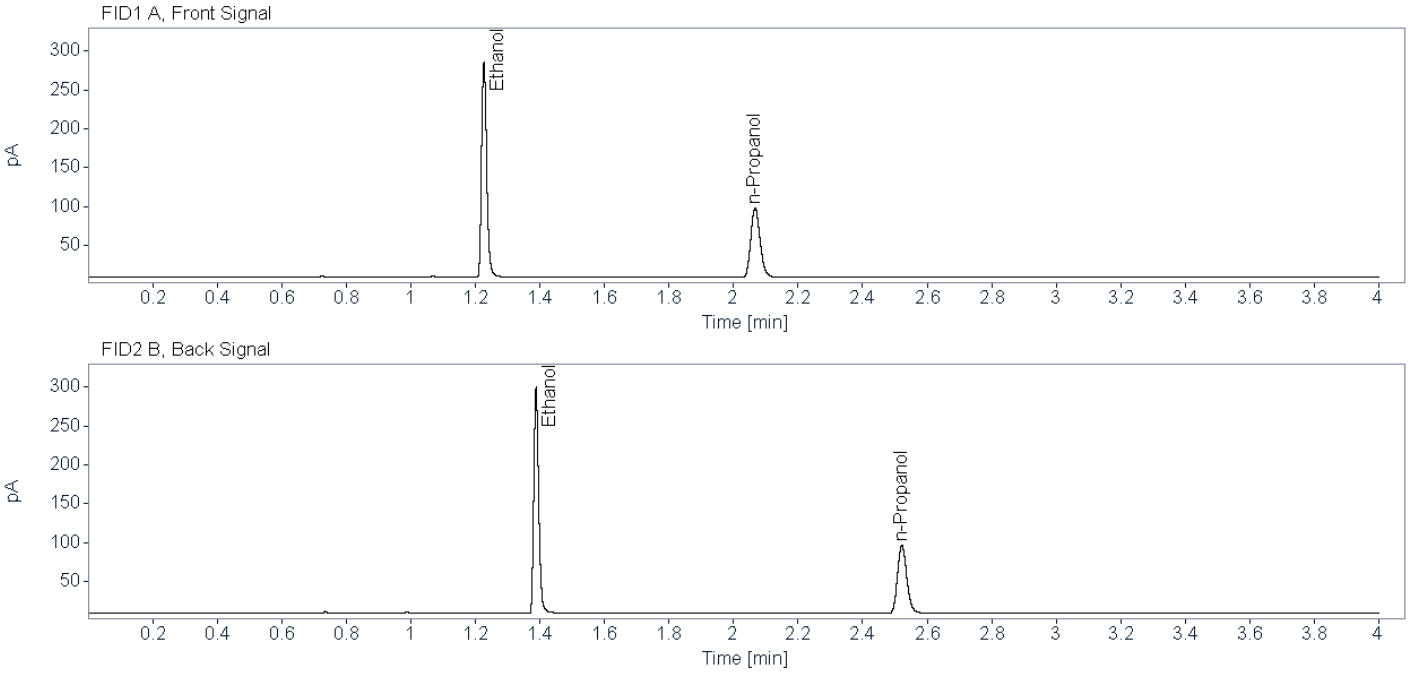
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1230 001_001 (25-1169) **Description:** Alq 1 **Sample Barcode** 25-1169 **Vial Number:** 30

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 1:43:18 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\030F3001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78217 | 1.227 | 1.225 | 307.7684 | 0.3120 |
| n-Propanol | 0.82139 | 2.067 | 2.066 | 179.3127 | 0.0100 |

**Name** FID2B

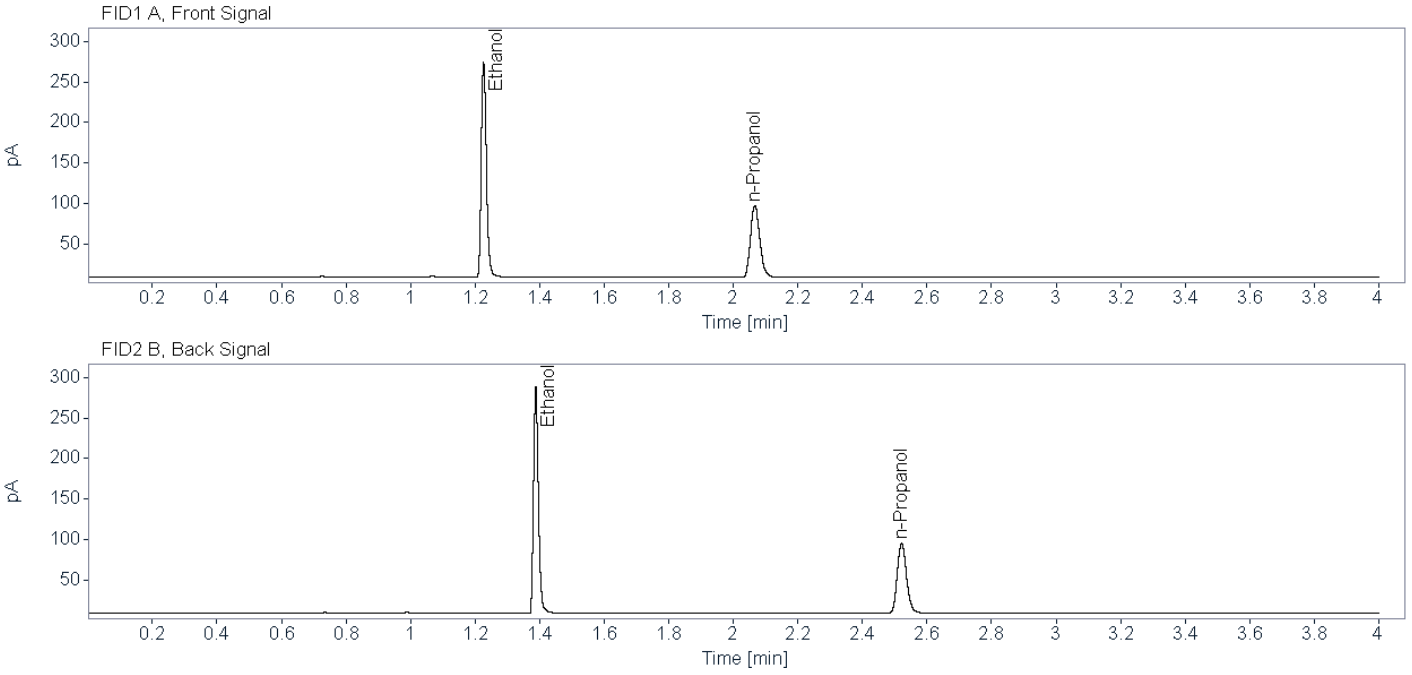
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77843 | 1.388 | 1.386 | 306.4639 | 0.3120 |
| n-Propanol | 0.82018 | 2.522 | 2.519 | 176.6124 | 0.0100 |

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

**Sample Name:** BCCL-25-1230 001_001 (25-1175) **Description:** Alq 2 **Sample Barcode** 25-1175 **Vial Number:** 36

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 2:14:30 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\036F3601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77999 | 1.226 | 1.225 | 295.8315 | 0.3019 |
| n-Propanol | 0.81304 | 2.067 | 2.066 | 178.1319 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79197 | 1.388 | 1.386 | 294.1341 | 0.3017 |
| n-Propanol | 0.83520 | 2.522 | 2.519 | 175.3056 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1233 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1696 | Aliquot 1: | 0.1698 |
| | Aliquot 2: | 0.1663 | Aliquot 2: | 0.1666 |

**Reported Result: 0.168 g/100 mL**

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

**Comments:**

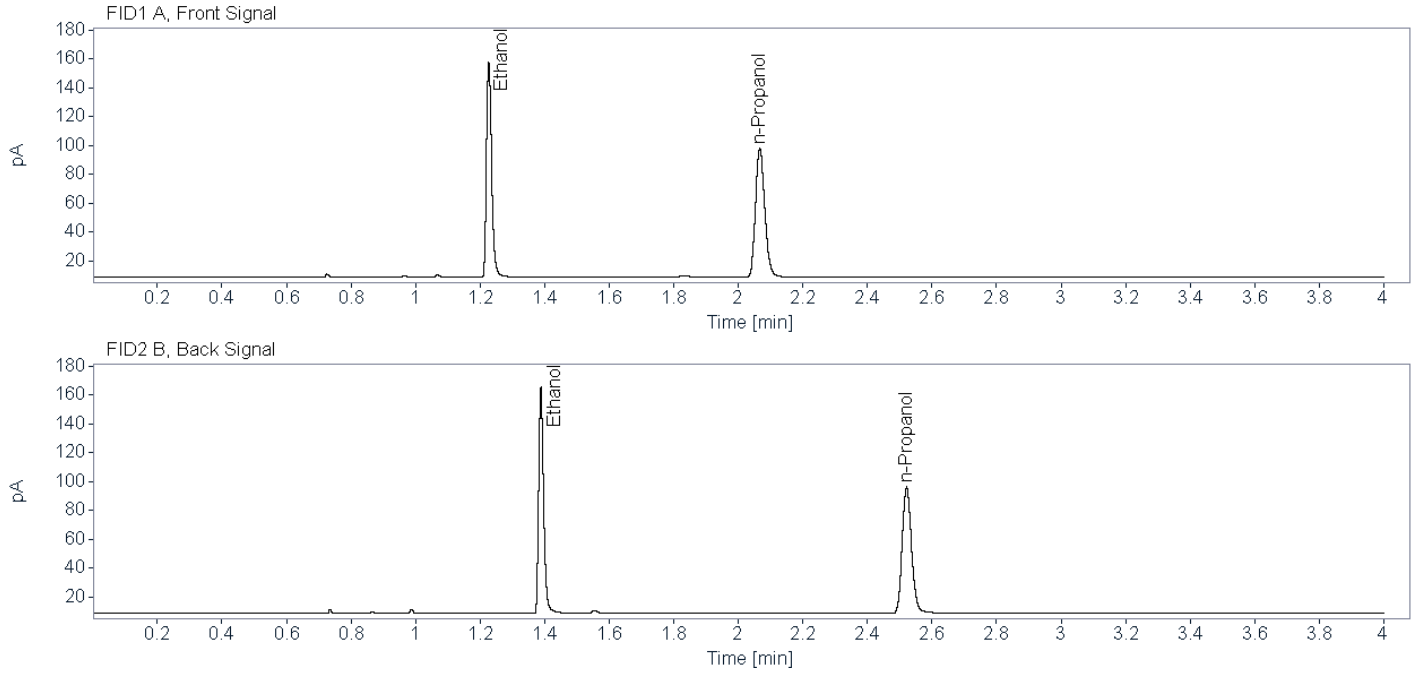
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1233 001_001 (25-1170) **Description:** Alq 1 **Sample Barcode** 25-1170 **Vial Number:** 31

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 1:48:59 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\031F3101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74536 | 1.227 | 1.225 | 167.0515 | 0.1696 |
| n-Propanol | 0.81591 | 2.067 | 2.066 | 179.2171 | 0.0100 |

**Name** FID2B

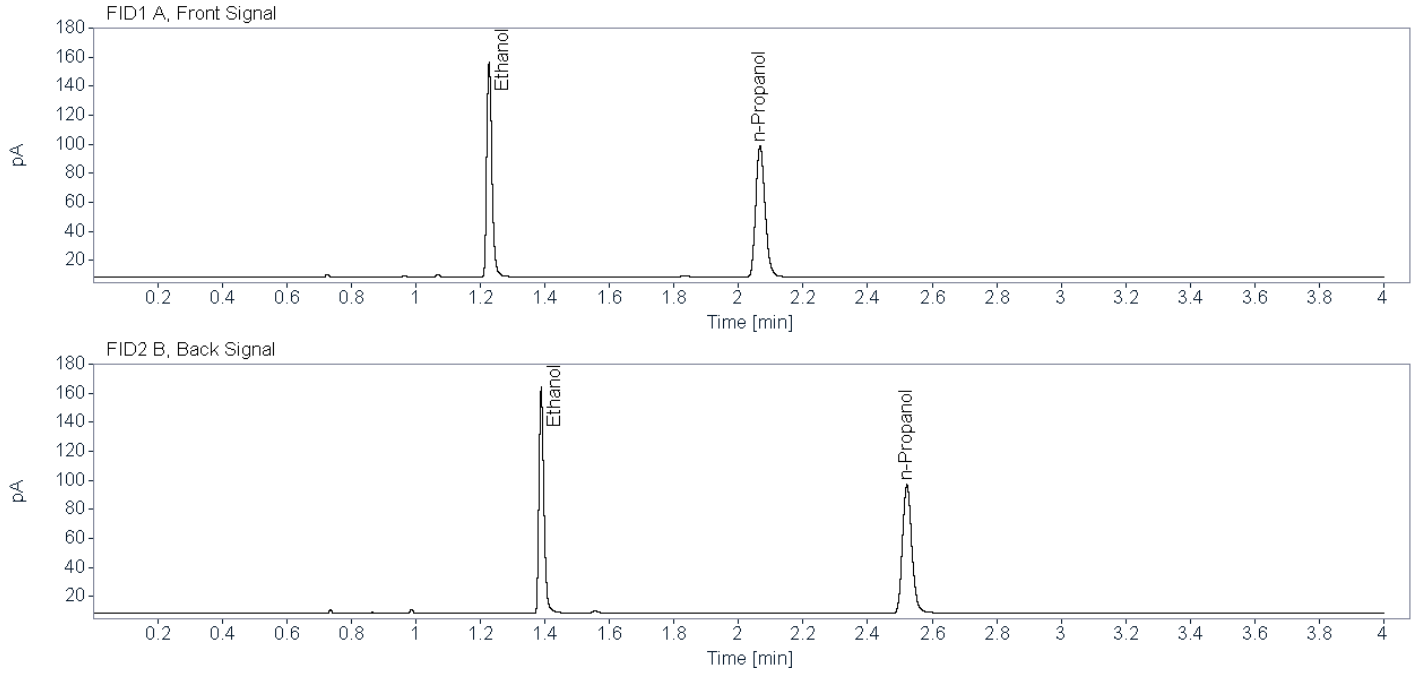
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73505 | 1.388 | 1.386 | 165.8945 | 0.1698 |
| n-Propanol | 0.83559 | 2.521 | 2.519 | 176.0132 | 0.0100 |

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

**Sample Name:** BCCL-25-1233 001_001 (25-1174) **Description:** Alq 2 **Sample Barcode** 25-1174 **Vial Number:** 35

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 2:09:48 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\035F3501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.74419 | 1.227 | 1.225 | 165.4520 | 0.1663 |
| n-Propanol | 0.82091 | 2.067 | 2.066 | 181.0347 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.73355 | 1.388 | 1.386 | 165.0427 | 0.1666 |
| n-Propanol | 0.84233 | 2.521 | 2.519 | 178.4230 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-25-1299 001_001

**Batch Name:** BAC_20250728_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

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

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2430 | Aliquot 1: | 0.2438 |
| | Aliquot 2: | 0.2386 | Aliquot 2: | 0.2382 |

**Reported Result: 0.240 g/100 mL**

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

**Comments:**

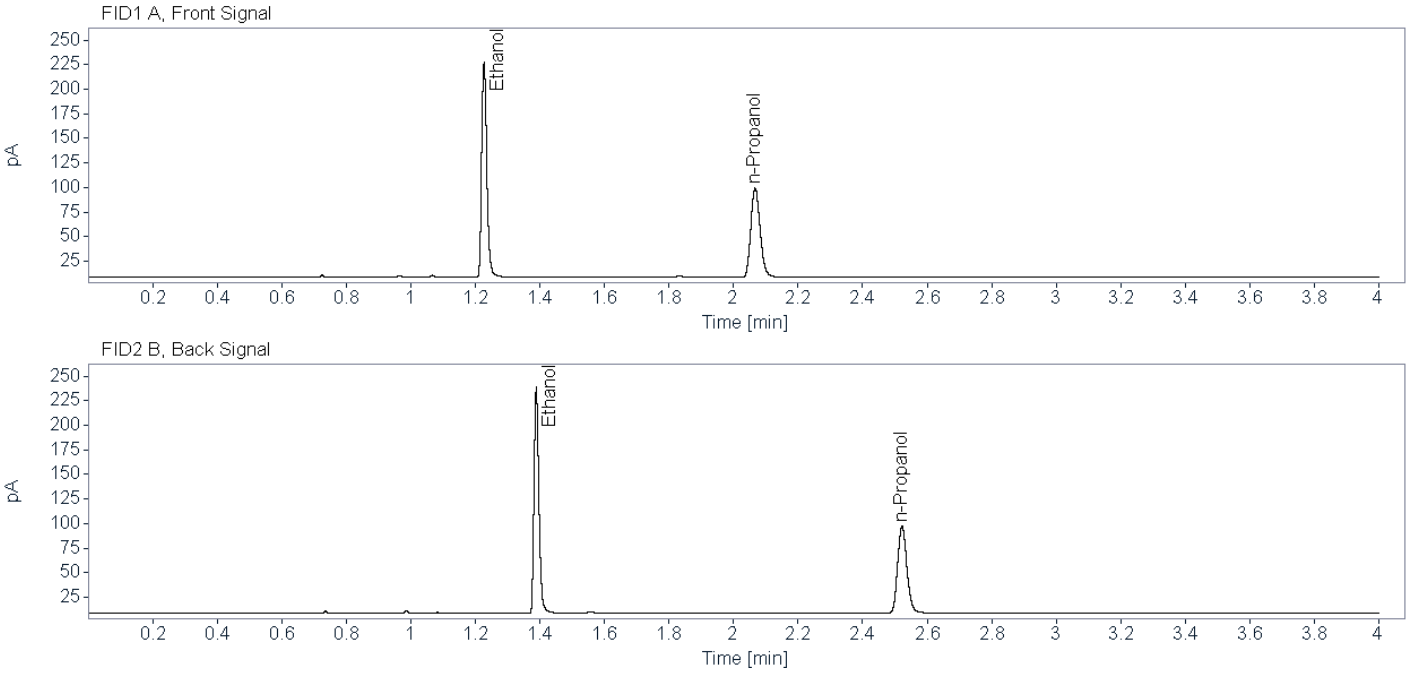
**Total Number of Printed Examination Pages:** 0

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

**Sample Name:** BCCL-25-1299 001_001 (25-1171) **Description:** Alq 1 **Sample Barcode** 25-1171 **Vial Number:** 32

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 1:53:42 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\032F3201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.77760 | 1.227 | 1.225 | 243.2412 | 0.2430 |
| n-Propanol | 0.82256 | 2.067 | 2.066 | 182.0543 | 0.0100 |

**Name** FID2B

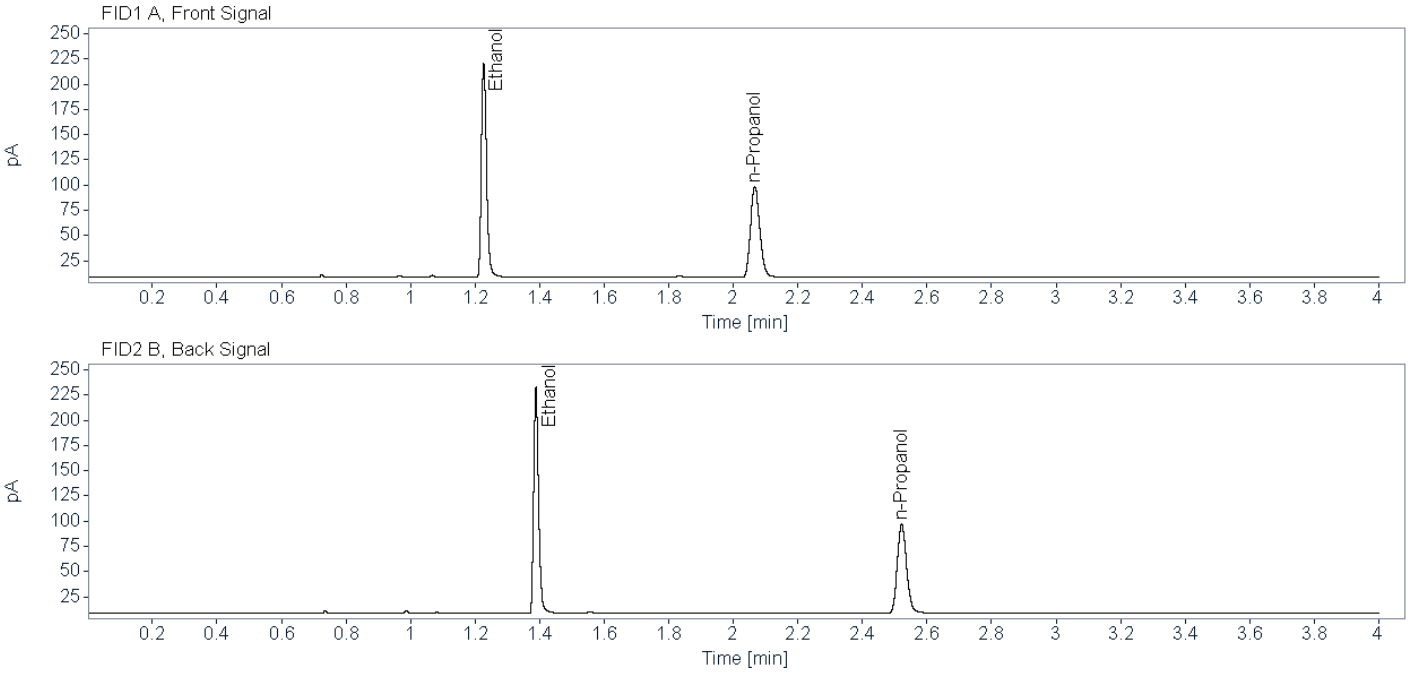
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76128 | 1.389 | 1.386 | 242.5725 | 0.2438 |
| n-Propanol | 0.82340 | 2.522 | 2.519 | 179.0365 | 0.0100 |

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

**Sample Name:** BCCL-25-1299 001_001 (25-1173) **Description:** Alq 2 **Sample Barcode** 25-1173 **Vial Number:** 34

**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 7/28/2025 2:04:06 PM

**Data File:** C:\Chem32\1\Data\2025\BAC_20250728_KB 2025-07-28 11-02-52\034F3401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.76024 | 1.227 | 1.225 | 237.1412 | 0.2386 |
| n-Propanol | 0.81248 | 2.067 | 2.066 | 180.7125 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.75862 | 1.389 | 1.386 | 235.4920 | 0.2382 |
| n-Propanol | 0.83522 | 2.522 | 2.519 | 177.8707 | 0.0100 |