Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20250924_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	113	✓	✓

Analyst Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2025.09.25 12:13:26 -05'00'

Date: 9/25/2025

Technical Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2025.09.29 12:27:07 -05'00'

Date: 9/29/2025

Batch Name: BAC_20250924_KB

Technical Review Notes

N/A-- 9/29/2025 mh

BAC Summary Worksheet

Batch Name:	BAC_20250924_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		211.4903	208.5083
Acceptance Range	**Min**	190.3412	187.6575
	Max	232.6393	229.3591

Calibrators	Ethanol Obtained Value		Ethanol Average	% Difference			IS Area Counts	
	FID1	FID2		Average & Target	FID1 & Average	FID2 & Average	FID1	FID2
0.010 g/100mL Calibrator	0.0103	0.0103	0.0103	3.00	0.00	0.00	210.1900	207.5686
0.025 g/100mL Calibrator	0.0248	0.0249	0.0248	-0.80	0.00	0.40	210.2019	207.4209
0.050 g/100mL Calibrator	0.0494	0.0492	0.0493	-1.40	0.20	-0.20	212.8026	210.0444
0.100 g/100mL Calibrator	0.0989	0.0984	0.0986	-1.40	0.30	-0.20	212.1499	209.0667
0.200 g/100mL Calibrator	0.1984	0.1983	0.1983	-0.85	0.05	0.00	211.8454	208.8101
0.400 g/100mL Calibrator	0.4008	0.4016	0.4012	0.30	-0.10	0.10	210.7465	207.3090
0.500 g/100mL Calibrator	0.5024	0.5023	0.5023	0.46	0.02	0.00	212.4955	209.3383

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

Controls	Ethanol Obtained Value		Ethanol Average	% Difference			IS Area Counts	
	FID1	FID2		Average & Target	FID1 & Average	FID2 & Average	FID1	FID2
Negative	0.0000	0.0000	0.0000	-	-	-	212.1649	208.5882
High QC	0.3988	0.3986	0.3987	-0.33	0.03	-0.03	211.7165	208.4676
Low QC	0.0775	0.0777	0.0776	-3.00	-0.13	0.13	211.9228	208.4463
Blood QC A	0.0784	0.0785	0.0784	-0.51	0.00	0.13	211.0609	207.7023
Blood QC B	0.1967	0.1971	0.1969	2.71	-0.10	0.10	207.9854	204.1082
Blood QC A	0.0789	0.0791	0.0790	0.25	-0.13	0.13	211.8232	207.9001
Blood QC B	0.1937	0.1941	0.1939	1.15	-0.10	0.10	213.3475	209.1061
Blood QC B	0.1898	0.1900	0.1899	-0.94	-0.05	0.05	208.6046	204.4780
Blood QC A	0.0805	0.0807	0.0806	2.28	-0.12	0.12	199.4301	195.9927
High QC	0.4060	0.4077	0.4068	1.70	-0.20	0.22	203.4678	199.3142
Low QC	0.0789	0.0792	0.0790	-1.25	-0.13	0.25	208.5568	204.4040
DI Water	0.0000	0.0000	0.0000	-	-	-	213.3075	209.0487

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

	Lab Number	Ethanol Obtained Value Alq1		Ethanol Obtained Value Alq2		Result	UM	% Difference FID & Average				IS Area Counts Alq1		IS Area Counts Alq2	
		FID1	FID2	FID1	FID2			Alq1 FID1	Alq1 FID2	Alq 2 FID1	Alq2 FID2	FID1	FID2	FID1	FID2
1	**BCCL-25-1547 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	211.8191	208.3296	210.4244	206.6715
2	BCCL-25-1548 001_001	0.1170	0.1168	0.1186	0.1191	0.117	0.019	-0.74	-0.91	0.62	1.04	207.1194	203.7803	208.3483	204.5074
3	BCCL-25-1549 001_001	0.1927	0.1933	0.1886	0.1889	0.190	0.031	0.96	1.27	-1.19	-1.03	218.5983	215.0027	211.9909	208.2177
4	BCCL-25-1567 001_001	0.1615	0.1613	0.1617	0.1618	0.161	0.026	-0.05	-0.17	0.08	0.14	211.8783	208.3158	207.1481	203.2493
5	**BCCL-25-1581 001_001**	0.0623	0.0626	0.0629	0.0631	0.062	0.010	-0.68	-0.20	0.28	0.60	216.1445	212.5538	210.8585	207.2480
6	**BCCL-25-1587 001_001**	0.0105	0.0106	0.0107	0.0109	0.010	0.002	-1.64	-0.70	0.23	2.11	216.7528	212.9870	206.6462	202.7036
7	BCCL-25-1588 001_001	0.1615	0.1615	0.1634	0.1635	0.162	0.026	-0.60	-0.60	0.57	0.63	216.6205	212.9609	209.2306	205.3447
8	**BCCL-25-1589 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	213.7774	210.2005	204.5201	200.6508
9	BCCL-25-1591 001_001	0.1374	0.1379	0.1372	0.1377	0.137	0.022	-0.11	0.25	-0.25	0.11	216.9329	213.1268	209.7507	205.7733
10	BCCL-25-1592 001_001	0.1815	0.1816	0.1910	0.1913	0.186	0.030	-2.60	-2.55	2.50	2.66	208.0594	204.2503	207.6356	204.0307
11	BCCL-25-1601 001_001	0.2791	0.2796	0.2820	0.2835	0.281	0.045	-0.69	-0.52	0.34	0.87	212.9401	209.0541	201.7803	197.8045
12	BCCL-25-1602 001_001	0.2245	0.2248	0.2274	0.2275	0.226	0.037	-0.69	-0.55	0.60	0.64	205.6708	201.9418	213.4184	209.7193
13	**BCCL-25-1605 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	209.6816	205.8898	207.4623	203.4191
14	BCCL-25-1609 001_001	0.1756	0.1755	0.1758	0.1761	0.175	0.028	-0.09	-0.14	0.03	0.20	211.2980	207.6561	210.9152	207.0018
15	BCCL-25-1614 001_001	0.1671	0.1673	0.1668	0.1669	0.167	0.027	0.04	0.16	-0.13	-0.07	217.7249	213.9173	206.9028	202.9914
16	**BCCL-25-1617 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	208.1949	204.2375	215.6474	211.7947
17	BCCL-25-1623 001_001	0.2632	0.2632	0.2689	0.2696	0.266	0.043	-1.14	-1.14	1.00	1.27	212.3500	208.8445	215.7195	211.5815
18	**BCCL-25-1645 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	216.3062	212.5698	205.2261	201.2448
19	BCCL-25-1646 001_001	0.1623	0.1627	0.1755	0.1761	0.169	0.027	-4.05	-3.81	3.75	4.11	217.2482	213.2422	209.0279	204.9942
20	BCCL-25-1647 006_001	0.1574	0.1579	0.1606	0.1609	0.159	0.026	-1.13	-0.82	0.88	1.07	208.6554	204.9216	210.3839	206.7665

Kayla M. Baylor Digitally signed by Kayla M. Baylor
Date: 2025.09.25 12:11:56 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20250924-KB **Analyst:** Kayla M. Baylor **Instrument:** BAC-1

	Lot:	Expiration:	Inventory Number:
Cal 1	FN1227220I	2/29/2028	S-23-5008V
Cal 2	FN03122112	3/31/2026	S-23-5009G
Cal 3	FN03172301	3/31/2028	S-23-5010J
Cal 4	FN03072301	3/31/2028	S-23-5011J
Cal 5	FN03132302	3/31/2028	S-23-5012I
Cal 6	FN03052102	3/31/2026	S-23-5013G
Cal 7	FN01172402	1/31/2029	S-25-5071A
High QC	12052023-B	5/31/2028	S-24-5080H
Low QC	1-H1455466WA	4/8/2029	S-25-5073C
Blood QC A	2401241	2/28/2028	S-24-5002J
Blood QC B	2302120	5/31/2027	S-24-5003J
Internal Standard	N/A	1/23/2026	R-25-5030
Pipette(s)	5053, 205L		

Comments:

Establishing target of new lot of blood QC A inventory # S-25-5077A
exp: 7/31/2029 lot # 4160724189 -KB 9/25/2025

LC Water: inventory # C-25-0001D lot # 246706 exp: 1/24/2030 -KB
9/25/2025

KB

BAC-20250924-KB

BCCL ANALYTICAL WORKLIST

ANALYST: Kayla Baylor

Worklist ID: F746SD4SWH1V9K

Case #	Evid #	Evid Type	Service
BCCL-25-1547	001_001	Blood	Alcohol
BCCL-25-1548	001_001	Blood	Alcohol
BCCL-25-1549	001_001	Blood	Alcohol
BCCL-25-1567	001_001	Blood	Alcohol
BCCL-25-1581	001_001	Blood	Alcohol
BCCL-25-1587	001_001	Blood	Alcohol
BCCL-25-1588	001_001	Blood	Alcohol
BCCL-25-1589	001_001	Blood	Alcohol
BCCL-25-1591	001_001	Blood	Alcohol
BCCL-25-1592	001_001	Blood	Alcohol
BCCL-25-1601	001_001	Blood	Alcohol
BCCL-25-1602	001_001	Blood	Alcohol
BCCL-25-1605	001_001	Blood	Alcohol

KB

BAC-20251024-KB
-KB 9/25/2025

Case #	Evid #	Evid Type	Service
BCCL-25-1609	001_001	Blood	Alcohol
BCCL-25-1614	001_001	Blood	Alcohol
BCCL-25-1617	001_001	Blood	Alcohol
BCCL-25-1623	001_001	Blood	Alcohol
BCCL-25-1645	001_001	Blood	Alcohol
BCCL-25-1646	001_001	Blood	Alcohol
BCCL-25-1647	006_001	Blood	Alcohol

KB

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250924_KB.S

SEQUENCE PARAMETERS

```
Sequence              : C:\CHEM32\1\SEQUENCE\2025\BAC_20250924_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
9/24/2025 mh

SEQUENCE TABLE:

==========

```
Line                  : 1
Location              : 1
Sample Information    :
Sample Name           : 0.010 g/100mL Cal (25-1418)
Method Name           : BAC
Sample Type           : Calibration
```

```
Calibration Level     : 1
```

==========

```
Line                  : 2
Location              : 2
Sample Information    :
Sample Name           : 0.025 g/100mL Cal (25-1419)
Method Name           : BAC
Sample Type           : Calibration
```

```
Calibration Level     : 2
```

==========

```
Line                  : 3
Location              : 3
Sample Information    :
Sample Name           : 0.050 g/100mL Cal (25-1420)
Method Name           : BAC
Sample Type           : Calibration
```

```
Calibration Level     : 3
```

==========

```
Line                  : 4
Location              : 4
Sample Information    :
Sample Name           : 0.100 g/100mL Cal (25-1421)
Method Name           : BAC
Sample Type           : Calibration
```

KB

Calibration Level : 4

Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (25-1422)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 5

Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (25-1423)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 6

Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (25-1424)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 7

Line : 8
Location : 8
Sample Information :
Sample Name : Negative (25-1425)
Method Name : BAC
Sample Type : Sample

Line : 9
Location : 9
Sample Information :
Sample Name : High QC (25-1426)
Method Name : BAC
Sample Type : Sample

Line : 10
Location : 10
Sample Information :

KB

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250924_KB.S

Sample Name : Low QC (25-1427)
Method Name : BAC
Sample Type : Sample

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (25-1428)
Method Name : BAC
Sample Type : Sample

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-25-1547 001_001 (25-1429)
Method Name : BAC
Sample Type : Sample

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-25-1548 001_001 (25-1430)
Method Name : BAC
Sample Type : Sample

Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-25-1549 001_001 (25-1431)
Method Name : BAC
Sample Type : Sample

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-25-1567 001_001 (25-1432)
Method Name : BAC
Sample Type : Sample

Line : 16
Location : 16
Sample Information : Alq 1

KB

Sample Name : BCCL-25-1581 001_001 (25-1433)
Method Name : BAC
Sample Type : Sample

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-25-1587 001_001 (25-1434)
Method Name : BAC
Sample Type : Sample

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-25-1588 001_001 (25-1435)
Method Name : BAC
Sample Type : Sample

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-25-1589 001_001 (25-1436)
Method Name : BAC
Sample Type : Sample

Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-25-1591 001_001 (25-1437)
Method Name : BAC
Sample Type : Sample

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-25-1592 001_001 (25-1438)
Method Name : BAC
Sample Type : Sample

Line : 22
Location : 22
Sample Information :

KB

Sample Name : Blood QC B (25-1439)
Method Name : BAC
Sample Type : Sample

Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-25-1601 001_001 (25-1440)
Method Name : BAC
Sample Type : Sample

Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-25-1602 001_001 (25-1441)
Method Name : BAC
Sample Type : Sample

Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-25-1605 001_001 (25-1442)
Method Name : BAC
Sample Type : Sample

Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-25-1609 001_001 (25-1443)
Method Name : BAC
Sample Type : Sample

Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-25-1614 001_001 (25-1444)
Method Name : BAC
Sample Type : Sample

Line : 28
Location : 28
Sample Information : Alq 1

KB

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250924_KB.S

Sample Name : BCCL-25-1617 001_001 (25-1445)
Method Name : BAC
Sample Type : Sample

Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-25-1623 001_001 (25-1446)
Method Name : BAC
Sample Type : Sample

Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-25-1645 001_001 (25-1447)
Method Name : BAC
Sample Type : Sample

Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-25-1646 001_001 (25-1448)
Method Name : BAC
Sample Type : Sample

Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : BCCL-25-1647 006_001 (25-1449)
Method Name : BAC
Sample Type : Sample

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (25-1450)
Method Name : BAC
Sample Type : Sample

Line : 34
Location : 34
Sample Information : Alq 2

KB

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250924_KB.S

Sample Name : BCCL-25-1647 006_001 (25-1451)
Method Name : BAC
Sample Type : Sample

Line : 35
Location : 35
Sample Information : Alq 2
Sample Name : BCCL-25-1646 001_001 (25-1452)
Method Name : BAC
Sample Type : Sample

Line : 36
Location : 36
Sample Information : Alq 2
Sample Name : BCCL-25-1645 001_001 (25-1453)
Method Name : BAC
Sample Type : Sample

Line : 37
Location : 37
Sample Information : Alq 2
Sample Name : BCCL-25-1623 001_001 (25-1454)
Method Name : BAC
Sample Type : Sample

Line : 38
Location : 38
Sample Information : Alq 2
Sample Name : BCCL-25-1617 001_001 (25-1455)
Method Name : BAC
Sample Type : Sample

Line : 39
Location : 39
Sample Information : Alq 2
Sample Name : BCCL-25-1614 001_001 (25-1456)
Method Name : BAC
Sample Type : Sample

Line : 40
Location : 40
Sample Information : Alq 2

KB

Sample Name : BCCL-25-1609 001_001 (25-1457)
Method Name : BAC
Sample Type : Sample

Line : 41
Location : 41
Sample Information : Alq 2
Sample Name : BCCL-25-1605 001_001 (25-1458)
Method Name : BAC
Sample Type : Sample

Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : BCCL-25-1602 001_001 (25-1459)
Method Name : BAC
Sample Type : Sample

Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : BCCL-25-1601 001_001 (25-1460)
Method Name : BAC
Sample Type : Sample

Line : 44
Location : 44
Sample Information :
Sample Name : Blood QC B (25-1461)
Method Name : BAC
Sample Type : Sample

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-25-1592 001_001 (25-1462)
Method Name : BAC
Sample Type : Sample

Line : 46
Location : 46
Sample Information : Alq 2

KB

Sequence: C:\CHEM32\1\SEQUENCE\2025\BAC_20250924_KB.S

Sample Name : BCCL-25-1591 001_001 (25-1463)
Method Name : BAC
Sample Type : Sample

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-25-1589 001_001 (25-1464)
Method Name : BAC
Sample Type : Sample

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-25-1588 001_001 (25-1465)
Method Name : BAC
Sample Type : Sample

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-25-1587 001_001 (25-1466)
Method Name : BAC
Sample Type : Sample

Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-25-1581 001_001 (25-1467)
Method Name : BAC
Sample Type : Sample

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-25-1567 001_001 (25-1468)
Method Name : BAC
Sample Type : Sample

Line : 52
Location : 52
Sample Information : Alq 2

KB

Sample Name : BCCL-25-1549 001_001 (25-1469)
Method Name : BAC
Sample Type : Sample

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-25-1548 001_001 (25-1470)
Method Name : BAC
Sample Type : Sample

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-25-1547 001_001 (25-1471)
Method Name : BAC
Sample Type : Sample

Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (25-1472)
Method Name : BAC
Sample Type : Sample

Line : 56
Location : 56
Sample Information :
Sample Name : new Blood QC A (25-1473)
Method Name : BAC
Sample Type : Sample

Line : 57
Location : 57
Sample Information :
Sample Name : new Blood QC A (25-1474)
Method Name : BAC
Sample Type : Sample

Line : 58
Location : 58
Sample Information :

KB

Sample Name : new Blood QC A (25-1475)
Method Name : BAC
Sample Type : Sample

Line : 59
Location : 59
Sample Information :
Sample Name : new Blood QC A (25-1476)
Method Name : BAC
Sample Type : Sample

Line : 60
Location : 60
Sample Information :
Sample Name : Blood QC B (25-1477)
Method Name : BAC
Sample Type : Sample

Line : 61
Location : 61
Sample Information :
Sample Name : High QC (25-1478)
Method Name : BAC
Sample Type : Sample

Line : 62
Location : 62
Sample Information :
Sample Name : Low QC (25-1479)
Method Name : BAC
Sample Type : Sample

Line : 63
Location : 63
Sample Information :
Sample Name : DI Water (25-1480)
Method Name : BAC
Sample Type : Sample

KB

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

Method Information

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

Run Time Checklist

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

Injection Source and Location

Injection Source:	HS 10.11.30.56
Injection Location:	GC Front

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

==========

Agilent 7697A

==========

Agilent 7697A
Instrument Info

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

Instrument Settings

Vial Pressurization Gas:	Helium
Loop Size (mL):	1
Keyboard Lock:	ON
Transfer Line Type:	Fused Silica
Transfer Line Diameter (mm):	0.53

System Configuration

Carrier Control:	GC Instrument

Resource Conservation

Vial Standby Flow (mL/min):	20

Temperature Settings:

Oven Temperature (°C):	70
Loop Temperature (°C):	70
Transfer Line Temperature (°C):	90

Timing Settings:

Vial Equilibration (min):	7.00
Injection Duration (min):	0.50
GC Cycle Time (min):	4.50

Vial and Loop Settings:

Vial Size:	20
Vial Shaking:	OFF
Fill Mode:	Default
Fill Pressure (psi):	10
Loop Fill Mode:	Custom
Loop Ramp Rate (psi/min):	30
Loop Final Pressure (psi):	1
Loop Equilibration Time:	0.05

Carrier Settings:

Carrier Control Mode:	GC controls Carrier

Advanced Settings:

Extraction Mode:	Single Extraction
Vent After Extraction:	ON
Post Injection Purge:	200 mL/min for 3 min
Acceptable Leak Check:	Default, 0.2mL/min
Barcode Symbology:	Enable All
Barcode Checksum:	OFF

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

==========

Agilent 7890A

==========

GC	
GC Summary	
Run Time	4 min
Post Run Time	0 min
Oven	
Equilibration Time	3 min
Max Temperature	260 °C
Maximum Temperature Override	Disabled
Slow Fan	Disabled
Temperature	
Setpoint	On
(Initial)	40 °C
Hold Time	4 min
Post Run	50 °C
Front SS Inlet He	
Mode	Split
Heater	On 110 °C
Pressure	On 24 psi
Total Flow	On 79.947 mL/min
Septum Purge Flow	On 3 mL/min
Gas Saver	Off
Split Ratio	10 :1
Split Flow	69.952 mL/min
Column	
Column Outlet Pressure	0 psi
Column #1	
Column Information	Agilent 123-9134
DB-ALC1	
Temperature Range	-60 °C—260 °C (260 °C)
Dimensions	30 m x 320 µm x 1.8 µm
In	Front SS Inlet He
Out	Front Detector FID
(Initial)	40 °C
Pressure	24 psi
Flow	6.9952 mL/min
Average Velocity	80.325 cm/sec
Holdup Time	0.62247 min
Pressure	
Setpoint	On
(Initial)	24 psi
Post Run	9.4366 psi
Column #2	
Column Information	Agilent 123-9234
DB-ALC2	
Temperature Range	-60 °C—260 °C (260 °C)
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

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

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

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

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

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

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

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

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

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

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

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

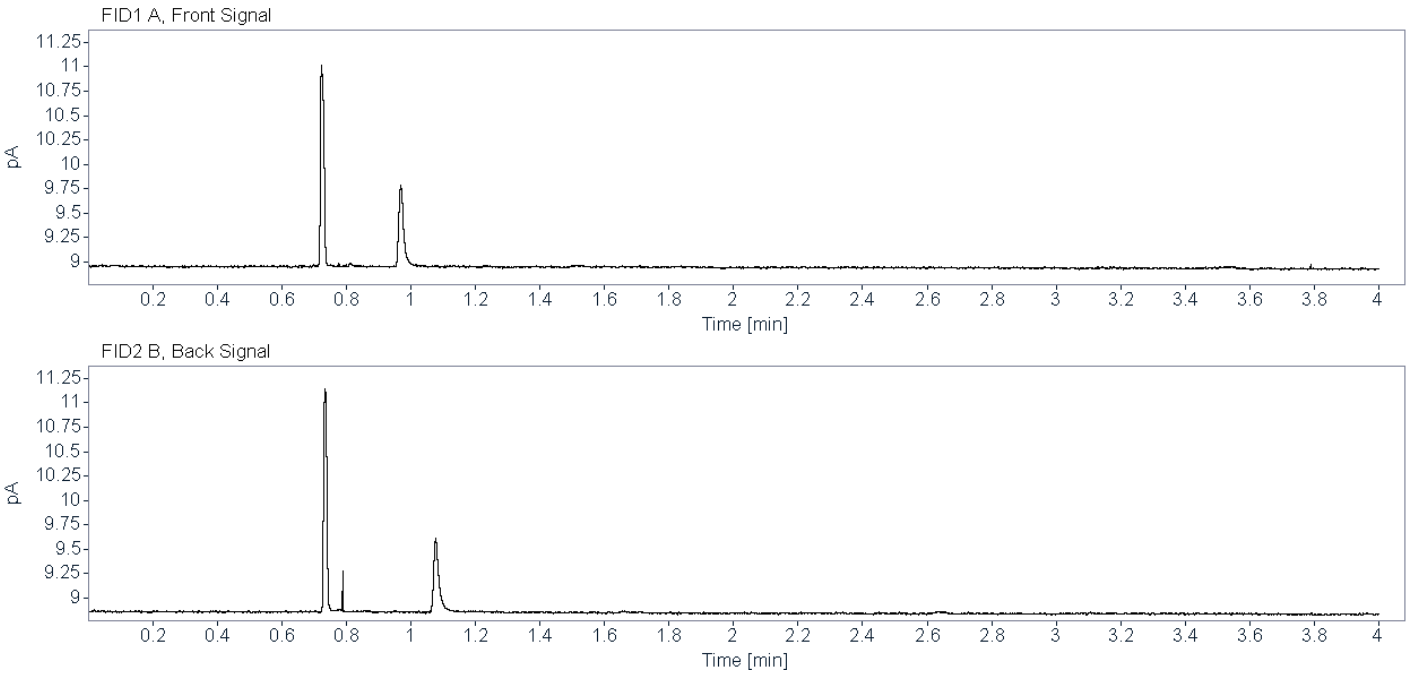
Detector Default Integration Event Table "Event_FID"

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

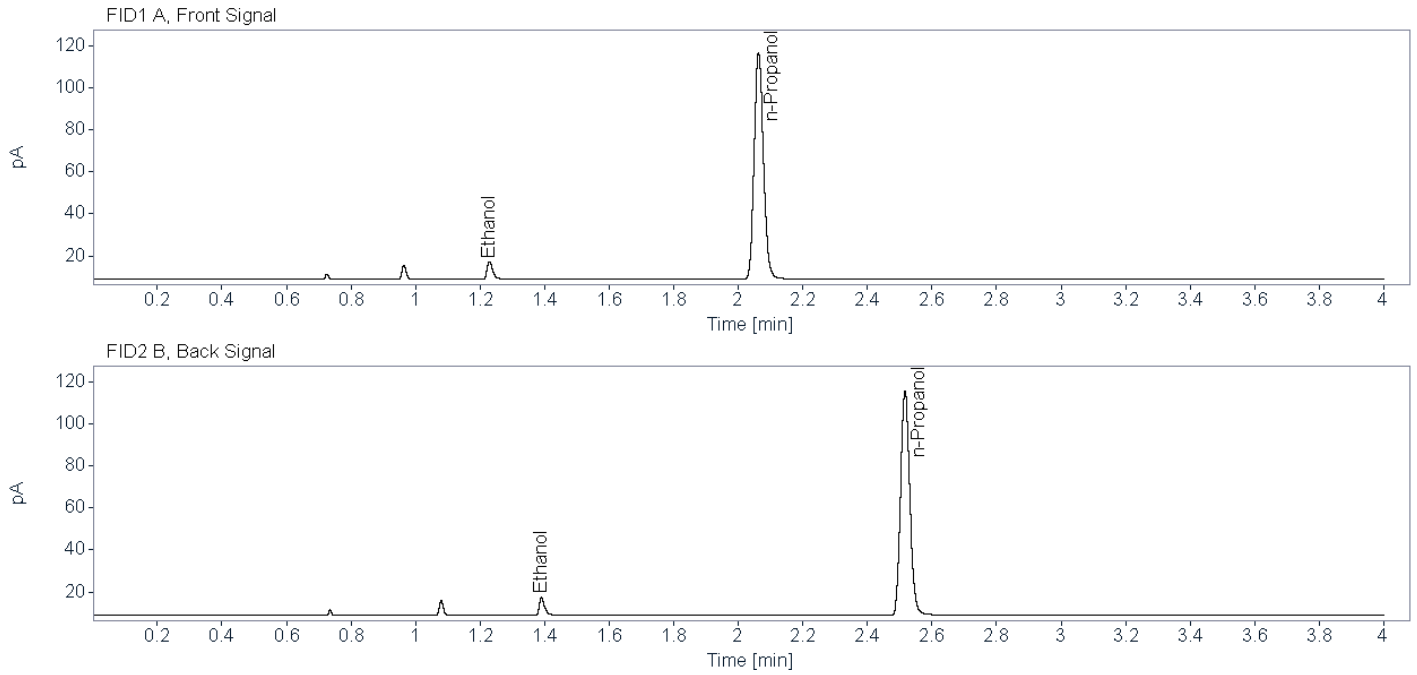
Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 7:42:39 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250923PC_KB 2025-09-24 07-32-42\001F0101.D



PC batch inadvertently named BAC_20250923PC_KB, performance check performed on 9/24/2025 and should be named BAC_20250924PC_KB -KB 9/25/2025

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:** 9/24/2025 7:47:21 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250923PC_KB 2025-09-24 07-32-42\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70746	1.229	1.231	9.8191	0.0095
n-Propanol	0.84984	2.063	2.066	214.3821	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.62559	1.390	1.392	9.5833	0.0093
n-Propanol	0.85719	2.517	2.520	211.9415	0.0100

PC batch inadvertently named BAC_20250923PC_KB, performance check performed on 9/24/2025 and should be named BAC_20250924PC_KB -KB 9/25/2025

Calibration Table

General Calibration Setting

Calib. Data Modified : 9/25/2025 6:36:58 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
1.224	1	1	1.00000e-2	9.64463	1.03685e-3	No	No	1	Ethanol
		2	2.50000e-2	24.66846	1.01344e-3				
		3	5.00000e-2	50.73235	9.85565e-4				
		4	1.00000e-1	102.26482	9.77853e-4				
		5	2.00000e-1	205.88680	9.71408e-4				
		6	4.00000e-1	414.88388	9.64125e-4				
		7	5.00000e-1	524.60748	9.53094e-4				
1.385	2	1	1.00000e-2	9.39259	1.06467e-3	No	No	2	Ethanol
		2	2.50000e-2	24.32273	1.02784e-3				
		3	5.00000e-2	50.05370	9.98927e-4				
		4	1.00000e-1	100.87033	9.91372e-4				
		5	2.00000e-1	204.20238	9.79421e-4				
		6	4.00000e-1	411.88840	9.71137e-4				
		7	5.00000e-1	520.57117	9.60483e-4				
2.063	1	1	1.00000e-2	210.18996	4.75760e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	210.20186	4.75733e-5				
		3	1.00000e-2	212.80257	4.69919e-5				
		4	1.00000e-2	212.14987	4.71365e-5				
		5	1.00000e-2	211.84538	4.72042e-5				
		6	1.00000e-2	210.74649	4.74504e-5				
		7	1.00000e-2	212.49545	4.70598e-5				
2.516	2	1	1.00000e-2	207.56862	4.81768e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	207.42090	4.82111e-5				
		3	1.00000e-2	210.04445	4.76090e-5				
		4	1.00000e-2	209.06665	4.78316e-5				
		5	1.00000e-2	208.81009	4.78904e-5				
		6	1.00000e-2	207.30904	4.82372e-5				
		7	1.00000e-2	209.33835	4.77696e-5				

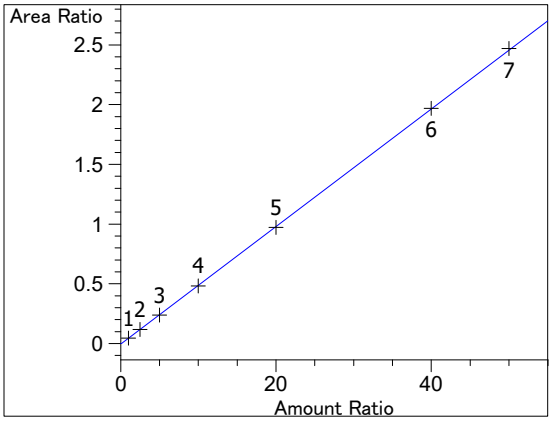
Peak Sum Table

No Entries in table

3 Warnings or Errors :

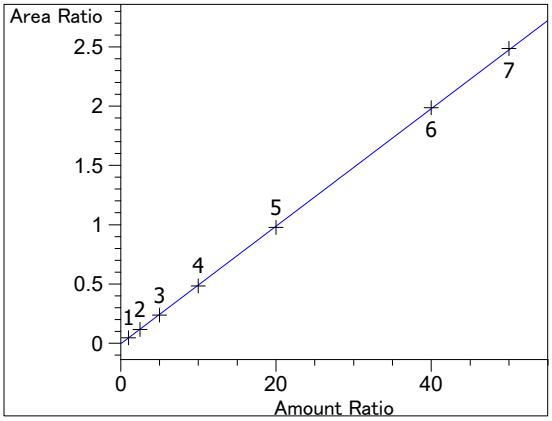
Warning : Curve requires more calibration points., (n-Propanol)
Warning : Curve requires more calibration points. at 2.063 min, signal 1
Warning : Curve requires more calibration points. at 2.516 min, signal 2

Calibration Curves

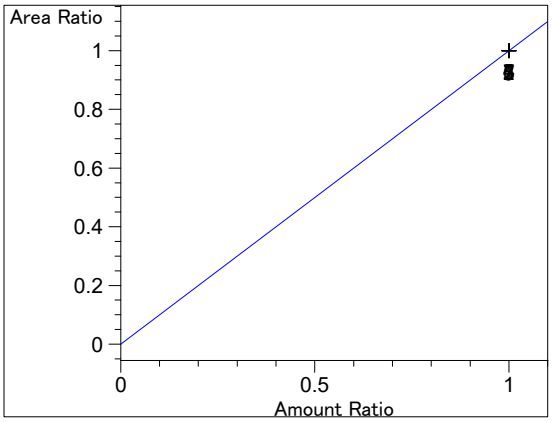


Ethanol at exp. RT: 1.224
FID1 A, Front Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00727
Formula: y = mx + b
m: 4.92341e-2
b: -4.83919e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.390992
Level 3 : 0.192471

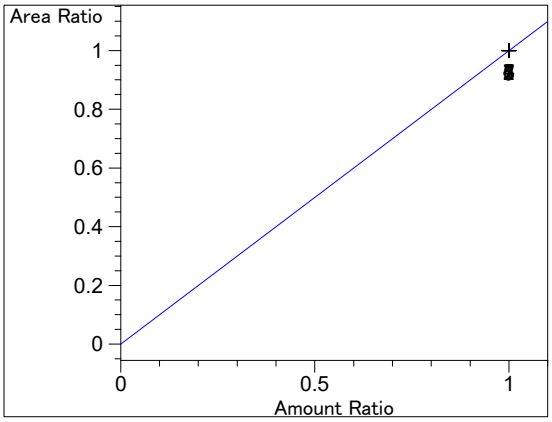
Level 4	: 0.09519
Level 5	: 0.047213
Level 6	: 0.023308
Level 7	: 0.018586



Ethanol at exp. RT: 1.385
FID2 B, Back Signal
Correlation: 0.99996
Residual Std. Dev.: 0.00828
Formula: y = mx + b
m: 4.96266e-2
b: -6.08983e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.38589
Level 3 : 0.189889
Level 4 : 0.093788
Level 5 : 0.046272
Level 6 : 0.022775
Level 7 : 0.018197



n-Propanol at exp. RT: 2.063
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

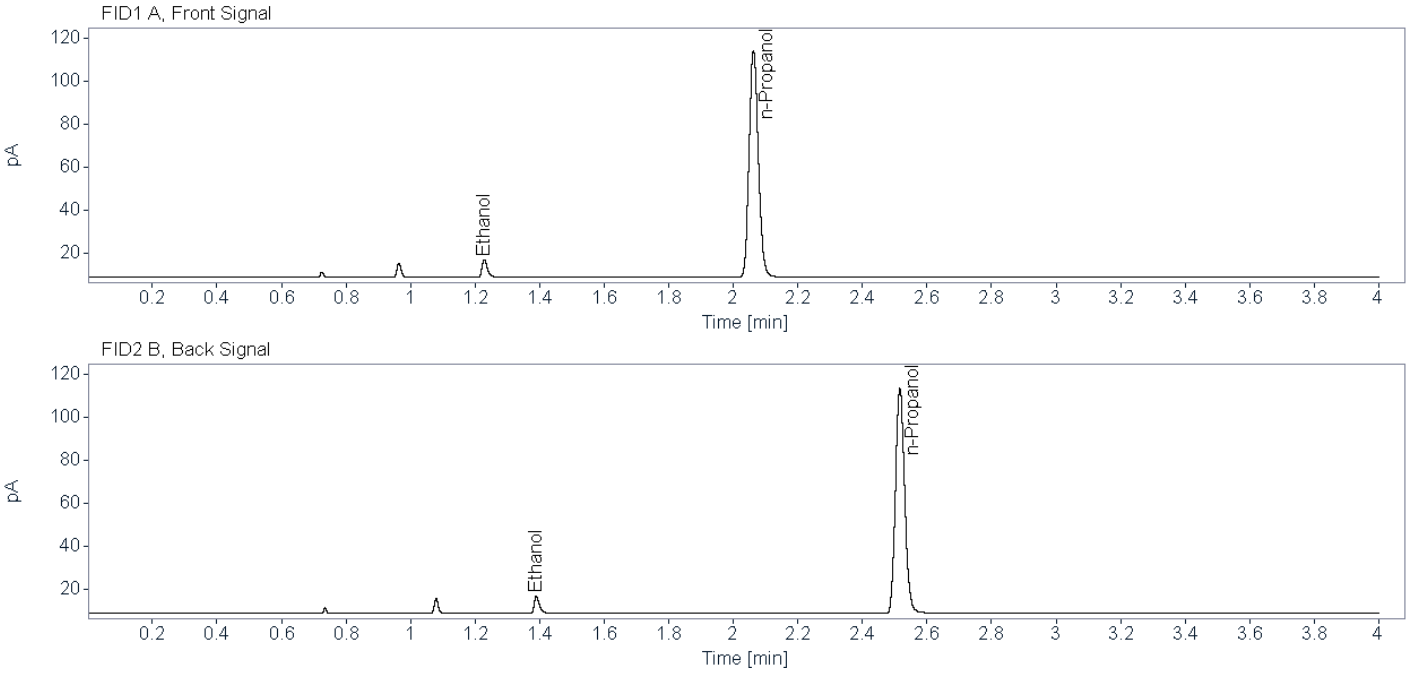


n-Propanol at exp. RT: 2.516
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

==========

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (25-1418) **Description:** **Sample Barcode** 25-1418 **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 9:52:34 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\001F0101.D



Name FID1A

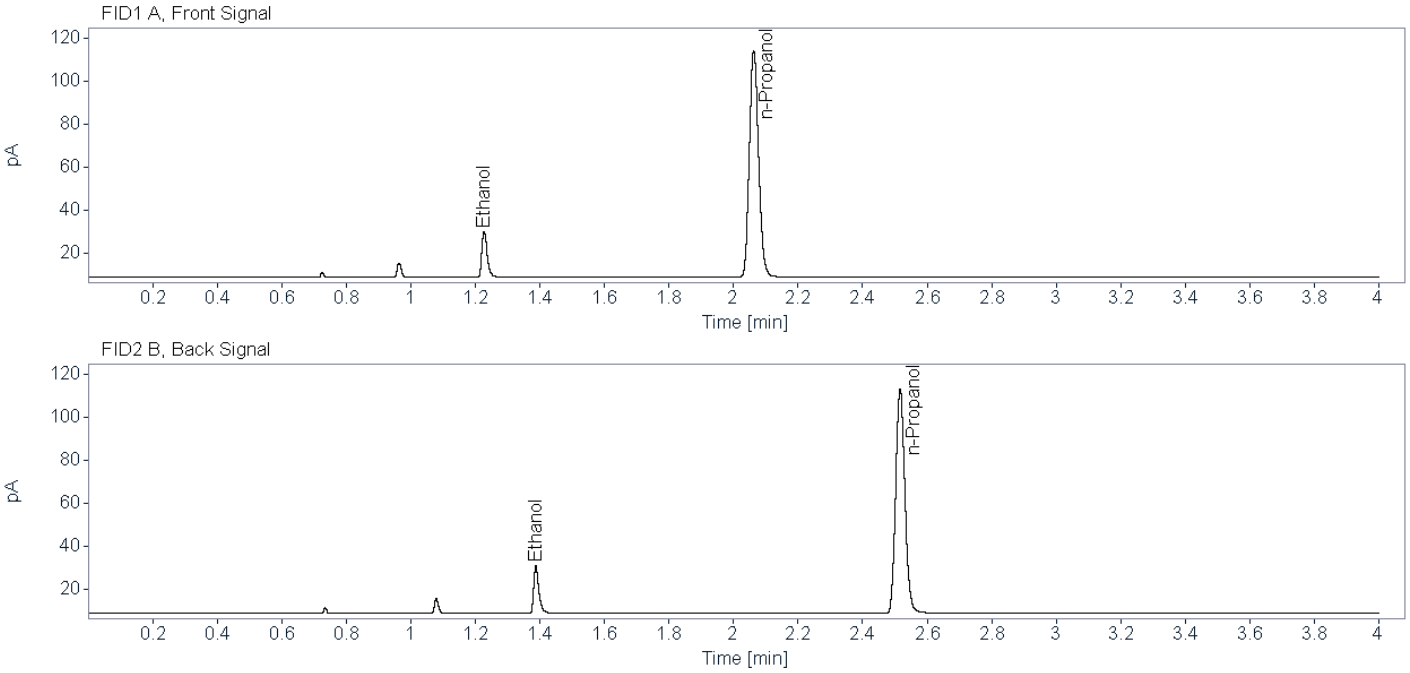
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70474	1.229	1.229	9.6446	0.0103
n-Propanol	0.84503	2.063	2.063	210.1900	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.62198	1.390	1.390	9.3926	0.0103
n-Propanol	0.85700	2.516	2.516	207.5686	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (25-1419) **Description:** **Sample Barcode** 25-1419 **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 9:57:17 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\002F0201.D



Name FID1A

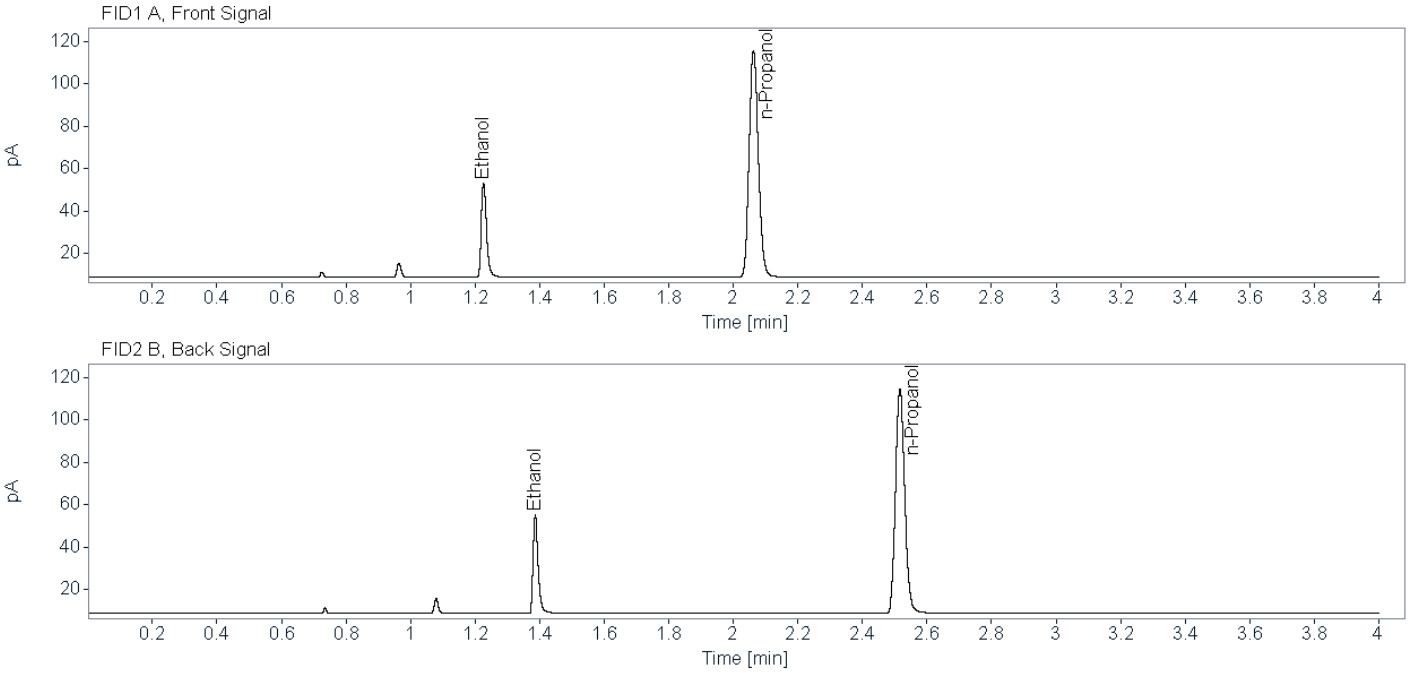
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71061	1.227	1.227	24.6685	0.0248
n-Propanol	0.84835	2.063	2.063	210.2019	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.65411	1.388	1.388	24.3227	0.0249
n-Propanol	0.86126	2.516	2.516	207.4209	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (25-1420) **Description:** **Sample Barcode** 25-1420 **Vial Number:** 3
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 10:02:58 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\003F0301.D



Name FID1A

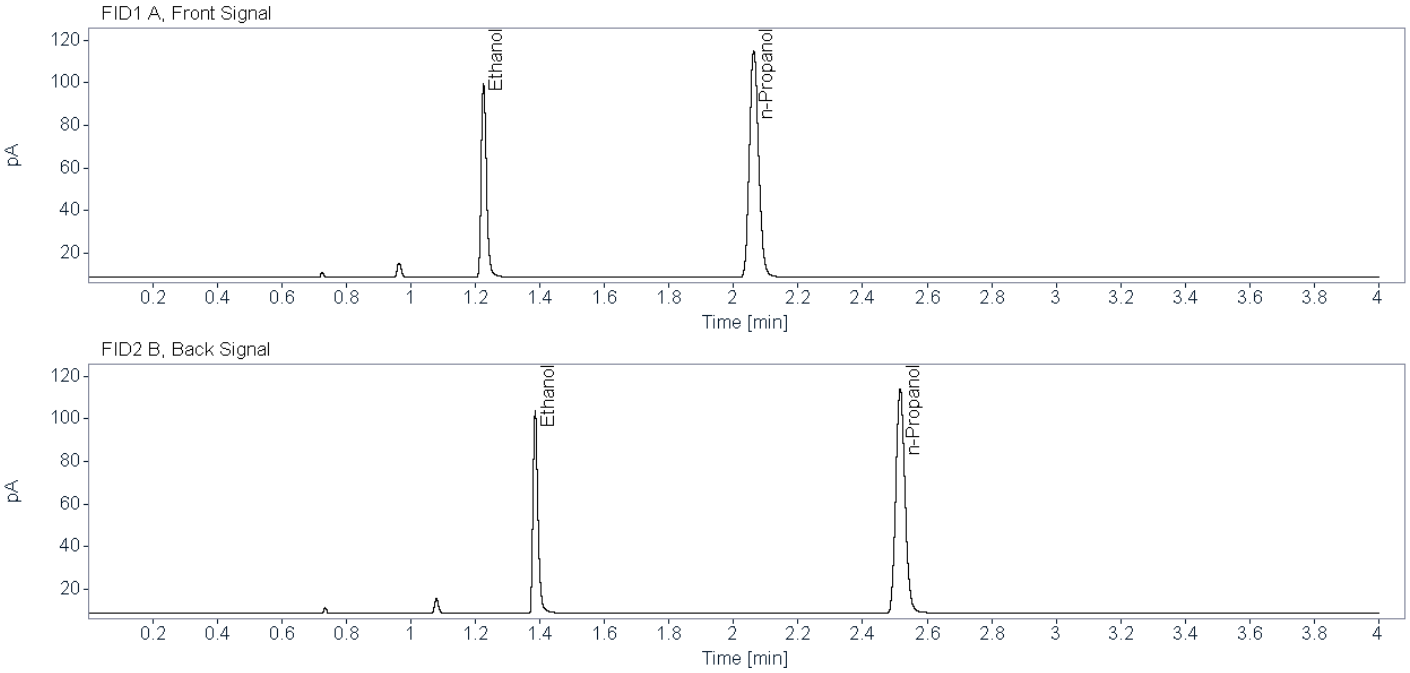
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73593	1.226	1.226	50.7323	0.0494
n-Propanol	0.84523	2.063	2.063	212.8026	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.67438	1.386	1.386	50.0537	0.0492
n-Propanol	0.85816	2.516	2.516	210.0444	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (25-1421) **Description:** **Sample Barcode** 25-1421 **Vial Number:** 4
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 10:07:41 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\004F0401.D



Name FID1A

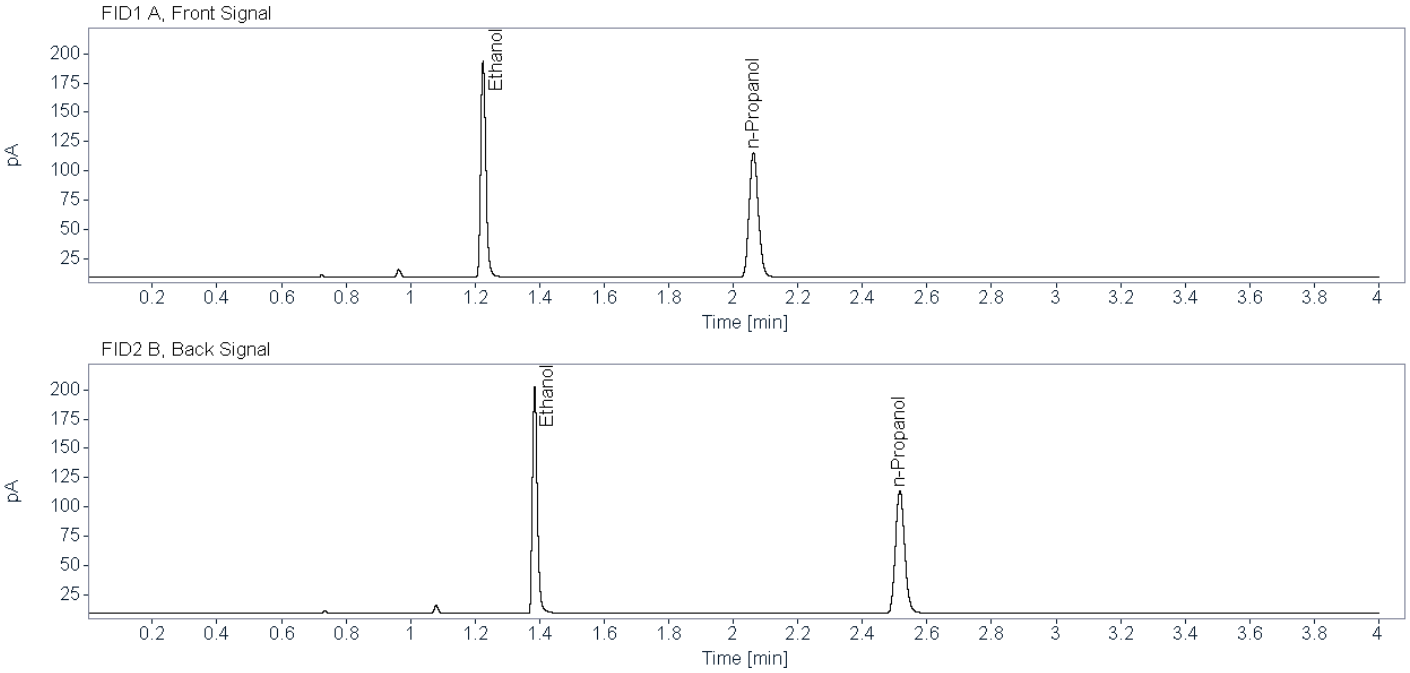
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75708	1.225	1.225	102.2648	0.0989
n-Propanol	0.84702	2.063	2.063	212.1499	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71344	1.385	1.385	100.8703	0.0984
n-Propanol	0.86440	2.516	2.516	209.0667	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (25-1422) **Description:** **Sample Barcode** 25-1422 **Vial Number:** 5
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 10:13:23 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\005F0501.D



Name FID1A

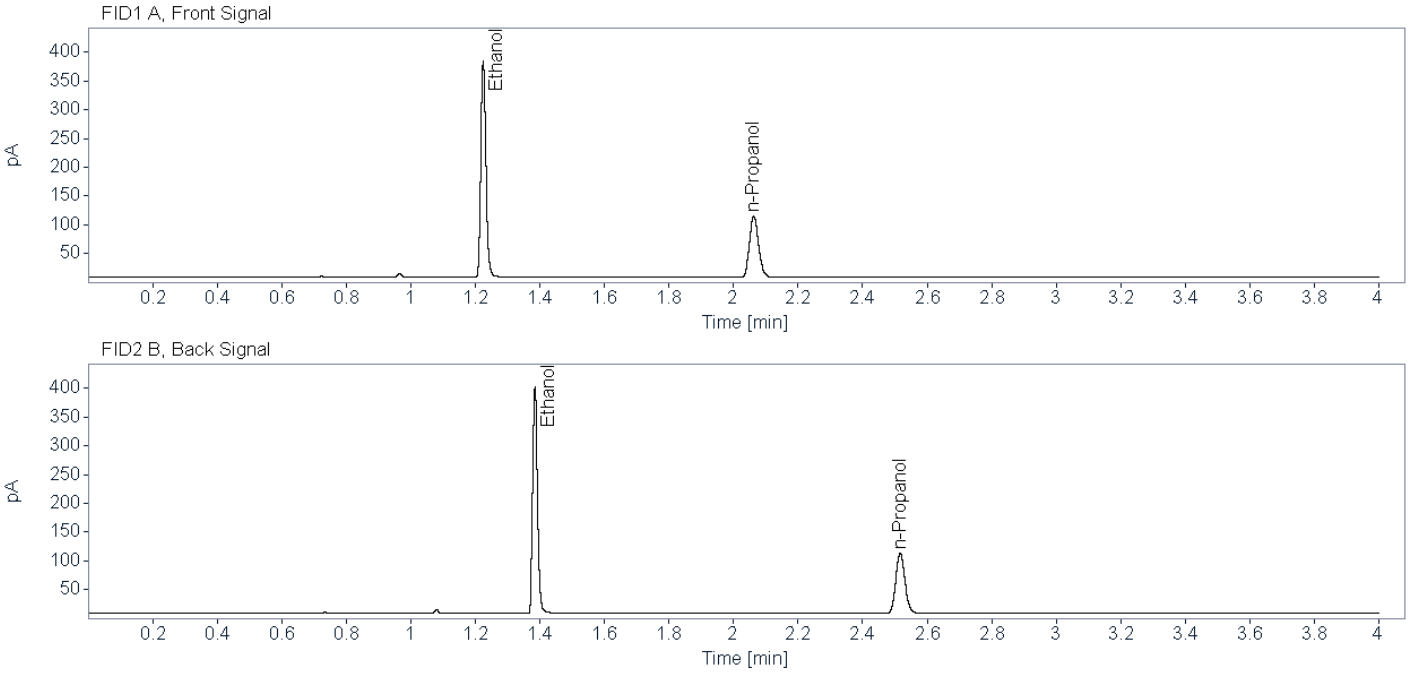
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77806	1.225	1.225	205.8868	0.1984
n-Propanol	0.84093	2.063	2.063	211.8454	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78239	1.385	1.385	204.2024	0.1983
n-Propanol	0.85470	2.516	2.516	208.8101	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (25-1423) **Description:** **Sample Barcode** 25-1423 **Vial Number:** 6
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 10:18:05 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\006F0601.D



Name FID1A

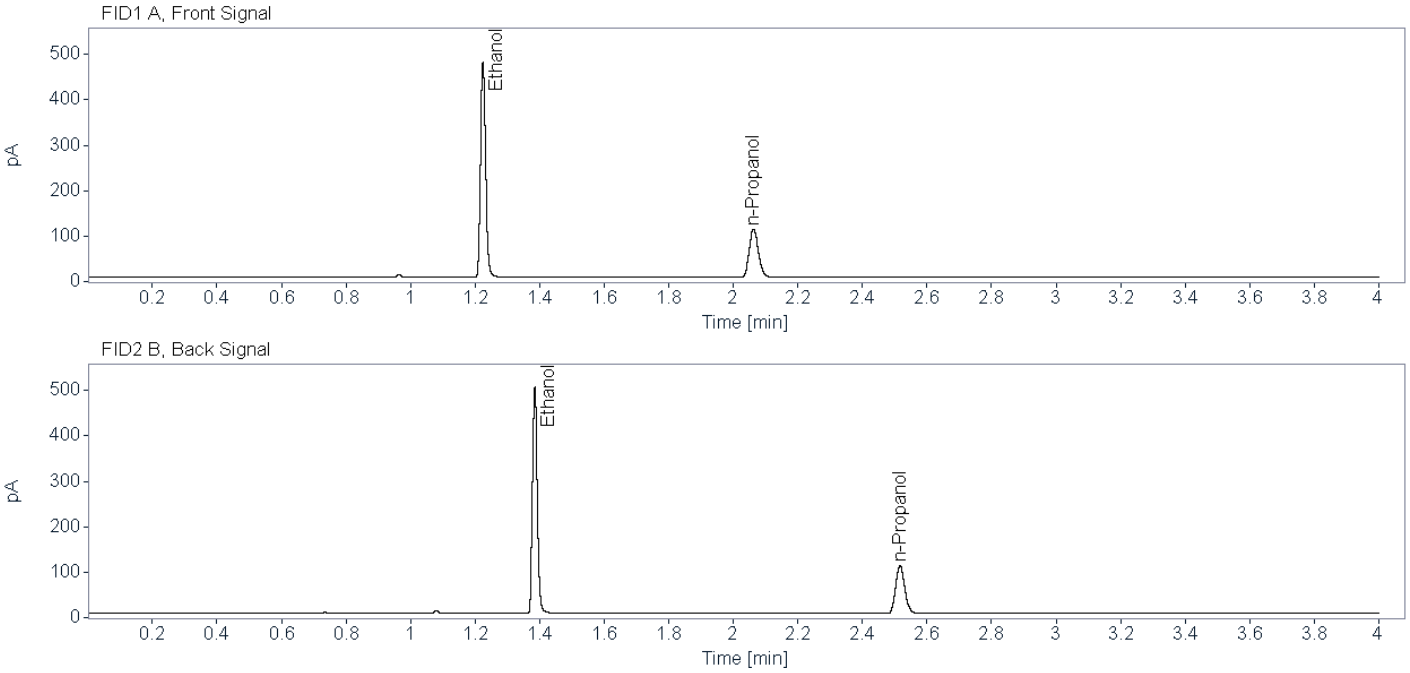
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81550	1.224	1.224	414.8839	0.4008
n-Propanol	0.84572	2.063	2.063	210.7465	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82363	1.385	1.385	411.8884	0.4016
n-Propanol	0.86065	2.516	2.516	207.3090	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (25-1424) **Description:** **Sample Barcode** **Vial Number:** 7
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 10:23:47 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\007F0701.D



Name FID1A

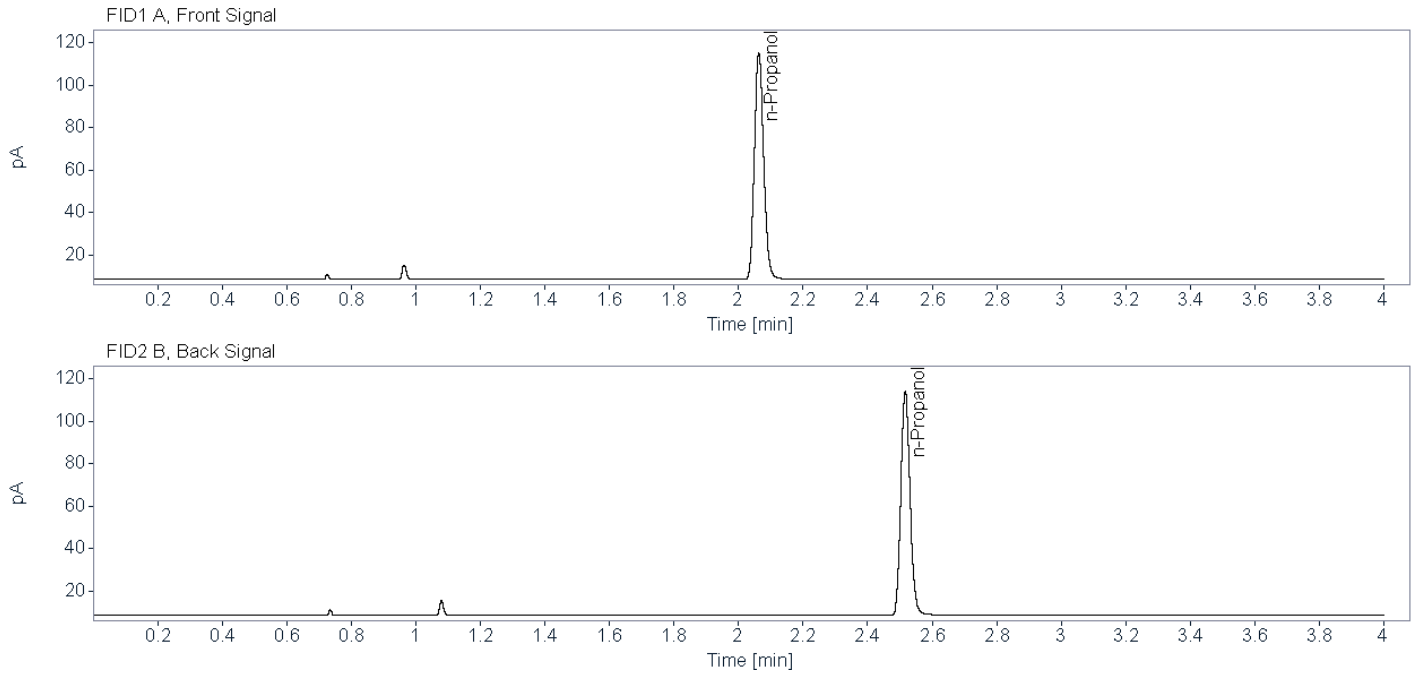
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83862	1.224	1.224	524.6075	0.5024
n-Propanol	0.84641	2.063	2.063	212.4955	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84823	1.385	1.385	520.5712	0.5023
n-Propanol	0.85283	2.516	2.516	209.3383	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (25-1425) **Description:** **Sample Barcode** 25-1425 **Vial Number:** 8
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 10:28:29 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\008F0801.D



Name FID1A

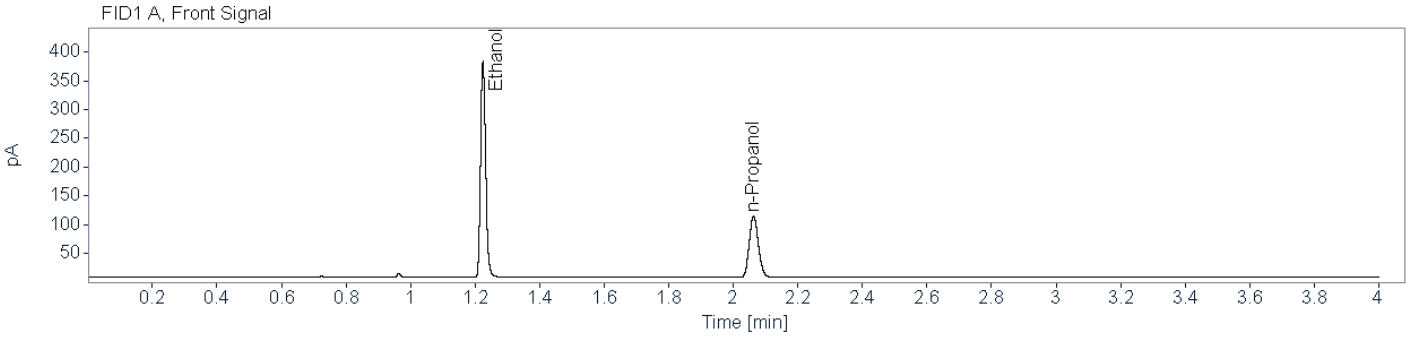
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84628	2.063	2.063	212.1649	0.0100

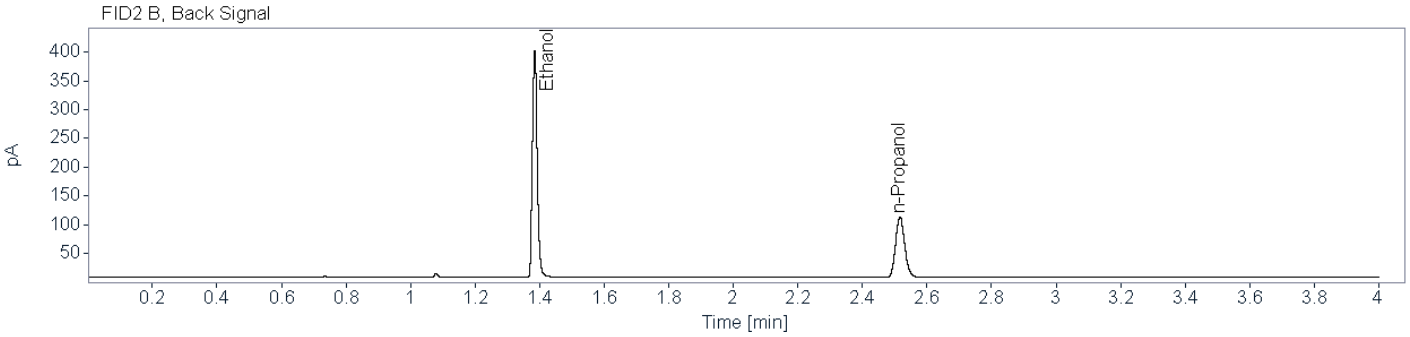
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86456	2.517	2.516	208.5882	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-1426) **Description:** **Sample Barcode** 25-1426 **Vial Number:** 9
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 10:34:10 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\009F0901.D





Name FID1A

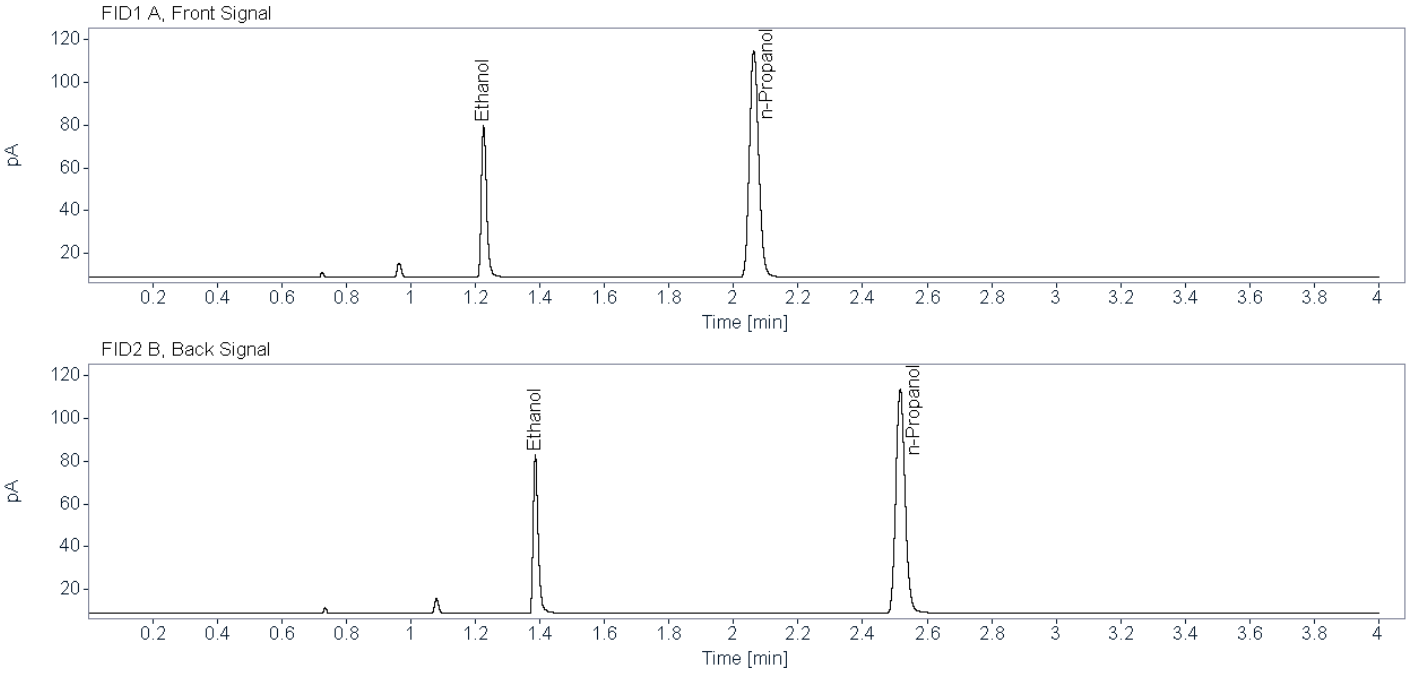
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82575	1.224	1.224	414.6297	0.3988
n-Propanol	0.84402	2.063	2.063	211.7165	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84412	1.385	1.385	411.0995	0.3986
n-Propanol	0.85157	2.516	2.516	208.4676	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-1427) **Description:** **Sample Barcode** 25-1427 **Vial Number:** 10
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 10:38:54 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\010F1001.D



Name FID1A

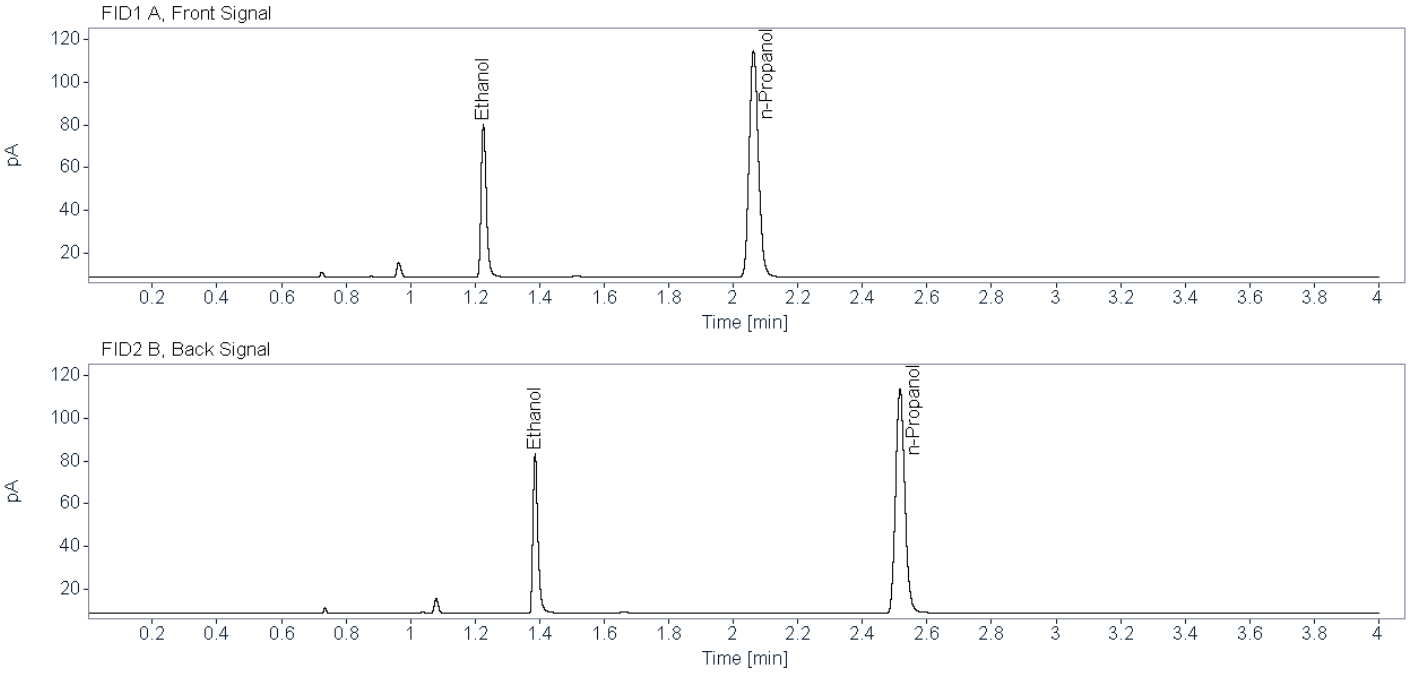
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73824	1.226	1.224	79.8373	0.0775
n-Propanol	0.84475	2.063	2.063	211.9228	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69661	1.386	1.385	79.1566	0.0777
n-Propanol	0.85809	2.516	2.516	208.4463	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-1428) **Description:** **Sample Barcode** **Vial Number:** 11
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 10:44:35 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\011F1101.D



Name FID1A

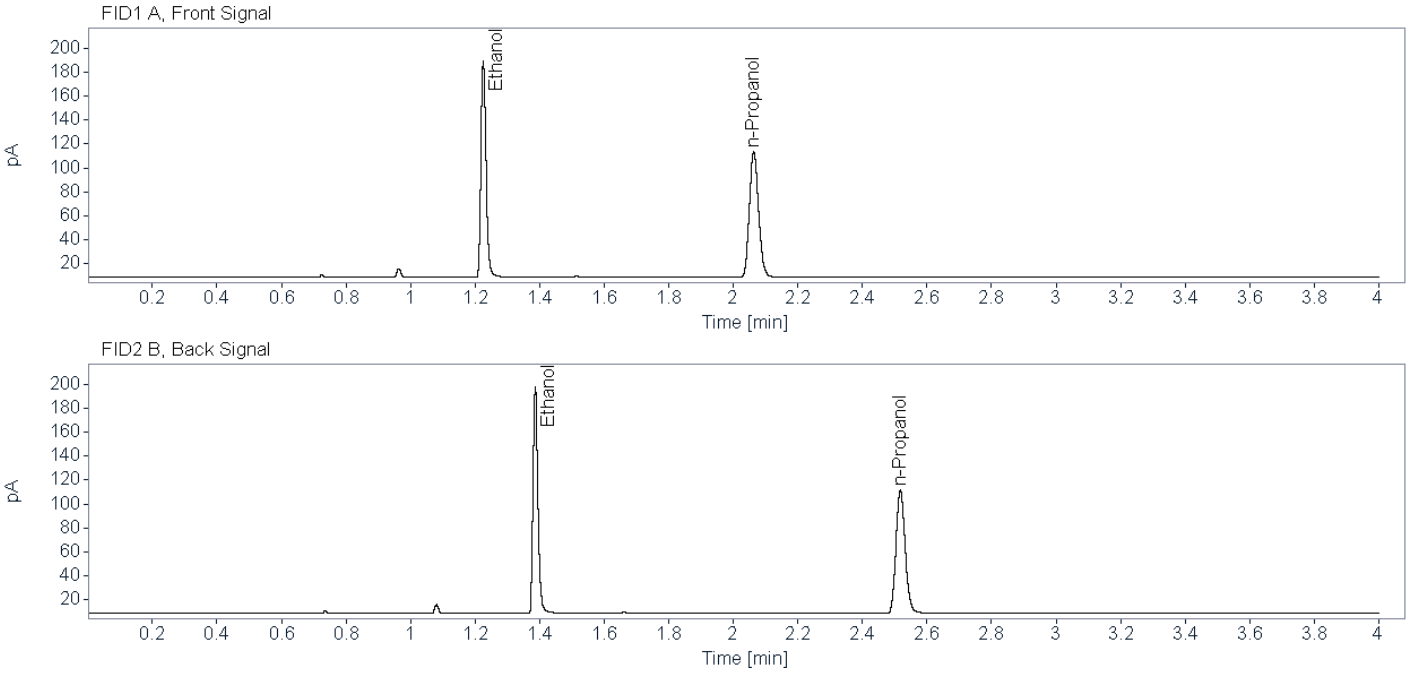
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74682	1.226	1.224	80.4726	0.0784
n-Propanol	0.84325	2.063	2.063	211.0609	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70875	1.386	1.385	79.6840	0.0785
n-Propanol	0.85401	2.517	2.516	207.7023	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-1439) **Description:** **Sample Barcode** **Vial Number:** 22
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 11:41:17 AM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\022F2201.D



Name FID1A

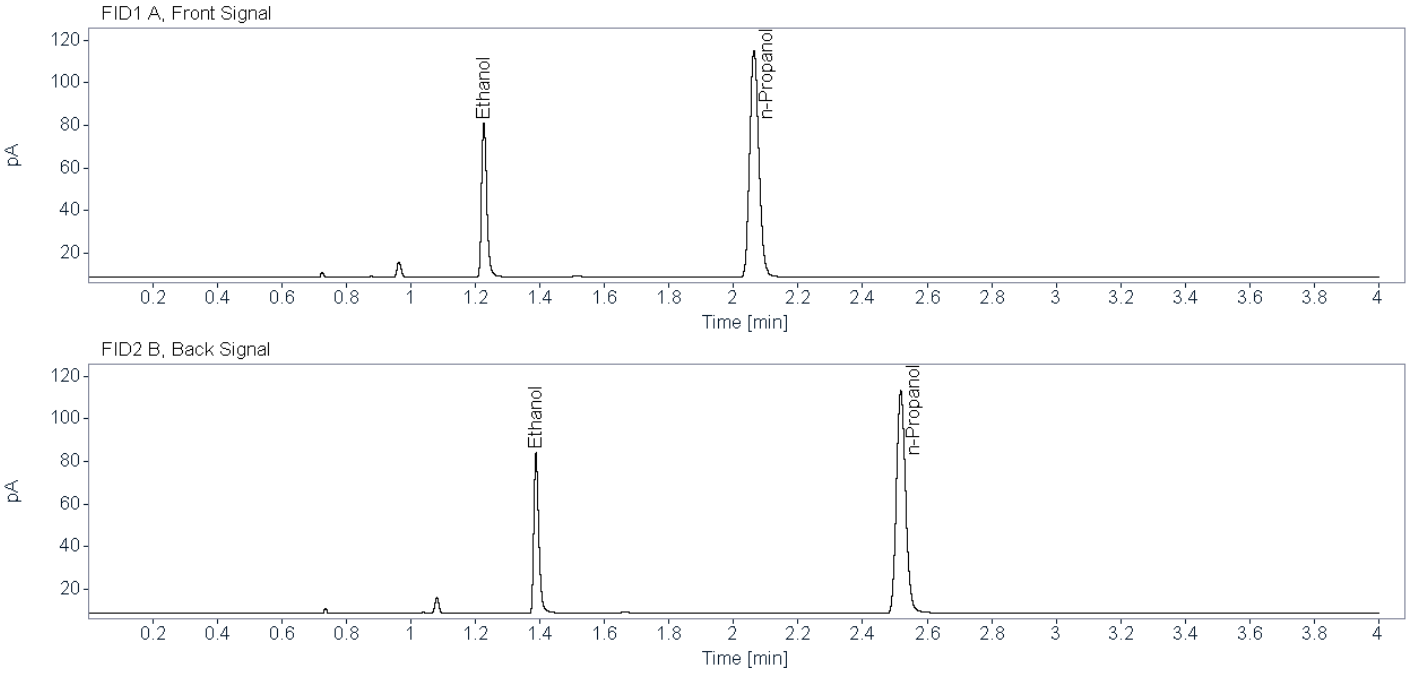
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78158	1.225	1.224	200.3764	0.1967
n-Propanol	0.84115	2.063	2.063	207.9854	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75868	1.386	1.385	198.3962	0.1971
n-Propanol	0.85613	2.518	2.516	204.1082	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-1450) **Description:** **Sample Barcode** 25-1450 **Vial Number:** 33
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 12:38:59 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\033F3301.D



Name FID1A

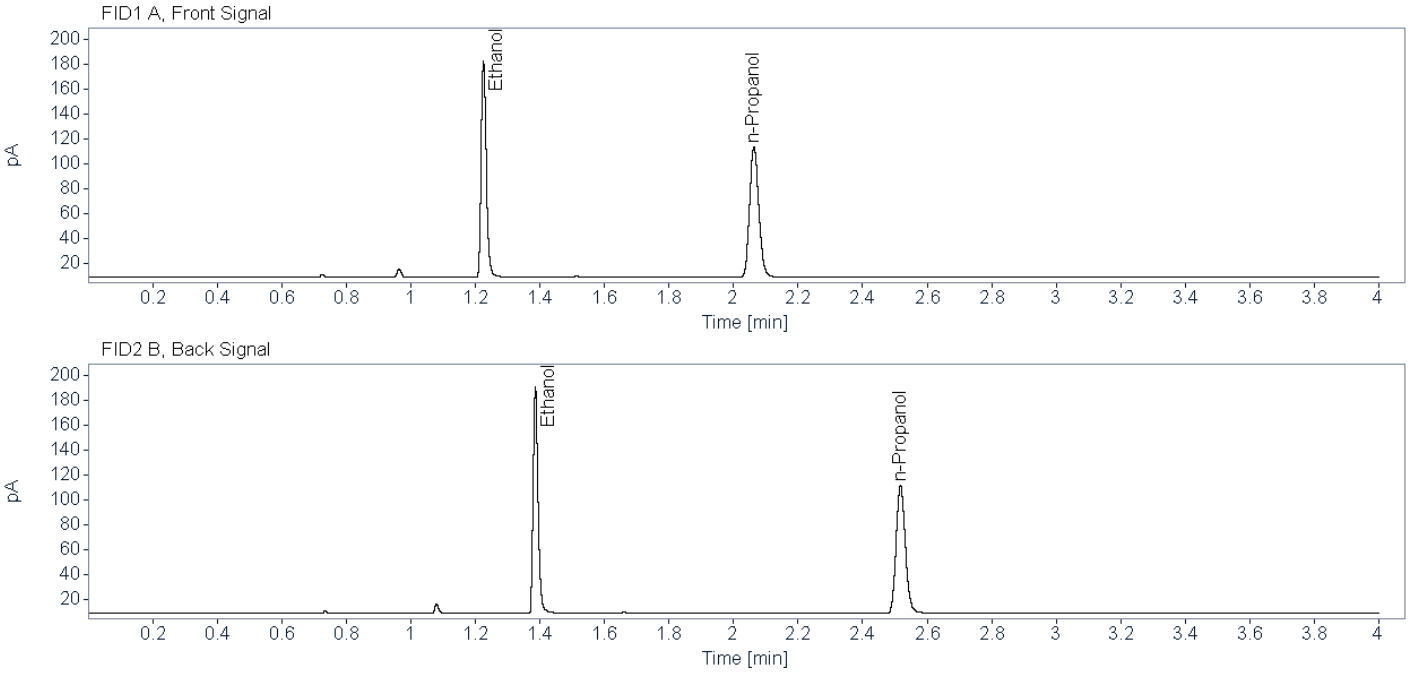
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74471	1.226	1.224	81.2175	0.0789
n-Propanol	0.84491	2.063	2.063	211.8232	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71225	1.388	1.385	80.3615	0.0791
n-Propanol	0.84451	2.518	2.516	207.9001	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-1461) **Description:** **Sample Barcode** 25-1461 **Vial Number:** 44
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 1:35:41 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\044F4401.D



Name FID1A

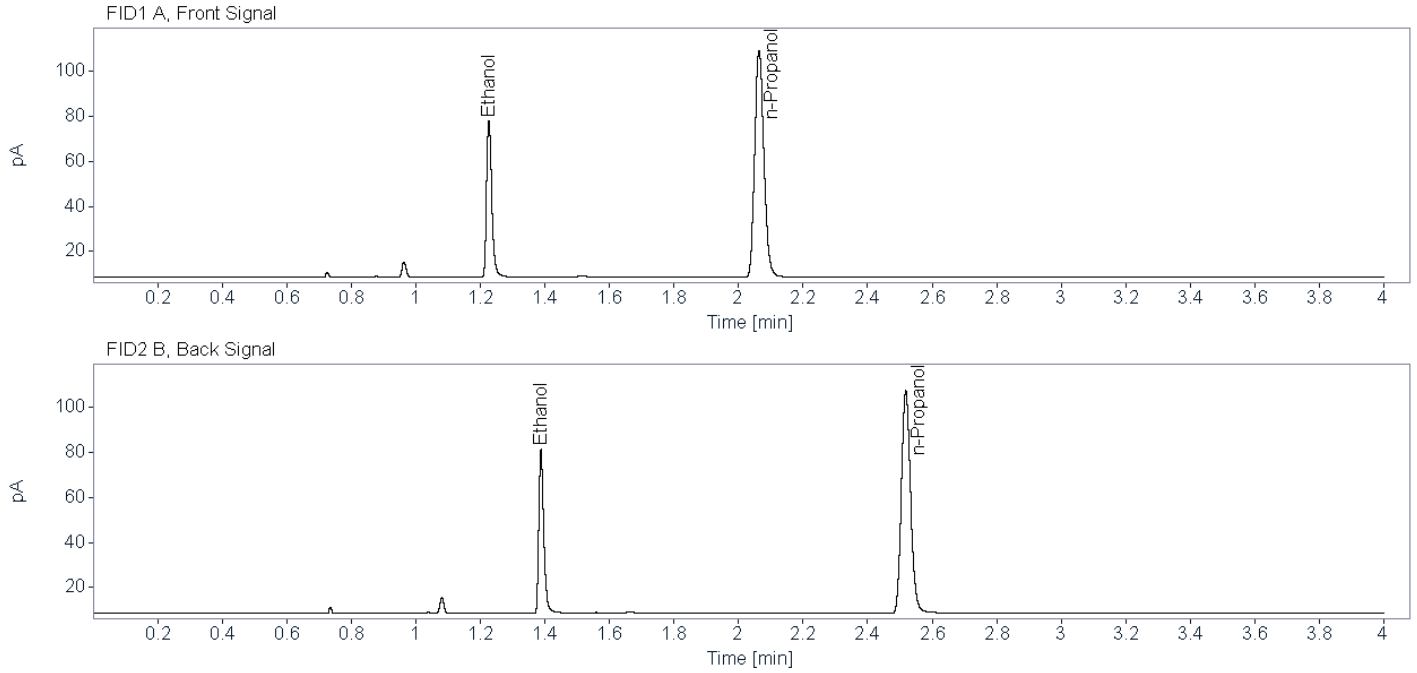
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77924	1.225	1.224	193.9244	0.1898
n-Propanol	0.84711	2.063	2.063	208.6046	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75594	1.386	1.385	191.5656	0.1900
n-Propanol	0.85904	2.517	2.516	204.4780	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-1472) **Description:** **Sample Barcode** 25-1472 **Vial Number:** 55
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 2:33:22 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\055F5501.D



Name FID1A

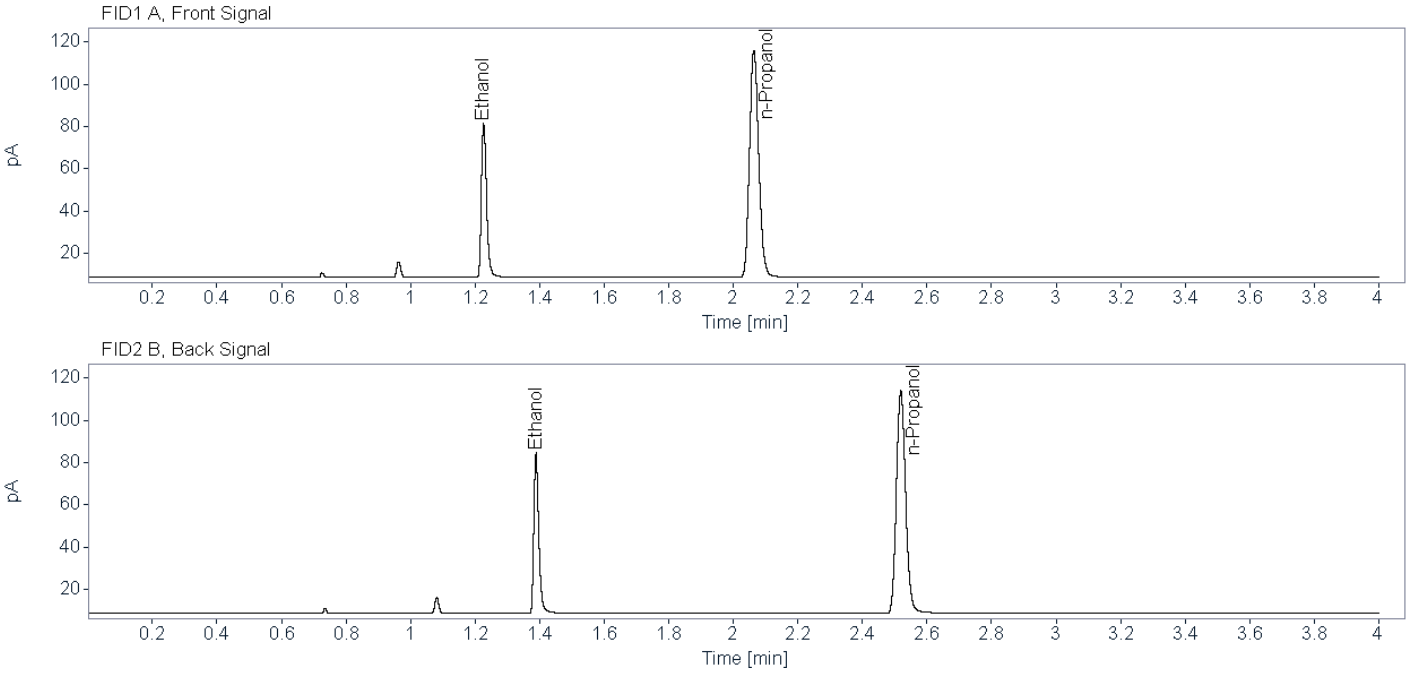
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73955	1.226	1.224	78.1173	0.0805
n-Propanol	0.84120	2.064	2.063	199.4301	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70811	1.388	1.385	77.2792	0.0807
n-Propanol	0.85831	2.518	2.516	195.9927	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: new Blood QC A (25-1473) **Description:** **Sample Barcode** **Vial Number:** 56
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 2:38:05 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\056F5601.D



Name FID1A

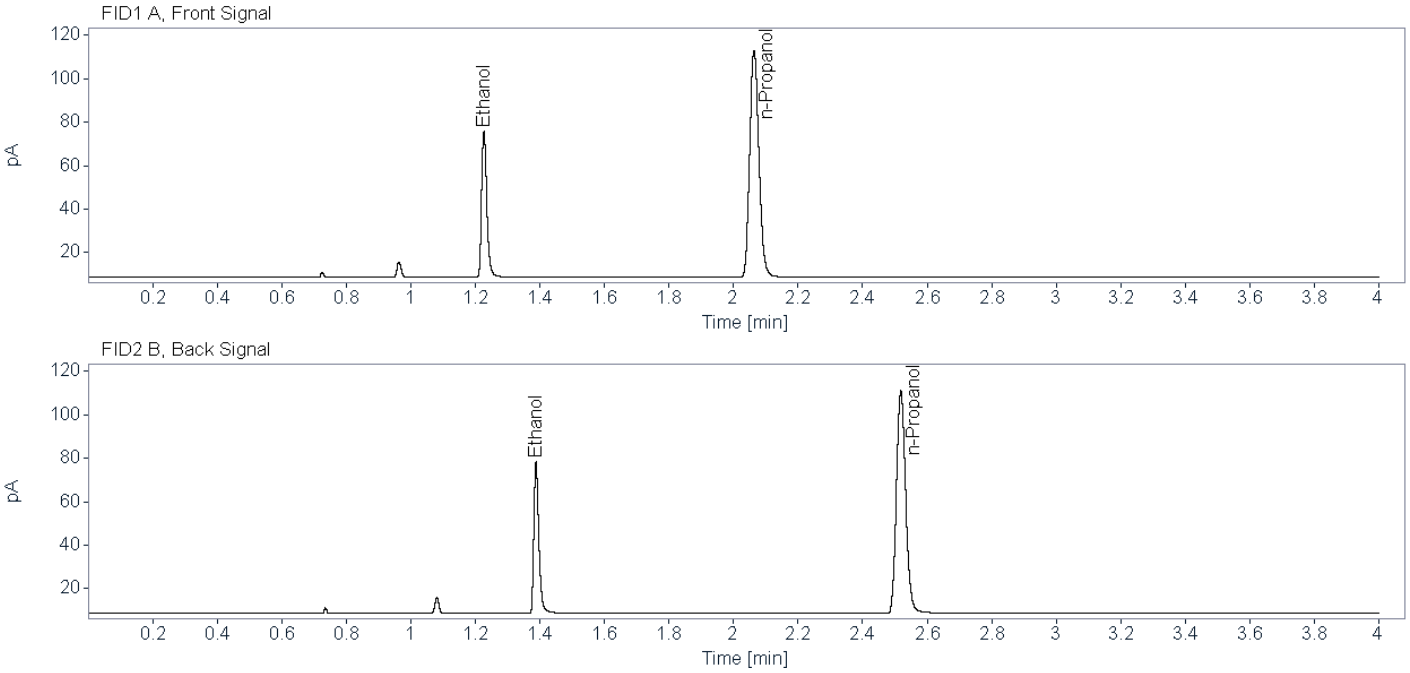
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73984	1.227	1.224	81.2663	0.0784
n-Propanol	0.84053	2.064	2.063	213.1958	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71335	1.389	1.385	80.6525	0.0788
n-Propanol	0.86257	2.519	2.516	209.5421	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: new Blood QC A (25-1474) **Description:** **Sample Barcode** 25-1474 **Vial Number:** 57
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 2:43:46 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\057F5701.D



Name FID1A

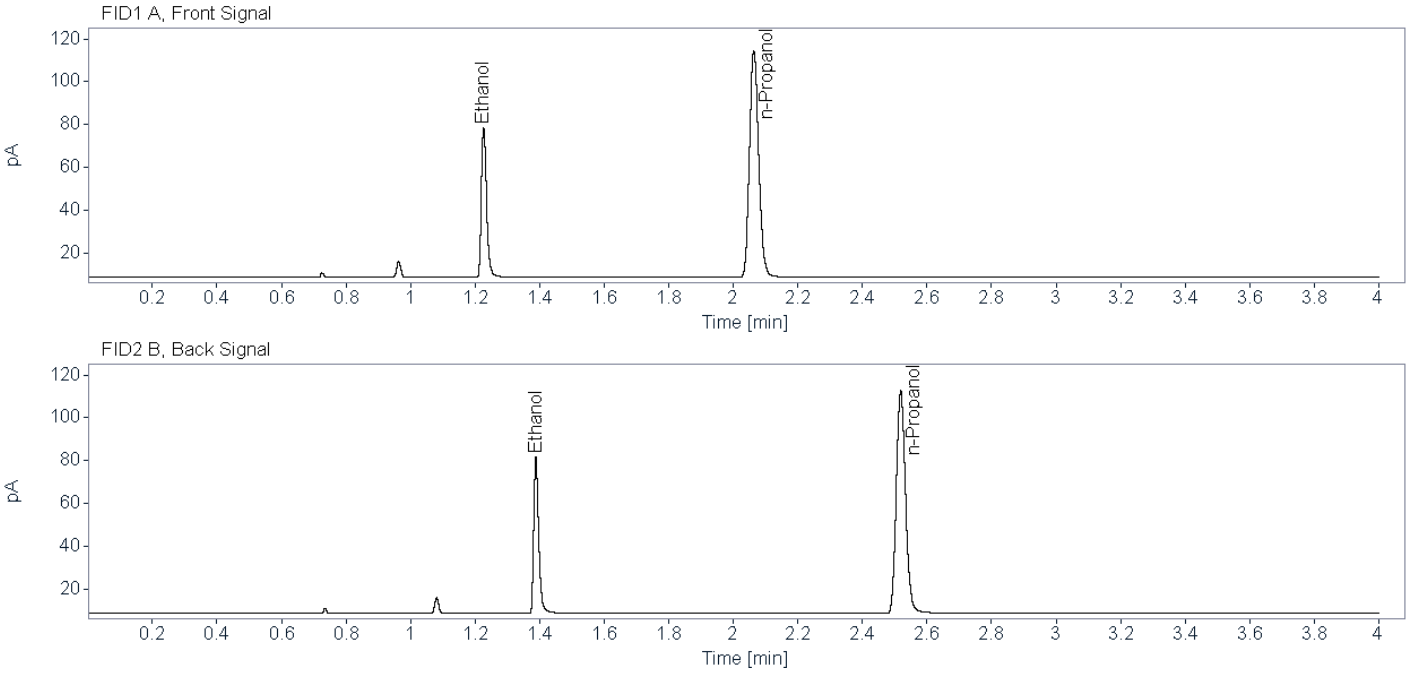
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74433	1.227	1.224	75.2412	0.0746
n-Propanol	0.84504	2.064	2.063	207.6733	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70669	1.388	1.385	74.6447	0.0751
n-Propanol	0.84132	2.518	2.516	203.6882	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: new Blood QC A (25-1475) **Description:** **Sample Barcode** 25-1475 **Vial Number:** 58
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 2:48:29 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\058F5801.D



Name FID1A

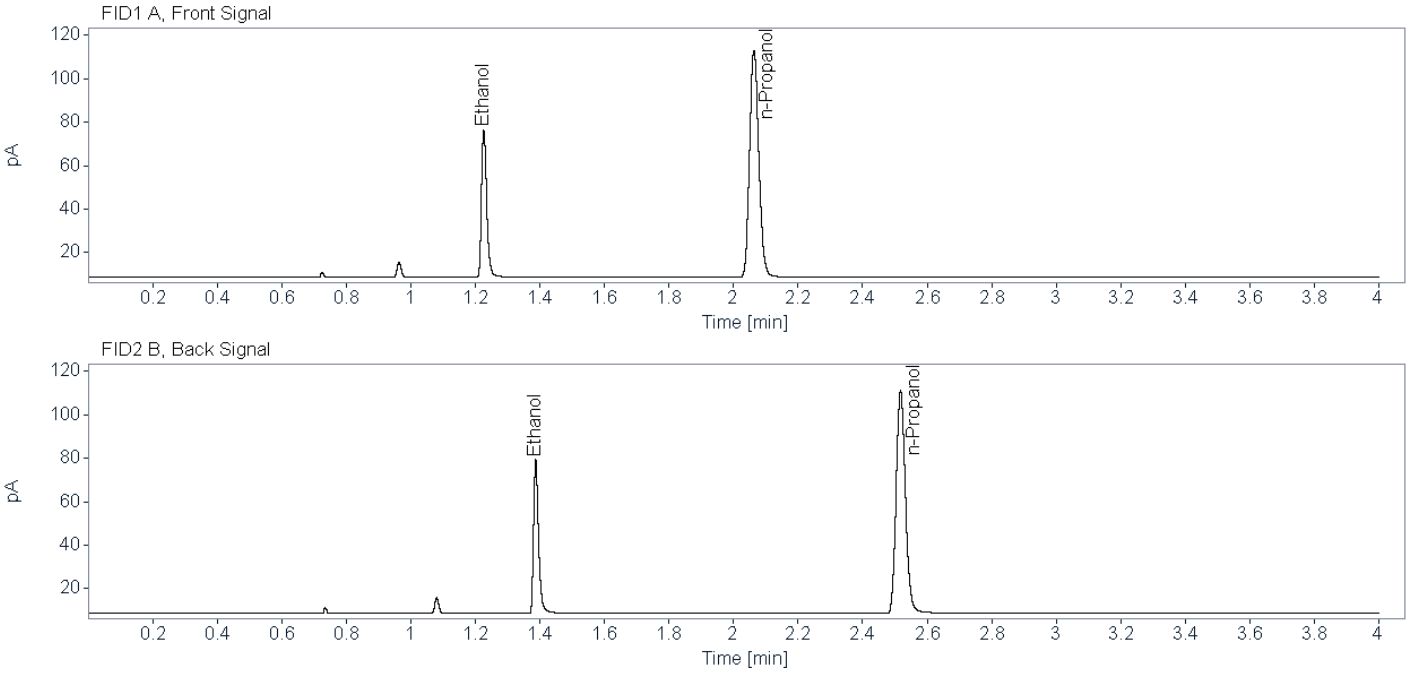
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73744	1.227	1.224	78.4449	0.0766
n-Propanol	0.84167	2.064	2.063	210.6246	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70933	1.389	1.385	77.7106	0.0769
n-Propanol	0.86000	2.519	2.516	206.9662	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: new Blood QC A (25-1476) **Description:** **Sample Barcode** 25-1476 **Vial Number:** 59
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 2:54:10 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\059F5901.D



Name FID1A

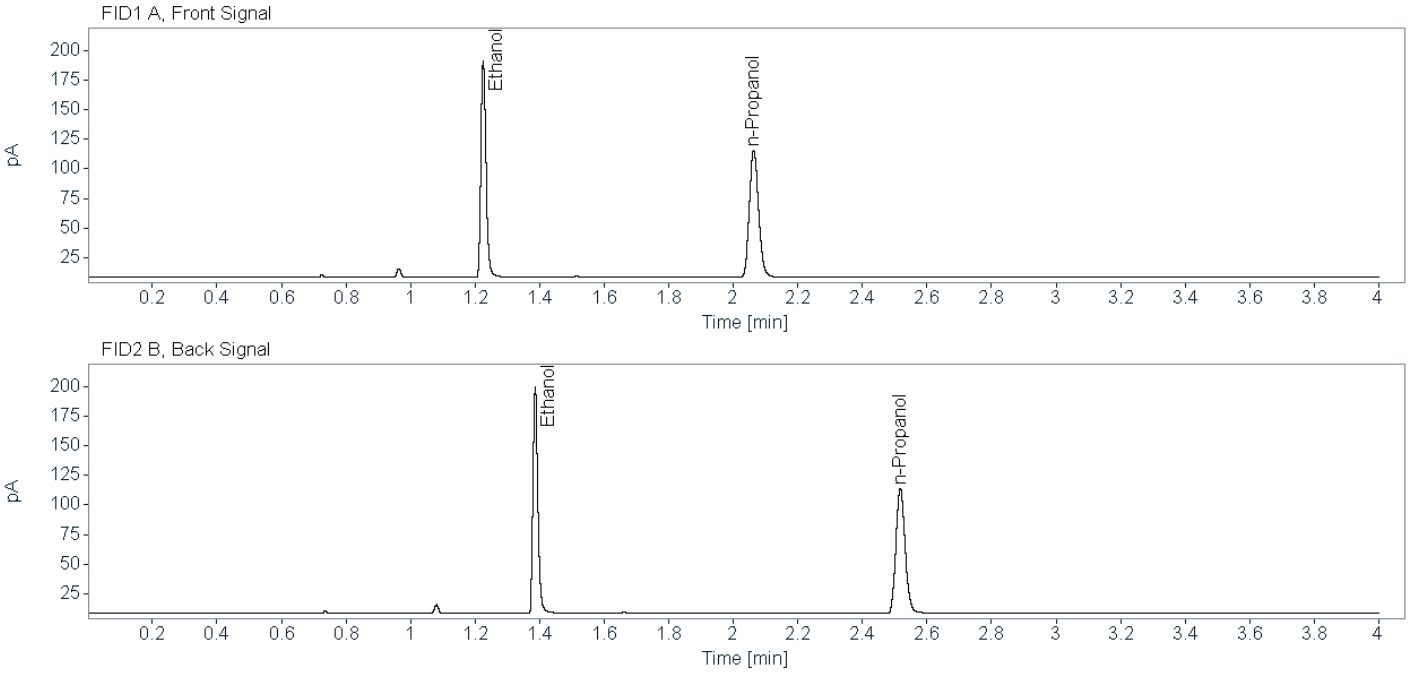
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73538	1.226	1.224	76.0304	0.0753
n-Propanol	0.84289	2.063	2.063	207.7985	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71757	1.387	1.385	75.3869	0.0759
n-Propanol	0.85982	2.518	2.516	203.3129	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-1477) **Description:** **Sample Barcode** 25-1477 **Vial Number:** 60
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 2:58:53 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\060F6001.D



Name FID1A

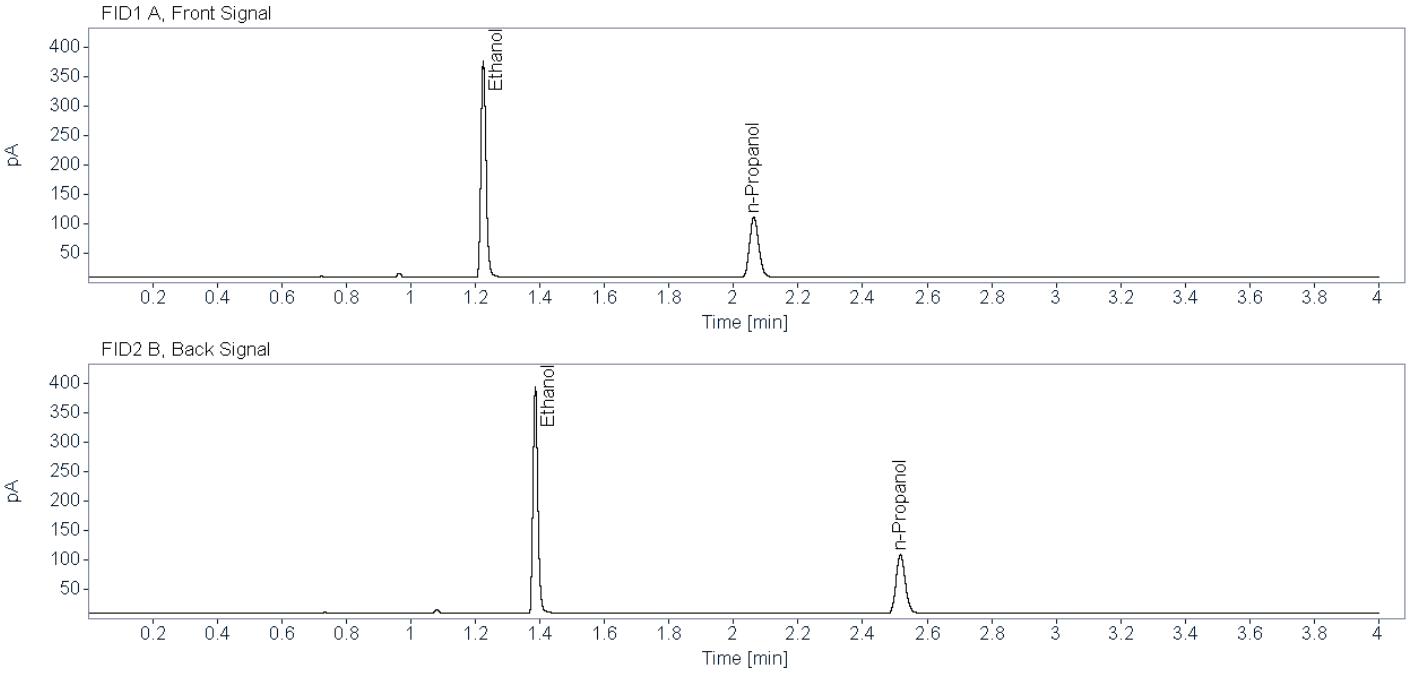
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77935	1.225	1.224	202.3797	0.1937
n-Propanol	0.83767	2.063	2.063	213.3475	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75681	1.386	1.385	200.1744	0.1941
n-Propanol	0.85460	2.518	2.516	209.1061	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-1478) **Description:** **Sample Barcode** 25-1478 **Vial Number:** 61
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 3:04:35 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\061F6101.D



Name FID1A

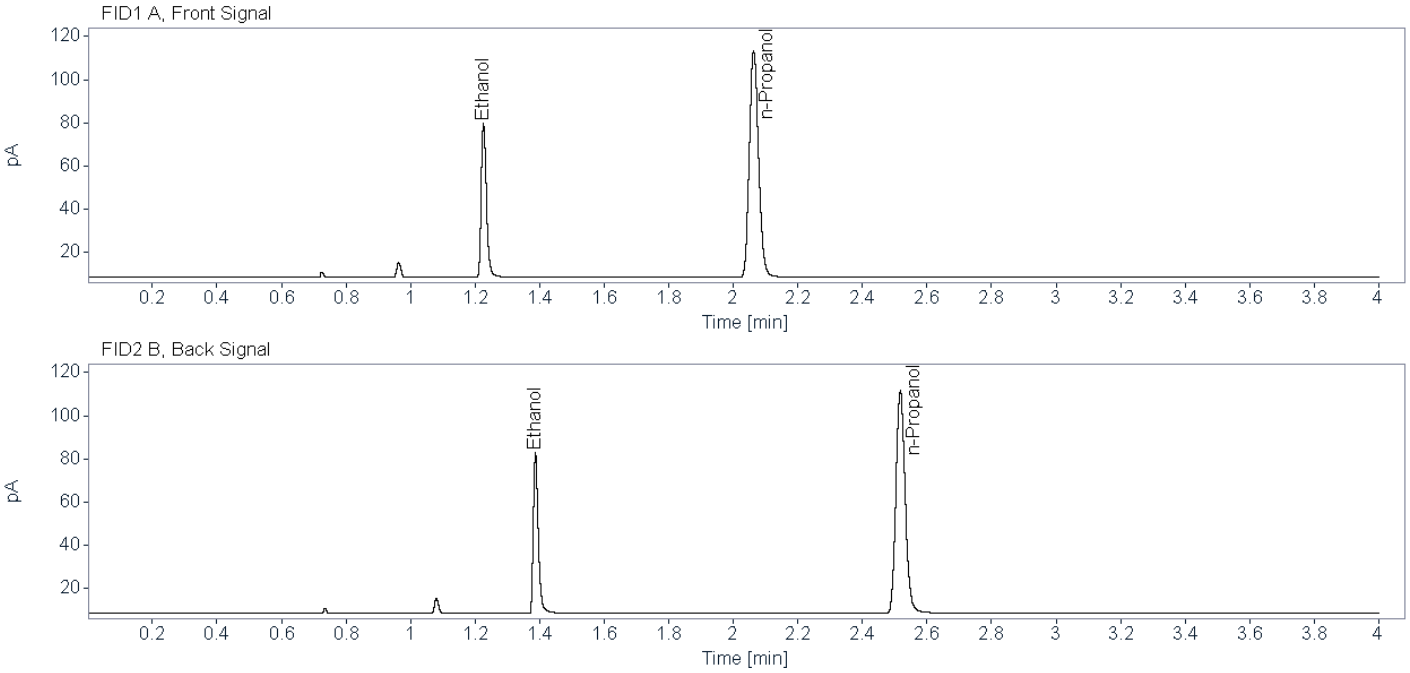
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81116	1.225	1.224	405.7672	0.4060
n-Propanol	0.84256	2.063	2.063	203.4678	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81469	1.386	1.385	402.0815	0.4077
n-Propanol	0.85467	2.517	2.516	199.3142	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-1479) **Description:** **Sample Barcode** **Vial Number:** 62
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 3:09:17 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\062F6201.D



Name FID1A

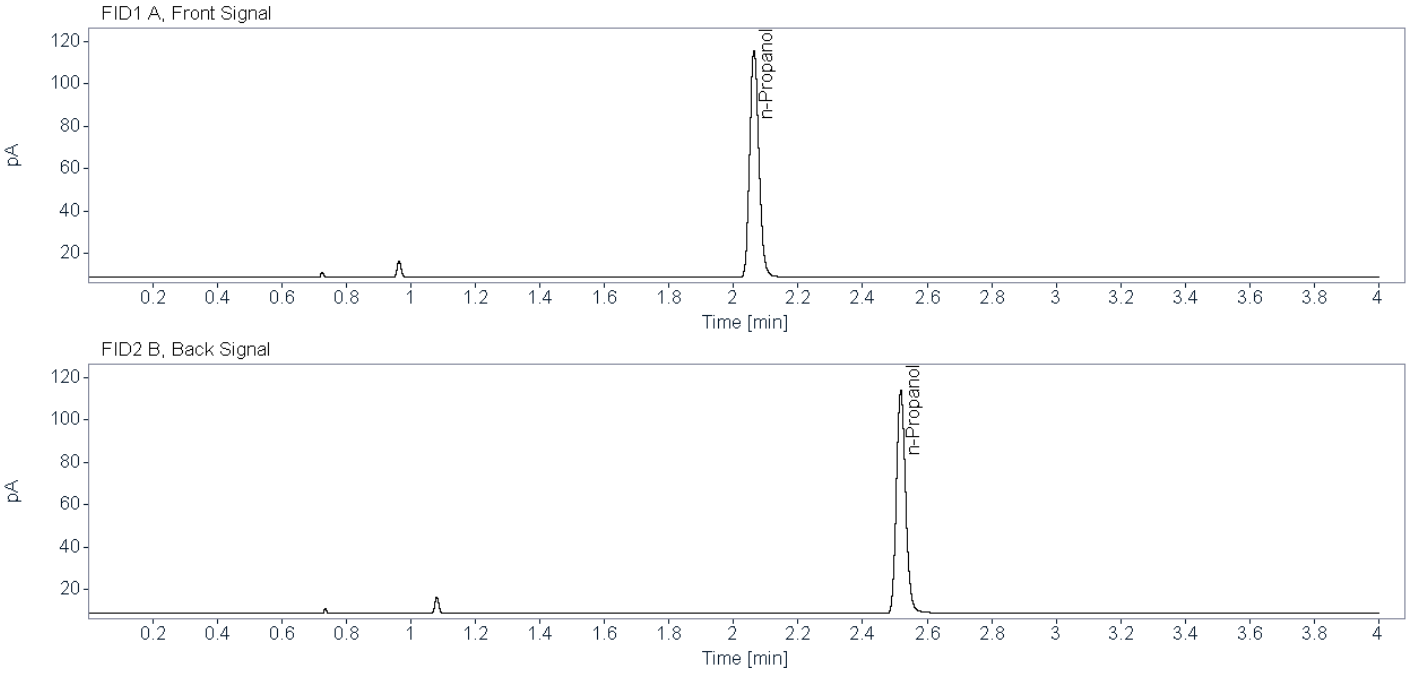
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74424	1.226	1.224	80.0179	0.0789
n-Propanol	0.83266	2.063	2.063	208.5568	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70088	1.387	1.385	79.0608	0.0792
n-Propanol	0.85449	2.518	2.516	204.4040	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (25-1480) **Description:** **Sample Barcode** 25-1480 **Vial Number:** 63
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 3:14:58 PM
Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\063F6301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84496	2.064	2.063	213.3075	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85366	2.518	2.516	209.0487	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1547 001_001

Batch Name: BAC_20250924_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:

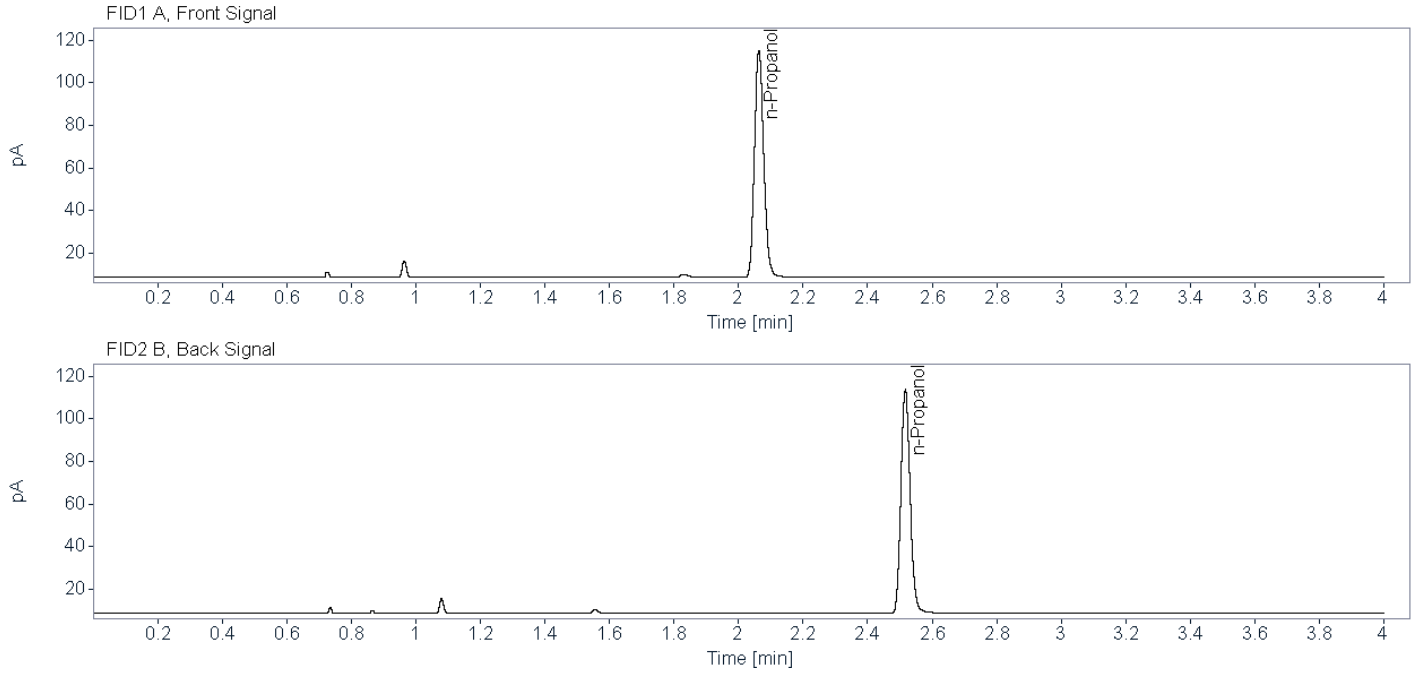
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1547 001_001 (25-1429) **Description:** Alq 1 **Sample Barcode** 25-1429 **Vial Number:** 12

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 10:49:17 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\012F1201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85141	2.063	2.063	211.8191	0.0100

Name FID2B

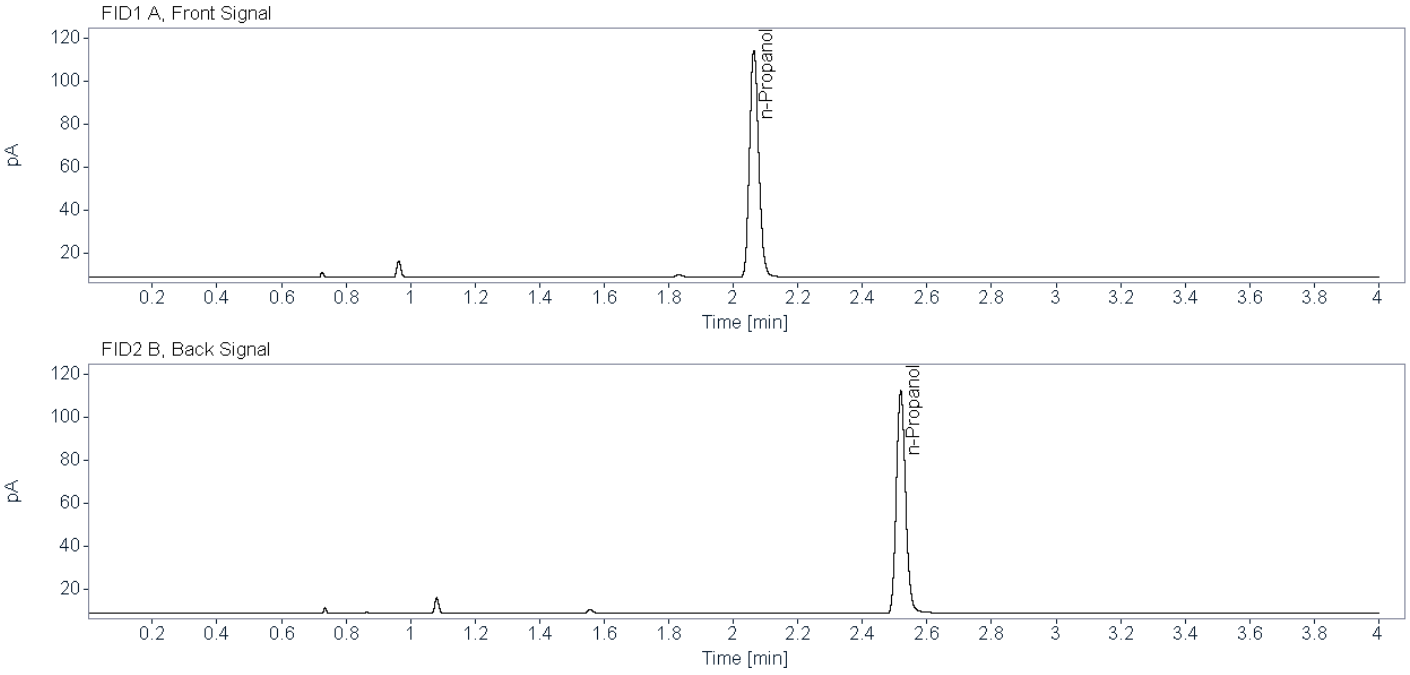
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86040	2.517	2.516	208.3296	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1547 001_001 (25-1471) **Description:** Alq 2 **Sample Barcode** 25-1471 **Vial Number:** 54

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 2:27:40 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84304	2.064	2.063	210.4244	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86236	2.519	2.516	206.6715	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1548 001_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1170	Aliquot 1:	0.1168
	Aliquot 2:	0.1186	Aliquot 2:	0.1191

Reported Result: **0.117** **g/100 mL**

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

Comments:

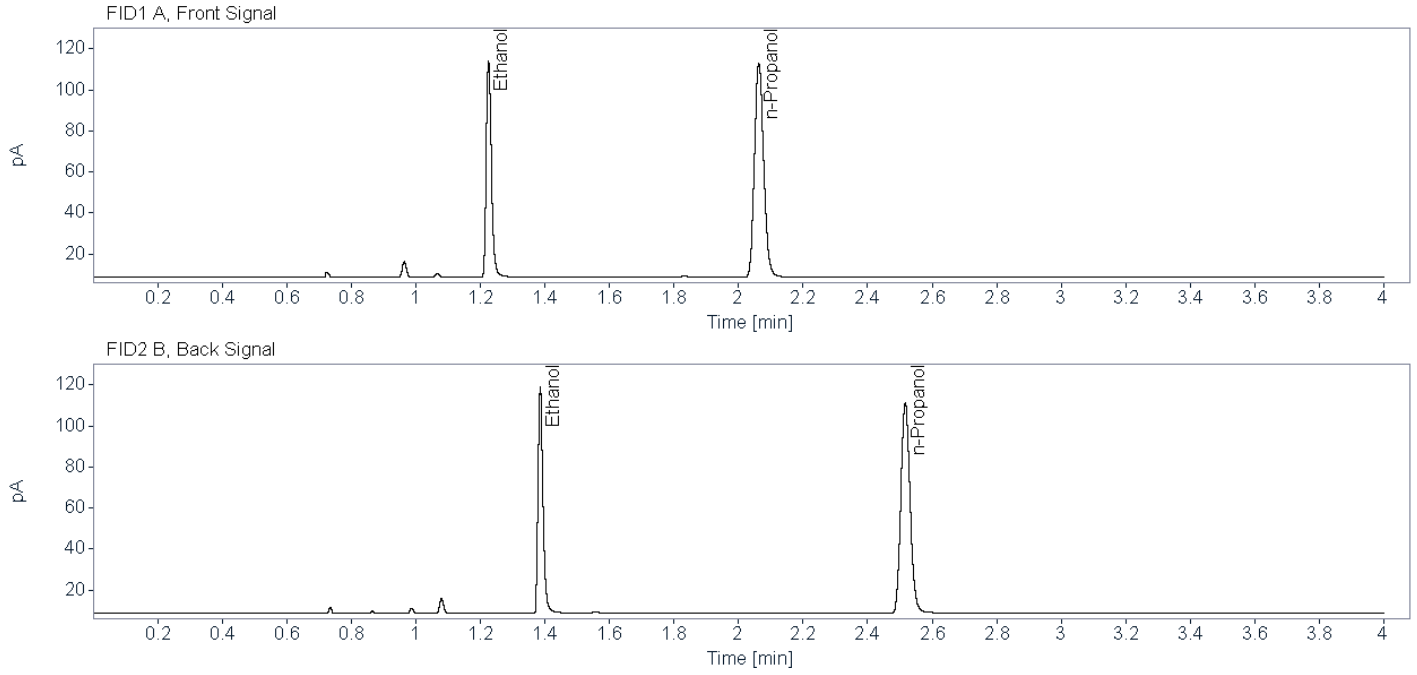
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1548 001_001 (25-1430) **Description:** Alq 1 **Sample Barcode** 25-1430 **Vial Number:** 13

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 10:54:58 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\013F1301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76064	1.225	1.224	118.2964	0.1170
n-Propanol	0.84323	2.063	2.063	207.1194	0.0100

Name FID2B

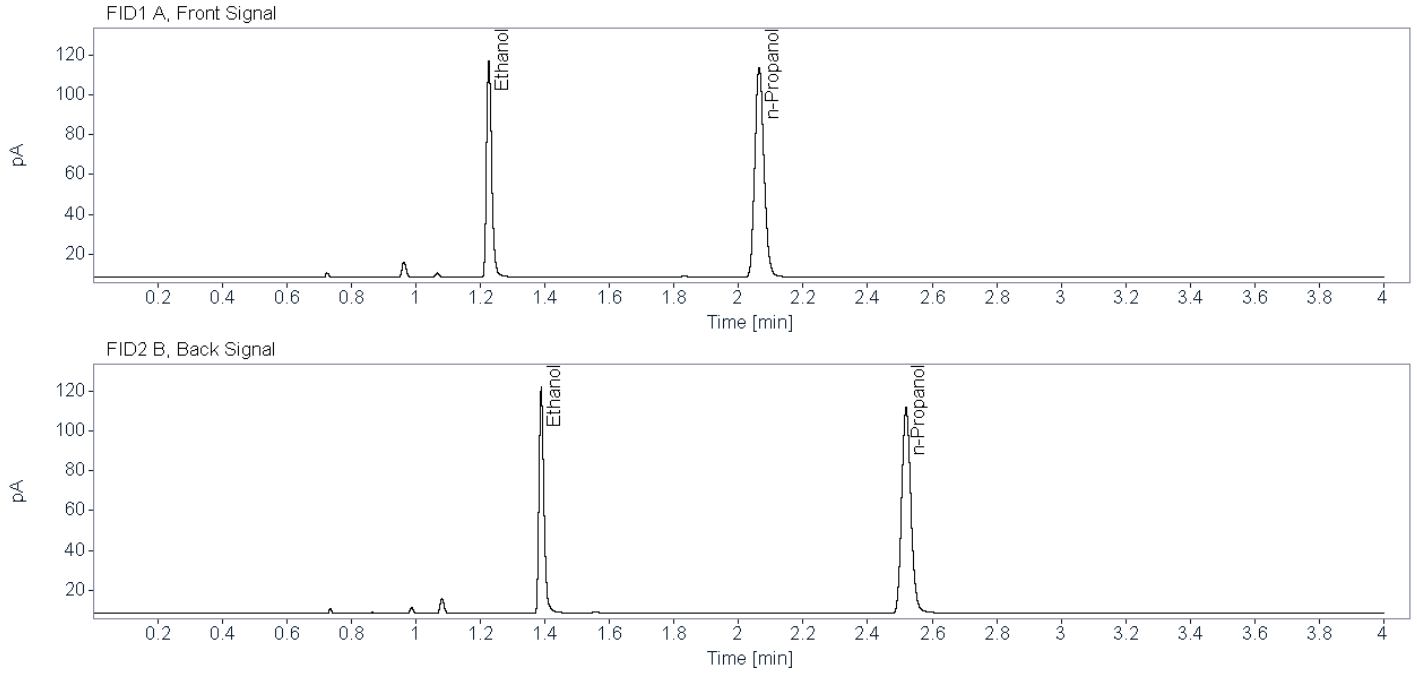
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72003	1.386	1.385	116.8657	0.1168
n-Propanol	0.85662	2.517	2.516	203.7803	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1548 001_001 (25-1470) **Description:** Alq 2 **Sample Barcode** 25-1470 **Vial Number:** 53

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 2:22:58 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75773	1.226	1.224	120.6297	0.1186
n-Propanol	0.84839	2.064	2.063	208.3483	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73632	1.389	1.385	119.6369	0.1191
n-Propanol	0.84635	2.519	2.516	204.5074	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1549 001_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1927	Aliquot 1:	0.1933
	Aliquot 2:	0.1886	Aliquot 2:	0.1889

Reported Result: **0.190** **g/100 mL**

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

Comments:

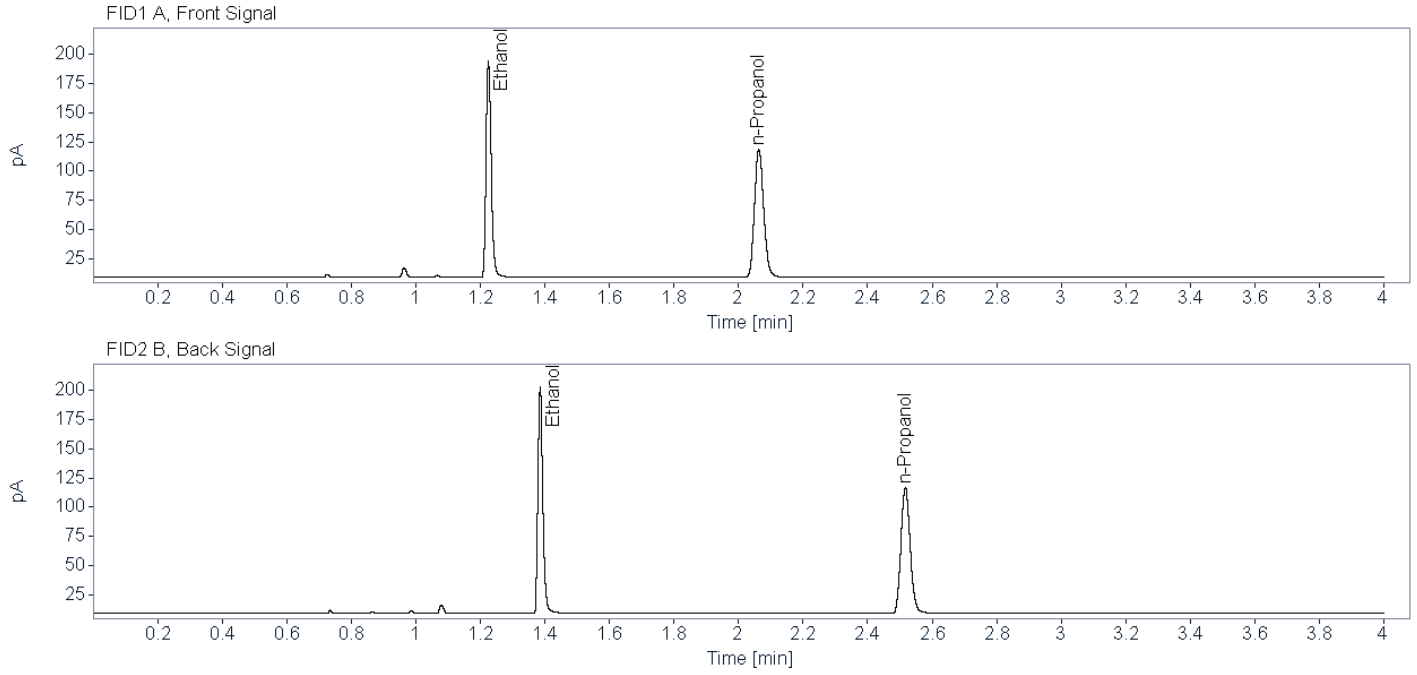
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1549 001_001 (25-1431) **Description:** Alq 1 **Sample Barcode** 25-1431 **Vial Number:** 14

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 10:59:41 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78288	1.225	1.224	206.2831	0.1927
n-Propanol	0.84650	2.063	2.063	218.5983	0.0100

Name FID2B

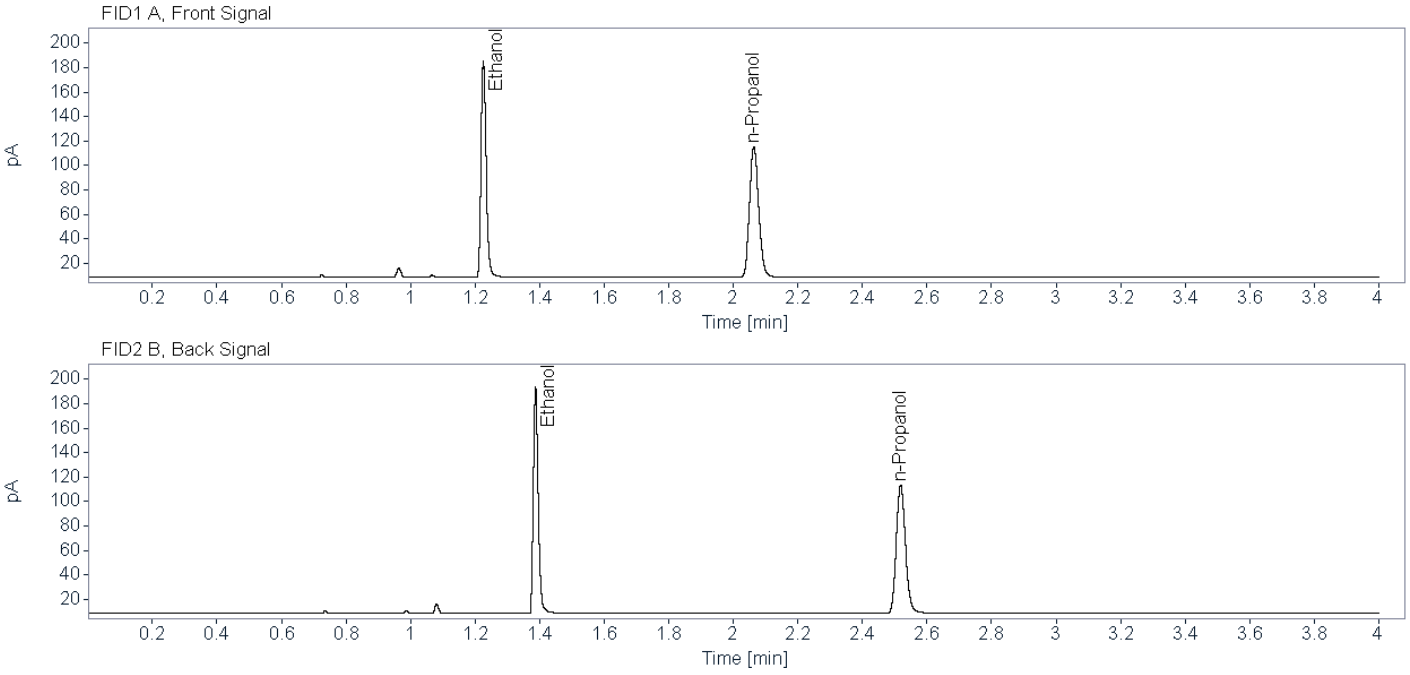
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76821	1.385	1.385	204.9190	0.1933
n-Propanol	0.86465	2.517	2.516	215.0027	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1549 001_001 (25-1469) **Description:** Alq 2 **Sample Barcode** 25-1469 **Vial Number:** 52

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 2:17:17 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78041	1.226	1.224	195.7706	0.1886
n-Propanol	0.84181	2.064	2.063	211.9909	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77013	1.387	1.385	193.9346	0.1889
n-Propanol	0.85937	2.519	2.516	208.2177	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1567 001_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1615	Aliquot 1:	0.1613
	Aliquot 2:	0.1617	Aliquot 2:	0.1618

Reported Result: 0.161 g/100 mL

Reported UM: 0.026 g/100 mL

Comments:

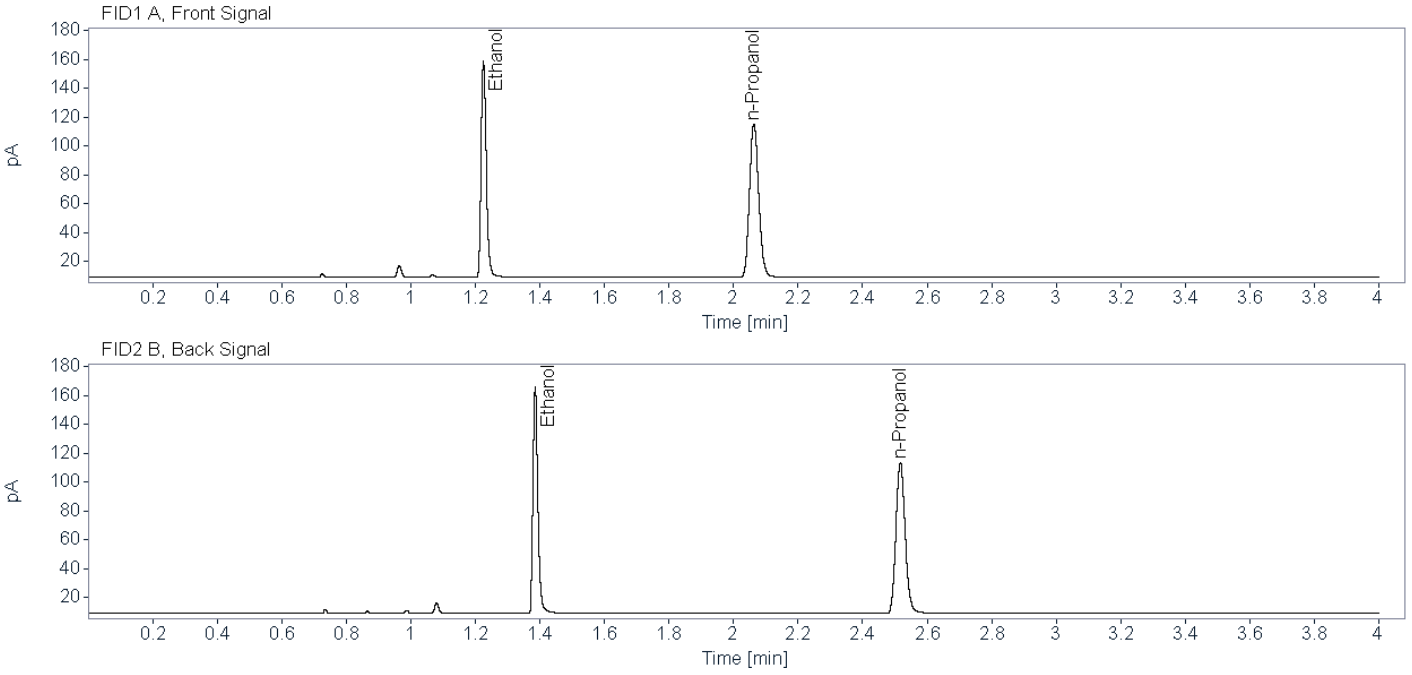
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1567 001_001 (25-1432) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 15

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 11:05:22 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\015F1501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77422	1.225	1.224	167.4256	0.1615
n-Propanol	0.85016	2.063	2.063	211.8783	0.0100

Name FID2B

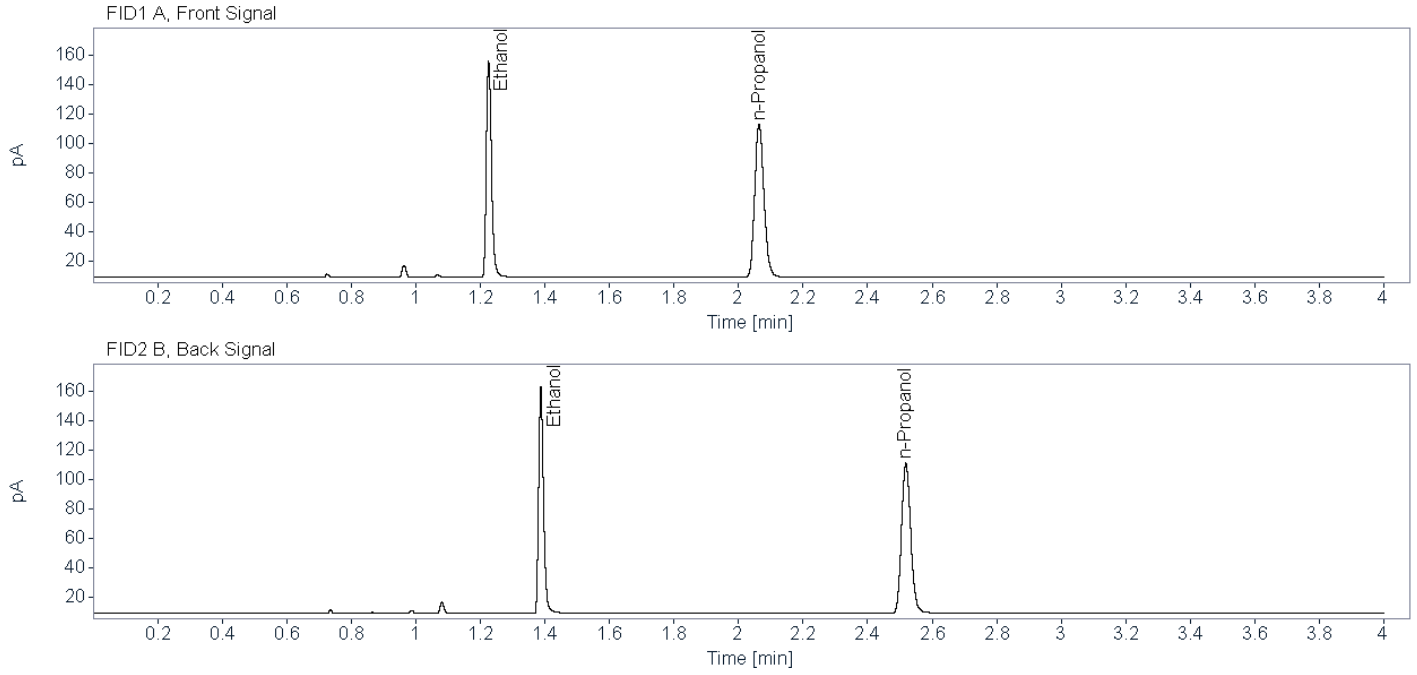
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74448	1.385	1.385	165.4649	0.1613
n-Propanol	0.86305	2.517	2.516	208.3158	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1567 001_001 (25-1468) **Description:** Alq 2 **Sample Barcode** 25-1468 **Vial Number:** 51

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 2:12:34 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76453	1.226	1.224	163.8921	0.1617
n-Propanol	0.84404	2.064	2.063	207.1481	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74983	1.388	1.385	161.9822	0.1618
n-Propanol	0.84703	2.519	2.516	203.2493	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1581 001_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0623	Aliquot 1:	0.0626
	Aliquot 2:	0.0629	Aliquot 2:	0.0631

Reported Result: **0.062** **g/100 mL**

Reported UM: **0.010** **g/100 mL**

Comments:

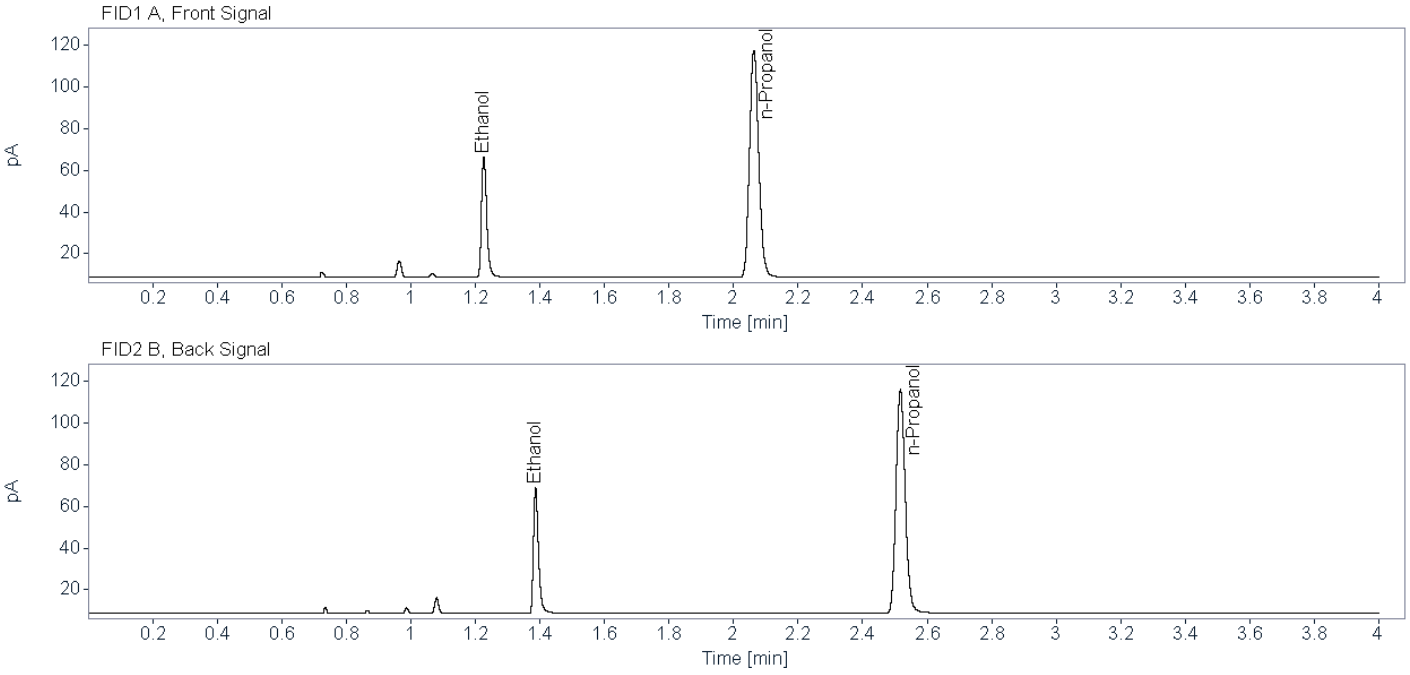
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1581 001_001 (25-1433) **Description:** Alq 1 **Sample Barcode** 25-1433 **Vial Number:** 16

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 11:10:05 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73094	1.226	1.224	65.2546	0.0623
n-Propanol	0.84864	2.063	2.063	216.1445	0.0100

Name FID2B

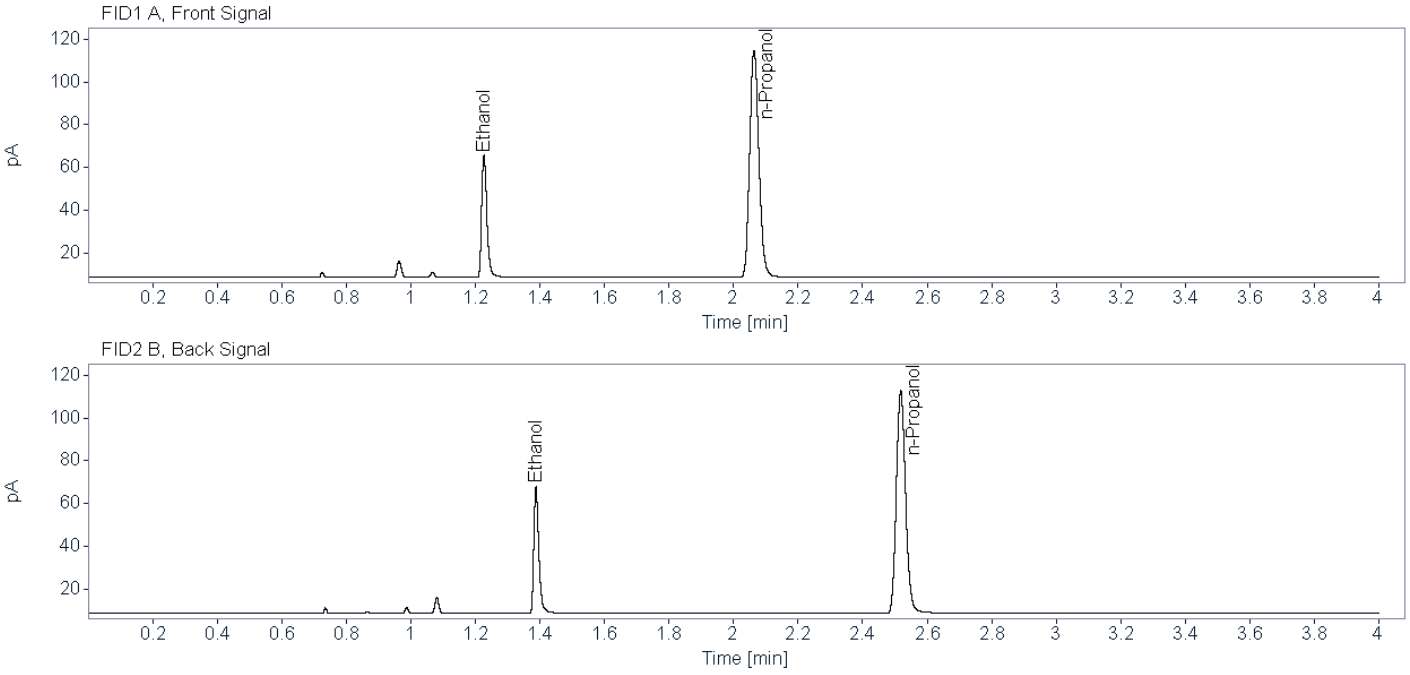
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70086	1.387	1.385	64.7100	0.0626
n-Propanol	0.86333	2.517	2.516	212.5538	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1581 001_001 (25-1467) **Description:** Alq 2 **Sample Barcode** 25-1467 **Vial Number:** 50

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 2:06:54 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74157	1.227	1.224	64.2574	0.0629
n-Propanol	0.84596	2.064	2.063	210.8585	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69580	1.388	1.385	63.6392	0.0631
n-Propanol	0.86442	2.518	2.516	207.2480	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1587 001_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0105	Aliquot 1:	0.0106
	Aliquot 2:	0.0107	Aliquot 2:	0.0109

Reported Result: **0.010** **g/100 mL**

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

Comments:

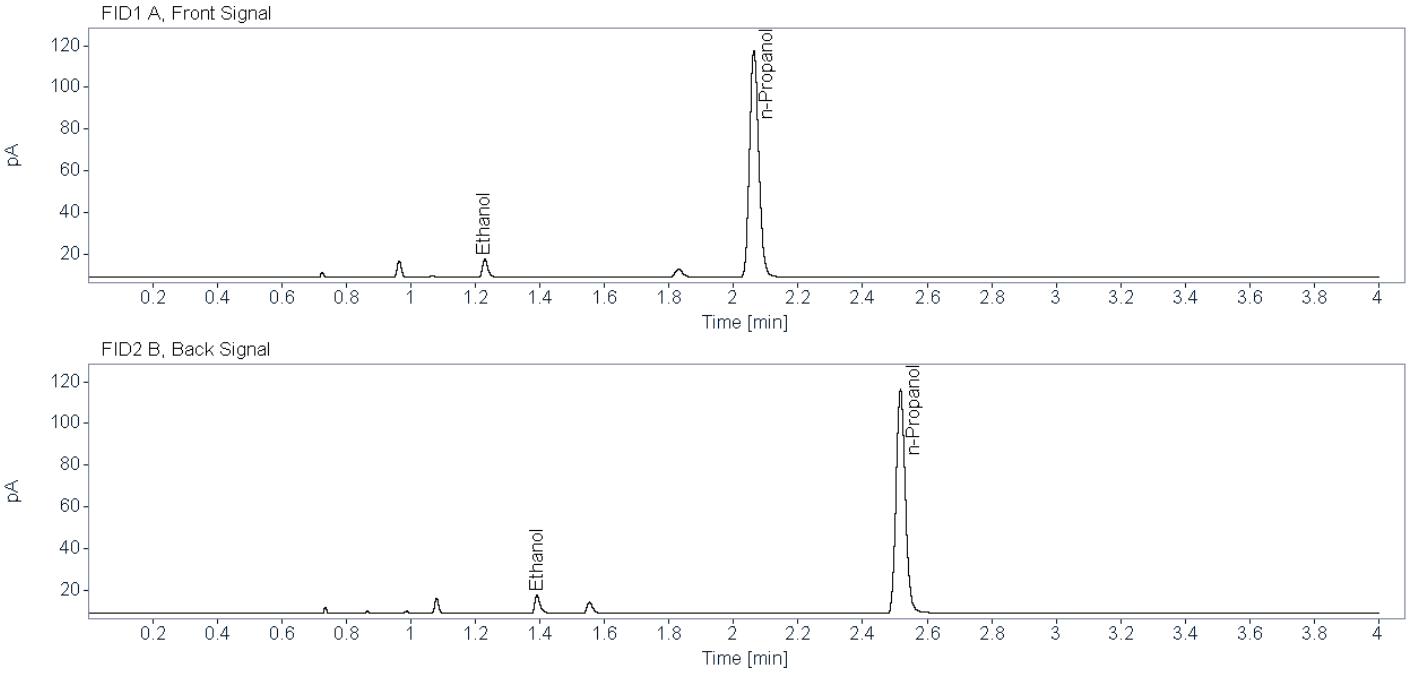
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1587 001_001 (25-1434) **Description:** Alq 1 **Sample Barcode** 25-1434 **Vial Number:** 17

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 11:15:46 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\017F1701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69462	1.229	1.224	10.1954	0.0105
n-Propanol	0.84937	2.063	2.063	216.7528	0.0100

Name FID2B

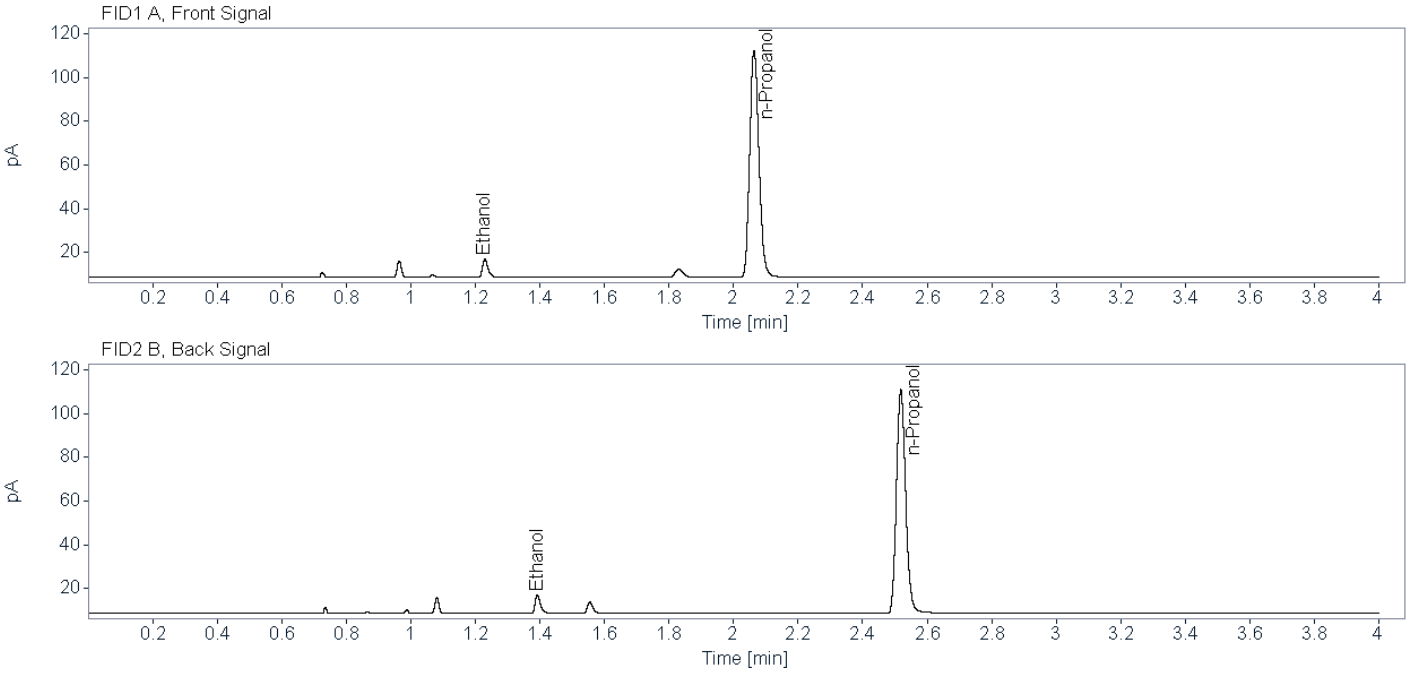
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.64213	1.391	1.385	9.9548	0.0106
n-Propanol	0.86648	2.517	2.516	212.9870	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1587 001_001 (25-1466) **Description:** Alq 2 **Sample Barcode** 25-1466 **Vial Number:** 49

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 2:02:10 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70081	1.230	1.224	9.8523	0.0107
n-Propanol	0.84617	2.064	2.063	206.6462	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.64292	1.392	1.385	9.6948	0.0109
n-Propanol	0.84283	2.518	2.516	202.7036	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1588 001_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1615	Aliquot 1:	0.1615
	Aliquot 2:	0.1634	Aliquot 2:	0.1635

Reported Result: **0.162** **g/100 mL**

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

Comments:

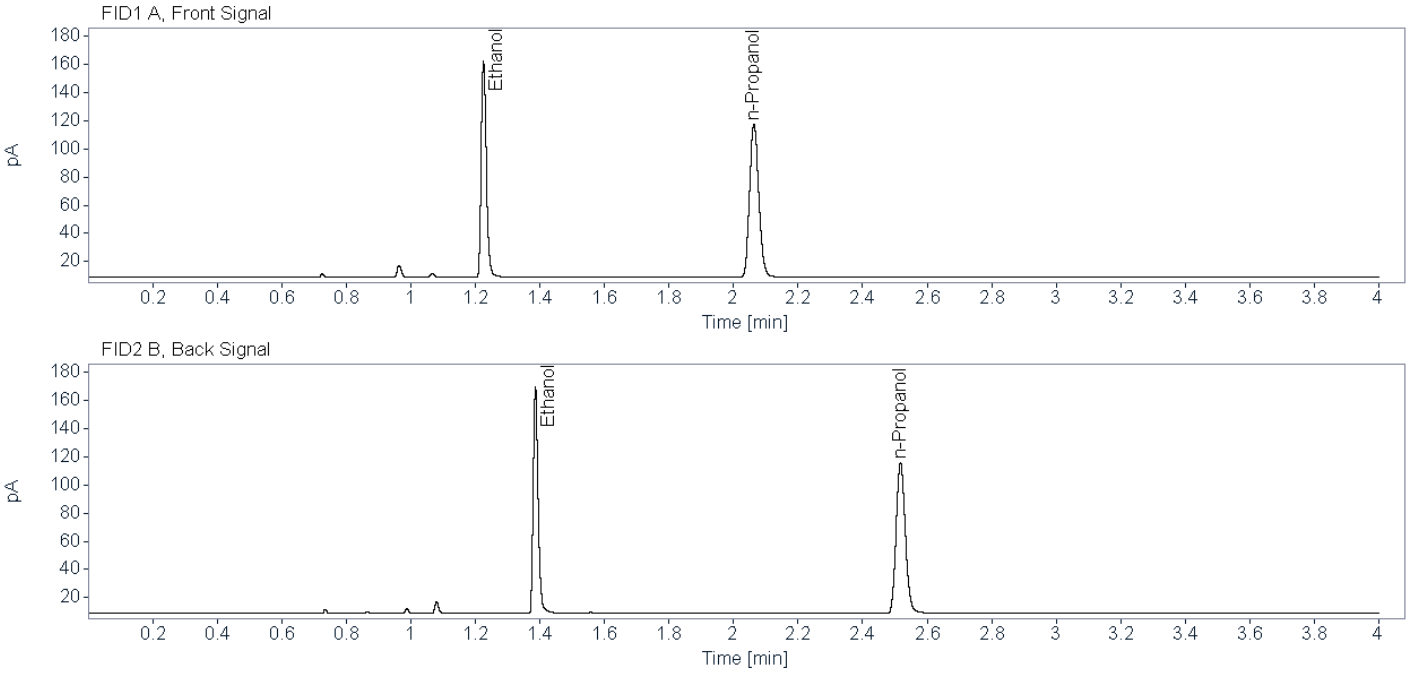
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1588 001_001 (25-1435) **Description:** Alq 1 **Sample Barcode** 25-1435 **Vial Number:** 18

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 11:20:29 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77766	1.225	1.224	171.1822	0.1615
n-Propanol	0.84736	2.063	2.063	216.6205	0.0100

Name FID2B

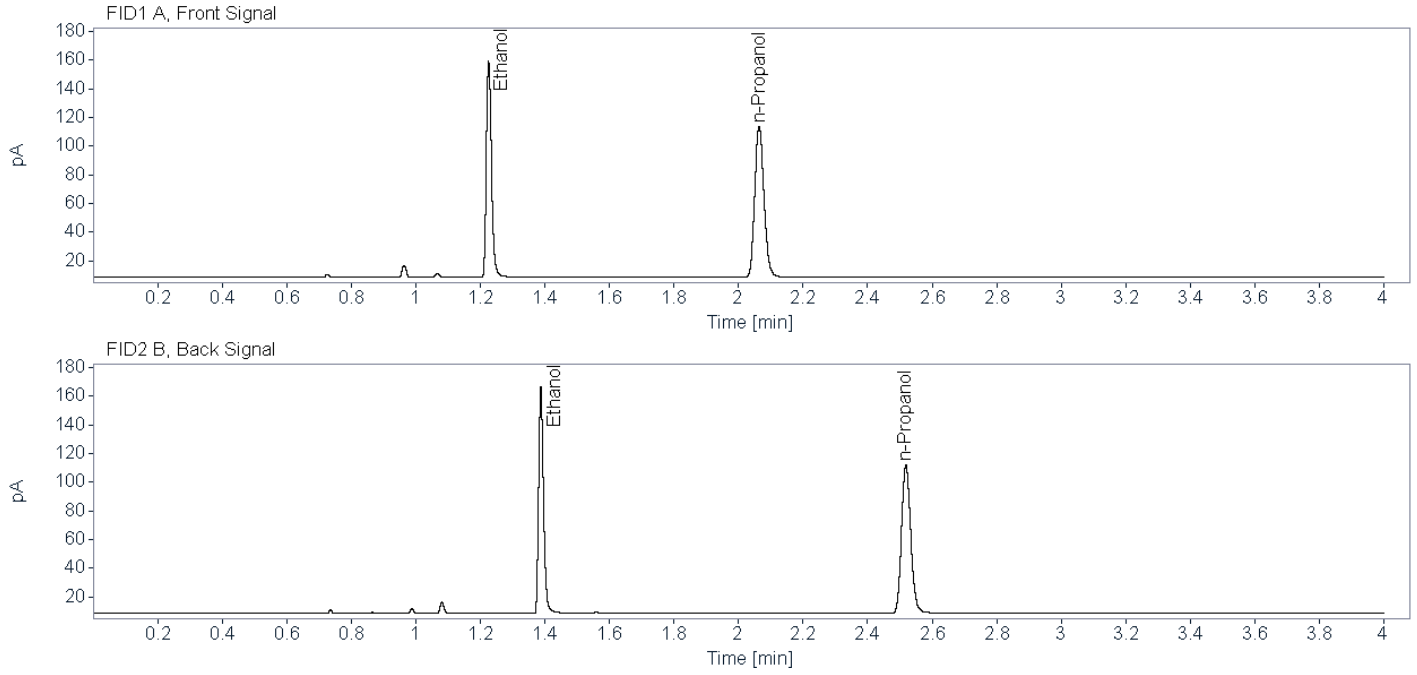
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75038	1.386	1.385	169.3719	0.1615
n-Propanol	0.86110	2.517	2.516	212.9609	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1588 001_001 (25-1465) **Description:** Alq 2 **Sample Barcode** 25-1465 **Vial Number:** 48

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 1:56:29 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76627	1.226	1.224	167.3021	0.1634
n-Propanol	0.84906	2.064	2.063	209.2306	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75243	1.388	1.385	165.3813	0.1635
n-Propanol	0.84493	2.519	2.516	205.3447	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1589 001_001

Batch Name: BAC_20250924_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:

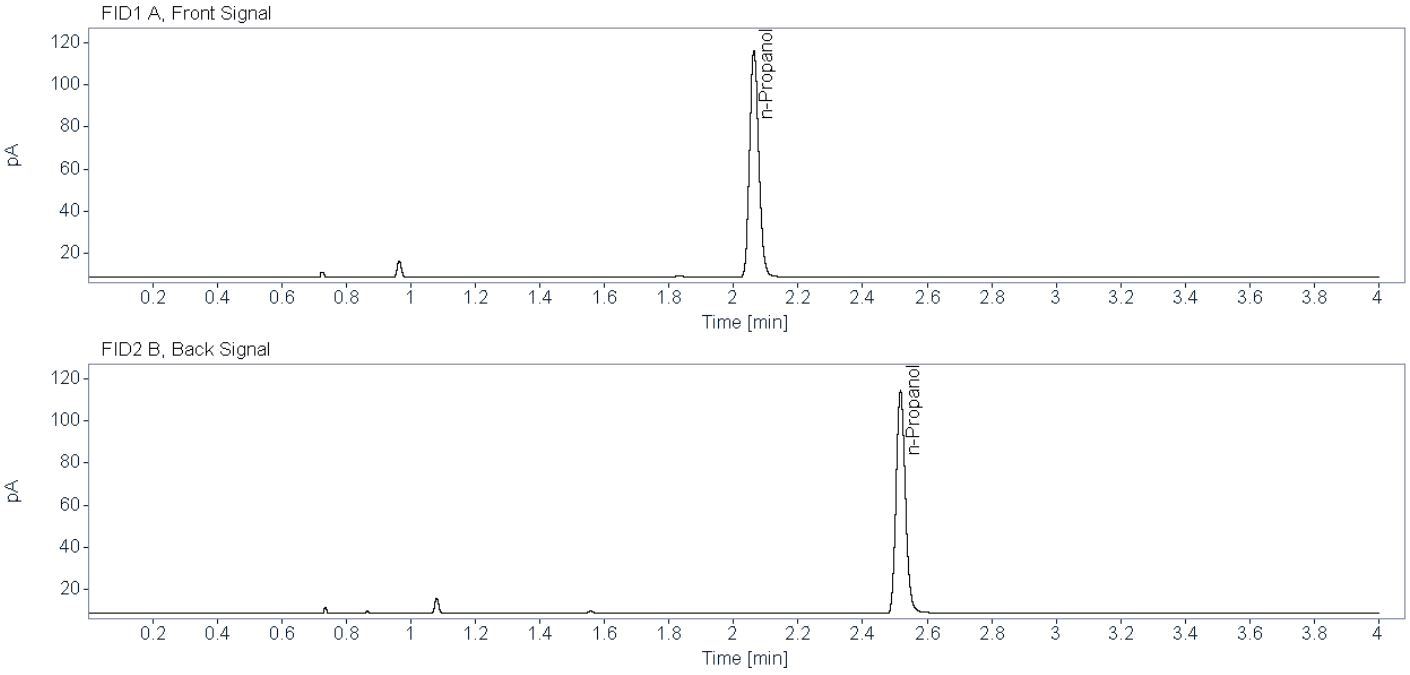
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1589 001_001 (25-1436) **Description:** Alq 1 **Sample Barcode** 25-1436 **Vial Number:** 19

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 11:26:11 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85016	2.063	2.063	213.7774	0.0100

Name FID2B

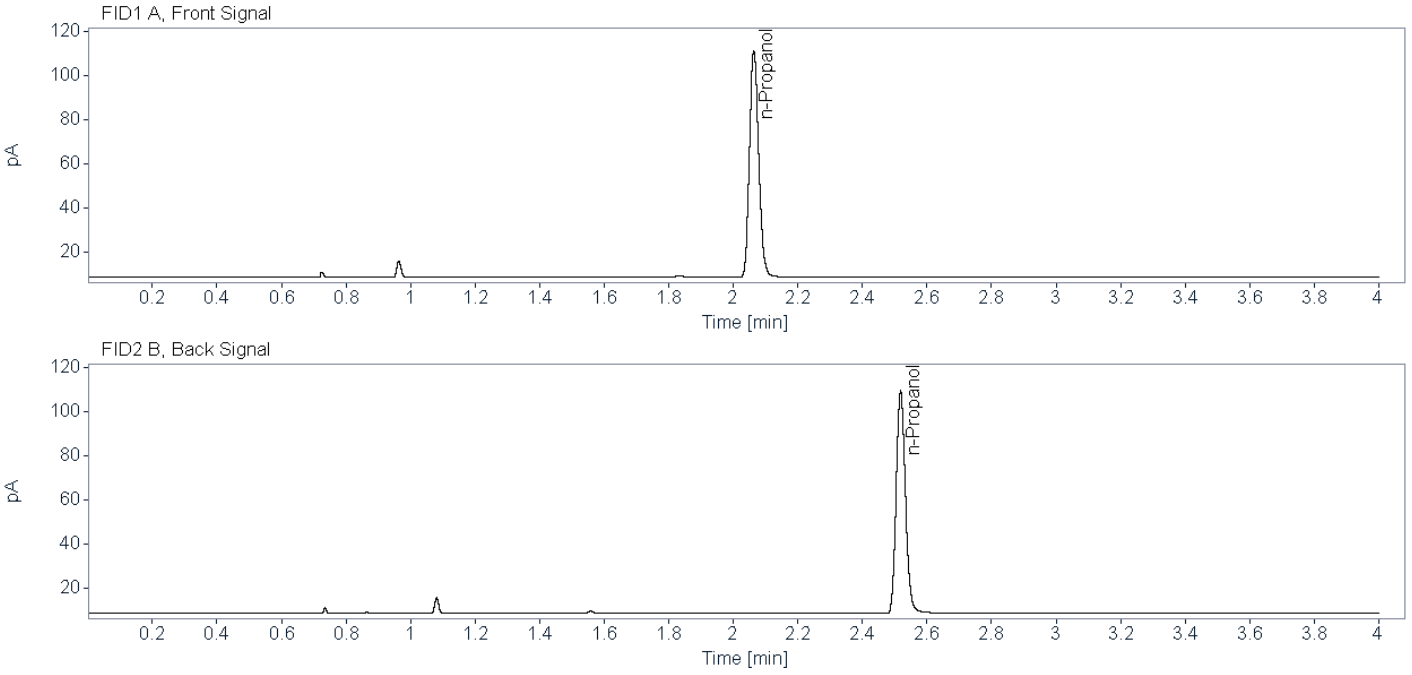
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86138	2.517	2.516	210.2005	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1589 001_001 (25-1464) **Description:** Alq 2 **Sample Barcode** 25-1464 **Vial Number:** 47

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 1:51:46 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83636	2.064	2.063	204.5201	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85883	2.518	2.516	200.6508	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1591 001_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1374	Aliquot 1:	0.1379
	Aliquot 2:	0.1372	Aliquot 2:	0.1377

Reported Result: 0.137 g/100 mL

Reported UM: 0.022 g/100 mL

Comments:

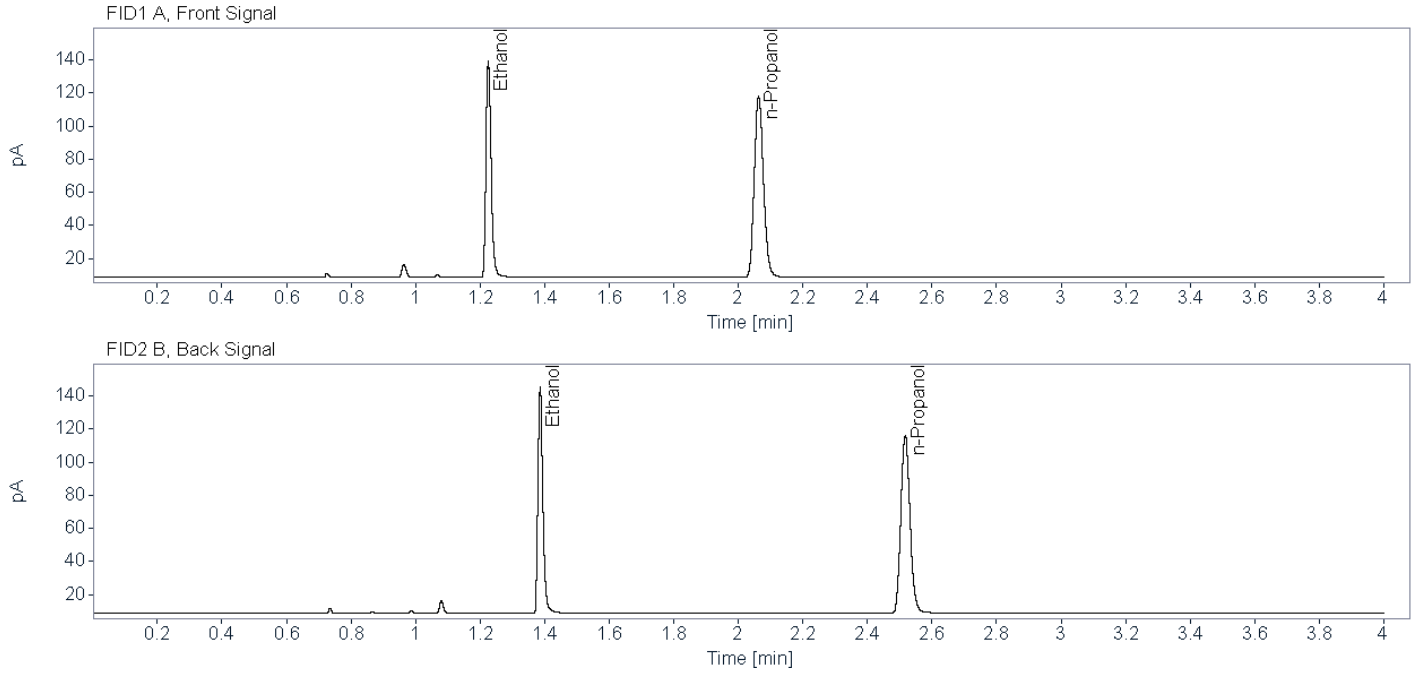
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1591 001_001 (25-1437) **Description:** Alq 1 **Sample Barcode** 25-1437 **Vial Number:** 20

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 11:30:53 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\020F2001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76825	1.225	1.224	145.6839	0.1374
n-Propanol	0.84483	2.063	2.063	216.9329	0.0100

Name FID2B

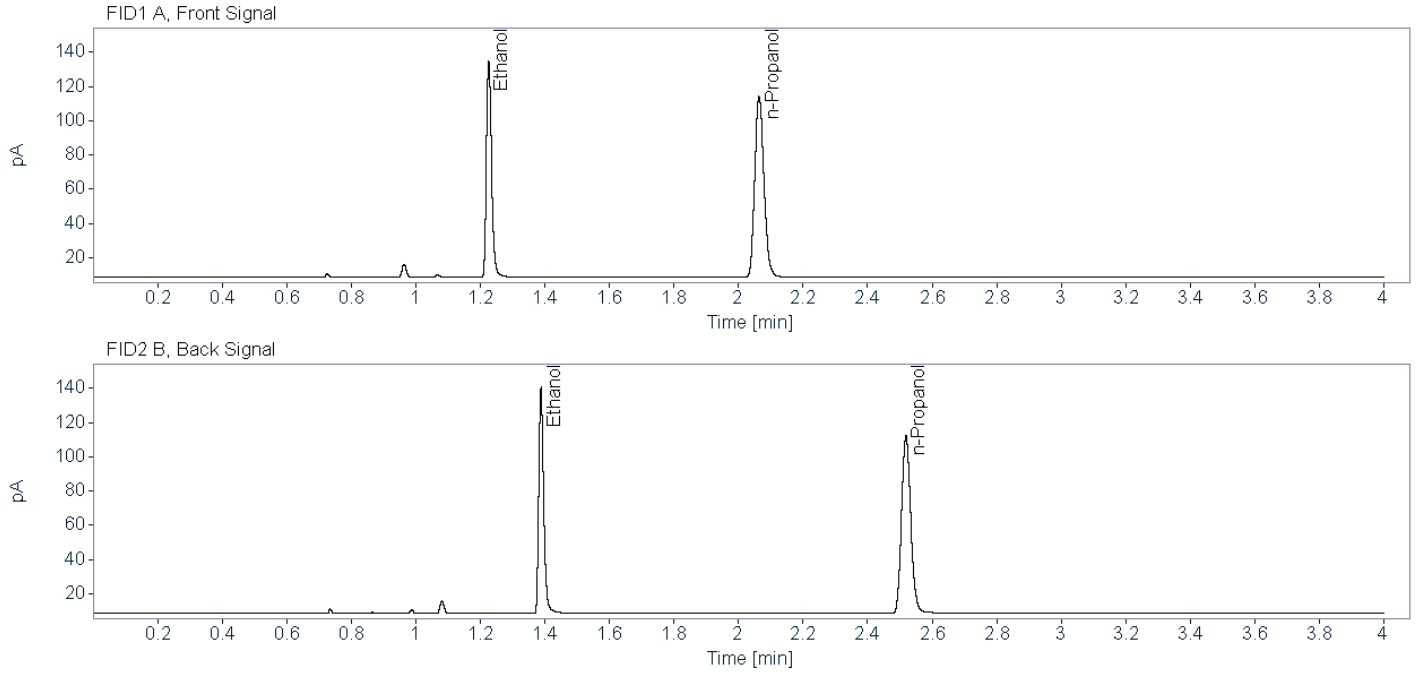
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74615	1.386	1.385	144.5646	0.1379
n-Propanol	0.85810	2.517	2.516	213.1268	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1591 001_001 (25-1463) **Description:** Alq 2 **Sample Barcode** 25-1463 **Vial Number:** 46

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 1:46:05 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75975	1.226	1.224	140.6485	0.1372
n-Propanol	0.84198	2.064	2.063	209.7507	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74162	1.388	1.385	139.3757	0.1377
n-Propanol	0.84263	2.519	2.516	205.7733	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1592 001_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1815	Aliquot 1:	0.1816
	Aliquot 2:	0.1910	Aliquot 2:	0.1913

Reported Result: 0.186 g/100 mL

Reported UM: 0.030 g/100 mL

Comments:

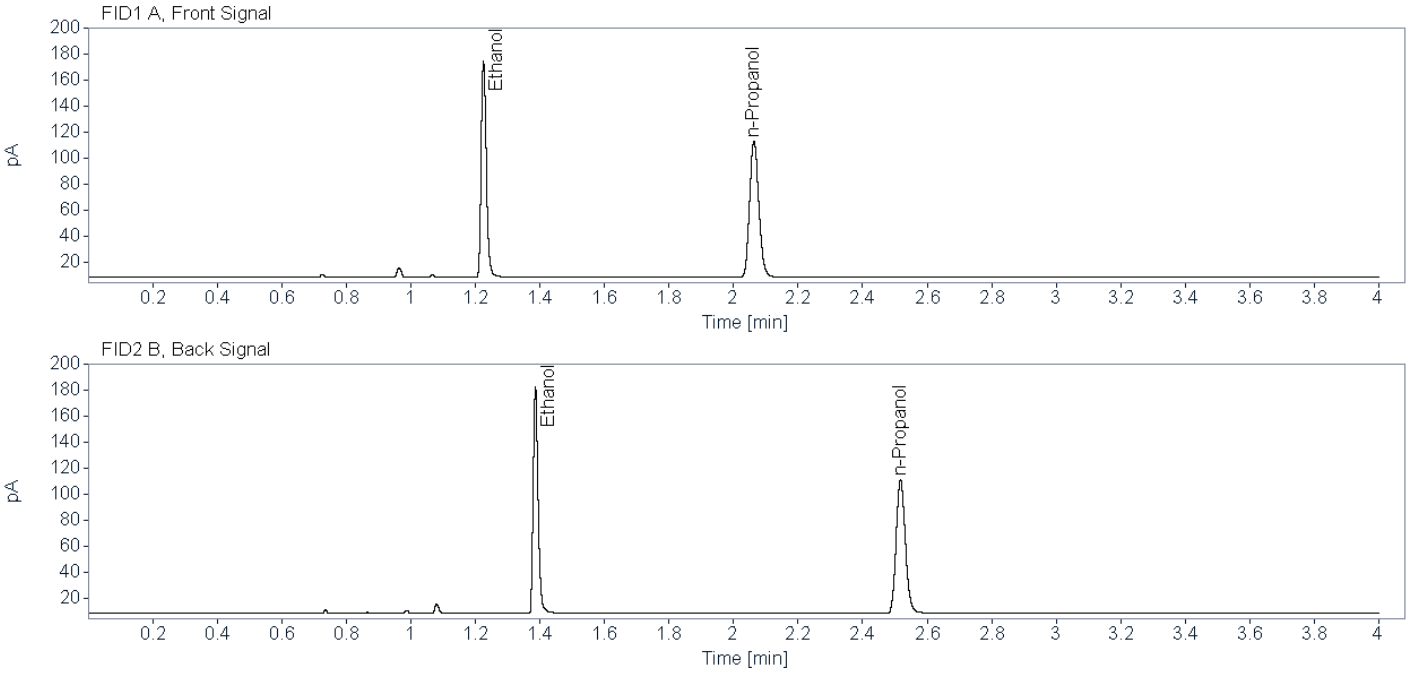
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1592 001_001 (25-1438) **Description:** Alq 1 **Sample Barcode** 25-1438 **Vial Number:** 21

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 11:36:34 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77974	1.225	1.224	184.9352	0.1815
n-Propanol	0.84964	2.063	2.063	208.0594	0.0100

Name FID2B

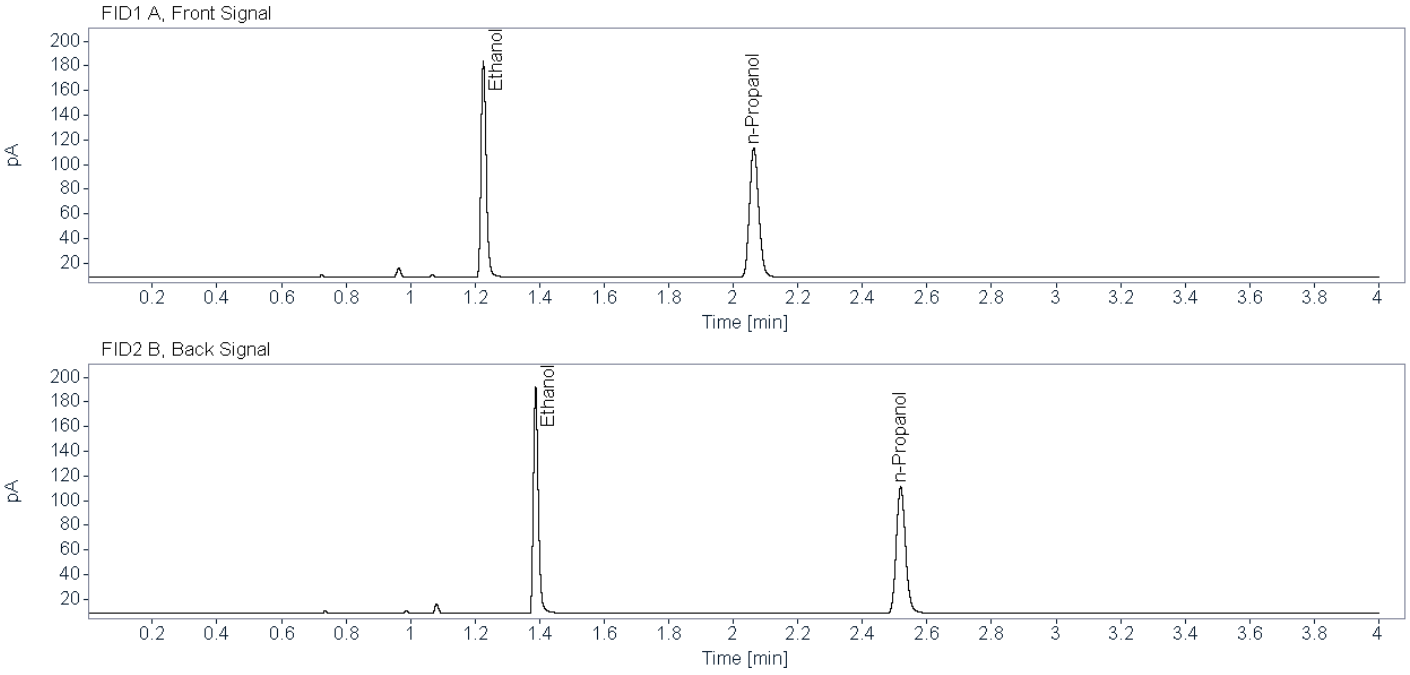
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75413	1.386	1.385	182.8498	0.1816
n-Propanol	0.86066	2.517	2.516	204.2503	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1592 001_001 (25-1462) **Description:** Alq 2 **Sample Barcode** 25-1462 **Vial Number:** 45

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 1:41:22 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78051	1.226	1.224	194.2331	0.1910
n-Propanol	0.84377	2.064	2.063	207.6356	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77429	1.388	1.385	192.4661	0.1913
n-Propanol	0.85810	2.519	2.516	204.0307	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1601 001_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2791	Aliquot 1:	0.2796
	Aliquot 2:	0.2820	Aliquot 2:	0.2835

Reported Result: 0.281 g/100 mL

Reported UM: 0.045 g/100 mL

Comments:

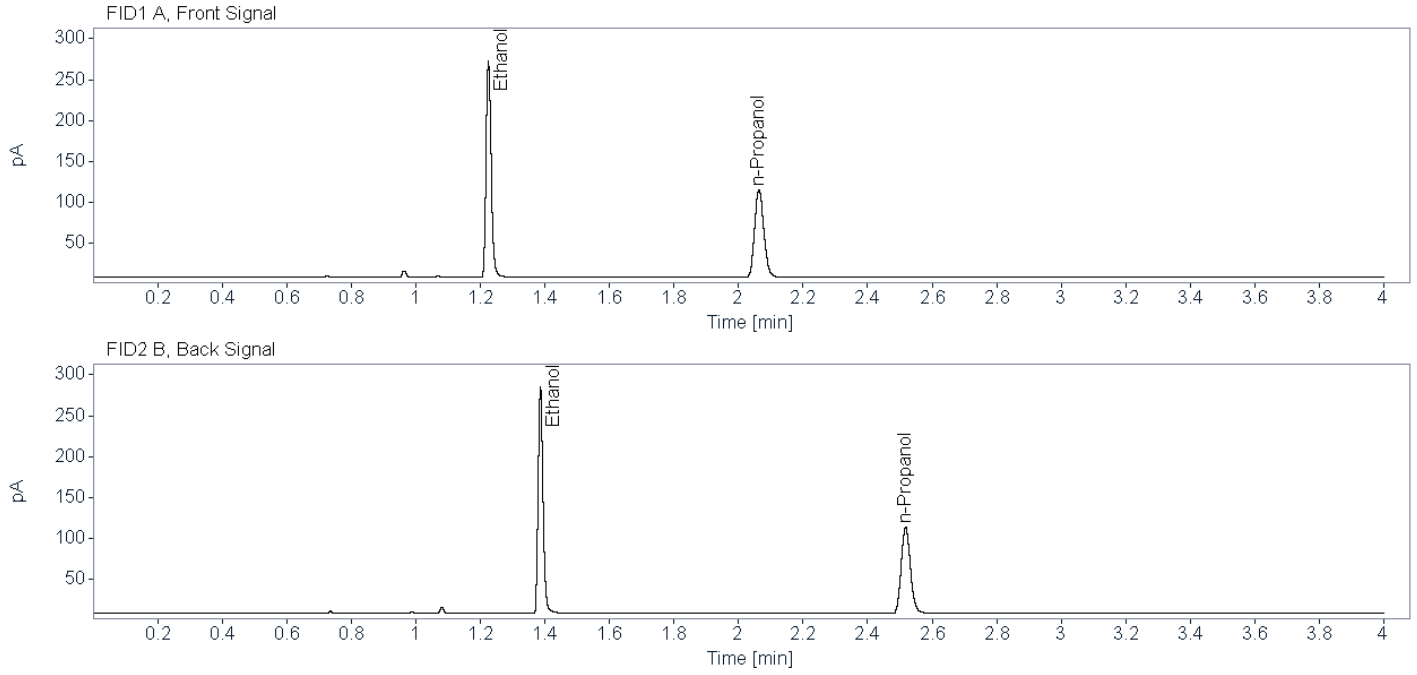
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1601 001_001 (25-1440) **Description:** Alq 1 **Sample Barcode** 25-1440 **Vial Number:** 23

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 11:46:58 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79998	1.225	1.224	291.5956	0.2791
n-Propanol	0.85044	2.063	2.063	212.9401	0.0100

Name FID2B

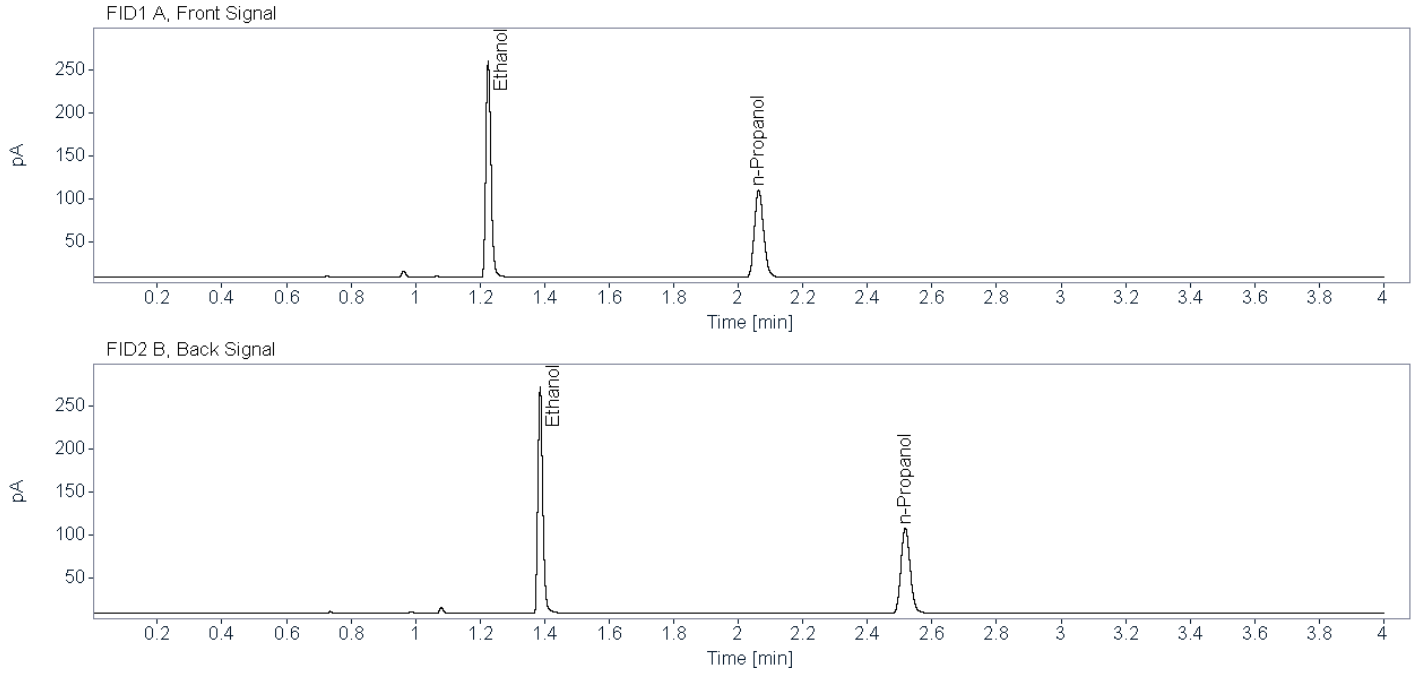
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79122	1.386	1.385	288.8315	0.2796
n-Propanol	0.86524	2.518	2.516	209.0541	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1601 001_001 (25-1460) **Description:** Alq 2 **Sample Barcode** 25-1460 **Vial Number:** 43

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 1:30:58 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79339	1.225	1.224	279.2147	0.2820
n-Propanol	0.83888	2.063	2.063	201.7803	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78996	1.386	1.385	277.0522	0.2835
n-Propanol	0.85191	2.518	2.516	197.8045	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1602 001_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2245	Aliquot 1:	0.2248
	Aliquot 2:	0.2274	Aliquot 2:	0.2275

Reported Result: 0.226 g/100 mL

Reported UM: 0.037 g/100 mL

Comments:

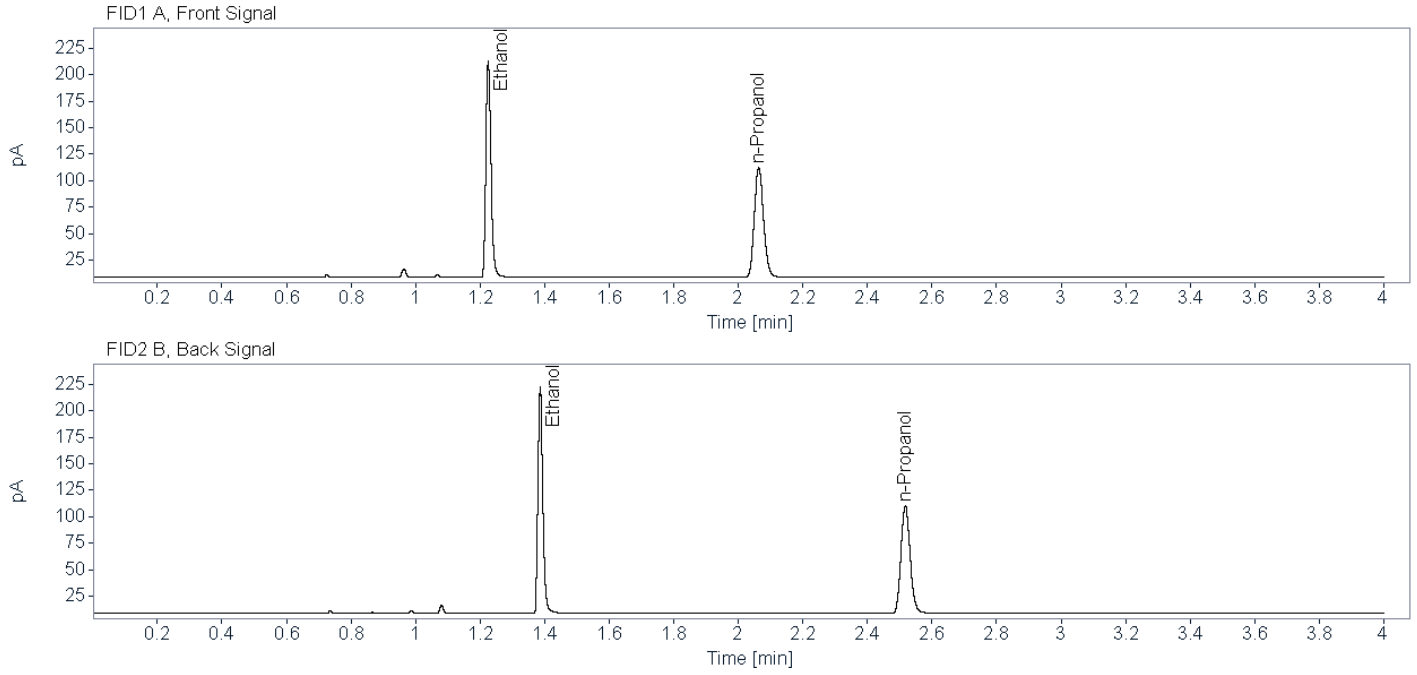
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1602 001_001 (25-1441) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 24

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 11:51:41 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78607	1.225	1.224	226.3452	0.2245
n-Propanol	0.84131	2.063	2.063	205.6708	0.0100

Name FID2B

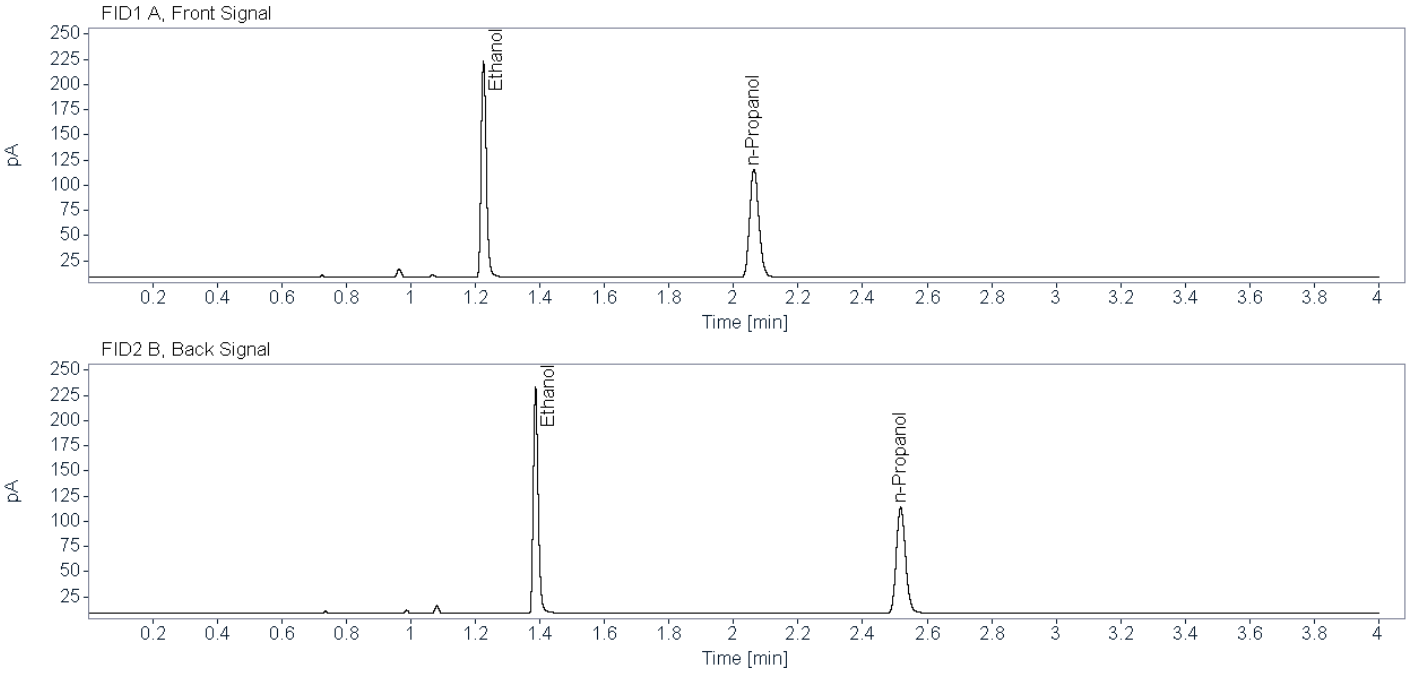
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76737	1.386	1.385	224.0713	0.2248
n-Propanol	0.85512	2.518	2.516	201.9418	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1602 001_001 (25-1459) **Description:** Alq 2 **Sample Barcode** 25-1459 **Vial Number:** 42

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 1:25:16 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78866	1.225	1.224	237.8640	0.2274
n-Propanol	0.84761	2.063	2.063	213.4184	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78249	1.387	1.385	235.5272	0.2275
n-Propanol	0.86229	2.518	2.516	209.7193	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1605 001_001

Batch Name: BAC_20250924_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:

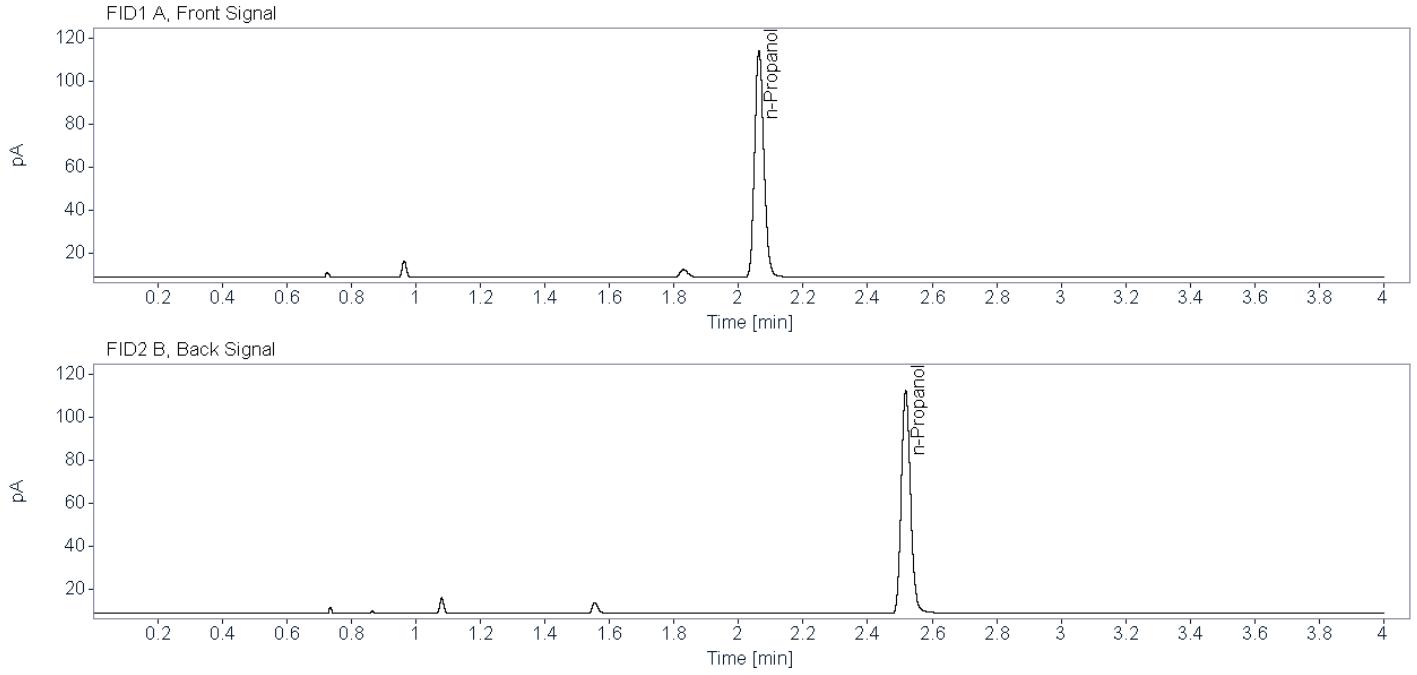
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1605 001_001 (25-1442) **Description:** Alq 1 **Sample Barcode** 25-1442 **Vial Number:** 25

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 11:57:22 AM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84934	2.063	2.063	209.6816	0.0100

Name FID2B

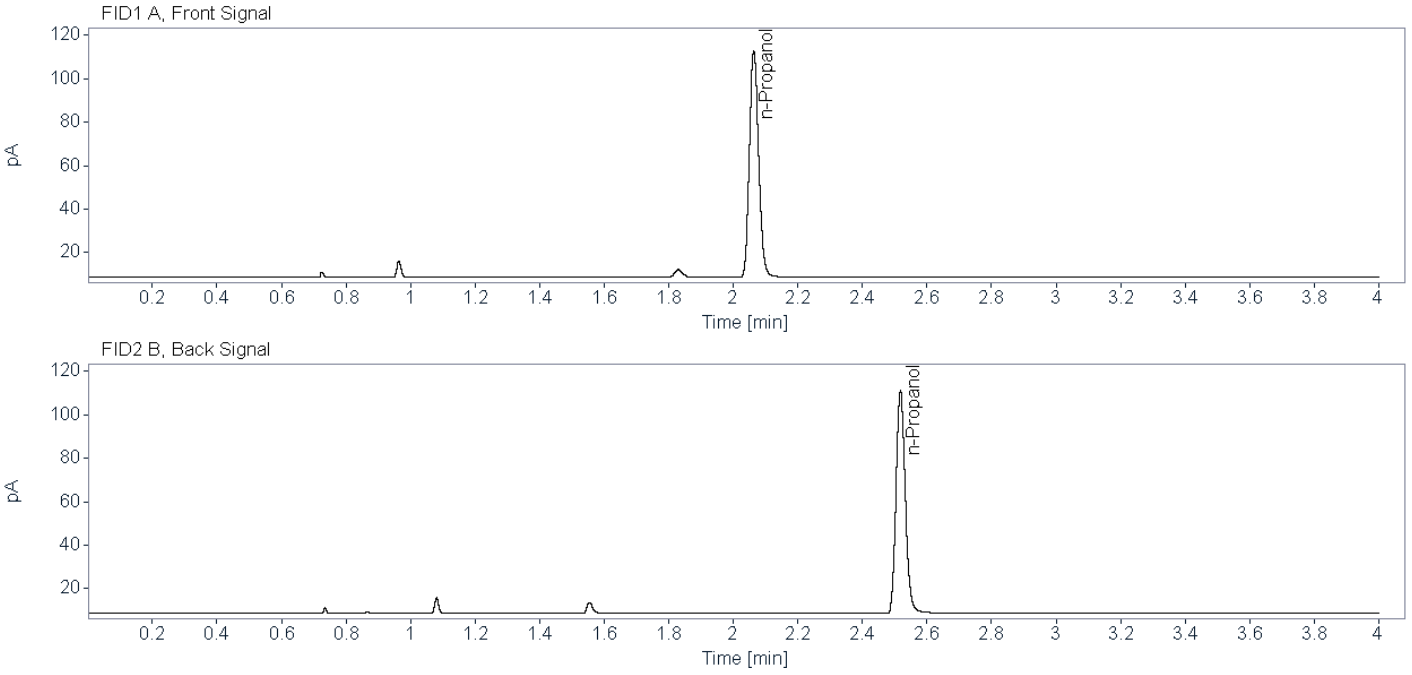
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86526	2.518	2.516	205.8898	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1605 001_001 (25-1458) **Description:** Alq 2 **Sample Barcode** 25-1458 **Vial Number:** 41

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 1:20:34 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84048	2.063	2.063	207.4623	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85708	2.518	2.516	203.4191	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1609 001_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1756	Aliquot 1:	0.1755
	Aliquot 2:	0.1758	Aliquot 2:	0.1761

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

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

Comments:

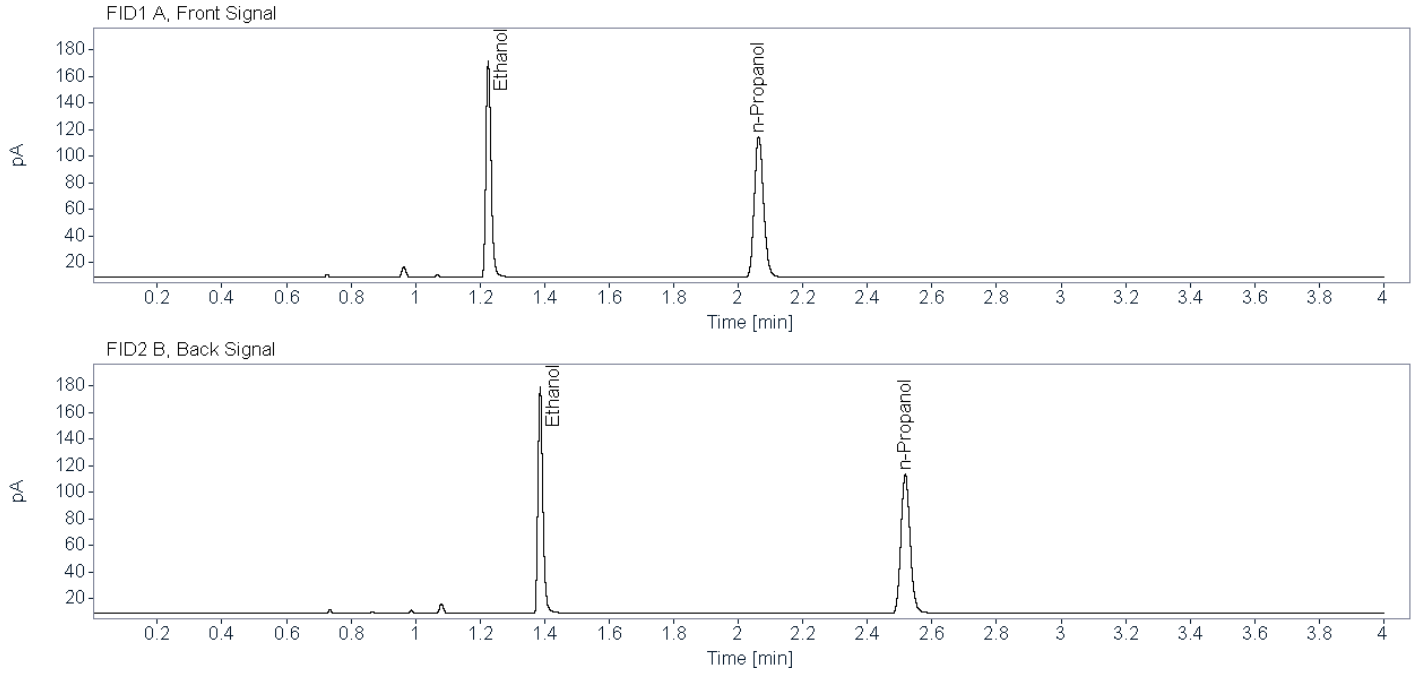
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1609 001_001 (25-1443) **Description:** Alq 1 **Sample Barcode** 25-1443 **Vial Number:** 26

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 12:02:05 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\026F2601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77581	1.225	1.224	181.6200	0.1756
n-Propanol	0.84282	2.063	2.063	211.2980	0.0100

Name FID2B

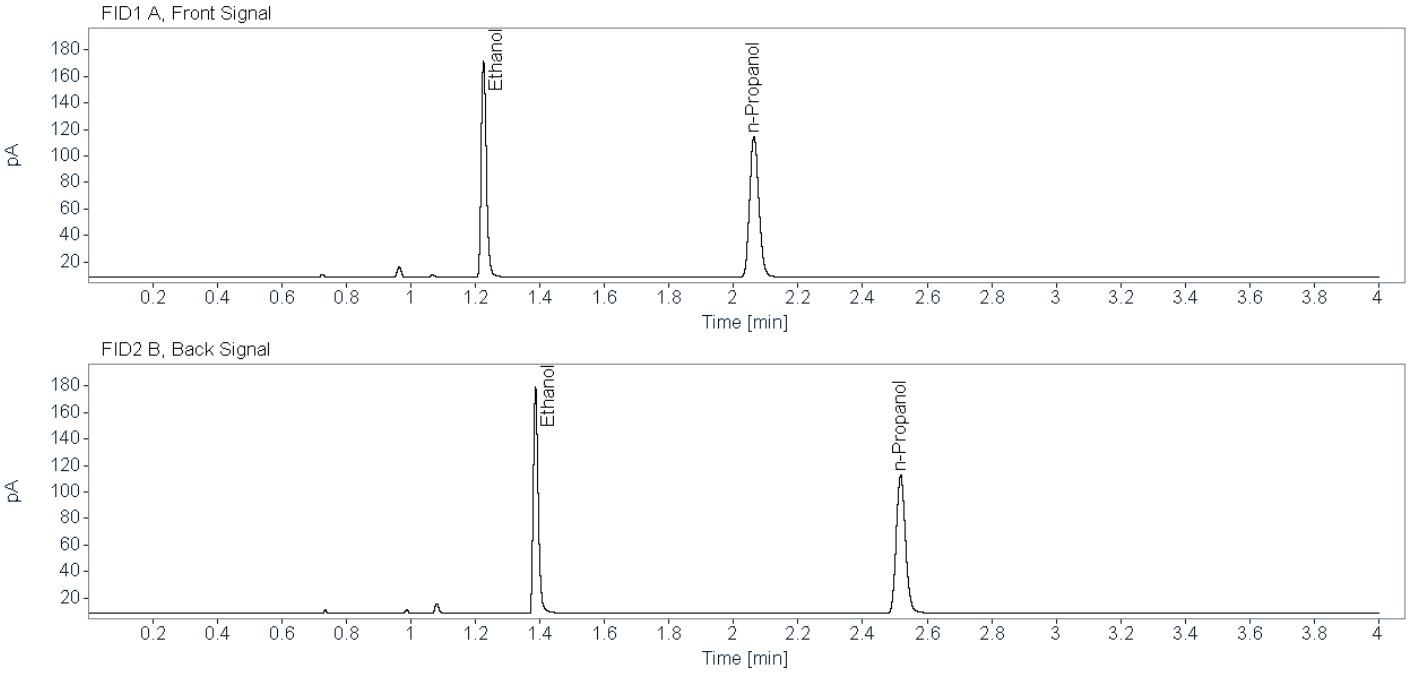
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74842	1.386	1.385	179.6353	0.1755
n-Propanol	0.85808	2.518	2.516	207.6561	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1609 001_001 (25-1457) **Description:** Alq 2 **Sample Barcode** 25-1457 **Vial Number:** 40

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 1:14:54 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77745	1.225	1.224	181.4884	0.1758
n-Propanol	0.84516	2.063	2.063	210.9152	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75946	1.387	1.385	179.6542	0.1761
n-Propanol	0.86366	2.518	2.516	207.0018	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1614 001_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1671	Aliquot 1:	0.1673
	Aliquot 2:	0.1668	Aliquot 2:	0.1669

Reported Result: 0.167 g/100 mL

Reported UM: 0.027 g/100 mL

Comments:

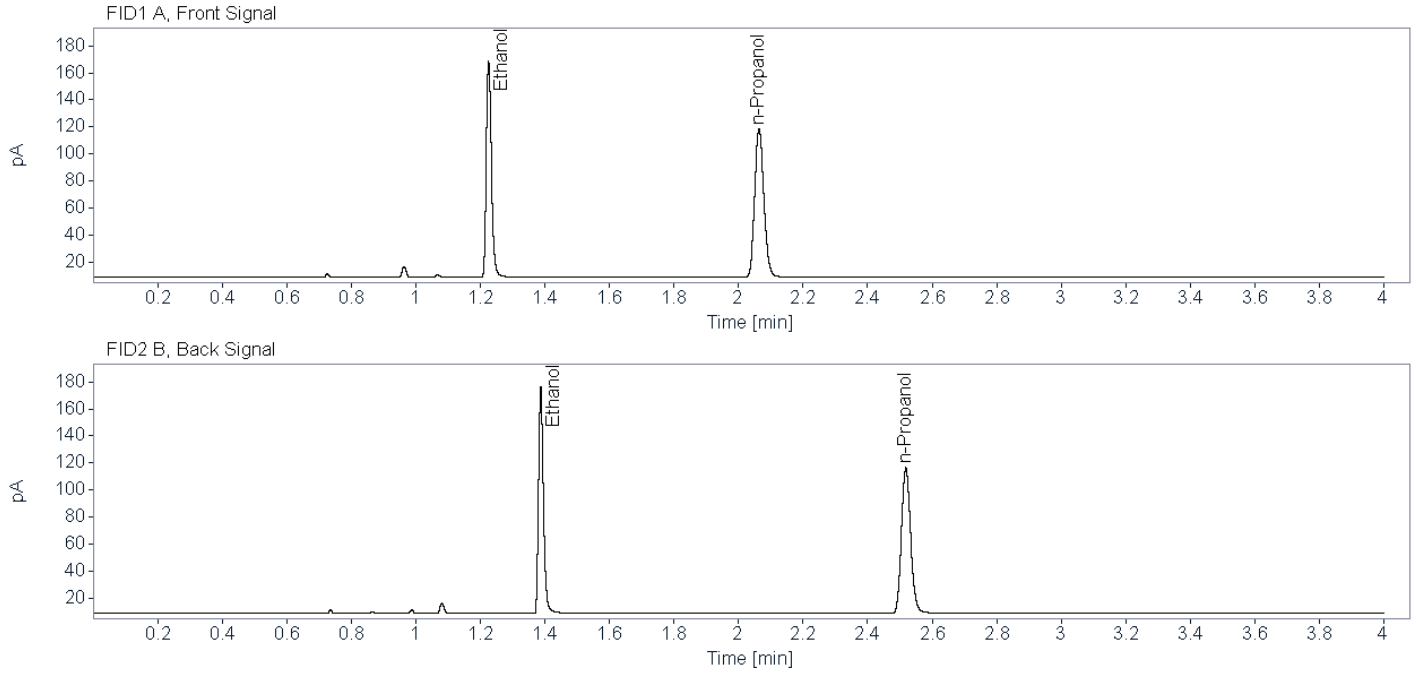
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1614 001_001 (25-1444) **Description:** Alq 1 **Sample Barcode** 25-1444 **Vial Number:** 27

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 12:07:47 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\027F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77964	1.226	1.224	178.0557	0.1671
n-Propanol	0.84626	2.063	2.063	217.7249	0.0100

Name FID2B

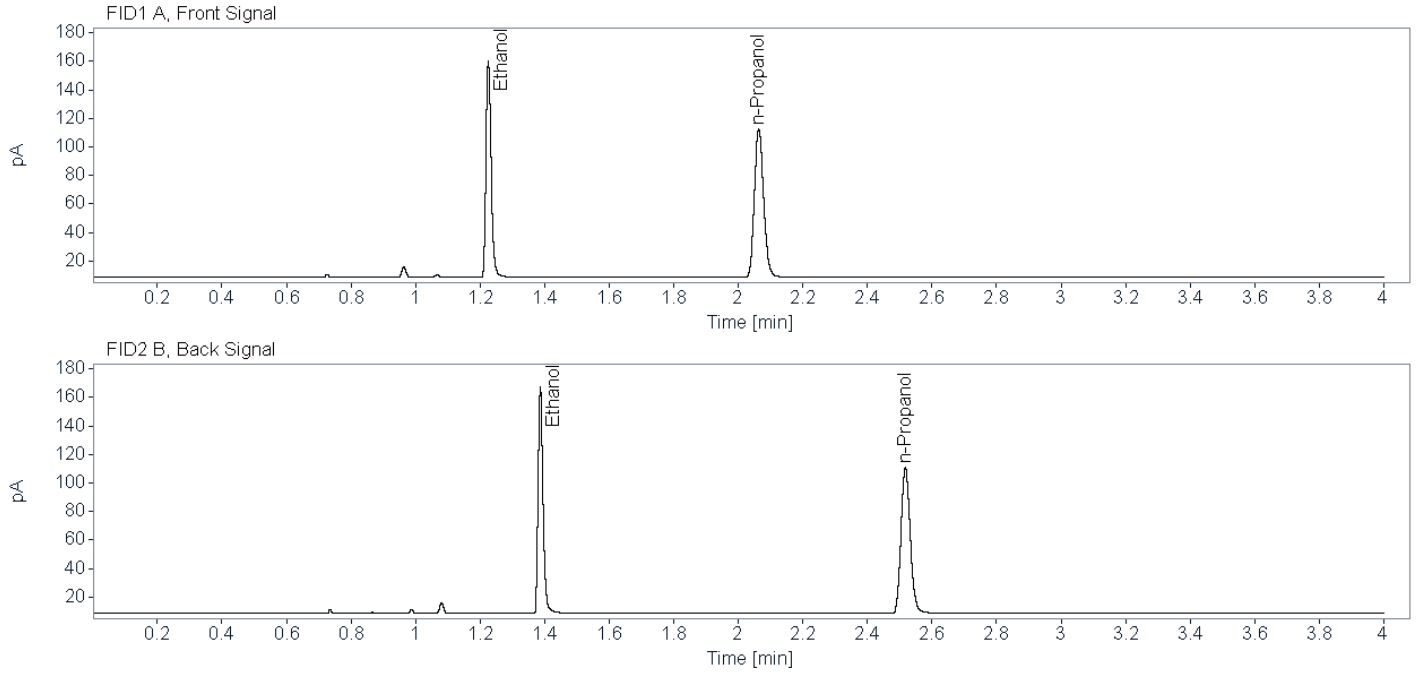
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77224	1.387	1.385	176.3236	0.1673
n-Propanol	0.85223	2.518	2.516	213.9173	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1614 001_001 (25-1456) **Description:** Alq 2 **Sample Barcode** 25-1456 **Vial Number:** 39

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 1:10:12 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77265	1.226	1.224	168.8916	0.1668
n-Propanol	0.84050	2.063	2.063	206.9028	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74443	1.387	1.385	166.9133	0.1669
n-Propanol	0.85879	2.518	2.516	202.9914	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1617 001_001

Batch Name: BAC_20250924_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:

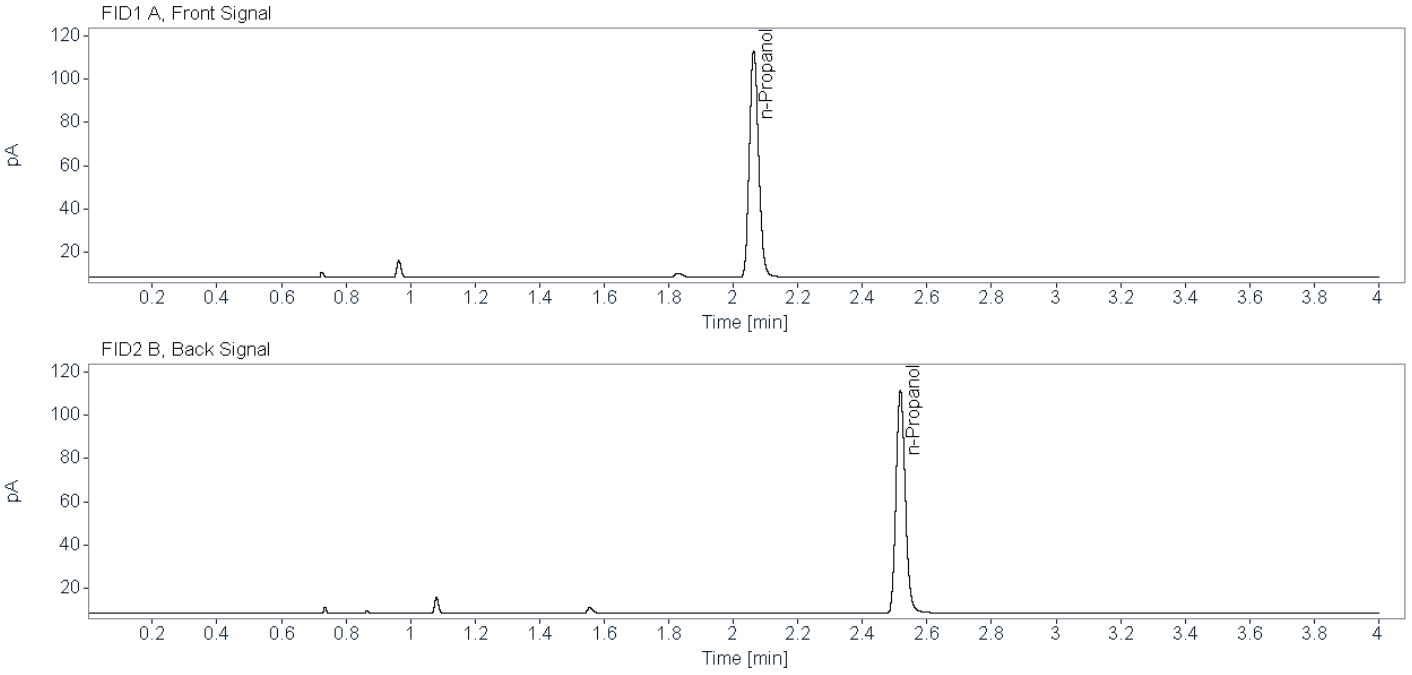
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1617 001_001 (25-1445) **Description:** Alq 1 **Sample Barcode** 25-1445 **Vial Number:** 28

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 12:12:29 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84135	2.063	2.063	208.1949	0.0100

Name FID2B

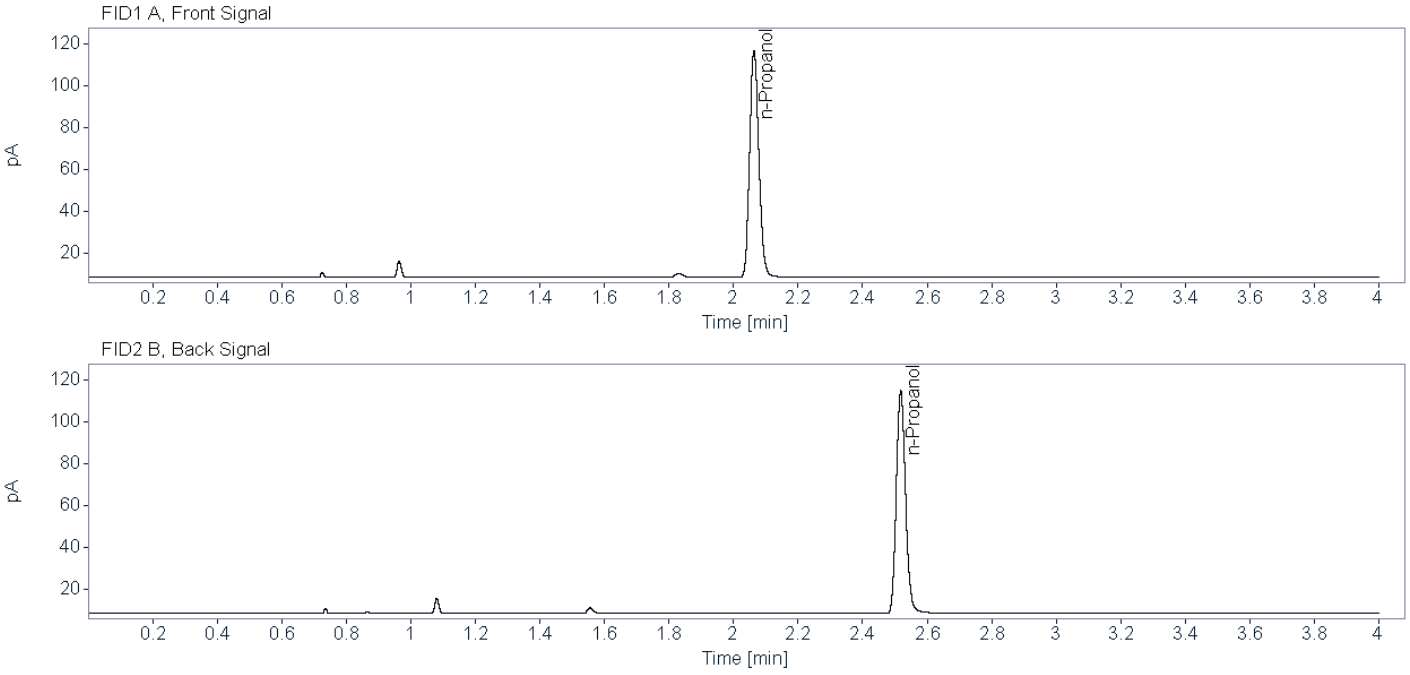
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.85576	2.518	2.516	204.2375	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1617 001_001 (25-1455) **Description:** Alq 2 **Sample Barcode** 25-1455 **Vial Number:** 38

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 1:04:28 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84514	2.063	2.063	215.6474	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86463	2.518	2.516	211.7947	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1623 001_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2632	Aliquot 1:	0.2632
	Aliquot 2:	0.2689	Aliquot 2:	0.2696

Reported Result: 0.266 g/100 mL

Reported UM: 0.043 g/100 mL

Comments:

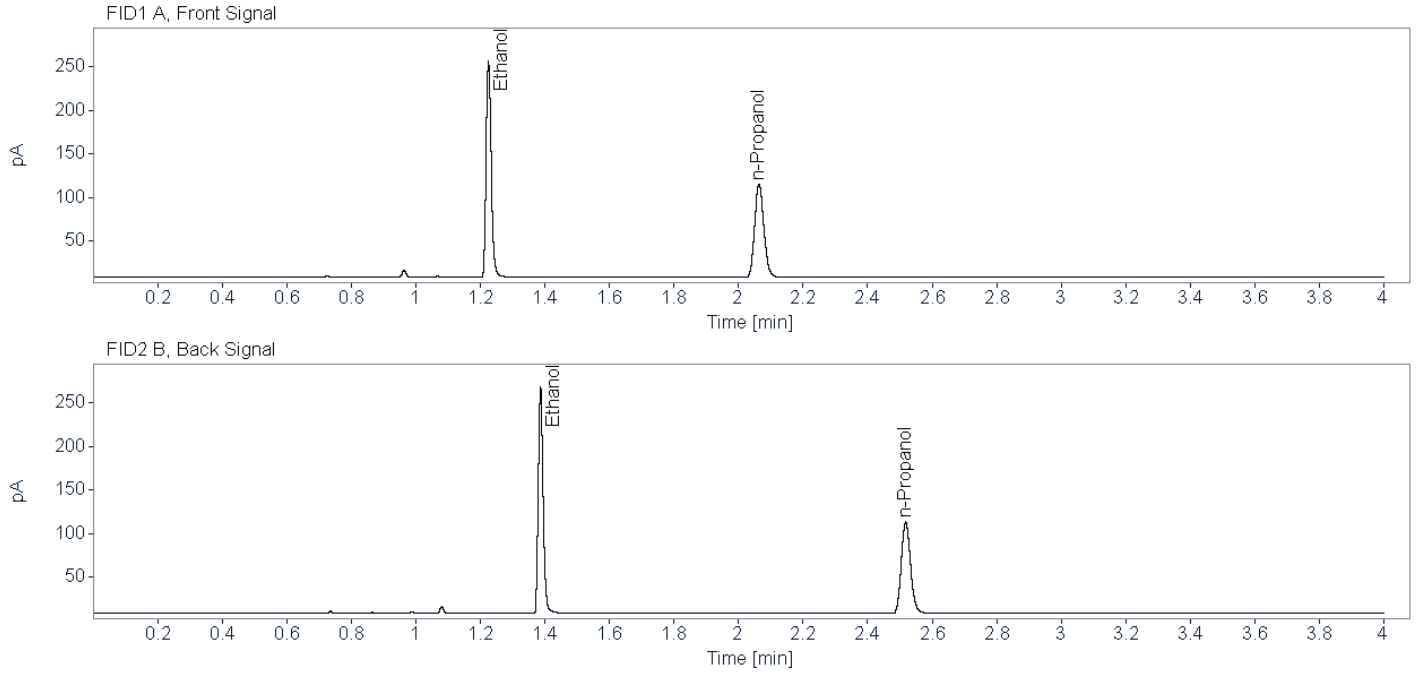
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1623 001_001 (25-1446) **Description:** Alq 1 **Sample Barcode** 25-1446 **Vial Number:** 29

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 12:18:10 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\029F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79653	1.225	1.224	274.1903	0.2632
n-Propanol	0.84866	2.063	2.063	212.3500	0.0100

Name FID2B

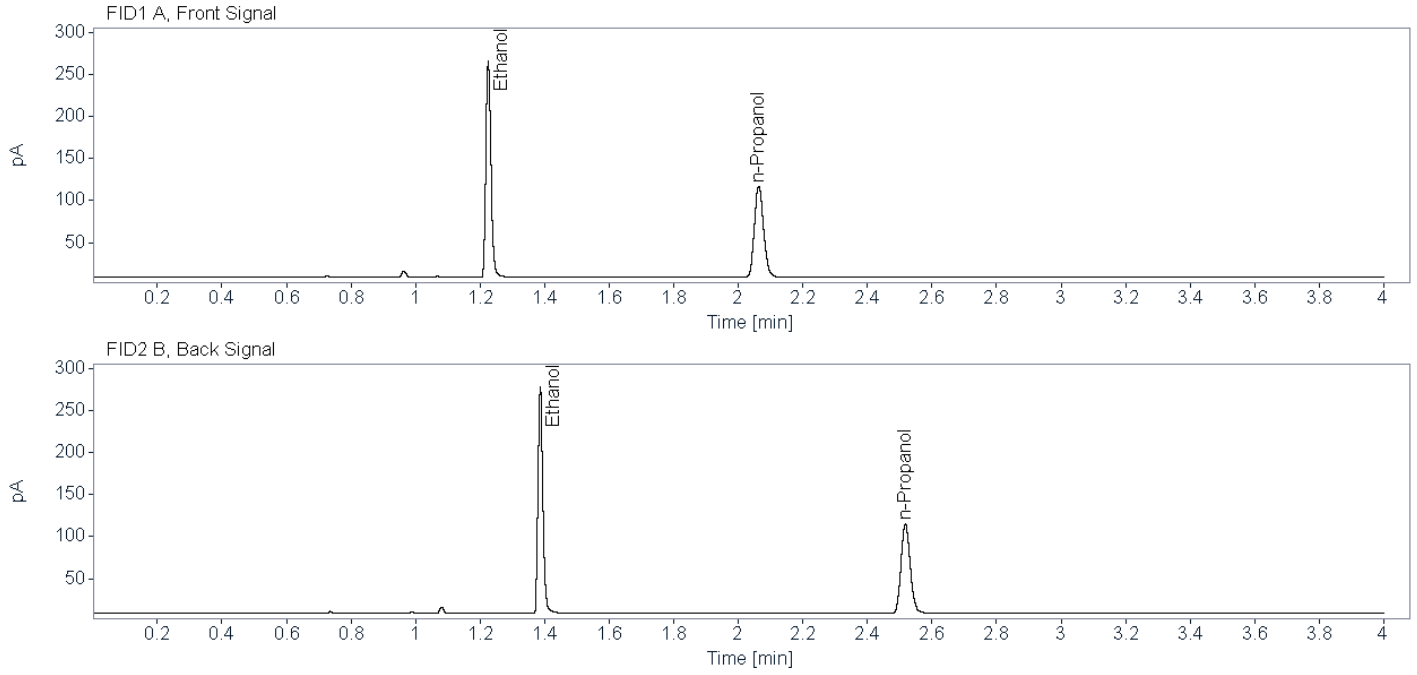
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79263	1.387	1.385	271.5464	0.2632
n-Propanol	0.86582	2.518	2.516	208.8445	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1623 001_001 (25-1454) **Description:** Alq 2 **Sample Barcode** 25-1454 **Vial Number:** 37

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 12:59:48 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79463	1.225	1.224	284.5461	0.2689
n-Propanol	0.83992	2.063	2.063	215.7195	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78273	1.386	1.385	281.8200	0.2696
n-Propanol	0.86077	2.518	2.516	211.5815	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1645 001_001

Batch Name: BAC_20250924_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:

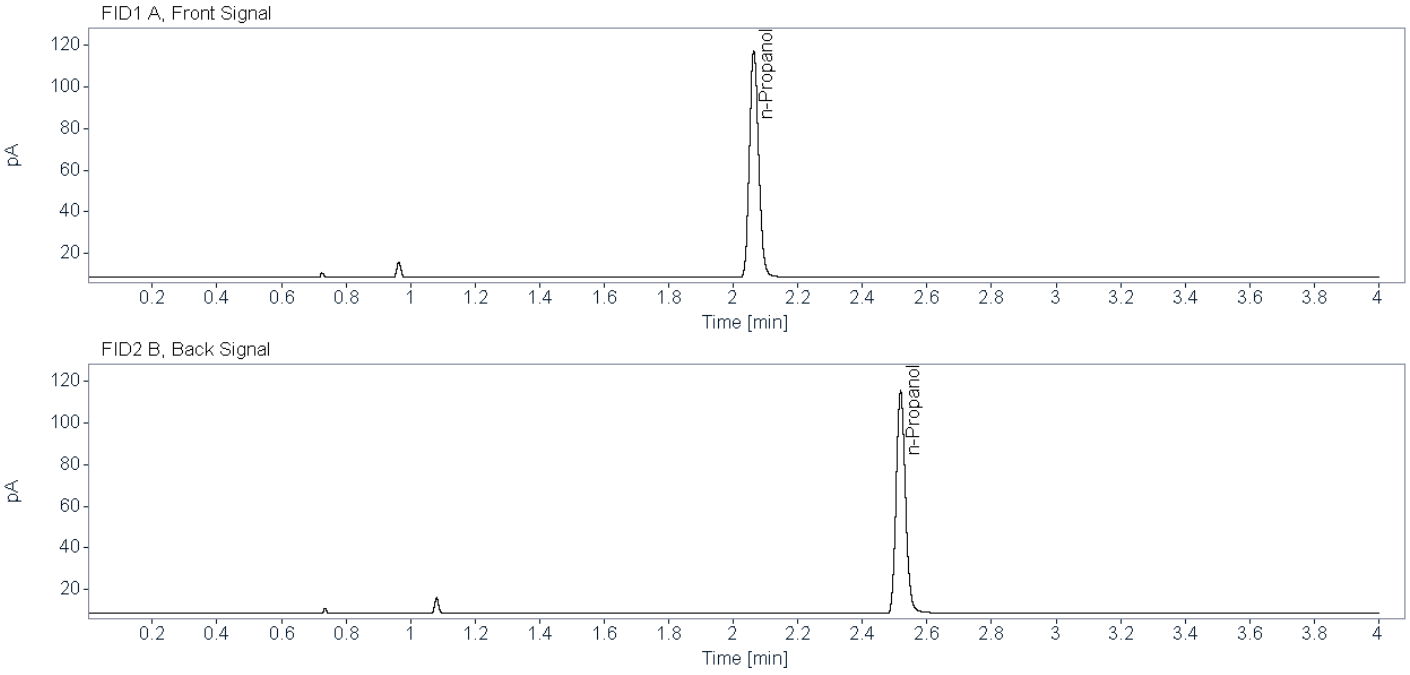
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1645 001_001 (25-1447) **Description:** Alq 1 **Sample Barcode** 25-1447 **Vial Number:** 30

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 12:22:53 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\030F3001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84238	2.064	2.063	216.3062	0.0100

Name FID2B

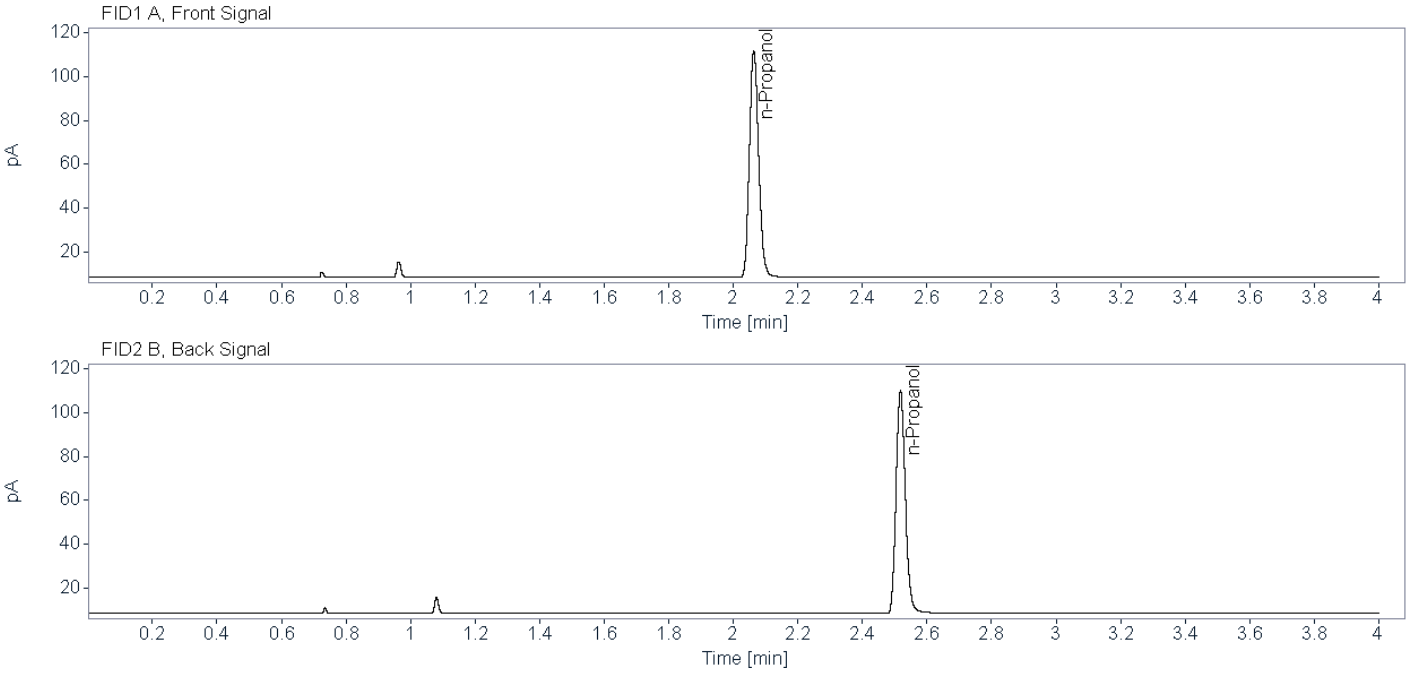
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86168	2.518	2.516	212.5698	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1645 001_001 (25-1453) **Description:** Alq 2 **Sample Barcode** 25-1453 **Vial Number:** 36

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 12:54:05 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.83886	2.064	2.063	205.2261	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86057	2.518	2.516	201.2448	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1646 001_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1623	Aliquot 1:	0.1627
	Aliquot 2:	0.1755	Aliquot 2:	0.1761

Reported Result: **0.169** **g/100 mL**

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

Comments:

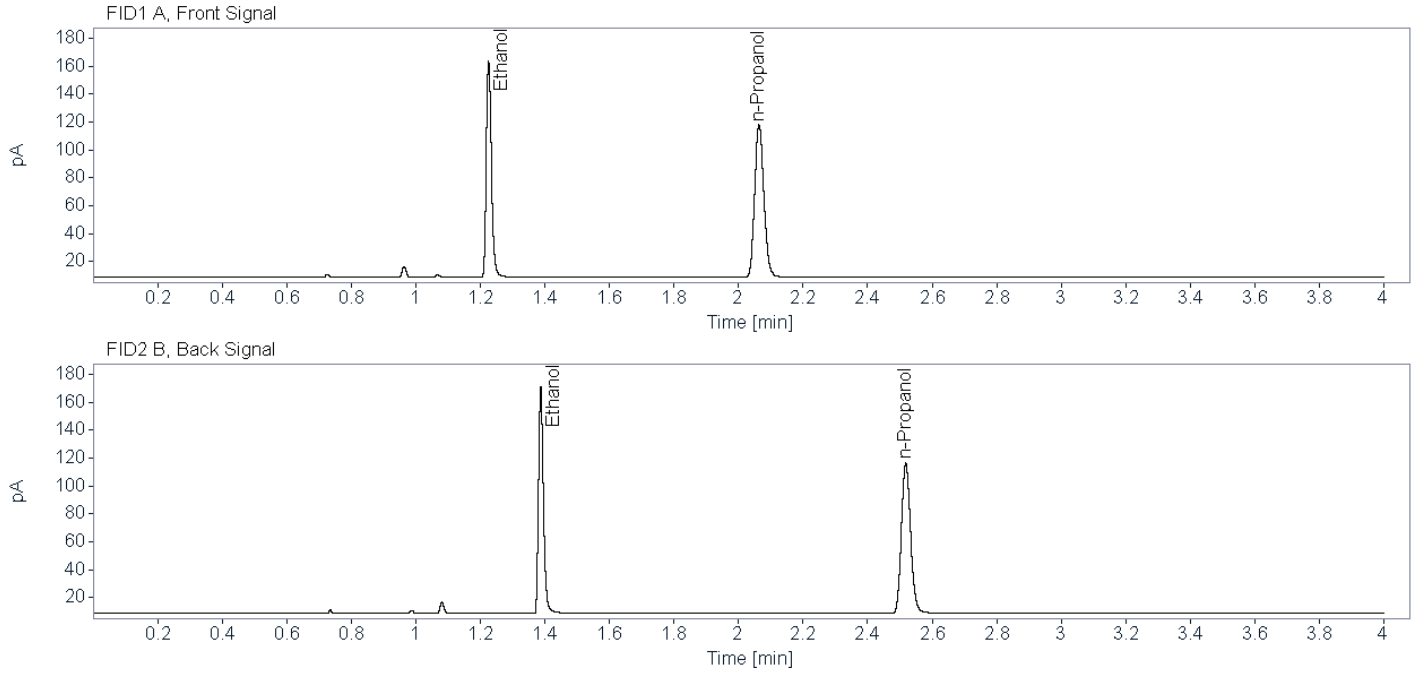
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1646 001_001 (25-1448) **Description:** Alq 1 **Sample Barcode** 25-1448 **Vial Number:** 31

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 12:28:34 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77863	1.226	1.224	172.5142	0.1623
n-Propanol	0.84819	2.064	2.063	217.2482	0.0100

Name FID2B

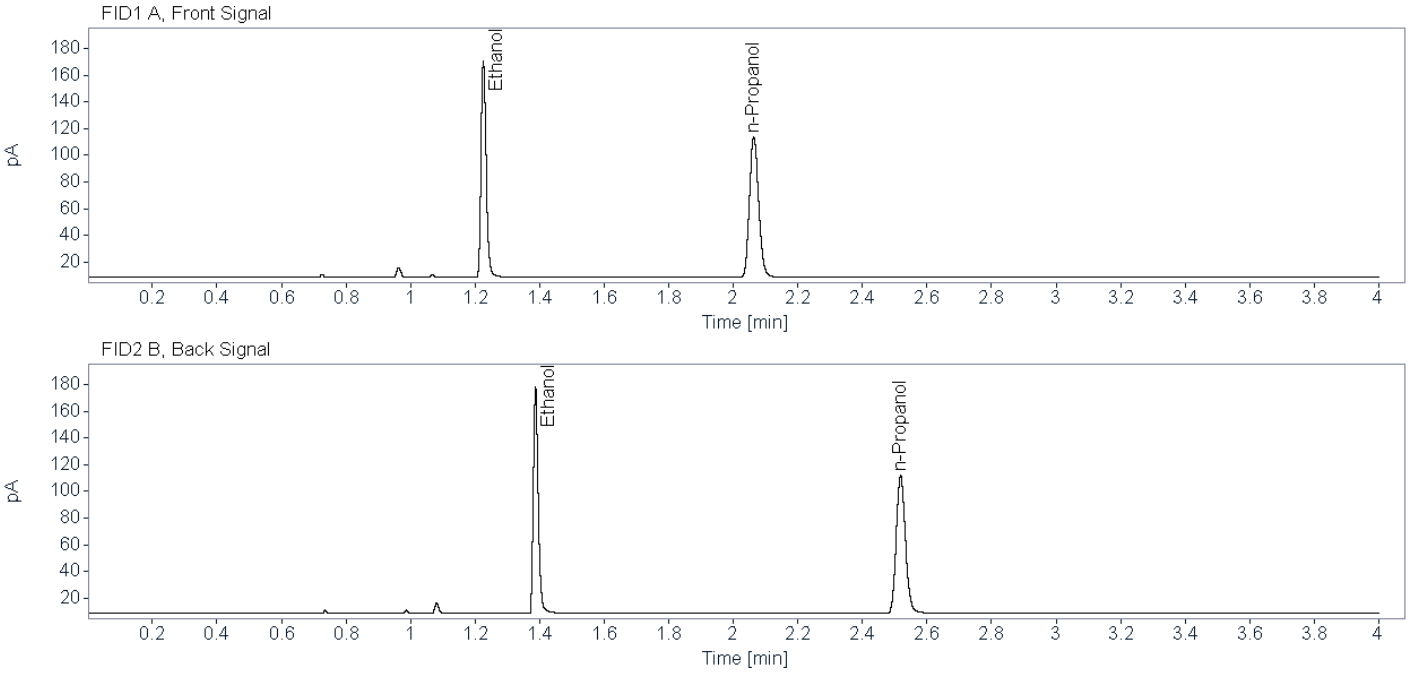
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76995	1.387	1.385	170.8327	0.1627
n-Propanol	0.85515	2.518	2.516	213.2422	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1646 001_001 (25-1452) **Description:** Alq 2 **Sample Barcode** 25-1452 **Vial Number:** 35

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 12:49:22 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77717	1.226	1.224	179.6065	0.1755
n-Propanol	0.84029	2.064	2.063	209.0279	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76322	1.387	1.385	177.9039	0.1761
n-Propanol	0.86498	2.519	2.516	204.9942	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-1647 006_001

Batch Name: BAC_20250924_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1574	Aliquot 1:	0.1579
	Aliquot 2:	0.1606	Aliquot 2:	0.1609

Reported Result: **0.159** **g/100 mL**

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

Comments:

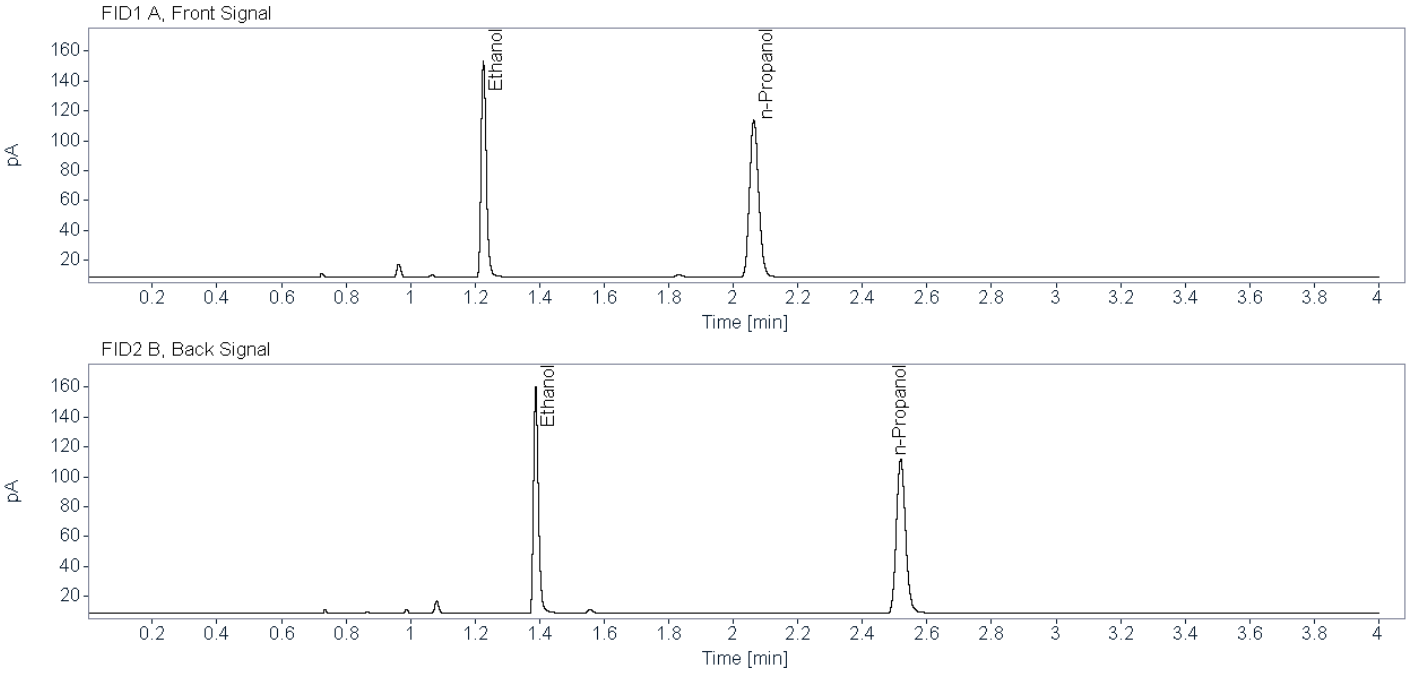
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1647 006_001 (25-1449) **Description:** Alq 1 **Sample Barcode** 25-1449 **Vial Number:** 32

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 12:33:18 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77456	1.226	1.224	160.7003	0.1574
n-Propanol	0.84540	2.064	2.063	208.6554	0.0100

Name FID2B

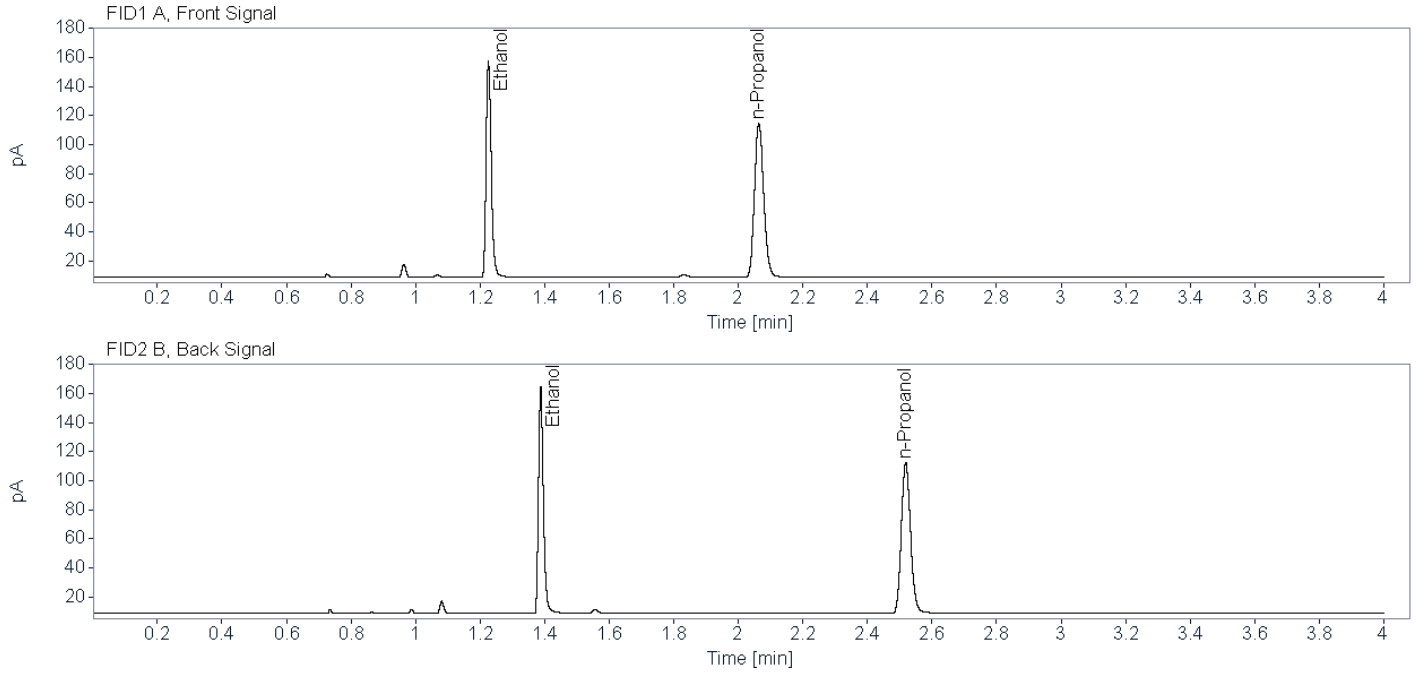
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76586	1.388	1.385	159.3651	0.1579
n-Propanol	0.86472	2.519	2.516	204.9216	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-1647 006_001 (25-1451) **Description:** Alq 2 **Sample Barcode** 25-1451 **Vial Number:** 34

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 9/24/2025 12:43:41 PM

Data File: C:\Chem32\1\Data\2025\BAC_20250924_KB 2025-09-24 09-42-27\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77497	1.226	1.224	165.3534	0.1606
n-Propanol	0.84435	2.064	2.063	210.3839	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76620	1.388	1.385	163.8774	0.1609
n-Propanol	0.86191	2.519	2.516	206.7665	0.0100