Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20250319_MH		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	71	✓	✓

Analyst Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2025.03.26 11:20:30 -05'00'

Date: 03/26/2025

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2025.04.09 14:59:43 -05'00'

Date: 4/9/2025

Batch Name: BAC_20250319_MH

Technical Review Notes

-N/A -KB 4/9/2025

BAC Summary Worksheet

Batch Name:	BAC_20250319_MH
Instrument:	BAC-1
Analyst:	Melissa Henry
UM%:	16.17
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		185.6508	184.1448
Acceptance Range	**Min**	167.0857	165.7303
	Max	204.2159	202.5592

Calibrators	Ethanol Obtained Value		Ethanol Average	% Difference			IS Area Counts	
	FID1	FID2		Average & Target	FID1 & Average	FID2 & Average	FID1	FID2
0.010 g/100mL Calibrator	0.0101	0.0102	0.0101	1.00	0.00	0.99	183.2820	181.8427
0.025 g/100mL Calibrator	0.0246	0.0245	0.0245	-2.00	0.41	0.00	187.0645	185.6002
0.050 g/100mL Calibrator	0.0499	0.0498	0.0498	-0.40	0.20	0.00	186.5603	185.0835
0.100 g/100mL Calibrator	0.0997	0.0998	0.0997	-0.30	0.00	0.10	186.0827	184.5694
0.200 g/100mL Calibrator	0.2019	0.2020	0.2019	0.95	0.00	0.05	181.5362	180.0470
0.400 g/100mL Calibrator	0.4057	0.4062	0.4059	1.47	-0.05	0.07	187.0632	185.5182
0.500 g/100mL Calibrator	0.4934	0.4928	0.4931	-1.38	0.06	-0.06	187.9668	186.3523

		Target	Acceptance Range	
			Min	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		Ethanol Average	% Difference			IS Area Counts	
	FID1	FID2		Average & Target	FID1 & Average	FID2 & Average	FID1	FID2
Negative	0.0000	0.0000	0.0000	-	-	-	185.4847	183.9317
High QC	0.4145	0.4137	0.4141	3.53	0.10	-0.10	185.9115	184.3375
Low QC	0.0794	0.0797	0.0795	-0.63	-0.13	0.25	188.7671	187.1014
Blood QC A	0.0775	0.0777	0.0776	-1.52	-0.13	0.13	182.3867	180.8643
Blood QC B	0.1944	0.1949	0.1946	1.51	-0.10	0.15	182.3103	180.7816
Blood QC A	0.0825	0.0828	0.0826	4.82	-0.12	0.24	185.9095	184.4117
High QC	0.4105	0.4116	0.4110	2.75	-0.12	0.15	176.9891	175.1677
Low QC	0.0826	0.0827	0.0826	3.25	0.00	0.12	179.2852	177.6898
DI Water	0.0000	0.0000	0.0000	-	-	-	183.7708	182.1249

		Target	Acceptance Range	
			Min	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		Ethanol Obtained Value Alq2		Result	UM	% Difference FID & Average				IS Area Counts Alq1		IS Area Counts Alq2	
		FID1	FID2	FID1	FID2			Alq1 FID1	Alq1 FID2	Alq 2 FID1	Alq2 FID2	FID1	FID2	FID1	FID2
1	BCCL-25-0385 001_001	0.1224	0.1222	0.1267	0.1268	0.124	0.020	-1.71	-1.87	1.75	1.83	193.5316	191.9415	182.6916	181.2322
2	BCCL-25-0397 001_001	0.2933	0.2936	0.2929	0.2940	0.293	0.047	-0.05	0.05	-0.19	0.19	186.6534	185.0473	185.5551	183.7818
3	BCCL-25-0399 001_001	0.2167	0.2170	0.2085	0.2089	0.212	0.034	1.84	1.99	-2.01	-1.82	186.0426	184.5566	186.4449	185.1174
4	BCCL-25-0400 001_001	0.2022	0.2026	0.2163	0.2166	0.209	0.034	-3.45	-3.26	3.28	3.43	188.2307	186.4062	183.7524	181.9042
5	BCCL-25-0412 001_001	0.1538	0.1540	0.1491	0.1499	0.151	0.024	1.38	1.52	-1.71	-1.19	182.3908	180.9480	180.3556	178.8139
6	BCCL-25-0413 001_001	0.1856	0.1859	0.1882	0.1888	0.187	0.030	-0.81	-0.65	0.57	0.90	180.6627	179.1765	181.9641	180.5712
7	BCCL-25-0414 001_001	0.2832	0.2832	0.2644	0.2647	0.273	0.044	3.40	3.40	-3.46	-3.35	184.9101	183.4946	183.1565	181.7276
8	BCCL-25-0415 001_001	0.1807	0.1809	0.1857	0.1857	0.183	0.030	-1.39	-1.28	1.34	1.34	180.4750	178.9864	175.3562	173.8914
9	BCCL-25-0417 001_001	0.1943	0.1948	0.1980	0.1985	0.196	0.032	-1.07	-0.81	0.81	1.07	179.4625	178.1963	184.7970	183.5293
10	**BCCL-25-0418 001_001**	0.0953	0.0958	0.0940	0.0941	0.094	0.015	0.53	1.05	-0.84	-0.74	178.8958	177.3909	175.6840	174.2331

Melissa Henry

Digitally signed by Melissa Henry
Date: 2025.03.26 11:13:41 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC_20250319_MH **Analyst:** Melissa Henry **Instrument:** BAC-1

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-5008R
Cal 2	FN03122112	3/31/2026	S-23-5009E
Cal 3	FN03172301	3/31/2028	S-23-5010H
Cal 4	FN03072301	3/31/2028	S-23-5011H
Cal 5	FN03132302	3/31/2028	S-23-5012G
Cal 6	FN03052102	3/31/2026	S-23-5013F
Cal 7	FN06262004	7/31/2025	S-23-5014I
High QC	12052023-B	5/31/2028	S-24-5080C
Low QC	S17757	6/21/2025	S-24-5001L
Blood QC A	2401241	2/28/2028	S-24-5002G
Blood QC B	2302120	5/31/2027	S-24-5003G
Internal Standard	N/A	8/1/2025	R-25-5001
Pipette(s)	5053, 205L		

Comments:

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BCCL ANALYTICAL WORKLIST

ANALYST: Melissa Henry

BAC-20250319_MH

Worklist ID: F73N7T1HF75321

Case #	Evid #	Evid Type	Service
BCCL-25-0385	001_001	Blood	Alcohol
BCCL-25-0397	001_001	Blood	Alcohol
BCCL-25-0399	001_001	Blood	Alcohol
BCCL-25-0400	001_001	Blood	Alcohol
BCCL-25-0412	001_001	Blood	Alcohol
BCCL-25-0413	001_001	Blood	Alcohol
BCCL-25-0414	001_001	Blood	Alcohol
BCCL-25-0415	001_001	Blood	Alcohol
BCCL-25-0417	001_001	Blood	Alcohol
BCCL-25-0418	001_001	Blood	Alcohol

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SEQUENCE PARAMETERS

Sequence : C:\CHEM32\1\SEQUENCE\2025\BAC_20250319_MH.S
Operator : Melissa Henry
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:

verified by KB 3/19/2025

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (25-0453)
Method Name : BAC
Sample Type : Calibration
Calibration Level : 1

Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (25-0454)
Method Name : BAC
Sample Type : Calibration
Calibration Level : 2

Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (25-0455)
Method Name : BAC
Sample Type : Calibration
Calibration Level : 3

Line : 4
Location : 4
Sample Information :
Sample Name : 0.100 g/100mL Cal (25-0456)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 4

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Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (25-0457)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 5

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Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (25-0458)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 6

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Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (25-0459)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 7

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Line : 8
Location : 8
Sample Information :
Sample Name : Negative (25-0460)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (25-0461)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :

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Sample Name : Low QC (25-0462)
Method Name : BAC
Sample Type : Sample

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (25-0463)
Method Name : BAC
Sample Type : Sample

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-25-0385 001_001 (25-0464)
Method Name : BAC
Sample Type : Sample

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-25-0397 001_001 (25-0465)
Method Name : BAC
Sample Type : Sample

Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-25-0399 001_001 (25-0466)
Method Name : BAC
Sample Type : Sample

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-25-0400 001_001 (25-0467)
Method Name : BAC
Sample Type : Sample

Line : 16
Location : 16
Sample Information : Alq 1

Sample Name : BCCL-25-0412 001_001 (25-0468)
Method Name : BAC
Sample Type : Sample

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-25-0413 001_001 (25-0469)
Method Name : BAC
Sample Type : Sample

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-25-0414 001_001 (25-0470)
Method Name : BAC
Sample Type : Sample

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-25-0415 001_001 (25-0471)
Method Name : BAC
Sample Type : Sample

Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-25-0417 001_001 (25-0472)
Method Name : BAC
Sample Type : Sample

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-25-0418 001_001 (25-0473)
Method Name : BAC
Sample Type : Sample

Line : 22
Location : 22
Sample Information :

Sample Name : Blood QC B (25-0474)
Method Name : BAC
Sample Type : Sample

Line : 23
Location : 23
Sample Information : Alq 2
Sample Name : BCCL-25-0418 001_001 (25-0475)
Method Name : BAC
Sample Type : Sample

Line : 24
Location : 24
Sample Information : Alq 2
Sample Name : BCCL-25-0417 001_001 (25-0476)
Method Name : BAC
Sample Type : Sample

Line : 25
Location : 25
Sample Information : Alq 2
Sample Name : BCCL-25-0415 001_001 (25-0477)
Method Name : BAC
Sample Type : Sample

Line : 26
Location : 26
Sample Information : Alq 2
Sample Name : BCCL-25-0414 001_001 (25-0478)
Method Name : BAC
Sample Type : Sample

Line : 27
Location : 27
Sample Information : Alq 2
Sample Name : BCCL-25-0413 001_001 (25-0479)
Method Name : BAC
Sample Type : Sample

Line : 28
Location : 28
Sample Information : Alq 2

Sample Name : BCCL-25-0412 001_001 (25-0480)
Method Name : BAC
Sample Type : Sample

Line : 29
Location : 29
Sample Information : Alq 2
Sample Name : BCCL-25-0400 001_001 (25-0481)
Method Name : BAC
Sample Type : Sample

Line : 30
Location : 30
Sample Information : Alq 2
Sample Name : BCCL-25-0399 001_001 (25-0482)
Method Name : BAC
Sample Type : Sample

Line : 31
Location : 31
Sample Information : Alq 2
Sample Name : BCCL-25-0397 001_001 (25-0483)
Method Name : BAC
Sample Type : Sample

Line : 32
Location : 32
Sample Information : Alq 2
Sample Name : BCCL-25-0385 001_001 (25-0484)
Method Name : BAC
Sample Type : Sample

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (25-0485)
Method Name : BAC
Sample Type : Sample

Line : 34
Location : 34
Sample Information :

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Sample Name : High QC (25-0486)
Method Name : BAC
Sample Type : Sample

Line : 35
Location : 35
Sample Information :
Sample Name : Low QC (25-0487)
Method Name : BAC
Sample Type : Sample

Line : 36
Location : 36
Sample Information :
Sample Name : DI Water (25-0488)
Method Name : BAC
Sample Type : Sample

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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

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Agilent 7697A

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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

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Agilent 7890A

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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
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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
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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

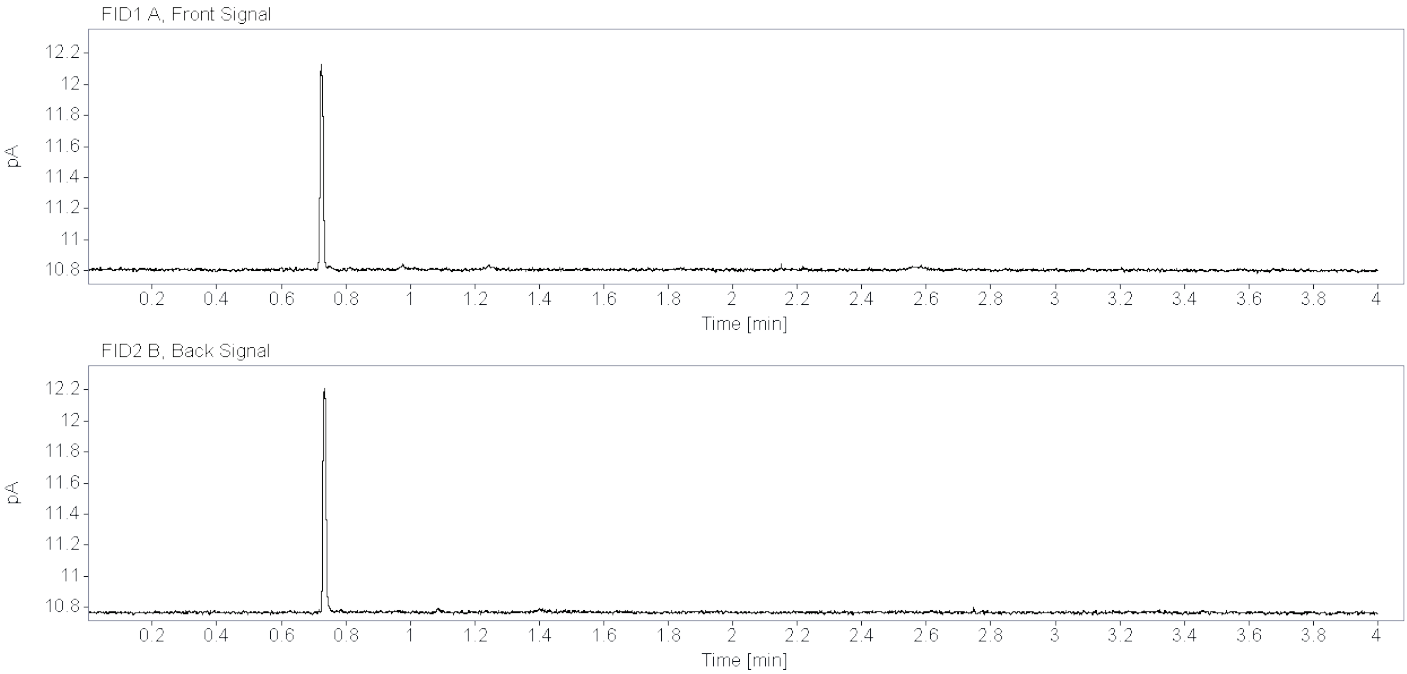
Detector Default Integration Event Table "Event_FID"

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

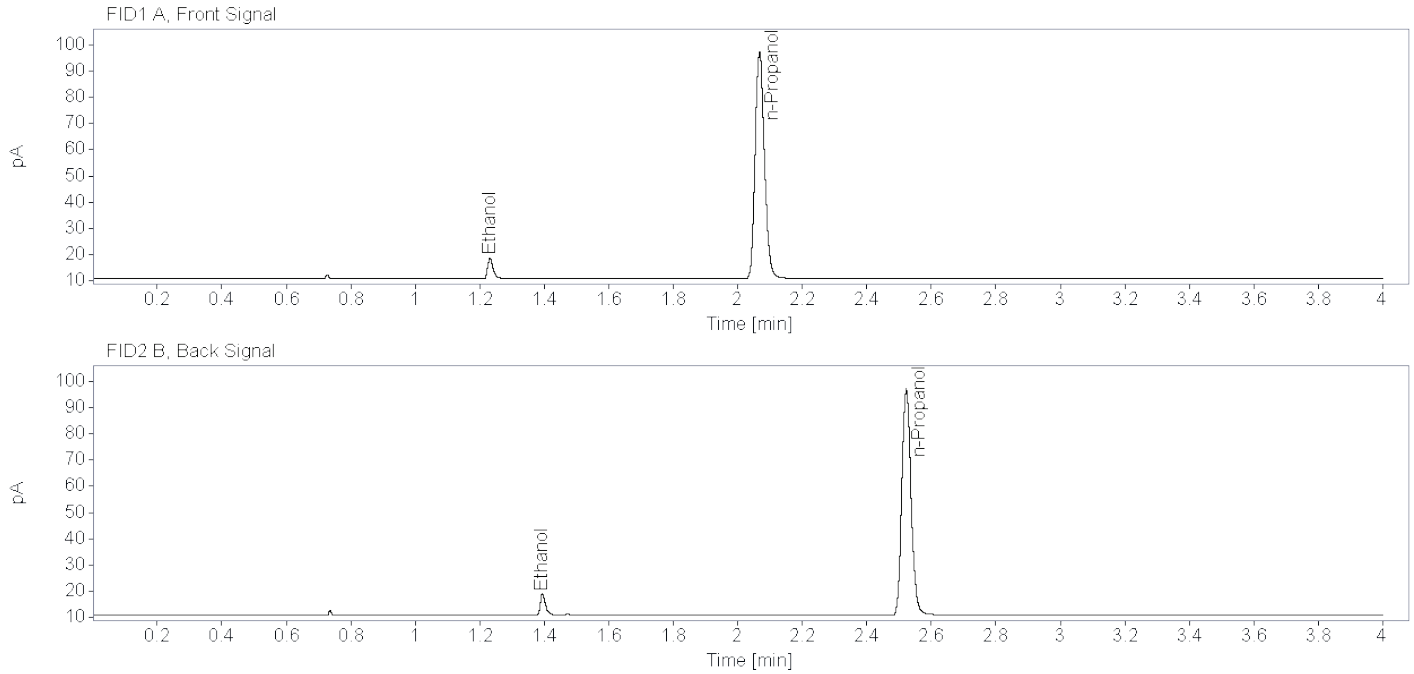
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 10:48:55 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250319PC_MH 2025-03-19 10-38-57\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:** 3/19/2025 10:53:38 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250319PC_MH 2025-03-19 10-38-57\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69962	1.232	1.231	9.3030	0.0109
n-Propanol	0.82912	2.068	2.066	172.7245	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.66911	1.395	1.392	9.1082	0.0107
n-Propanol	0.85086	2.522	2.520	171.4204	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 3/20/2025 8:16:02 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
1.226	1	1	1.00000e-2	9.90579	1.00951e-3	No	No	1	Ethanol
		2	2.50000e-2	25.00544	9.99783e-4				
		3	5.00000e-2	51.00810	9.80236e-4				
		4	1.00000e-1	101.97339	9.80648e-4				
		5	2.00000e-1	201.74704	9.91340e-4				
		6	4.00000e-1	418.10489	9.56698e-4				
		7	5.00000e-1	511.04538	9.78387e-4				
1.386	2	1	1.00000e-2	9.58630	1.04316e-3	No	No	2	Ethanol
		2	2.50000e-2	24.50376	1.02025e-3				
		3	5.00000e-2	50.37933	9.92471e-4				
		4	1.00000e-1	101.23870	9.87765e-4				
		5	2.00000e-1	200.44801	9.97765e-4				
		6	4.00000e-1	416.00327	9.61531e-4				
		7	5.00000e-1	507.11713	9.85966e-4				
2.067	1	1	1.00000e-2	183.28203	5.45607e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	187.06450	5.34575e-5				
		3	1.00000e-2	186.56027	5.36020e-5				
		4	1.00000e-2	186.08266	5.37396e-5				
		5	1.00000e-2	181.53619	5.50854e-5				
		6	1.00000e-2	187.06322	5.34579e-5				
		7	1.00000e-2	187.96677	5.32009e-5				
2.520	2	1	1.00000e-2	181.84265	5.49926e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	185.60019	5.38793e-5				
		3	1.00000e-2	185.08345	5.40297e-5				
		4	1.00000e-2	184.56935	5.41802e-5				
		5	1.00000e-2	180.04695	5.55411e-5				
		6	1.00000e-2	185.51820	5.39031e-5				
		7	1.00000e-2	186.35226	5.36618e-5				

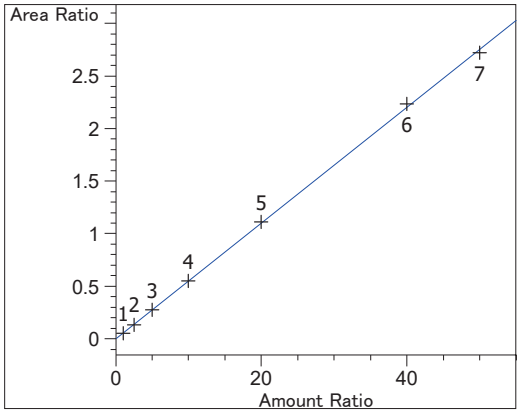
Peak Sum Table

No Entries in table

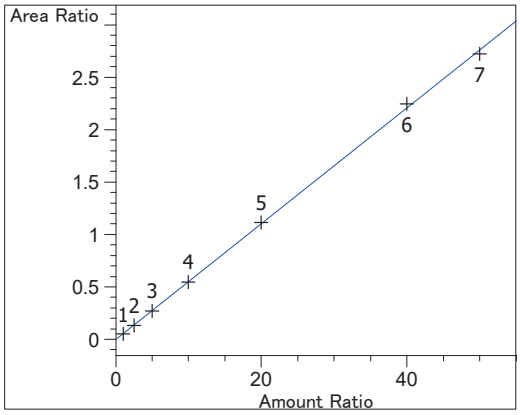
3 Warnings or Errors :

Warning : Curve requires more calibration points., (n-Propanol)
Warning : Curve requires more calibration points. at 2.067 min, signal 1
Warning : Curve requires more calibration points. at 2.52 min, signal 2

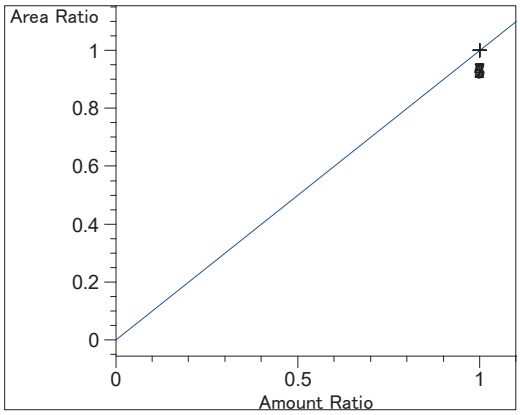
Calibration Curves



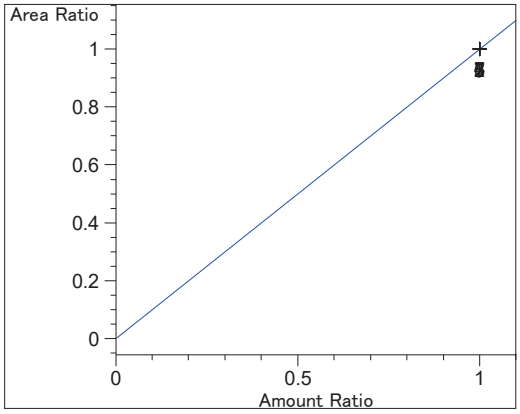
Ethanol at exp. RT: 1.226
FID1 A, Front Signal
Correlation: 0.99990
Residual Std. Dev.: 0.02201
Formula: y = mx + b
m: 5.51429e-2
b: -1.79593e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.404321
Level 3 : 0.197674
Level 4 : 0.098625
Level 5 : 0.048632
Level 6 : 0.024181
Level 7 : 0.019879



Ethanol at exp. RT: 1.386
FID2 B, Back Signal
Correlation: 0.99989
Residual Std. Dev.: 0.02402
Formula: y = mx + b
m: 5.52918e-2
b: -3.40787e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.399301
Level 3 : 0.193674
Level 4 : 0.09611
Level 5 : 0.047352
Level 6 : 0.02351
Level 7 : 0.019372



n-Propanol at exp. RT: 2.067
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

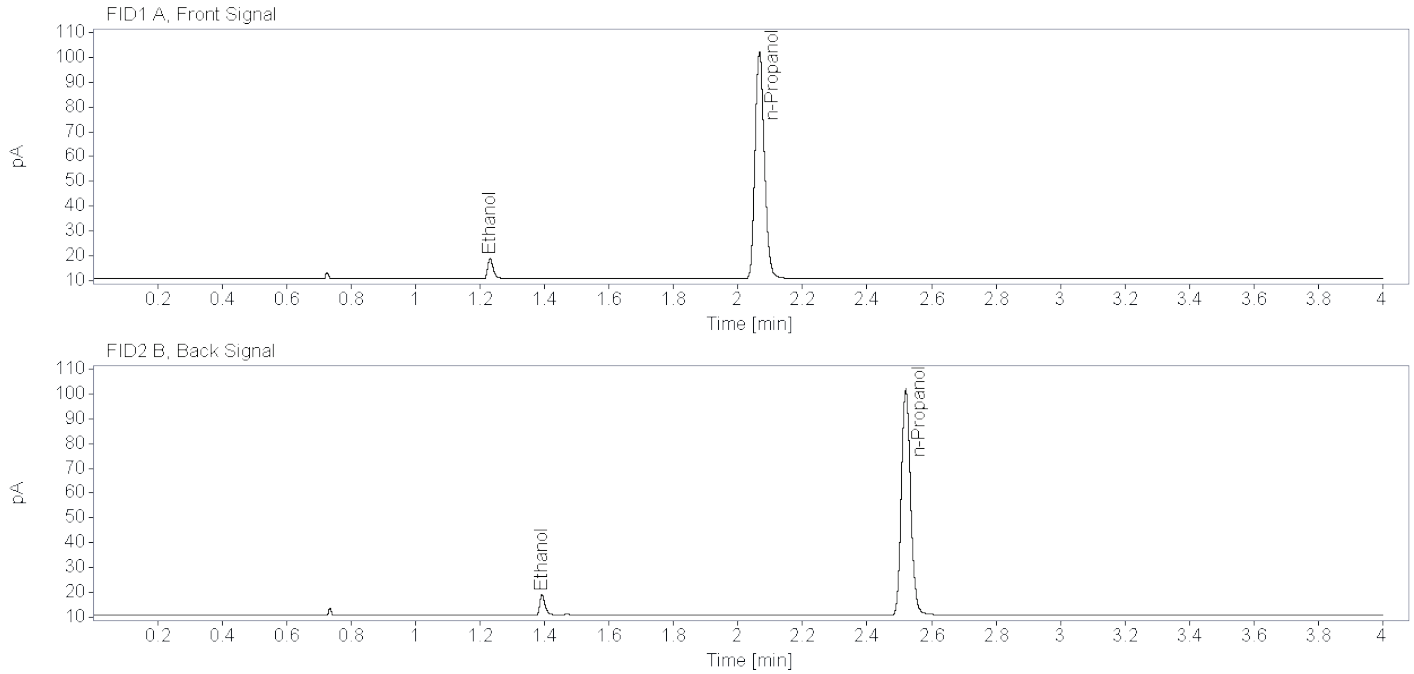


n-Propanol at exp. RT: 2.520
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (25-0453) **Description:** **Sample Barcode** 25-0453 **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 2:09:30 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\001F0101.D



Name FID1A

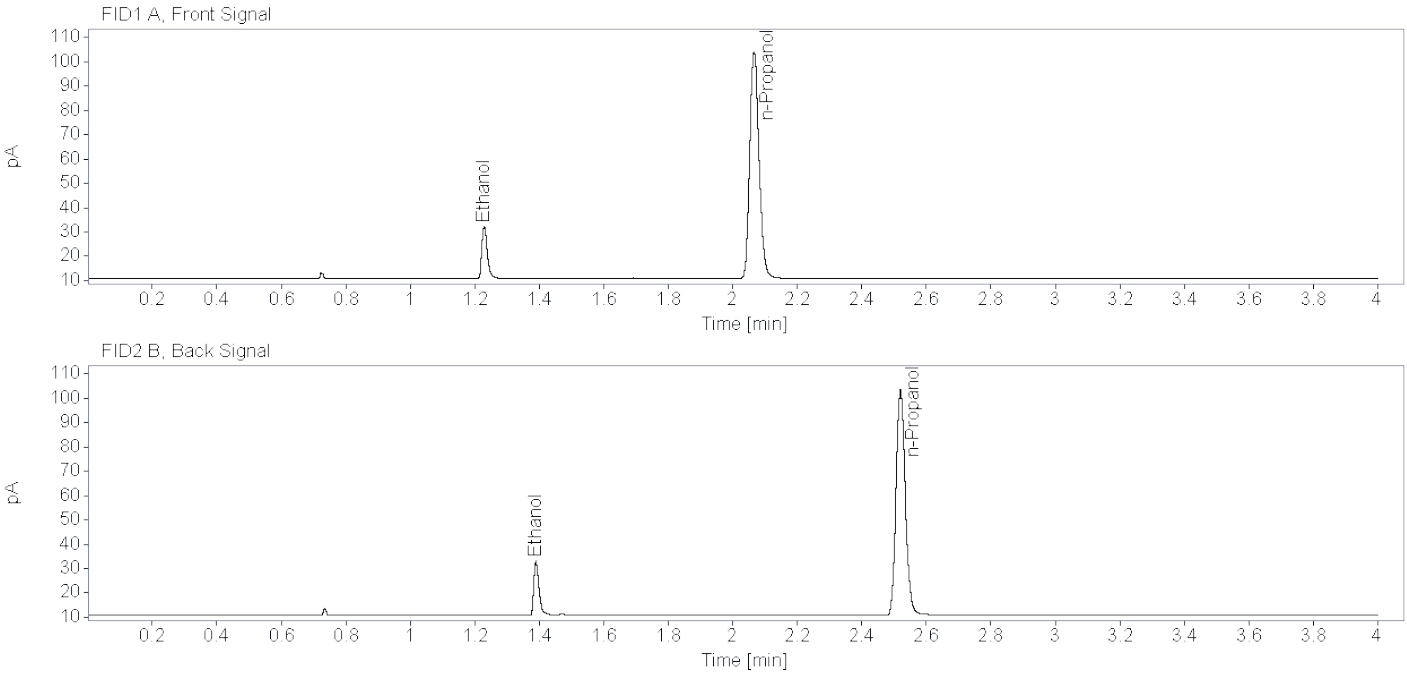
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68671	1.231	1.231	9.9058	0.0101
n-Propanol	0.82874	2.066	2.066	183.2820	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.64407	1.392	1.392	9.5863	0.0102
n-Propanol	0.84992	2.520	2.520	181.8427	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (25-0454) **Description:** **Sample Barcode** 25-0454 **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 2:14:13 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\002F0201.D



Name FID1A

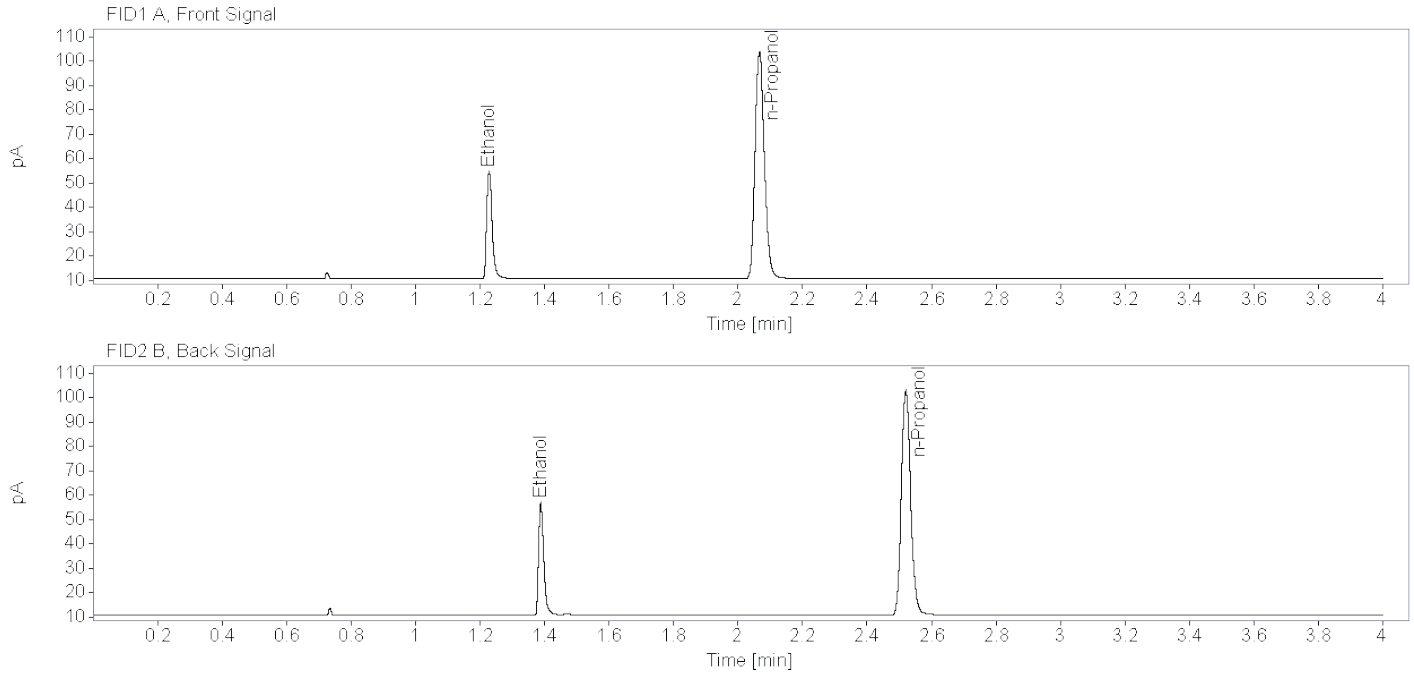
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69757	1.229	1.229	25.0054	0.0246
n-Propanol	0.82381	2.066	2.066	187.0645	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.64804	1.390	1.390	24.5038	0.0245
n-Propanol	0.84218	2.520	2.520	185.6002	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (25-0455) **Description:** **Sample Barcode** 25-0455 **Vial Number:** 3
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 2:19:54 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\003F0301.D



Name FID1A

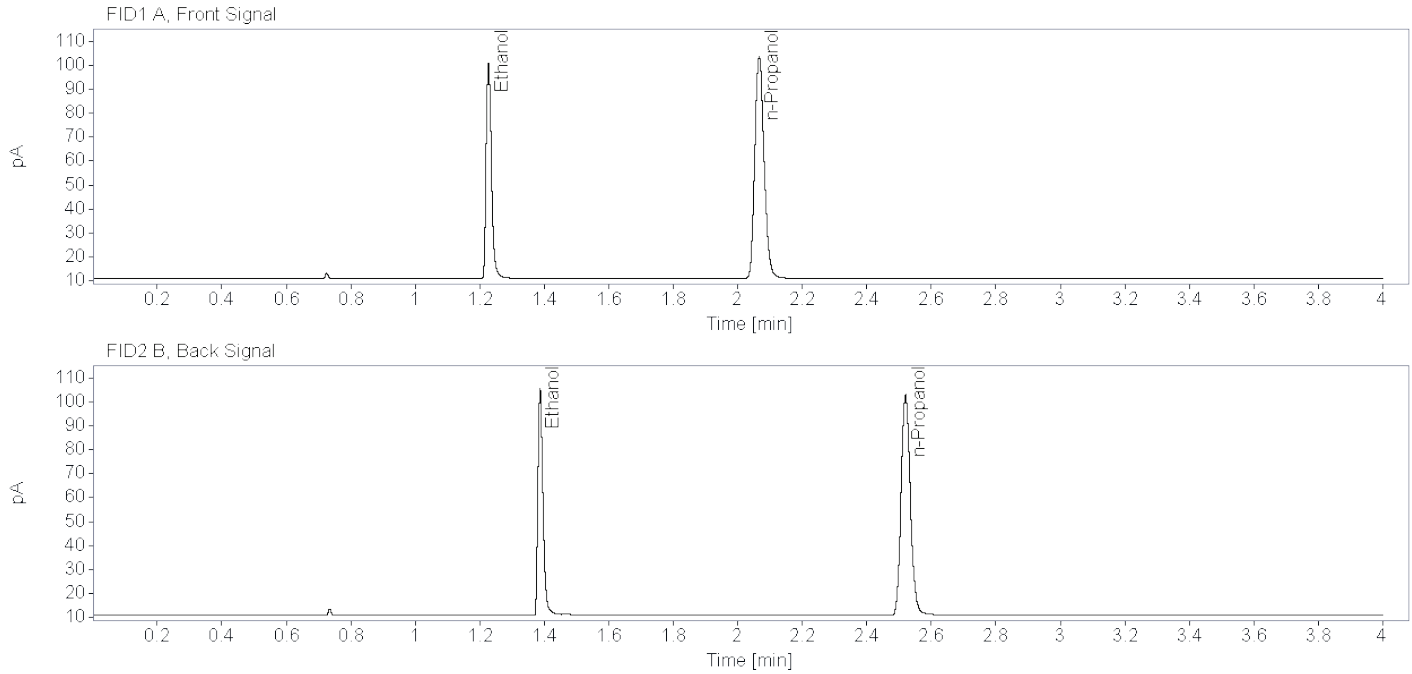
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70867	1.228	1.228	51.0081	0.0499
n-Propanol	0.82668	2.066	2.066	186.5603	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68115	1.389	1.389	50.3793	0.0498
n-Propanol	0.85059	2.520	2.520	185.0835	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (25-0456) **Description:** **Sample Barcode** 25-0456 **Vial Number:** 4
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 2:24:37 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\004F0401.D



Name FID1A

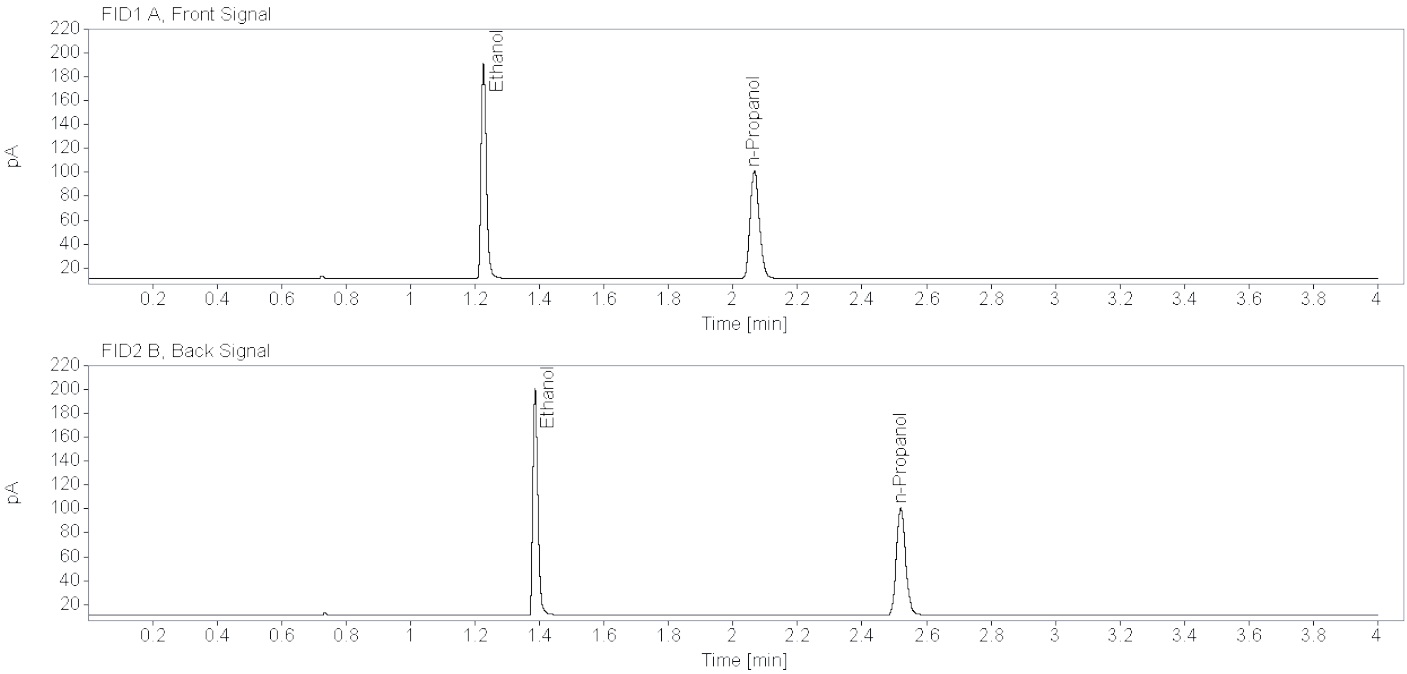
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72587	1.227	1.227	101.9734	0.0997
n-Propanol	0.81986	2.066	2.066	186.0827	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70606	1.387	1.387	101.2387	0.0998
n-Propanol	0.84091	2.520	2.520	184.5694	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (25-0457) **Description:** **Sample Barcode** 25-0457 **Vial Number:** 5
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 2:30:18 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\005F0501.D



Name FID1A

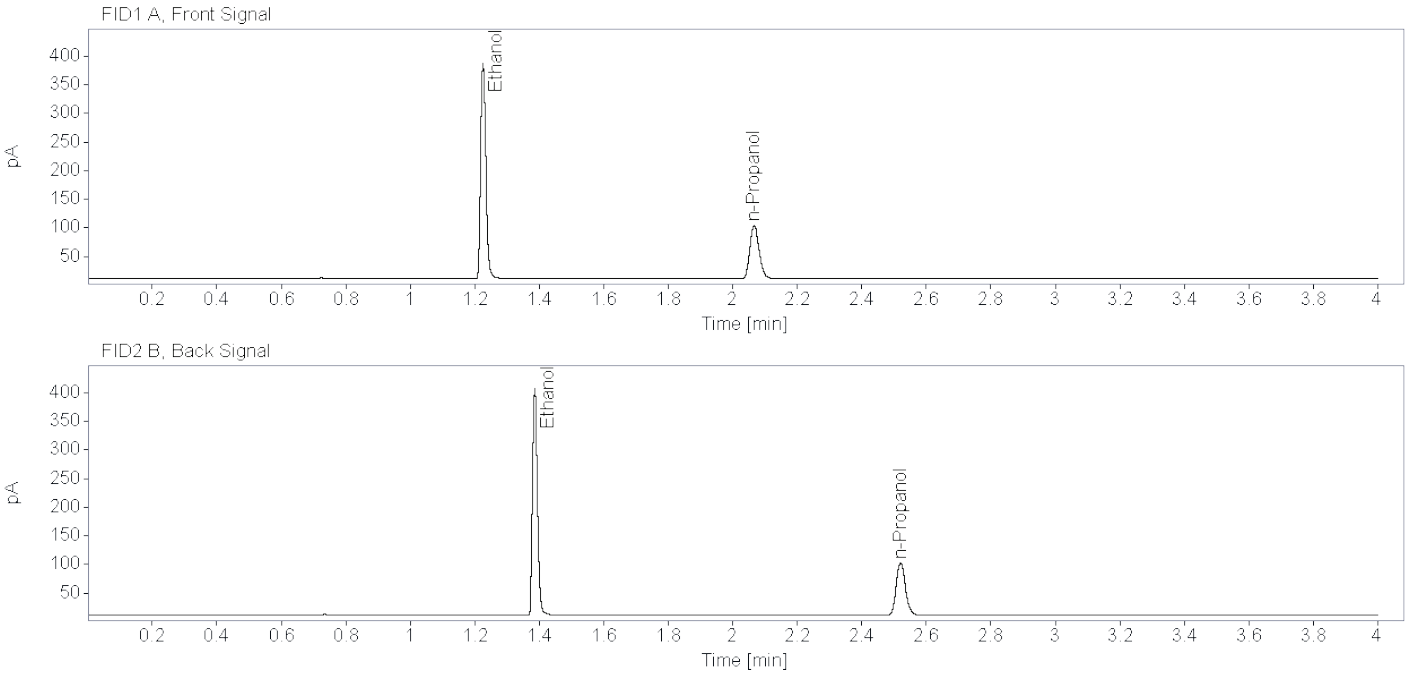
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75559	1.226	1.226	201.7470	0.2019
n-Propanol	0.82477	2.066	2.066	181.5362	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74977	1.387	1.387	200.4480	0.2020
n-Propanol	0.84600	2.520	2.520	180.0470	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (25-0458) **Description:** **Sample Barcode** 25-0458 **Vial Number:** 6
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 2:35:01 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\006F0601.D



Name FID1A

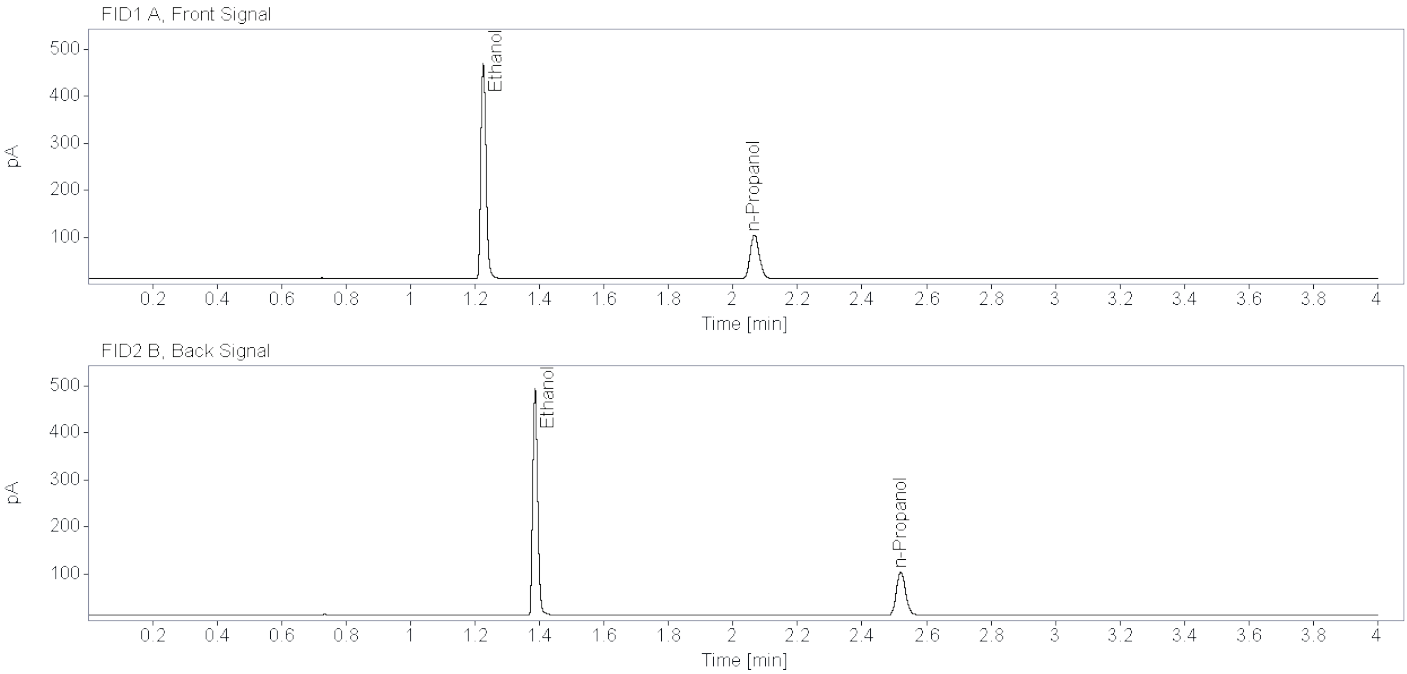
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79566	1.226	1.226	418.1049	0.4057
n-Propanol	0.81930	2.066	2.066	187.0632	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80709	1.386	1.386	416.0033	0.4062
n-Propanol	0.84287	2.520	2.520	185.5182	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (25-0459) **Description:** **Sample Barcode** 25-0459 **Vial Number:** 7
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 2:40:42 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\007F0701.D



Name FID1A

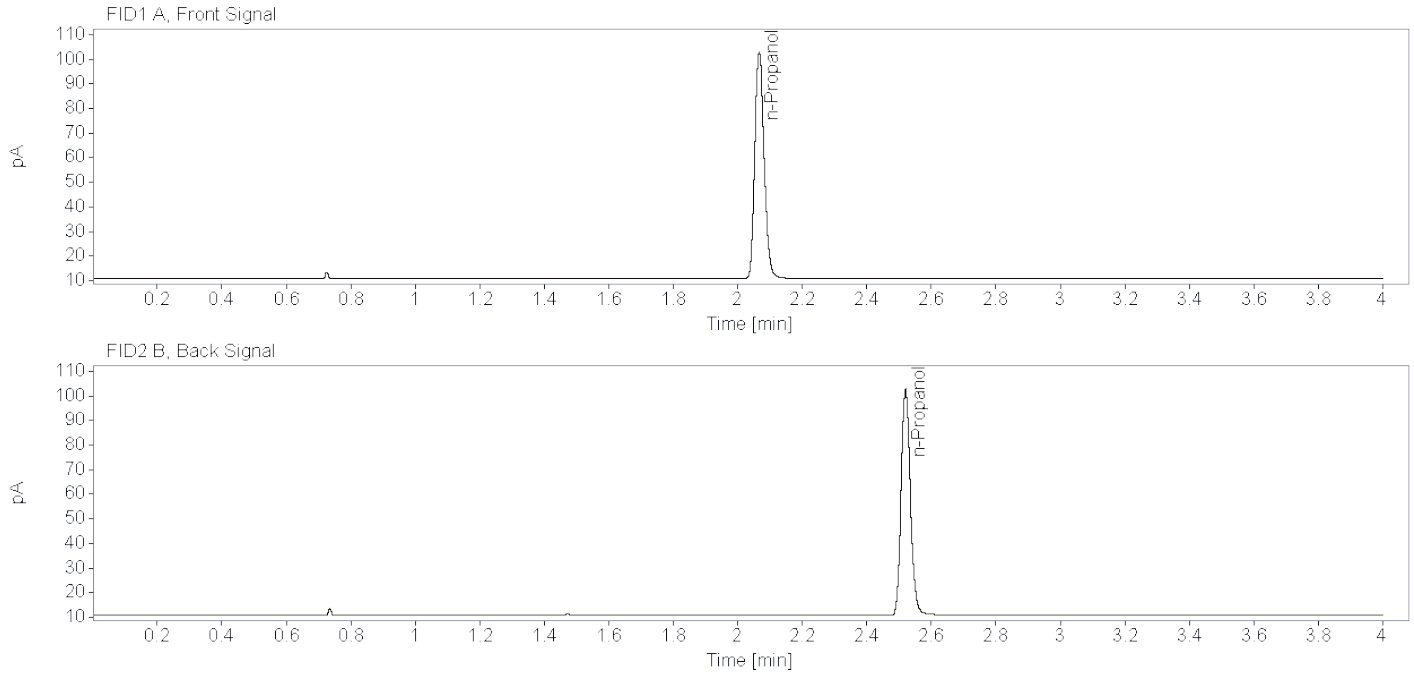
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80782	1.226	1.226	511.0454	0.4934
n-Propanol	0.82603	2.067	2.067	187.9668	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82873	1.386	1.386	507.1171	0.4928
n-Propanol	0.84665	2.520	2.520	186.3523	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (25-0460) **Description:** **Sample Barcode** 25-0460 **Vial Number:** 8
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 2:45:25 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\008F0801.D



Name FID1A

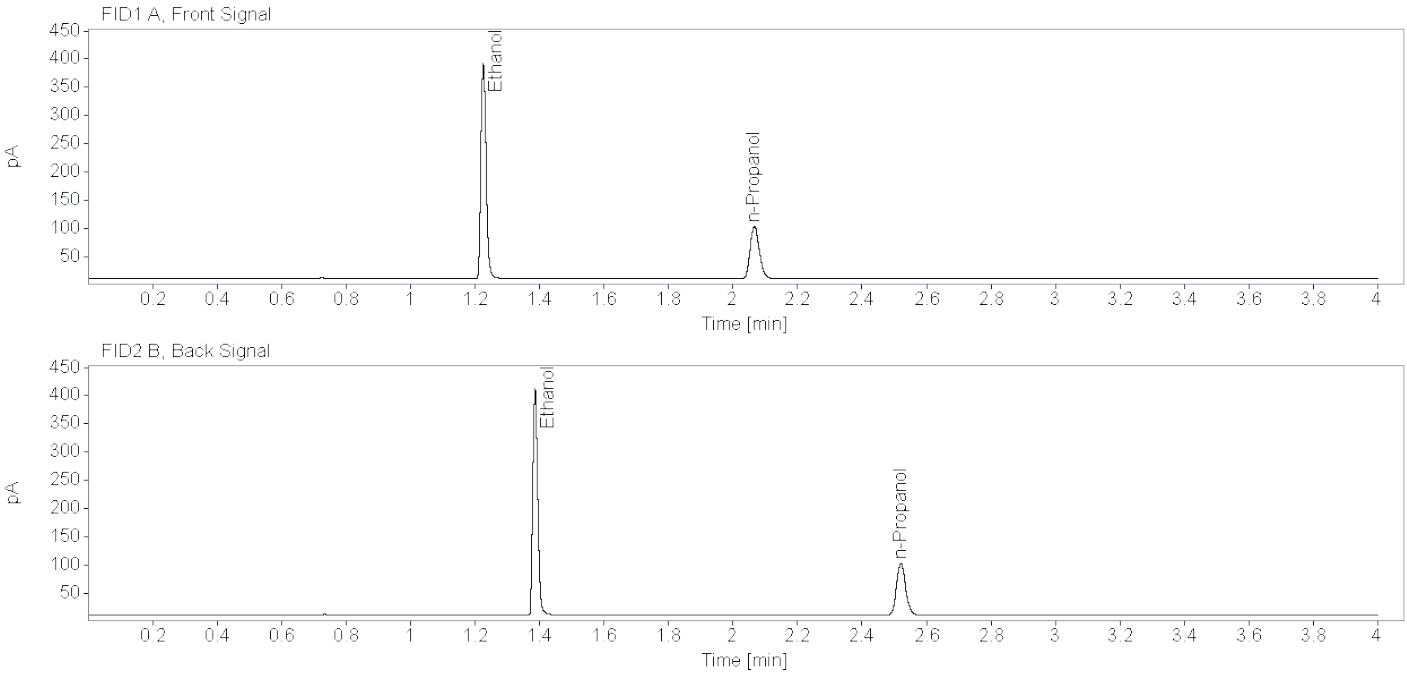
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82059	2.067	2.067	185.4847	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84024	2.520	2.520	183.9317	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-0461) **Description:** **Sample Barcode** 25-0461 **Vial Number:** 9
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 2:51:06 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\009F0901.D



Name FID1A

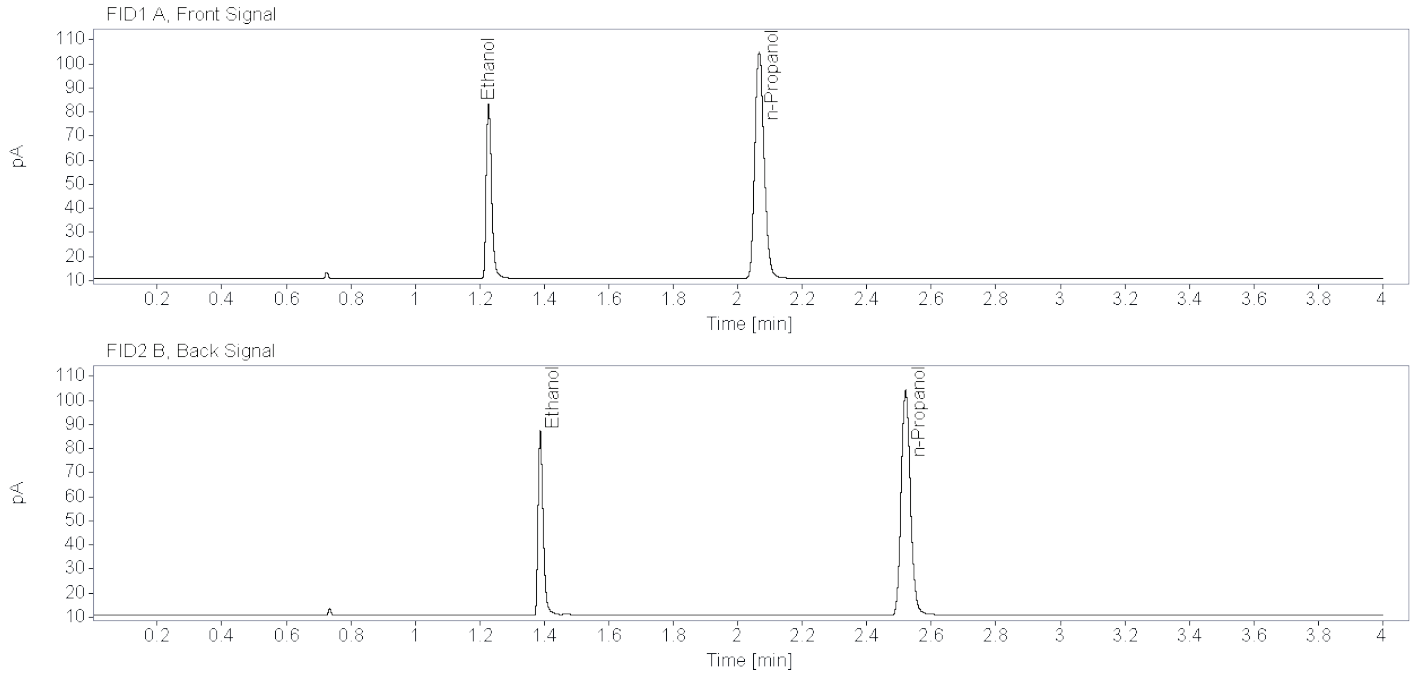
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79899	1.226	1.226	424.6222	0.4145
n-Propanol	0.82514	2.067	2.067	185.9115	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81180	1.386	1.386	421.0010	0.4137
n-Propanol	0.85076	2.520	2.520	184.3375	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-0462) **Description:** **Sample Barcode** 25-0462 **Vial Number:** 10
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 2:55:49 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\010F1001.D



Name FID1A

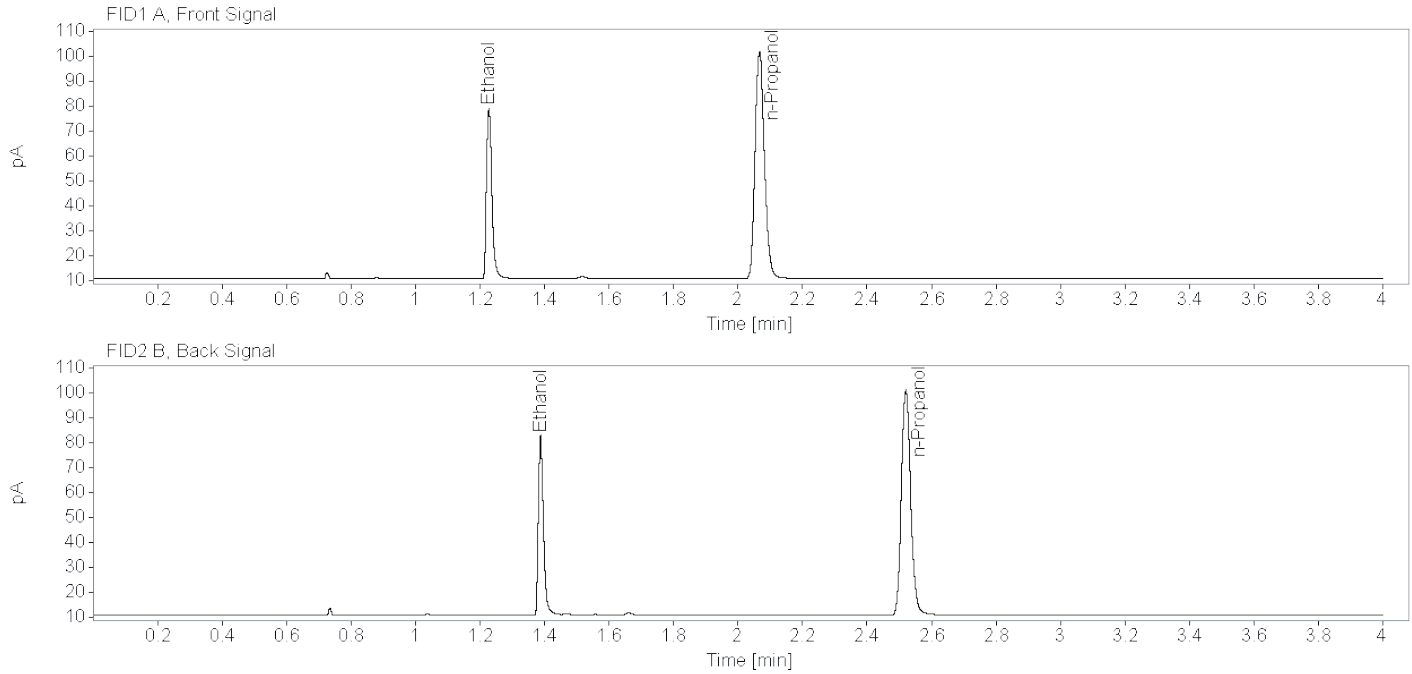
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72702	1.228	1.226	82.3492	0.0794
n-Propanol	0.81924	2.067	2.067	188.7671	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70836	1.388	1.386	81.7902	0.0797
n-Propanol	0.84453	2.520	2.520	187.1014	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0463) **Description:** **Sample Barcode** 25-0463 **Vial Number:** 11
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 3:01:30 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\011F1101.D



Name FID1A

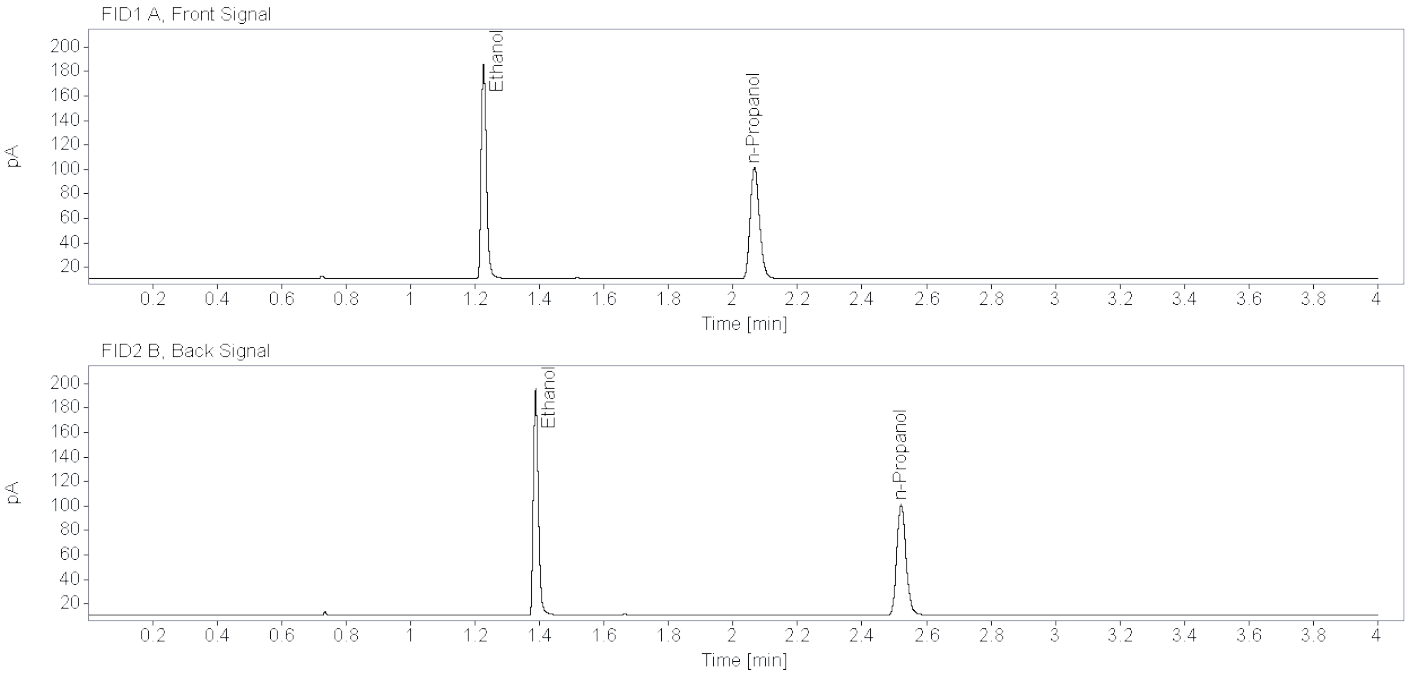
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71802	1.228	1.226	77.6569	0.0775
n-Propanol	0.82346	2.067	2.067	182.3867	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69392	1.388	1.386	77.1290	0.0777
n-Propanol	0.84525	2.520	2.520	180.8643	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-0474) **Description:** **Sample Barcode** 25-0474 **Vial Number:** 22
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 3:58:13 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\022F2201.D



Name FID1A

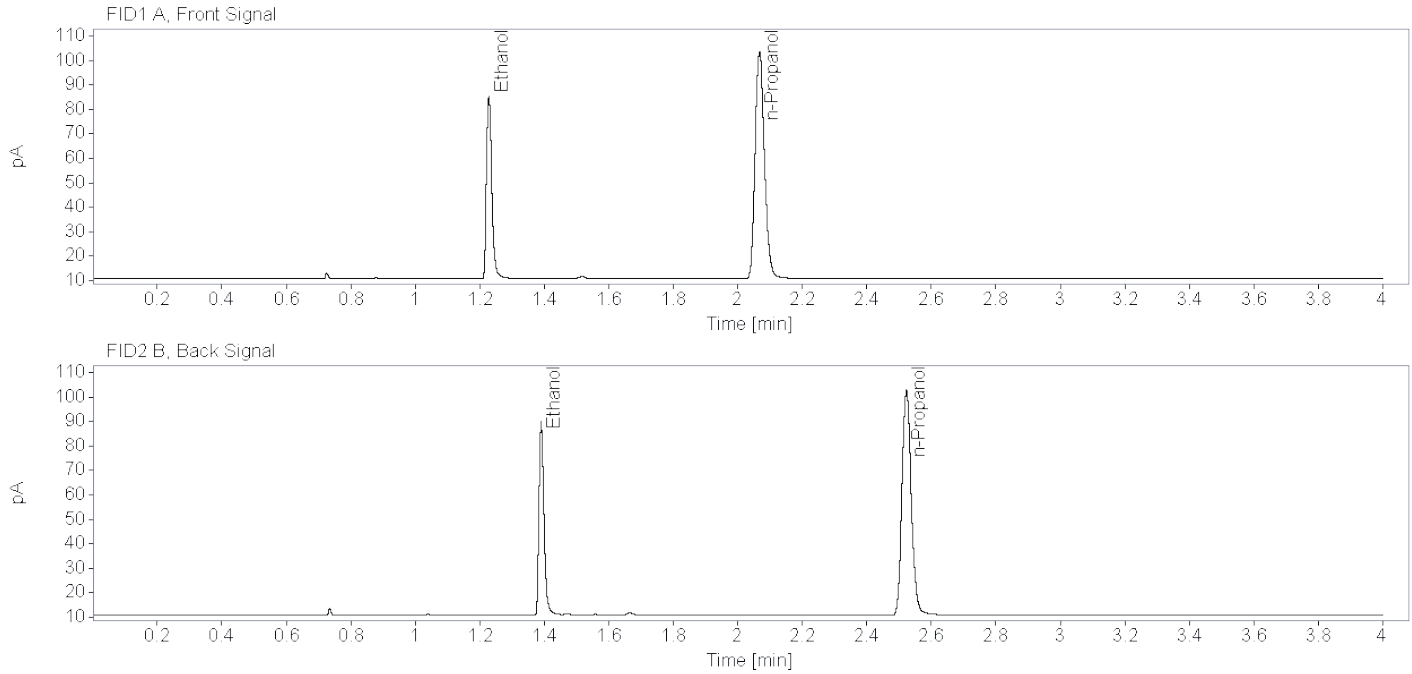
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76126	1.227	1.226	195.0621	0.1944
n-Propanol	0.82301	2.067	2.067	182.3103	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74997	1.388	1.386	194.1604	0.1949
n-Propanol	0.85167	2.521	2.520	180.7816	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0485) **Description:** **Sample Barcode** 25-0485 **Vial Number:** 33
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 4:56:37 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\033F3301.D



Name FID1A

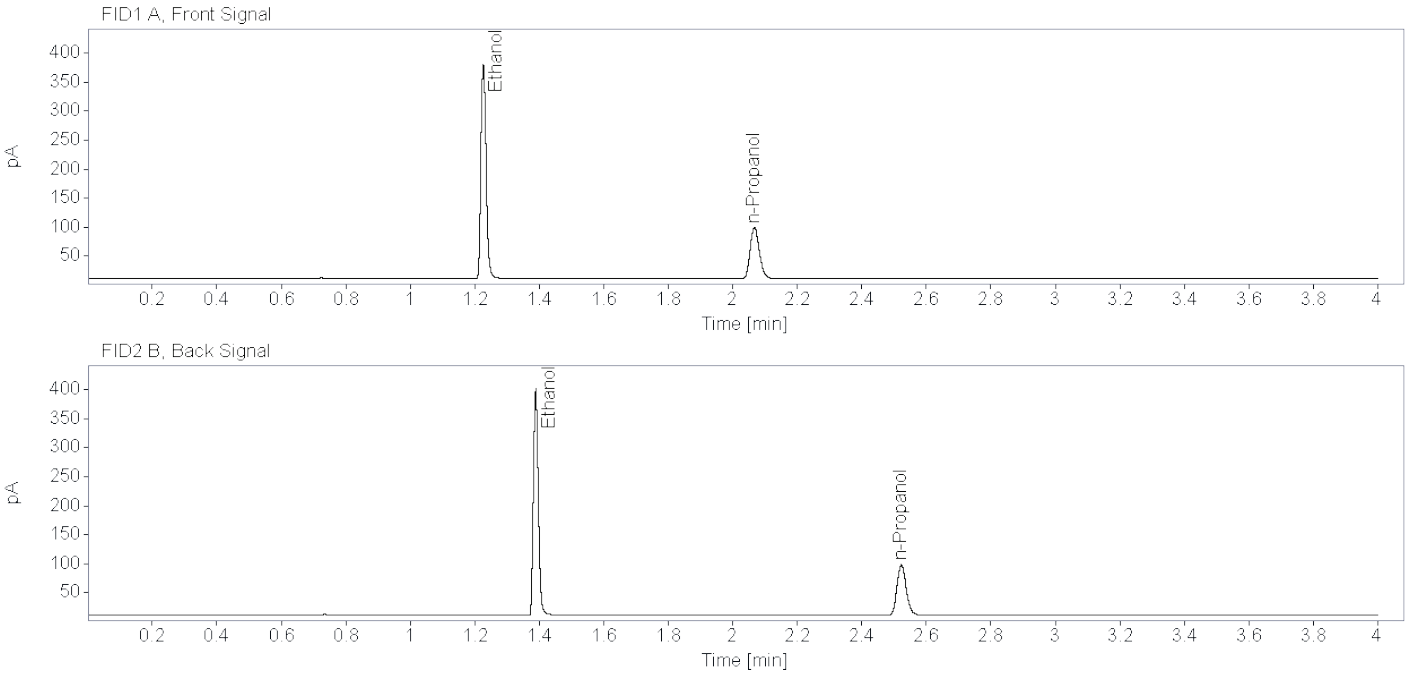
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72453	1.228	1.226	84.2468	0.0825
n-Propanol	0.81997	2.067	2.067	185.9095	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69569	1.390	1.386	83.8257	0.0828
n-Propanol	0.84069	2.523	2.520	184.4117	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-0486) **Description:** **Sample Barcode** 25-0486 **Vial Number:** 34
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 5:01:30 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\034F3401.D



Name FID1A

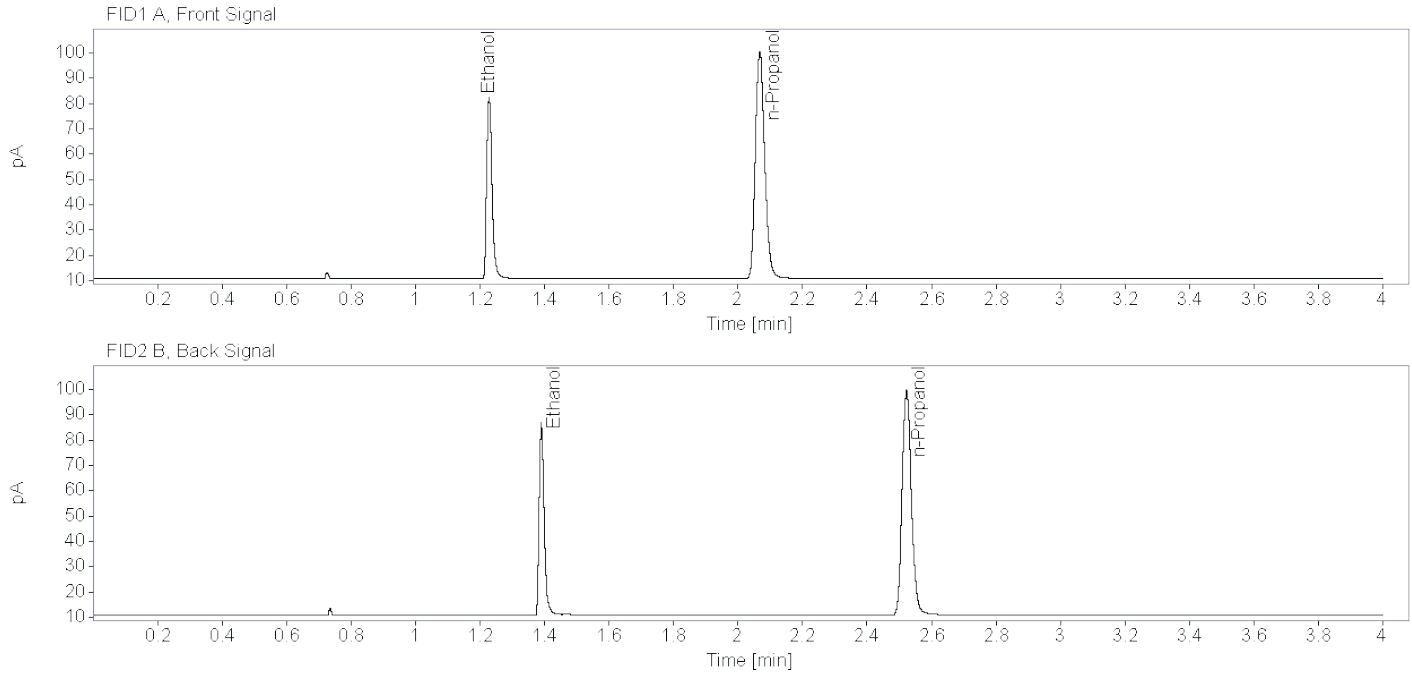
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79844	1.227	1.226	405.9337	0.4105
n-Propanol	0.81666	2.067	2.067	176.9891	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80633	1.389	1.386	404.2182	0.4116
n-Propanol	0.83303	2.523	2.520	175.1677	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-0487) **Description:** **Sample Barcode** 25-0487 **Vial Number:** 35
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 5:07:01 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\035F3501.D



Name FID1A

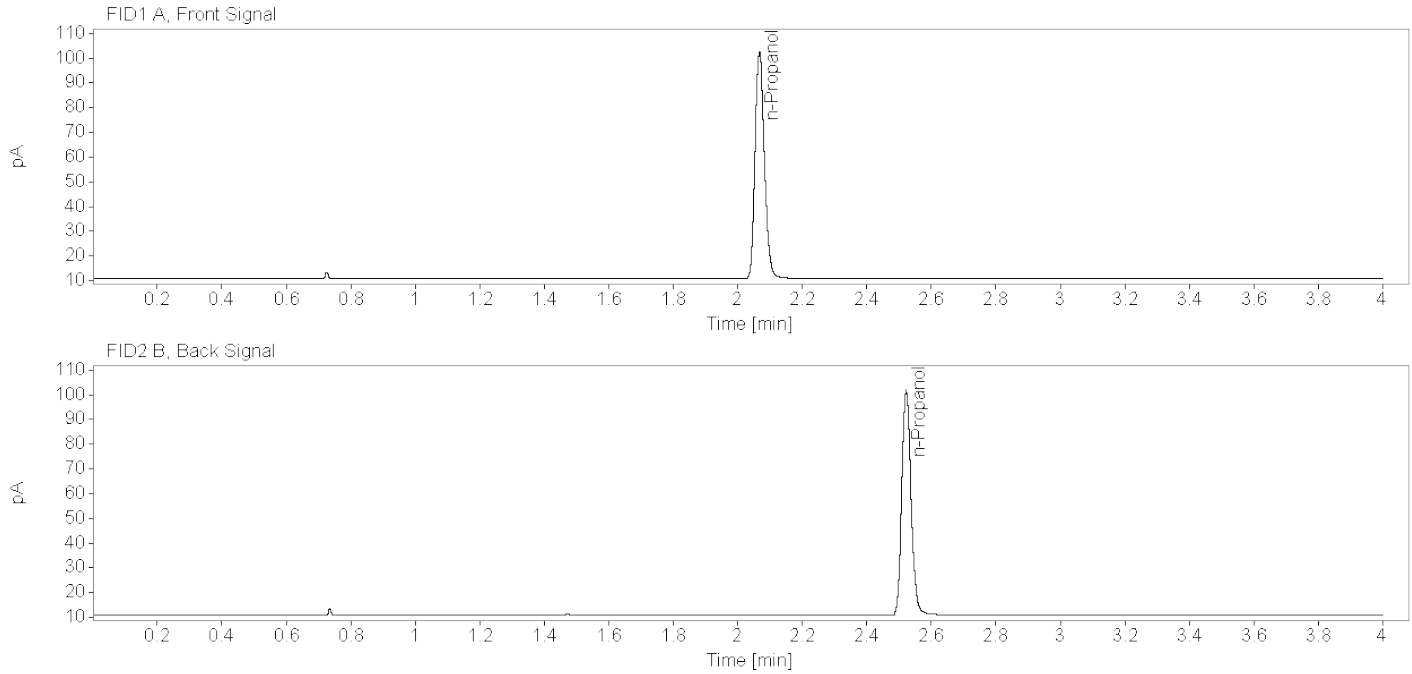
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72393	1.228	1.226	81.3546	0.0826
n-Propanol	0.82709	2.067	2.067	179.2852	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70960	1.390	1.386	80.6825	0.0827
n-Propanol	0.83144	2.522	2.520	177.6898	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (25-0488) **Description:** **Sample Barcode** 25-0488 **Vial Number:** 36
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 5:11:52 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81776	2.067	2.067	183.7708	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84885	2.522	2.520	182.1249	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0385 001_001

Batch Name: BAC_20250319_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1224	Aliquot 1:	0.1222
	Aliquot 2:	0.1267	Aliquot 2:	0.1268

Reported Result: **0.124** **g/100 mL**

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

Comments: Previously analyzed in BAC_20250310_MH -- 3/21/2025 mh

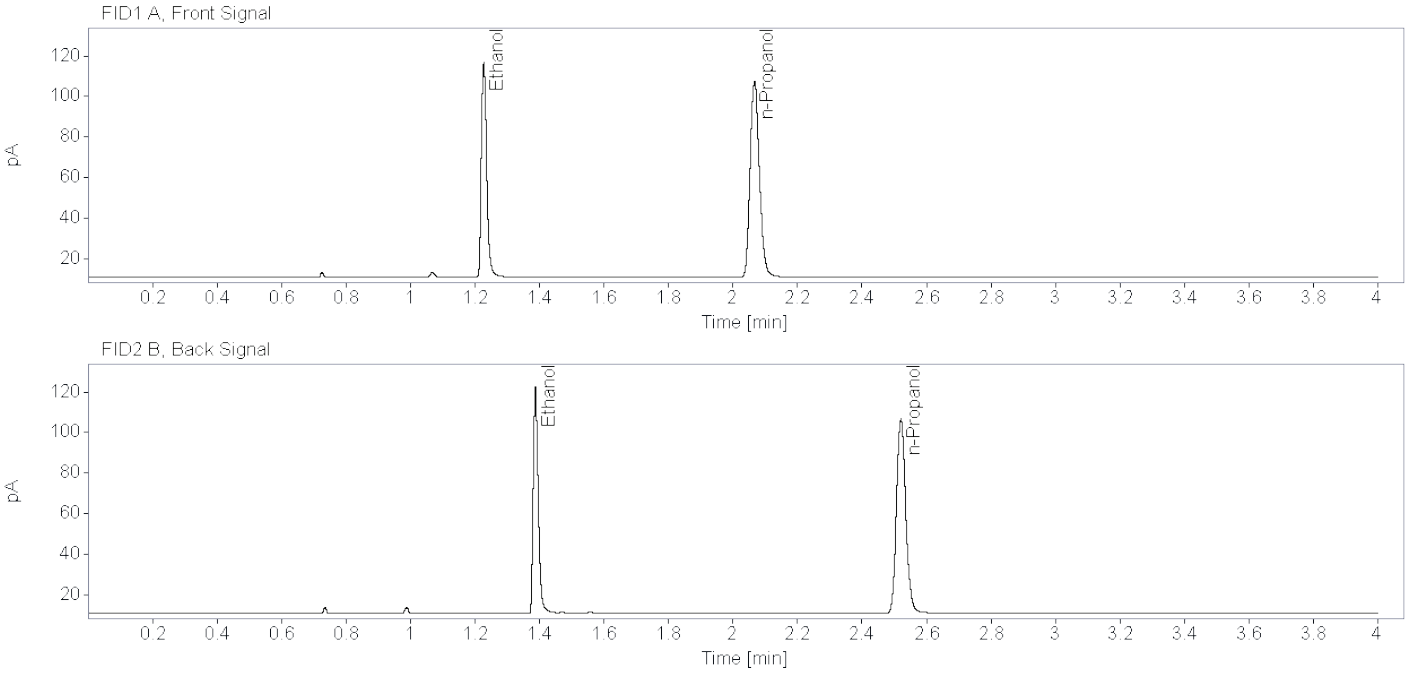
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0385 001_001 (25-0464) **Description:** Alq 1 **Sample Barcode** 25-0464 **Vial Number:** 12

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 3:06:13 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\012F1201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73043	1.227	1.226	129.7836	0.1224
n-Propanol	0.82767	2.067	2.067	193.5316	0.0100

Name FID2B

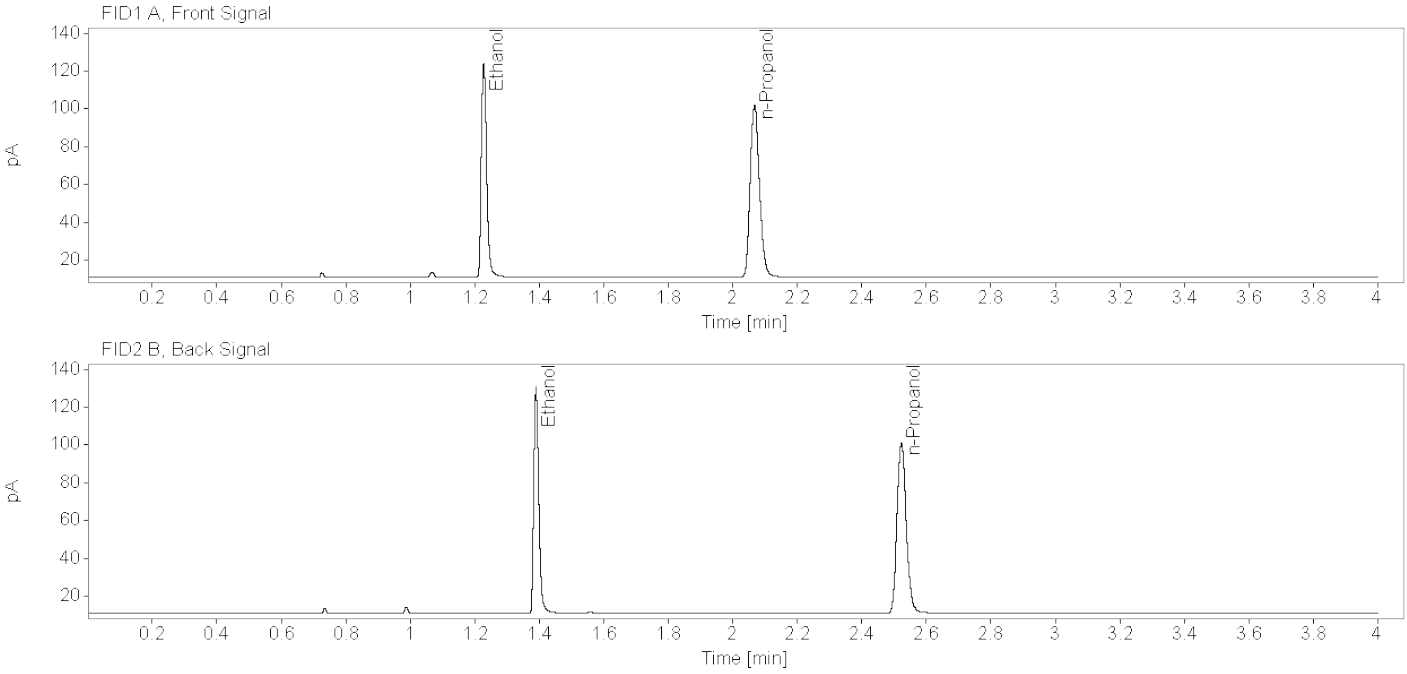
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71512	1.388	1.386	128.4966	0.1222
n-Propanol	0.85123	2.520	2.520	191.9415	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0385 001_001 (25-0484) **Description:** Alq 2 **Sample Barcode** 25-0484 **Vial Number:** 32

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 4:51:05 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73478	1.228	1.226	127.2874	0.1267
n-Propanol	0.82306	2.068	2.067	182.6916	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71434	1.390	1.386	126.4796	0.1268
n-Propanol	0.83330	2.523	2.520	181.2322	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0397 001_001

Batch Name: BAC_20250319_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2933	Aliquot 1:	0.2936
	Aliquot 2:	0.2929	Aliquot 2:	0.2940

Reported Result: 0.293 g/100 mL

Reported UM: 0.047 g/100 mL

Comments: Previously analyzed in BAC_20250310_MH -- 3/21/2025 mh

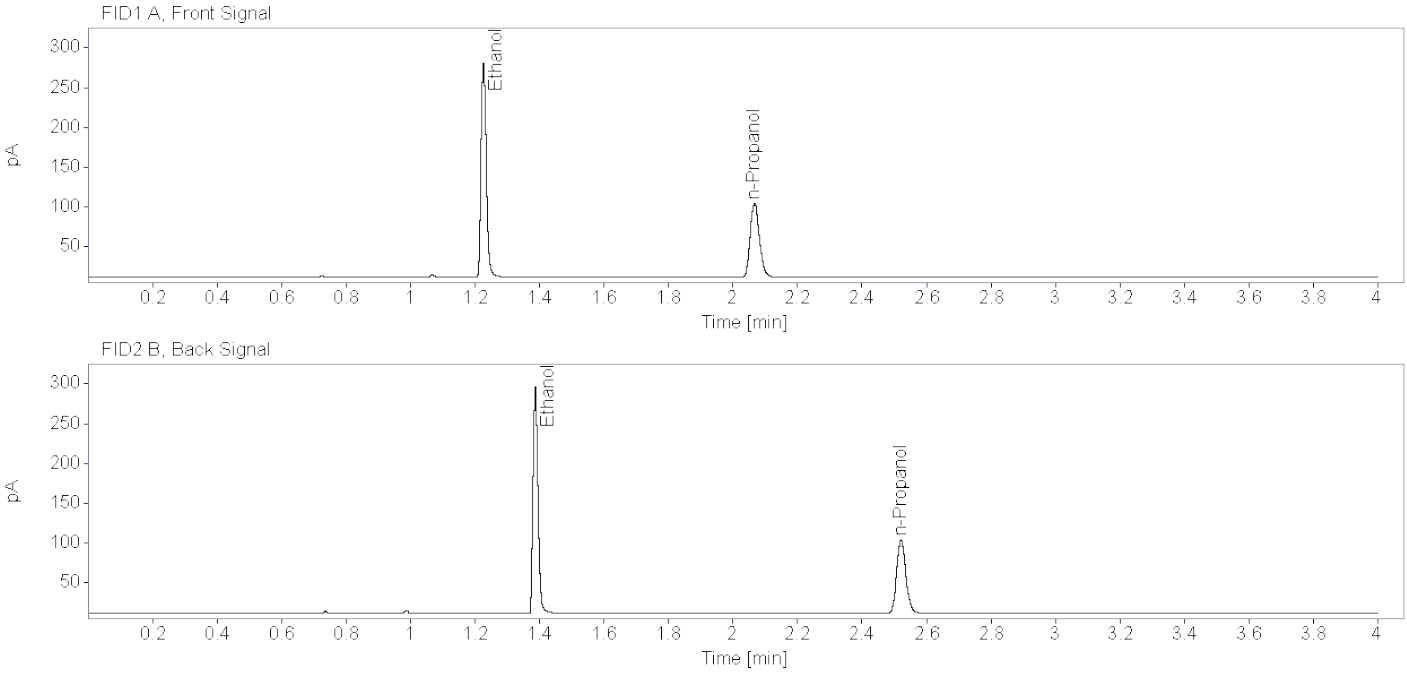
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0397 001_001 (25-0465) **Description:** Alq 1 **Sample Barcode** 25-0465 **Vial Number:** 13

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 3:11:55 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\013F1301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77415	1.226	1.226	301.5330	0.2933
n-Propanol	0.82875	2.067	2.067	186.6534	0.0100

Name FID2B

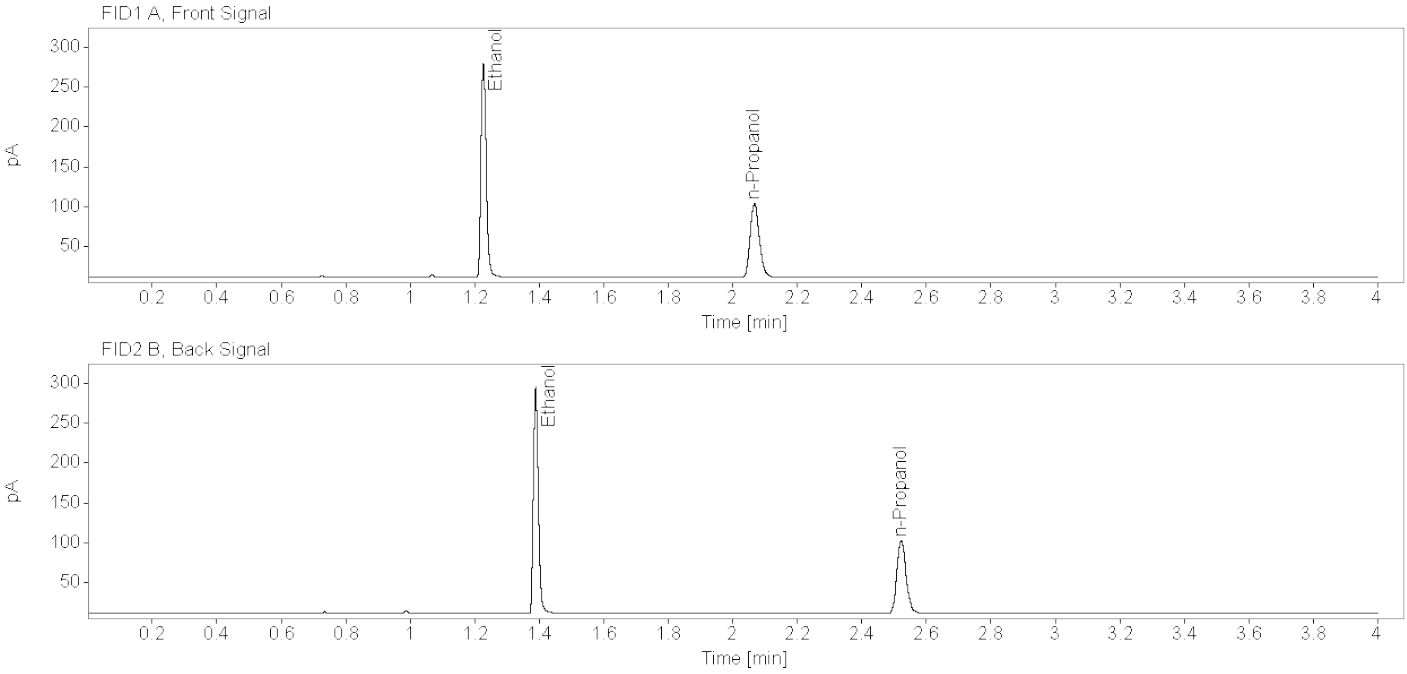
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79088	1.387	1.386	299.7367	0.2936
n-Propanol	0.85061	2.521	2.520	185.0473	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0397 001_001 (25-0483) **Description:** Alq 2 **Sample Barcode** 25-0483 **Vial Number:** 31

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 4:46:13 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77214	1.227	1.226	299.4103	0.2929
n-Propanol	0.82109	2.067	2.067	185.5551	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77949	1.389	1.386	298.1728	0.2940
n-Propanol	0.83372	2.522	2.520	183.7818	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0399 001_001

Batch Name: BAC_20250319_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2167	Aliquot 1:	0.2170
	Aliquot 2:	0.2085	Aliquot 2:	0.2089

Reported Result: **0.212** **g/100 mL**

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

Comments: Previously analyzed in BAC_20250310_MH -- 3/21/2025 mh

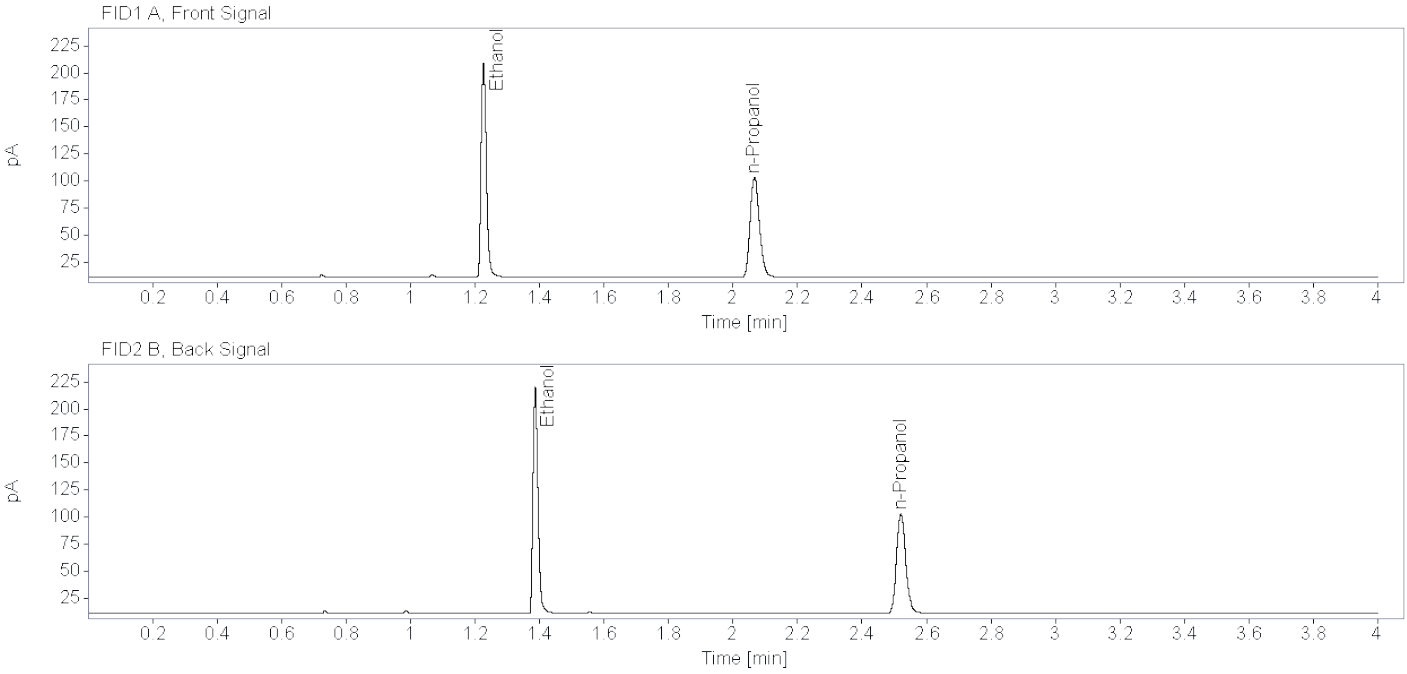
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0399 001_001 (25-0466) **Description:** Alq 1 **Sample Barcode** 25-0466 **Vial Number:** 14

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 3:16:37 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76011	1.226	1.226	221.9331	0.2167
n-Propanol	0.82339	2.067	2.067	186.0426	0.0100

Name FID2B

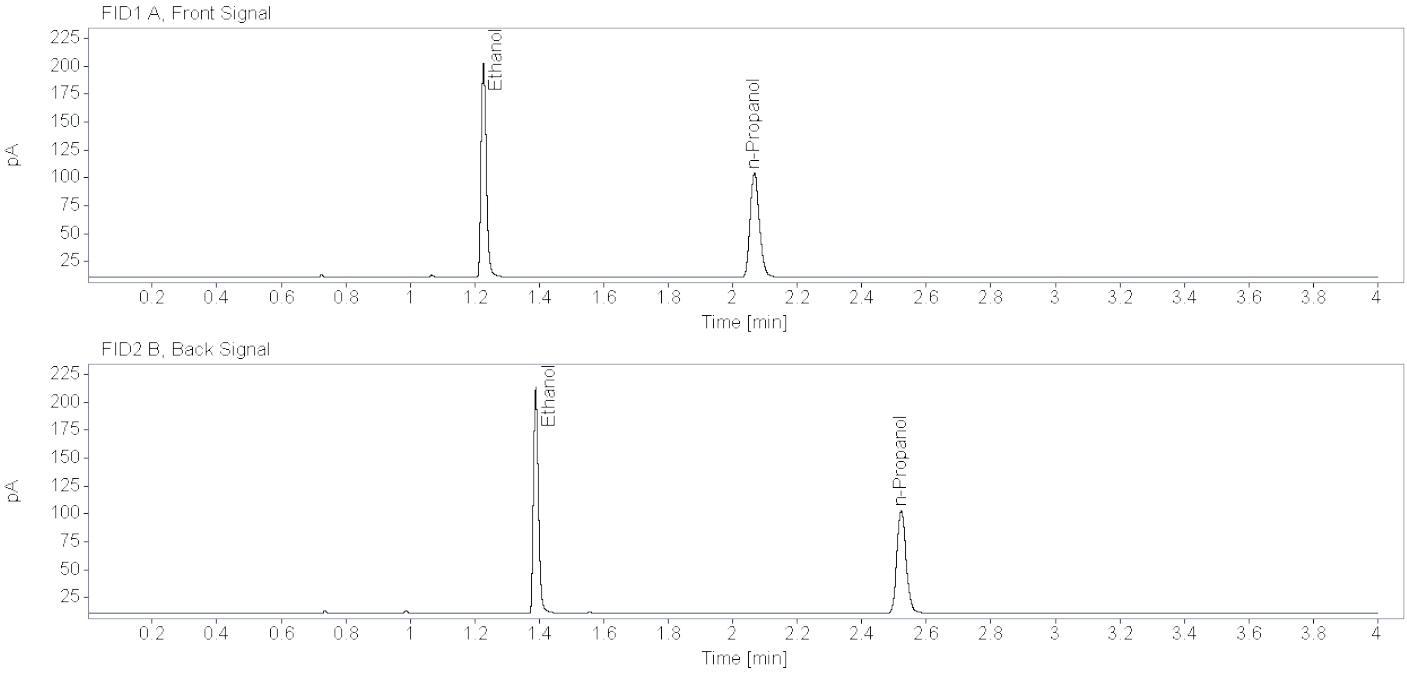
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76384	1.387	1.386	220.7669	0.2170
n-Propanol	0.84455	2.520	2.520	184.5566	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0399 001_001 (25-0482) **Description:** Alq 2 **Sample Barcode** 25-0482 **Vial Number:** 30

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 4:39:49 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\030F3001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75813	1.227	1.226	214.0167	0.2085
n-Propanol	0.82034	2.067	2.067	186.4449	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75582	1.389	1.386	213.1606	0.2089
n-Propanol	0.84371	2.522	2.520	185.1174	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0400 001_001

Batch Name: BAC_20250319_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2022	Aliquot 1:	0.2026
	Aliquot 2:	0.2163	Aliquot 2:	0.2166

Reported Result: 0.209 g/100 mL

Reported UM: 0.034 g/100 mL

Comments: Previously analyzed in BAC_20250310_MH -- 3/21/2025 mh

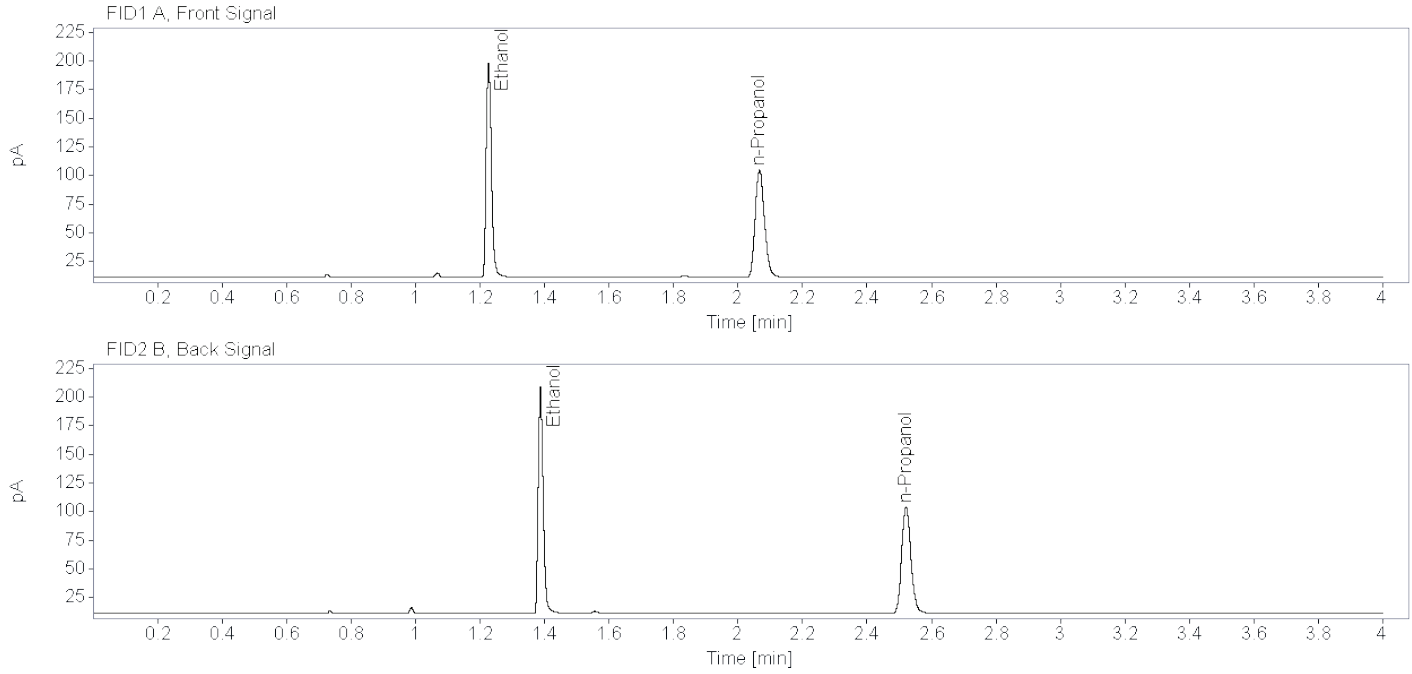
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0400 001_001 (25-0467) **Description:** Alq 1 **Sample Barcode** 25-0467 **Vial Number:** 15

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 3:22:18 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\015F1501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76435	1.227	1.226	209.5436	0.2022
n-Propanol	0.82708	2.067	2.067	188.2307	0.0100

Name FID2B

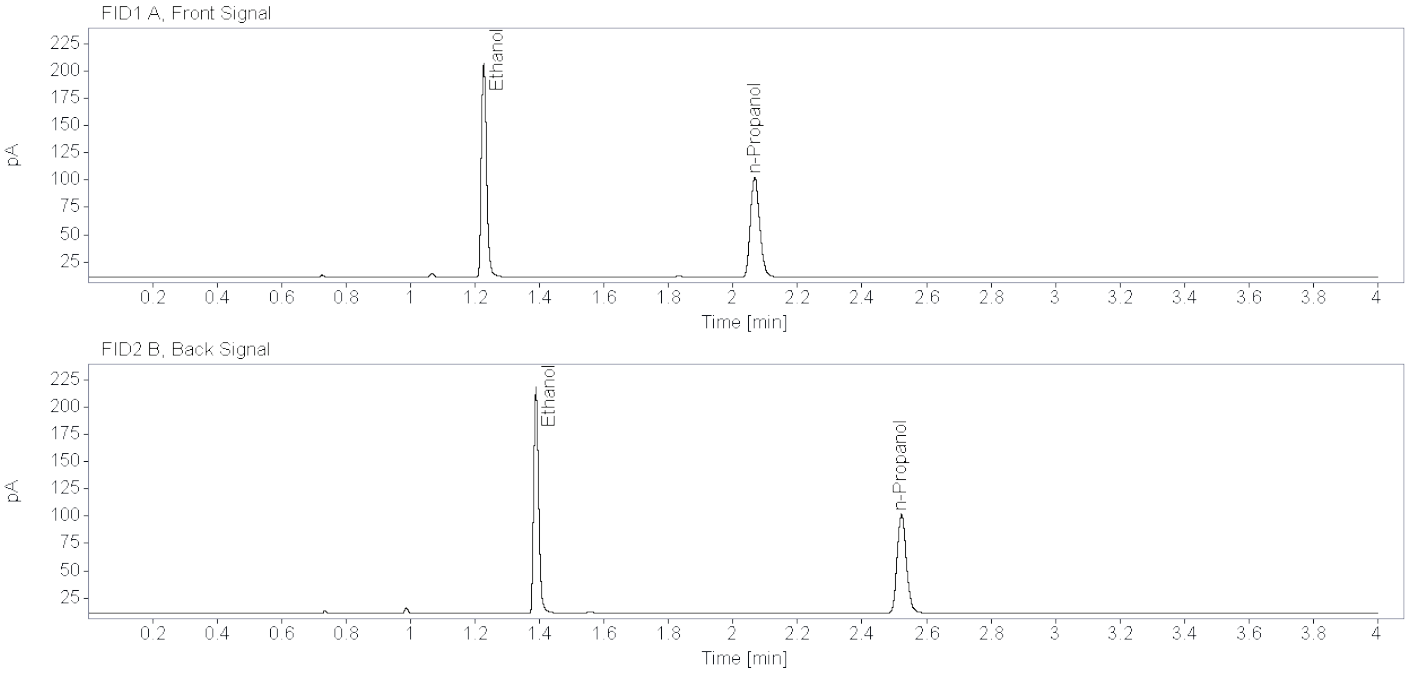
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75086	1.388	1.386	208.1327	0.2026
n-Propanol	0.84944	2.521	2.520	186.4062	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0400 001_001 (25-0481) **Description:** Alq 2 **Sample Barcode** 25-0481 **Vial Number:** 29

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 4:35:06 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\029F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75616	1.227	1.226	218.8488	0.2163
n-Propanol	0.82865	2.067	2.067	183.7524	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74757	1.389	1.386	217.1911	0.2166
n-Propanol	0.83643	2.522	2.520	181.9042	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0412 001_001

Batch Name: BAC_20250319_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1538	Aliquot 1:	0.1540
	Aliquot 2:	0.1491	Aliquot 2:	0.1499

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

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

Comments: Previously analyzed in BAC_20250310_MH -- 3/21/2025 mh

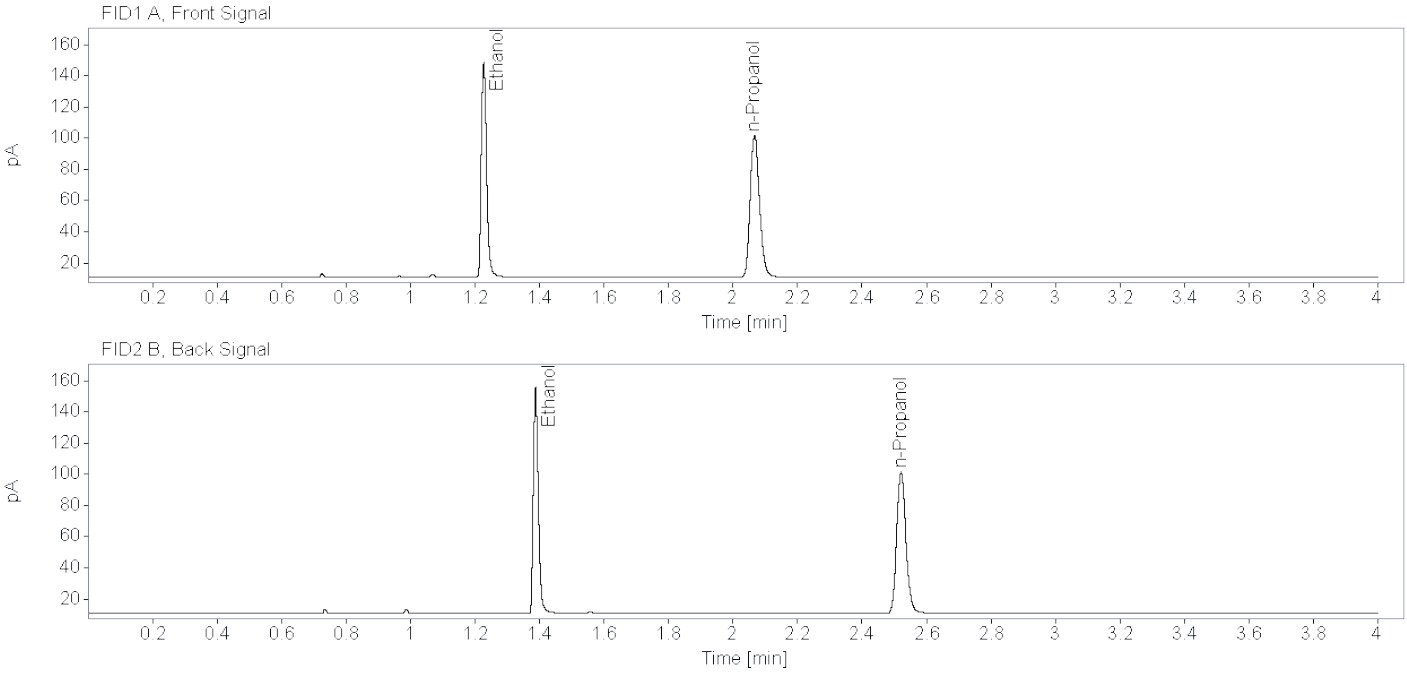
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0412 001_001 (25-0468) **Description:** Alq 1 **Sample Barcode** 25-0468 **Vial Number:** 16

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 3:27:01 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75551	1.227	1.226	154.3895	0.1538
n-Propanol	0.82632	2.067	2.067	182.3908	0.0100

Name FID2B

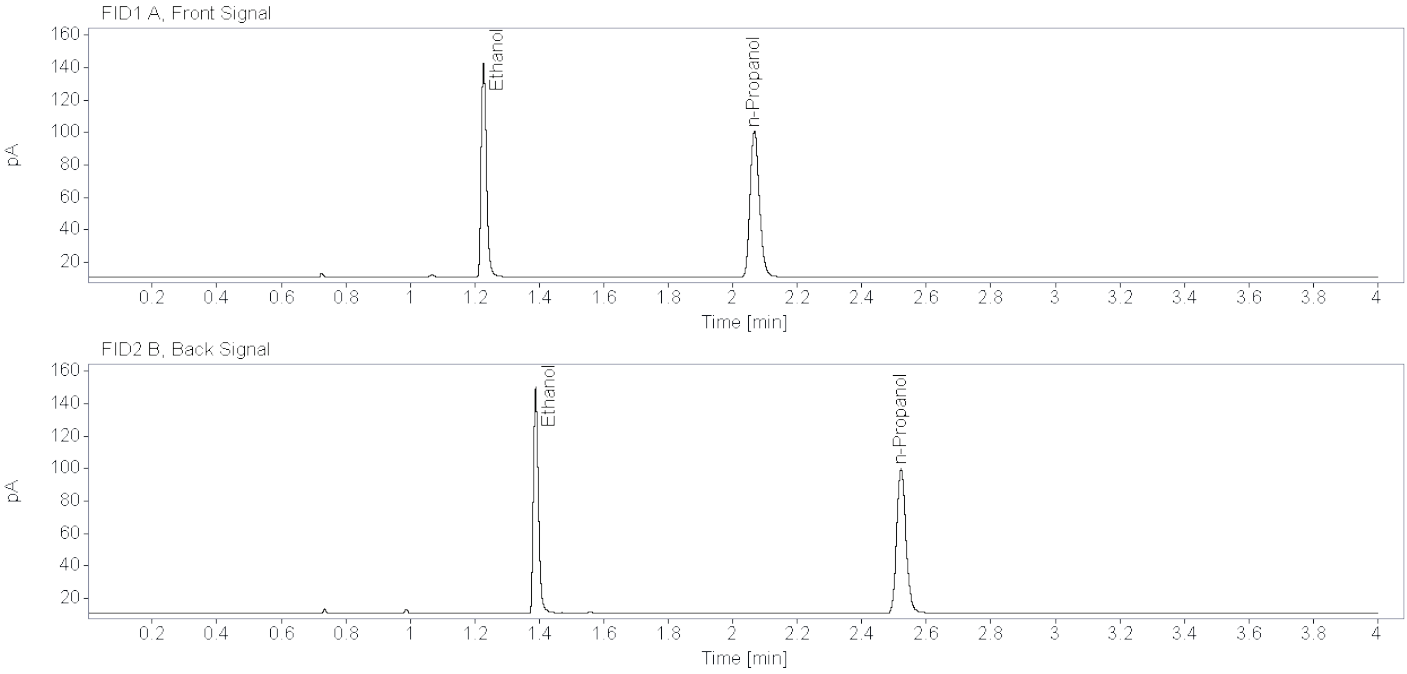
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73204	1.388	1.386	153.4144	0.1540
n-Propanol	0.85041	2.521	2.520	180.9480	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0412 001_001 (25-0480) **Description:** Alq 2 **Sample Barcode** 25-0480 **Vial Number:** 28

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 4:29:25 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74720	1.227	1.226	148.0054	0.1491
n-Propanol	0.81745	2.067	2.067	180.3556	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73240	1.389	1.386	147.5620	0.1499
n-Propanol	0.84539	2.522	2.520	178.8139	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0413 001_001

Batch Name: BAC_20250319_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1856	Aliquot 1:	0.1859
	Aliquot 2:	0.1882	Aliquot 2:	0.1888

Reported Result: 0.187 g/100 mL

Reported UM: 0.030 g/100 mL

Comments: Previously analyzed in BAC_20250310_MH -- 3/21/2025 mh

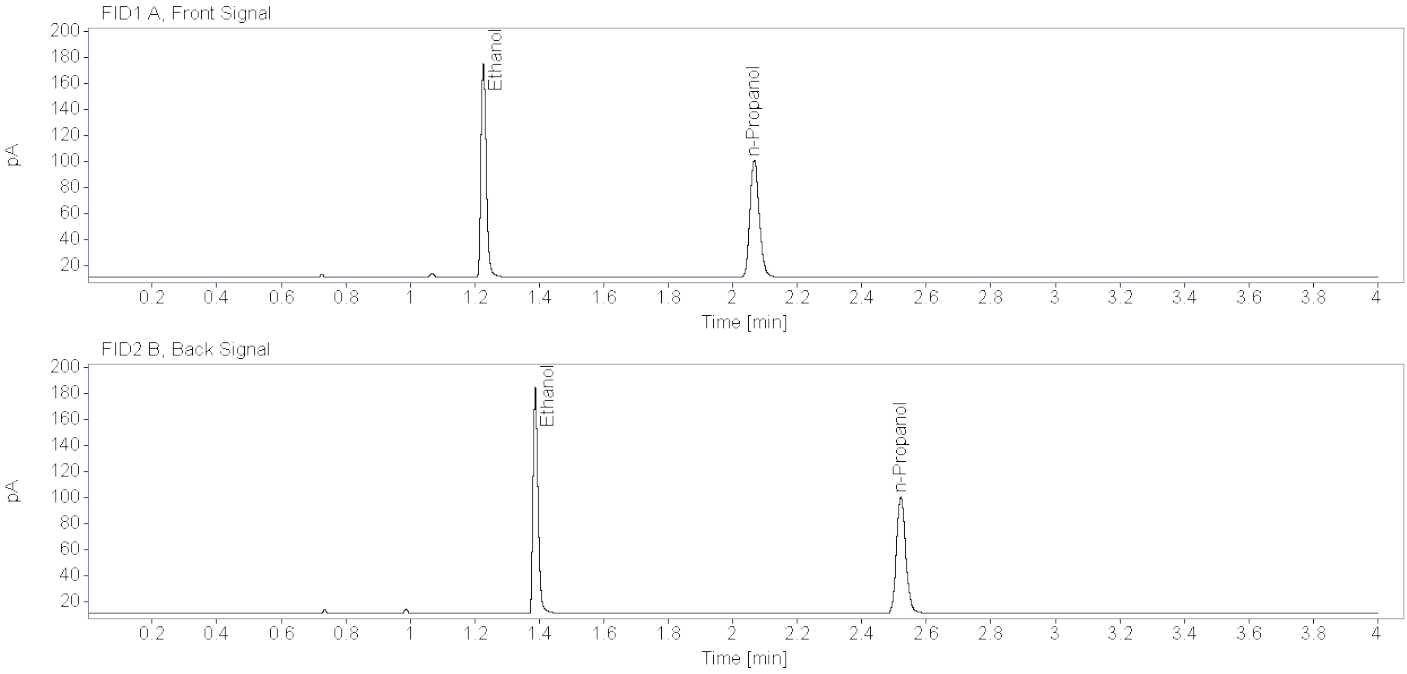
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0413 001_001 (25-0469) **Description:** Alq 1 **Sample Barcode** 25-0469 **Vial Number:** 17

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 3:32:42 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\017F1701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74821	1.227	1.226	184.5857	0.1856
n-Propanol	0.81786	2.067	2.067	180.6627	0.0100

Name FID2B

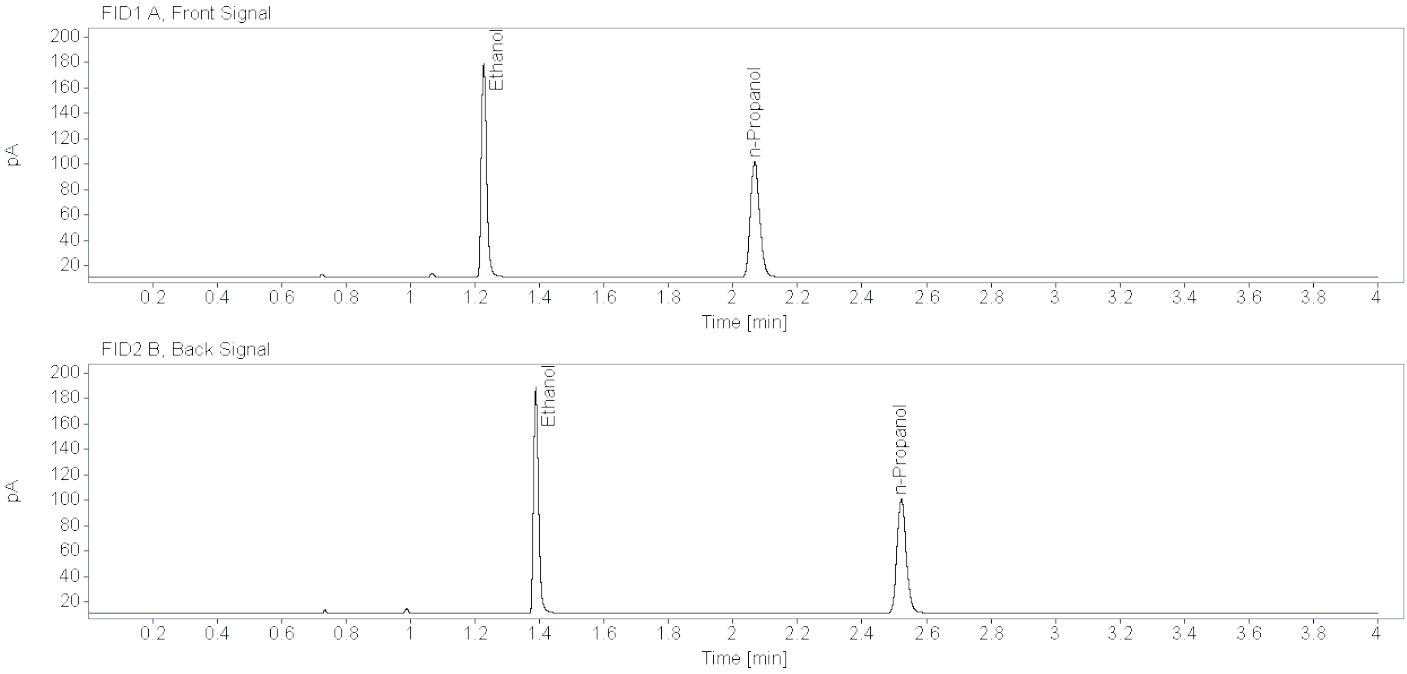
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75344	1.388	1.386	183.5851	0.1859
n-Propanol	0.84575	2.521	2.520	179.1765	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0413 001_001 (25-0479) **Description:** Alq 2 **Sample Barcode** 25-0479 **Vial Number:** 27

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 4:24:42 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\027F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75070	1.227	1.226	188.4931	0.1882
n-Propanol	0.82459	2.067	2.067	181.9641	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74608	1.389	1.386	187.9291	0.1888
n-Propanol	0.83304	2.522	2.520	180.5712	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0414 001_001

Batch Name: BAC_20250319_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2832	Aliquot 1:	0.2832
	Aliquot 2:	0.2644	Aliquot 2:	0.2647

Reported Result: 0.273 g/100 mL

Reported UM: 0.044 g/100 mL

Comments:

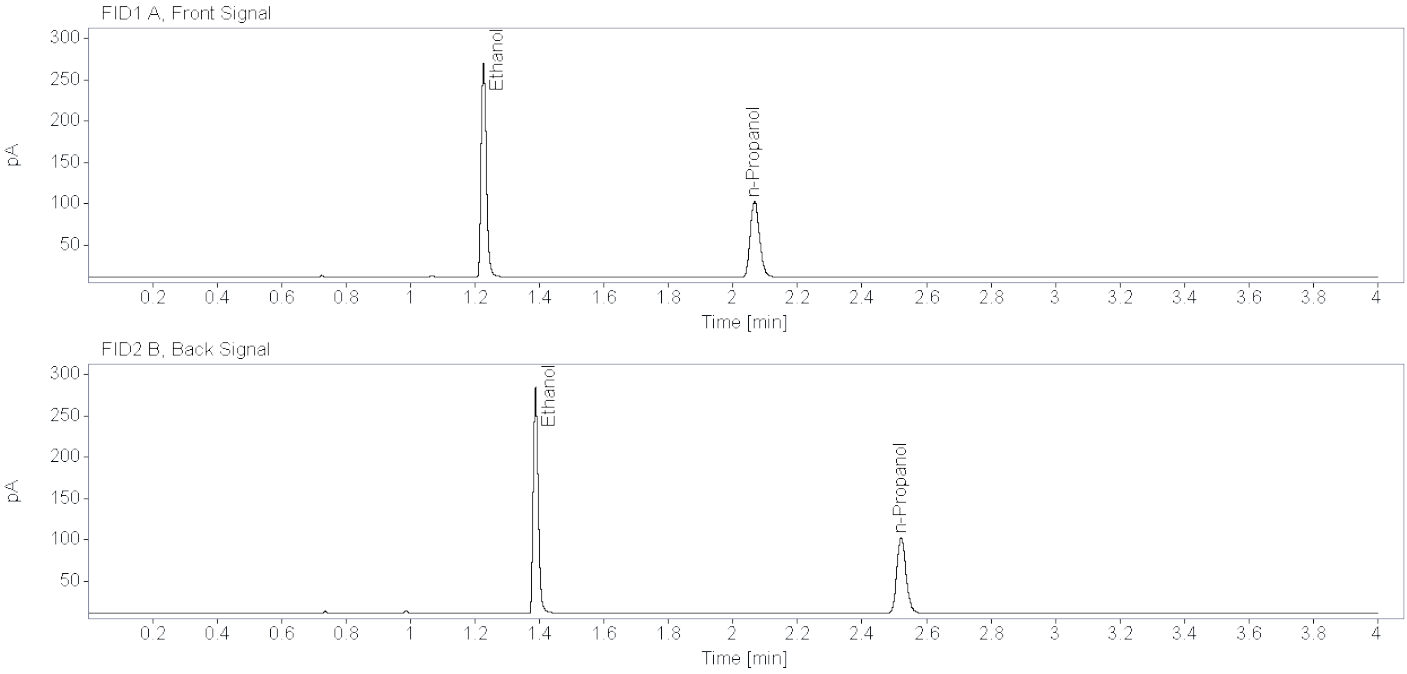
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0414 001_001 (25-0470) **Description:** Alq 1 **Sample Barcode** 25-0470 **Vial Number:** 18

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 3:37:25 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77574	1.226	1.226	288.4067	0.2832
n-Propanol	0.82345	2.067	2.067	184.9101	0.0100

Name FID2B

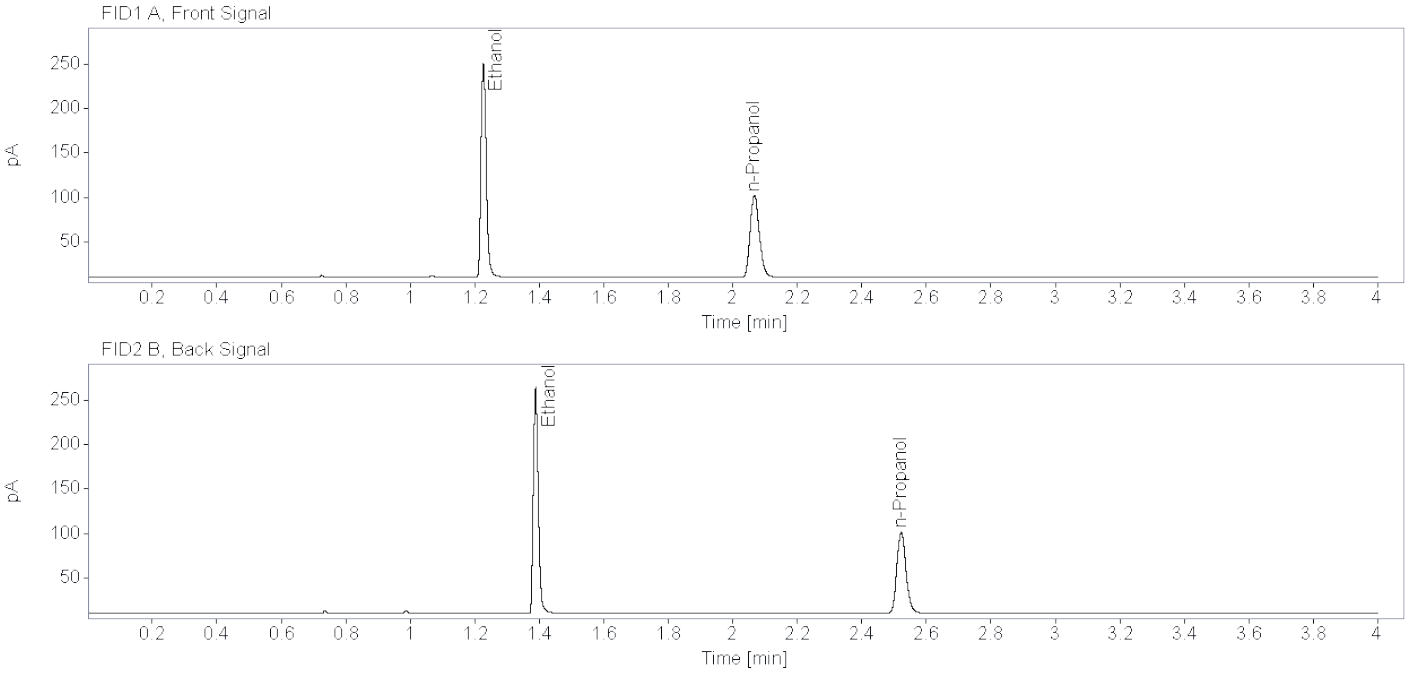
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77473	1.388	1.386	286.7092	0.2832
n-Propanol	0.85385	2.521	2.520	183.4946	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0414 001_001 (25-0478) **Description:** Alq 2 **Sample Barcode** 25-0478 **Vial Number:** 26

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 4:19:01 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\026F2601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76697	1.227	1.226	266.7314	0.2644
n-Propanol	0.82172	2.067	2.067	183.1565	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77078	1.389	1.386	265.3751	0.2647
n-Propanol	0.85266	2.522	2.520	181.7276	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0415 001_001

Batch Name: BAC_20250319_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1807	Aliquot 1:	0.1809
	Aliquot 2:	0.1857	Aliquot 2:	0.1857

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

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

Comments: Previously analyzed in BAC_20250310_MH -- 3/21/2025 mh

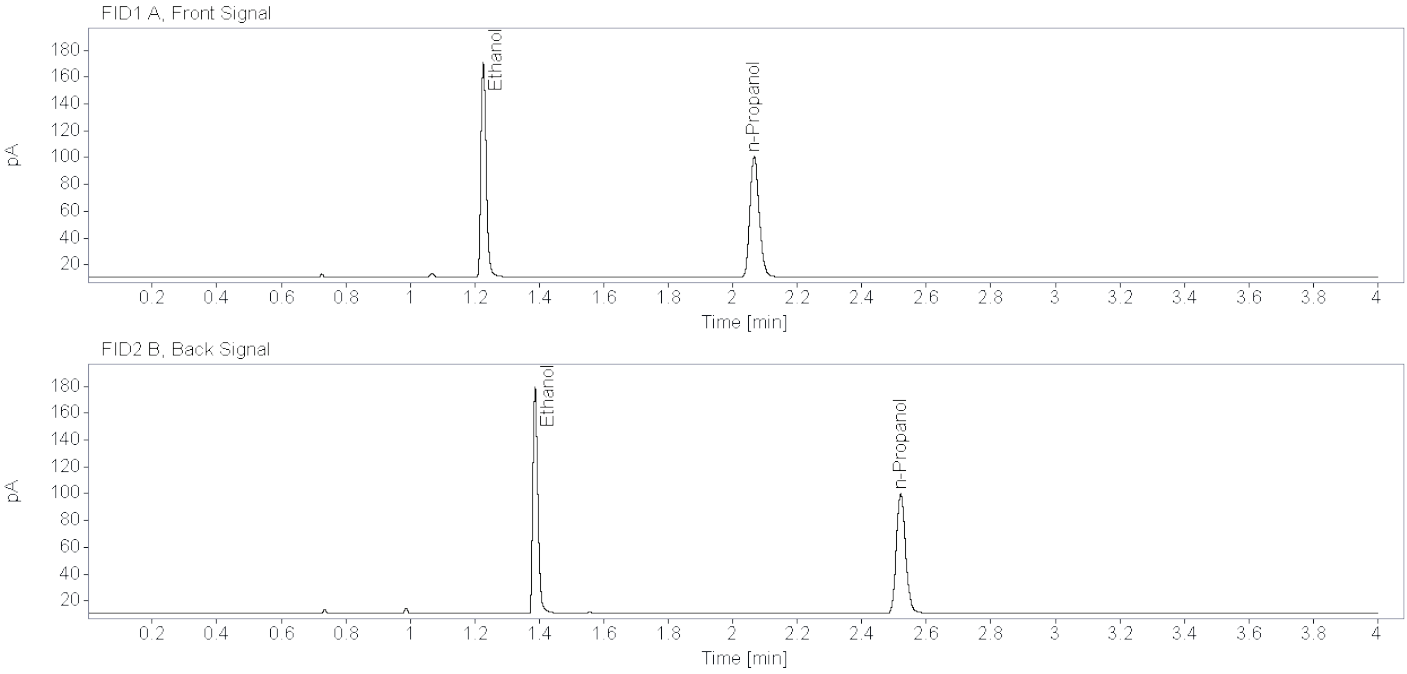
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0415 001_001 (25-0471) **Description:** Alq 1 **Sample Barcode** 25-0471 **Vial Number:** 19

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 3:43:06 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74410	1.227	1.226	179.4837	0.1807
n-Propanol	0.81617	2.067	2.067	180.4750	0.0100

Name FID2B

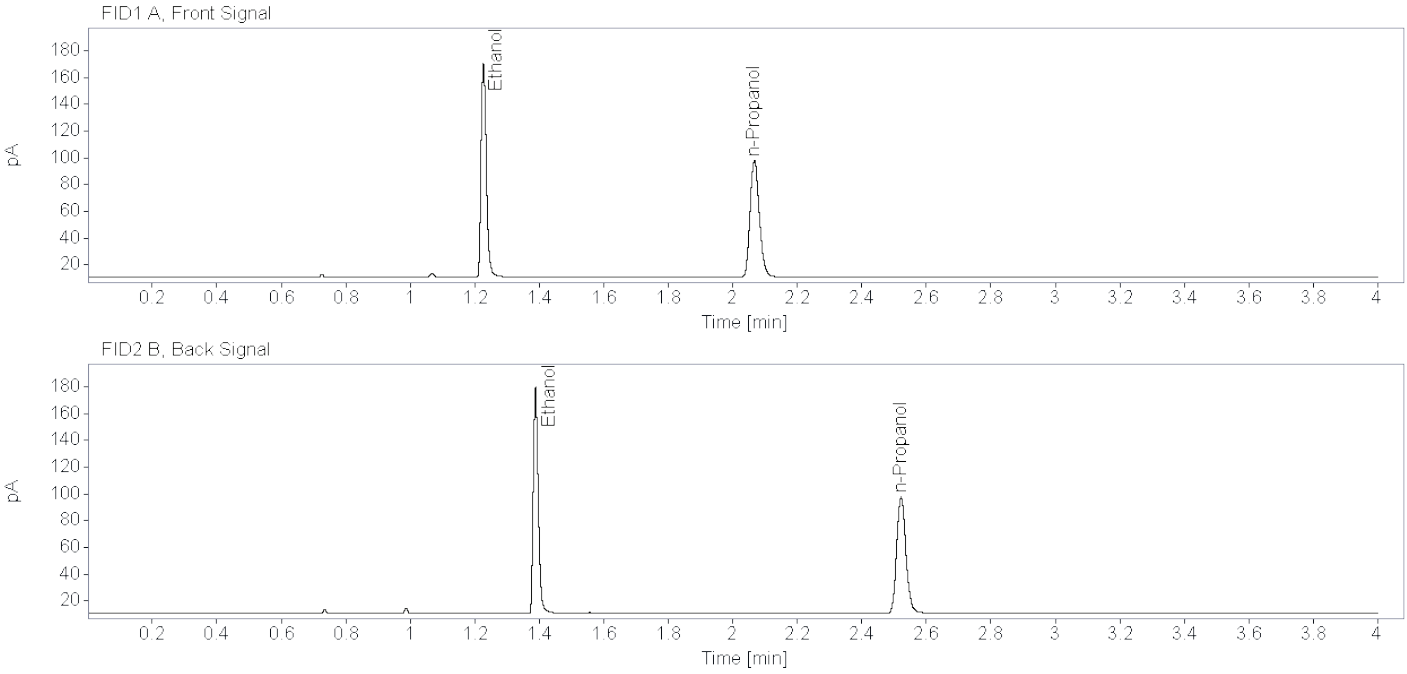
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73789	1.387	1.386	178.4245	0.1809
n-Propanol	0.83974	2.521	2.520	178.9864	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0415 001_001 (25-0477) **Description:** Alq 2 **Sample Barcode** 25-0477 **Vial Number:** 25

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 4:14:18 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74869	1.227	1.226	179.2162	0.1857
n-Propanol	0.81931	2.067	2.067	175.3562	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74193	1.389	1.386	177.9556	0.1857
n-Propanol	0.84695	2.522	2.520	173.8914	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0417 001_001

Batch Name: BAC_20250319_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1943	Aliquot 1:	0.1948
	Aliquot 2:	0.1980	Aliquot 2:	0.1985

Reported Result: **0.196** **g/100 mL**

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

Comments: Previously analyzed in BAC_20250310_MH -- 3/21/2025 mh

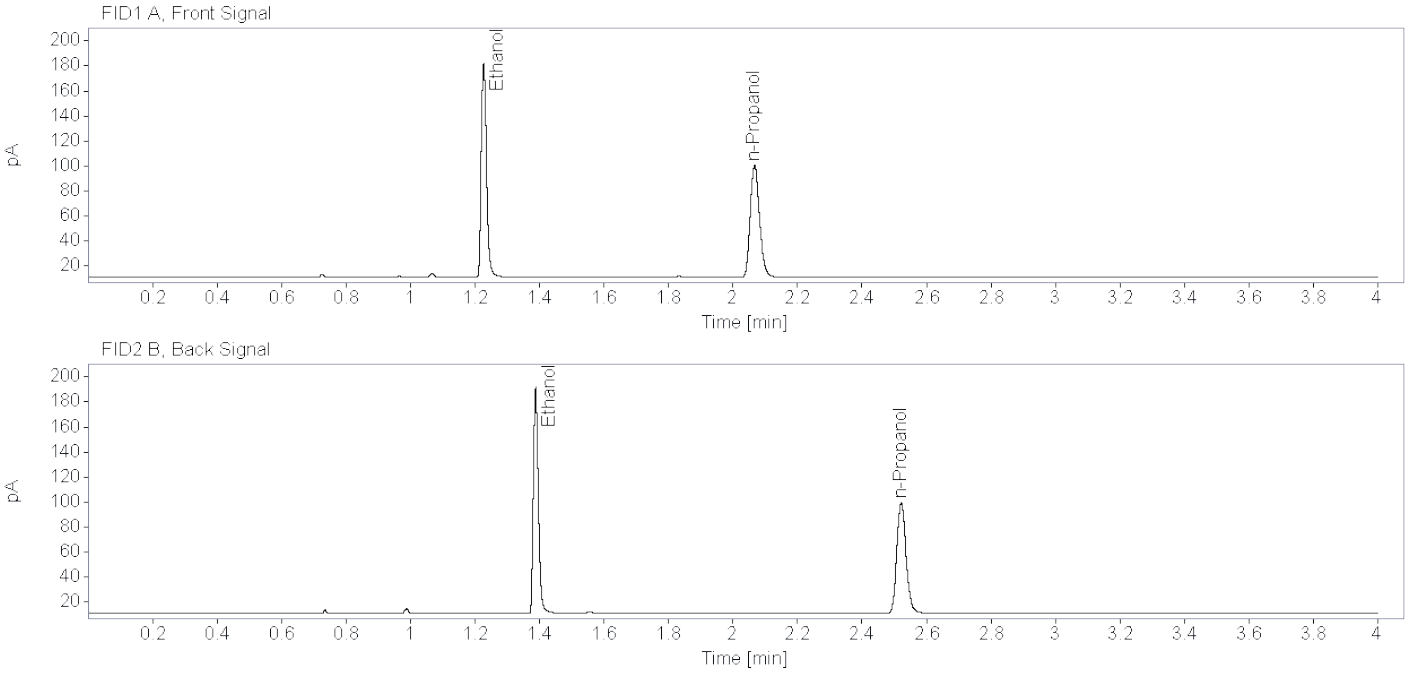
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0417 001_001 (25-0472) **Description:** Alq 1 **Sample Barcode** 25-0472 **Vial Number:** 20

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 3:47:49 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\020F2001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76397	1.227	1.226	191.9126	0.1943
n-Propanol	0.82419	2.067	2.067	179.4625	0.0100

Name FID2B

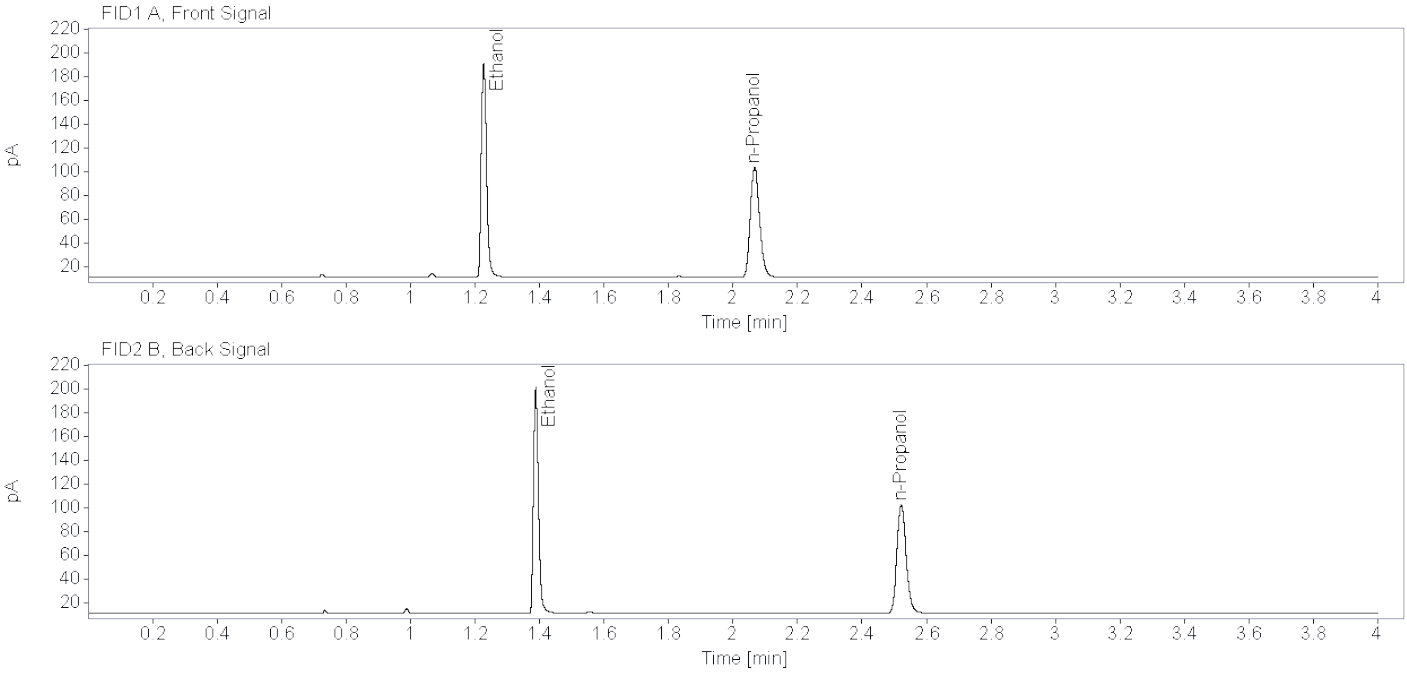
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74531	1.388	1.386	191.2880	0.1948
n-Propanol	0.85306	2.521	2.520	178.1963	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0417 001_001 (25-0476) **Description:** Alq 2 **Sample Barcode** 25-0476 **Vial Number:** 24

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 4:08:37 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76859	1.227	1.226	201.4467	0.1980
n-Propanol	0.82521	2.067	2.067	184.7970	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74882	1.388	1.386	200.8383	0.1985
n-Propanol	0.83364	2.522	2.520	183.5293	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0418 001_001

Batch Name: BAC_20250319_MH

Instrument: BAC-1

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0953	Aliquot 1:	0.0958
	Aliquot 2:	0.0940	Aliquot 2:	0.0941

Reported Result: **0.094** **g/100 mL**

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

Comments: Previously analyzed in BAC_20250310_MH -- 3/21/2025 mh

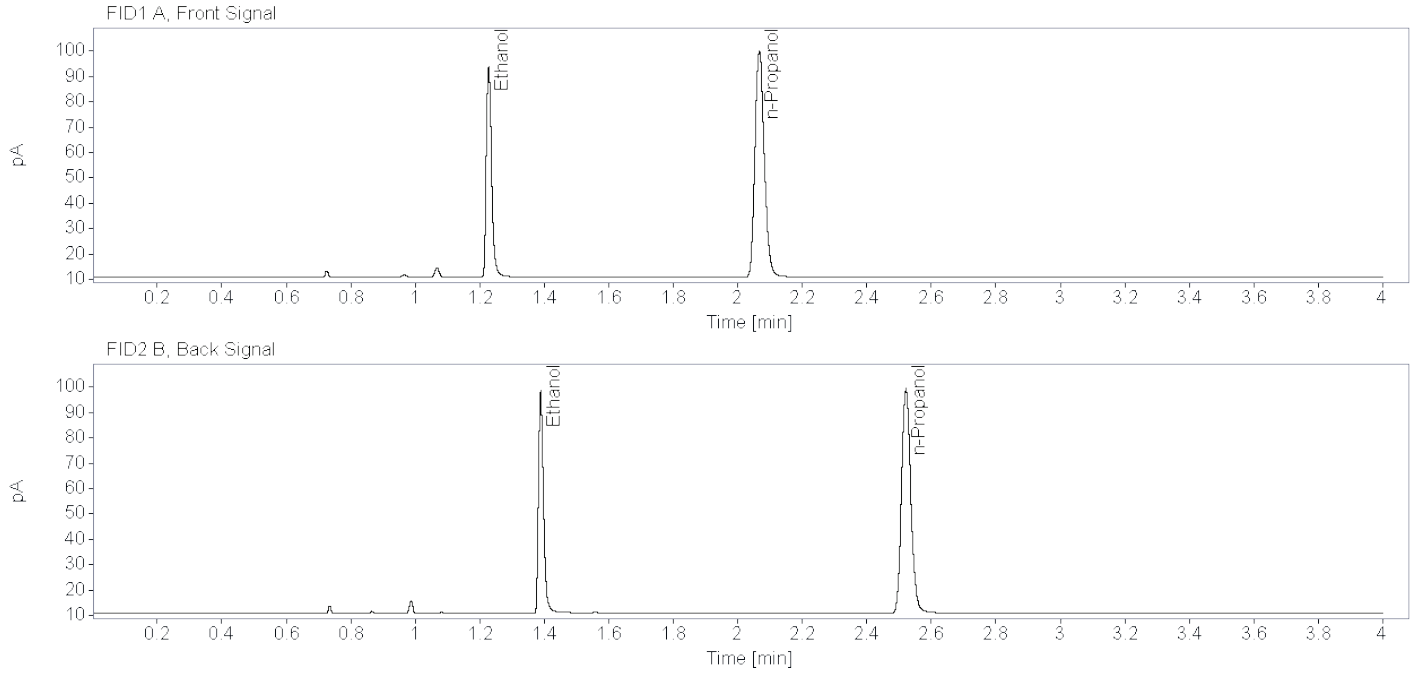
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0418 001_001 (25-0473) **Description:** Alq 1 **Sample Barcode** 25-0473 **Vial Number:** 21

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 3:53:30 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73656	1.228	1.226	93.6878	0.0953
n-Propanol	0.81712	2.067	2.067	178.8958	0.0100

Name FID2B

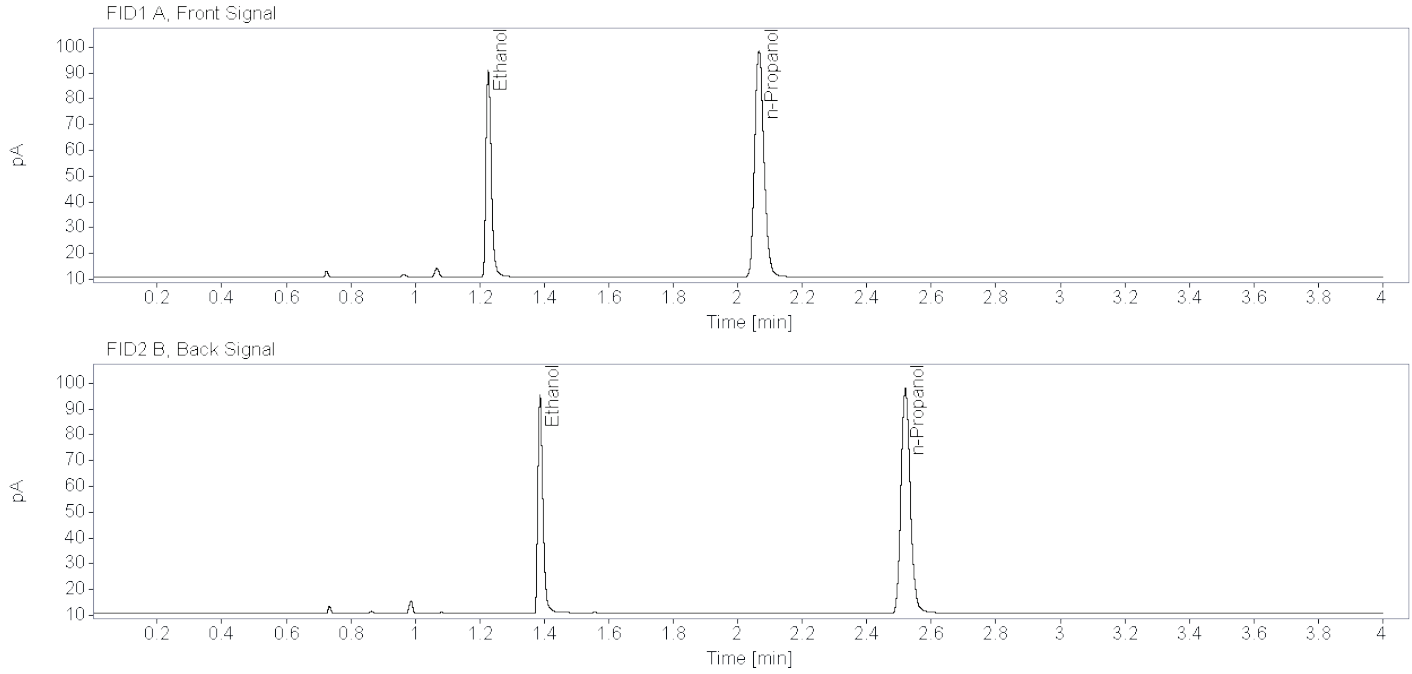
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70696	1.389	1.386	93.3781	0.0958
n-Propanol	0.84370	2.521	2.520	177.3909	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0418 001_001 (25-0475) **Description:** Alq 2 **Sample Barcode** 25-0475 **Vial Number:** 23

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 3/19/2025 4:03:54 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250319_MH 2025-03-19 13-59-27\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71571	1.227	1.226	90.7084	0.0940
n-Propanol	0.81558	2.066	2.067	175.6840	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69259	1.387	1.386	90.1049	0.0941
n-Propanol	0.83427	2.520	2.520	174.2331	0.0100