Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20250402_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	108	✓	✓

Analyst Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2025.04.14 08:57:31 -05'00'

Date: 4/14/2025

Technical Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2025.04.15 13:51:44 -05'00'

Date: 4/15/2025

Batch Name: BAC_20250402_KB

Technical Review Notes

N/A -- 4/16/2025 mh

BAC Summary Worksheet

Batch Name:	BAC_20250402_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		184.6018	182.5919
Acceptance Range	**Min**	166.1416	164.3327
	Max	203.0619	200.8511

Calibrators	Ethanol Obtained Value FID1	Ethanol Obtained Value FID2	Ethanol Average	% Difference Average & Target	% Difference FID1 & Average	% Difference FID2 & Average	IS Area Counts FID1	IS Area Counts FID2
0.010 g/100mL Calibrator	0.0103	0.0103	0.0103	3.00	0.00	0.00	182.5452	180.6465
0.025 g/100mL Calibrator	0.0249	0.0247	0.0248	-0.80	0.40	-0.40	184.4487	182.4906
0.050 g/100mL Calibrator	0.0495	0.0495	0.0495	-1.00	0.00	0.00	186.4813	184.5180
0.100 g/100mL Calibrator	0.0992	0.0994	0.0993	-0.70	-0.10	0.10	183.3908	181.2077
0.200 g/100mL Calibrator	0.1979	0.1980	0.1979	-1.05	0.00	0.05	186.1299	184.0365
0.400 g/100mL Calibrator	0.3994	0.3995	0.3994	-0.15	0.00	0.03	186.0506	184.1714
0.500 g/100mL Calibrator	0.5039	0.5037	0.5038	0.76	0.02	-0.02	183.1659	181.0725

		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	-	-	-	184.0299	181.9185
High QC	0.4038	0.4032	0.4035	0.88	0.07	-0.07	179.0415	177.0507
Low QC	0.0791	0.0793	0.0792	-1.00	-0.13	0.13	185.4203	183.3259
Blood QC A	0.0768	0.0770	0.0769	-2.41	-0.13	0.13	179.9389	177.9502
Blood QC B	0.1869	0.1872	0.1870	-2.45	-0.05	0.11	183.2203	181.1306
Blood QC A	0.0759	0.0760	0.0759	-3.68	0.00	0.13	182.0552	179.9533
Blood QC B	0.1930	0.1934	0.1932	0.78	-0.10	0.10	179.2350	177.1180
Blood QC A	0.0798	0.0802	0.0800	1.52	-0.25	0.25	181.5393	179.2857
High QC	0.4078	0.4080	0.4079	1.97	-0.02	0.02	180.5902	178.3510
Low QC	0.0817	0.0822	0.0819	2.38	-0.24	0.37	175.7879	173.5363
DI Water	0.0000	0.0000	0.0000	-	-	-	188.5479	186.3029

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

	Lab Number	Ethanol Obtained Value Alq1 FID1	Ethanol Obtained Value Alq1 FID2	Ethanol Obtained Value Alq2 FID1	Ethanol Obtained Value Alq2 FID2	Result	UM	% Difference FID & Average Alq1 FID1	Alq1 FID2	Alq 2 FID1	Alq2 FID2	IS Area Counts Alq1 FID1	IS Area Counts Alq1 FID2	IS Area Counts Alq2 FID1	IS Area Counts Alq2 FID2
1	BCCL-25-0131 001_001	0.2461	0.2459	0.2377	0.2377	0.241	0.039	1.76	1.67	-1.72	-1.72	187.6627	185.6062	186.0182	183.7562
2	BCCL-25-0416 001_001	0.1759	0.1752	0.1753	0.1757	0.175	0.028	0.21	-0.19	-0.13	0.10	183.3074	181.3775	178.7313	176.6425
3	BCCL-25-0419 001_001	0.1743	0.1744	0.1757	0.1757	0.175	0.028	-0.41	-0.36	0.39	0.39	186.8443	184.7617	184.8664	182.6967
4	**BCCL-25-0420 001_001**	0.0871	0.0873	0.0862	0.0865	0.086	0.014	0.37	0.61	-0.66	-0.32	188.0044	186.0585	183.8547	181.6775
5	BCCL-25-0426 001_001	0.1328	0.1331	0.1380	0.1383	0.135	0.022	-2.03	-1.81	1.81	2.03	187.3292	185.3462	185.9392	183.7729
6	BCCL-25-0428 001_001	0.1344	0.1348	0.1395	0.1395	0.137	0.022	-1.93	-1.64	1.79	1.79	186.2607	184.2480	183.2260	181.0319
7	BCCL-25-0429 001_001	0.1692	0.1686	0.1724	0.1727	0.170	0.027	-0.89	-1.24	0.98	1.16	188.1371	186.2313	187.7184	185.4789
8	**BCCL-25-0430 001_001**	0.0878	0.0882	0.0845	0.0851	0.086	0.014	1.62	2.08	-2.20	-1.50	185.3448	183.3033	187.6678	185.4515
9	**BCCL-25-0457 001_001**	0.0768	0.0771	0.0797	0.0799	0.078	0.013	-2.01	-1.63	1.69	1.95	184.6613	182.6658	179.5121	177.8518
10	BCCL-25-0461 001_001	0.1808	0.1809	0.1809	0.1814	0.181	0.029	-0.11	-0.06	-0.06	0.22	185.4383	183.5314	182.8075	180.8977
11	BCCL-25-0462 001_001	0.1266	0.1270	0.1320	0.1326	0.129	0.021	-2.28	-1.97	1.89	2.35	187.4475	185.3509	178.9299	176.8674
12	**BCCL-25-0463 001_001**	0.0980	0.0980	0.0958	0.0961	0.096	0.016	1.06	1.06	-1.21	-0.90	184.6707	182.5208	189.1376	186.9361
13	**BCCL-25-0464 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	182.5348	180.5957	184.7356	182.6722
14	**BCCL-25-0473 001_001**	0.0387	0.0387	0.0414	0.0417	0.040	0.006	-3.55	-3.55	3.18	3.93	187.2697	185.2178	181.4876	179.4812
15	**BCCL-25-0478 001_001**	0.0740	0.0742	0.0751	0.0755	0.074	0.012	-0.94	-0.67	0.54	1.07	187.3884	185.4226	184.8257	182.7504
16	**BCCL-25-0481 001_001**	0.0677	0.0680	0.0725	0.0727	0.070	0.011	-3.60	-3.17	3.24	3.52	185.2604	183.1892	188.2946	186.1457
17	**BCCL-25-0498 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	182.1810	180.1310	180.7660	178.5329
18	BCCL-25-0499 001_001	0.2850	0.2849	0.2889	0.2896	0.287	0.046	-0.73	-0.77	0.63	0.87	183.4808	181.4540	181.2115	179.0717
19	**BCCL-25-0509 001_001**	0.0396	0.0396	0.0421	0.0423	0.040	0.006	-3.18	-3.18	2.93	3.42	181.8671	179.8914	176.0597	174.0975
20	BCCL-25-0517 001_001	0.1697	0.1700	0.1748	0.1746	0.172	0.028	-1.49	-1.32	1.47	1.35	186.8787	184.9548	184.1649	182.3701

Kayla M. Baylor

Digitally signed by Kayla M. Baylor
Date: 2025.04.14 08:56:06 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20250402-KB **Analyst:** Kayla M. Baylor **Instrument:** BAC-1

	Lot:	Expiration:	Inventory Number:
Cal 1	FN1227220I	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	FN0307 2301	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	FN0626 2004	7/31/2025	S-23-5014I
High QC	12052023-B	5/31/2028	S-24-5080D
Low QC	517757	6/21/2025	S-24-5001M
Blood QC A	240/241	2/28/2028	S-24-5002G
Blood QC B	2302120	5/31/2027	S-24-5003G
Internal Standard	N/A	8/1/2025	E-25-5001
Pipette(s)	5053, 2054		

Comments:

Approval Date: October 18, 2023
Effective Date: October 20, 2023
Uncontrolled when printed.

Issuing Authority: Upper Management
Authorized for Distribution by Laboratory Director

KB

BAC-20250402-KB

BCCL ANALYTICAL WORKLIST

ANALYST: Kayla Baylor

Worklist ID: 973NK072VJDTS6

Case #	Evid #	Evid Type	Service
BCCL-25-0131	001_001	Blood	Alcohol
	~~001_002~~	~~Blood~~	~~Alcohol~~ KB 4/11/2025
BCCL-25-0416	001_001	Blood	Alcohol
BCCL-25-0419	001_001		Alcohol
BCCL-25-0420	001_001	Blood	Alcohol
BCCL-25-0426	001_001	Blood	Alcohol
BCCL-25-0428	001_001	Blood	Alcohol
BCCL-25-0429	001_001	Blood	Alcohol
BCCL-25-0430	001_001	Blood	Alcohol
BCCL-25-0457	001_001	Blood	Alcohol
BCCL-25-0461	001_001	Blood	Alcohol
BCCL-25-0462	001_001	Blood	Alcohol
BCCL-25-0463	001_001	Blood	Alcohol
BCCL-25-0464	001_001	Blood	Alcohol

KB

BAC_20250402_KB

Case #	Evid #	Evid Type	Service	
BCCL-25-0473	001_001	Blood	Alcohol	
BCCL-25-0478	001_001	Blood	Alcohol	
	~~001_002~~	~~Blood~~	~~Alcohol~~	KB 4/11/2025
BCCL-25-0481	001_001	Blood	Alcohol	
	~~001_002~~	~~Blood~~	~~Alcohol~~	KB 4/11/2025
BCCL-25-0498	001_001	Blood	Alcohol	
	~~001_002~~	~~Blood~~	~~Alcohol~~	KB 4/11/2025
BCCL-25-0499	001_001	Blood	Alcohol	
	~~001_002~~	~~Blood~~	~~Alcohol~~	KB 4/11/2025
BCCL-25-0509	001_001	Blood	Alcohol	
	~~001_002~~	~~Blood~~	~~Alcohol~~	KB 4/11/2025
BCCL-25-0517	001_001	Blood	Alcohol	

KB

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250402_KB.S

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\1\SEQUENCE\2025\BAC_20250402_KB.S
Operator : Kayla M. Baylor
Data File Naming : Auto
Data Directory : C:\Chem32\1\Data\
Data Subdirectory : 2025
Barcode Reader : used in Sequence
Barcode option : On barcode mismatch inject anyway
Shutdown Cmd/Macro : LOADMETHOD "C:\Chem32\1\methods\","shutdown.M"
Sequence Comment :
Part of Methods to run: According to Runtime Checklist
Update Master Method (Data Analysis parameters): No

sequence verified 4/2/2025 mh

SEQUENCE TABLE:

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (25-0489)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 1

==========

Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (25-0490)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 2

==========

Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (25-0491)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 3

==========

Line : 4
Location : 4
Sample Information :
Sample Name : 0.100 g/100mL Cal (25-0492)
Method Name : BAC
Sample Type : Calibration

KB

Calibration Level : 4

Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (25-0493)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 5

Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (25-0494)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 6

Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (25-0495)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 7

Line : 8
Location : 8
Sample Information :
Sample Name : Negative (25-0496)
Method Name : BAC
Sample Type : Sample

Line : 9
Location : 9
Sample Information :
Sample Name : High QC (25-0497)
Method Name : BAC
Sample Type : Sample

Line : 10
Location : 10
Sample Information :

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250402_KB.S

Sample Name : Low QC (25-0498)
Method Name : BAC
Sample Type : Sample

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (25-0499)
Method Name : BAC
Sample Type : Sample

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-25-0131 001_001 (25-0500)
Method Name : BAC
Sample Type : Sample

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-25-0416 001_001 (25-0501)
Method Name : BAC
Sample Type : Sample

Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-25-0419 001_001 (25-0502)
Method Name : BAC
Sample Type : Sample

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-25-0420 001_001 (25-0503)
Method Name : BAC
Sample Type : Sample

Line : 16
Location : 16
Sample Information : Alq 1

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250402_KB.S

Sample Name : BCCL-25-0426 001_001 (25-0504)
Method Name : BAC
Sample Type : Sample

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-25-0428 001_001 (25-0505)
Method Name : BAC
Sample Type : Sample

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-25-0429 001_001 (25-0506)
Method Name : BAC
Sample Type : Sample

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-25-0430 001_001 (25-0507)
Method Name : BAC
Sample Type : Sample

Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-25-0457 001_001 (25-0508)
Method Name : BAC
Sample Type : Sample

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-25-0461 001_001 (25-0509)
Method Name : BAC
Sample Type : Sample

Line : 22
Location : 22
Sample Information :

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250402_KB.S

Sample Name : Blood QC B (25-0510)
Method Name : BAC
Sample Type : Sample

Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-25-0462 001_001 (25-0511)
Method Name : BAC
Sample Type : Sample

Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-25-0463 001_001 (25-0512)
Method Name : BAC
Sample Type : Sample

Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-25-0464 001_001 (25-0513)
Method Name : BAC
Sample Type : Sample

Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-25-0473 001_001 (25-0514)
Method Name : BAC
Sample Type : Sample

Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-25-0478 001_001 (25-0515)
Method Name : BAC
Sample Type : Sample

Line : 28
Location : 28
Sample Information : Alq 1

Sample Name : BCCL-25-0481 001_001 (25-0516)
Method Name : BAC
Sample Type : Sample

Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-25-0498 001_001 (25-0517)
Method Name : BAC
Sample Type : Sample

Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-25-0499 001_001 (25-0518)
Method Name : BAC
Sample Type : Sample

Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-25-0509 001_001 (25-0519)
Method Name : BAC
Sample Type : Sample

Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : BCCL-25-0517 001_001 (25-0520)
Method Name : BAC
Sample Type : Sample

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (25-0521)
Method Name : BAC
Sample Type : Sample

Line : 34
Location : 34
Sample Information : Alq 2

KB

Sample Name : BCCL-25-0517 001_001 (25-0522)
Method Name : BAC
Sample Type : Sample

Line : 35
Location : 35
Sample Information : Alq 2
Sample Name : BCCL-25-0509 001_001 (25-0523)
Method Name : BAC
Sample Type : Sample

Line : 36
Location : 36
Sample Information : Alq 2
Sample Name : BCCL-25-0499 001_001 (25-0524)
Method Name : BAC
Sample Type : Sample

Line : 37
Location : 37
Sample Information : Alq 2
Sample Name : BCCL-25-0498 001_001 (25-0525)
Method Name : BAC
Sample Type : Sample

Line : 38
Location : 38
Sample Information : Alq 2
Sample Name : BCCL-25-0481 001_001 (25-0526)
Method Name : BAC
Sample Type : Sample

Line : 39
Location : 39
Sample Information : Alq 2
Sample Name : BCCL-25-0478 001_001 (25-0527)
Method Name : BAC
Sample Type : Sample

Line : 40
Location : 40
Sample Information : Alq 2

Sample Name : BCCL-25-0473 001_001 (25-0528)
Method Name : BAC
Sample Type : Sample

Line : 41
Location : 41
Sample Information : Alq 2
Sample Name : BCCL-25-0464 001_001 (25-0529)
Method Name : BAC
Sample Type : Sample

Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : BCCL-25-0463 001_001 (25-0530)
Method Name : BAC
Sample Type : Sample

Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : BCCL-25-0462 001_001 (25-0531)
Method Name : BAC
Sample Type : Sample

Line : 44
Location : 44
Sample Information :
Sample Name : Blood QC B (25-0532)
Method Name : BAC
Sample Type : Sample

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-25-0461 001_001 (25-0533)
Method Name : BAC
Sample Type : Sample

Line : 46
Location : 46
Sample Information : Alq 2

KB

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250402_KB.S

Sample Name : BCCL-25-0457 001_001 (25-0534)
Method Name : BAC
Sample Type : Sample

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-25-0430 001_001 (25-0535)
Method Name : BAC
Sample Type : Sample

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-25-0429 001_001 (25-0536)
Method Name : BAC
Sample Type : Sample

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-25-0428 001_001 (25-0537)
Method Name : BAC
Sample Type : Sample

Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-25-0426 001_001 (25-0538)
Method Name : BAC
Sample Type : Sample

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-25-0420 001_001 (25-0539)
Method Name : BAC
Sample Type : Sample

Line : 52
Location : 52
Sample Information : Alq 2

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250402_KB.S

Sample Name : BCCL-25-0419 001_001 (25-0540)
Method Name : BAC
Sample Type : Sample

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-25-0416 001_001 (25-0541)
Method Name : BAC
Sample Type : Sample

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-25-0131 001_001 (25-0542)
Method Name : BAC
Sample Type : Sample

Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (25-0543)
Method Name : BAC
Sample Type : Sample

Line : 56
Location : 56
Sample Information :
Sample Name : High QC (25-0544)
Method Name : BAC
Sample Type : Sample

Line : 57
Location : 57
Sample Information :
Sample Name : Low QC (25-0545)
Method Name : BAC
Sample Type : Sample

Line : 58
Location : 58
Sample Information :

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250402_KB.S

Sample Name	: DI Water (25-0546)
Method Name	: BAC
Sample Type	: Sample

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
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

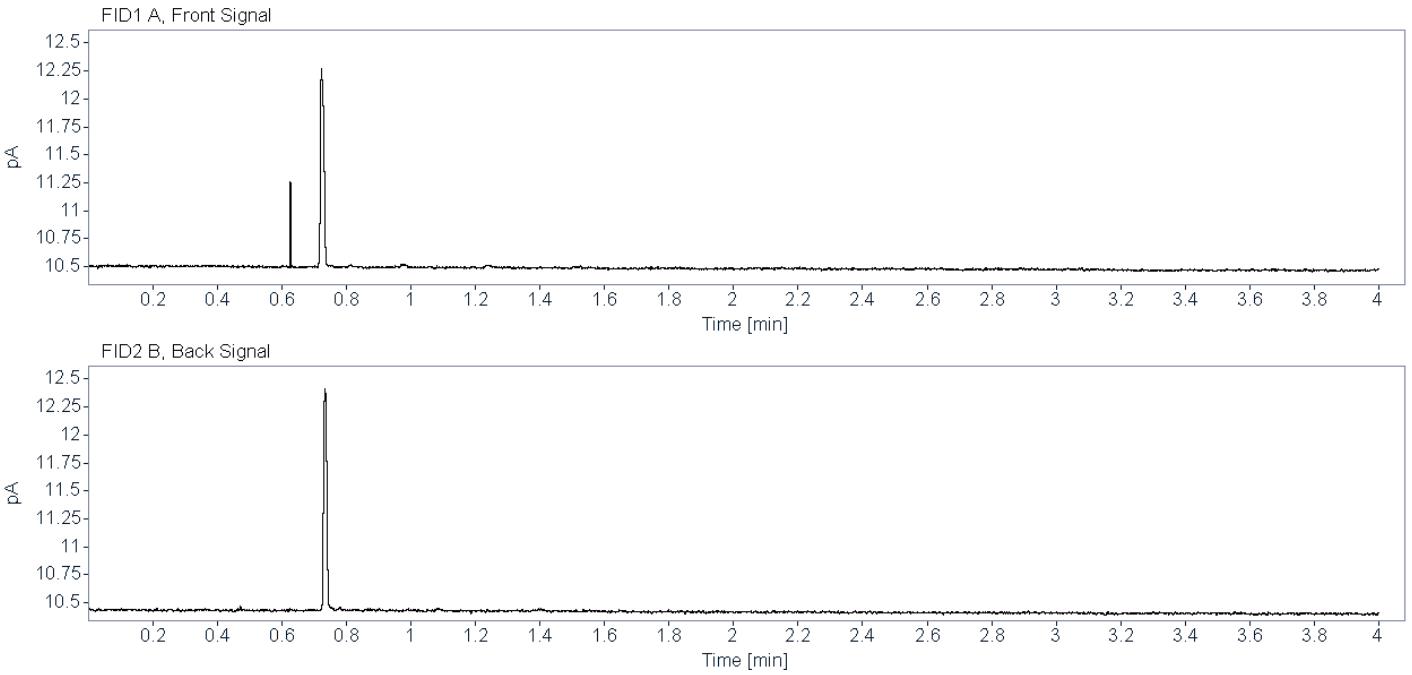
Apply Method's Manual Integration Events: No

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

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

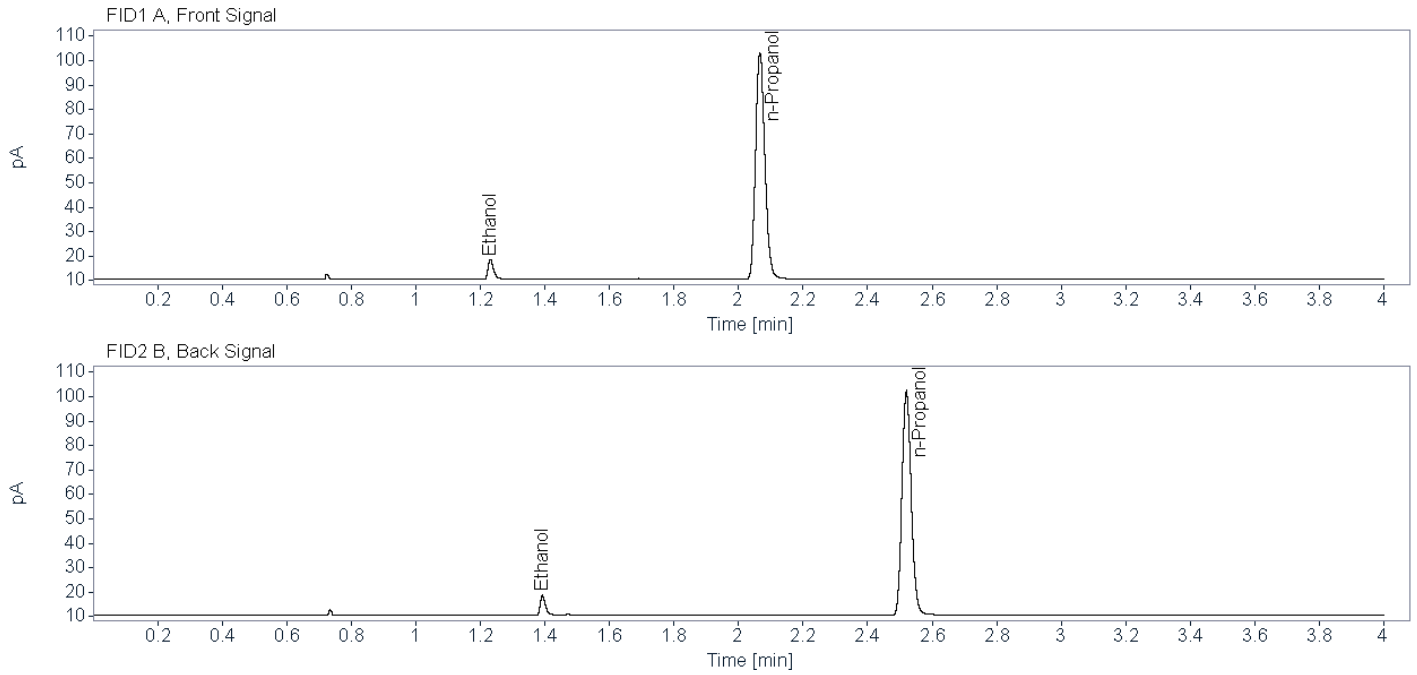
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 8:02:36 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250402PC_KB 2025-04-02 07-52-39\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:** 4/2/2025 8:07:19 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250402PC_KB 2025-04-02 07-52-39\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69645	1.231	1.231	9.6297	0.0106
n-Propanol	0.82915	2.066	2.066	185.6105	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.64301	1.392	1.392	9.3664	0.0103
n-Propanol	0.85060	2.520	2.520	183.8004	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 4/4/2025 6:46:00 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	9.44646	1.05860e-3	No	No	1	Ethanol
		2	2.50000e-2	24.58935	1.01670e-3				
		3	5.00000e-2	50.40266	9.92011e-4				
		4	1.00000e-1	100.42299	9.95788e-4				
		5	2.00000e-1	204.28305	9.79034e-4				
		6	4.00000e-1	413.13940	9.68196e-4				
		7	5.00000e-1	513.34192	9.74010e-4				
1.386	2	1	1.00000e-2	9.19266	1.08782e-3	No	No	2	Ethanol
		2	2.50000e-2	24.03753	1.04004e-3				
		3	5.00000e-2	49.87574	1.00249e-3				
		4	1.00000e-1	99.64707	1.00354e-3				
		5	2.00000e-1	202.71071	9.86628e-4				
		6	4.00000e-1	410.61230	9.74155e-4				
		7	5.00000e-1	509.31750	9.81706e-4				
2.066	1	1	1.00000e-2	182.54518	5.47810e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	184.44872	5.42156e-5				
		3	1.00000e-2	186.48129	5.36247e-5				
		4	1.00000e-2	183.39084	5.45284e-5				
		5	1.00000e-2	186.12994	5.37259e-5				
		6	1.00000e-2	186.05058	5.37488e-5				
		7	1.00000e-2	183.16586	5.45953e-5				
2.520	2	1	1.00000e-2	180.64645	5.53567e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	182.49060	5.47973e-5				
		3	1.00000e-2	184.51796	5.41953e-5				
		4	1.00000e-2	181.20767	5.51853e-5				
		5	1.00000e-2	184.03654	5.43370e-5				
		6	1.00000e-2	184.17137	5.42973e-5				
		7	1.00000e-2	181.07254	5.52265e-5				

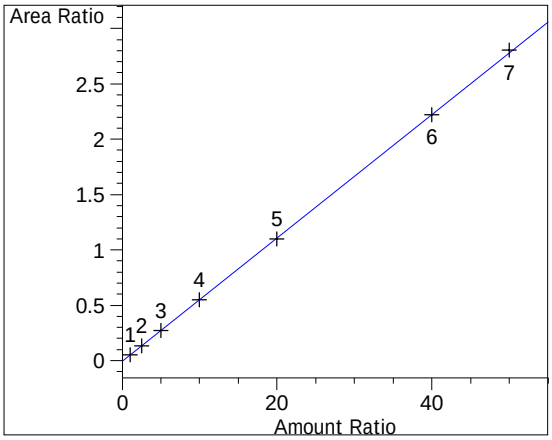
Peak Sum Table

No Entries in table

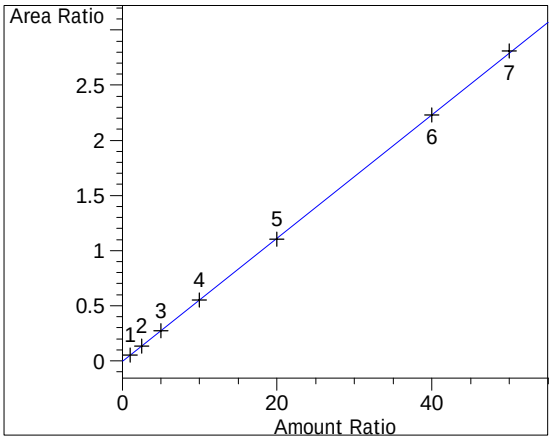
1 Warnings or Errors :

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

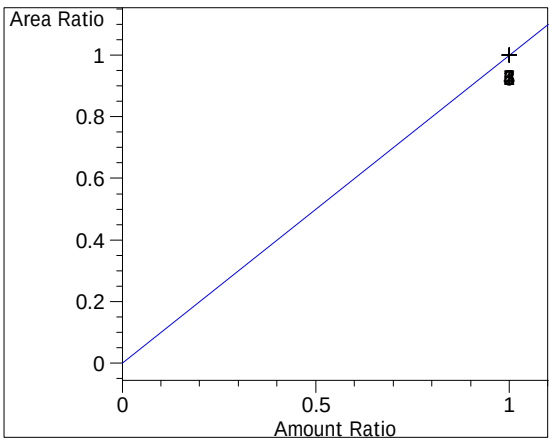
Calibration Curves



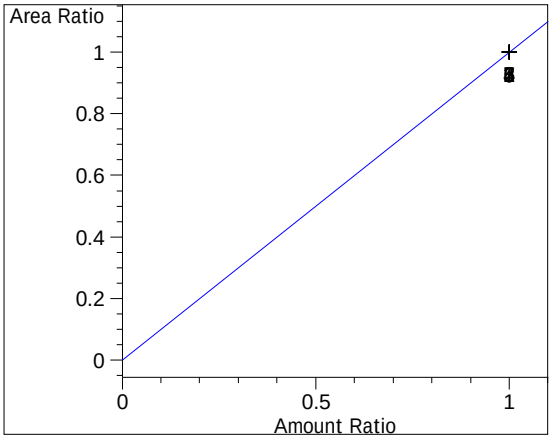
Ethanol at exp. RT: 1.225
FID1 A, Front Signal
Correlation: 0.99996
Residual Std. Dev.: 0.01132
Formula: y = mx + b
m: 5.57283e-2
b: -5.40660e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.388175
Level 3 : 0.191461
Level 4 : 0.094503
Level 5 : 0.04715
Level 6 : 0.023304
Level 7 : 0.018464



Ethanol at exp. RT: 1.386
FID2 B, Back Signal
Correlation: 0.99997
Residual Std. Dev.: 0.01081
Formula: y = mx + b
m: 5.59786e-2
b: -6.72370e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.386334
Level 3 : 0.188261
Level 4 : 0.092539
Level 5 : 0.0462
Level 6 : 0.022825
Level 7 : 0.018092



n-Propanol at exp. RT: 2.066
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

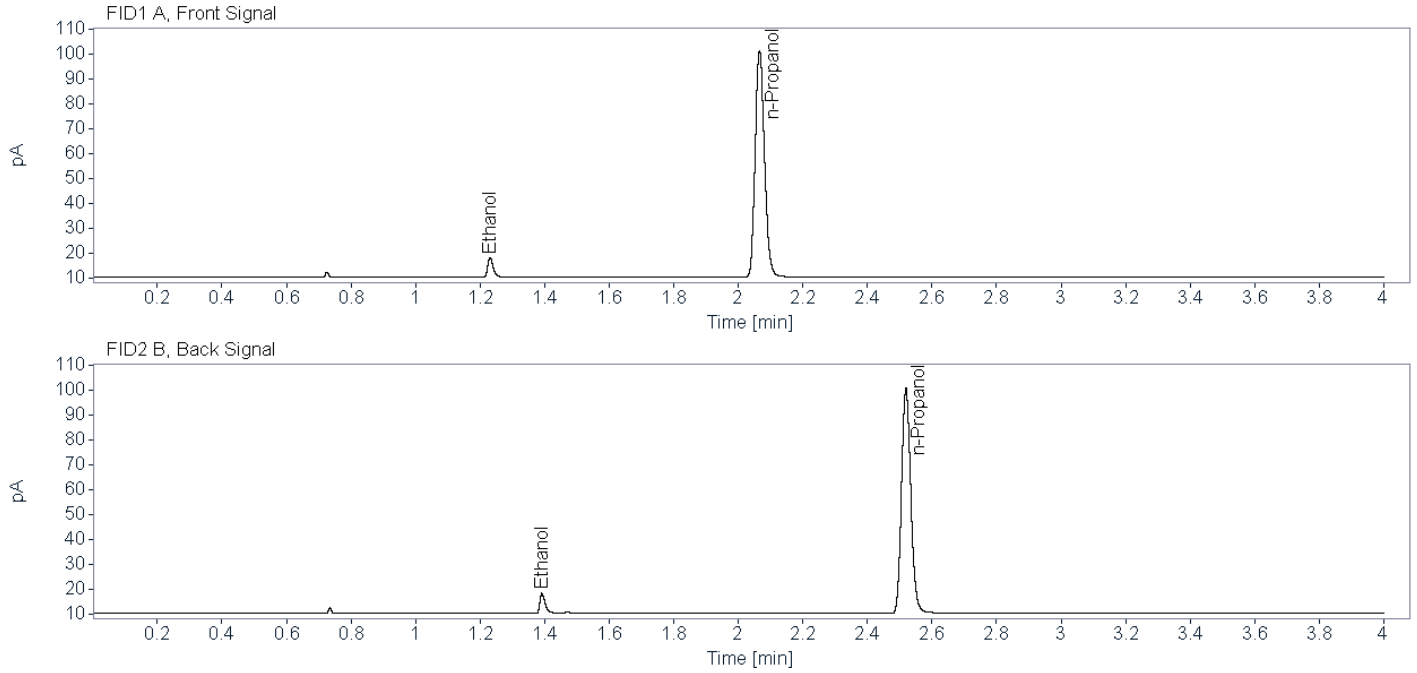


n-Propanol at exp. RT: 2.520
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (25-0489) **Description:** **Sample Barcode** 25-0489 **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 11:33:12 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\001F0101.D



Name FID1A

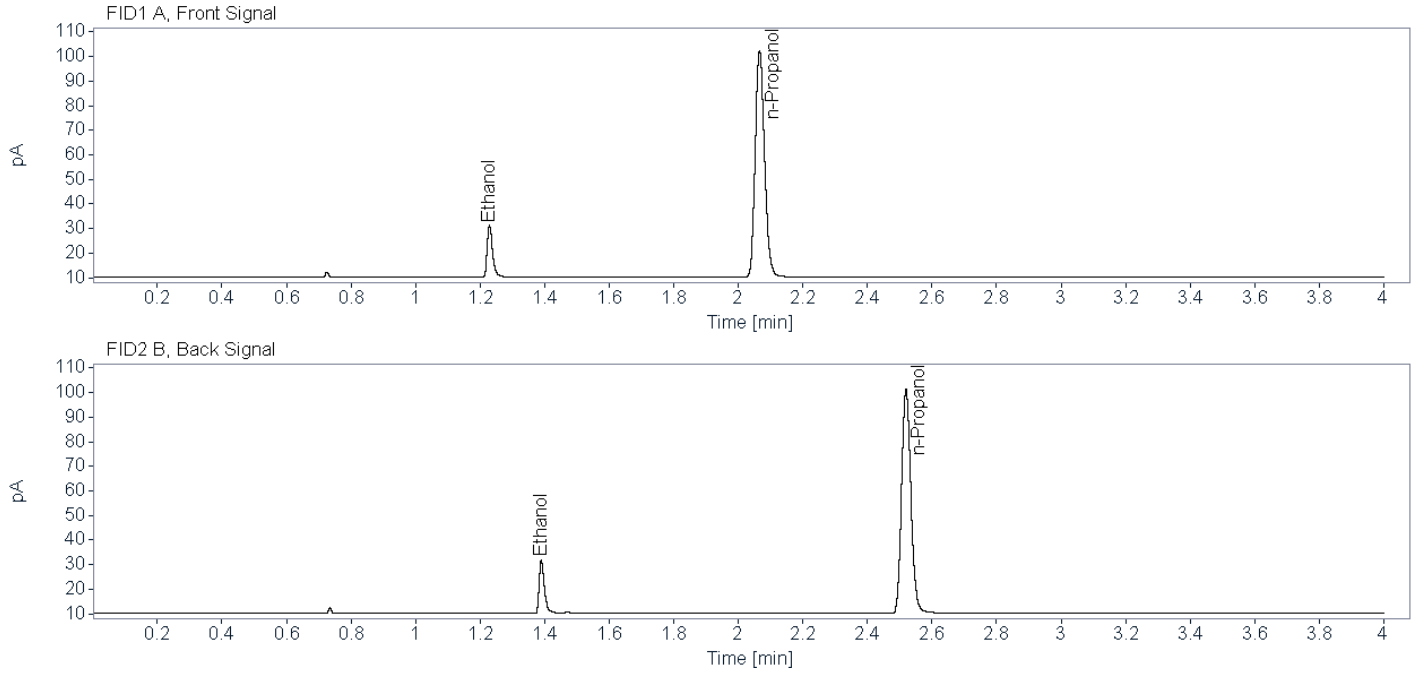
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68210	1.231	1.231	9.4465	0.0103
n-Propanol	0.82157	2.066	2.066	182.5452	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.65392	1.392	1.392	9.1927	0.0103
n-Propanol	0.83927	2.519	2.519	180.6465	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (25-0490) **Description:** **Sample Barcode** 25-0490 **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 11:37:54 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\002F0201.D



Name FID1A

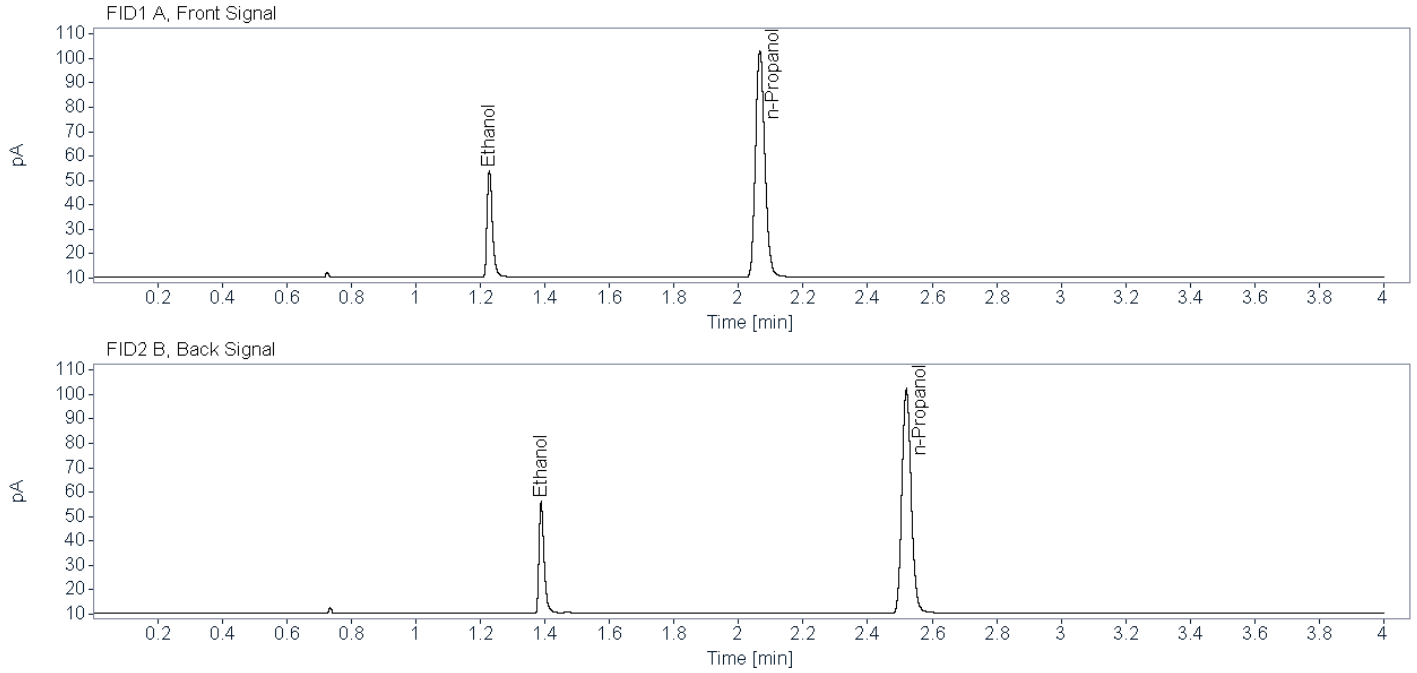
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69723	1.229	1.229	24.5893	0.0249
n-Propanol	0.82386	2.066	2.066	184.4487	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.65108	1.390	1.390	24.0375	0.0247
n-Propanol	0.84393	2.520	2.520	182.4906	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (25-0491) **Description:** **Sample Barcode** 25-0491 **Vial Number:** 3
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 11:43:35 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\003F0301.D



Name FID1A

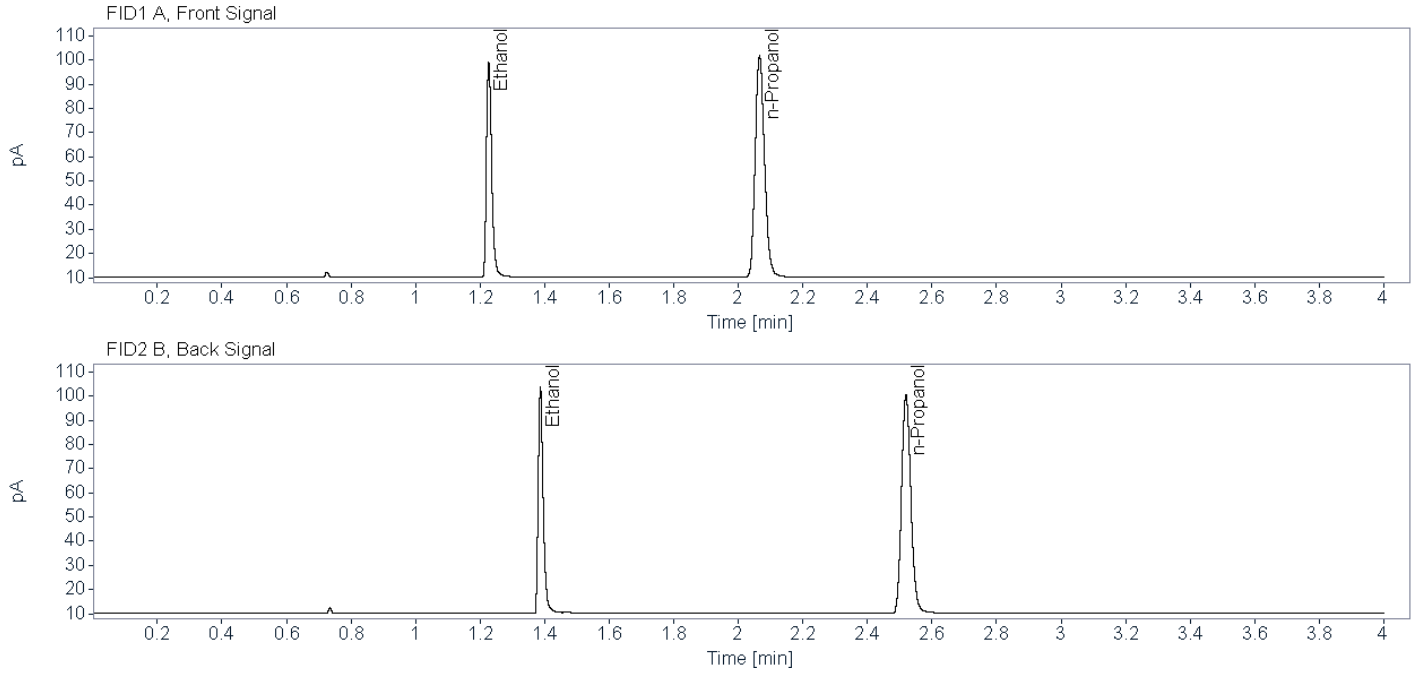
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71107	1.228	1.228	50.4027	0.0495
n-Propanol	0.82348	2.066	2.066	186.4813	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68068	1.388	1.388	49.8757	0.0495
n-Propanol	0.84982	2.520	2.520	184.5180	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (25-0492) **Description:** **Sample Barcode** **Vial Number:** 4
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 11:48:18 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\004F0401.D



Name FID1A

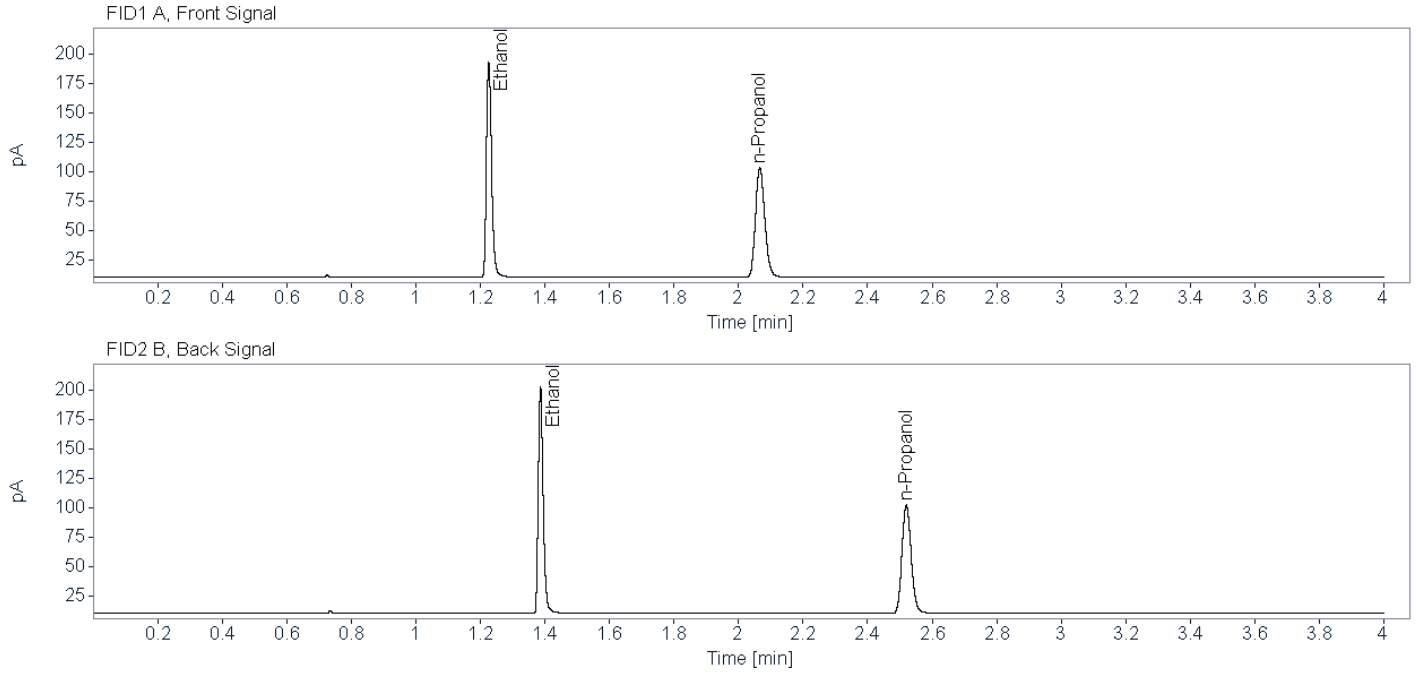
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72481	1.227	1.227	100.4230	0.0992
n-Propanol	0.81753	2.066	2.066	183.3908	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69774	1.387	1.387	99.6471	0.0994
n-Propanol	0.83779	2.520	2.520	181.2077	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (25-0493) **Description:** **Sample Barcode** 25-0493 **Vial Number:** 5
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 11:53:59 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\005F0501.D



Name FID1A

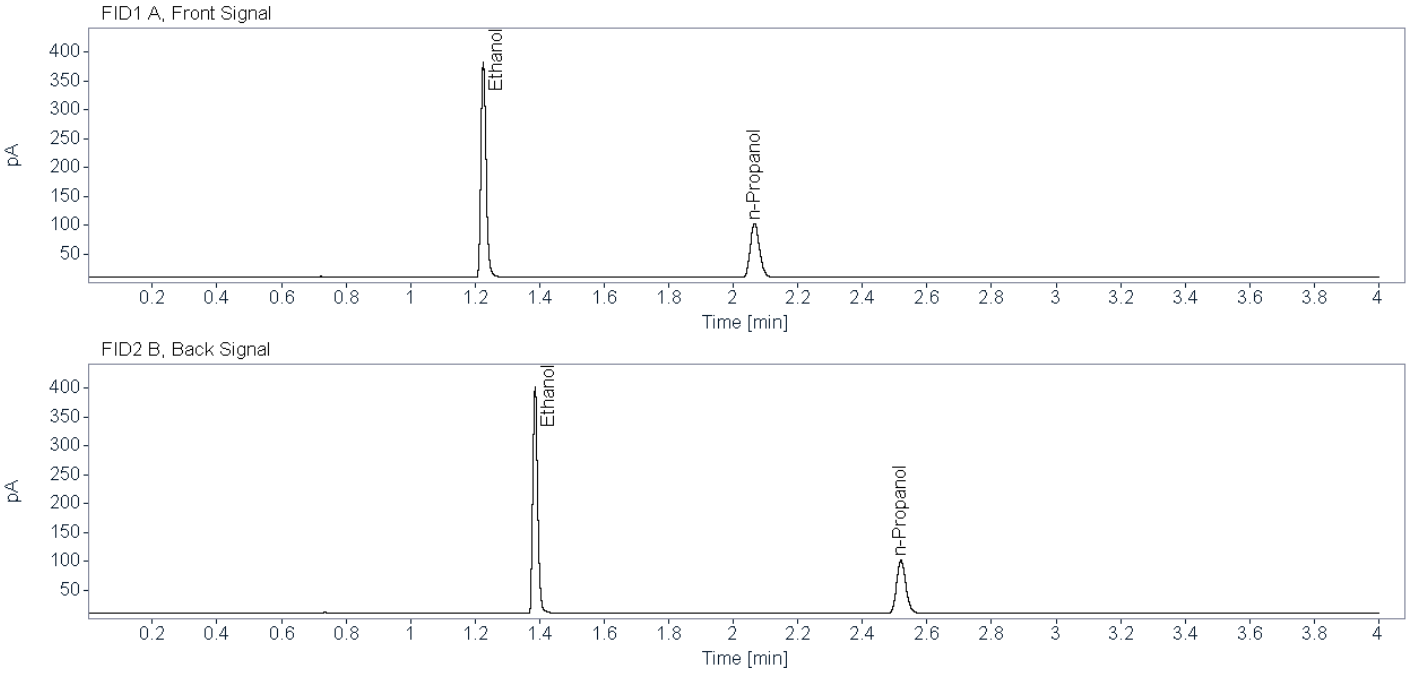
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75481	1.226	1.226	204.2831	0.1979
n-Propanol	0.82333	2.066	2.066	186.1299	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74721	1.386	1.386	202.7107	0.1980
n-Propanol	0.84523	2.520	2.520	184.0365	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (25-0494) **Description:** **Sample Barcode** 25-0494 **Vial Number:** 6
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 11:58:41 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\006F0601.D



Name FID1A

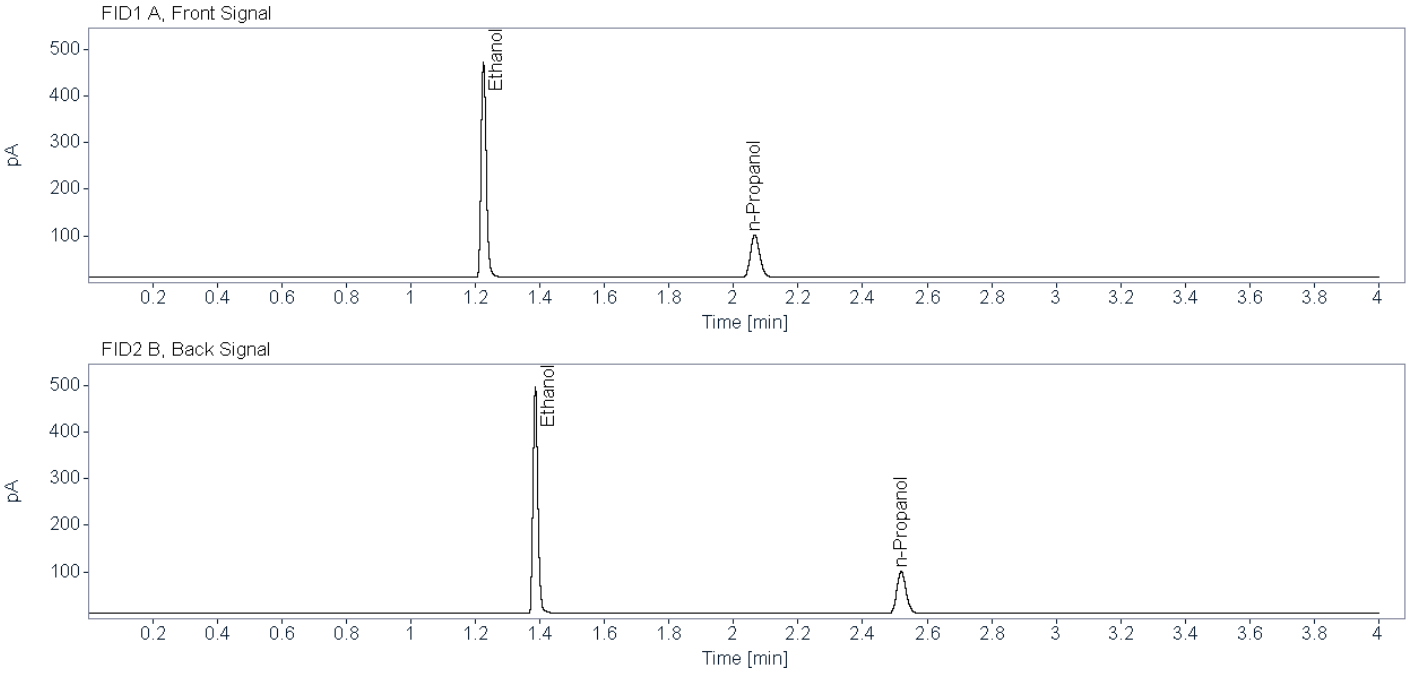
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79336	1.226	1.226	413.1394	0.3994
n-Propanol	0.82016	2.066	2.066	186.0506	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80448	1.386	1.386	410.6123	0.3995
n-Propanol	0.83273	2.520	2.520	184.1714	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (25-0495) **Description:** **Sample Barcode** 25-0495 **Vial Number:** 7
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 12:04:23 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\007F0701.D



Name FID1A

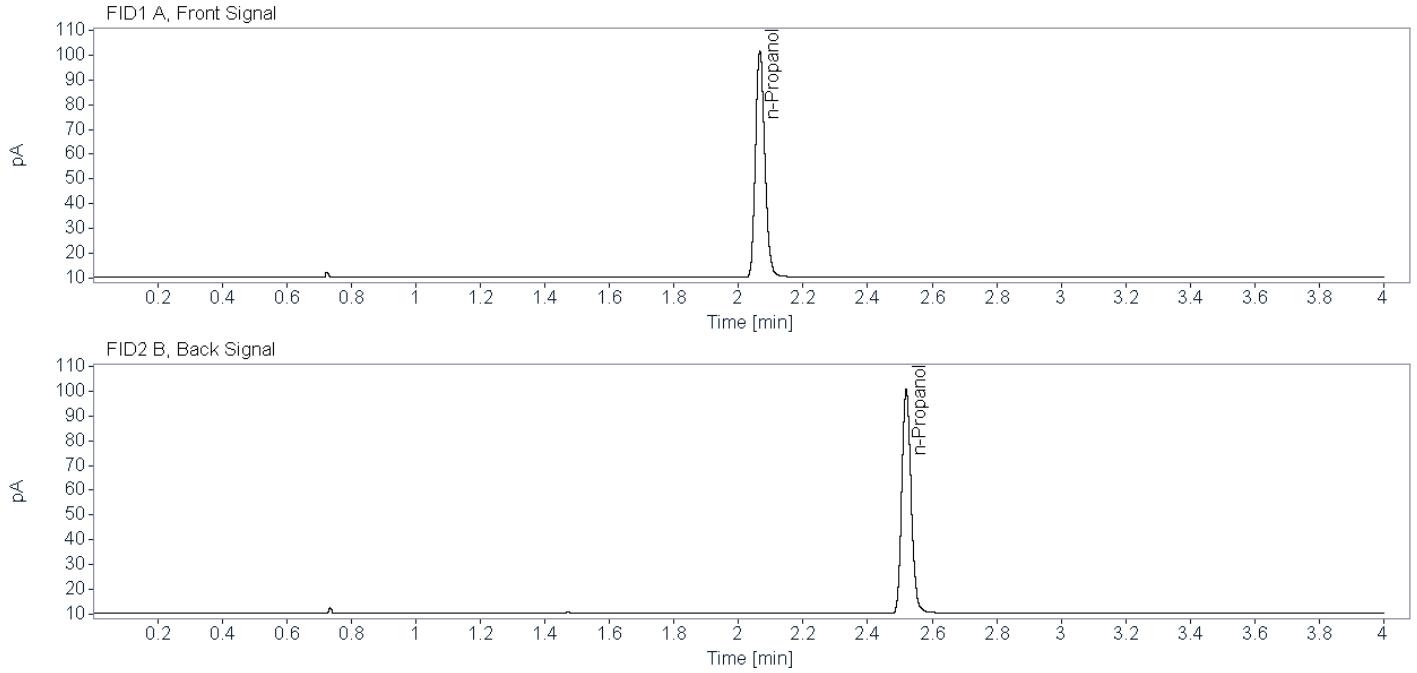
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80667	1.225	1.225	513.3419	0.5039
n-Propanol	0.82278	2.066	2.066	183.1659	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81890	1.386	1.386	509.3175	0.5037
n-Propanol	0.83730	2.520	2.520	181.0725	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (25-0496) **Description:** **Sample Barcode** 25-0496 **Vial Number:** 8
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 12:09:06 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\008F0801.D



Name FID1A

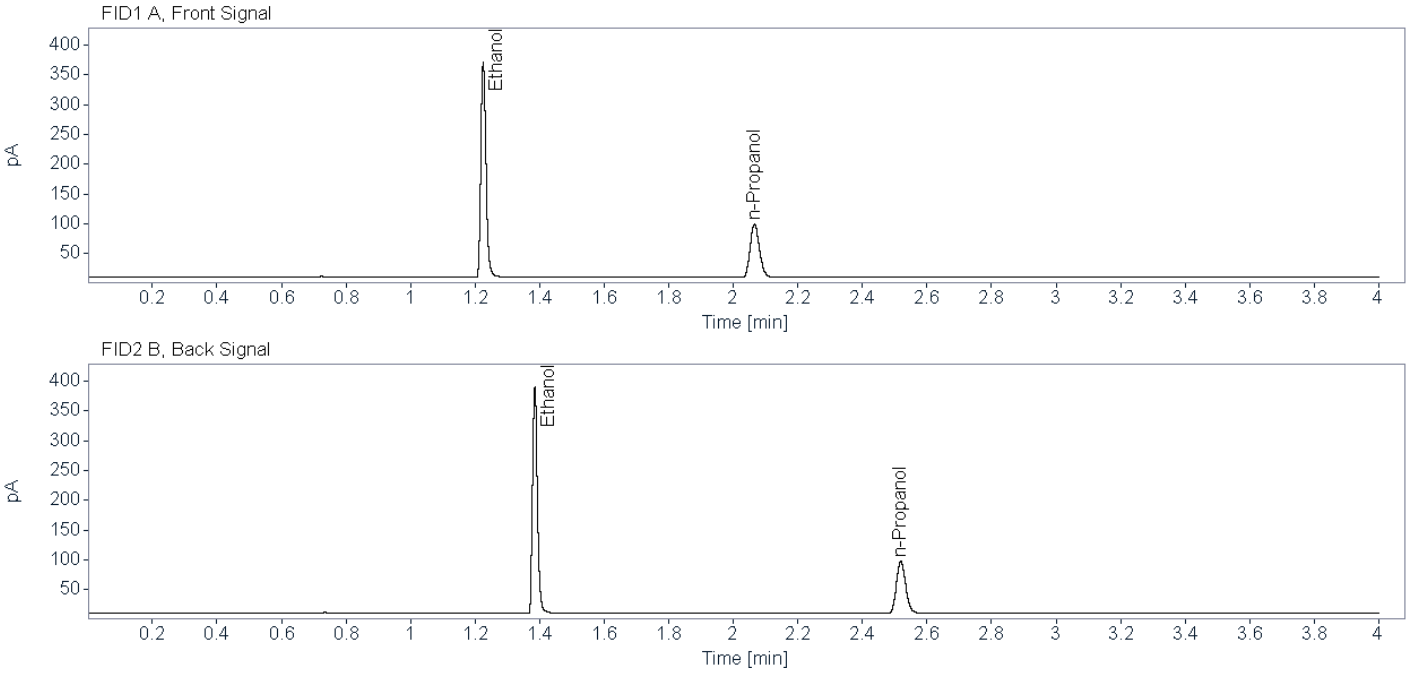
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82369	2.066	2.066	184.0299	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83872	2.519	2.520	181.9185	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-0497) **Description:** **Sample Barcode** 25-0497 **Vial Number:** 9
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 12:14:47 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\009F0901.D



Name FID1A

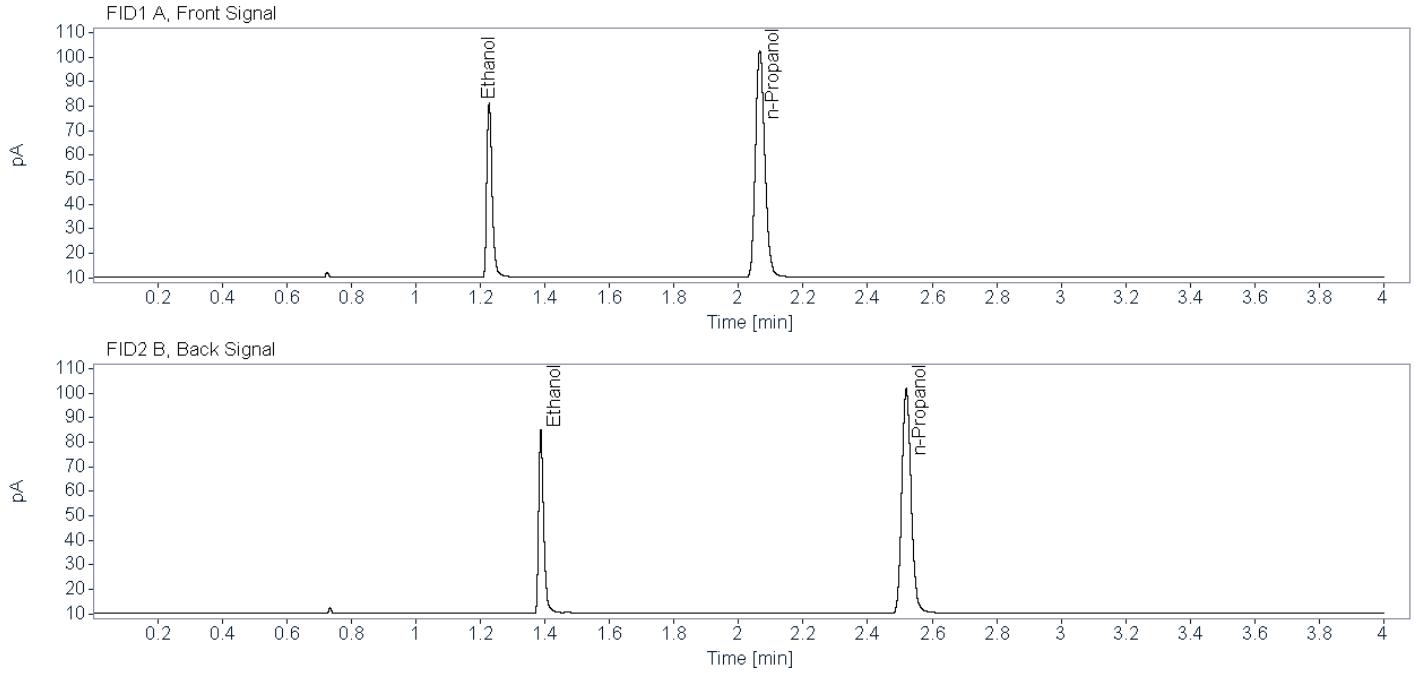
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78813	1.225	1.225	401.8936	0.4038
n-Propanol	0.81567	2.066	2.066	179.0415	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79650	1.385	1.386	398.3891	0.4032
n-Propanol	0.83961	2.519	2.520	177.0507	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-0498) **Description:** **Sample Barcode** 25-0498 **Vial Number:** 10
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 12:19:30 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\010F1001.D



Name FID1A

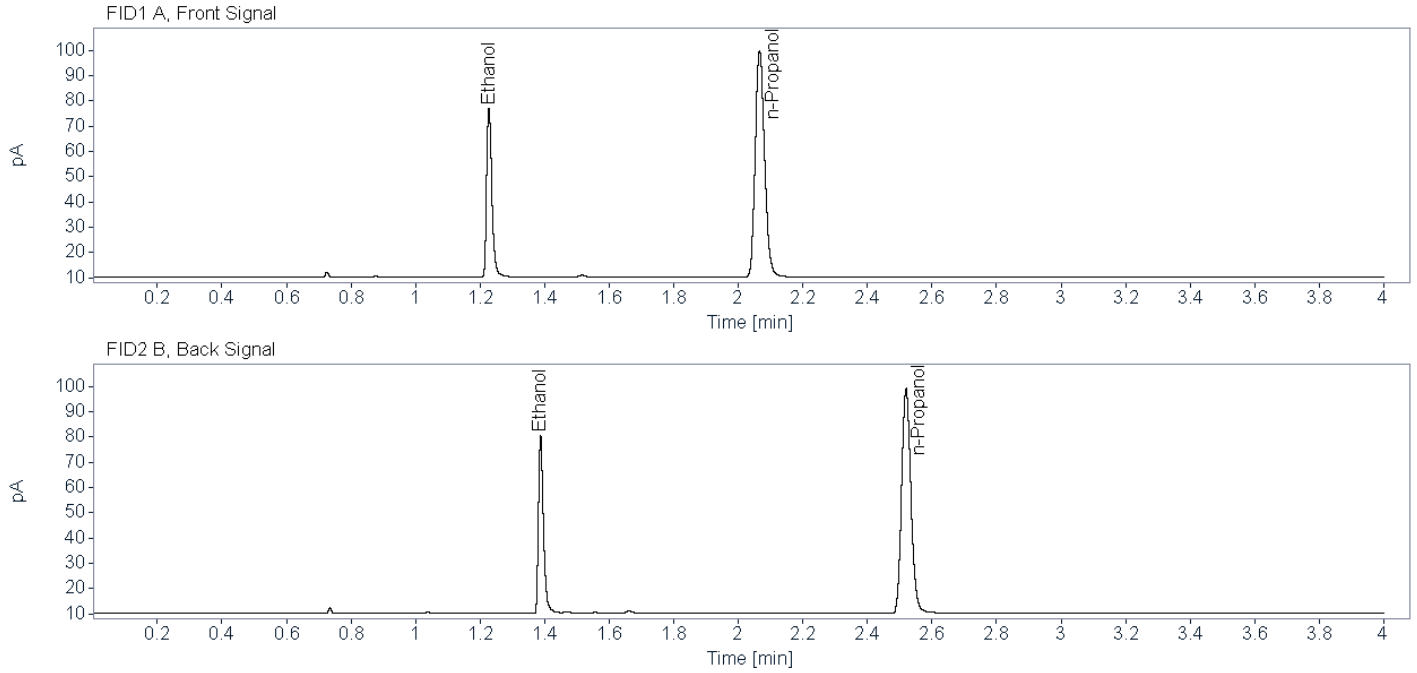
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71760	1.227	1.225	80.6998	0.0791
n-Propanol	0.82018	2.066	2.066	185.4203	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70906	1.387	1.386	80.1747	0.0793
n-Propanol	0.84083	2.520	2.520	183.3259	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0499) **Description:** **Sample Barcode** 25-0499 **Vial Number:** 11
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 12:25:11 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\011F1101.D



Name FID1A

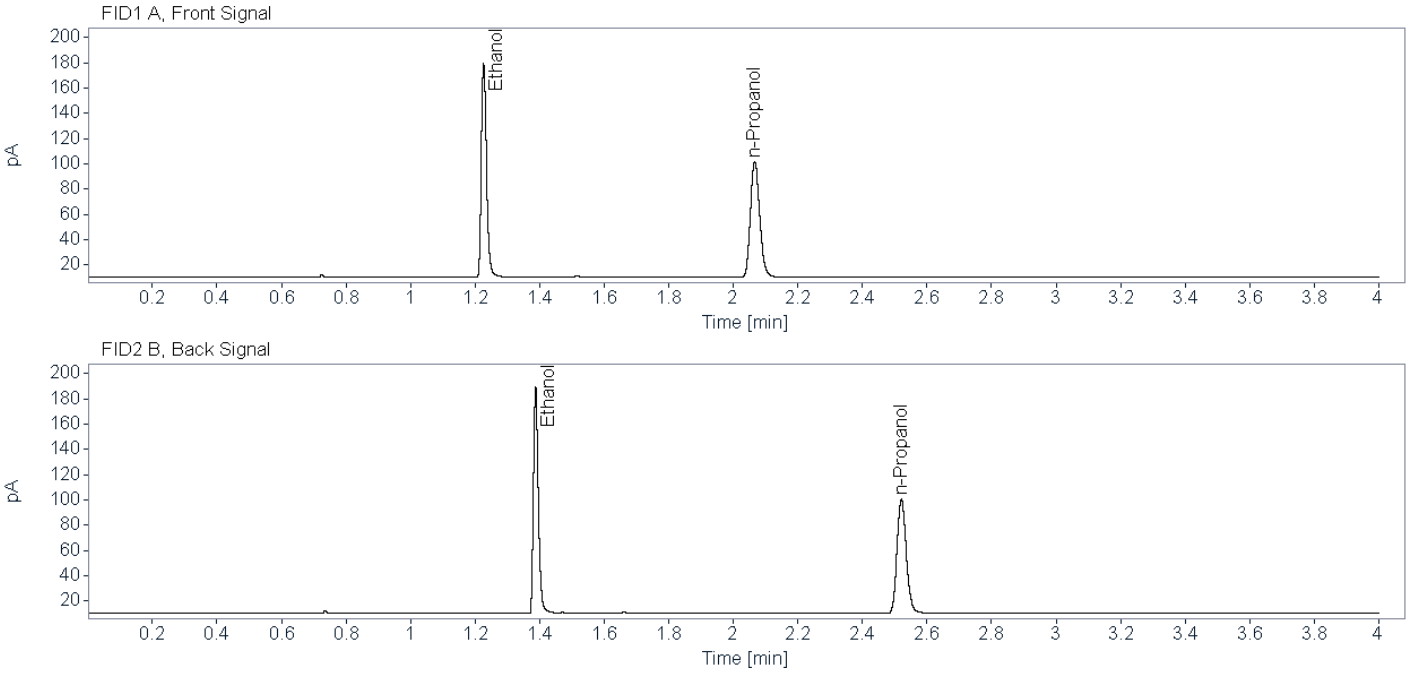
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71891	1.227	1.225	76.0889	0.0768
n-Propanol	0.81778	2.066	2.066	179.9389	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69881	1.388	1.386	75.4887	0.0770
n-Propanol	0.83668	2.520	2.520	177.9502	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-0510) **Description:** **Sample Barcode** 25-0510 **Vial Number:** 22
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 1:21:54 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\022F2201.D



Name FID1A

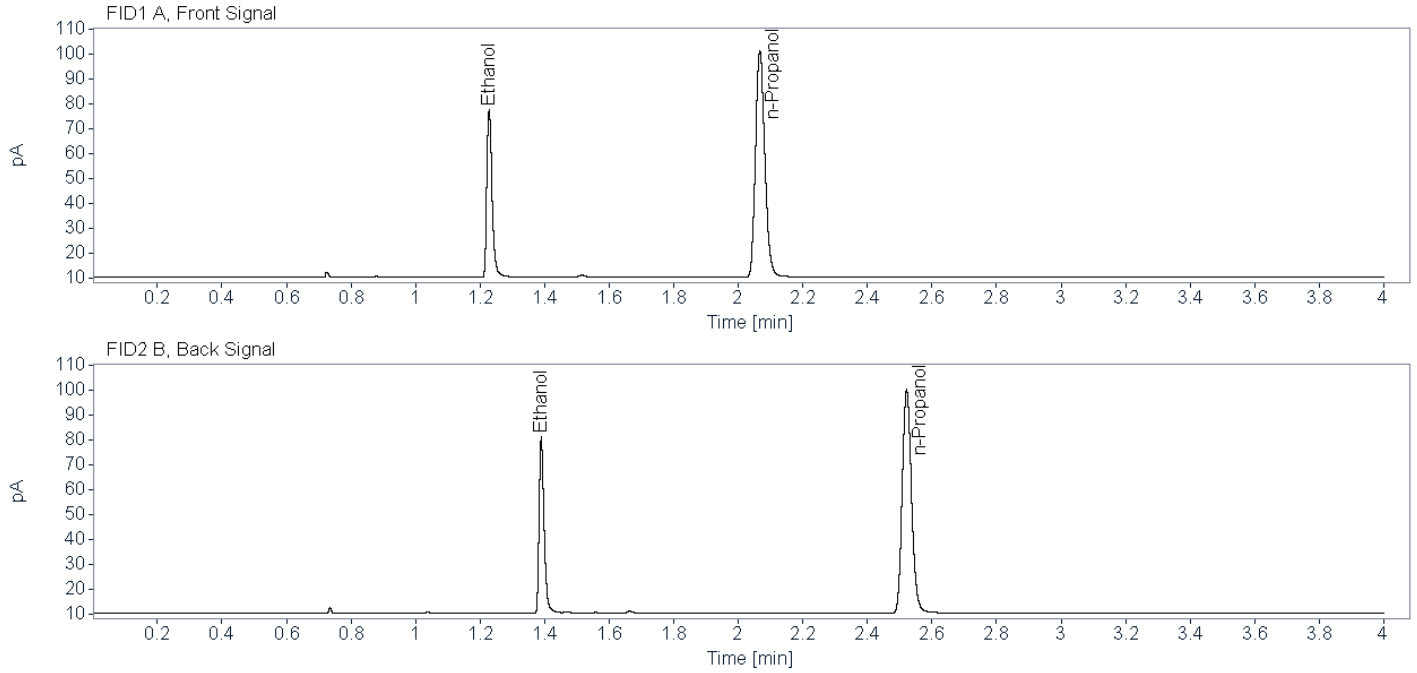
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74839	1.227	1.225	189.8725	0.1869
n-Propanol	0.81853	2.067	2.066	183.2203	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75479	1.388	1.386	188.6379	0.1872
n-Propanol	0.83871	2.521	2.520	181.1306	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0521) **Description:** **Sample Barcode** 25-0521 **Vial Number:** 33
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 2:20:18 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\033F3301.D



Name FID1A

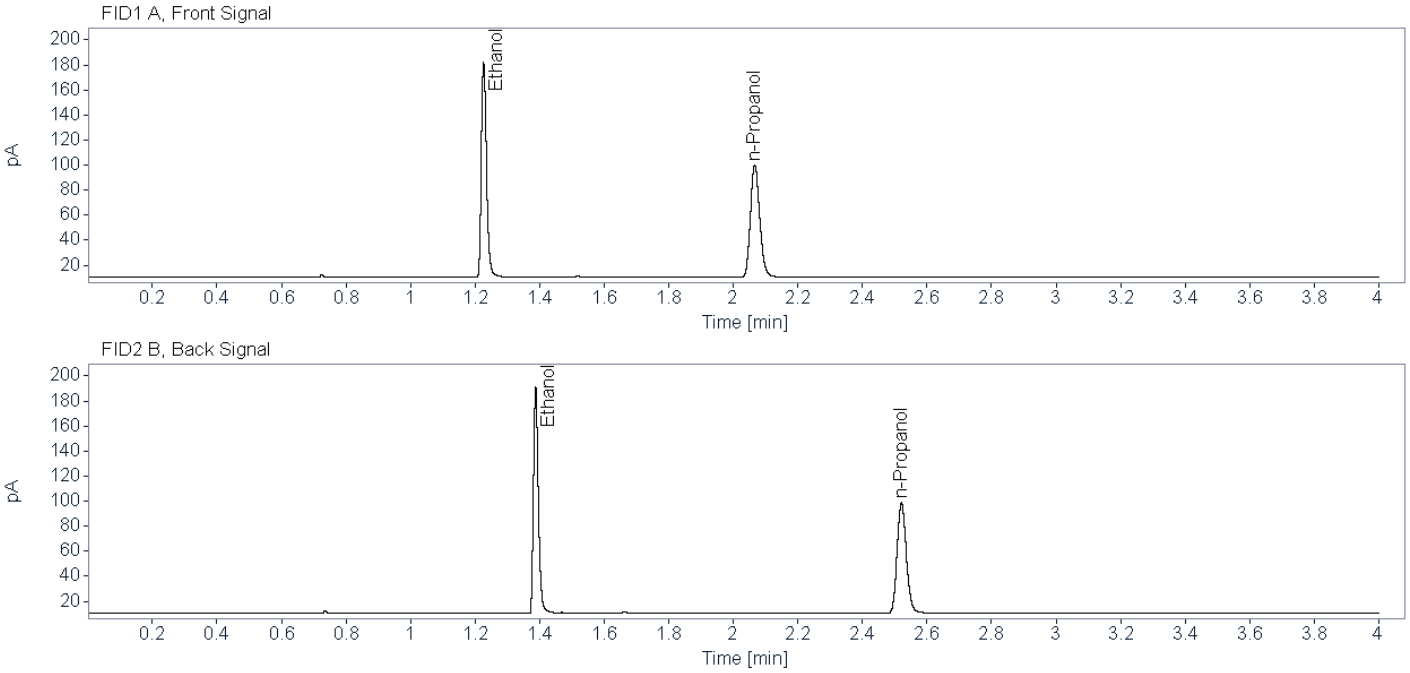
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71639	1.228	1.225	76.0665	0.0759
n-Propanol	0.81662	2.067	2.066	182.0552	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68833	1.390	1.386	75.3677	0.0760
n-Propanol	0.84703	2.522	2.520	179.9533	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-0532) **Description:** **Sample Barcode** 25-0532 **Vial Number:** 44
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 3:17:01 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\044F4401.D



Name FID1A

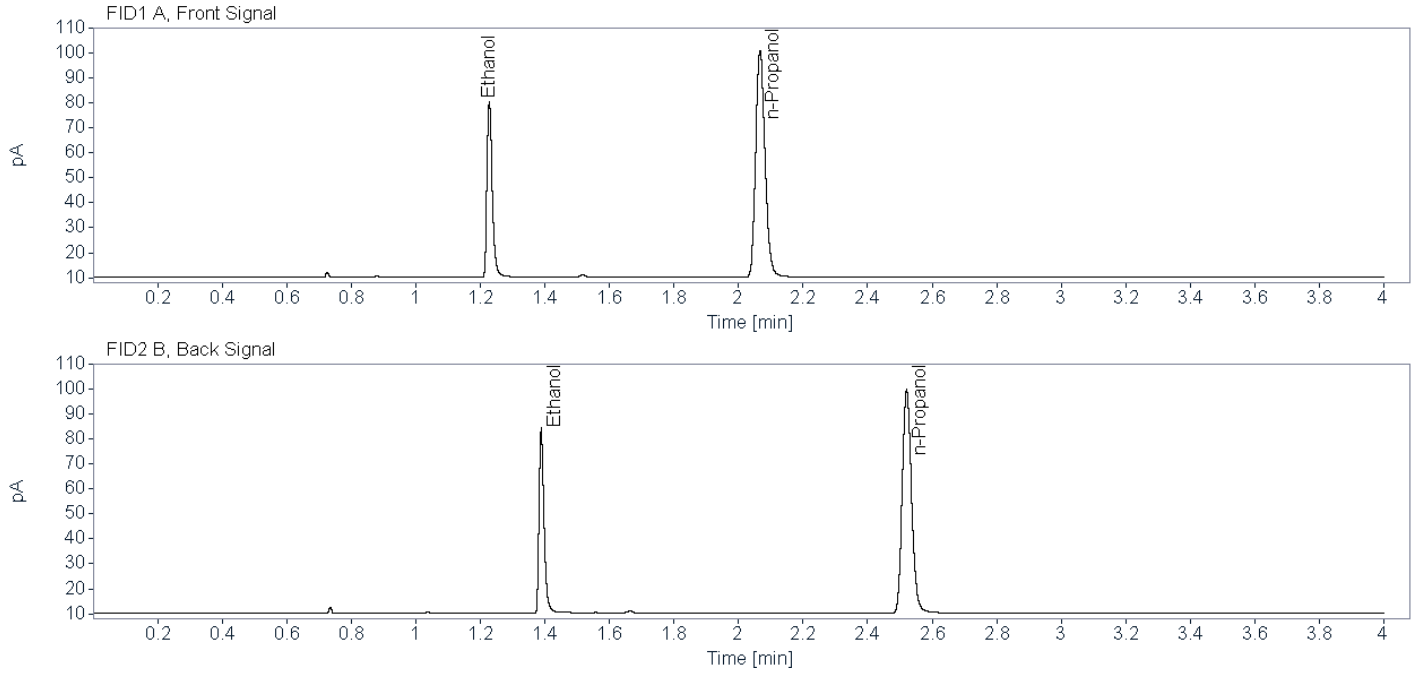
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74713	1.227	1.225	191.8095	0.1930
n-Propanol	0.81381	2.067	2.066	179.2350	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75712	1.388	1.386	190.5871	0.1934
n-Propanol	0.84113	2.521	2.520	177.1180	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0543) **Description:** **Sample Barcode** 25-0543 **Vial Number:** 55
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 4:14:42 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\055F5501.D



Name FID1A

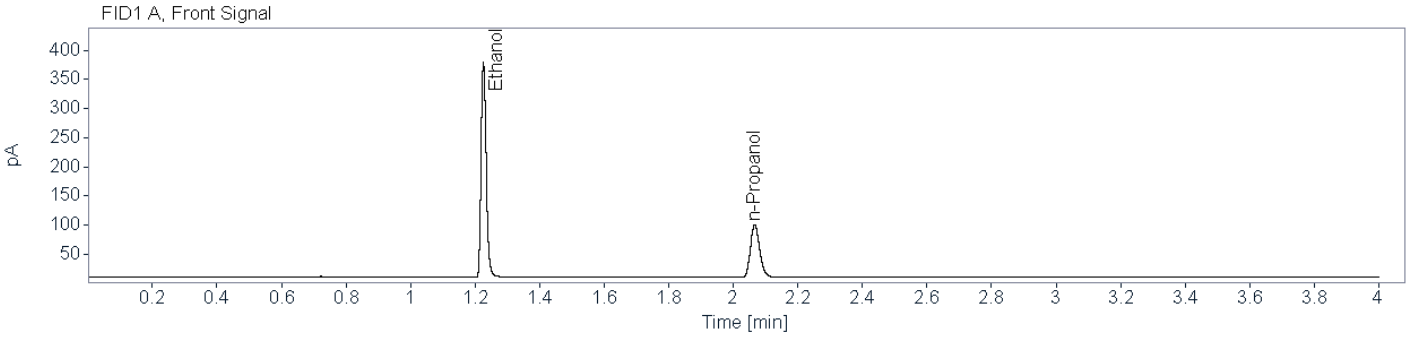
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71787	1.228	1.225	79.7298	0.0798
n-Propanol	0.81564	2.067	2.066	181.5393	0.0100

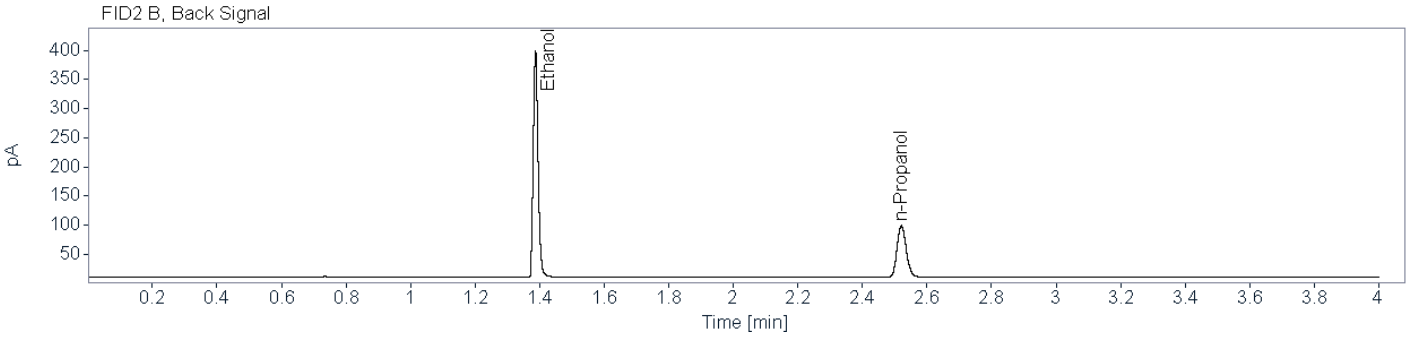
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69648	1.389	1.386	79.2488	0.0802
n-Propanol	0.84266	2.521	2.520	179.2857	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-0544) **Description:** **Sample Barcode** 25-0544 **Vial Number:** 56
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 4:19:25 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\056F5601.D





Name FID1A

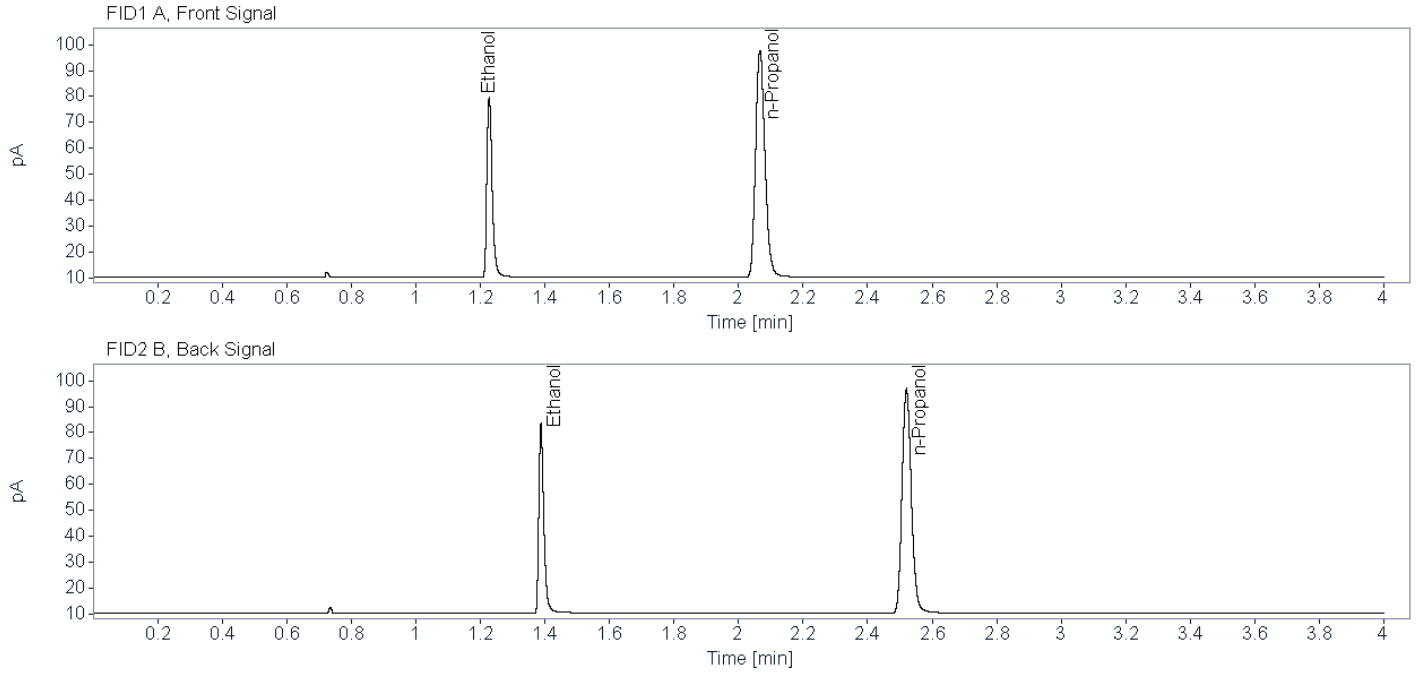
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79152	1.226	1.225	409.4035	0.4078
n-Propanol	0.81015	2.067	2.066	180.5902	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80647	1.387	1.386	406.1338	0.4080
n-Propanol	0.83972	2.521	2.520	178.3510	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-0545) **Description:** **Sample Barcode** 25-0545 **Vial Number:** 57
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 4:25:06 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\057F5701.D



Name FID1A

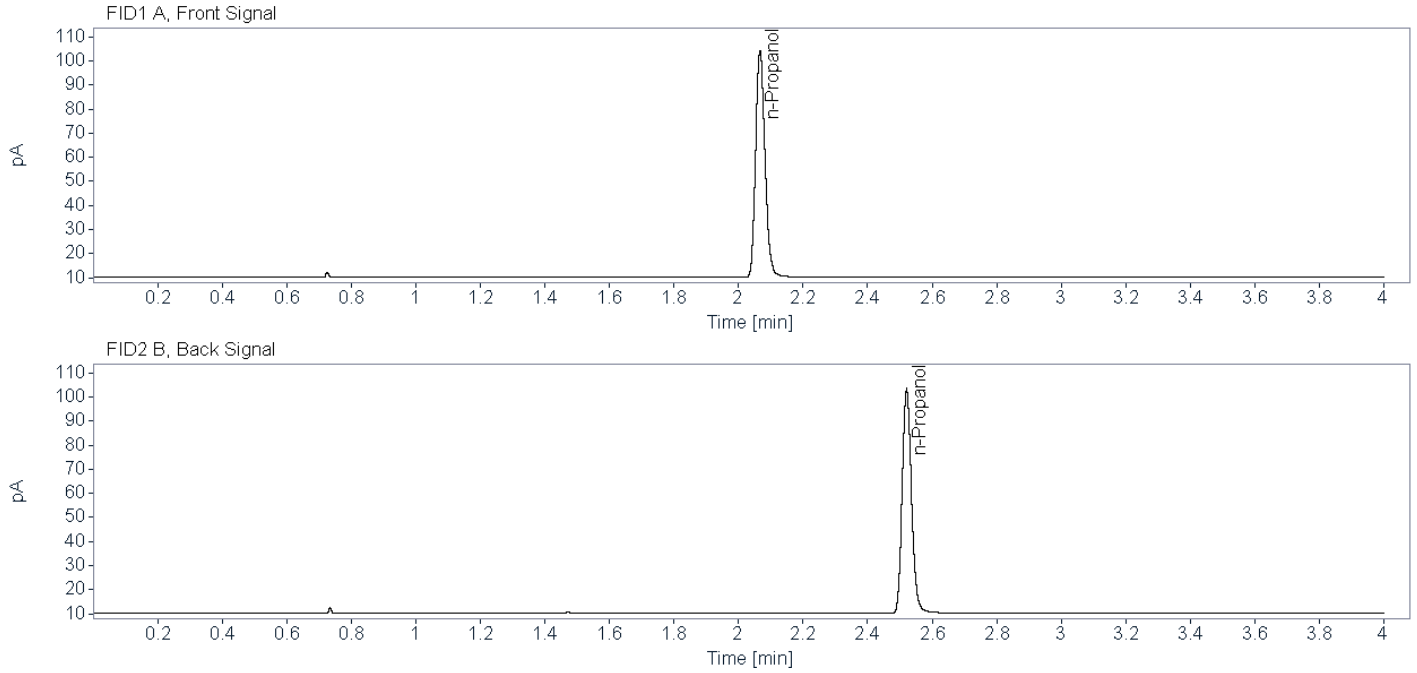
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71384	1.228	1.225	79.1265	0.0817
n-Propanol	0.81385	2.066	2.066	175.7879	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69092	1.388	1.386	78.6389	0.0822
n-Propanol	0.83603	2.520	2.520	173.5363	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (25-0546) **Description:** **Sample Barcode** 25-0546 **Vial Number:** 58
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 4:29:49 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81566	2.066	2.066	188.5479	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84327	2.521	2.520	186.3029	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0131 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2461	Aliquot 1:	0.2459
	Aliquot 2:	0.2377	Aliquot 2:	0.2377

Reported Result: 0.241 g/100 mL

Reported UM: 0.039 g/100 mL

Comments:

Previously analyzed in BAC_20250210_KB -KB 4/11/2025

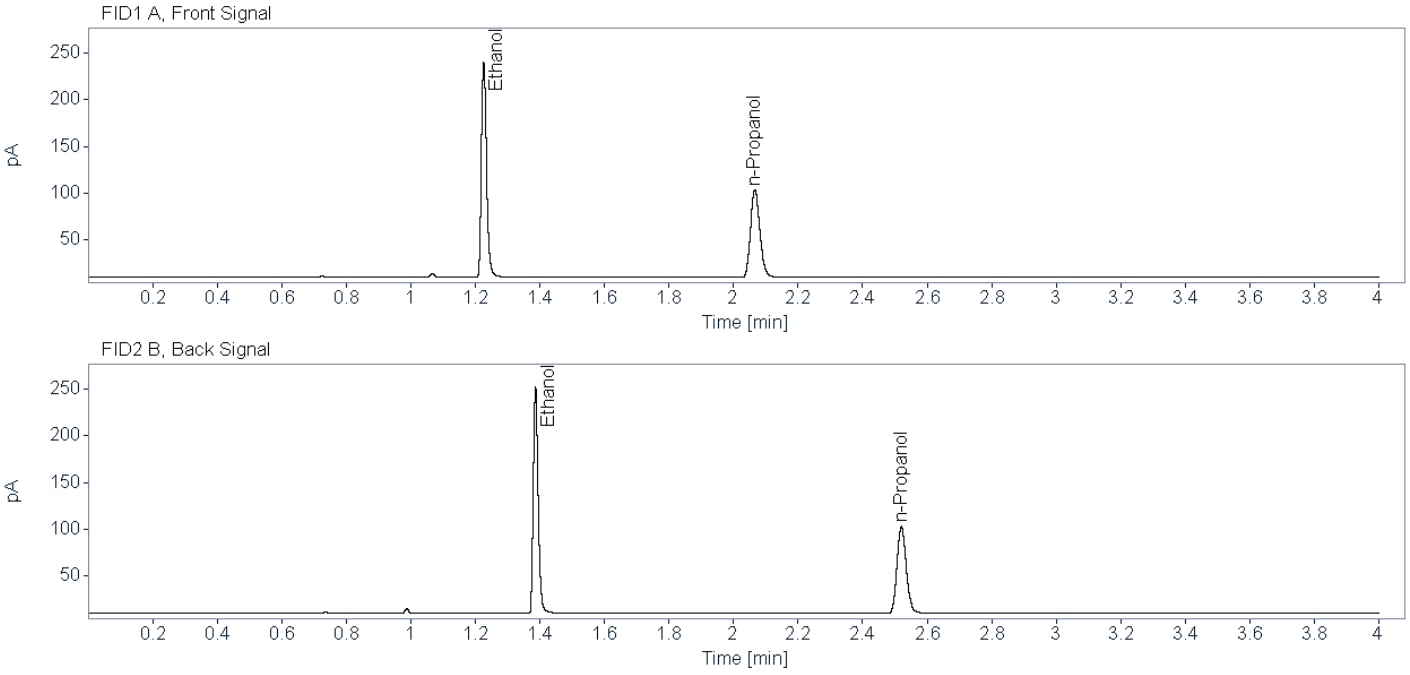
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0131 001_001 (25-0500) **Description:** Alq 1 **Sample Barcode** 25-0500 **Vial Number:** 12

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 12:29:54 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\012F1201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76300	1.226	1.225	256.3167	0.2461
n-Propanol	0.82132	2.066	2.066	187.6627	0.0100

Name FID2B

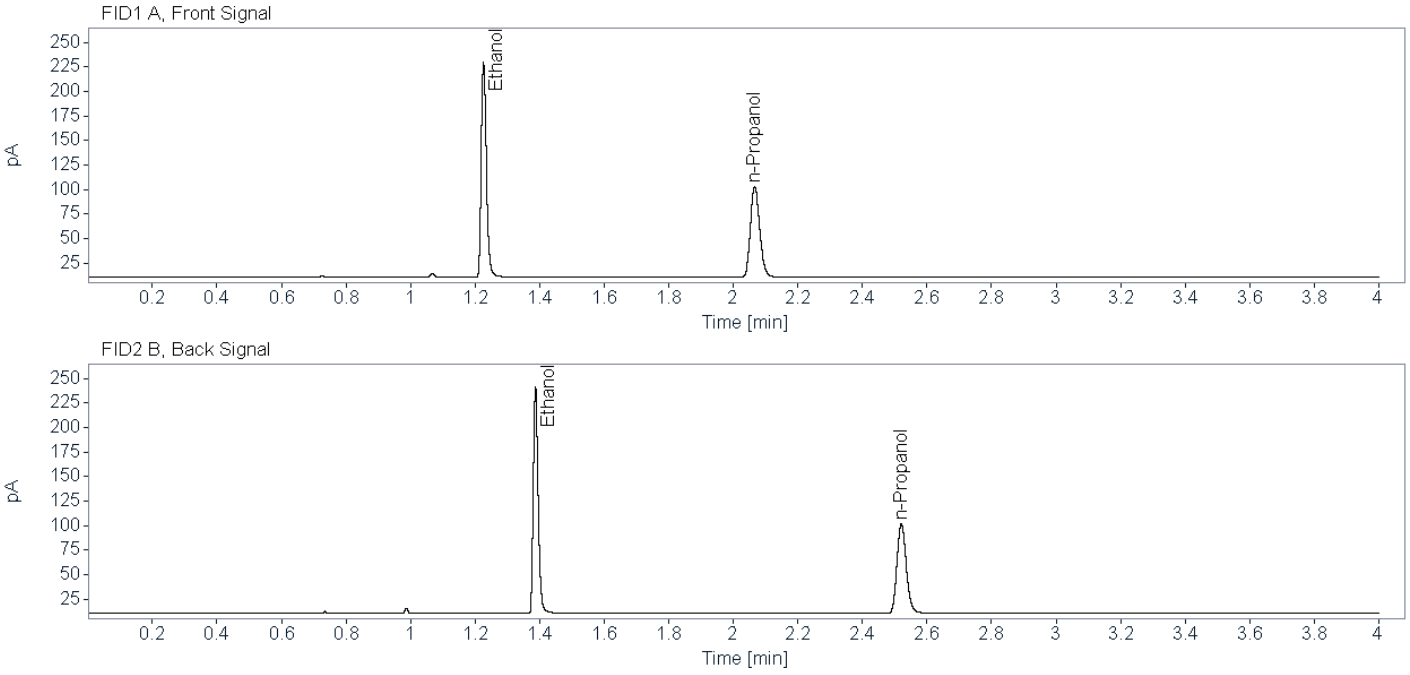
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76654	1.386	1.386	254.2805	0.2459
n-Propanol	0.84401	2.520	2.520	185.6062	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0131 001_001 (25-0542) **Description:** Alq 2 **Sample Barcode** 25-0542 **Vial Number:** 54

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 4:09:02 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76576	1.226	1.225	245.4090	0.2377
n-Propanol	0.81593	2.067	2.066	186.0182	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75937	1.387	1.386	243.2243	0.2377
n-Propanol	0.84113	2.521	2.520	183.7562	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0416 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1759	Aliquot 1:	0.1752
	Aliquot 2:	0.1753	Aliquot 2:	0.1757

Reported Result: 0.175 g/100 mL

Reported UM: 0.028 g/100 mL

Comments:

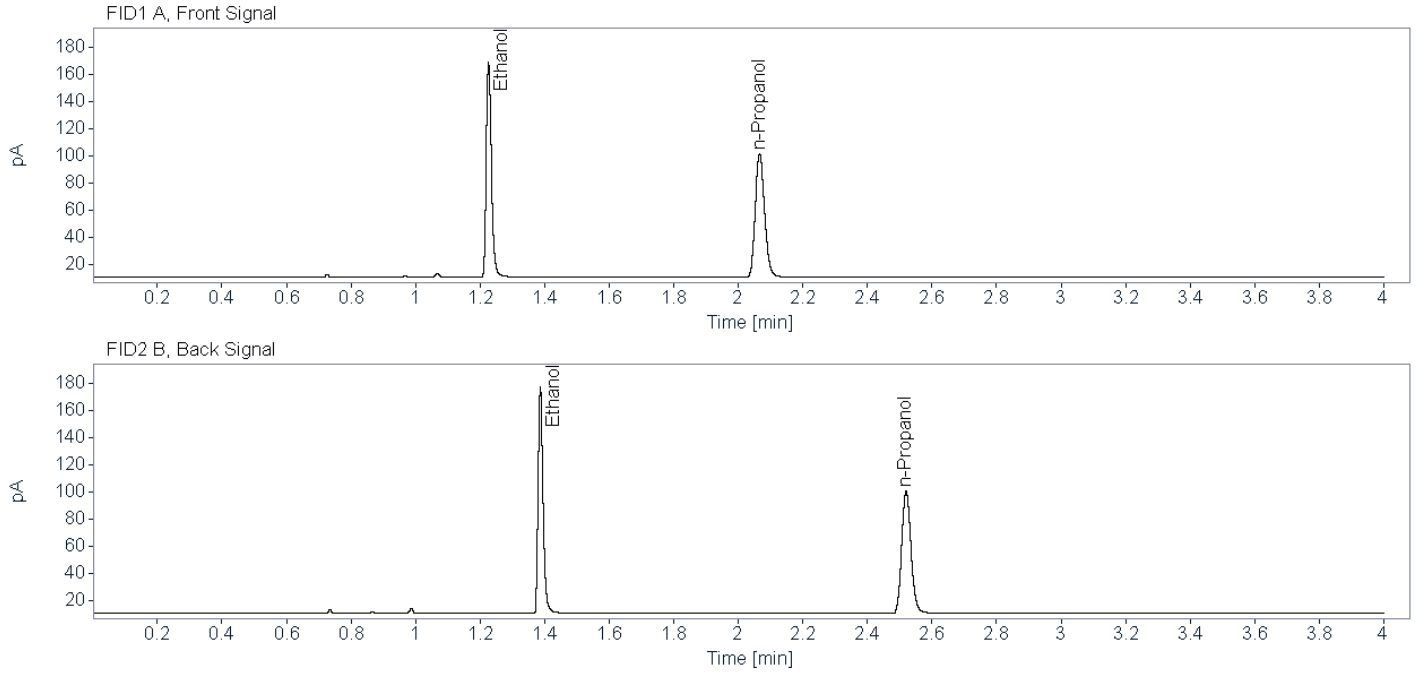
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0416 001_001 (25-0501) **Description:** Alq 1 **Sample Barcode** 25-0501 **Vial Number:** 13

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 12:35:35 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\013F1301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75398	1.226	1.225	178.7251	0.1759
n-Propanol	0.81722	2.066	2.066	183.3074	0.0100

Name FID2B

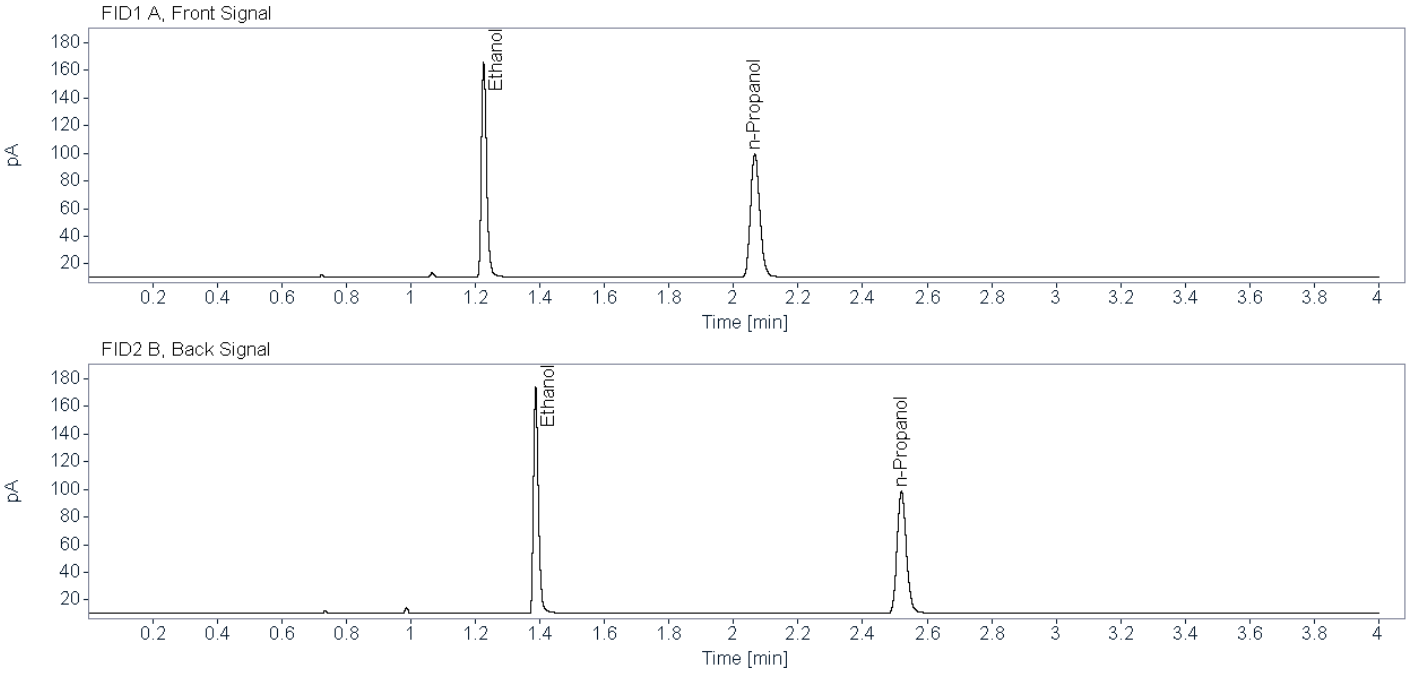
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73060	1.387	1.386	176.6611	0.1752
n-Propanol	0.83653	2.520	2.520	181.3775	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0416 001_001 (25-0541) **Description:** Alq 2 **Sample Barcode** 25-0541 **Vial Number:** 53

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 4:04:18 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74170	1.226	1.225	173.5965	0.1753
n-Propanol	0.81456	2.066	2.066	178.7313	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74775	1.387	1.386	172.5334	0.1757
n-Propanol	0.83916	2.520	2.520	176.6425	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0419 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1743	Aliquot 1:	0.1744
	Aliquot 2:	0.1757	Aliquot 2:	0.1757

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

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

Comments:

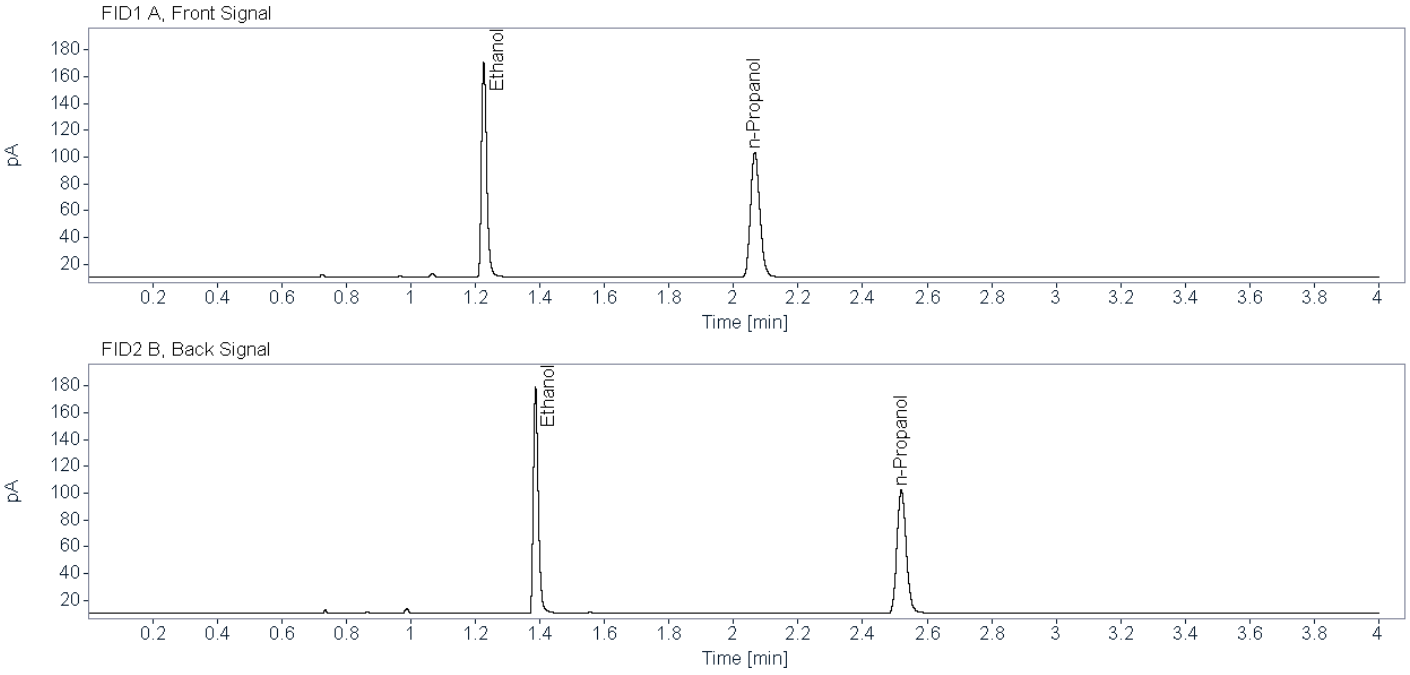
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0419 001_001 (25-0502) **Description:** Alq 1 **Sample Barcode** 25-0502 **Vial Number:** 14

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 12:40:18 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74836	1.226	1.225	180.4501	0.1743
n-Propanol	0.82058	2.066	2.066	186.8443	0.0100

Name FID2B

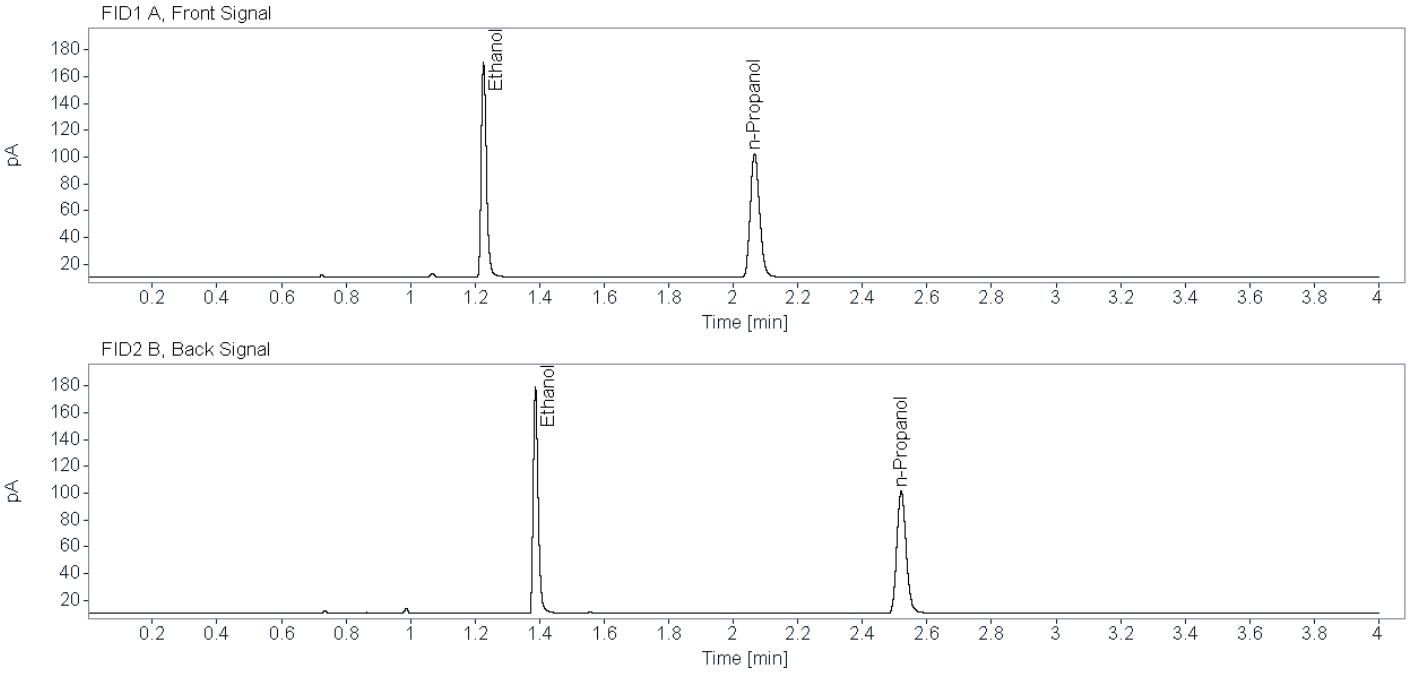
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74425	1.387	1.386	179.1252	0.1744
n-Propanol	0.84173	2.520	2.520	184.7617	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0419 001_001 (25-0540) **Description:** Alq 2 **Sample Barcode** 25-0540 **Vial Number:** 52

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 3:58:38 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75085	1.226	1.225	179.9778	0.1757
n-Propanol	0.81278	2.066	2.066	184.8664	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73219	1.387	1.386	178.4276	0.1757
n-Propanol	0.83661	2.520	2.520	182.6967	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0420 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0871	Aliquot 1:	0.0873
	Aliquot 2:	0.0862	Aliquot 2:	0.0865

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

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

Comments:

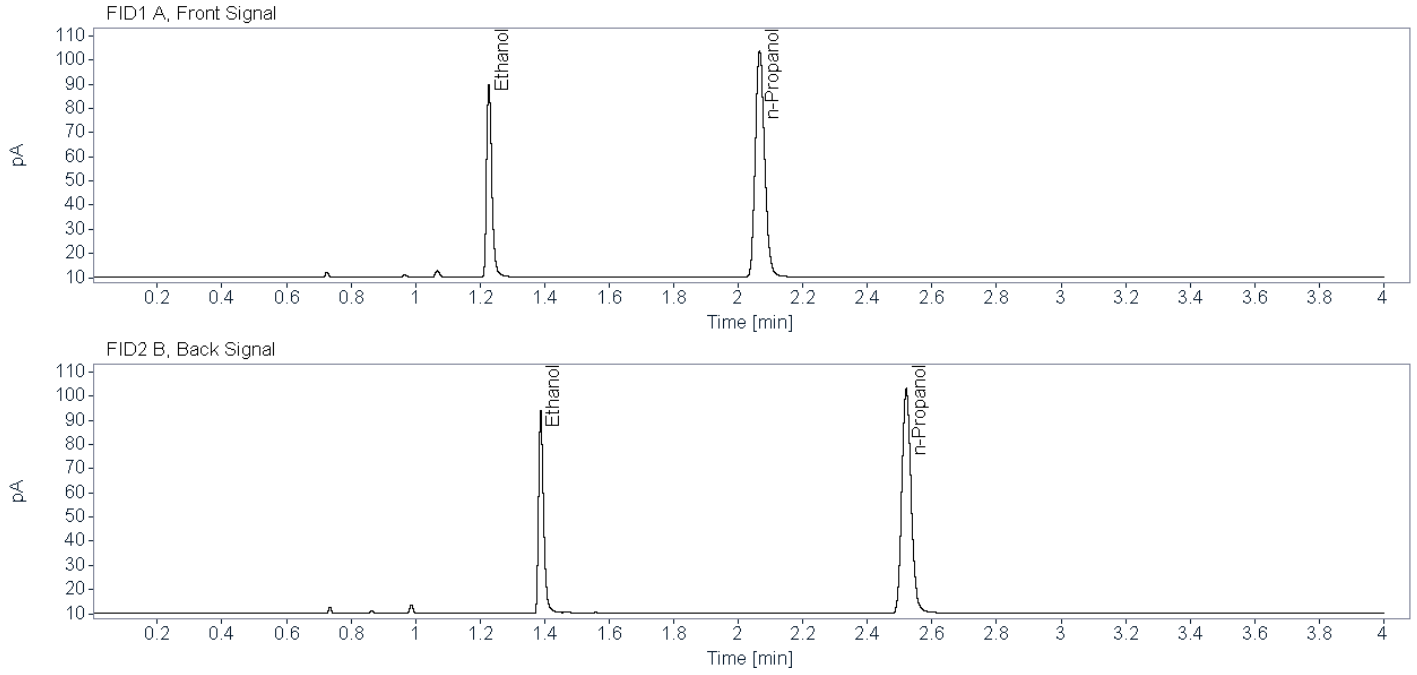
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0420 001_001 (25-0503) **Description:** Alq 1 **Sample Barcode** 25-0503 **Vial Number:** 15

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 12:45:59 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\015F1501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72633	1.227	1.225	90.1953	0.0871
n-Propanol	0.81958	2.066	2.066	188.0044	0.0100

Name FID2B

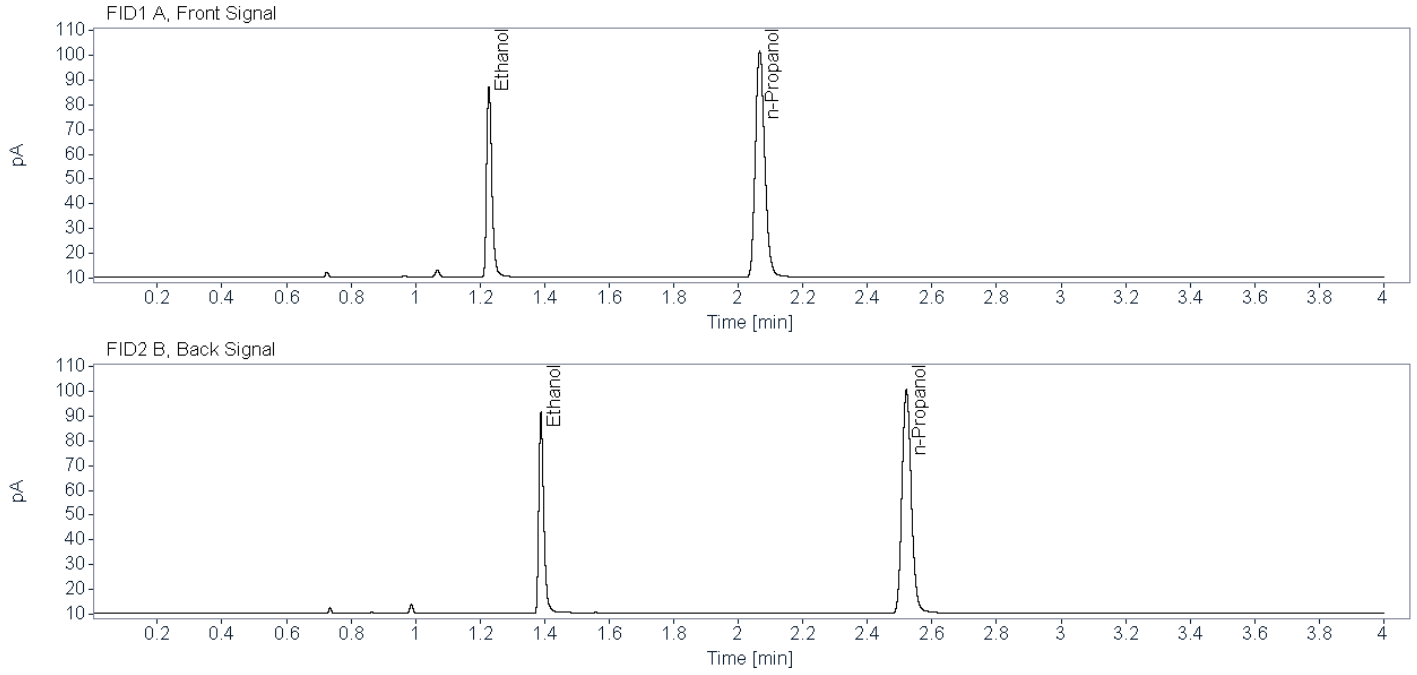
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71376	1.388	1.386	89.6687	0.0873
n-Propanol	0.84110	2.520	2.520	186.0585	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0420 001_001 (25-0539) **Description:** Alq 2 **Sample Barcode** 25-0539 **Vial Number:** 51

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 3:53:54 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72679	1.228	1.225	87.2970	0.0862
n-Propanol	0.81315	2.066	2.066	183.8547	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70013	1.389	1.386	86.7655	0.0865
n-Propanol	0.84019	2.521	2.520	181.6775	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0426 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1328	Aliquot 1:	0.1331
	Aliquot 2:	0.1380	Aliquot 2:	0.1383

Reported Result: **0.135** **g/100 mL**

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

Comments:

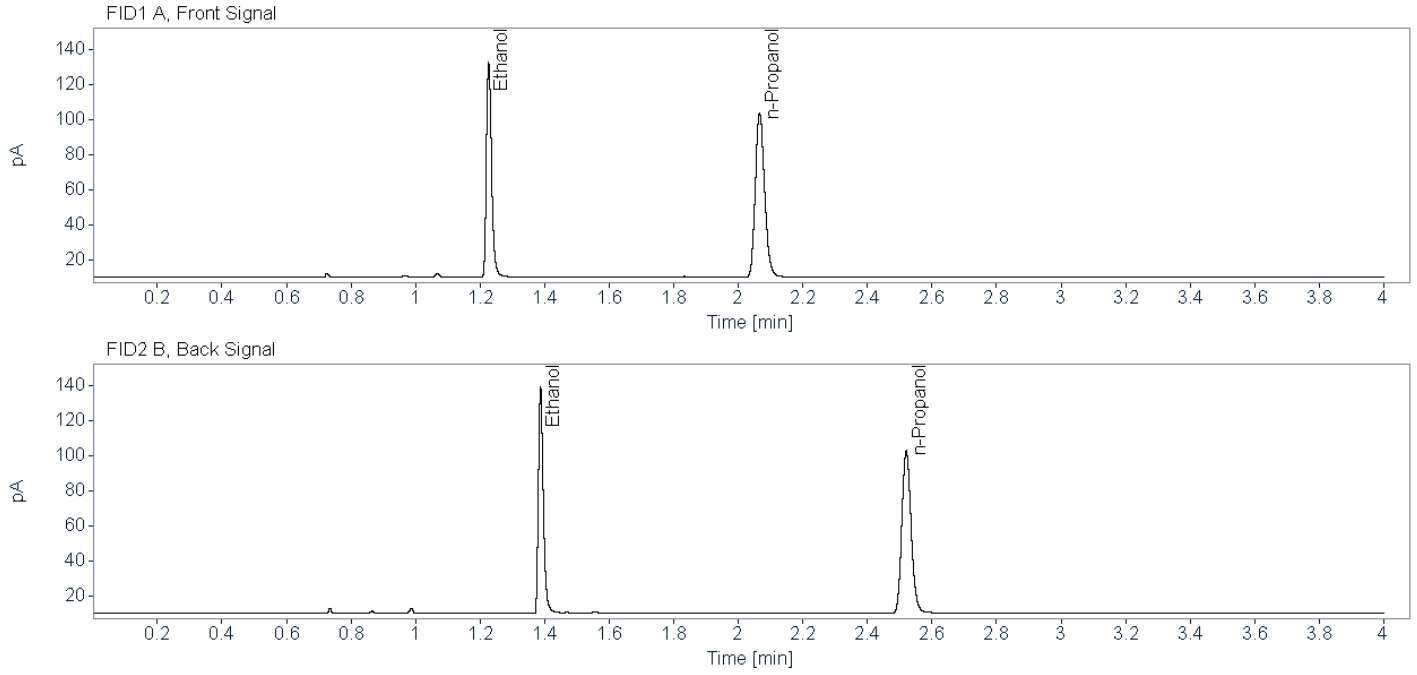
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0426 001_001 (25-0504) **Description:** Alq 1 **Sample Barcode** 25-0504 **Vial Number:** 16

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 12:50:42 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73520	1.227	1.225	137.6420	0.1328
n-Propanol	0.81600	2.066	2.066	187.3292	0.0100

Name FID2B

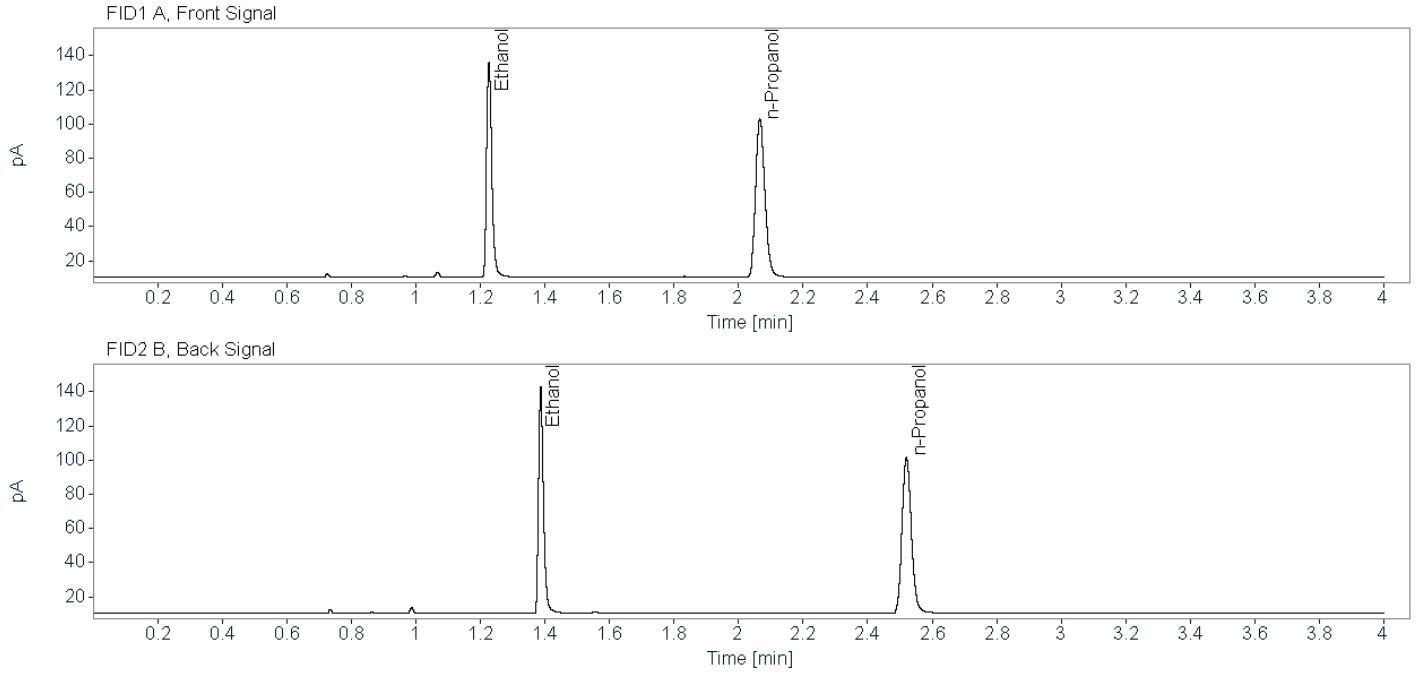
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72681	1.388	1.386	136.8479	0.1331
n-Propanol	0.84067	2.520	2.520	185.3462	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0426 001_001 (25-0538) **Description:** Alq 2 **Sample Barcode** 25-0538 **Vial Number:** 50

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 3:48:14 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73942	1.227	1.225	141.9985	0.1380
n-Propanol	0.81720	2.066	2.066	185.9392	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73351	1.387	1.386	141.0840	0.1383
n-Propanol	0.84232	2.520	2.520	183.7729	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0428 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1344	Aliquot 1:	0.1348
	Aliquot 2:	0.1395	Aliquot 2:	0.1395

Reported Result: 0.137 g/100 mL

Reported UM: 0.022 g/100 mL

Comments:

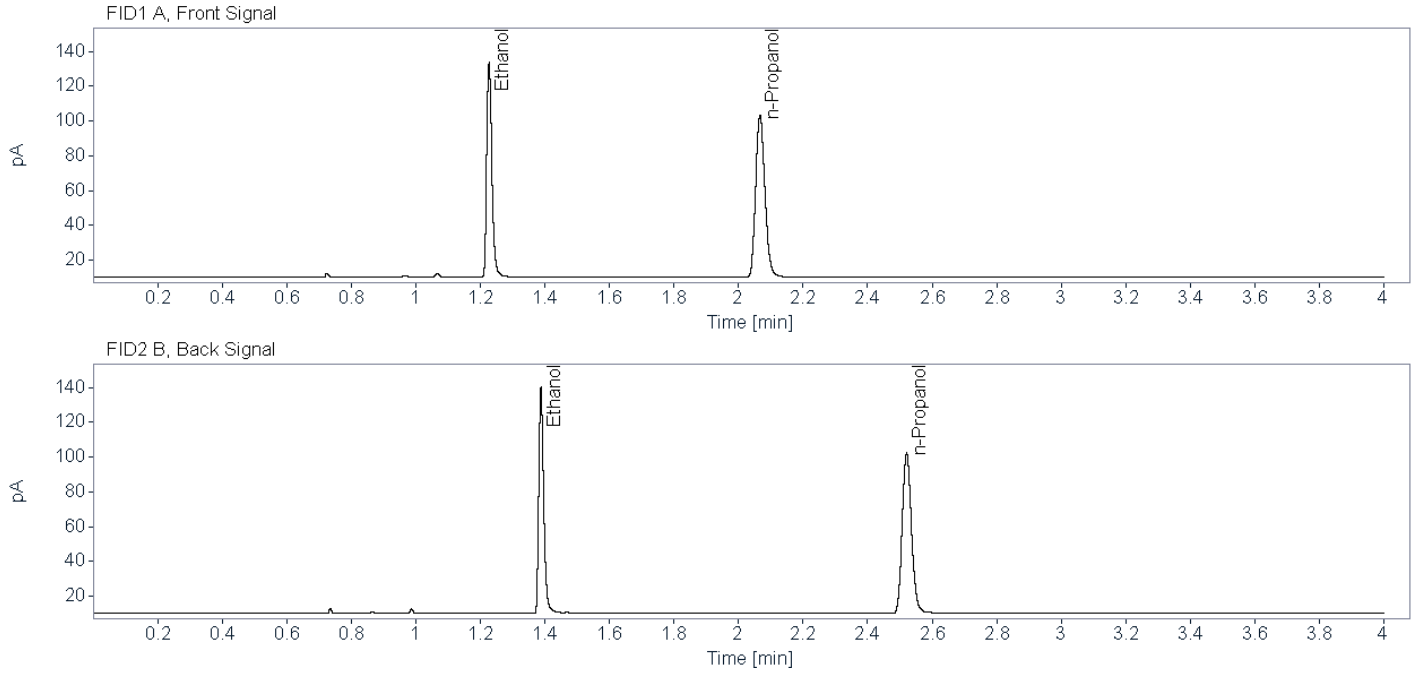
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0428 001_001 (25-0505) **Description:** Alq 1 **Sample Barcode** 25-0505 **Vial Number:** 17

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 12:56:24 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\017F1701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75248	1.227	1.225	138.5171	0.1344
n-Propanol	0.82159	2.066	2.066	186.2607	0.0100

Name FID2B

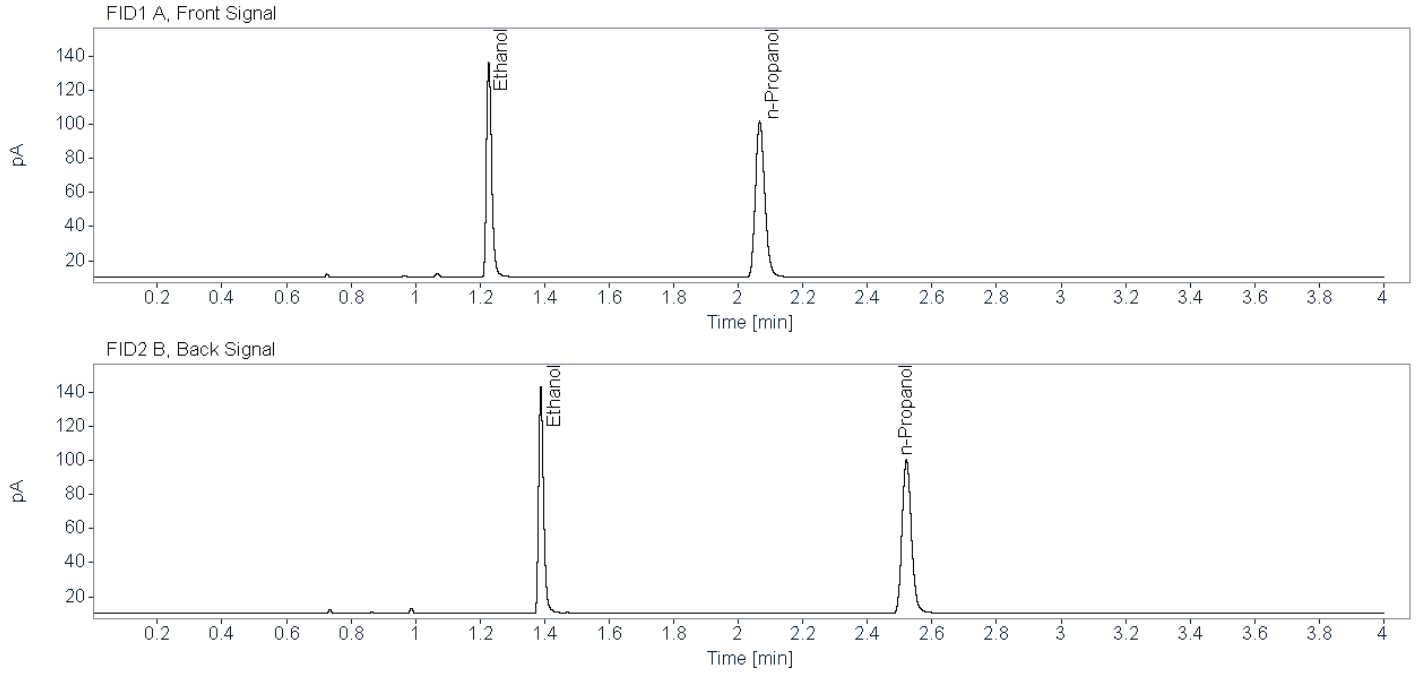
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72609	1.388	1.386	137.7613	0.1348
n-Propanol	0.84901	2.521	2.520	184.2480	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0428 001_001 (25-0537) **Description:** Alq 2 **Sample Barcode** 25-0537 **Vial Number:** 49

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 3:43:30 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73650	1.227	1.225	141.4529	0.1395
n-Propanol	0.81370	2.067	2.066	183.2260	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72442	1.388	1.386	140.1651	0.1395
n-Propanol	0.84101	2.521	2.520	181.0319	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0429 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1692	Aliquot 1:	0.1686
	Aliquot 2:	0.1724	Aliquot 2:	0.1727

Reported Result: 0.170 g/100 mL

Reported UM: 0.027 g/100 mL

Comments:

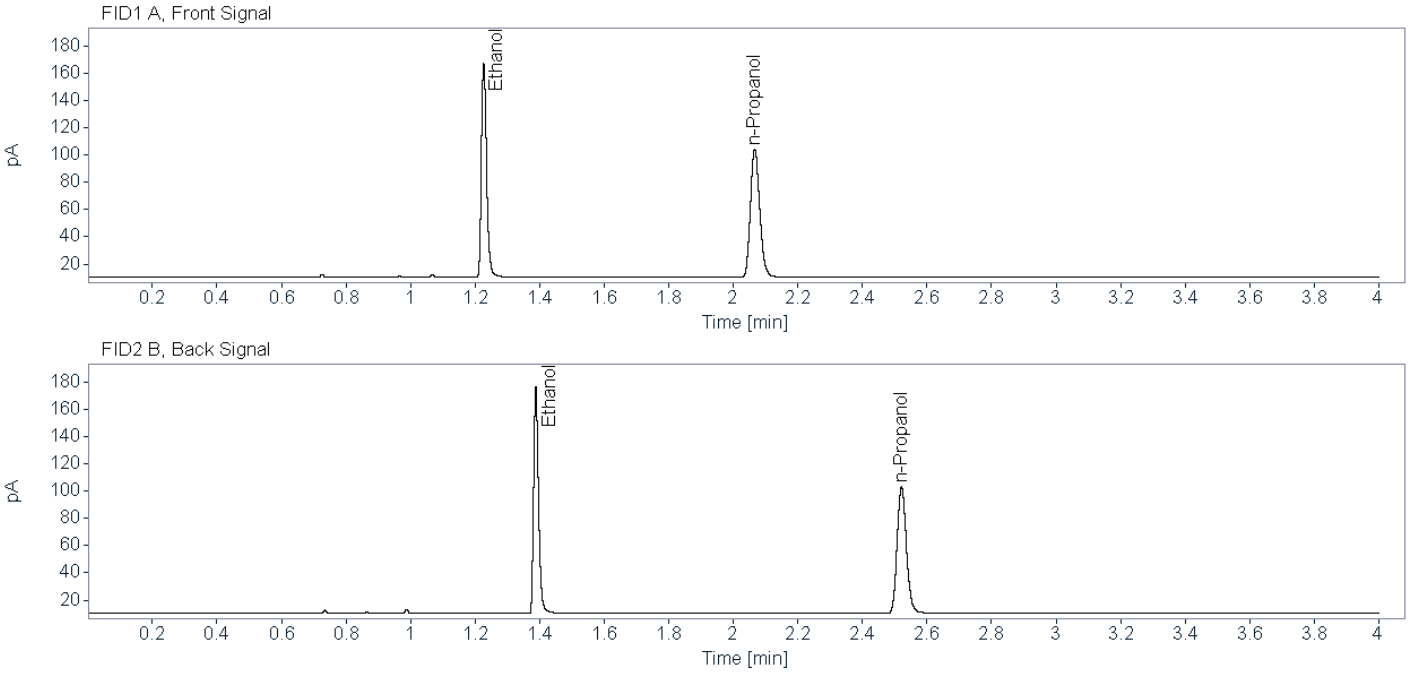
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0429 001_001 (25-0506) **Description:** Alq 1 **Sample Barcode** 25-0506 **Vial Number:** 18

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 1:01:06 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74767	1.227	1.225	176.3688	0.1692
n-Propanol	0.81833	2.067	2.066	188.1371	0.0100

Name FID2B

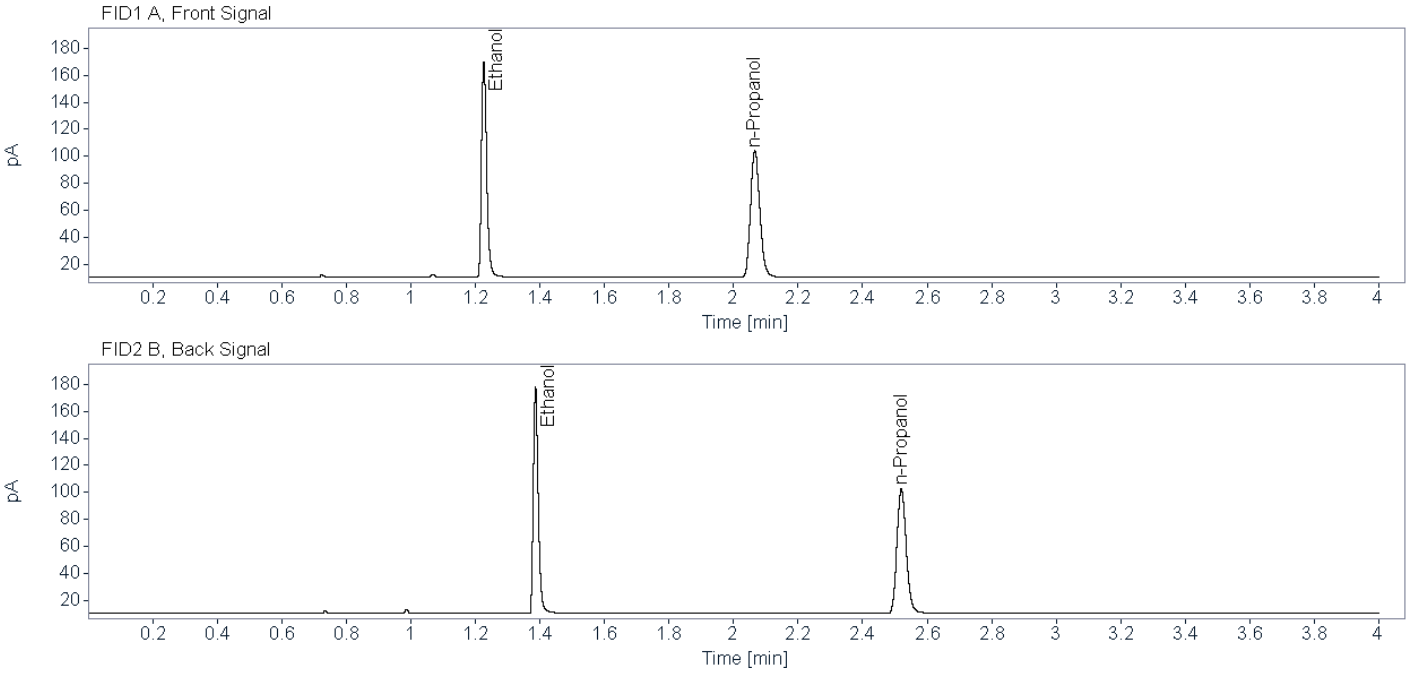
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74178	1.388	1.386	174.5533	0.1686
n-Propanol	0.84565	2.521	2.520	186.2313	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0429 001_001 (25-0536) **Description:** Alq 2 **Sample Barcode** 25-0536 **Vial Number:** 48

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 3:37:50 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74260	1.226	1.225	179.3223	0.1724
n-Propanol	0.81786	2.066	2.066	187.7184	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73601	1.387	1.386	178.0467	0.1727
n-Propanol	0.83919	2.520	2.520	185.4789	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0430 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0878	Aliquot 1:	0.0882
	Aliquot 2:	0.0845	Aliquot 2:	0.0851

Reported Result: 0.086 g/100 mL

Reported UM: 0.014 g/100 mL

Comments:

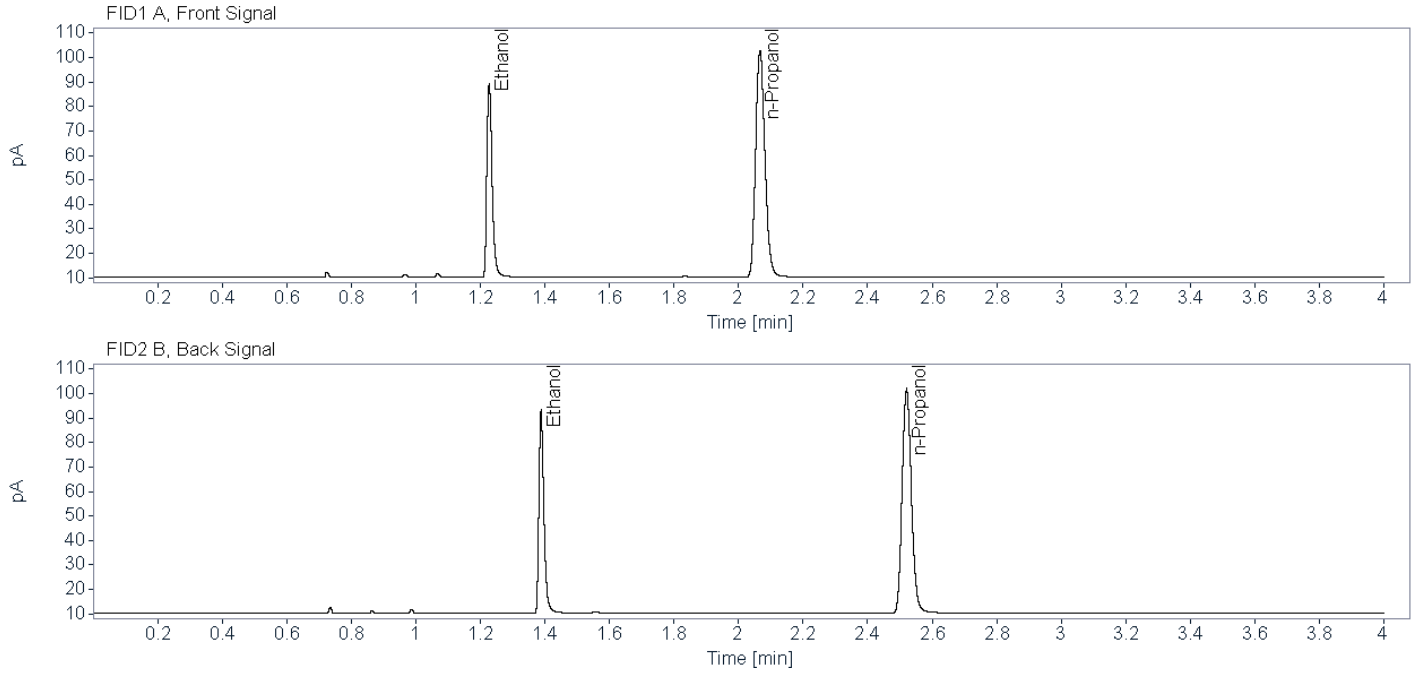
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0430 001_001 (25-0507) **Description:** Alq 1 **Sample Barcode** 25-0507 **Vial Number:** 19

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 1:06:47 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72148	1.227	1.225	89.6717	0.0878
n-Propanol	0.82450	2.066	2.066	185.3448	0.0100

Name FID2B

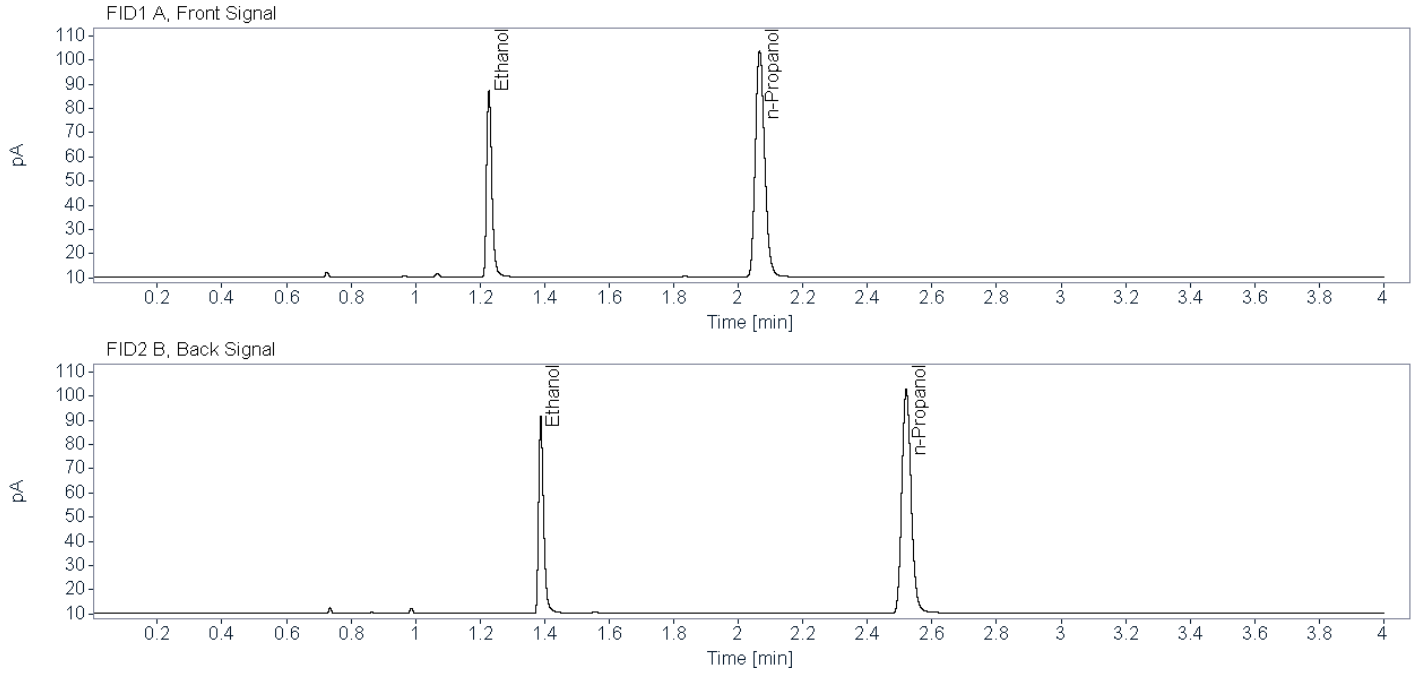
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70061	1.388	1.386	89.2430	0.0882
n-Propanol	0.84648	2.521	2.520	183.3033	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0430 001_001 (25-0535) **Description:** Alq 2 **Sample Barcode** 25-0535 **Vial Number:** 47

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 3:33:06 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72322	1.227	1.225	87.3517	0.0845
n-Propanol	0.81410	2.066	2.066	187.6678	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70951	1.388	1.386	87.1089	0.0851
n-Propanol	0.83581	2.520	2.520	185.4515	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0457 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0768	Aliquot 1:	0.0771
	Aliquot 2:	0.0797	Aliquot 2:	0.0799

Reported Result: 0.078 g/100 mL

Reported UM: 0.013 g/100 mL

Comments:

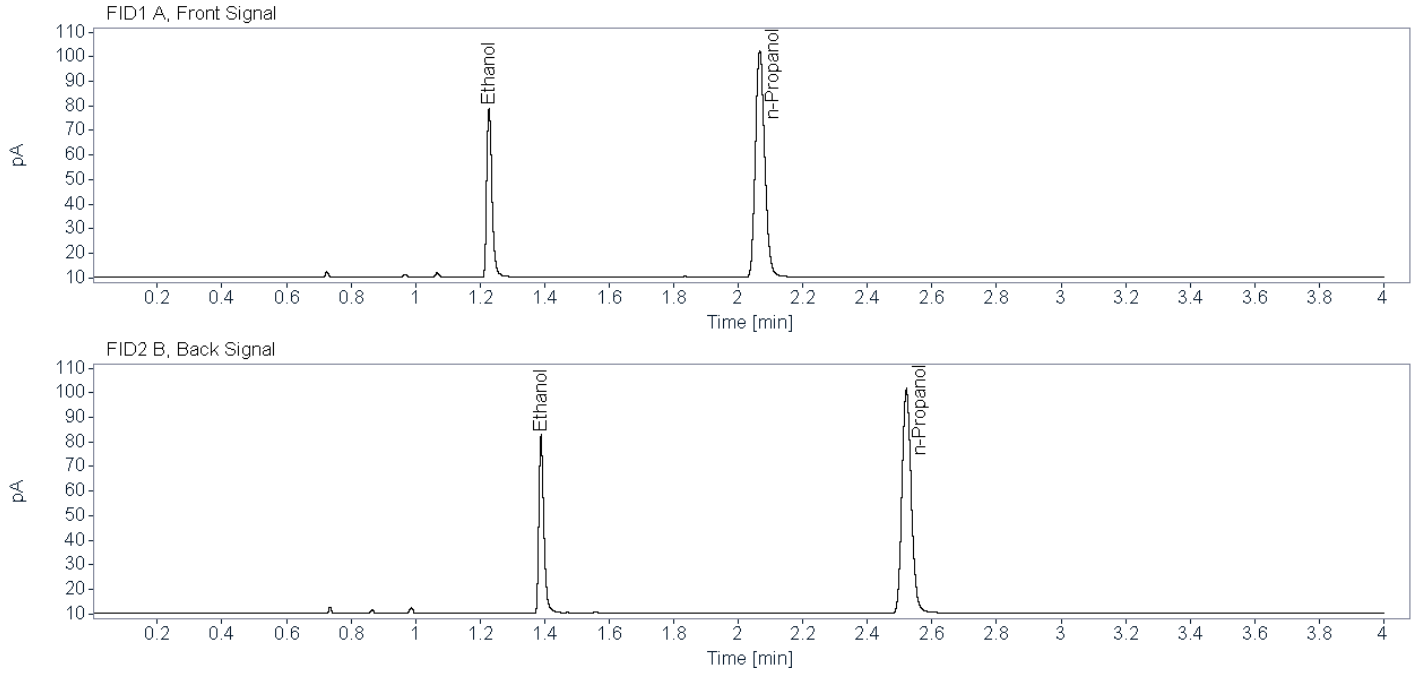
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0457 001_001 (25-0508) **Description:** Alq 1 **Sample Barcode** 25-0508 **Vial Number:** 20

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 1:11:30 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\020F2001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72855	1.228	1.225	78.0582	0.0768
n-Propanol	0.81921	2.067	2.066	184.6613	0.0100

Name FID2B

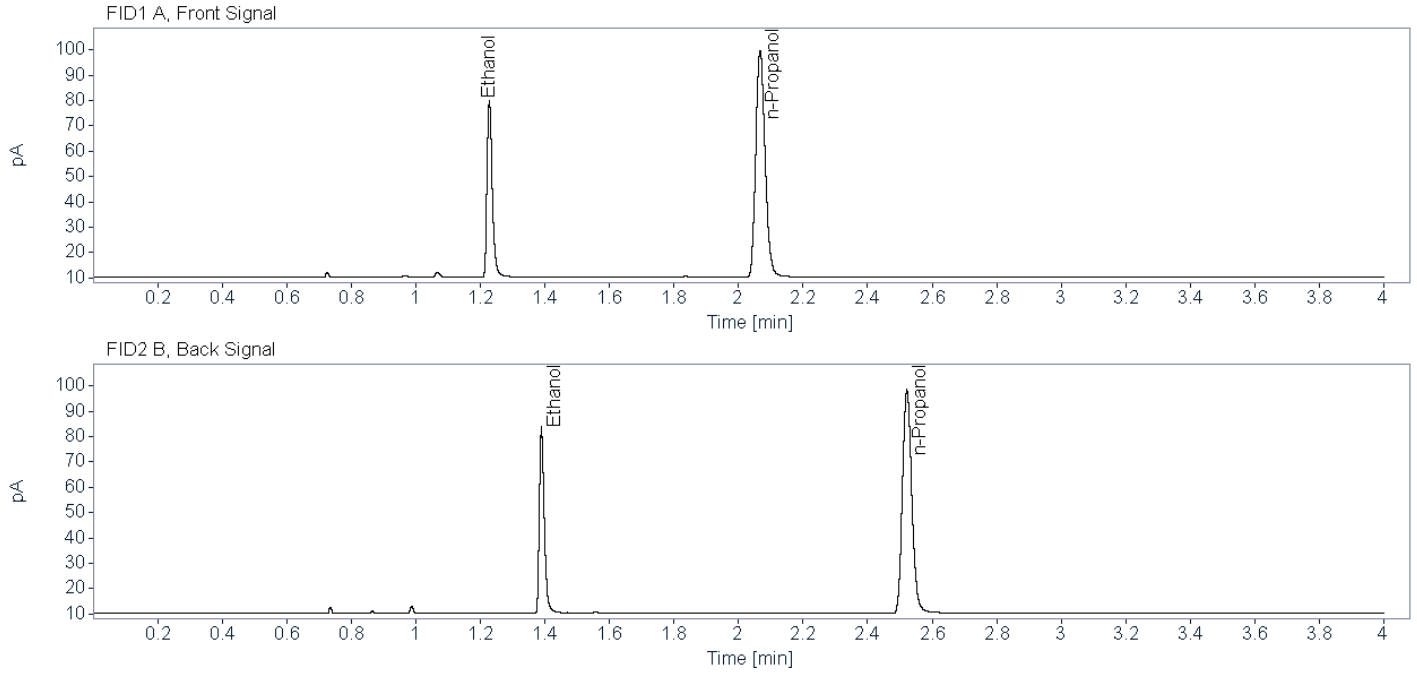
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69695	1.389	1.386	77.5838	0.0771
n-Propanol	0.83653	2.521	2.520	182.6658	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0457 001_001 (25-0534) **Description:** Alq 2 **Sample Barcode** 25-0534 **Vial Number:** 46

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 3:27:25 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72185	1.228	1.225	78.7937	0.0797
n-Propanol	0.82213	2.067	2.066	179.5121	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68536	1.389	1.386	78.3376	0.0799
n-Propanol	0.83687	2.522	2.520	177.8518	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0461 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1808	Aliquot 1:	0.1809
	Aliquot 2:	0.1809	Aliquot 2:	0.1814

Reported Result: 0.181 g/100 mL

Reported UM: 0.029 g/100 mL

Comments:

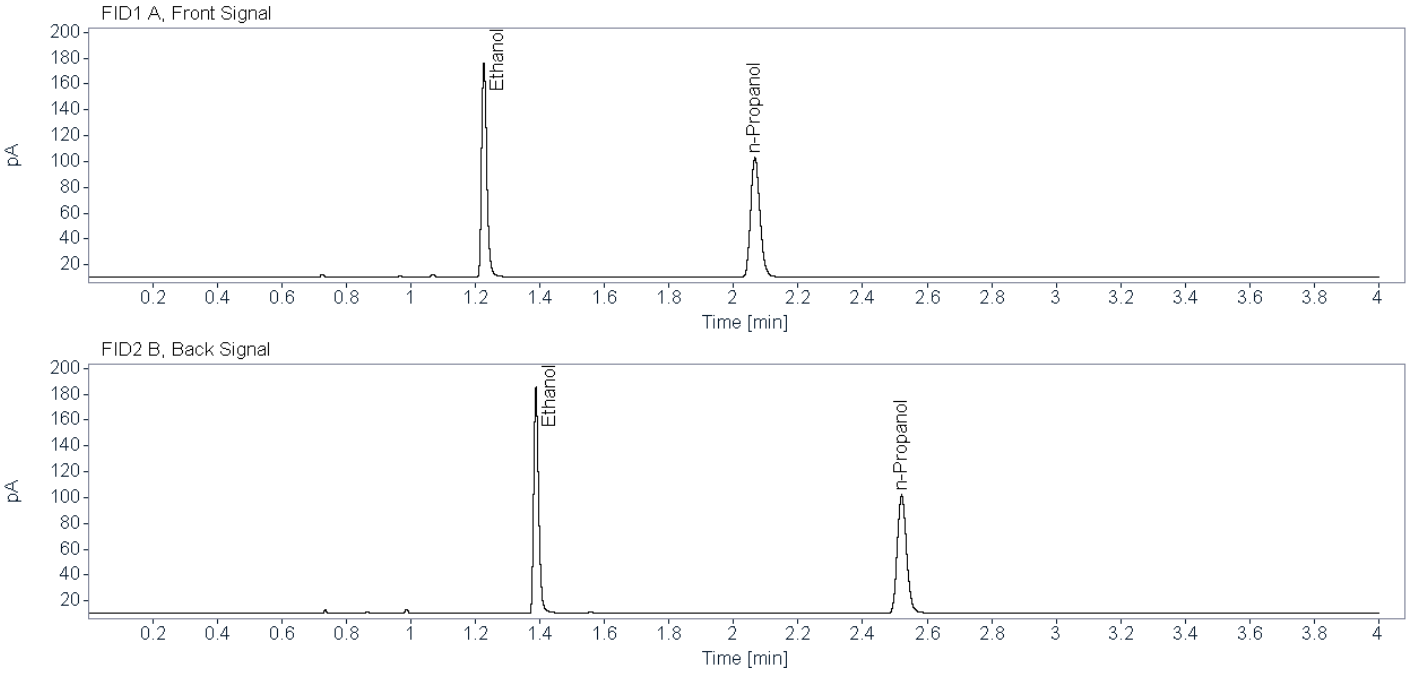
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0461 001_001 (25-0509) **Description:** Alq 1 **Sample Barcode** 25-0509 **Vial Number:** 21

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 1:17:13 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75835	1.227	1.225	185.8217	0.1808
n-Propanol	0.82186	2.067	2.066	185.4383	0.0100

Name FID2B

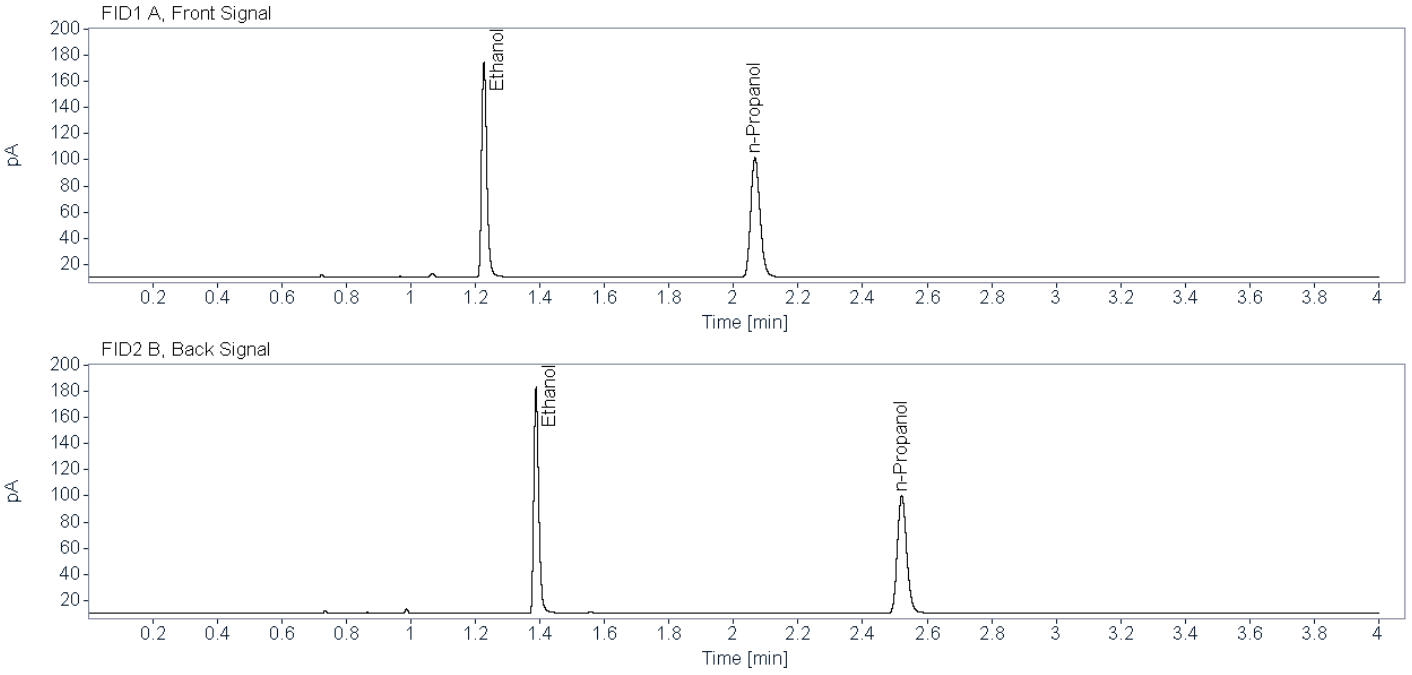
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74267	1.388	1.386	184.6509	0.1809
n-Propanol	0.85023	2.521	2.520	183.5314	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0461 001_001 (25-0533) **Description:** Alq 2 **Sample Barcode** 25-0533 **Vial Number:** 45

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 3:22:42 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75992	1.227	1.225	183.2988	0.1809
n-Propanol	0.82114	2.067	2.066	182.8075	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74170	1.388	1.386	182.4802	0.1814
n-Propanol	0.84296	2.521	2.520	180.8977	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0462 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1266	Aliquot 1:	0.1270
	Aliquot 2:	0.1320	Aliquot 2:	0.1326

Reported Result: 0.129 g/100 mL

Reported UM: 0.021 g/100 mL

Comments:

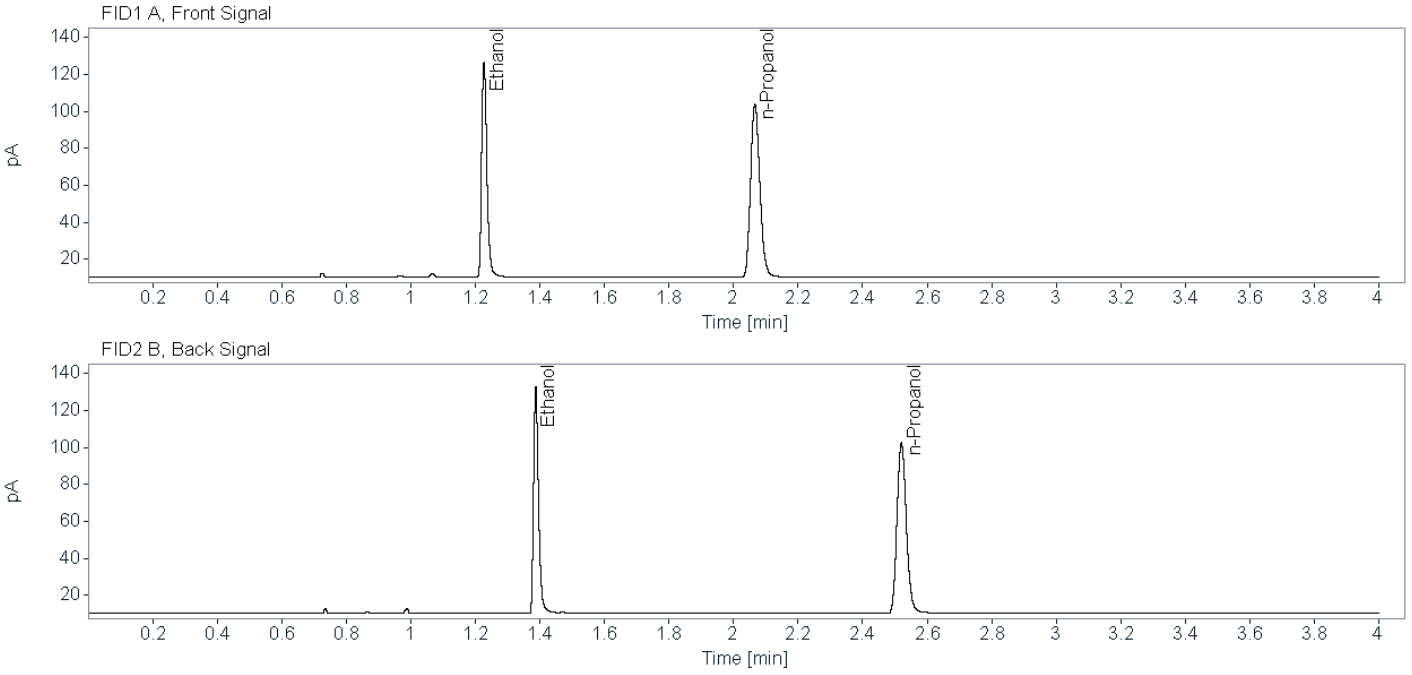
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0462 001_001 (25-0511) **Description:** Alq 1 **Sample Barcode** 25-0511 **Vial Number:** 23

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 1:27:35 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74512	1.227	1.225	131.2155	0.1266
n-Propanol	0.82061	2.066	2.066	187.4475	0.0100

Name FID2B

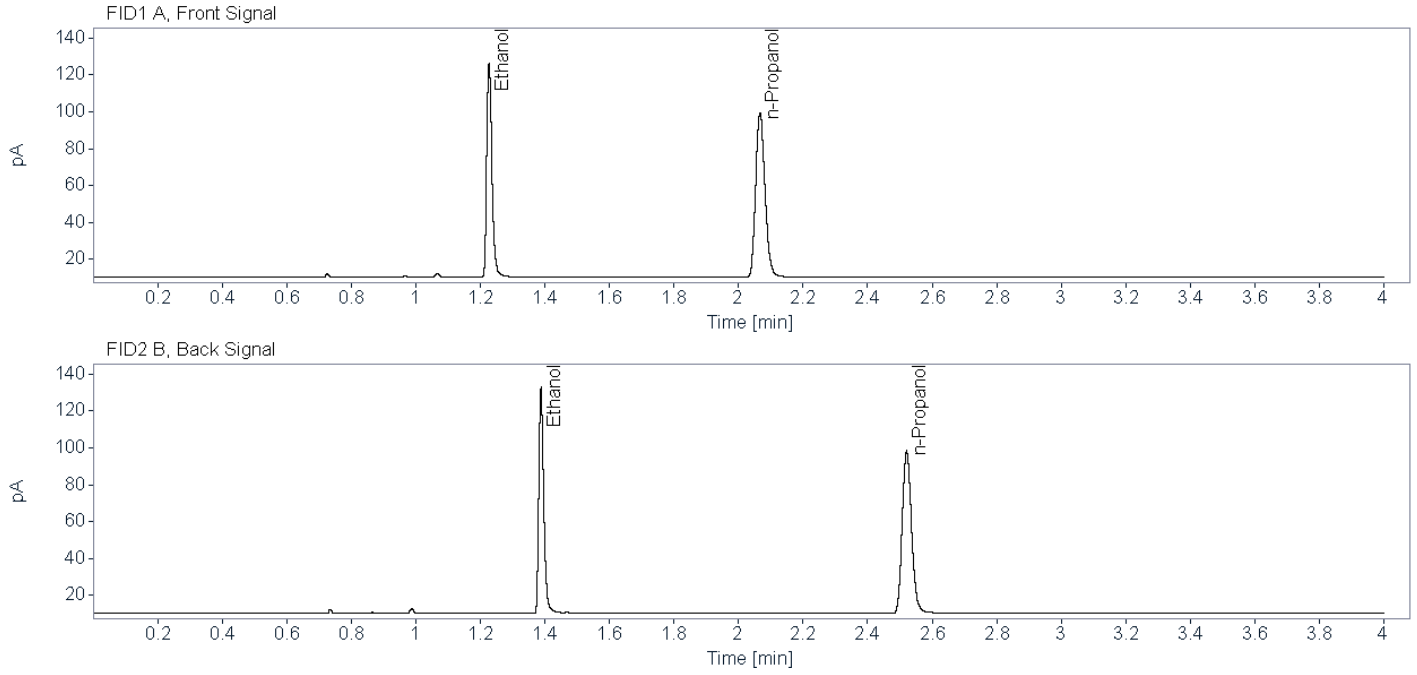
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73220	1.387	1.386	130.5506	0.1270
n-Propanol	0.84409	2.520	2.520	185.3509	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0462 001_001 (25-0531) **Description:** Alq 2 **Sample Barcode** 25-0531 **Vial Number:** 43

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 3:12:18 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74740	1.227	1.225	130.7039	0.1320
n-Propanol	0.81655	2.067	2.066	178.9299	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71886	1.388	1.386	130.1049	0.1326
n-Propanol	0.84332	2.521	2.520	176.8674	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0463 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0980	Aliquot 1:	0.0980
	Aliquot 2:	0.0958	Aliquot 2:	0.0961

Reported Result: **0.096** **g/100 mL**

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

Comments:

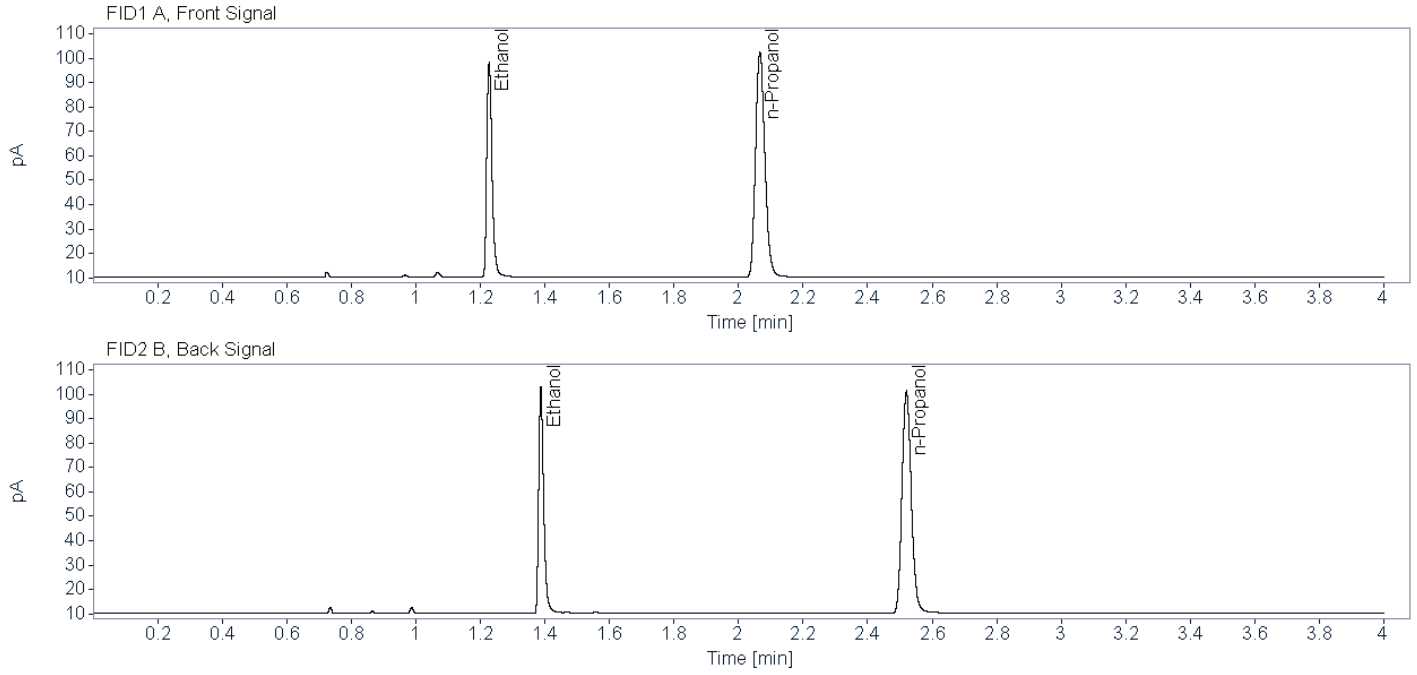
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0463 001_001 (25-0512) **Description:** Alq 1 **Sample Barcode** 25-0512 **Vial Number:** 24

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 1:32:18 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72045	1.227	1.225	99.8910	0.0980
n-Propanol	0.81991	2.066	2.066	184.6707	0.0100

Name FID2B

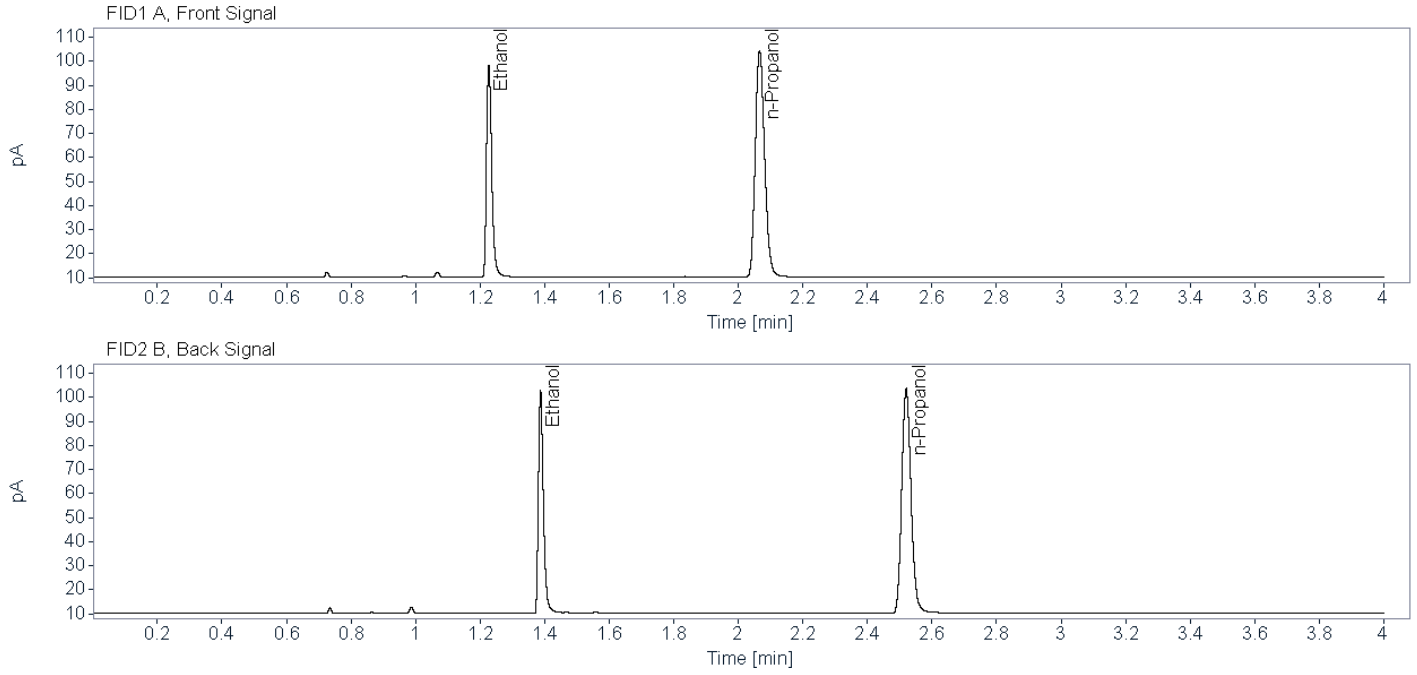
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70347	1.388	1.386	98.9126	0.0980
n-Propanol	0.84211	2.520	2.520	182.5208	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0463 001_001 (25-0530) **Description:** Alq 2 **Sample Barcode** 25-0530 **Vial Number:** 42

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 3:06:36 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71775	1.227	1.225	99.9737	0.0958
n-Propanol	0.81433	2.066	2.066	189.1376	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70783	1.388	1.386	99.3111	0.0961
n-Propanol	0.83225	2.520	2.520	186.9361	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0464 001_001

Batch Name: BAC_20250402_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:

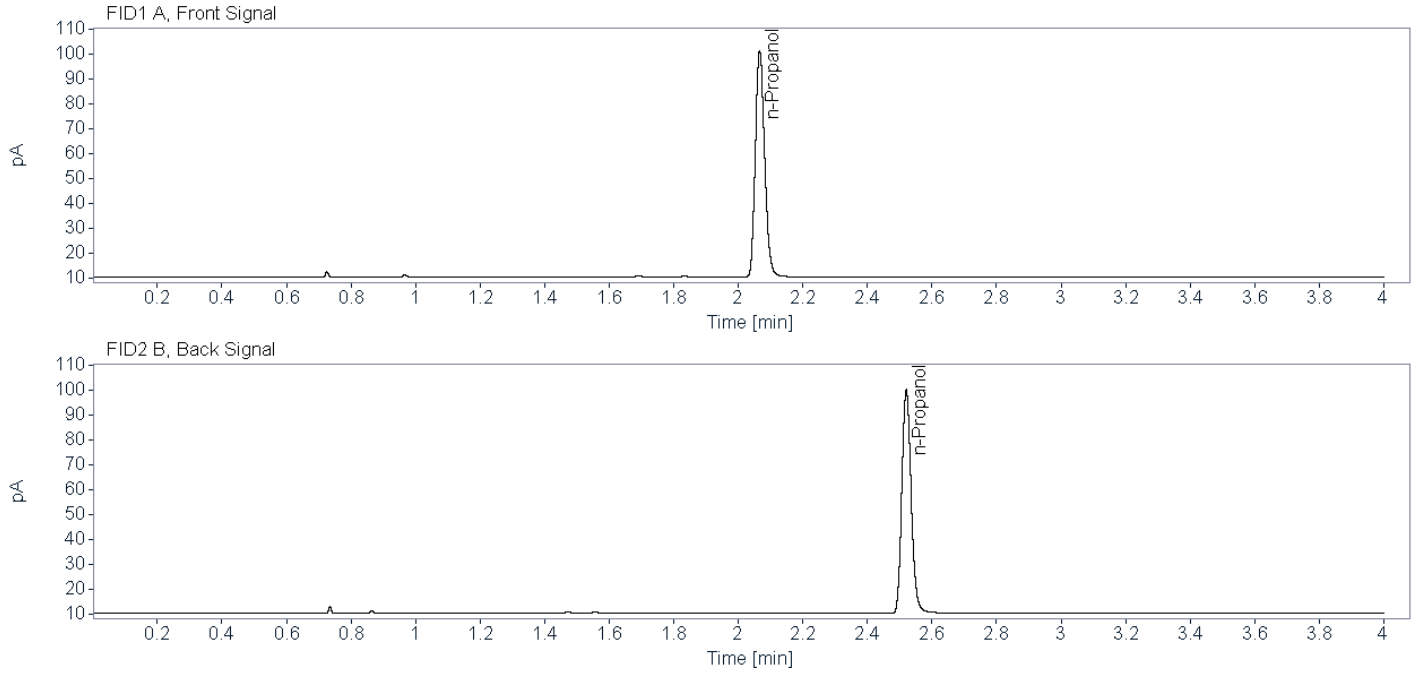
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0464 001_001 (25-0513) **Description:** Alq 1 **Sample Barcode** 25-0513 **Vial Number:** 25

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 1:37:59 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81540	2.066	2.066	182.5348	0.0100

Name FID2B

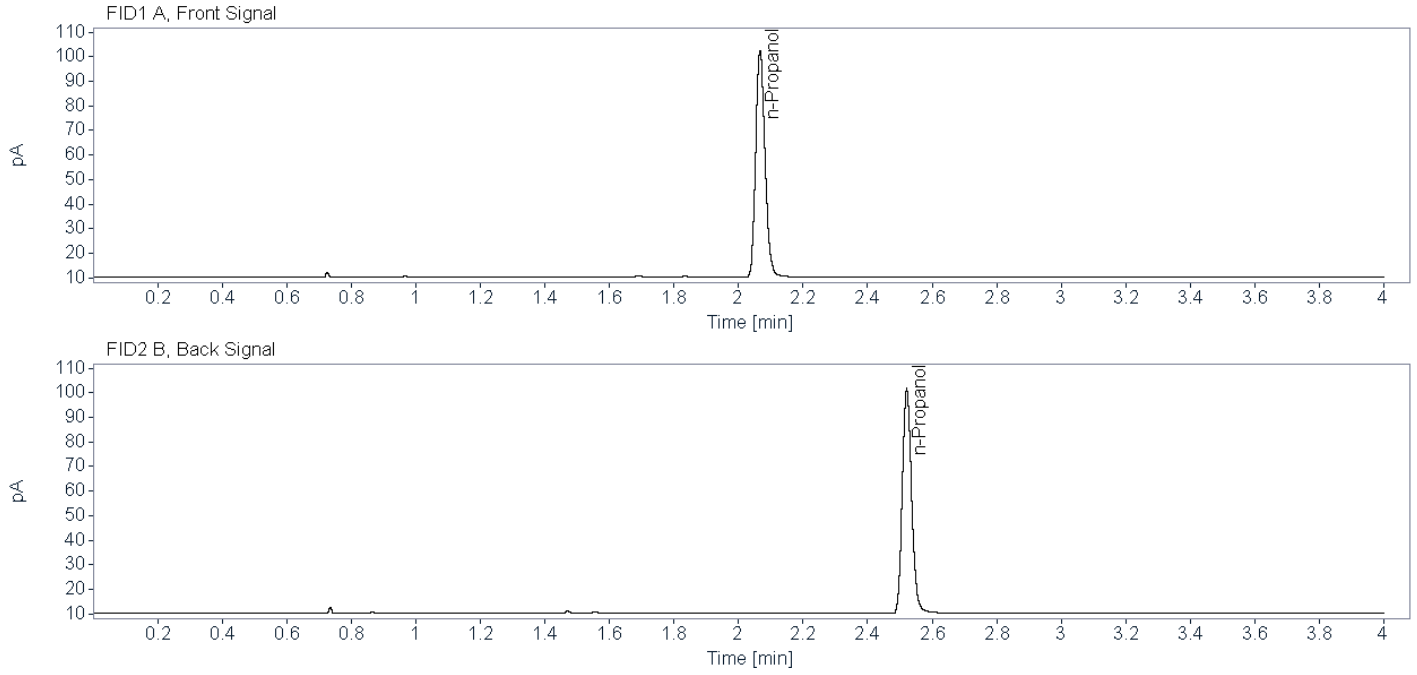
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83367	2.520	2.520	180.5957	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0464 001_001 (25-0529) **Description:** Alq 2 **Sample Barcode** 25-0529 **Vial Number:** 41

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 3:01:54 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82235	2.067	2.066	184.7356	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84452	2.521	2.520	182.6722	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0473 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0387	Aliquot 1:	0.0387
	Aliquot 2:	0.0414	Aliquot 2:	0.0417

Reported Result: **0.040** **g/100 mL**

Reported UM: **0.006** **g/100 mL**

Comments:

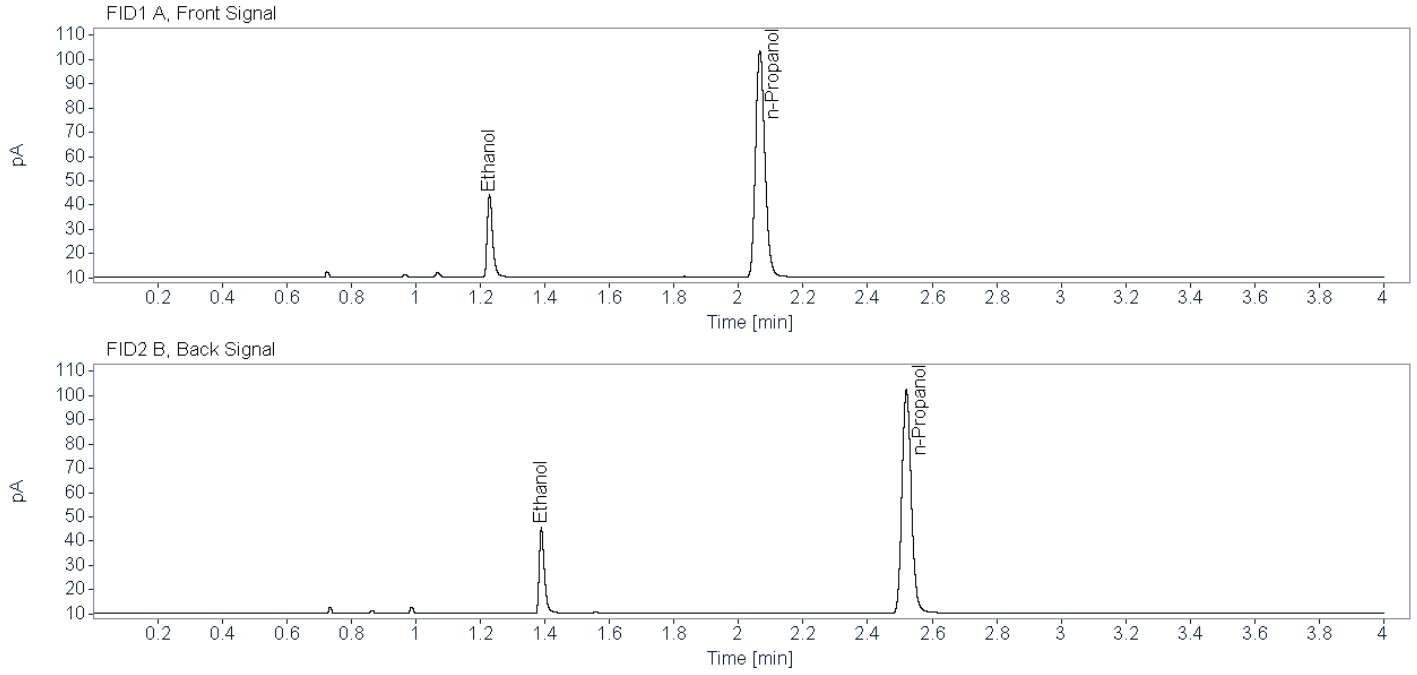
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0473 001_001 (25-0514) **Description:** Alq 1 **Sample Barcode** 25-0514 **Vial Number:** 26

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 1:42:42 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\026F2601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70202	1.229	1.225	39.3267	0.0387
n-Propanol	0.81883	2.066	2.066	187.2697	0.0100

Name FID2B

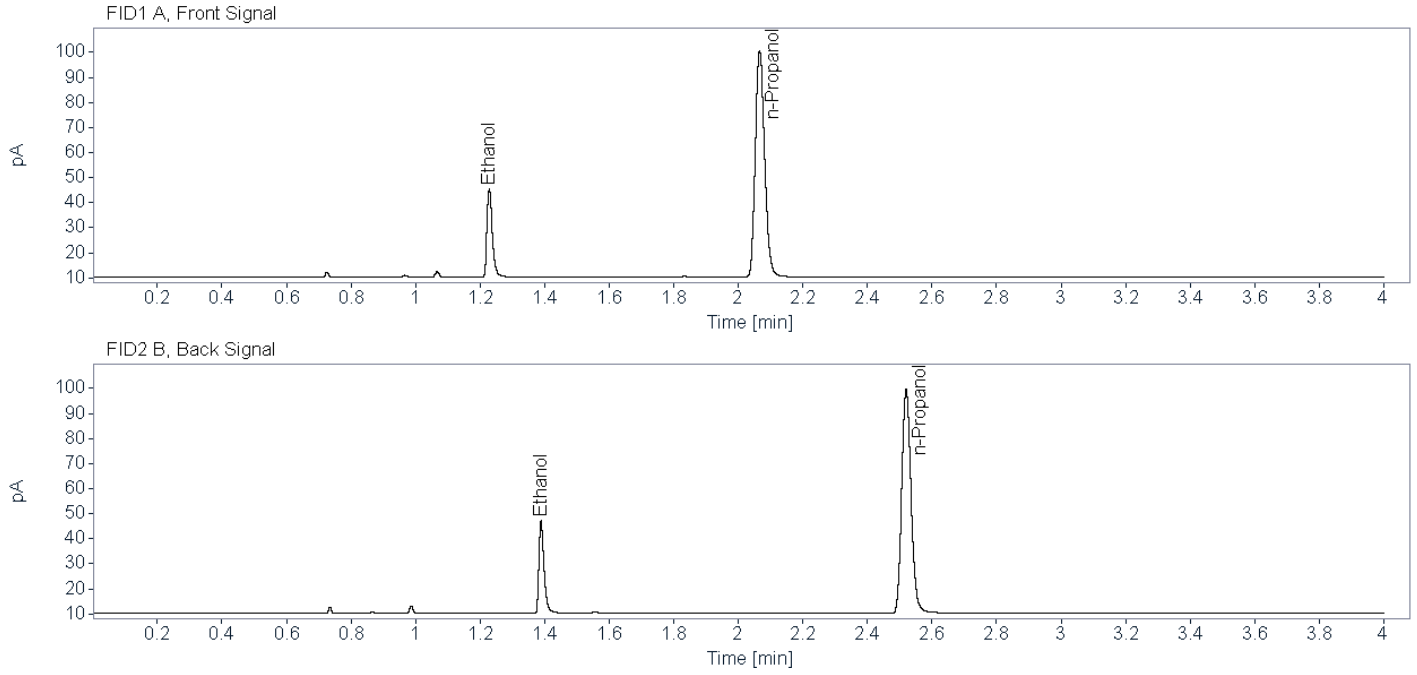
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.65225	1.389	1.386	38.8773	0.0387
n-Propanol	0.84268	2.520	2.520	185.2178	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0473 001_001 (25-0528) **Description:** Alq 2 **Sample Barcode** 25-0528 **Vial Number:** 40

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 2:56:13 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69667	1.229	1.225	40.8783	0.0414
n-Propanol	0.81188	2.066	2.066	181.4876	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.66469	1.389	1.386	40.6500	0.0417
n-Propanol	0.83517	2.520	2.520	179.4812	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0478 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0740	Aliquot 1:	0.0742
	Aliquot 2:	0.0751	Aliquot 2:	0.0755

Reported Result: **0.074** **g/100 mL**

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

Comments:

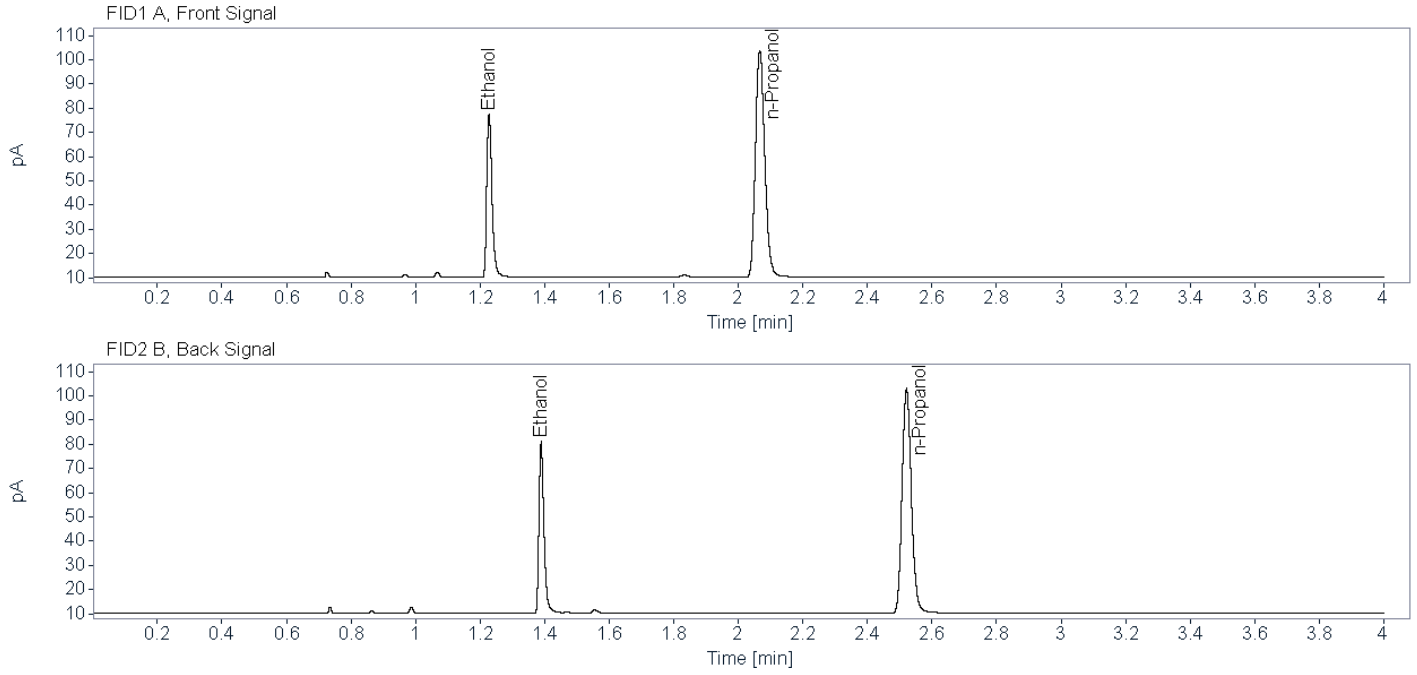
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0478 001_001 (25-0515) **Description:** Alq 1 **Sample Barcode** 25-0515 **Vial Number:** 27

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 1:48:23 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\027F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71549	1.228	1.225	76.2325	0.0740
n-Propanol	0.81756	2.067	2.066	187.3884	0.0100

Name FID2B

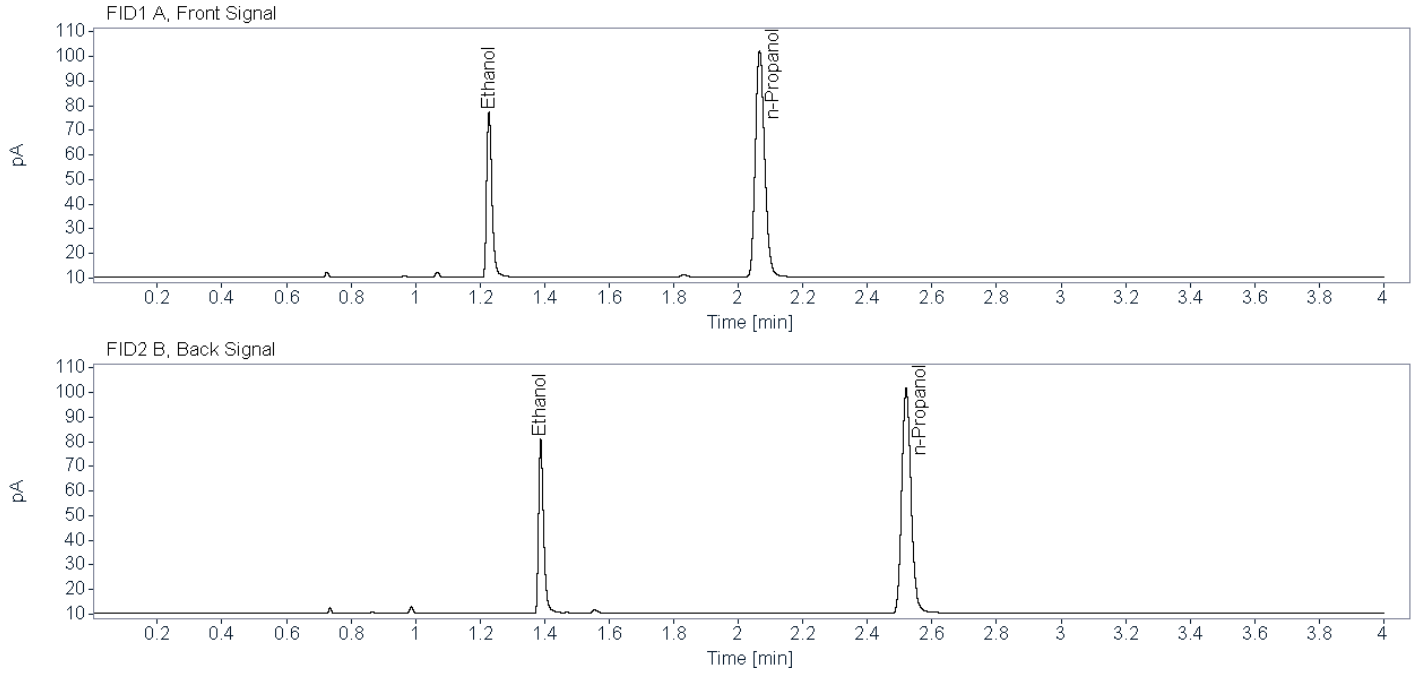
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69877	1.389	1.386	75.7581	0.0742
n-Propanol	0.84671	2.521	2.520	185.4226	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0478 001_001 (25-0527) **Description:** Alq 2 **Sample Barcode** 25-0527 **Vial Number:** 39

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 2:51:31 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72113	1.228	1.225	76.3942	0.0751
n-Propanol	0.81517	2.066	2.066	184.8257	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70262	1.388	1.386	75.9645	0.0755
n-Propanol	0.83249	2.520	2.520	182.7504	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0481 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0677	Aliquot 1:	0.0680
	Aliquot 2:	0.0725	Aliquot 2:	0.0727

Reported Result: 0.070 g/100 mL

Reported UM: 0.011 g/100 mL

Comments:

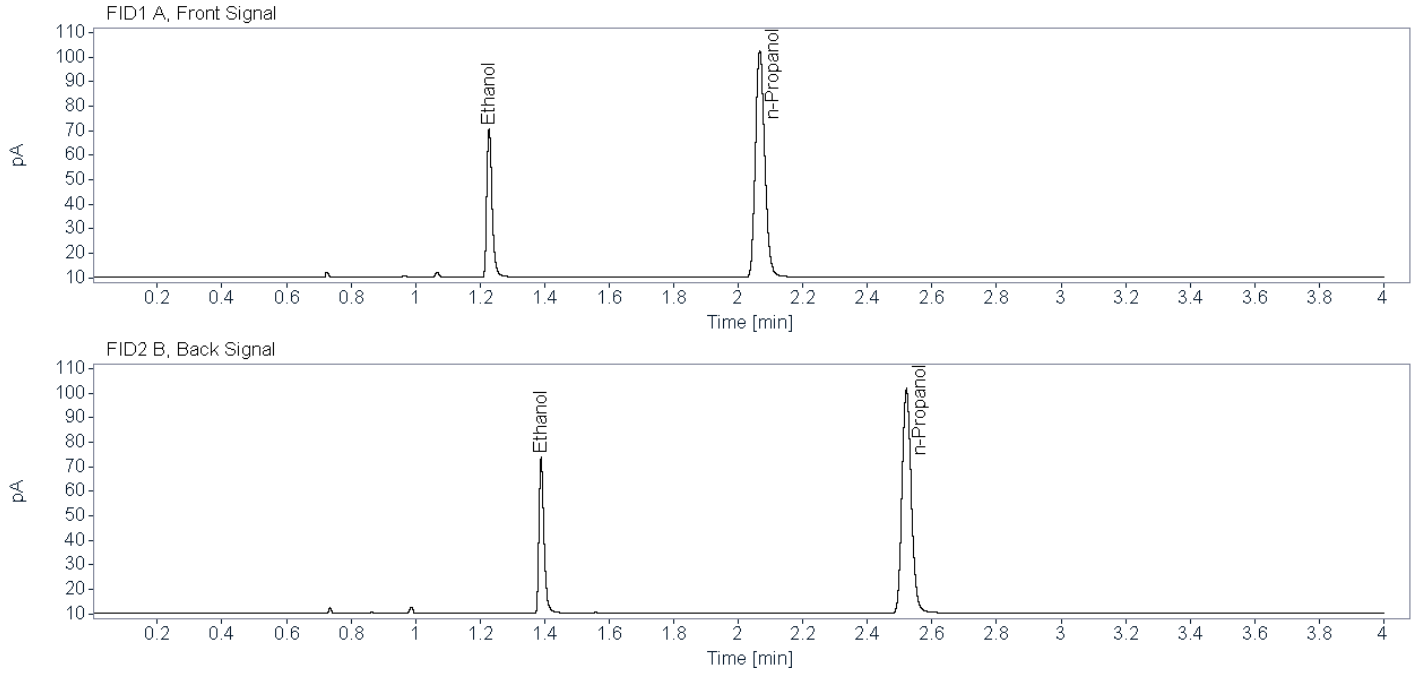
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0481 001_001 (25-0516) **Description:** Alq 1 **Sample Barcode** 25-0516 **Vial Number:** 28

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 1:53:49 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71234	1.228	1.225	68.9038	0.0677
n-Propanol	0.81724	2.067	2.066	185.2604	0.0100

Name FID2B

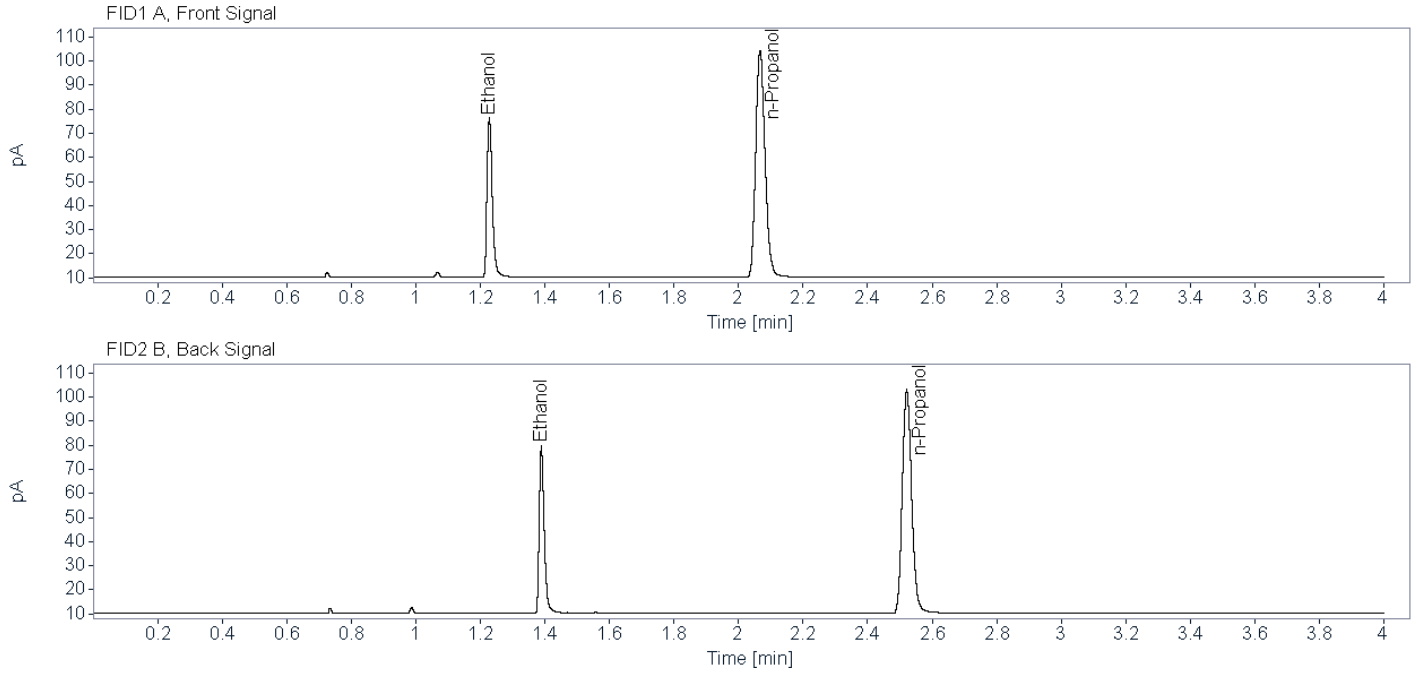
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69213	1.389	1.386	68.5245	0.0680
n-Propanol	0.84246	2.521	2.520	183.1892	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0481 001_001 (25-0526) **Description:** Alq 2 **Sample Barcode** 25-0526 **Vial Number:** 38

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 2:45:48 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71988	1.228	1.225	75.0501	0.0725
n-Propanol	0.82153	2.067	2.066	188.2946	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.68195	1.389	1.386	74.5073	0.0727
n-Propanol	0.84997	2.521	2.520	186.1457	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0498 001_001

Batch Name: BAC_20250402_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:

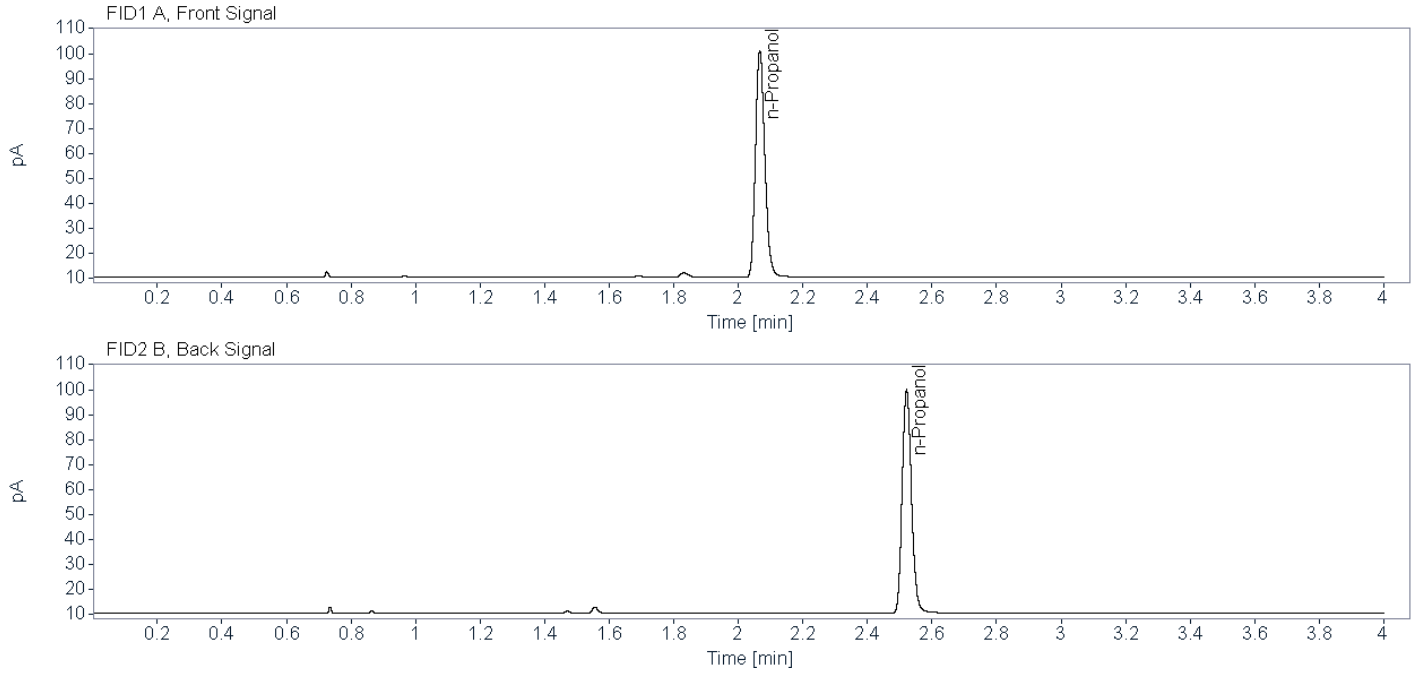
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0498 001_001 (25-0517) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 29

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 1:58:47 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\029F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81631	2.067	2.066	182.1810	0.0100

Name FID2B

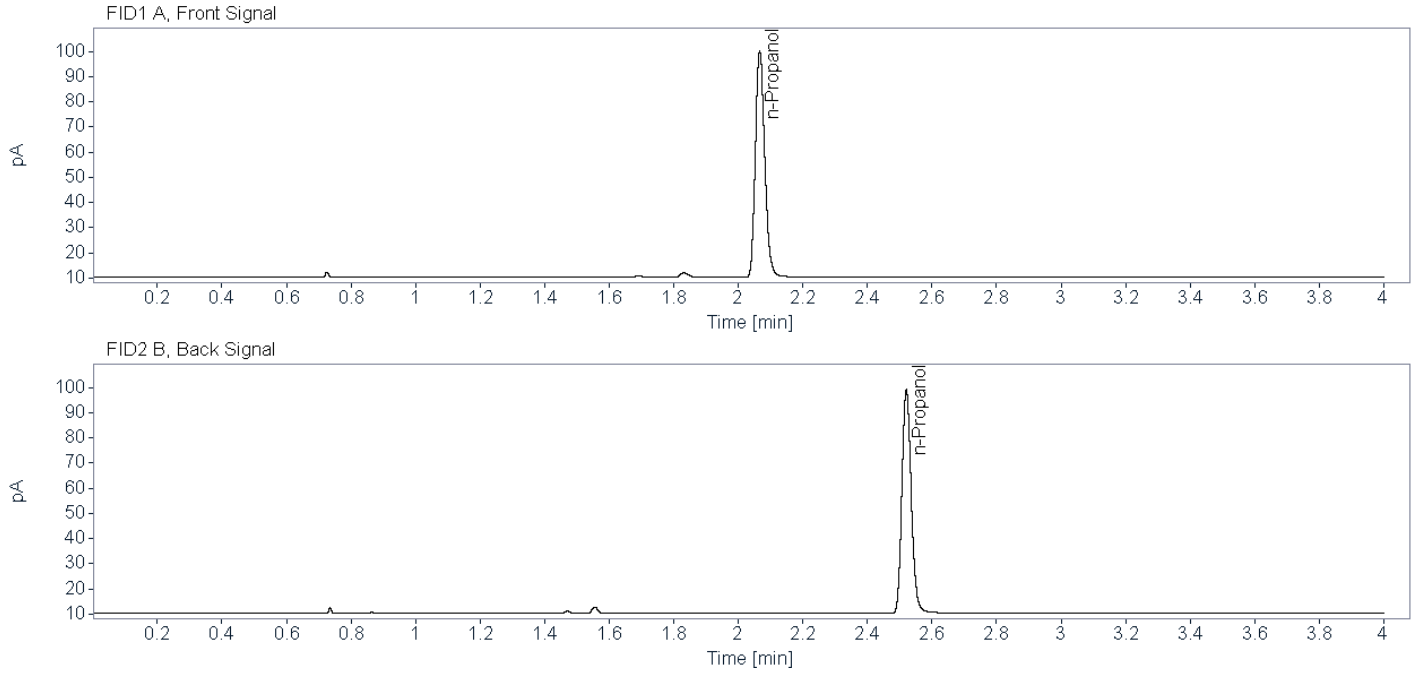
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84568	2.521	2.520	180.1310	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0498 001_001 (25-0525) **Description:** Alq 2 **Sample Barcode** 25-0525 **Vial Number:** 37

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 2:41:07 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81428	2.067	2.066	180.7660	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83694	2.521	2.520	178.5329	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0499 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2850	Aliquot 1:	0.2849
	Aliquot 2:	0.2889	Aliquot 2:	0.2896

Reported Result: 0.287 g/100 mL

Reported UM: 0.046 g/100 mL

Comments:

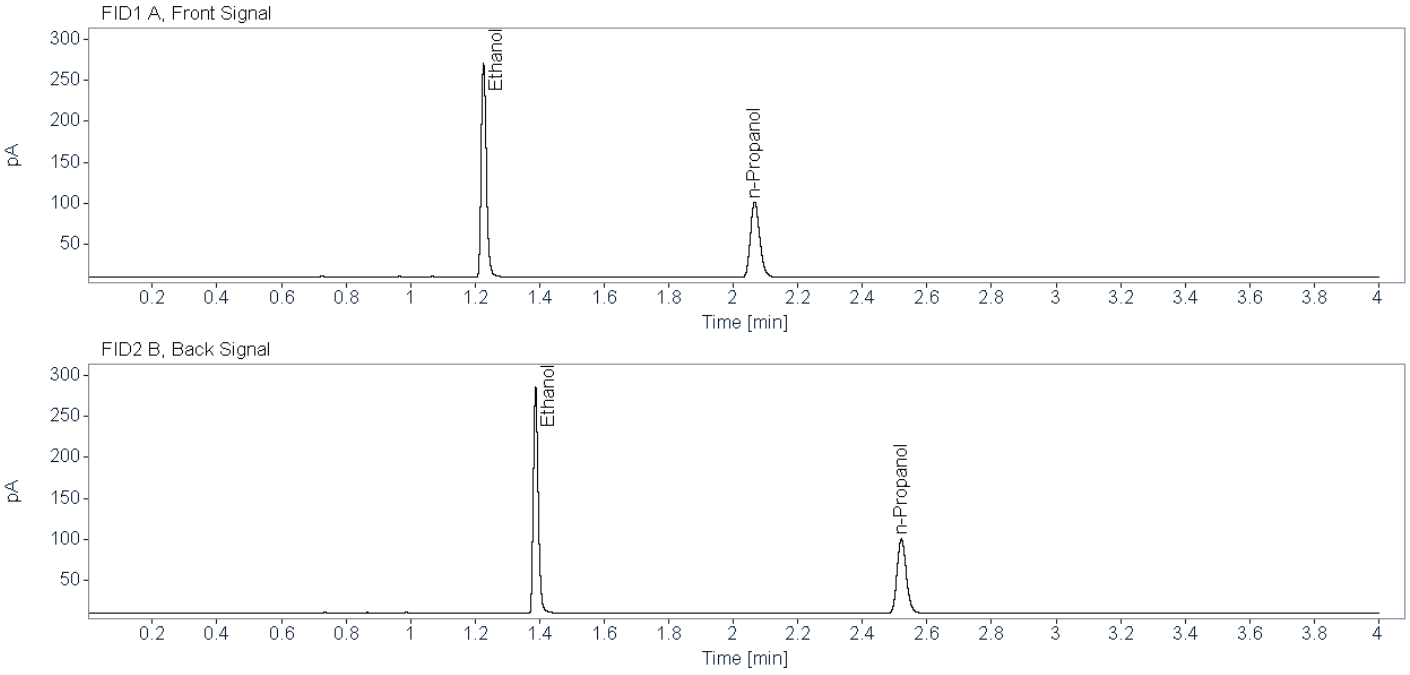
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0499 001_001 (25-0518) **Description:** Alq 1 **Sample Barcode** 25-0518 **Vial Number:** 30

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 2:04:13 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\030F3001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77668	1.226	1.225	290.3998	0.2850
n-Propanol	0.81685	2.067	2.066	183.4808	0.0100

Name FID2B

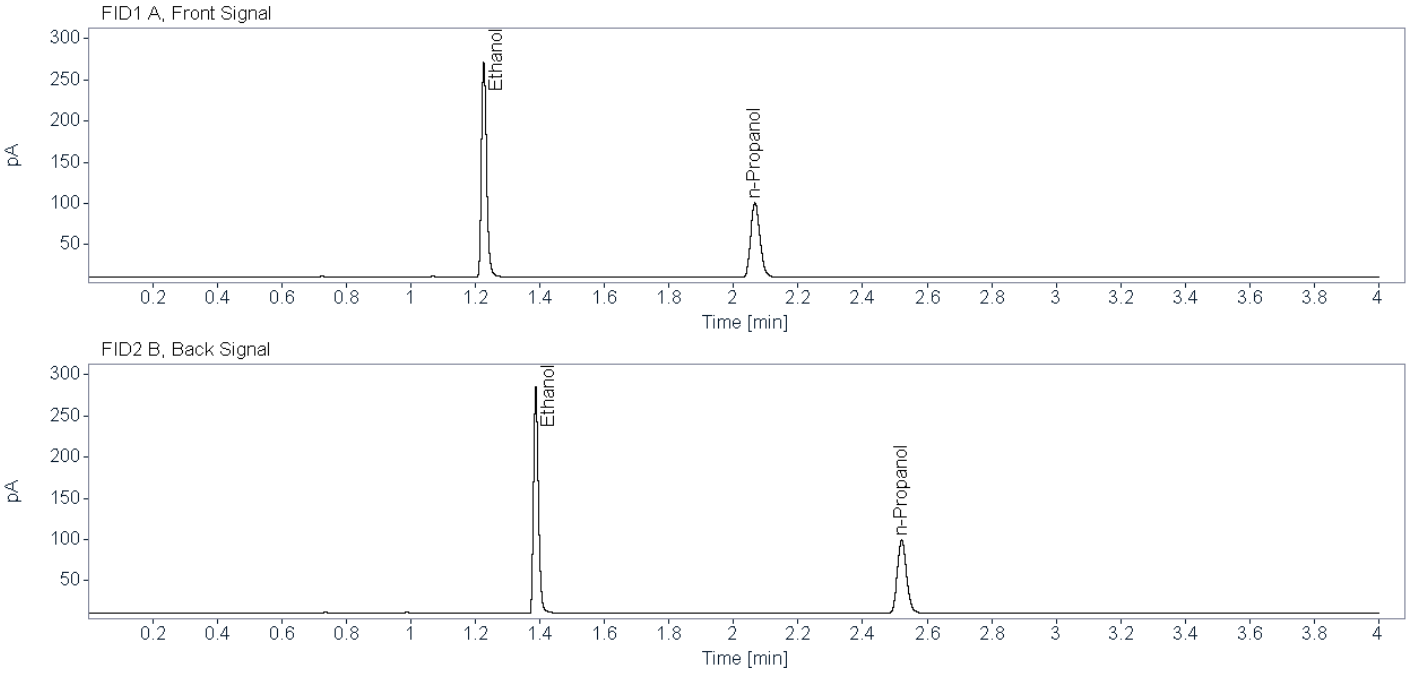
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78342	1.388	1.386	288.2132	0.2849
n-Propanol	0.84353	2.521	2.520	181.4540	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0499 001_001 (25-0524) **Description:** Alq 2 **Sample Barcode** 25-0524 **Vial Number:** 36

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 2:35:25 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76945	1.226	1.225	290.7754	0.2889
n-Propanol	0.81877	2.067	2.066	181.2115	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78823	1.387	1.386	289.1379	0.2896
n-Propanol	0.84618	2.521	2.520	179.0717	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0509 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0396	Aliquot 1:	0.0396
	Aliquot 2:	0.0421	Aliquot 2:	0.0423

Reported Result: 0.040 g/100 mL

Reported UM: 0.006 g/100 mL

Comments:

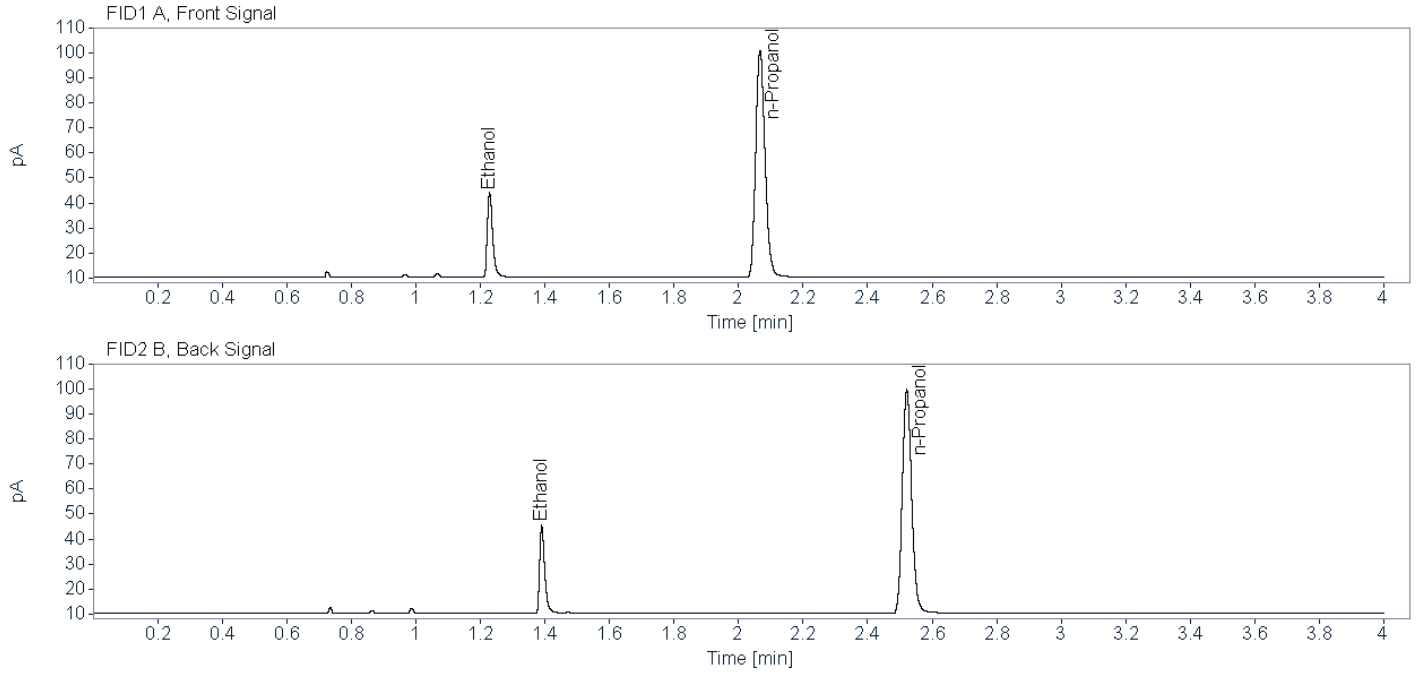
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0509 001_001 (25-0519) **Description:** Alq 1 **Sample Barcode** 25-0519 **Vial Number:** 31

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 2:09:54 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70389	1.229	1.225	39.1013	0.0396
n-Propanol	0.82375	2.067	2.066	181.8671	0.0100

Name FID2B

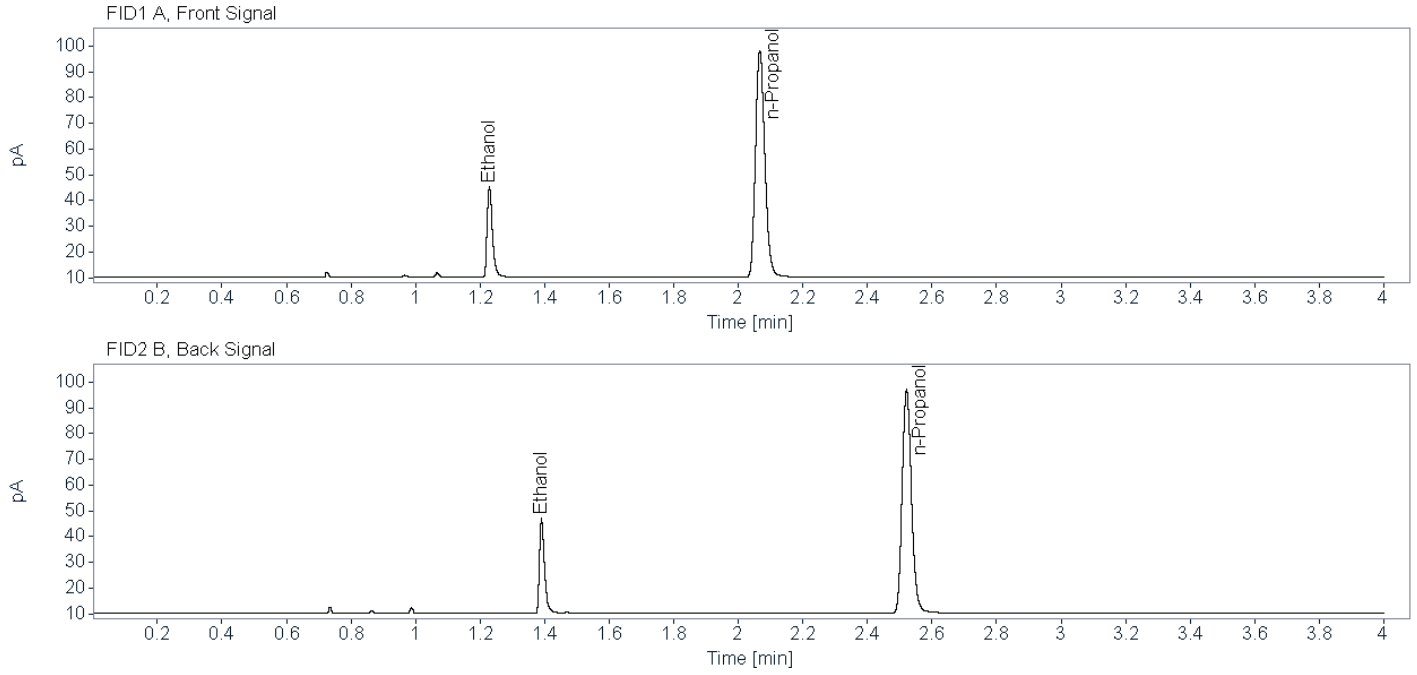
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.67439	1.390	1.386	38.6873	0.0396
n-Propanol	0.85062	2.521	2.520	179.8914	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0509 001_001 (25-0523) **Description:** Alq 2 **Sample Barcode** 25-0523 **Vial Number:** 35

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 2:30:43 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70422	1.229	1.225	40.3724	0.0421
n-Propanol	0.81298	2.067	2.066	176.0597	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.65839	1.390	1.386	40.0540	0.0423
n-Propanol	0.84118	2.521	2.520	174.0975	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0517 001_001

Batch Name: BAC_20250402_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1697	Aliquot 1:	0.1700
	Aliquot 2:	0.1748	Aliquot 2:	0.1746

Reported Result: 0.172 g/100 mL

Reported UM: 0.028 g/100 mL

Comments:

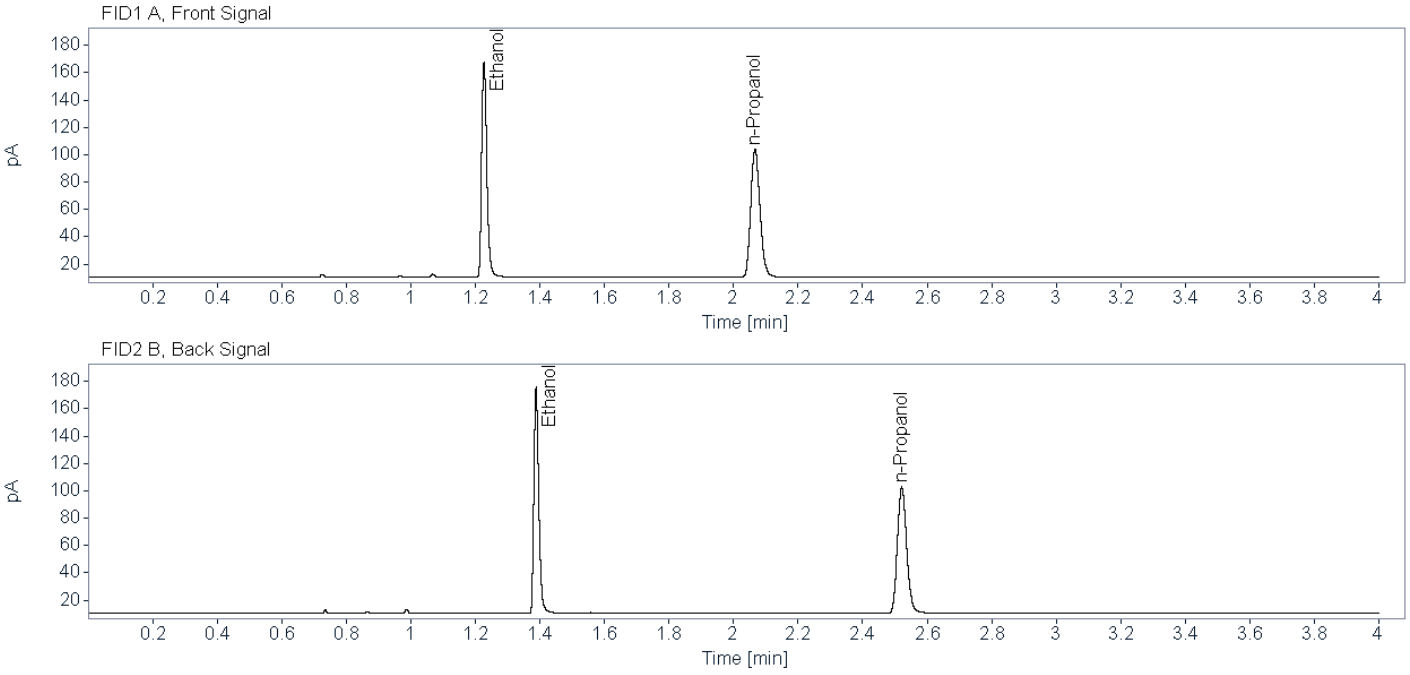
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0517 001_001 (25-0520) **Description:** Alq 1 **Sample Barcode** 25-0520 **Vial Number:** 32

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 2:14:38 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75962	1.227	1.225	175.7412	0.1697
n-Propanol	0.82352	2.067	2.066	186.8787	0.0100

Name FID2B

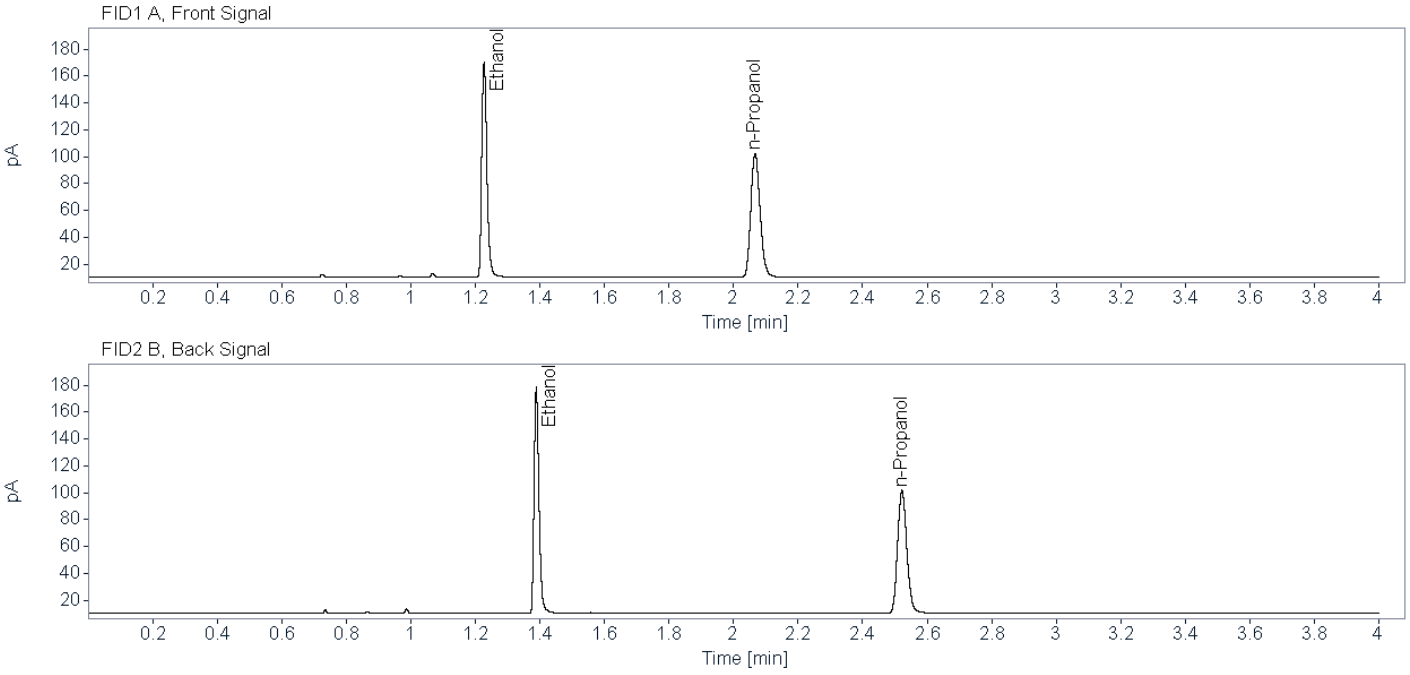
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74184	1.388	1.386	174.8063	0.1700
n-Propanol	0.84650	2.521	2.520	184.9548	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0517 001_001 (25-0522) **Description:** Alq 2 **Sample Barcode** 25-0522 **Vial Number:** 34

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 4/2/2025 2:25:01 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250402_KB 2025-04-02 11-23-05\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74776	1.227	1.225	178.4083	0.1748
n-Propanol	0.82645	2.067	2.066	184.1649	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73378	1.389	1.386	177.0453	0.1746
n-Propanol	0.83058	2.522	2.520	182.3701	0.0100