Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20241017_KB		Analyst Review	Technical Review
BAC Summary	Verify batch name, instrument, analyst, UM%, and QC targets	✓	✓
	Verify Cal 1 obtained values and IS area counts	✓	✓
	Verify IS of all QCs and samples fall within acceptable area count range	✓	✓
BAC Batch Information	IS/calibrators/QCs lot numbers, expiration dates, and inventory numbers listed	✓	✓
	Confirm standards and/or reagents made in-house are verified	✓	✓
	Pipette(s) listed	✓	✓
Sequence(s)	Verify date is consistent with batch date	✓	✓
	Verify method used for all samples is correct, and all pages accounted for	✓	✓
	Reviewer verified, initialed, and dated sequence	✓	✓
Method	Verify correct method is included, and all pages accounted for	✓	✓
Performance Check	Verify air blank and PC are acceptable	✓	✓
Calibration Table & Curve	Verify date is consistent with calibration date, and all pages accounted for	✓	✓
	Verify R^2 values are acceptable for ethanol	✓	✓
Data	Verify calibrator area counts listed in the calibration table for ethanol	✓	✓
	Verify chromatography, retention time, and symmetry values are acceptable for ethanol	✓	✓
	Verify calibrators and QCs are within acceptable range for ethanol	✓	✓
	Verify all cases listed on BAC summary have data	✓	✓
	Verify barcodes match	✓	✓
Ethanol Confirmation Worksheet(s)	Verify aliquot values against data for all case samples	✓	✓
	Verify Reported Result and UM for all case samples	✓	✓
JTrax	Verify Reported Result and Reported UM against BAC Confirmation Worksheet(s) for all case samples	✓	✓
Verify QCs were added to QC log		✓	✓
All comments and/or strikethroughs, if any, initialed		✓	✓
All printed pages initialed		✓	✓
Total number of pages	108	✓	✓

Analyst Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.10.24 14:40:08 -05'00'

Date: 10/24/2024

Technical Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.10.28 13:29:29 -05'00'

Date: 10/28/2024

Batch Name: BAC_20241017_KB

Technical Review Notes

N/A -- 10/28/2024 mh

BAC Summary Worksheet

Batch Name:	BAC_20241017_KB
Instrument:	BAC-2
Analyst:	Kayla M. Baylor
UM%:	14.39
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		182.4942	184.3485
Acceptance Range	**Min**	164.2448	165.9137
	Max	200.7436	202.7834

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	184.8651	186.7553
0.025 g/100mL Calibrator	0.0249	0.0248	0.0248	-0.80	0.40	0.00	181.8587	184.0648
0.050 g/100mL Calibrator	0.0496	0.0496	0.0496	-0.80	0.00	0.00	180.8725	182.9437
0.100 g/100mL Calibrator	0.0984	0.0983	0.0983	-1.70	0.10	0.00	182.8732	184.9088
0.200 g/100mL Calibrator	0.1984	0.1984	0.1984	-0.80	0.00	0.00	180.3945	181.9160
0.400 g/100mL Calibrator	0.3997	0.4003	0.4000	0.00	-0.08	0.07	182.9336	184.3094
0.500 g/100mL Calibrator	0.5038	0.5034	0.5036	0.72	0.04	-0.04	183.6619	185.5417

		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	-	-	-	181.0380	182.8403
High QC	0.4022	0.4025	0.4023	0.57	-0.02	0.05	183.6738	184.9258
Low QC	0.0799	0.0797	0.0798	-0.25	0.13	-0.13	180.9792	183.1142
Blood QC A	0.0760	0.0761	0.0760	-3.55	0.00	0.13	184.6492	185.8172
Blood QC B	0.1904	0.1909	0.1906	-0.57	-0.10	0.16	178.7017	180.0564
Blood QC A	0.0770	0.0772	0.0771	-2.16	-0.13	0.13	183.8448	184.8130
Blood QC B	0.1910	0.1929	0.1919	0.10	-0.47	0.52	178.6842	178.7495
Blood QC A	0.0789	0.0789	0.0789	0.13	0.00	0.00	**161.1657**	**161.2569**
High QC	0.4040	0.4070	0.4055	1.38	-0.37	0.37	172.0491	172.0199
Low QC	0.0811	0.0814	0.0812	1.50	-0.12	0.25	179.2931	179.6822
DI Water	0.0000	0.0000	0.0000	-	-	-	181.8441	183.1513

		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-24-1413 001_001	0.2335	0.2326	0.2321	0.2331	0.232	0.033	0.29	-0.10	-0.31	0.12	190.2686	192.5600	177.8742	178.5735
2	**BCCL-24-1429 002_001**	0.0560	0.0557	0.0550	0.0551	0.055	0.008	0.99	0.45	-0.81	-0.63	189.0454	190.5198	180.4513	181.3532
3	BCCL-24-1482 001_001	0.1328	0.1321	0.1332	0.1339	0.133	0.019	-0.15	-0.68	0.15	0.68	179.1807	180.8043	179.8915	180.2969
4	**BCCL-24-1483 001_001**	0.0773	0.0769	0.0736	0.0737	0.075	0.011	2.55	2.02	-2.35	-2.22	183.1686	185.8953	178.6246	179.4510
5	BCCL-24-1507 001_001	0.1395	0.1391	0.1388	0.1394	0.139	0.020	0.22	-0.07	-0.29	0.14	187.1364	189.2704	167.9890	168.2655
6	BCCL-24-1525 001_001	0.1353	0.1349	0.1317	0.1319	0.133	0.019	1.39	1.09	-1.31	-1.16	186.6456	188.3825	181.3071	182.0329
7	BCCL-24-1526 001_001	0.1702	0.1701	0.1748	0.1749	0.172	0.025	-1.33	-1.39	1.33	1.39	184.9790	186.4754	179.5674	181.6184
8	BCCL-24-1739 001_001	0.1534	0.1529	0.1522	0.1515	0.152	0.022	0.59	0.26	-0.20	-0.66	183.0171	185.2292	175.9277	177.8605
9	BCCL-24-1787 001_001	0.1734	0.1737	0.1786	0.1796	0.176	0.025	-1.66	-1.49	1.29	1.86	184.9434	185.7926	164.4389	**164.7528**
10	**BCCL-24-1788 001_001**	0.0569	0.0569	0.0546	0.0546	0.055	0.008	2.06	2.06	-2.06	-2.06	181.6323	183.2010	180.7489	181.6602
11	**BCCL-24-1789 001_001**	0.0939	0.0937	0.0980	0.0974	0.095	0.014	-1.93	-2.14	2.35	1.72	180.7036	182.3169	182.5478	183.6304
12	BCCL-24-1796 001_001	0.2177	0.2175	0.2050	0.2061	0.211	0.030	2.89	2.80	-3.11	-2.59	175.8185	177.4381	187.5018	188.2173
13	BCCL-24-1797 001_001	0.1596	0.1594	0.1686	0.1688	0.164	0.024	-2.74	-2.86	2.74	2.86	181.1991	182.6413	181.8224	183.7383
14	BCCL-24-1815 001_001	0.1209	0.1217	0.1243	0.1249	0.122	0.018	-1.67	-1.02	1.10	1.59	186.1622	186.6030	182.3108	183.2269
15	BCCL-24-1855 001_001	0.2135	0.2143	0.2112	0.2116	0.212	0.031	0.40	0.78	-0.68	-0.49	174.2966	175.1904	177.0670	178.7225
16	BCCL-24-1856 001_001	0.1670	0.1677	0.1655	0.1659	0.166	0.024	0.29	0.71	-0.62	-0.38	182.6049	183.1938	184.8373	186.2699
17	BCCL-24-1859 001_001	0.2345	0.2349	0.2289	0.2295	0.231	0.033	1.10	1.27	-1.31	-1.06	176.4849	177.5568	181.3117	182.5992
18	BCCL-24-1861 001_001	0.1582	0.1589	0.1560	0.1562	0.157	0.023	0.56	1.00	-0.84	-0.72	184.8036	185.4133	187.0105	188.6821
19	BCCL-24-1877 001_001	0.1516	0.1518	0.1539	0.1544	0.152	0.022	-0.87	-0.74	0.64	0.96	183.8330	185.0202	181.7288	182.9276
20	BCCL-24-1882 001_001	0.2240	0.2243	0.2242	0.2246	0.224	0.032	-0.12	0.01	-0.03	0.14	191.1016	192.6362	178.3268	179.9005

KB 10/24/2024

Blood QC A area counts for FID 1 and 2 are outside 10% IS area average of calibrators, this criteria only applies to case samples therefore this QC and batch are deemed acceptable -KB 10/24/2024

Kayla M. Baylor Digitally signed by Kayla M. Baylor
Date: 2024.10.24 14:36:18 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20241017-KB Analyst: Kayla M. Baylor Instrument: BAC-2

	Lot:	Expiration:	Inventory Number:
Cal 1	FN1227 2201	2/29/2028	S-23-5008M
Cal 2	FN03122112	3/31/2026	S-23-5009B
Cal 3	FN0317 2301	3/31/2028	S-23-5010E
Cal 4	FN0307 2301	3/31/2028	S-23-5011E
Cal 5	FN03132302	3/31/2028	S-23-5012D
Cal 6	FN03052102	3/31/2026	S-23-5013C
Cal 7	FN0626 2004	7/31/2025	S-23-5014F
High QC	30012020-A	1/31/2025	S-23-5015G
Low QC	517757	6/21/2025	S-24-5001G
Blood QC A	2401241	2/28/2028	S-24-5002D
Blood QC B	2302120	5/31/2027	S-24-5003D
Internal Standard	N/A	3/4/2025	R-24-5006
Pipette(s)	5053, 205L		

Comments:

KB

BAC_20241017_KB

BCCL ANALYTICAL WORKLIST

ANALYST: Kayla Baylor

Worklist ID: G6V6FQ0SSMWNH0

Case #	Evid #	Evid Type	Service
BCCL-24-1413	001_001	Blood	Alcohol
	~~001_002~~	~~Blood~~	~~Alcohol~~ KB 10/24/2024
BCCL-24-1429	002_001	Blood	Alcohol
	002_002	~~Blood~~	~~Alcohol~~ KB 10/24/2024
BCCL-24-1482	001_001	Blood	Alcohol
	~~001_002~~	~~Blood~~	~~Alcohol~~ KB 10/24/2024
BCCL-24-1483	001_001	Blood	Alcohol
	~~001_002~~	~~Blood~~	~~Alcohol~~ KB 10/24/2024
BCCL-24-1507	001_001	Blood	Alcohol
	~~001_002~~	~~Blood~~	~~Alcohol~~ KB 10/24/2024
BCCL-24-1525	001_001	Blood	Alcohol
	~~001_002~~	~~Blood~~	~~Alcohol~~ KB 10/24/2024
BCCL-24-1526	001_001	Blood	Alcohol
	~~001_002~~	~~Blood~~	~~Alcohol~~ KB 10/24/2024
BCCL-24-1739	001_001	Blood	Alcohol
BCCL-24-1787	001_001	Blood	Alcohol
BCCL-24-1788	001_001	Blood	Alcohol
BCCL-24-1789			

KB

BAC-20241017-KB

Case #	Evid #	Evid Type	Service
	001_001	Blood	Alcohol
BCCL-24-1796	001_001	Blood	Alcohol
BCCL-24-1797	001_001	Blood	Alcohol
BCCL-24-1815	001_001	Blood	Alcohol
BCCL-24-1855	001_001	Blood	Alcohol
BCCL-24-1856	001_001	Blood	Alcohol
BCCL-24-1859	001_001	Blood	Alcohol
BCCL-24-1877	001_001	Blood	Alcohol
BCCL-24-1882	001_001	Blood	Alcohol

BCCL-24-1861 001-001

KB

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\2\SEQUENCE\2024\BAC_20241017_KB.S
Operator : Kayla M. Baylor
Data File Naming : Auto
Data Directory : C:\Chem32\2\Data\
Data Subdirectory : 2024
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
10/17/2024 mh

SEQUENCE TABLE:

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (24-2229)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 1
Update RF : Replace
Update RT : Replace

Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (24-2230)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 2
Update RF : Replace
Update RT : Replace

Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (24-2231)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 3
Update RF : Replace
Update RT : Replace

KB

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Line                : 4
Location            : 4
Sample Information  :
Sample Name         : 0.100 g/100mL Cal (24-2232)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 4
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 5
Location            : 5
Sample Information  :
Sample Name         : 0.200 g/100mL Cal (24-2233)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 5
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 6
Location            : 6
Sample Information  :
Sample Name         : 0.400 g/100mL Cal (24-2234)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 6
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 7
Location            : 7
Sample Information  :
Sample Name         : 0.500 g/100mL Cal (24-2235)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 7
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 8
Location            : 8
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Sample Information :
Sample Name : Negative (24-2236)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-2237)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :
Sample Name : Low QC (24-2238)
Method Name : BAC
Sample Type : Sample

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Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-2239)
Method Name : BAC
Sample Type : Sample

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Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-24-1413 001_001 (24-2240)
Method Name : BAC
Sample Type : Sample

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Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-24-1429 002_001 (24-2241)
Method Name : BAC
Sample Type : Sample

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Line : 14
Location : 14

KB

Sample Information : Alq 1
Sample Name : BCCL-24-1482 001_001 (24-2242)
Method Name : BAC
Sample Type : Sample

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Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-24-1483 001_001 (24-2243)
Method Name : BAC
Sample Type : Sample

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Line : 16
Location : 16
Sample Information : Alq 1
Sample Name : BCCL-24-1507 001_001 (24-2244)
Method Name : BAC
Sample Type : Sample

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Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-24-1525 001_001 (24-2245)
Method Name : BAC
Sample Type : Sample

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Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-24-1526 001_001 (24-2246)
Method Name : BAC
Sample Type : Sample

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Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-24-1739 001_001 (24-2247)
Method Name : BAC
Sample Type : Sample

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Line : 20
Location : 20

KB

Sample Information : Alq 1
Sample Name : BCCL-24-1787 001_001 (24-2248)
Method Name : BAC
Sample Type : Sample

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Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-24-1788 001_001 (24-2249)
Method Name : BAC
Sample Type : Sample

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Line : 22
Location : 22
Sample Information :
Sample Name : Blood QC B (24-2250)
Method Name : BAC
Sample Type : Sample

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Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-24-1789 001_001 (24-2251)
Method Name : BAC
Sample Type : Sample

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Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-24-1796 001_001 (24-2252)
Method Name : BAC
Sample Type : Sample

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Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-24-1797 001_001 (24-2253)
Method Name : BAC
Sample Type : Sample

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Line : 26
Location : 26

KB

Sample Information : Alq 1
Sample Name : BCCL-24-1815 001_001 (24-2254)
Method Name : BAC
Sample Type : Sample

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Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-24-1855 001_001 (24-2255)
Method Name : BAC
Sample Type : Sample

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Line : 28
Location : 28
Sample Information : Alq 1
Sample Name : BCCL-24-1856 001_001 (24-2256)
Method Name : BAC
Sample Type : Sample

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Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-24-1859 001_001 (24-2257)
Method Name : BAC
Sample Type : Sample

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Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-24-1861 001_001 (24-2258)
Method Name : BAC
Sample Type : Sample

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Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-24-1877 001_001 (24-2259)
Method Name : BAC
Sample Type : Sample

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Line : 32
Location : 32

KB

Sample Information : Alq 1
Sample Name : BCCL-24-1882 001_001 (24-2260)
Method Name : BAC
Sample Type : Sample

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Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-2261)
Method Name : BAC
Sample Type : Sample

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Line : 34
Location : 34
Sample Information : Alq 2
Sample Name : BCCL-24-1882 001_001 (24-2262)
Method Name : BAC
Sample Type : Sample

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Line : 35
Location : 35
Sample Information : Alq 2
Sample Name : BCCL-24-1877 001_001 (24-2263)
Method Name : BAC
Sample Type : Sample

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Line : 36
Location : 36
Sample Information : Alq 2
Sample Name : BCCL-24-1861 001_001 (24-2264)
Method Name : BAC
Sample Type : Sample

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Line : 37
Location : 37
Sample Information : Alq 2
Sample Name : BCCL-24-1859 001_001 (24-2265)
Method Name : BAC
Sample Type : Sample

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Line : 38
Location : 38

KB

Sample Information : Alq 2
Sample Name : BCCL-24-1856 001_001 (24-2266)
Method Name : BAC
Sample Type : Sample

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Line : 39
Location : 39
Sample Information : Alq 2
Sample Name : BCCL-24-1855 001_001 (24-2267)
Method Name : BAC
Sample Type : Sample

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Line : 40
Location : 40
Sample Information : Alq 2
Sample Name : BCCL-24-1815 001_001 (24-2268)
Method Name : BAC
Sample Type : Sample

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Line : 41
Location : 41
Sample Information : Alq 2
Sample Name : BCCL-24-1797 001_001 (24-2269)
Method Name : BAC
Sample Type : Sample

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Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : BCCL-24-1796 001_001 (24-2270)
Method Name : BAC
Sample Type : Sample

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Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : BCCL-24-1789 001_001 (24-2271)
Method Name : BAC
Sample Type : Sample

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Line : 44
Location : 44

KB

Sample Information :
Sample Name : Blood QC B (24-2272)
Method Name : BAC
Sample Type : Sample

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Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-24-1788 001_001 (24-2273)
Method Name : BAC
Sample Type : Sample

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Line : 46
Location : 46
Sample Information : Alq 2
Sample Name : BCCL-24-1787 001_001 (24-2274)
Method Name : BAC
Sample Type : Sample

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Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-1739 001_001 (24-2275)
Method Name : BAC
Sample Type : Sample

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Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-1526 001_001 (24-2276)
Method Name : BAC
Sample Type : Sample

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Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-24-1525 001_001 (24-2277)
Method Name : BAC
Sample Type : Sample

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Line : 50
Location : 50

KB

Sample Information : Alq 2
Sample Name : BCCL-24-1507 001_001 (24-2278)
Method Name : BAC
Sample Type : Sample

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Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-24-1483 001_001 (24-2279)
Method Name : BAC
Sample Type : Sample

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Line : 52
Location : 52
Sample Information : Alq 2
Sample Name : BCCL-24-1482 001_001 (24-2280)
Method Name : BAC
Sample Type : Sample

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Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-24-1429 002_001 (24-2281)
Method Name : BAC
Sample Type : Sample

==========

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-24-1413 001_001 (24-2282)
Method Name : BAC
Sample Type : Sample

==========

Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (24-2283)
Method Name : BAC
Sample Type : Sample

==========

Line : 56
Location : 56

KB

Sample Information :
Sample Name : High QC (24-2284)
Method Name : BAC
Sample Type : Sample

==========

Line : 57
Location : 57
Sample Information :
Sample Name : Low QC (24-2285)
Method Name : BAC
Sample Type : Sample

==========

Line : 58
Location : 58
Sample Information :
Sample Name : DI Water (24-2286)
Method Name : BAC
Sample Type : Sample

==========

KB

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

Method Information

Method: C:\Chem32\2\Methods\BAC.M
Modified: 9/17/2024 at 1:18:37 PM

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 10.1.1.101
Injection Location:	GC Front

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

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Agilent 7890B

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GC
GC Summary

Run Time	4 min
Post Run Time	0 min

Oven
Temperature

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

Front SS Inlet He

Mode	Split
Heater	On 110 °C
Pressure	On 24 psi
Total Flow	On 81.121 mL/min
Septum Purge Flow	On 3 mL/min
Gas Saver	Off
Split Ratio	10 :1
Split Flow	69.952 mL/min

Column
Column #1
Pressure

Setpoint	On
(Initial)	24 psi
Post Run	24 psi

Agilent 123-9134
DB-ALC1
0 °C—325 °C (325 °C): 30 m x 320 µm x 1.8 µm

Column lock	Unlocked
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

Column #2
Pressure

Setpoint	On

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

(Initial)	24 psi
Post Run	24 psi

Agilent 123-9234
DB-ALC2
0 °C—325 °C (325 °C): 30 m x 320 µm x 1.2 µm

Column lock	Unlocked
In	Front SS Inlet He
Out	Back Detector FID
(Initial)	40 °C
Pressure	24 psi
Flow	7.1019 mL/min
Average Velocity	80.935 cm/sec
Holdup Time	0.61778 min
Column Outlet Pressure	0 psi

Front Detector FID

Makeup	N2
	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
Electrometer	On

Back Detector FID

Makeup	N2
	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
Electrometer	On

Signals
Signal #1: Front Signal

Description	Front Signal
Details	Front Signal (FID)
Save	On
Data Rate	20 Hz
Dual Injection Assignment	Front Sample

Signal #2: Back Signal

Description	Back Signal
Details	Back Signal (FID)
Save	On
Data Rate	20 Hz
Dual Injection Assignment	Back Sample

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

Signal #3: Test Plot	
Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz
Dual Injection Assignment	Back Sample
Signal #4: Test Plot	
Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz
Dual Injection Assignment	Back Sample

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Agilent 7697A

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Agilent 7697A

Instrument Info

Address:	10.1.1.101
Serial Number:	CN16210024
Firmware Revision:	A.01.08.1

Instrument Settings

Vial Pressurization Gas:	Helium
Loop Size (mL):	1
Keyboard Lock:	OFF
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

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

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

The Data Analysis Parameters of the used Method are :

Integration Events

Non signal specific Integration Events

Event	Value
Tangent Skim Mode	Standard
Tail Peak Skim Height Ratio	0.000
Front Peak Skim Height Ratio	0.000
Skim Valley Ratio	20.000
Baseline Correction	Classical
Peak to Valley Ratio	500.000

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

Default Integration Event Table "Event"

Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

Detector Default Integration Event Table "Event_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

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_FID"

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

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

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

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

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

Detector Default Integration Event Table "Event_uECD"

Event	Value	Time
Initial Slope Sensitivity	500.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	2.000	Initial
Initial Height Reject	2.000	Initial
Initial Shoulders	OFF	Initial

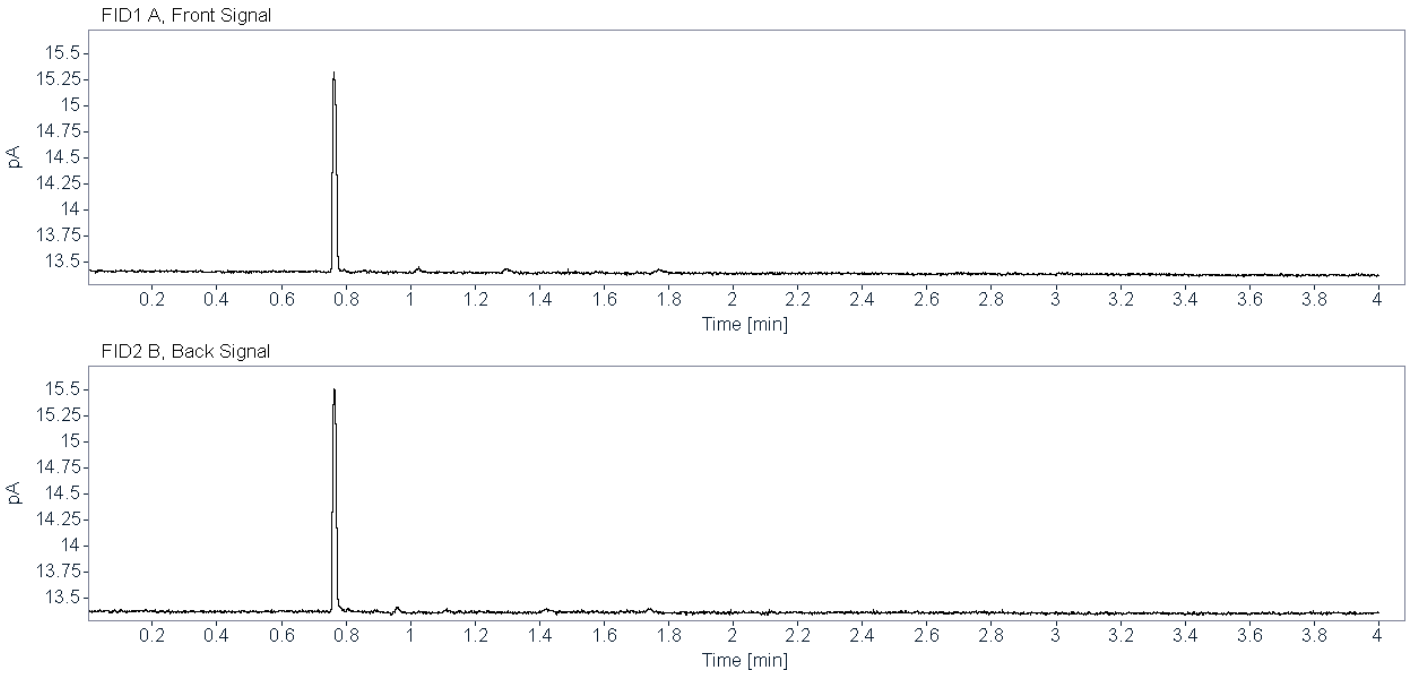
Apply Method's Manual Integration Events: No

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

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

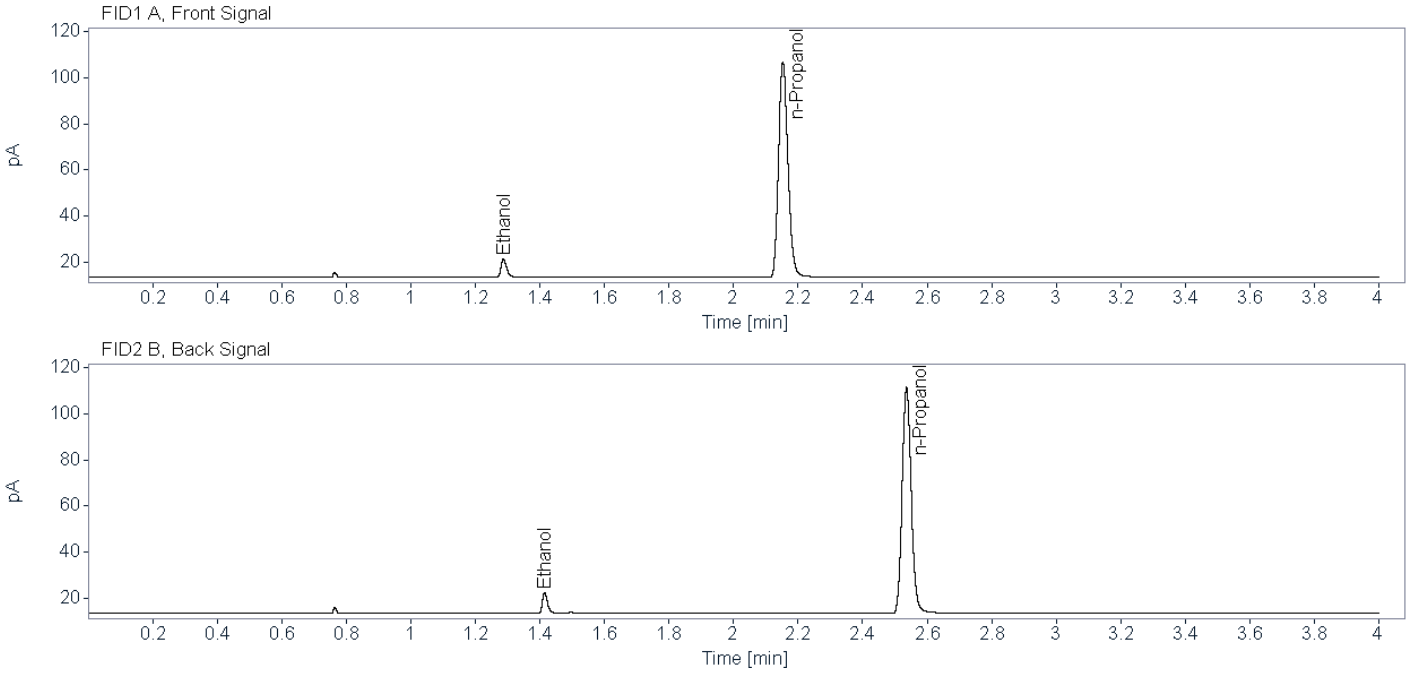
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 7:23:10 AM

Data File: C:\Chem32\2\Data\2024\BAC_20241017PC_KB 2024-10-17 07-13-15\001F0101.D



Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: PC **Description:** **Sample Barcode** **Vial Number:** 2
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 7:27:53 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241017PC_KB 2024-10-17 07-13-15\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72114	1.287	1.287	9.8282	0.0115
n-Propanol	0.80808	2.153	2.154	188.8161	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71396	1.415	1.416	9.9627	0.0119
n-Propanol	0.86071	2.536	2.538	191.1206	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 10/17/2024 3:07:58 PM
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
1.282	1	1	1.00000e-2	9.66168	1.03502e-3	No	No	1	Ethanol
		2	2.50000e-2	24.29578	1.02899e-3				
		3	5.00000e-2	49.14073	1.01749e-3				
		4	1.00000e-1	99.38877	1.00615e-3				
		5	2.00000e-1	198.63782	1.00686e-3				
		6	4.00000e-1	406.78976	9.83309e-4				
		7	5.00000e-1	515.08551	9.70713e-4				
1.410	2	1	1.00000e-2	9.71308	1.02954e-3	No	No	2	Ethanol
		2	2.50000e-2	24.53092	1.01912e-3				
		3	5.00000e-2	49.98965	1.00021e-3				
		4	1.00000e-1	101.20165	9.88126e-4				
		5	2.00000e-1	202.09251	9.89646e-4				
		6	4.00000e-1	414.24884	9.65603e-4				
		7	5.00000e-1	524.81018	9.52725e-4				
2.153	1	1	1.00000e-2	184.86511	5.40935e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	181.85866	5.49878e-5				
		3	1.00000e-2	180.87248	5.52876e-5				
		4	1.00000e-2	182.87323	5.46827e-5				
		5	1.00000e-2	180.39445	5.54341e-5				
		6	1.00000e-2	182.93358	5.46646e-5				
		7	1.00000e-2	183.66193	5.44479e-5				
2.536	2	1	1.00000e-2	186.75528	5.35460e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	184.06483	5.43287e-5				
		3	1.00000e-2	182.94370	5.46616e-5				
		4	1.00000e-2	184.90877	5.40807e-5				
		5	1.00000e-2	181.91602	5.49704e-5				
		6	1.00000e-2	184.30936	5.42566e-5				
		7	1.00000e-2	185.54170	5.38962e-5				

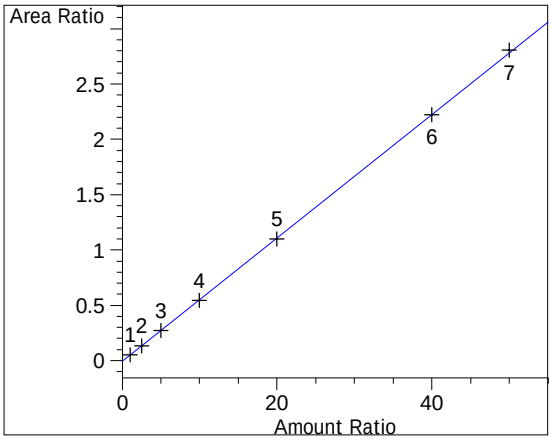
Peak Sum Table

No Entries in table

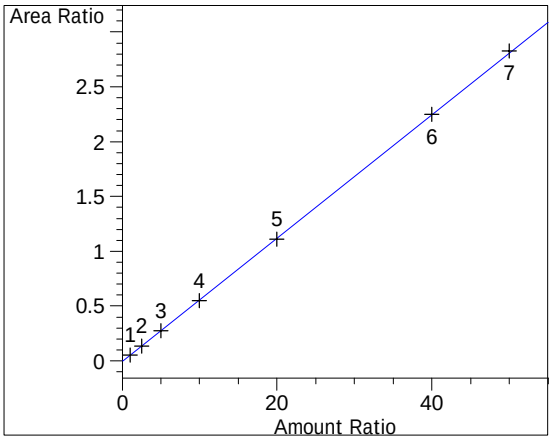
1 Warnings or Errors :

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

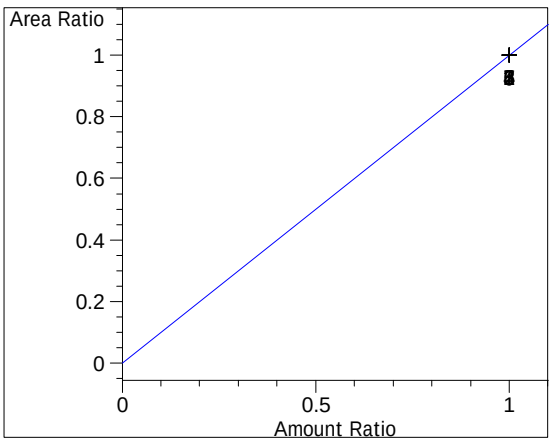
Calibration Curves



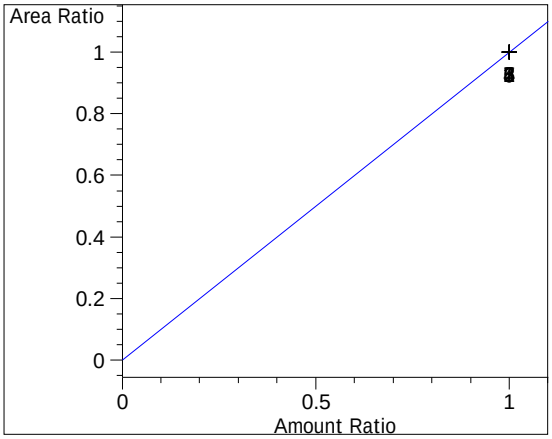
Ethanol at exp. RT: 1.282
FID1 A, Front Signal
Correlation: 0.99996
Residual Std. Dev.: 0.01125
Formula: y = mx + b
m: 5.57641e-2
b: -5.10776e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.391202
Level 3 : 0.192366
Level 4 : 0.096164
Level 5 : 0.047463
Level 6 : 0.023503
Level 7 : 0.018635



Ethanol at exp. RT: 1.410
FID2 B, Back Signal
Correlation: 0.99996
Residual Std. Dev.: 0.01057
Formula: y = mx + b
m: 5.63079e-2
b: -6.16924e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.390248
Level 3 : 0.190336
Level 4 : 0.095028
Level 5 : 0.046817
Level 6 : 0.02314
Level 7 : 0.018388



n-Propanol at exp. RT: 2.153
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

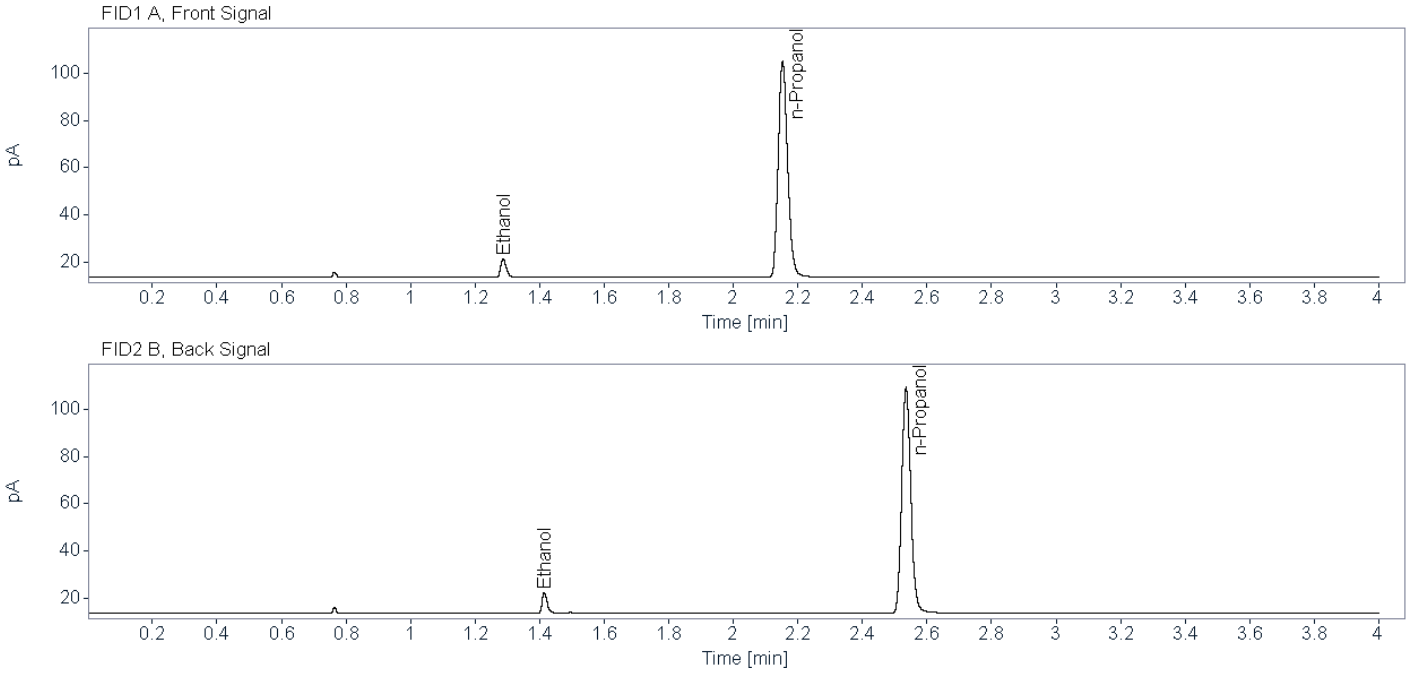


n-Propanol at exp. RT: 2.536
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (24-2229) **Description:** **Sample Barcode** 24-2229 **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 9:55:54 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\001F0101.D



Name FID1A

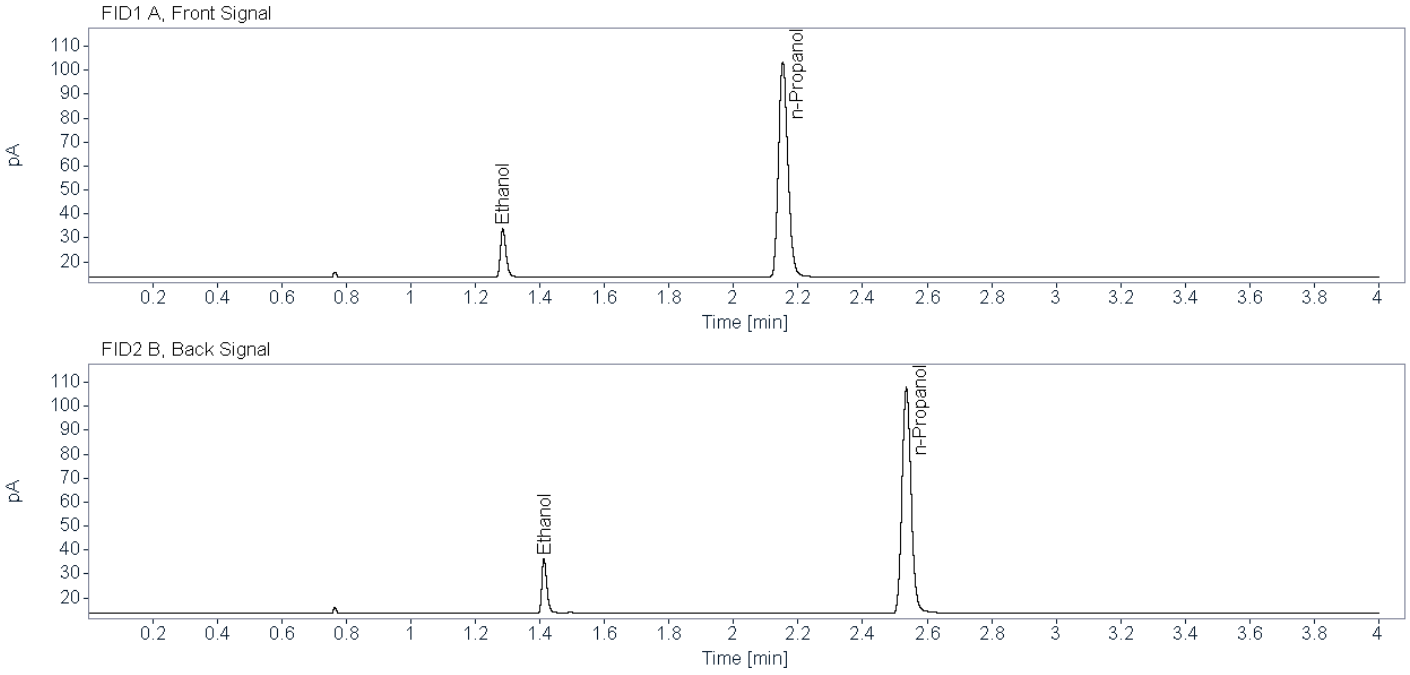
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72196	1.287	1.287	9.6617	0.0103
n-Propanol	0.80638	2.153	2.153	184.8651	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71499	1.415	1.415	9.7131	0.0103
n-Propanol	0.86506	2.535	2.535	186.7553	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (24-2230) **Description:** **Sample Barcode** 24-2230 **Vial Number:** 2
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 10:00:37 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\002F0201.D



Name FID1A

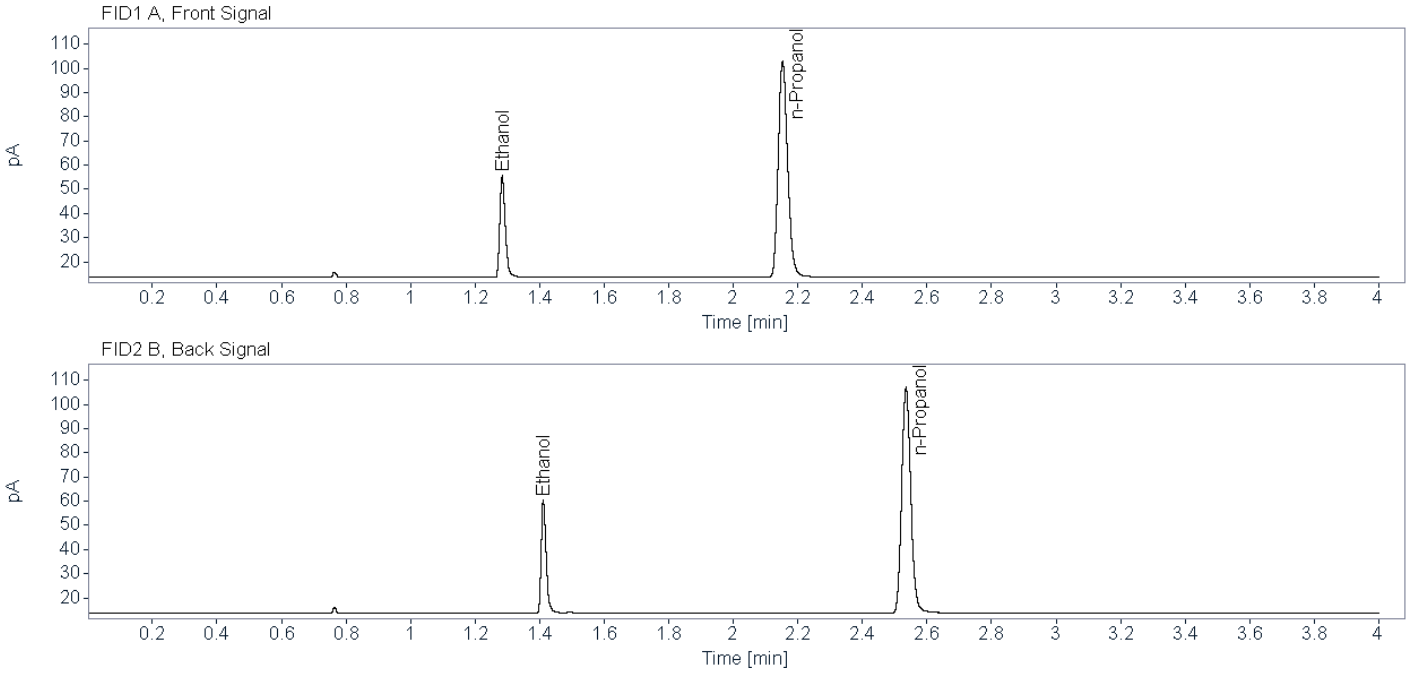
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72425	1.285	1.285	24.2958	0.0249
n-Propanol	0.80199	2.153	2.153	181.8587	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70536	1.413	1.413	24.5309	0.0248
n-Propanol	0.85418	2.535	2.535	184.0648	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (24-2231) **Description:** **Sample Barcode** 24-2231 **Vial Number:** 3
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 10:06:18 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\003F0301.D



Name FID1A

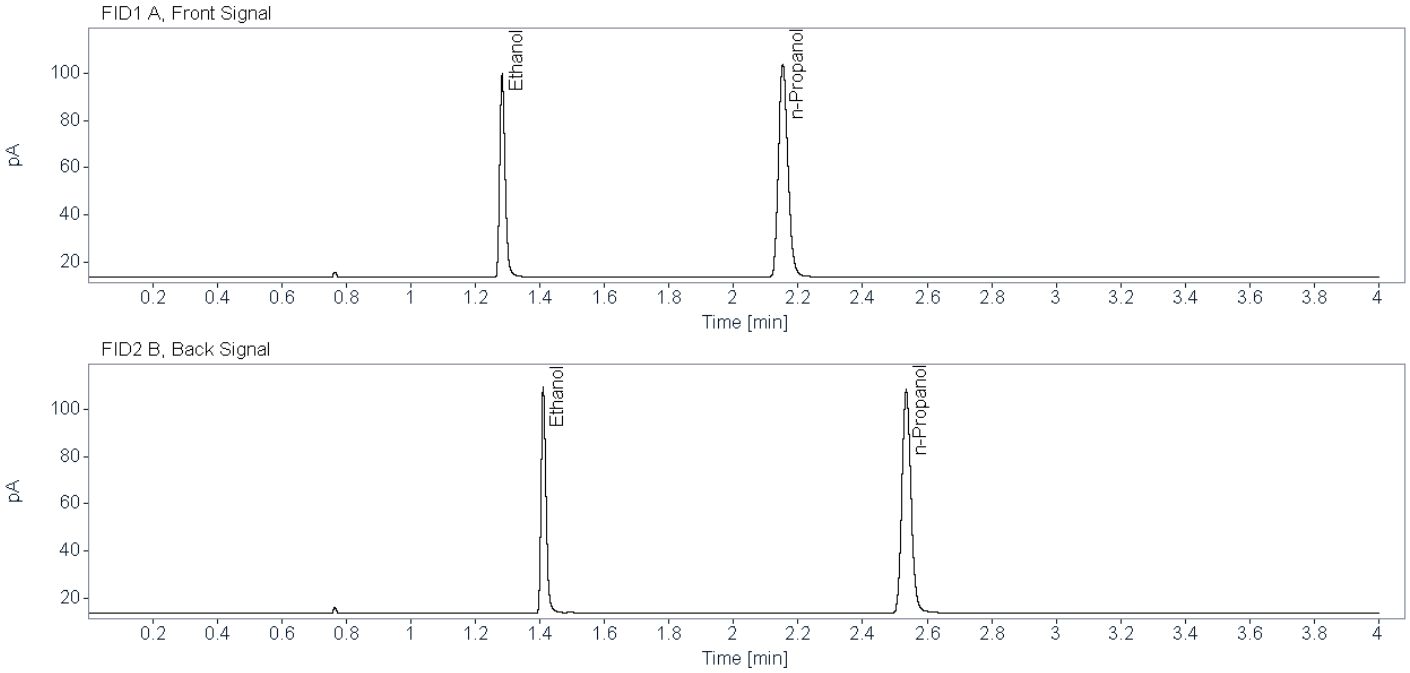
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73606	1.284	1.284	49.1407	0.0496
n-Propanol	0.79748	2.153	2.153	180.8725	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74020	1.412	1.412	49.9896	0.0496
n-Propanol	0.86643	2.535	2.535	182.9437	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (24-2232) **Description:** **Sample Barcode** 24-2232 **Vial Number:** 4
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 10:11:00 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\004F0401.D



Name FID1A

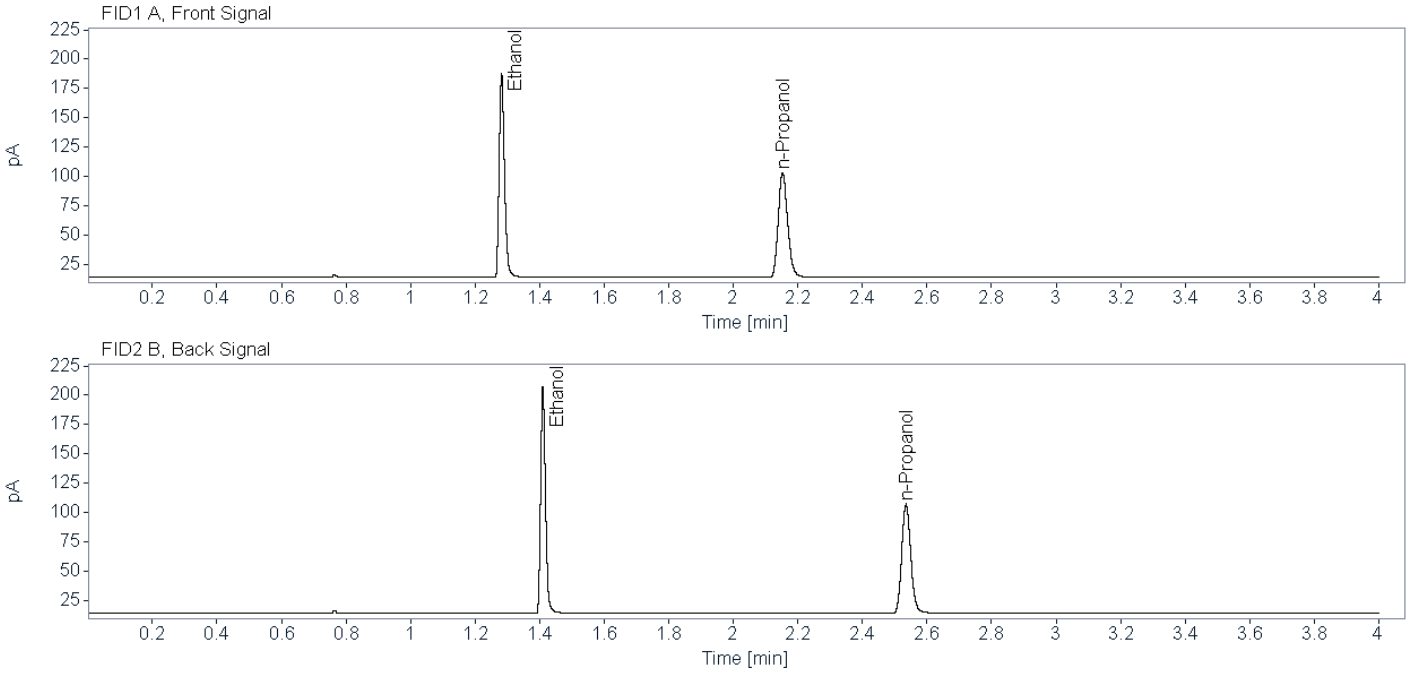
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74736	1.283	1.283	99.3888	0.0984
n-Propanol	0.80163	2.153	2.153	182.8732	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76399	1.411	1.411	101.2017	0.0983
n-Propanol	0.84584	2.535	2.535	184.9088	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (24-2233) **Description:** **Sample Barcode** 24-2233 **Vial Number:** 5
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 10:16:42 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\005F0501.D



Name FID1A

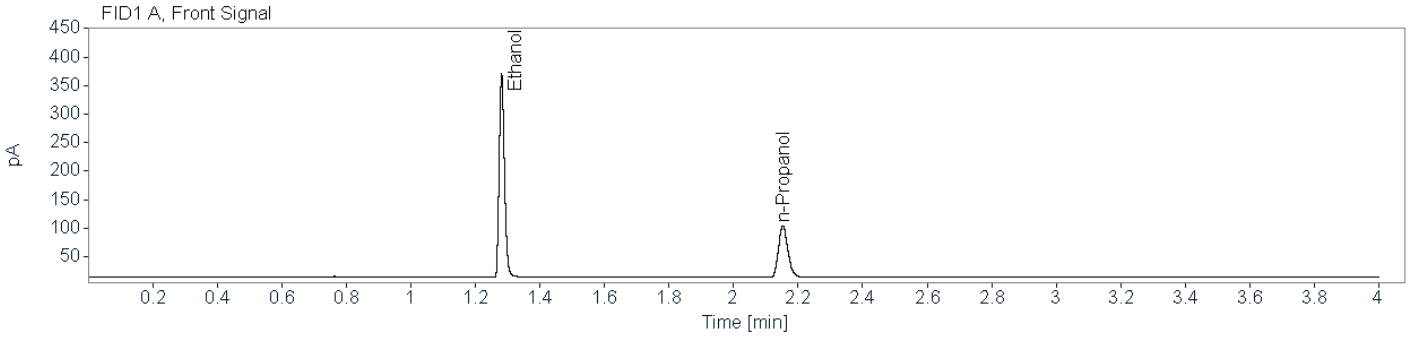
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76913	1.282	1.282	198.6378	0.1984
n-Propanol	0.79922	2.153	2.153	180.3945	0.0100

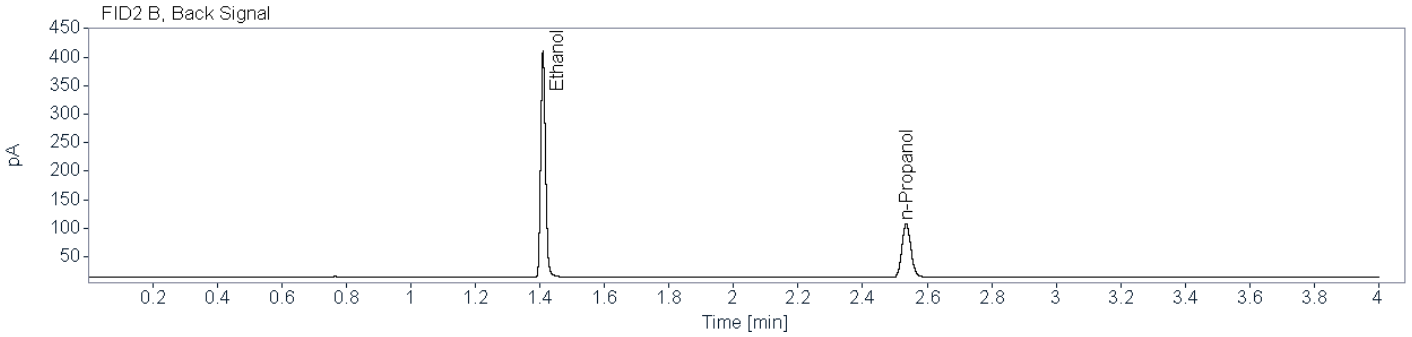
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77099	1.410	1.410	202.0925	0.1984
n-Propanol	0.85587	2.535	2.535	181.9160	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (24-2234) **Description:** **Sample Barcode** 24-2234 **Vial Number:** 6
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 10:21:24 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\006F0601.D





Name FID1A

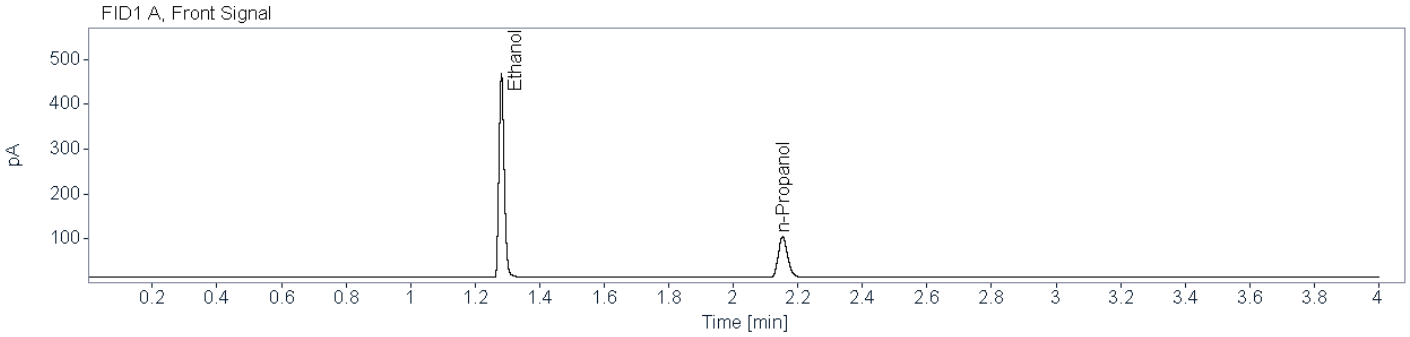
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79474	1.282	1.282	406.7898	0.3997
n-Propanol	0.80130	2.153	2.153	182.9336	0.0100

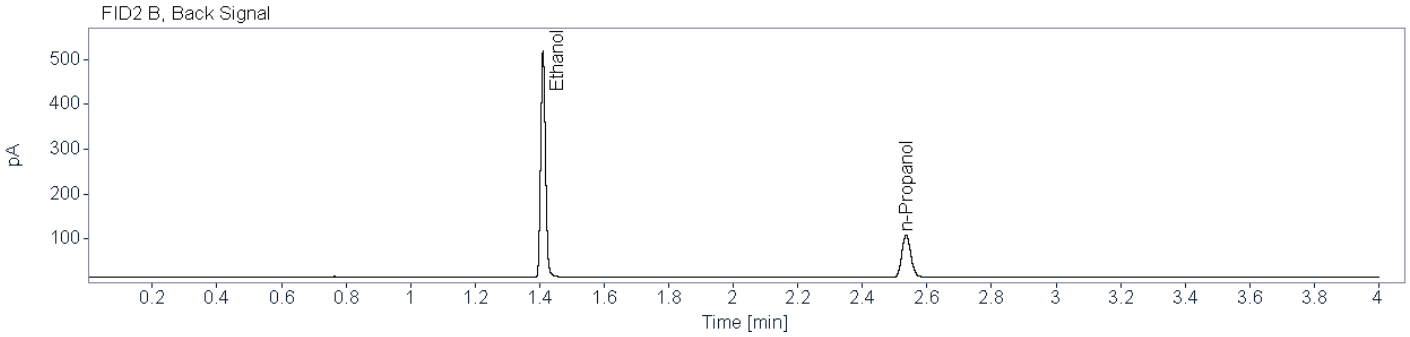
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82262	1.409	1.409	414.2488	0.4003
n-Propanol	0.85722	2.535	2.535	184.3094	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (24-2235) **Description:** **Sample Barcode** 24-2235 **Vial Number:** 7
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 10:27:06 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\007F0701.D





Name FID1A

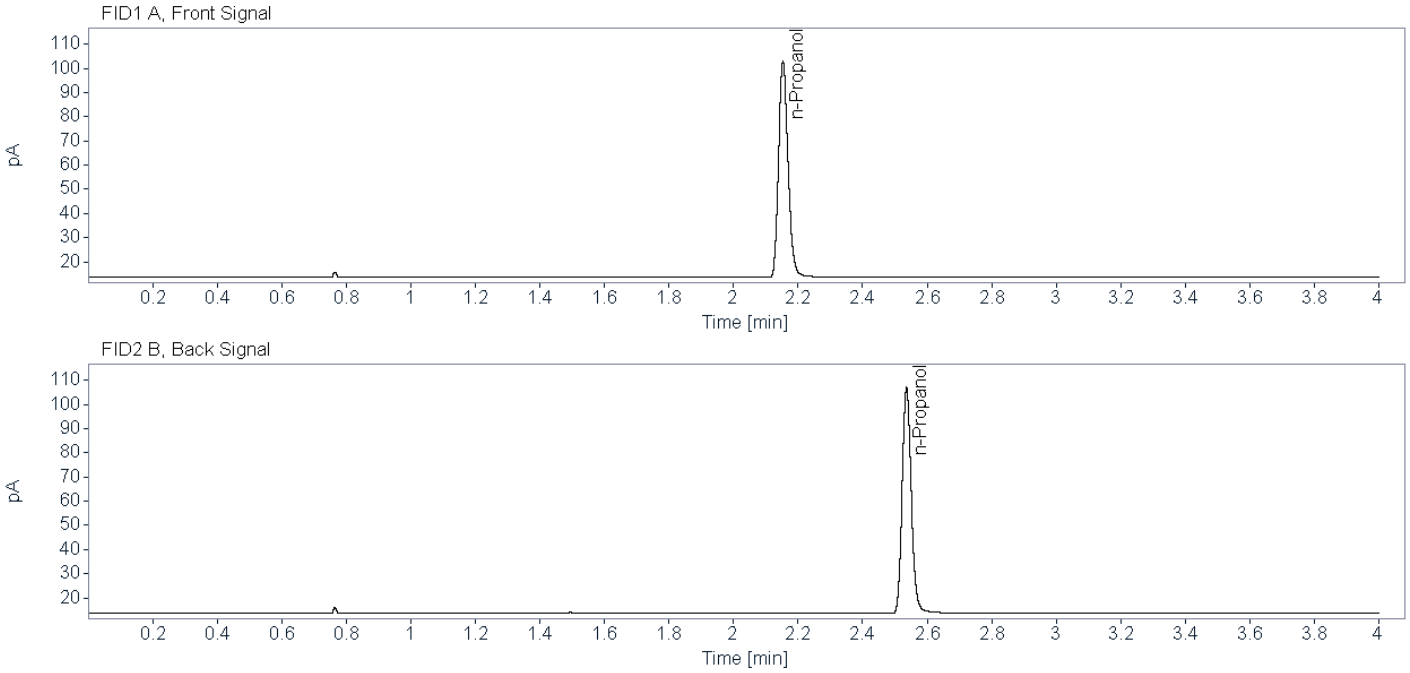
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80675	1.282	1.282	515.0855	0.5038
n-Propanol	0.80032	2.153	2.153	183.6619	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.85642	1.410	1.410	524.8102	0.5034
n-Propanol	0.85957	2.536	2.536	185.5417	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (24-2236) **Description:** **Sample Barcode** 24-2236 **Vial Number:** 8
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 10:31:48 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\008F0801.D



Name FID1A

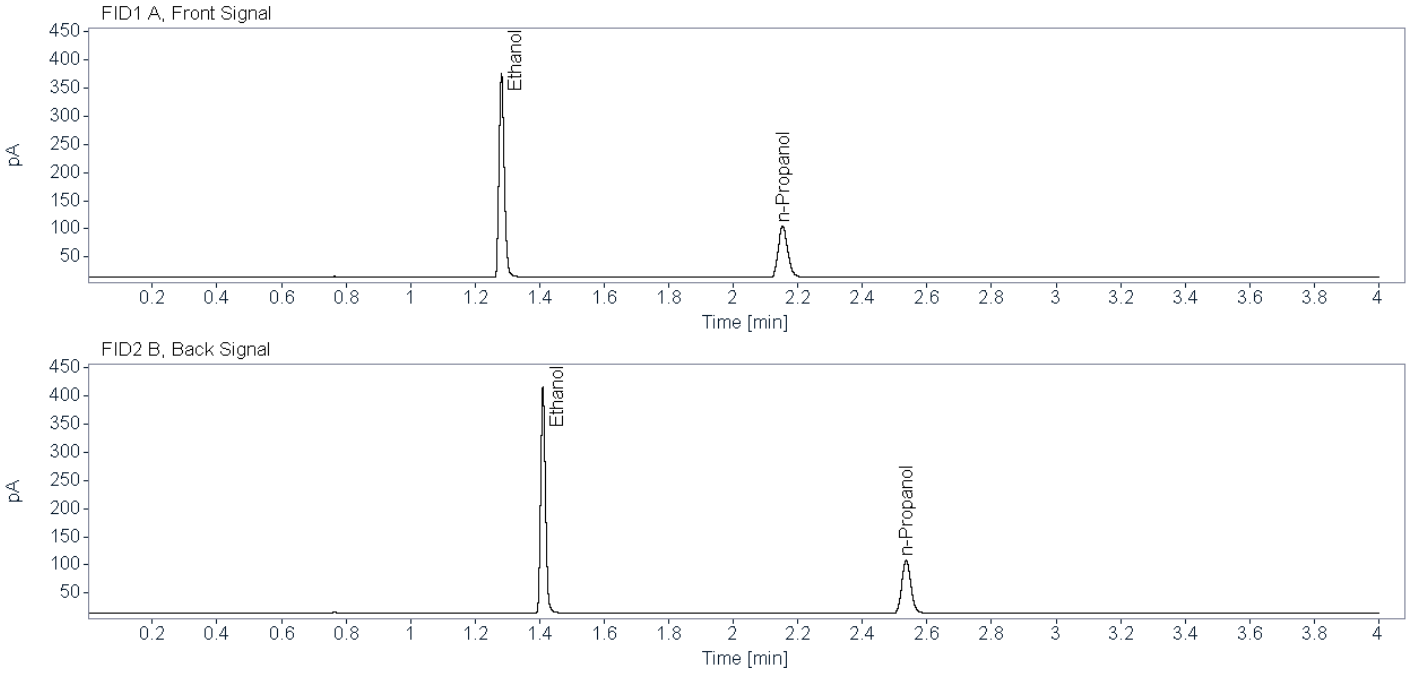
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80382	2.153	2.153	181.0380	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84620	2.536	2.536	182.8403	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-2237) **Description:** **Sample Barcode** 24-2237 **Vial Number:** 9
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 10:37:30 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\009F0901.D



Name FID1A

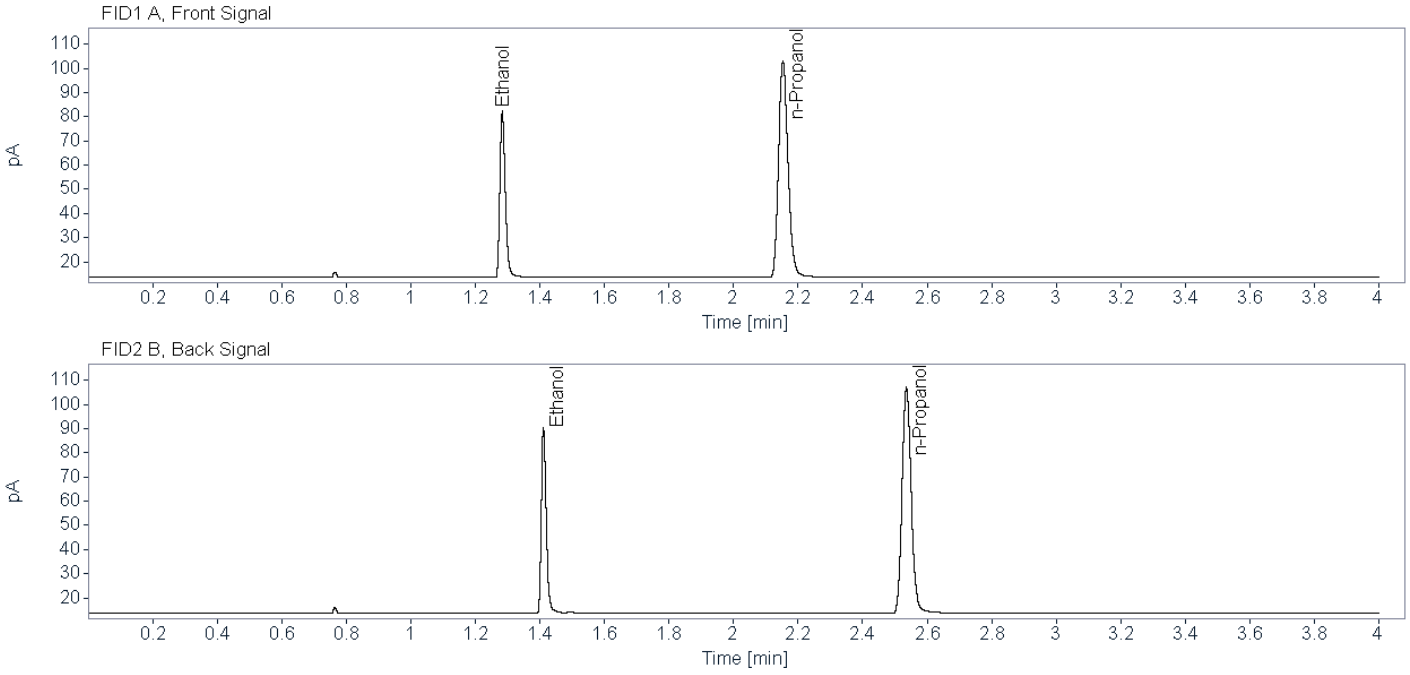
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79612	1.282	1.282	410.9859	0.4022
n-Propanol	0.79873	2.153	2.153	183.6738	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82513	1.410	1.410	417.9327	0.4025
n-Propanol	0.85956	2.536	2.536	184.9258	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-2238) **Description:** **Sample Barcode** 24-2238 **Vial Number:** 10
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 10:42:12 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\010F1001.D



Name FID1A

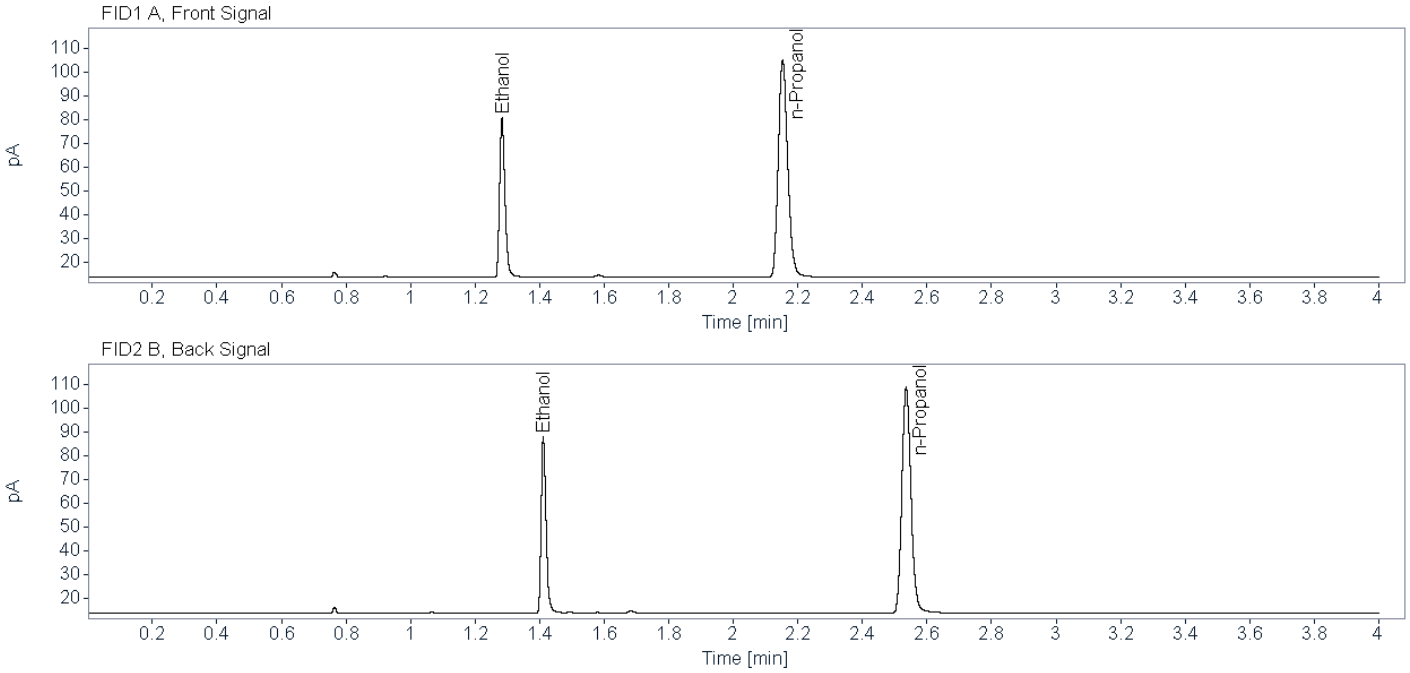
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73429	1.284	1.282	79.7111	0.0799
n-Propanol	0.80343	2.153	2.153	180.9792	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74890	1.411	1.410	81.0941	0.0797
n-Propanol	0.84691	2.536	2.536	183.1142	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-2239) **Description:** **Sample Barcode** 24-2239 **Vial Number:** 11
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 10:47:54 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\011F1101.D



Name FID1A

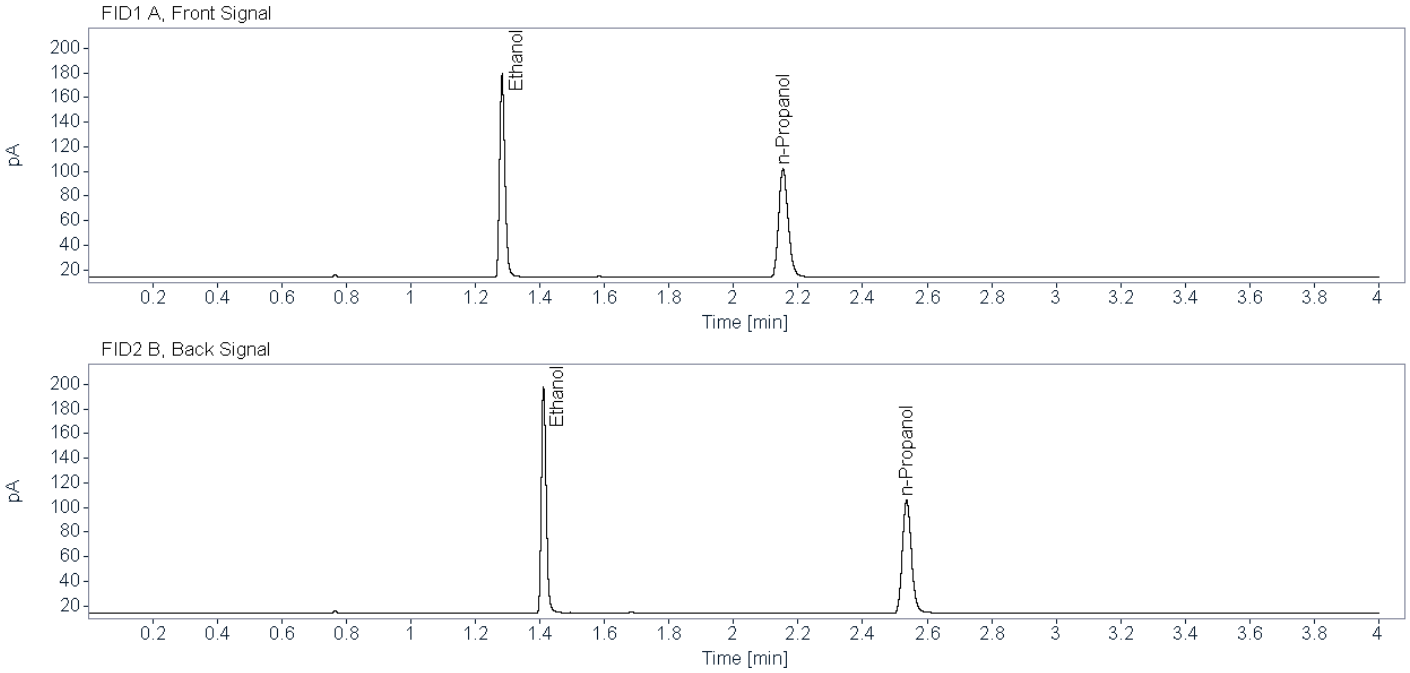
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75464	1.284	1.282	77.2840	0.0760
n-Propanol	0.80273	2.153	2.153	184.6492	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75614	1.411	1.410	78.5052	0.0761
n-Propanol	0.85587	2.536	2.536	185.8172	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-2250) **Description:** **Sample Barcode** 24-2250 **Vial Number:** 22
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 11:44:37 AM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\022F2201.D



Name FID1A

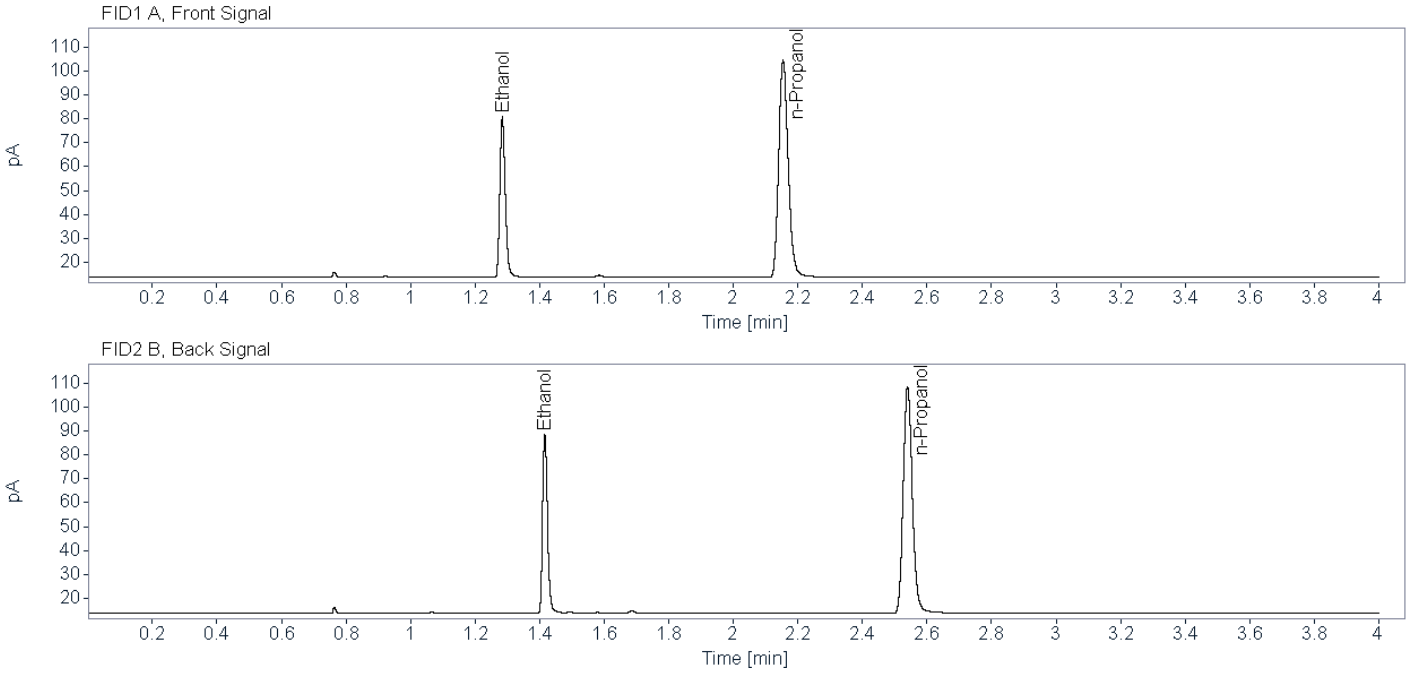
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76340	1.283	1.282	188.8103	0.1904
n-Propanol	0.80032	2.153	2.153	178.7017	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78446	1.411	1.410	192.3890	0.1909
n-Propanol	0.84414	2.536	2.536	180.0564	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-2261) **Description:** **Sample Barcode** 24-2261 **Vial Number:** 33
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 12:42:18 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\033F3301.D



Name FID1A

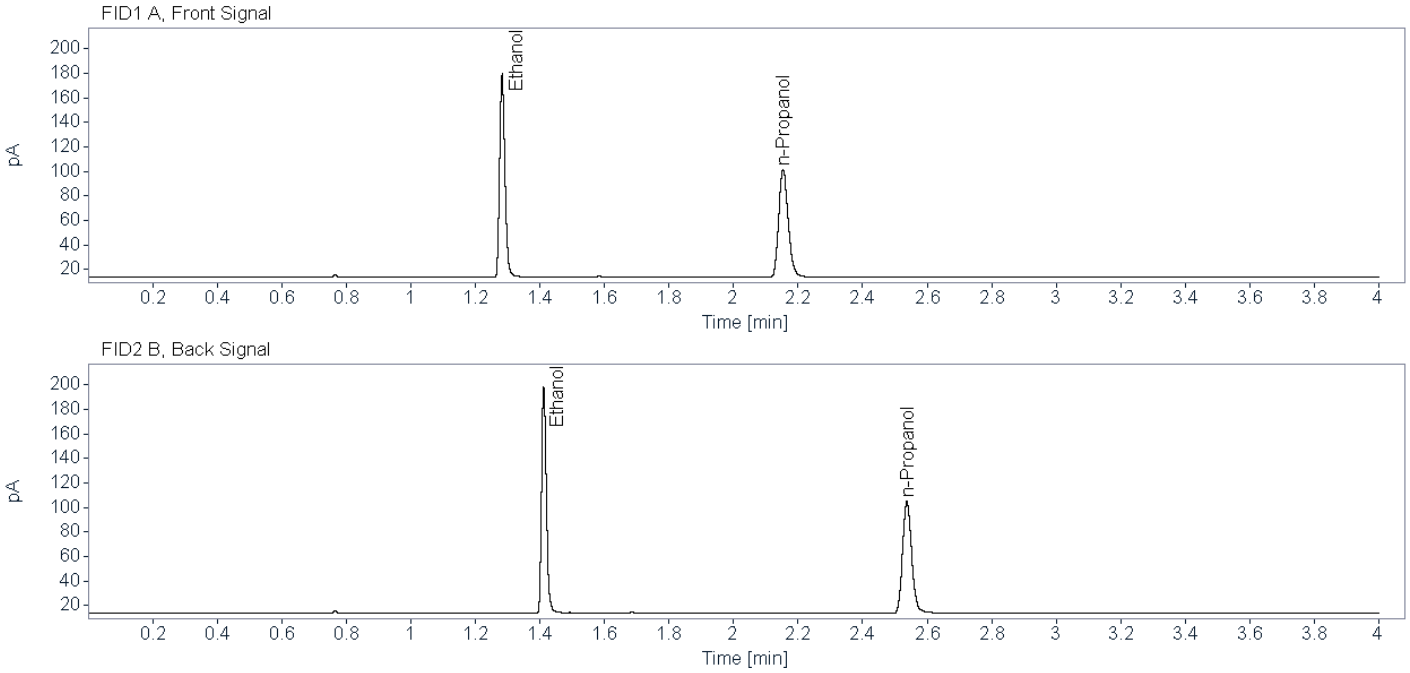
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78406	1.285	1.282	77.9659	0.0770
n-Propanol	0.81026	2.154	2.153	183.8448	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77869	1.416	1.410	79.1739	0.0772
n-Propanol	0.84845	2.540	2.536	184.8130	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-2272) **Description:** **Sample Barcode** 24-2272 **Vial Number:** 44
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 1:39:52 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\044F4401.D



Name FID1A

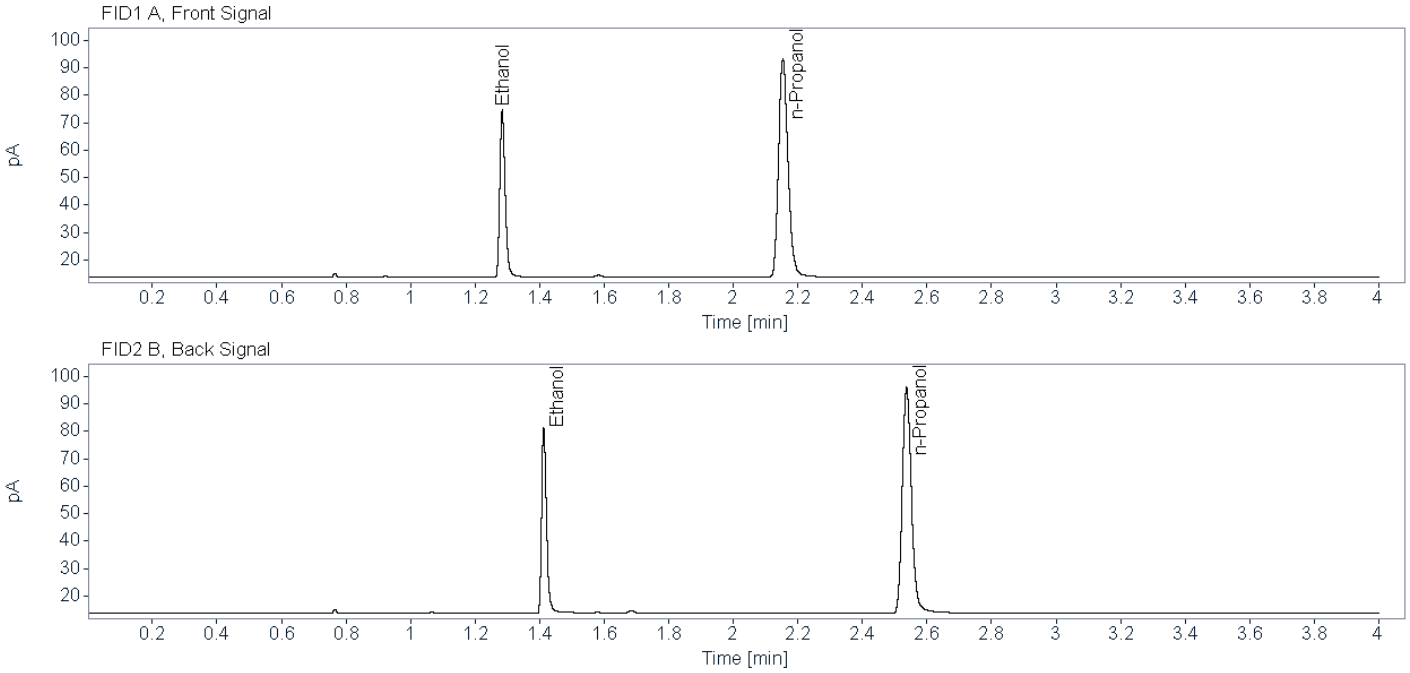
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77850	1.283	1.282	189.4201	0.1910
n-Propanol	0.79893	2.153	2.153	178.6842	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77888	1.412	1.410	193.0056	0.1929
n-Propanol	0.84189	2.537	2.536	178.7495	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-2283) **Description:** **Sample Barcode** 24-2283 **Vial Number:** 55
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 2:37:27 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\055F5501.D



Name FID1A

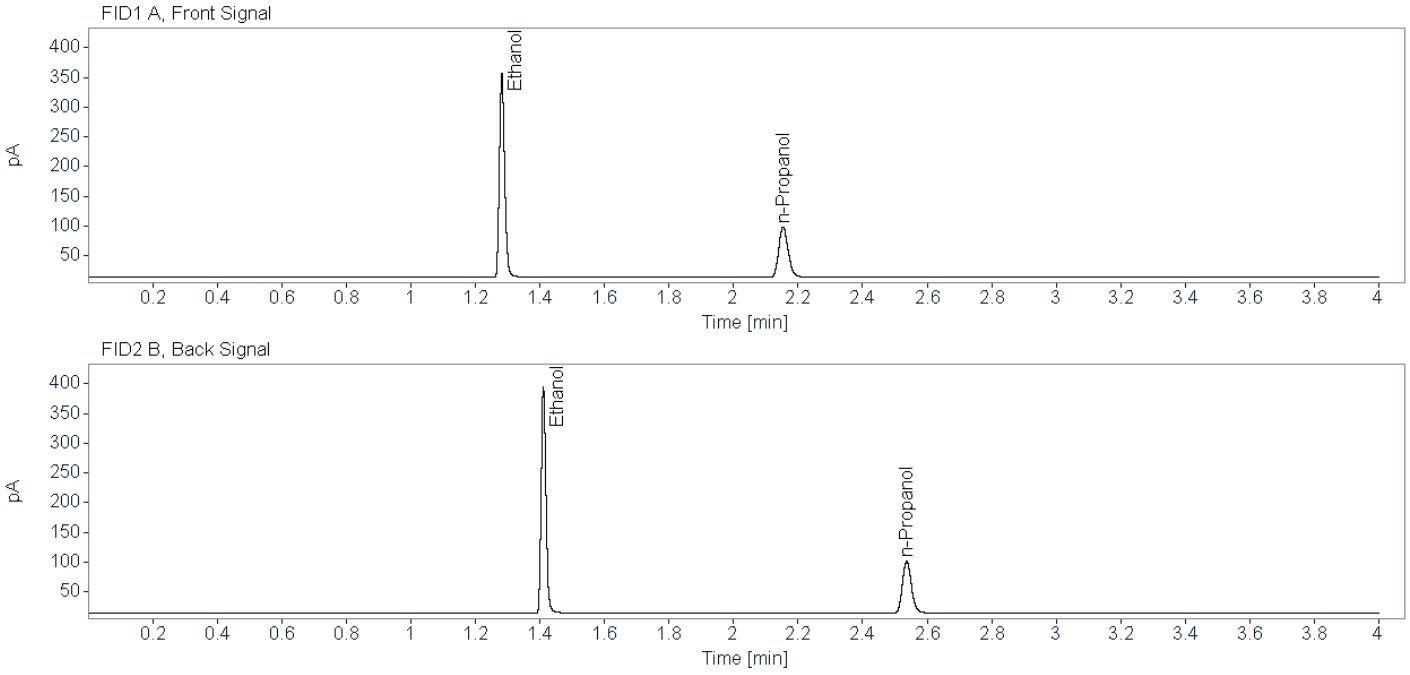
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75786	1.284	1.282	70.0709	0.0789
n-Propanol	0.79445	2.154	2.153	161.1657	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72412	1.413	1.410	70.6875	0.0789
n-Propanol	0.82365	2.537	2.536	161.2569	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-2284) **Description:** **Sample Barcode** 24-2284 **Vial Number:** 56
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 2:42:16 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\056F5601.D



Name FID1A

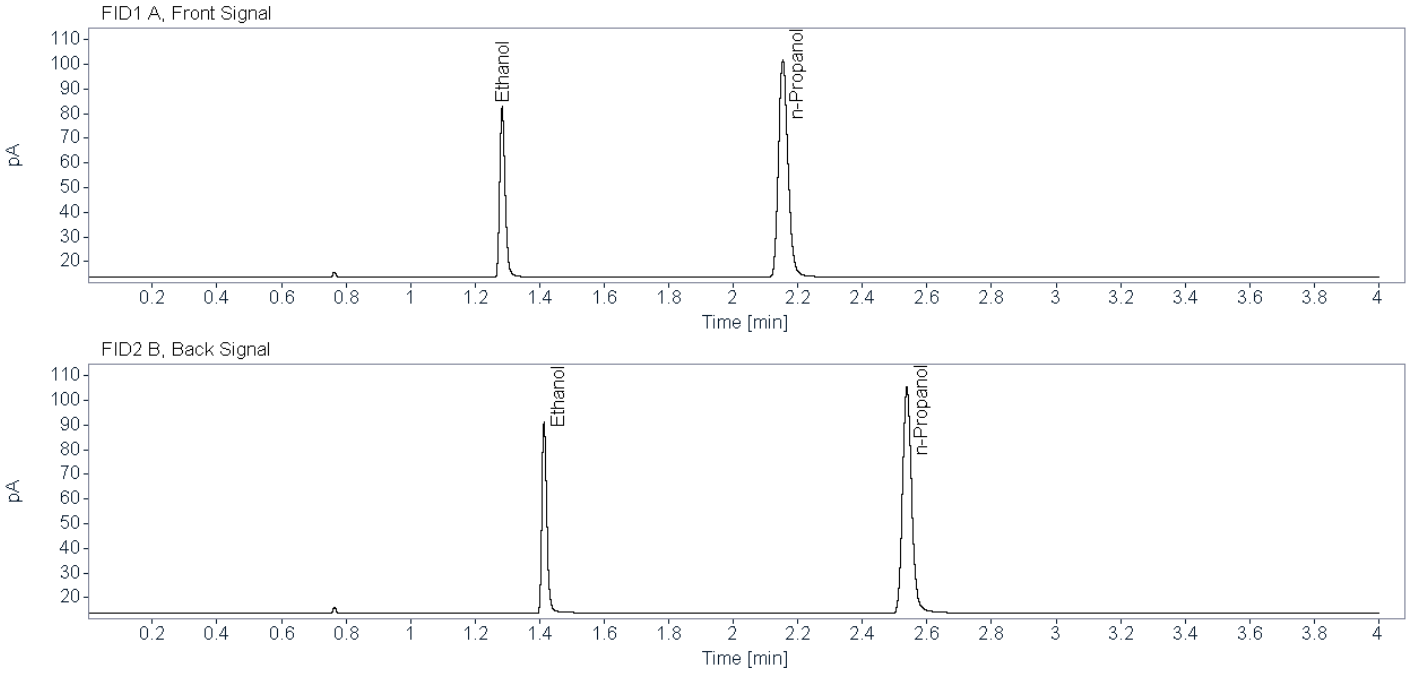
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80124	1.282	1.282	386.7528	0.4040
n-Propanol	0.79726	2.153	2.153	172.0491	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81847	1.411	1.410	393.1861	0.4070
n-Propanol	0.83665	2.536	2.536	172.0199	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-2285) **Description:** **Sample Barcode** 24-2285 **Vial Number:** 57
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 2:47:51 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\057F5701.D



Name FID1A

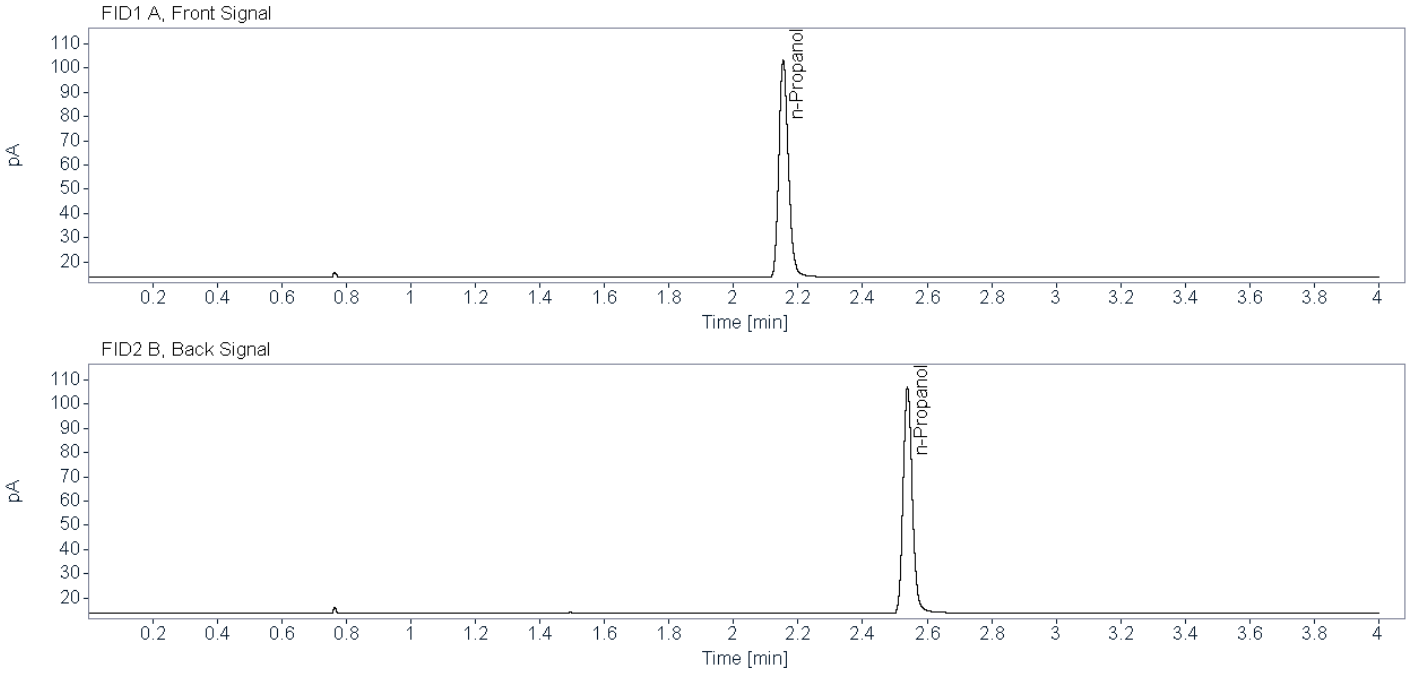
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75701	1.284	1.282	80.1684	0.0811
n-Propanol	0.79321	2.154	2.153	179.2931	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74360	1.414	1.410	81.2823	0.0814
n-Propanol	0.84568	2.538	2.536	179.6822	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (24-2286) **Description:** **Sample Barcode** 24-2286 **Vial Number:** 58
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 2:52:40 PM
Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80387	2.154	2.153	181.8441	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.84232	2.539	2.536	183.1513	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1413 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2335	Aliquot 1:	0.2326
	Aliquot 2:	0.2321	Aliquot 2:	0.2331

Reported Result: 0.232 g/100 mL

Reported UM: 0.033 g/100 mL

Comments:

Previously analyzed in BAC_20241009_KB 10/24/2024

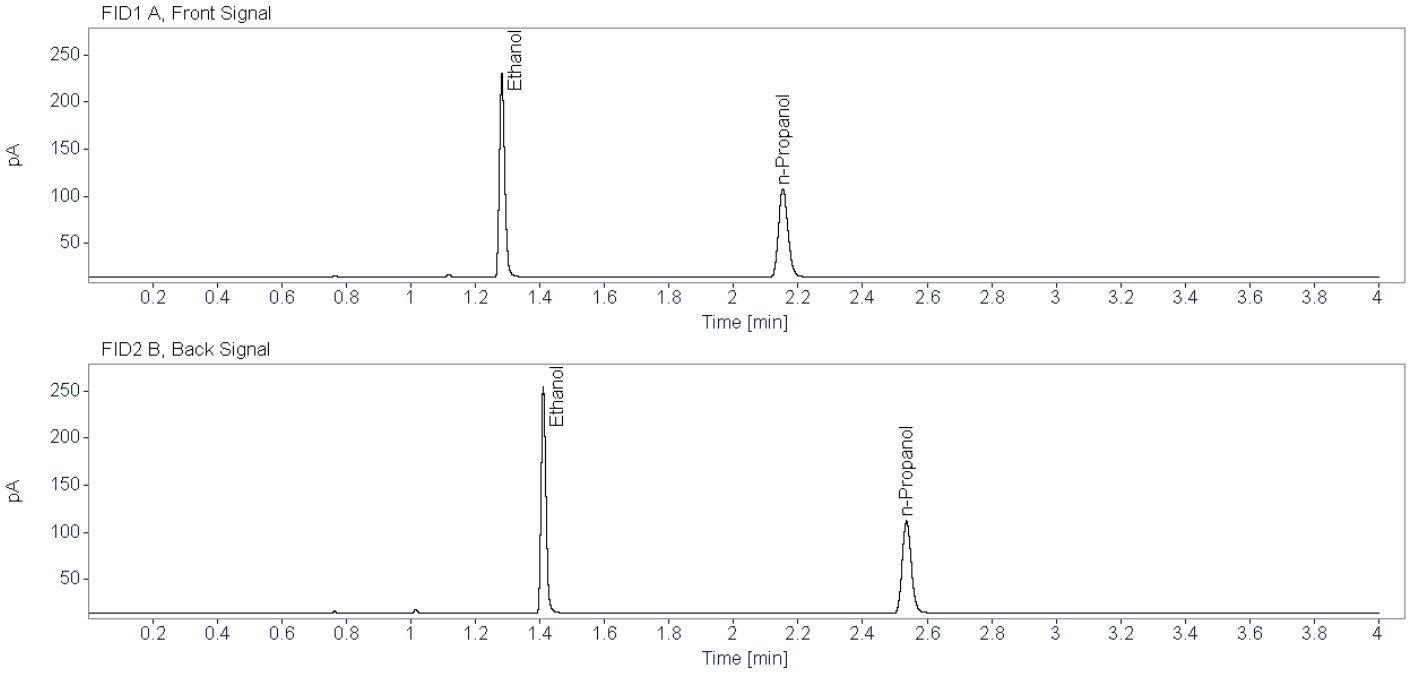
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1413 001_001 (24-2240) **Description:** Alq 1 **Sample Barcode** 24-2240 **Vial Number:** 12

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 10:52:36 AM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\012F1201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78965	1.282	1.282	246.7807	0.2335
n-Propanol	0.80692	2.153	2.153	190.2686	0.0100

Name FID2B

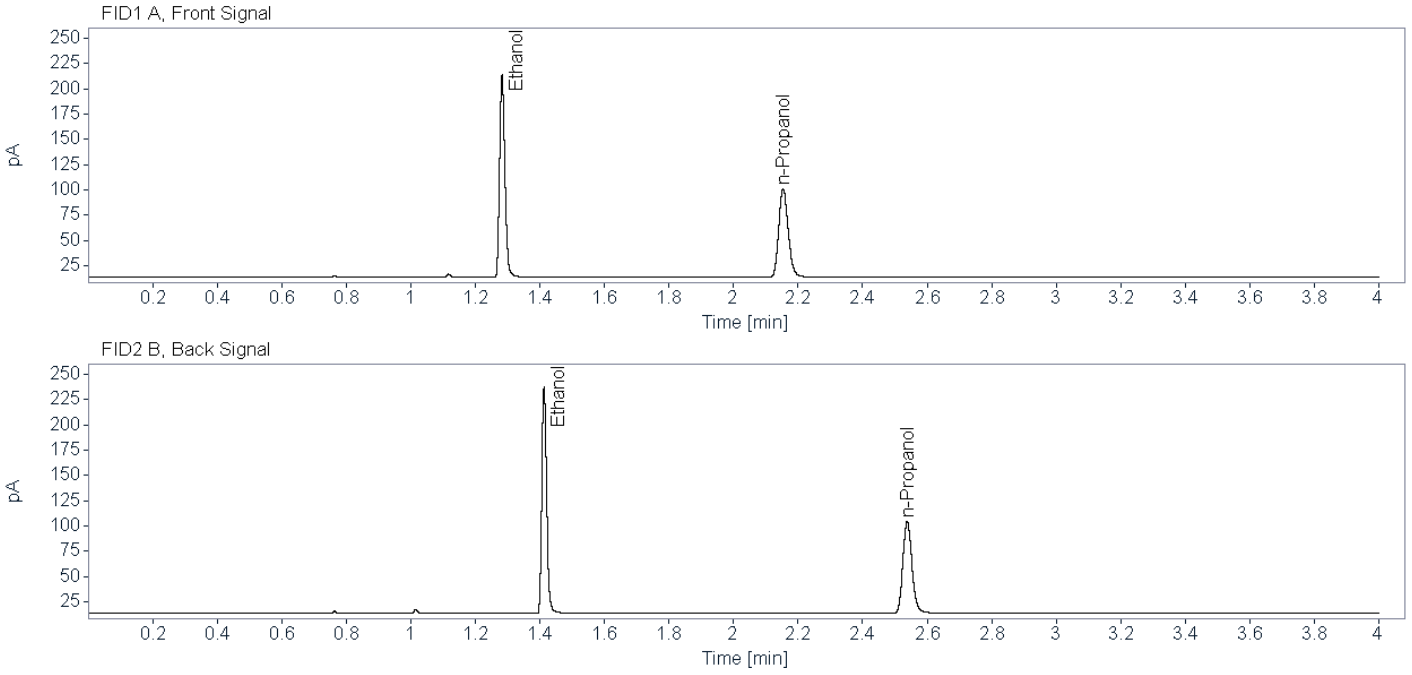
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82014	1.411	1.410	251.0470	0.2326
n-Propanol	0.85199	2.536	2.536	192.5600	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1413 001_001 (24-2282) **Description:** Alq 2 **Sample Barcode** 24-2282 **Vial Number:** 54

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 2:31:52 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78484	1.283	1.282	229.3375	0.2321
n-Propanol	0.81237	2.154	2.153	177.8742	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79998	1.413	1.410	233.3138	0.2331
n-Propanol	0.84659	2.538	2.536	178.5735	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1429 002_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0560	Aliquot 1:	0.0557
	Aliquot 2:	0.0550	Aliquot 2:	0.0551

Reported Result: 0.055 g/100 mL

Reported UM: 0.008 g/100 mL

Comments:

Previously analyzed in BAC_20241009_KB 10/24/2024

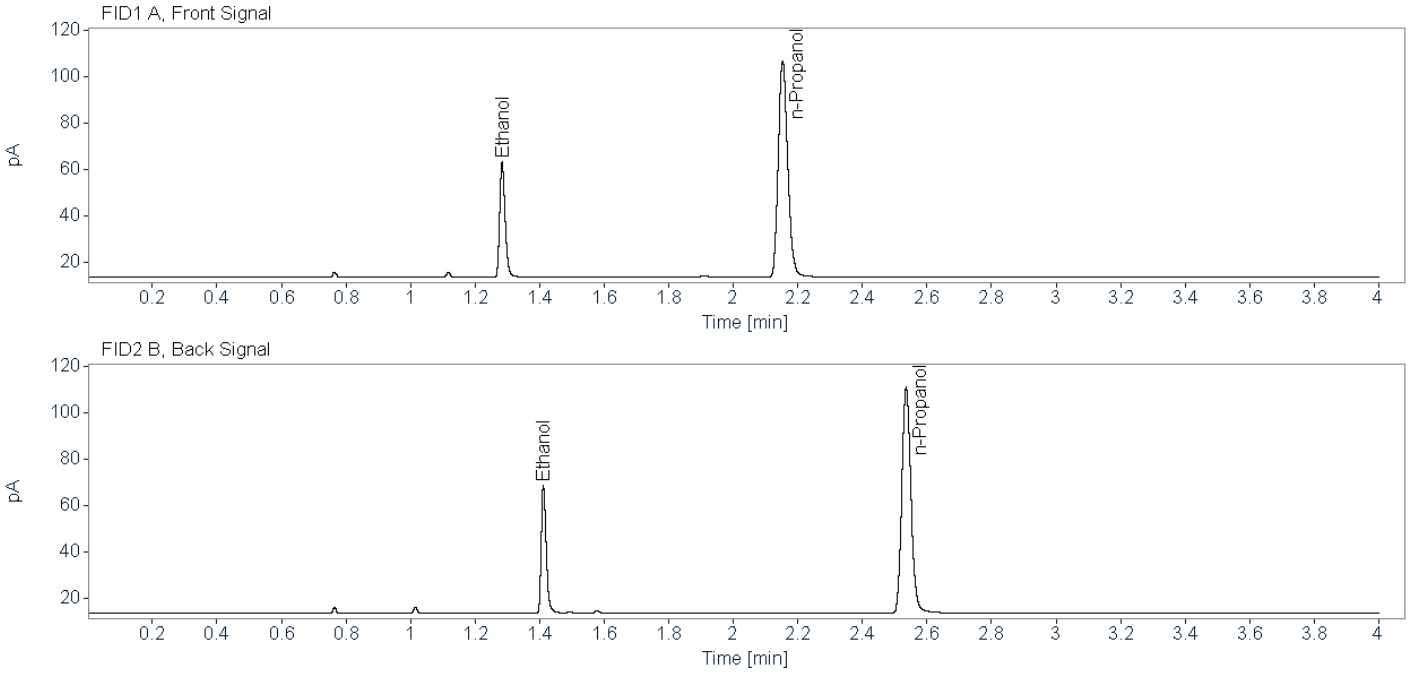
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1429 002_001 (24-2241) **Description:** Alq 1 **Sample Barcode** 24-2241 **Vial Number:** 13

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 10:58:17 AM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\013F1301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75131	1.284	1.282	58.0825	0.0560
n-Propanol	0.79945	2.153	2.153	189.0454	0.0100

Name FID2B

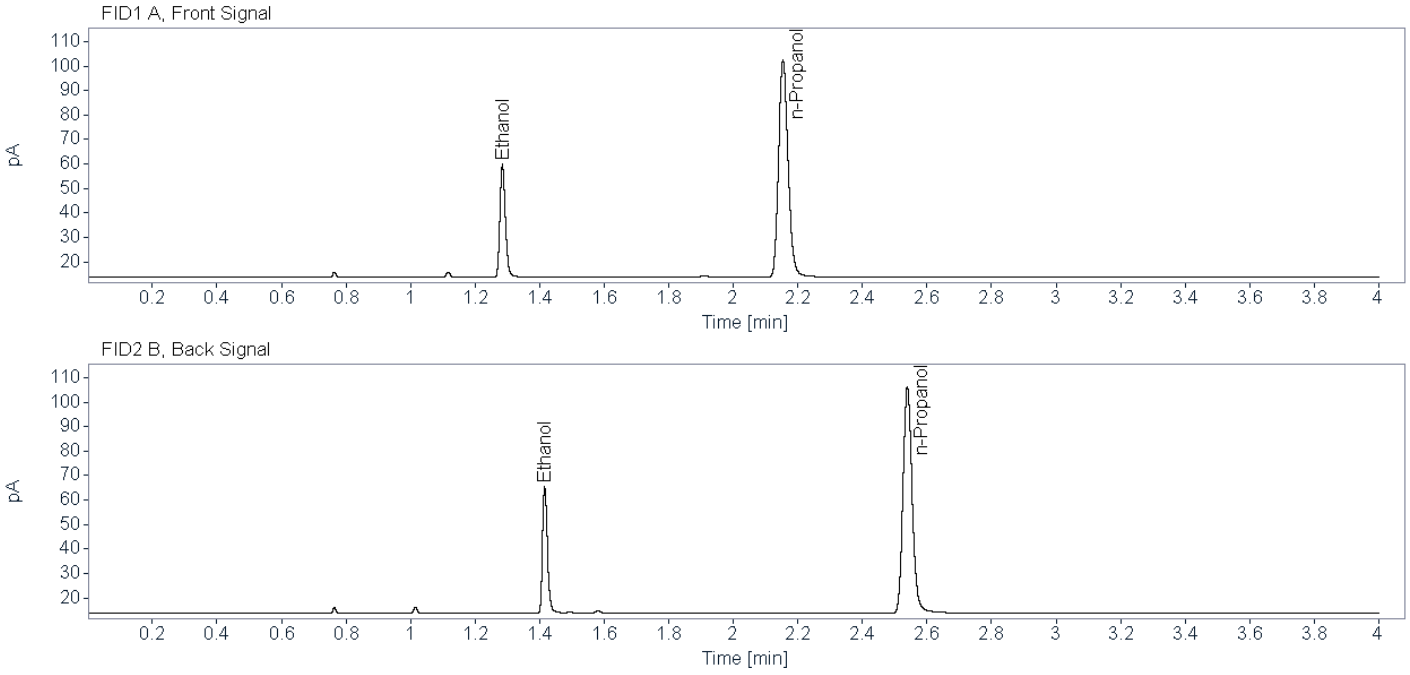
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73126	1.412	1.410	58.5997	0.0557
n-Propanol	0.86029	2.536	2.536	190.5198	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1429 002_001 (24-2281) **Description:** Alq 2 **Sample Barcode** 24-2281 **Vial Number:** 53

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 2:27:03 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77288	1.285	1.282	54.3920	0.0550
n-Propanol	0.81250	2.154	2.153	180.4513	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75813	1.416	1.410	55.1774	0.0551
n-Propanol	0.83977	2.539	2.536	181.3532	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1482 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1328	Aliquot 1:	0.1321
	Aliquot 2:	0.1332	Aliquot 2:	0.1339

Reported Result: 0.133 g/100 mL

Reported UM: 0.019 g/100 mL

Comments:

Previously analyzed in BAC_20241009_KB 10/24/2024

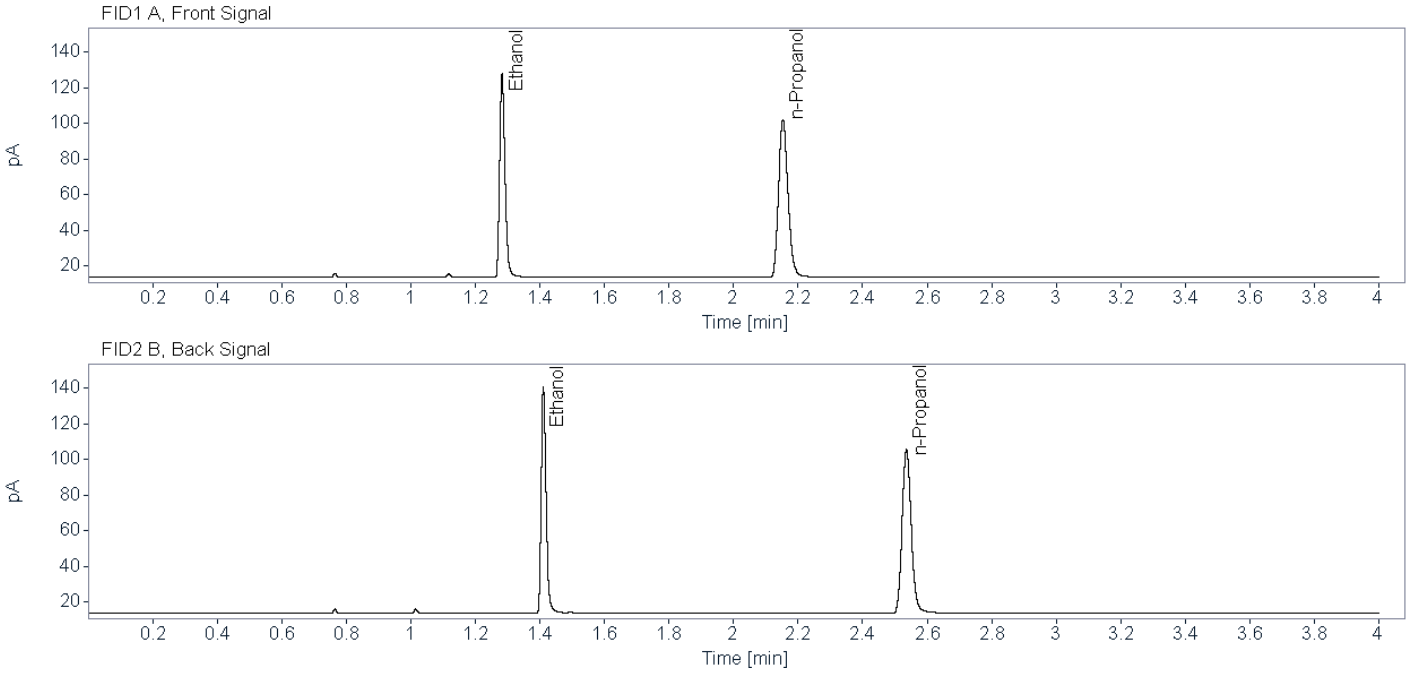
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1482 001_001 (24-2242) **Description:** Alq 1 **Sample Barcode** 24-2242 **Vial Number:** 14

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 11:03:01 AM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75874	1.283	1.282	131.7542	0.1328
n-Propanol	0.80040	2.153	2.153	179.1807	0.0100

Name FID2B

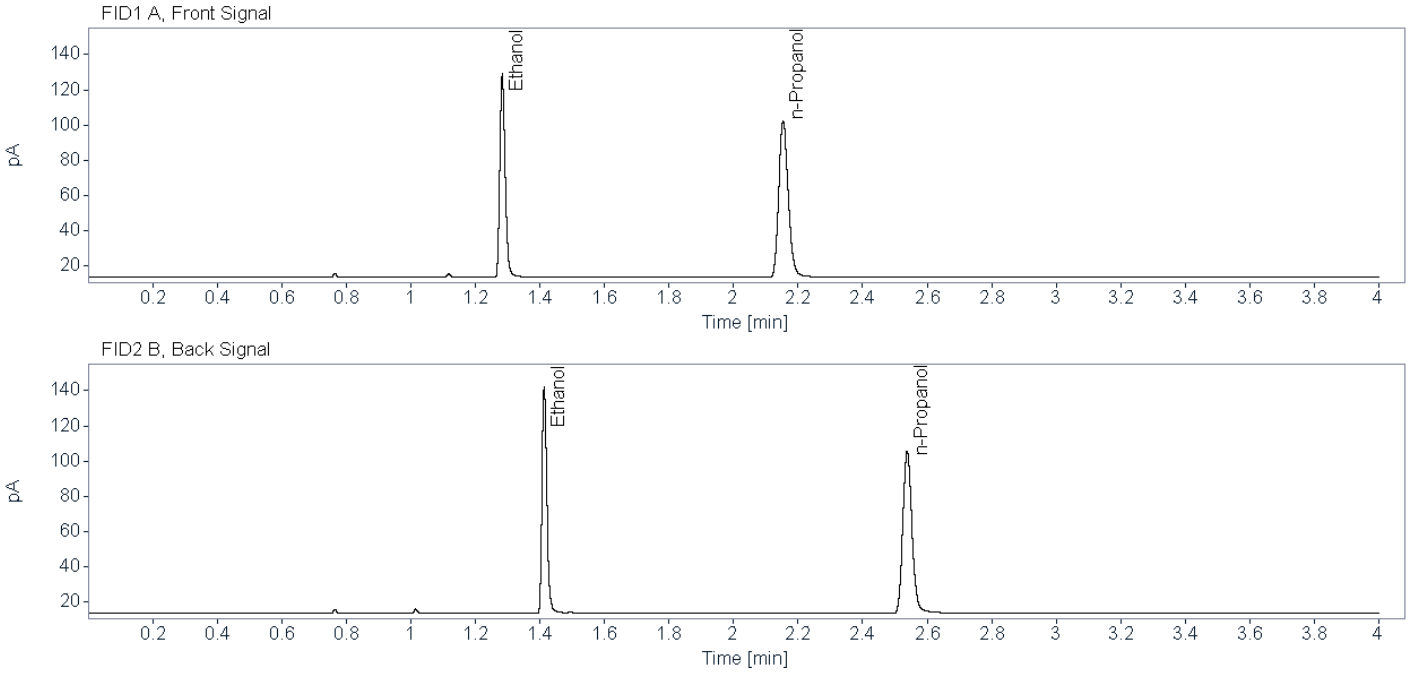
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75800	1.411	1.410	133.3421	0.1321
n-Propanol	0.84286	2.536	2.536	180.8043	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1482 001_001 (24-2280) **Description:** Alq 2 **Sample Barcode** 24-2280 **Vial Number:** 52

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 2:21:28 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75726	1.283	1.282	132.7113	0.1332
n-Propanol	0.80110	2.154	2.153	179.8915	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77199	1.413	1.410	134.8054	0.1339
n-Propanol	0.84493	2.538	2.536	180.2969	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1483 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0773	Aliquot 1:	0.0769
	Aliquot 2:	0.0736	Aliquot 2:	0.0737

Reported Result: 0.075 g/100 mL

Reported UM: 0.011 g/100 mL

Comments:

Previously analyzed in BAC_20241009_KB 10/24/2024

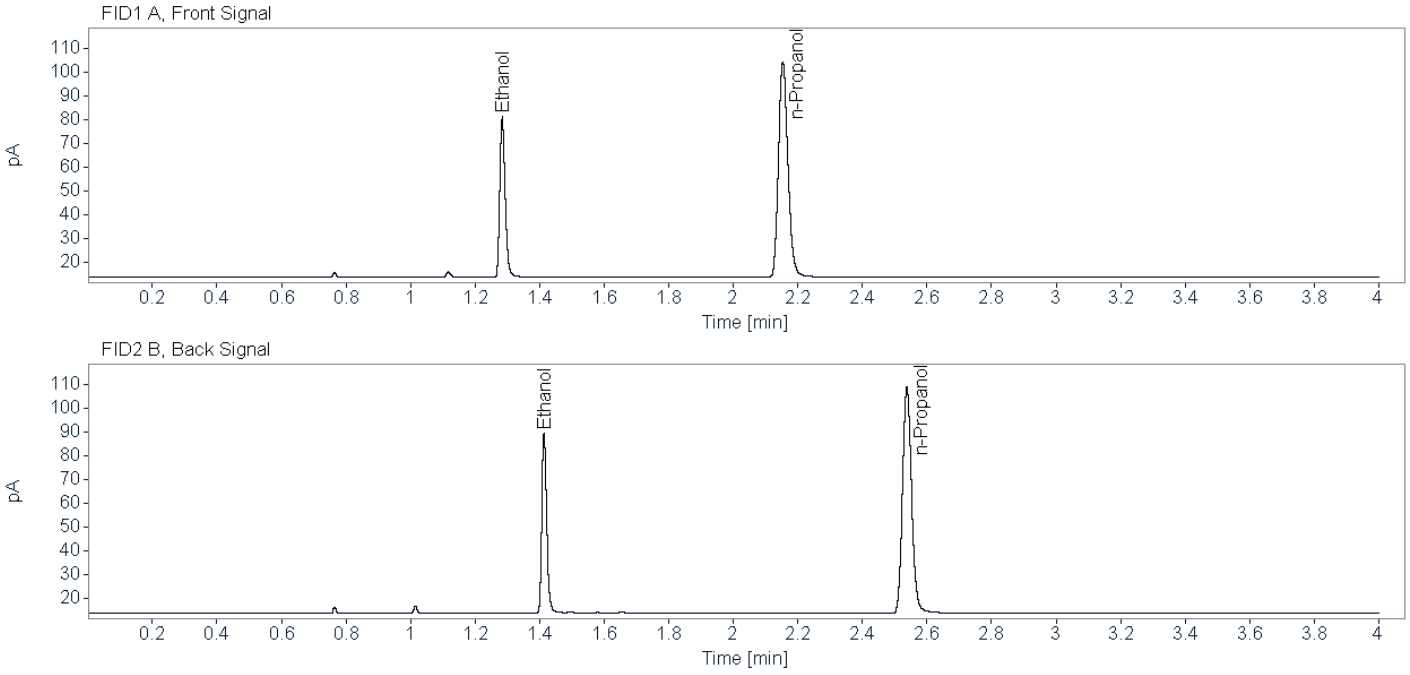
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1483 001_001 (24-2243) **Description:** Alq 1 **Sample Barcode** 24-2243 **Vial Number:** 15

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 11:08:43 AM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\015F1501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75922	1.284	1.282	77.9887	0.0773
n-Propanol	0.80342	2.154	2.153	183.1686	0.0100

Name FID2B

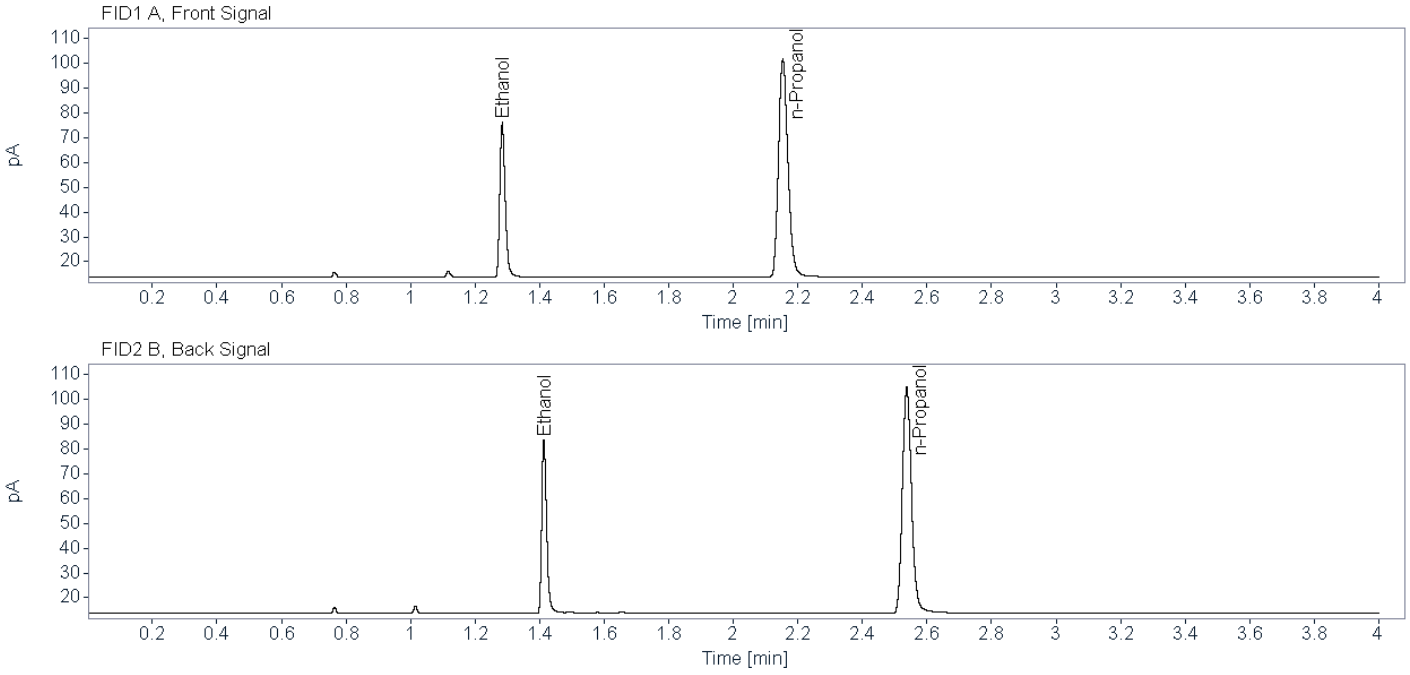
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76341	1.414	1.410	79.3362	0.0769
n-Propanol	0.86034	2.538	2.536	185.8953	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1483 001_001 (24-2279) **Description:** Alq 2 **Sample Barcode** 24-2279 **Vial Number:** 51

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 2:16:38 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75011	1.284	1.282	72.3555	0.0736
n-Propanol	0.79506	2.154	2.153	178.6246	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73274	1.413	1.410	73.3158	0.0737
n-Propanol	0.84184	2.537	2.536	179.4510	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1507 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1395	Aliquot 1:	0.1391
	Aliquot 2:	0.1388	Aliquot 2:	0.1394

Reported Result: 0.139 g/100 mL

Reported UM: 0.020 g/100 mL

Comments:

Previously analyzed in BAC_20241009_KB 10/24/2024

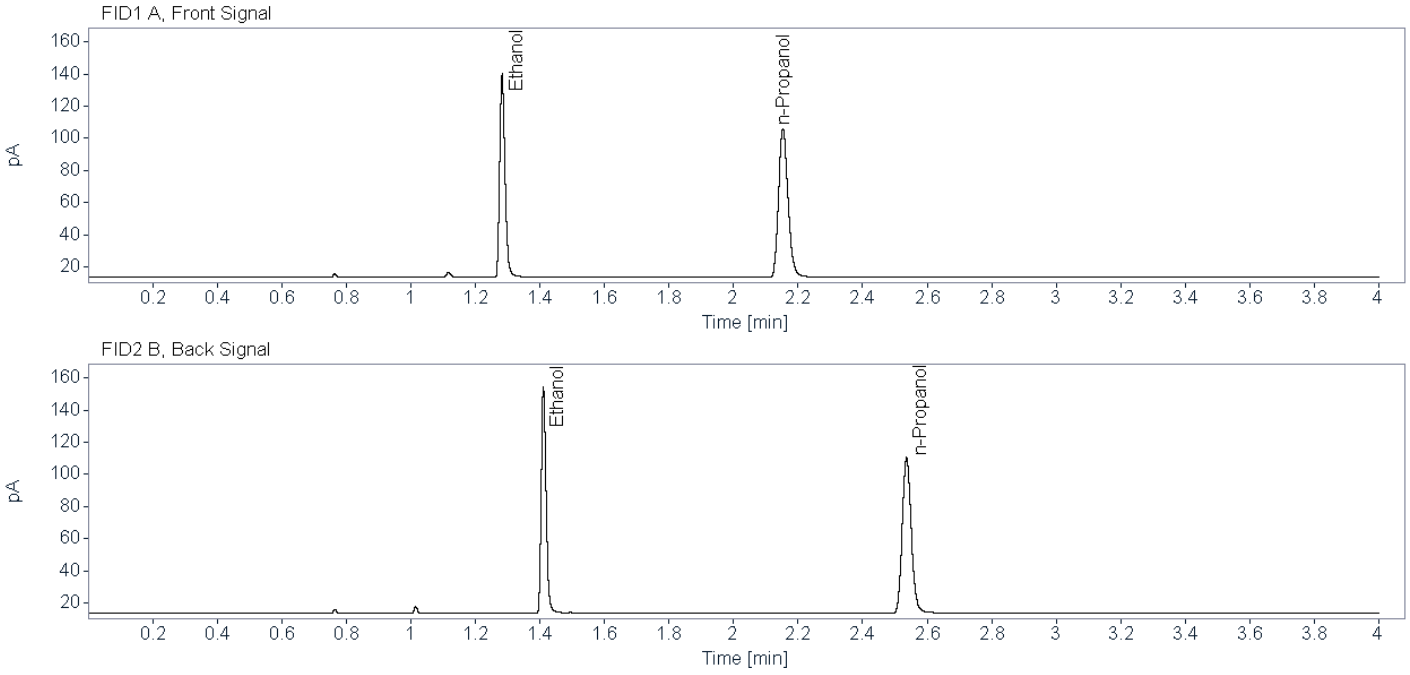
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1507 001_001 (24-2244) **Description:** Alq 1 **Sample Barcode** 24-2244 **Vial Number:** 16

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 11:13:25 AM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75555	1.283	1.282	144.6196	0.1395
n-Propanol	0.80240	2.153	2.153	187.1364	0.0100

Name FID2B

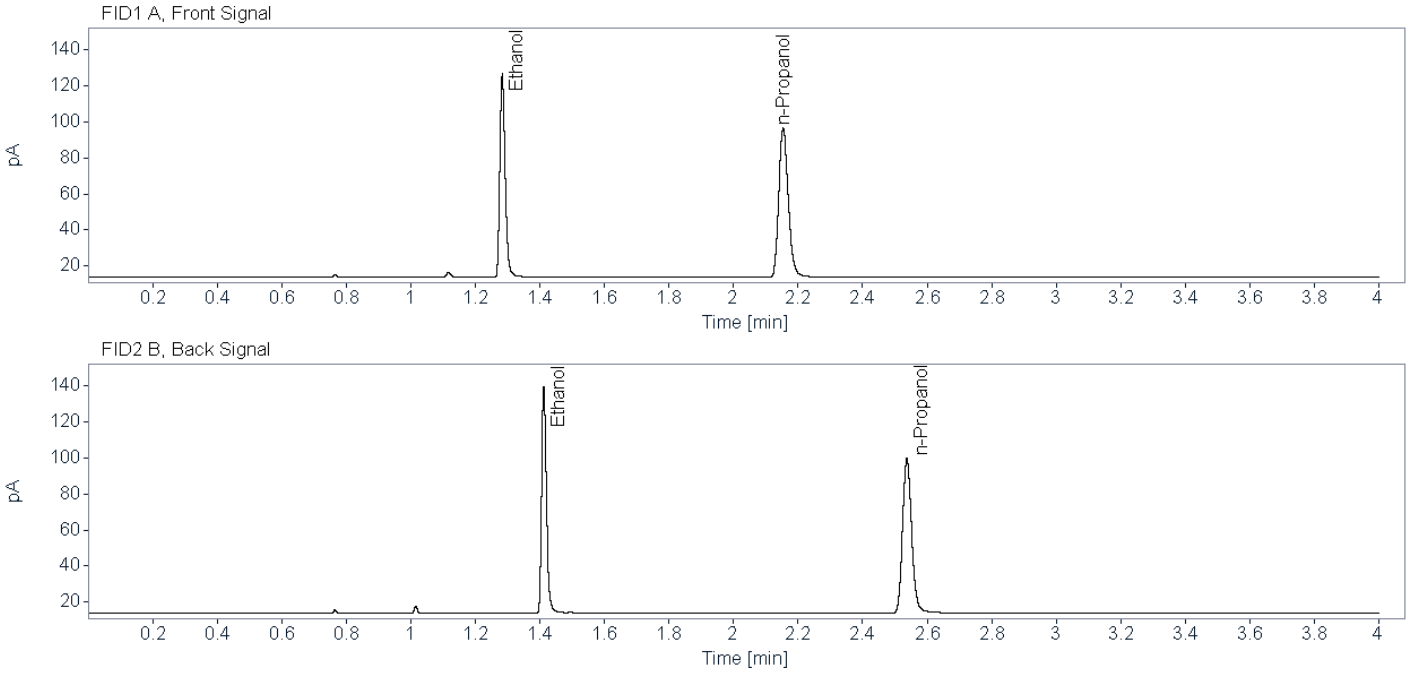
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77951	1.411	1.410	147.0774	0.1391
n-Propanol	0.84979	2.536	2.536	189.2704	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1507 001_001 (24-2278) **Description:** Alq 2 **Sample Barcode** 24-2278 **Vial Number:** 50

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 2:11:04 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76166	1.283	1.282	129.1732	0.1388
n-Propanol	0.79816	2.154	2.153	167.9890	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75322	1.412	1.410	131.0180	0.1394
n-Propanol	0.83932	2.537	2.536	168.2655	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1525 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1353	Aliquot 1:	0.1349
	Aliquot 2:	0.1317	Aliquot 2:	0.1319

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

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

Comments:

Previously analyzed in BAC_20241009_KB 10/24/2024

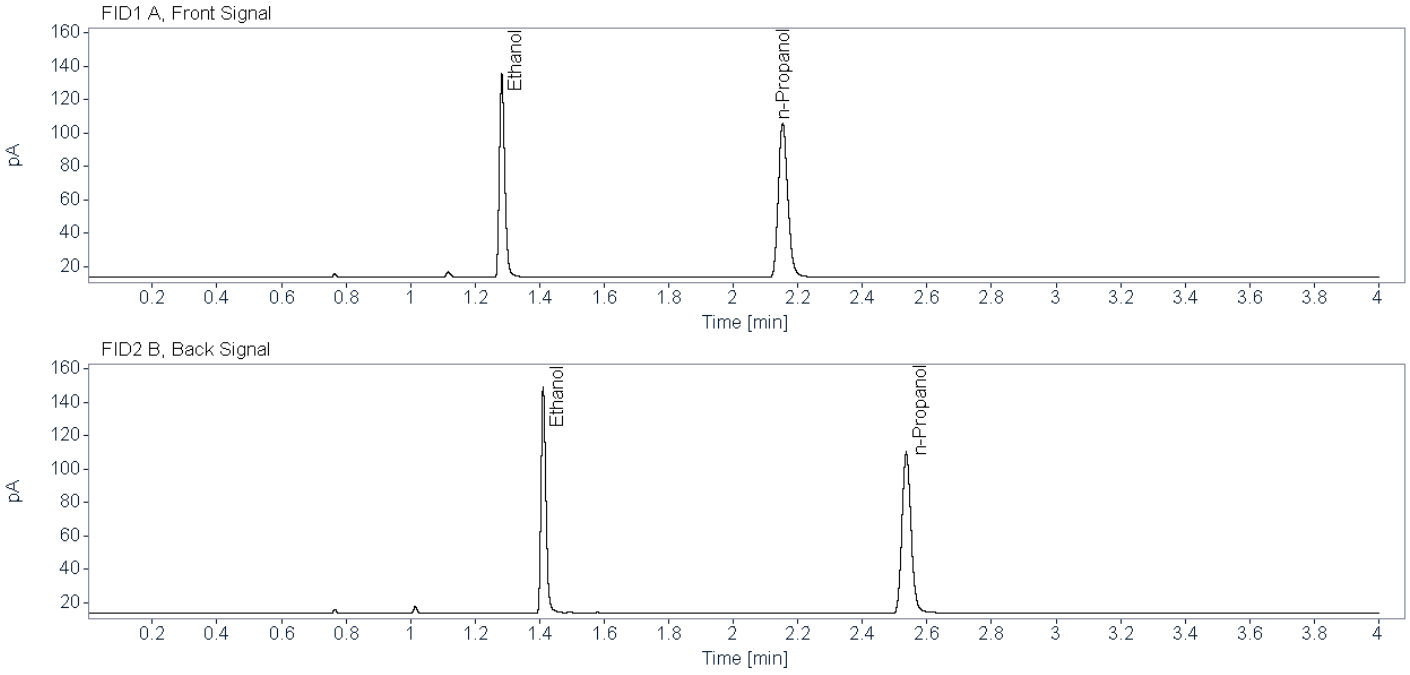
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1525 001_001 (24-2245) **Description:** Alq 1 **Sample Barcode** 24-2245 **Vial Number:** 17

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 11:19:07 AM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\017F1701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76237	1.283	1.282	139.8599	0.1353
n-Propanol	0.80077	2.153	2.153	186.6456	0.0100

Name FID2B

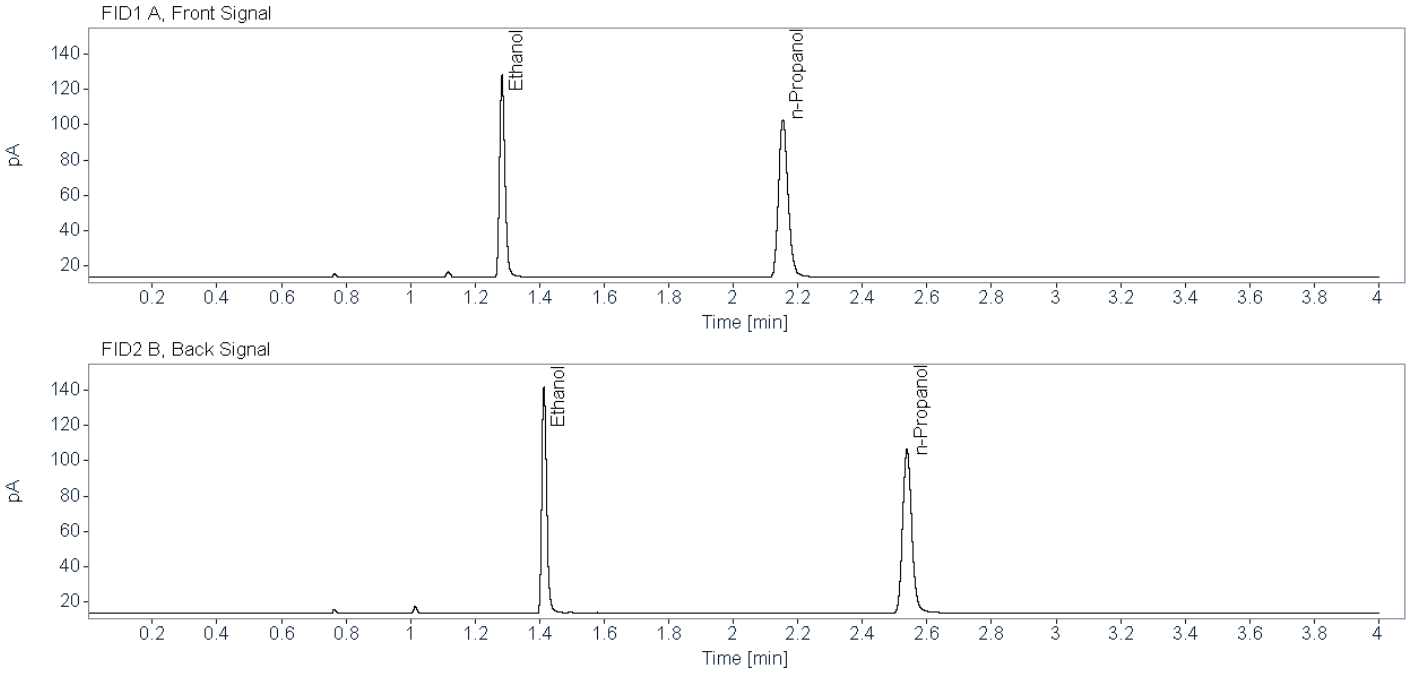
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77764	1.411	1.410	141.9774	0.1349
n-Propanol	0.84428	2.536	2.536	188.3825	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1525 001_001 (24-2277) **Description:** Alq 2 **Sample Barcode** 24-2277 **Vial Number:** 49

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 2:06:15 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76231	1.284	1.282	132.2018	0.1317
n-Propanol	0.79824	2.154	2.153	181.3071	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76283	1.413	1.410	134.0539	0.1319
n-Propanol	0.84602	2.538	2.536	182.0329	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1526 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1702	Aliquot 1:	0.1701
	Aliquot 2:	0.1748	Aliquot 2:	0.1749

Reported Result: 0.172 g/100 mL

Reported UM: 0.025 g/100 mL

Comments:

Previously analyzed in BAC_20241009_KB 10/24/2024

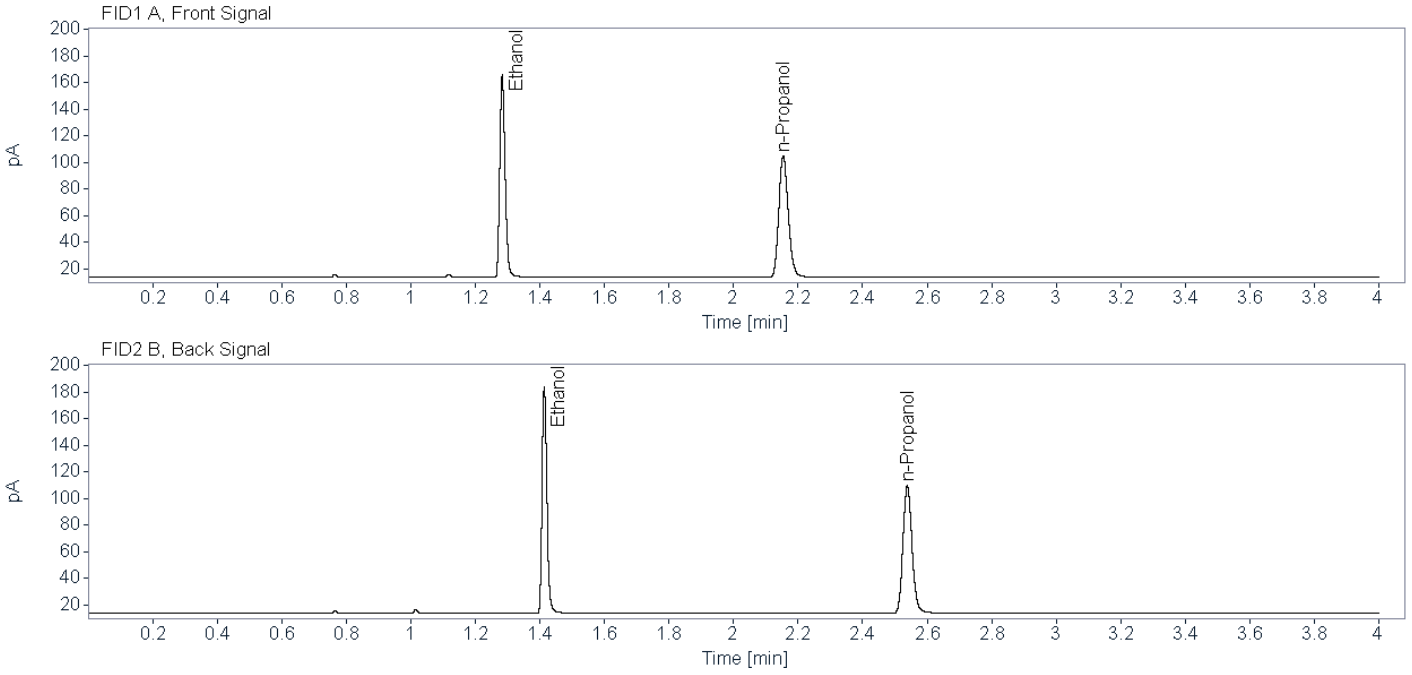
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1526 001_001 (24-2246) **Description:** Alq 1 **Sample Barcode** 24-2246 **Vial Number:** 18

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 11:23:49 AM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78802	1.283	1.282	174.6153	0.1702
n-Propanol	0.81101	2.154	2.153	184.9790	0.0100

Name FID2B

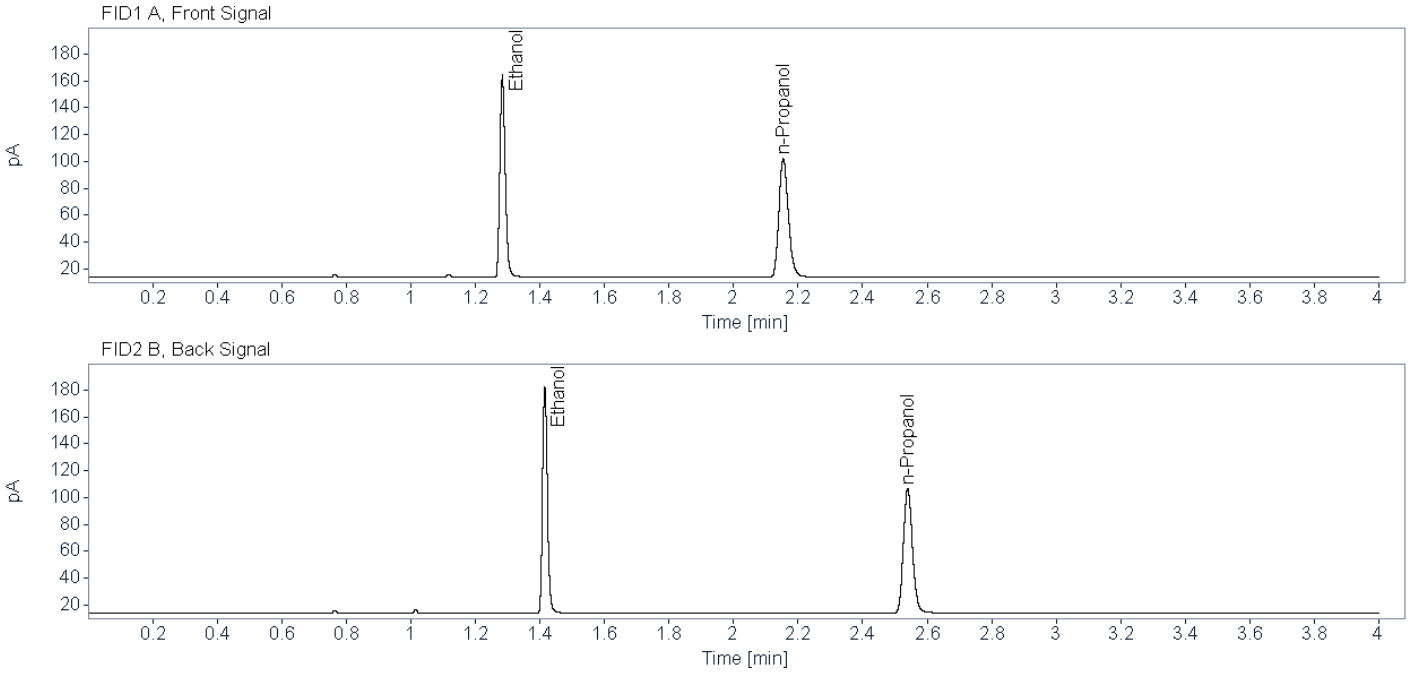
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80163	1.414	1.410	177.5045	0.1701
n-Propanol	0.85761	2.538	2.536	186.4754	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1526 001_001 (24-2276) **Description:** Alq 2 **Sample Barcode** 24-2276 **Vial Number:** 48

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 2:00:41 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78474	1.284	1.282	174.1055	0.1748
n-Propanol	0.80792	2.154	2.153	179.5674	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81363	1.415	1.410	177.6943	0.1749
n-Propanol	0.85060	2.540	2.536	181.6184	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1739 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1534	Aliquot 1:	0.1529
	Aliquot 2:	0.1522	Aliquot 2:	0.1515

Reported Result: 0.152 g/100 mL

Reported UM: 0.022 g/100 mL

Comments:

Previously analyzed in BAC_20241009_KB 10/24/2024

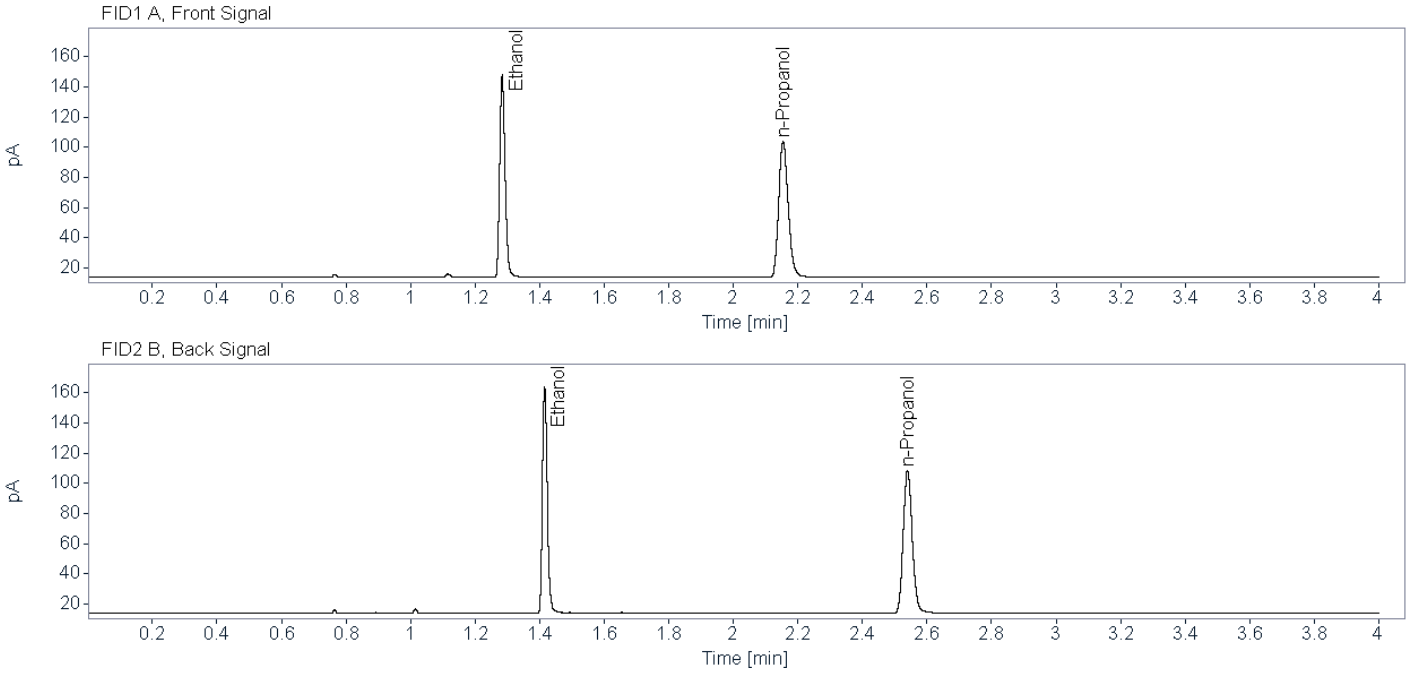
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1739 001_001 (24-2247) **Description:** Alq 1 **Sample Barcode** 24-2247 **Vial Number:** 19

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 11:29:29 AM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79319	1.284	1.282	155.6051	0.1534
n-Propanol	0.81222	2.154	2.153	183.0171	0.0100

Name FID2B

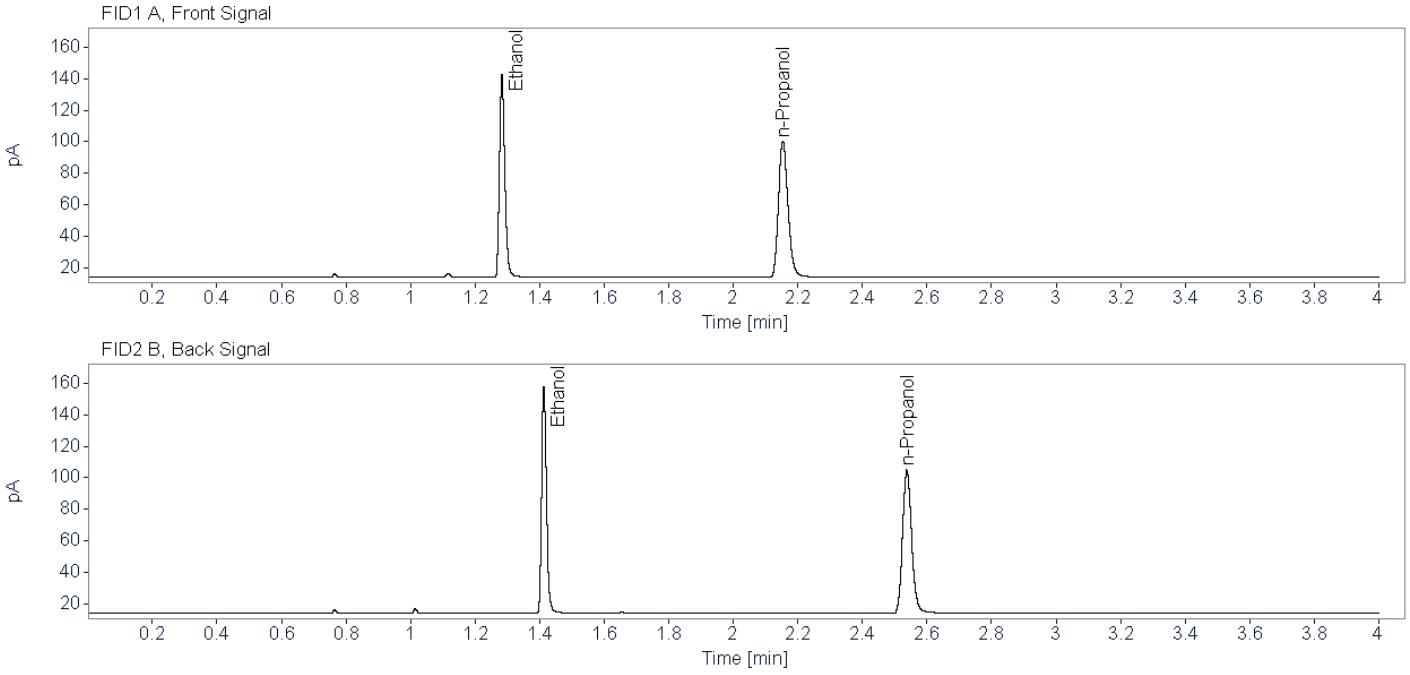
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79515	1.416	1.410	158.2981	0.1529
n-Propanol	0.84764	2.540	2.536	185.2292	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1739 001_001 (24-2275) **Description:** Alq 2 **Sample Barcode** 24-2275 **Vial Number:** 47

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 1:55:51 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77858	1.283	1.282	148.3756	0.1522
n-Propanol	0.79703	2.154	2.153	175.9277	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78365	1.413	1.410	150.6783	0.1515
n-Propanol	0.85016	2.538	2.536	177.8605	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1787 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1734	Aliquot 1:	0.1737
	Aliquot 2:	0.1786	Aliquot 2:	0.1796

KB 10/24/2024

Reported Result: 0.176 **g/100 mL**

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

Comments:

Previously analyzed in BAC_20241009_KB 10/24/2024

IS area count for aliquot 2 FID 2 is outside 10% of the calibrators average IS area counts, this sample will be repeated -KB 10/24/2024

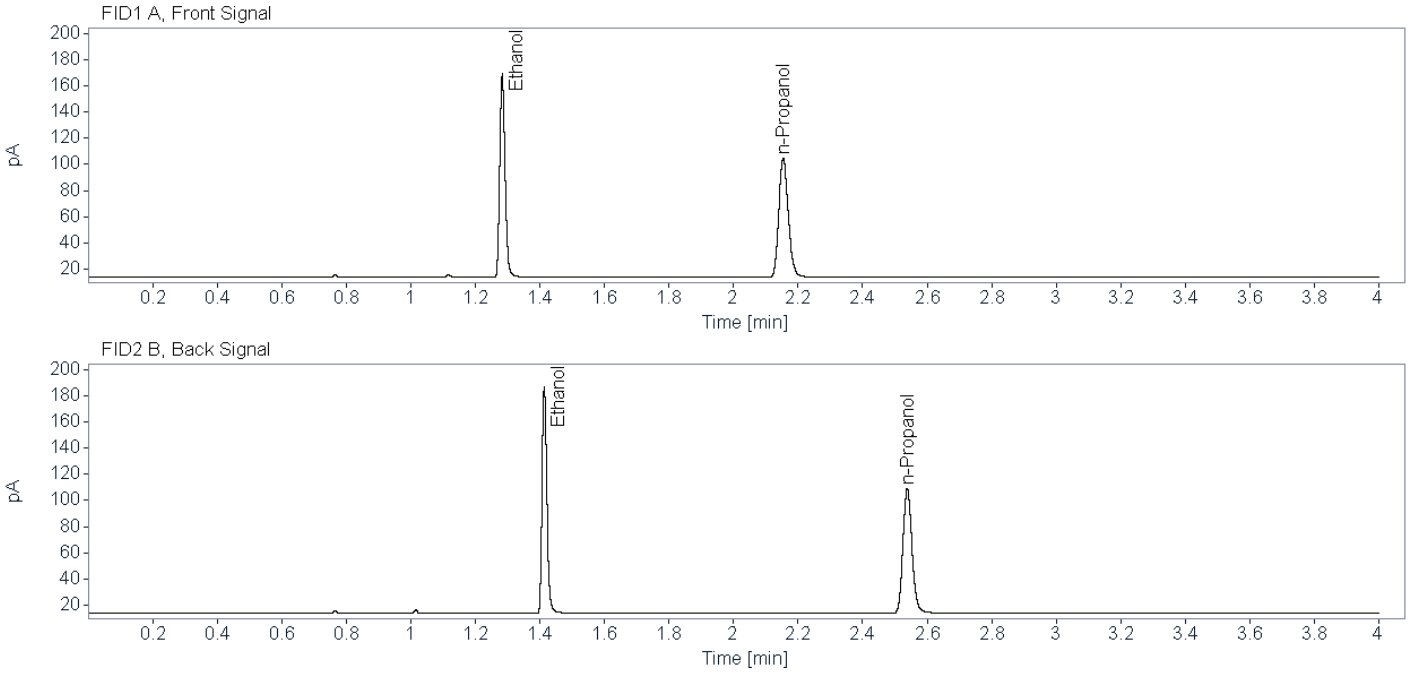
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1787 001_001 (24-2248) **Description:** Alq 1 **Sample Barcode** 24-2248 **Vial Number:** 20

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 11:34:13 AM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\020F2001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80055	1.283	1.282	177.8906	0.1734
n-Propanol	0.81188	2.154	2.153	184.9434	0.0100

Name FID2B

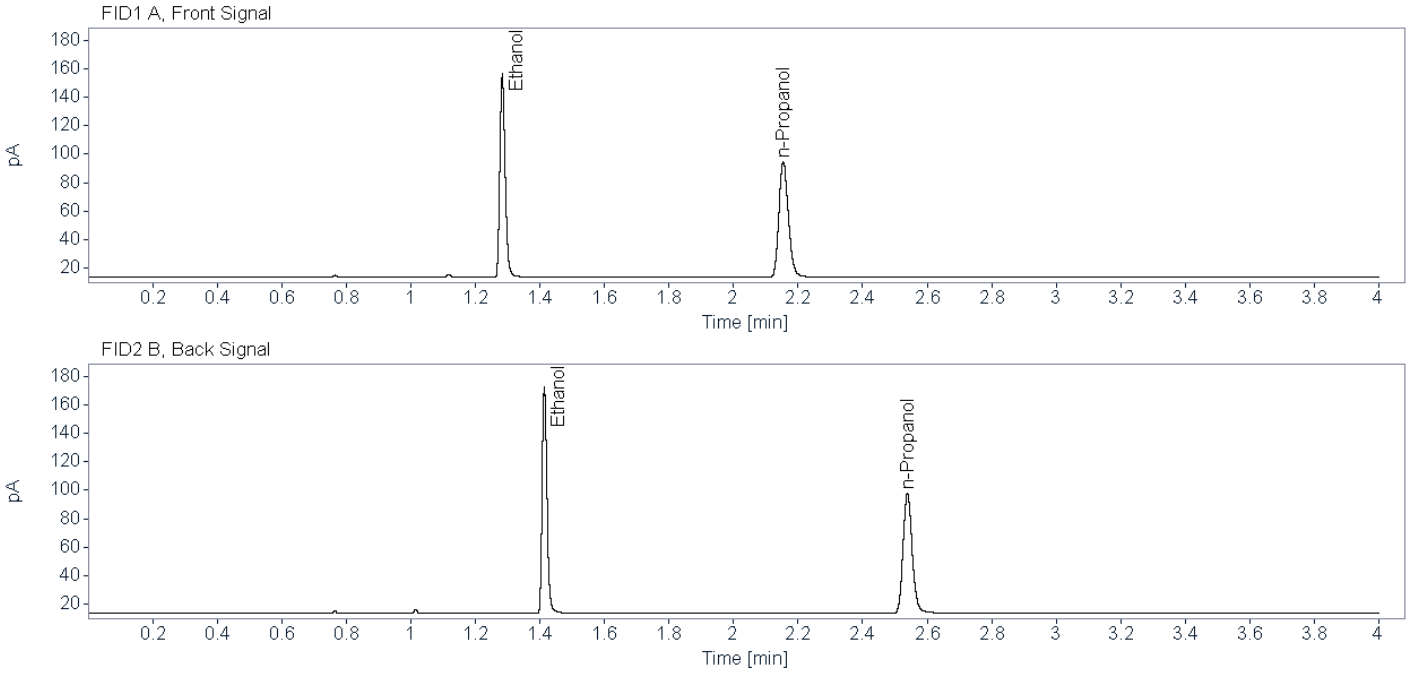
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80093	1.414	1.410	180.5771	0.1737
n-Propanol	0.85411	2.538	2.536	185.7926	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1787 001_001 (24-2274) **Description:** Alq 2 **Sample Barcode** 24-2274 **Vial Number:** 46

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 1:50:16 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77354	1.284	1.282	162.9275	0.1786
n-Propanol	0.80687	2.154	2.153	164.4389	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79799	1.414	1.410	165.6274	0.1796
n-Propanol	0.83393	2.539	2.536	164.7528	0.0100

IS area count for aliquot 2 FID 2 is outside 10% of the calibrators average IS area counts, this sample will be repeated -KB 10/24/2024

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1788 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0569	Aliquot 1:	0.0569
	Aliquot 2:	0.0546	Aliquot 2:	0.0546

Reported Result: 0.055 g/100 mL

Reported UM: 0.008 g/100 mL

Comments:

Previously analyzed in BAC_20241009_KB 10/24/2024

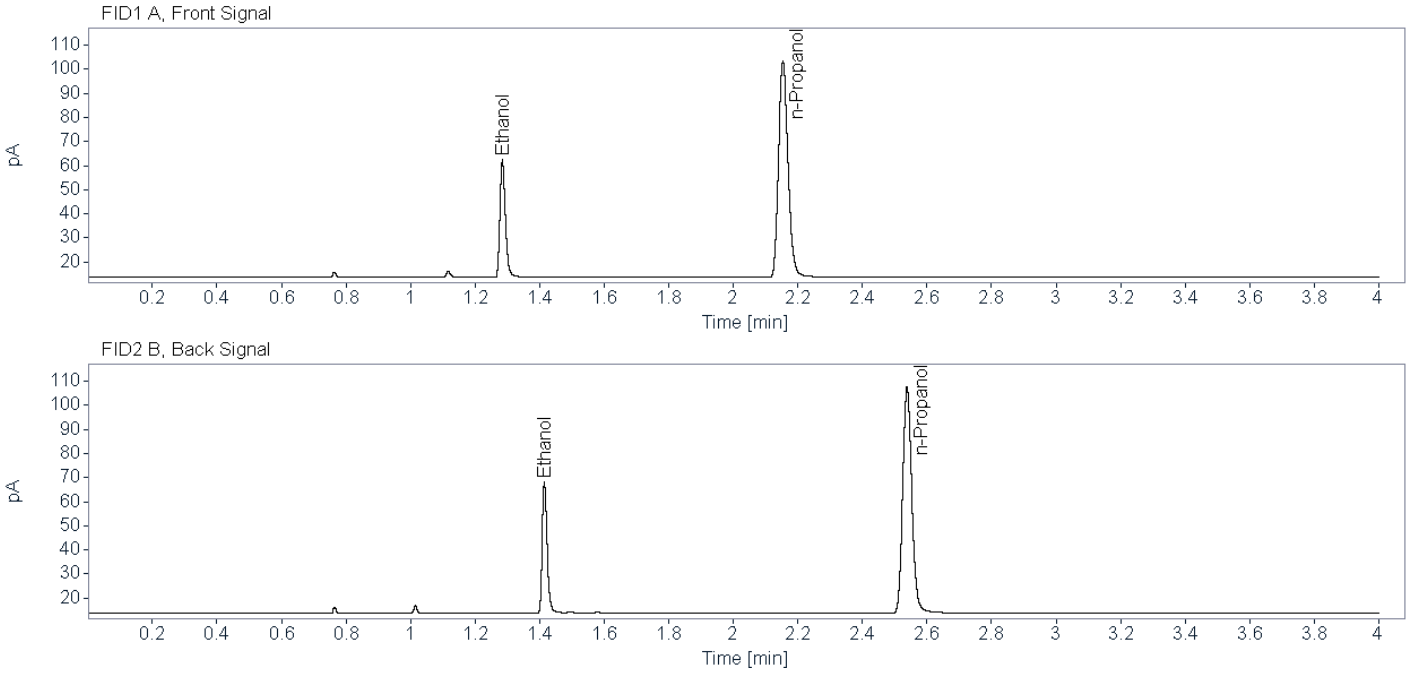
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1788 001_001 (24-2249) **Description:** Alq 1 **Sample Barcode** 24-2249 **Vial Number:** 21

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 11:39:54 AM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74746	1.285	1.282	56.7406	0.0569
n-Propanol	0.80177	2.154	2.153	181.6323	0.0100

Name FID2B

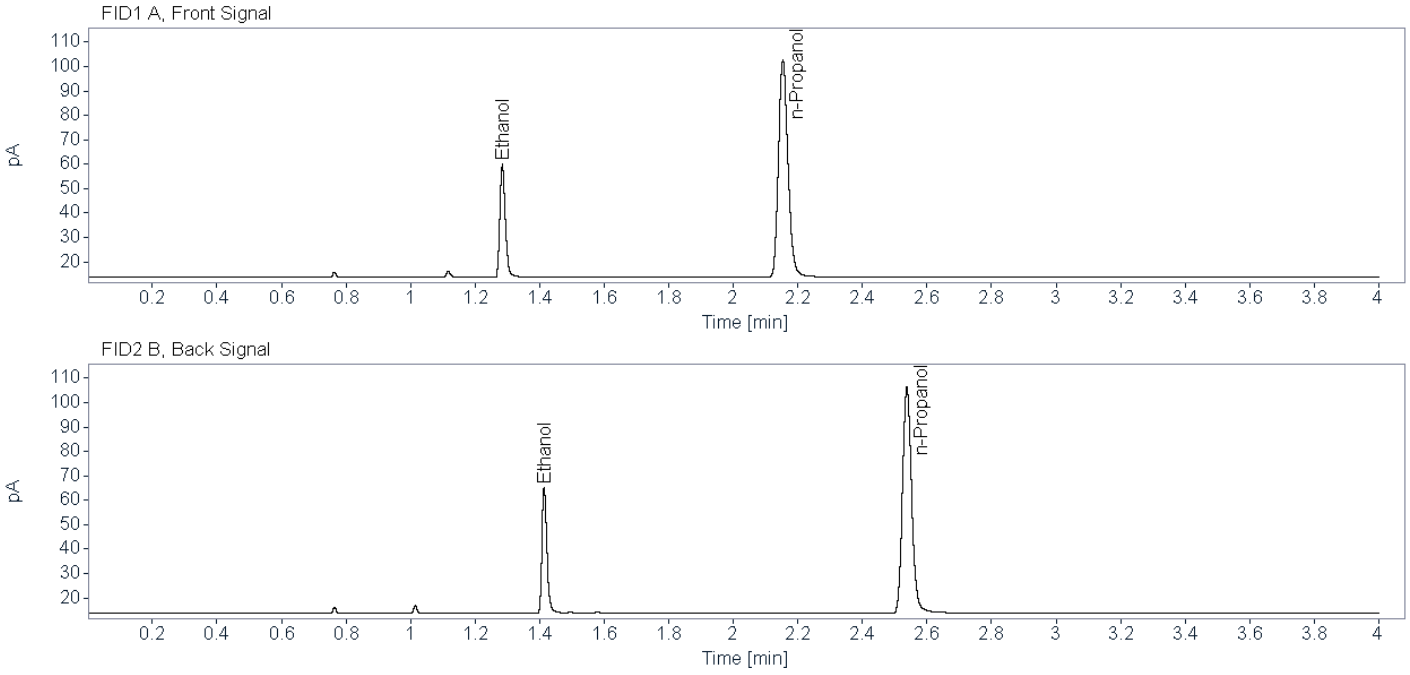
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75741	1.415	1.410	57.6123	0.0569
n-Propanol	0.86027	2.538	2.536	183.2010	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1788 001_001 (24-2273) **Description:** Alq 2 **Sample Barcode** 24-2273 **Vial Number:** 45

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 1:45:27 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74925	1.285	1.282	54.1091	0.0546
n-Propanol	0.80178	2.154	2.153	180.7489	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74033	1.414	1.410	54.7179	0.0546
n-Propanol	0.85298	2.538	2.536	181.6602	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1789 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0939	Aliquot 1:	0.0937
	Aliquot 2:	0.0980	Aliquot 2:	0.0974

Reported Result: 0.095 g/100 mL

Reported UM: 0.014 g/100 mL

Comments:

Previously analyzed in BAC_20241009_KB 10/24/2024

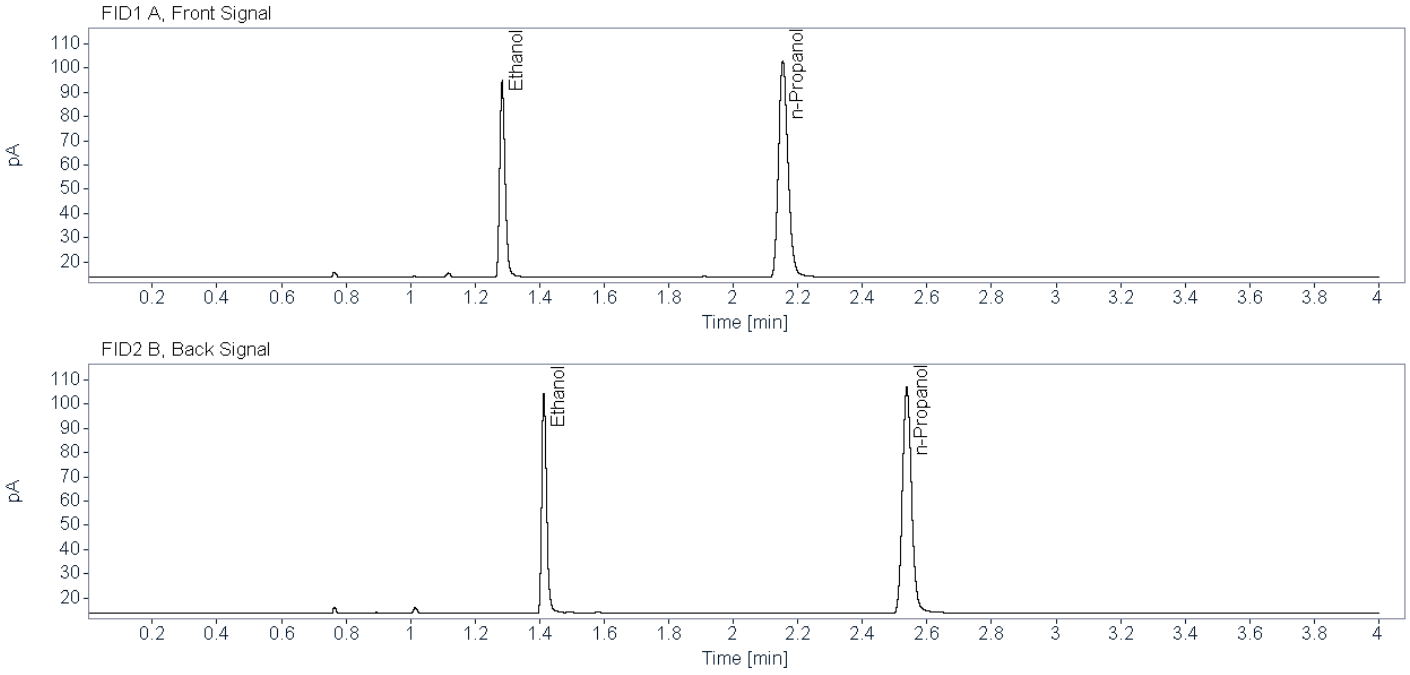
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1789 001_001 (24-2251) **Description:** Alq 1 **Sample Barcode** 24-2251 **Vial Number:** 23

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 11:50:18 AM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75392	1.284	1.282	93.7415	0.0939
n-Propanol	0.79871	2.154	2.153	180.7036	0.0100

Name FID2B

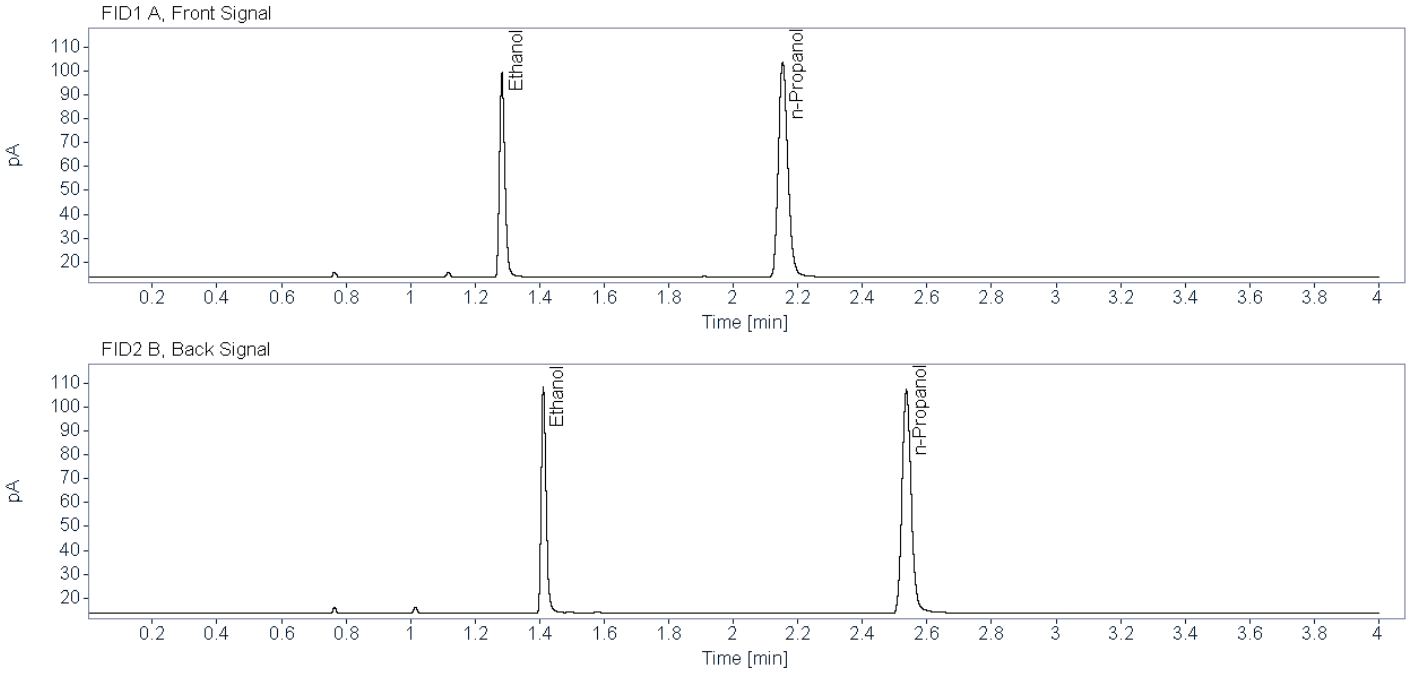
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74480	1.413	1.410	95.0265	0.0937
n-Propanol	0.85107	2.538	2.536	182.3169	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1789 001_001 (24-2271) **Description:** Alq 2 **Sample Barcode** 24-2271 **Vial Number:** 43

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 1:35:02 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76964	1.283	1.282	98.7890	0.0980
n-Propanol	0.79675	2.153	2.153	182.5478	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75412	1.412	1.410	99.5909	0.0974
n-Propanol	0.83360	2.536	2.536	183.6304	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1796 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2177	Aliquot 1:	0.2175
	Aliquot 2:	0.2050	Aliquot 2:	0.2061

Reported Result: 0.211 g/100 mL

Reported UM: 0.030 g/100 mL

Comments:

Previously analyzed in BAC_20241009_KB 10/24/2024

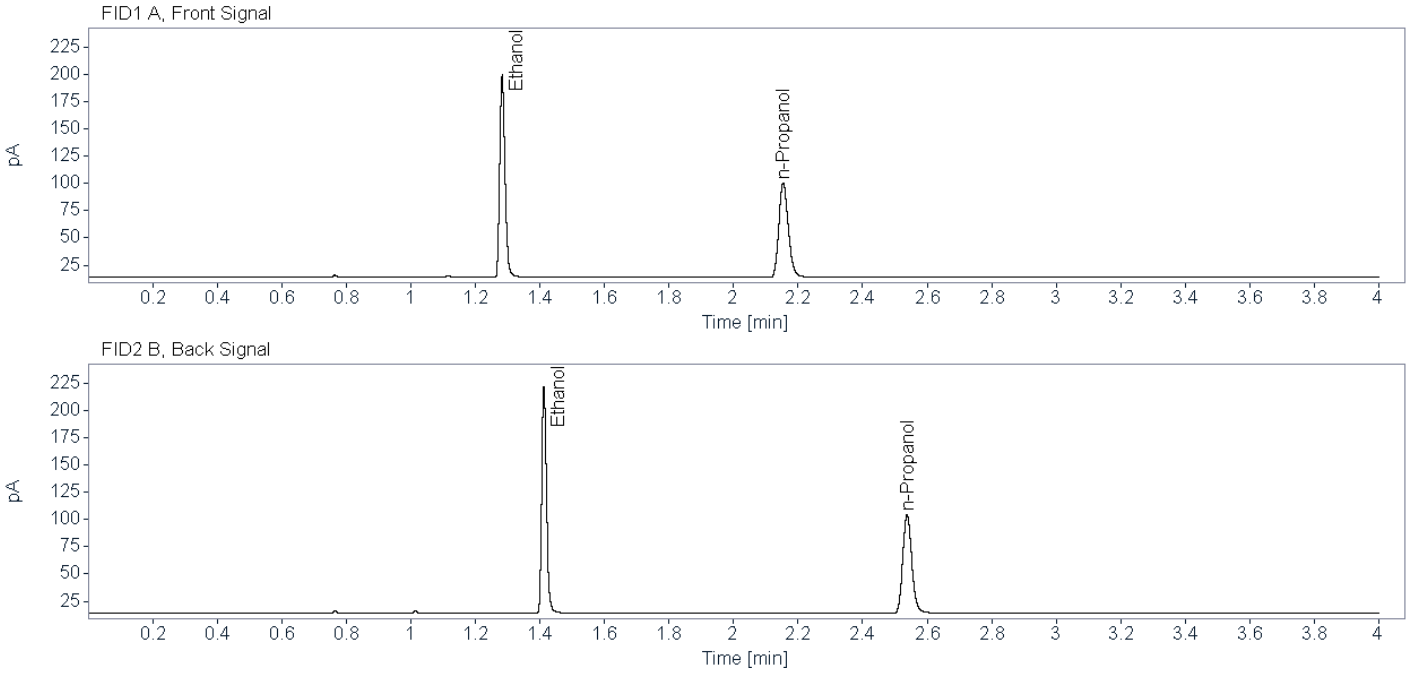
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1796 001_001 (24-2252) **Description:** Alq 1 **Sample Barcode** 24-2252 **Vial Number:** 24

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 11:55:01 AM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77787	1.283	1.282	212.5014	0.2177
n-Propanol	0.80514	2.154	2.153	175.8185	0.0100

Name FID2B

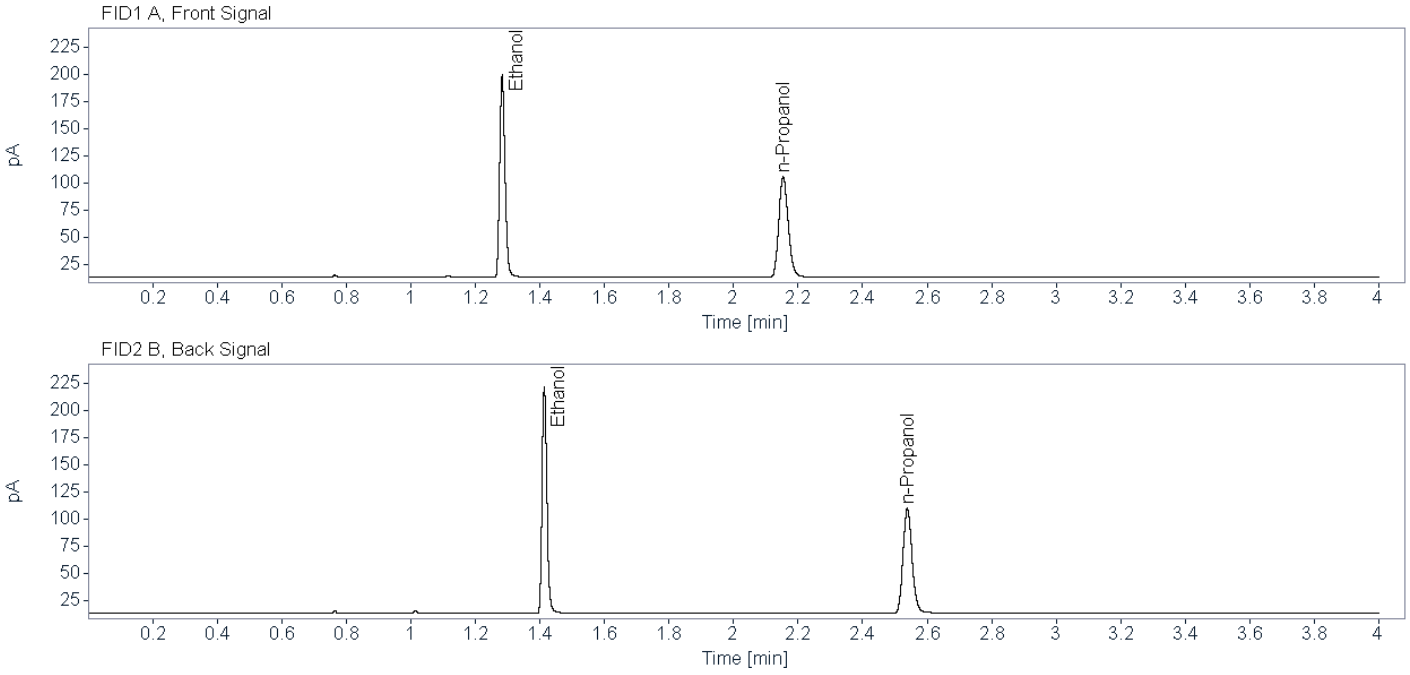
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78682	1.412	1.410	216.2382	0.2175
n-Propanol	0.85570	2.538	2.536	177.4381	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1796 001_001 (24-2270) **Description:** Alq 2 **Sample Barcode** 24-2270 **Vial Number:** 42

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 1:28:37 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80101	1.283	1.282	213.4001	0.2050
n-Propanol	0.81343	2.154	2.153	187.5018	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81480	1.414	1.410	217.2691	0.2061
n-Propanol	0.85178	2.538	2.536	188.2173	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1797 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1596	Aliquot 1:	0.1594
	Aliquot 2:	0.1686	Aliquot 2:	0.1688

Reported Result: 0.164 g/100 mL

Reported UM: 0.024 g/100 mL

Comments:

Previously analyzed in BAC_20241009_KB 10/24/2024

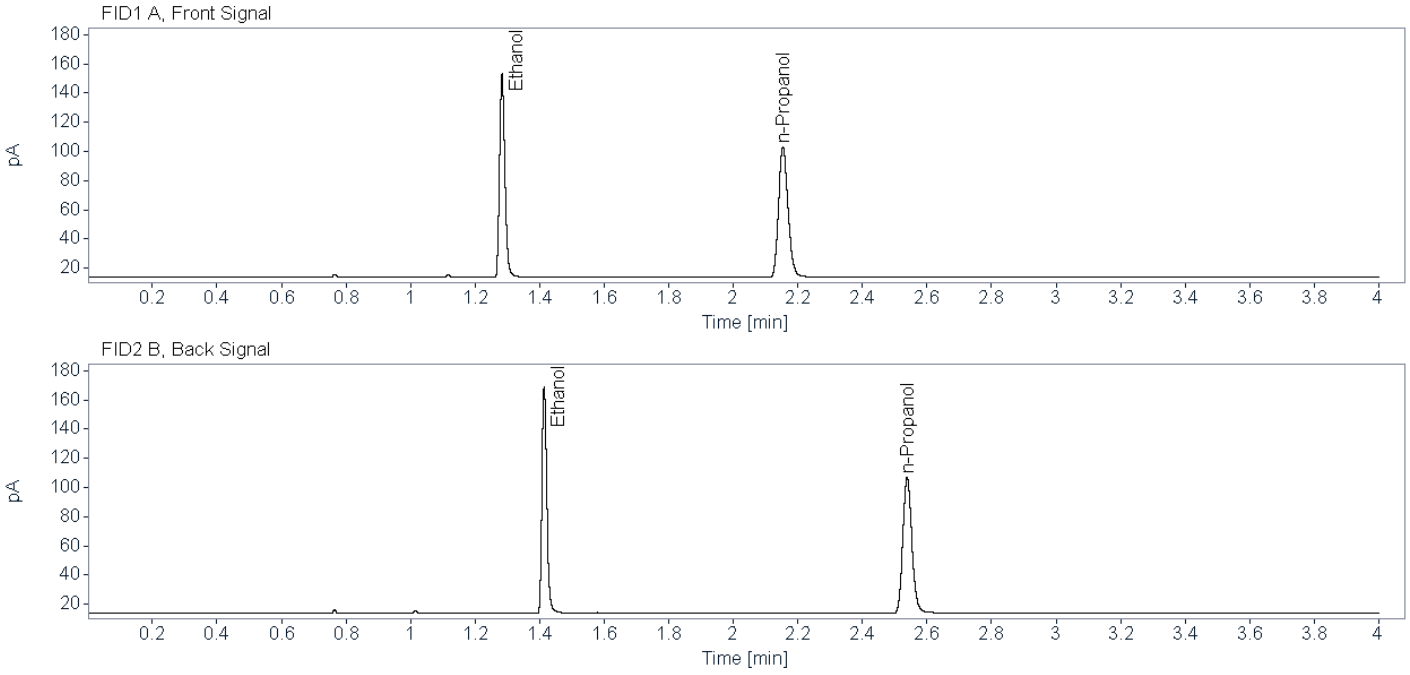
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1797 001_001 (24-2253) **Description:** Alq 1 **Sample Barcode** 24-2253 **Vial Number:** 25

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 12:00:41 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78125	1.284	1.282	160.3180	0.1596
n-Propanol	0.80501	2.154	2.153	181.1991	0.0100

Name FID2B

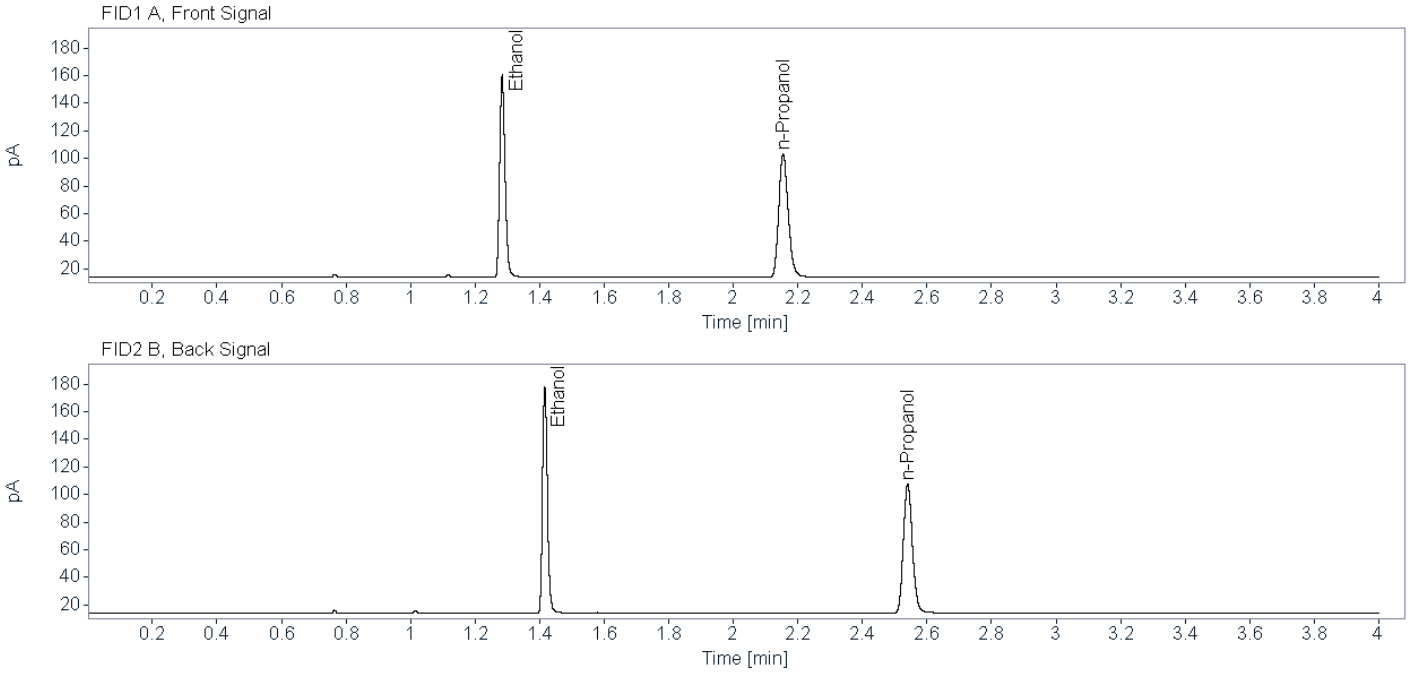
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78522	1.414	1.410	162.7533	0.1594
n-Propanol	0.86214	2.539	2.536	182.6413	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1797 001_001 (24-2269) **Description:** Alq 2 **Sample Barcode** 24-2269 **Vial Number:** 41

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 1:23:54 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79390	1.284	1.282	169.9956	0.1686
n-Propanol	0.80528	2.154	2.153	181.8224	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80811	1.416	1.410	173.4568	0.1688
n-Propanol	0.84739	2.540	2.536	183.7383	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1815 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1209	Aliquot 1:	0.1217
	Aliquot 2:	0.1243	Aliquot 2:	0.1249

Reported Result: 0.122 g/100 mL

Reported UM: 0.018 g/100 mL

Comments:

Previously analyzed in BAC_20241009_KB 10/24/2024

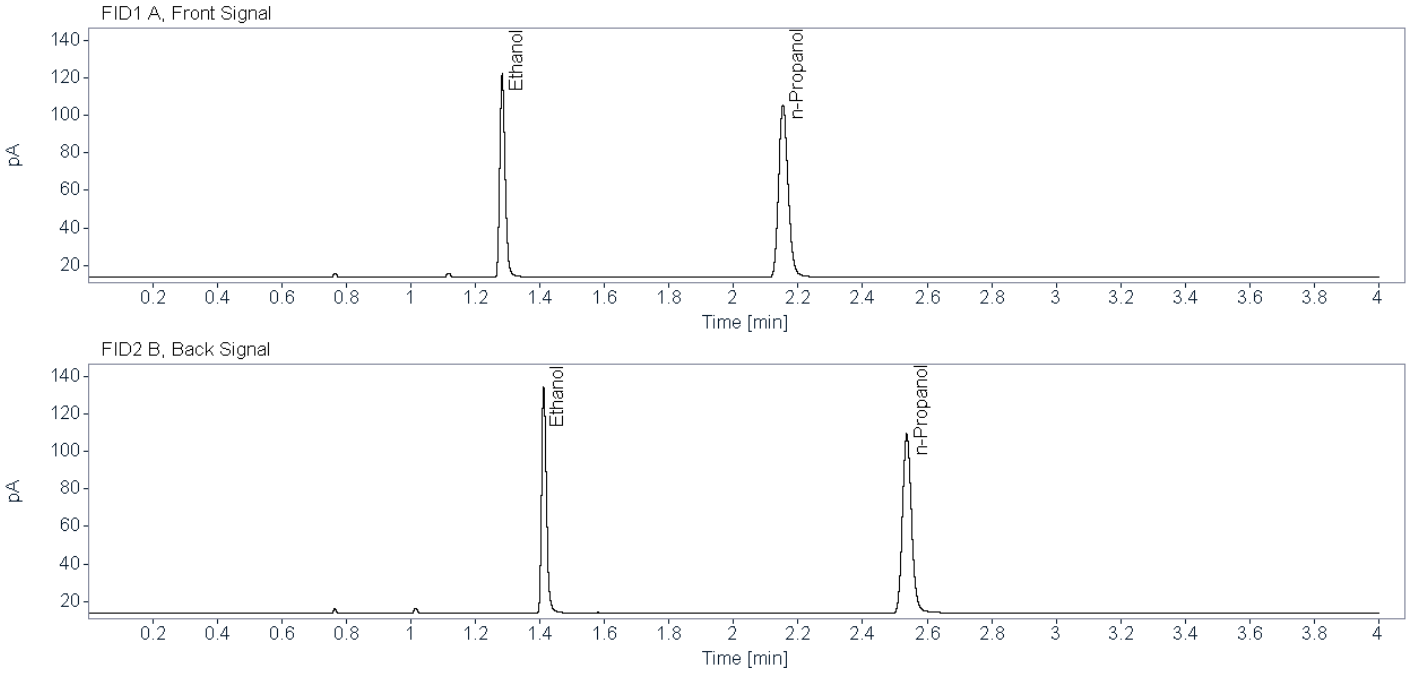
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1815 001_001 (24-2254) **Description:** Alq 1 **Sample Barcode** 24-2254 **Vial Number:** 26

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 12:05:25 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\026F2601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76719	1.283	1.282	124.5543	0.1209
n-Propanol	0.80817	2.153	2.153	186.1622	0.0100

Name FID2B

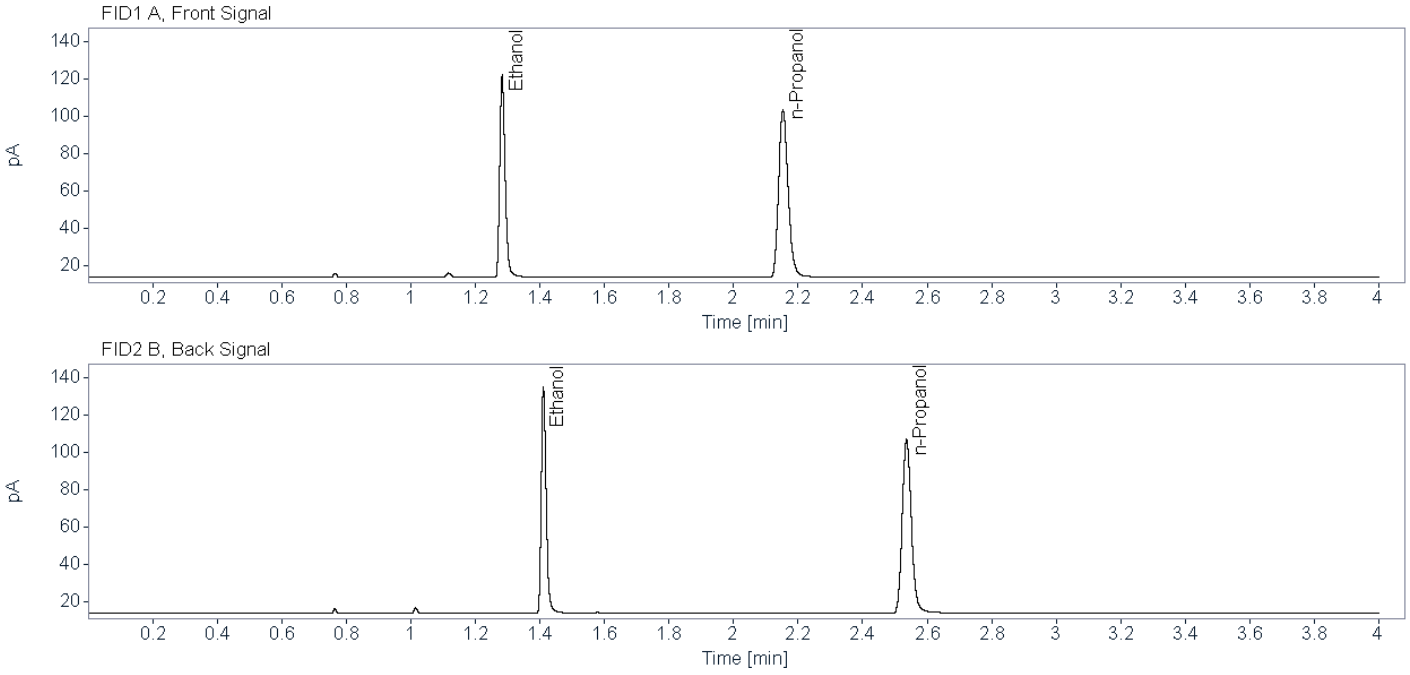
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75768	1.412	1.410	126.7518	0.1217
n-Propanol	0.85240	2.537	2.536	186.6030	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1815 001_001 (24-2268) **Description:** Alq 2 **Sample Barcode** 24-2268 **Vial Number:** 40

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 1:18:12 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74833	1.283	1.282	125.4609	0.1243
n-Propanol	0.79496	2.153	2.153	182.3108	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75434	1.411	1.410	127.6800	0.1249
n-Propanol	0.83768	2.536	2.536	183.2269	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1855 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2135	Aliquot 1:	0.2143
	Aliquot 2:	0.2112	Aliquot 2:	0.2116

Reported Result: 0.212 g/100 mL

Reported UM: 0.031 g/100 mL

Comments:

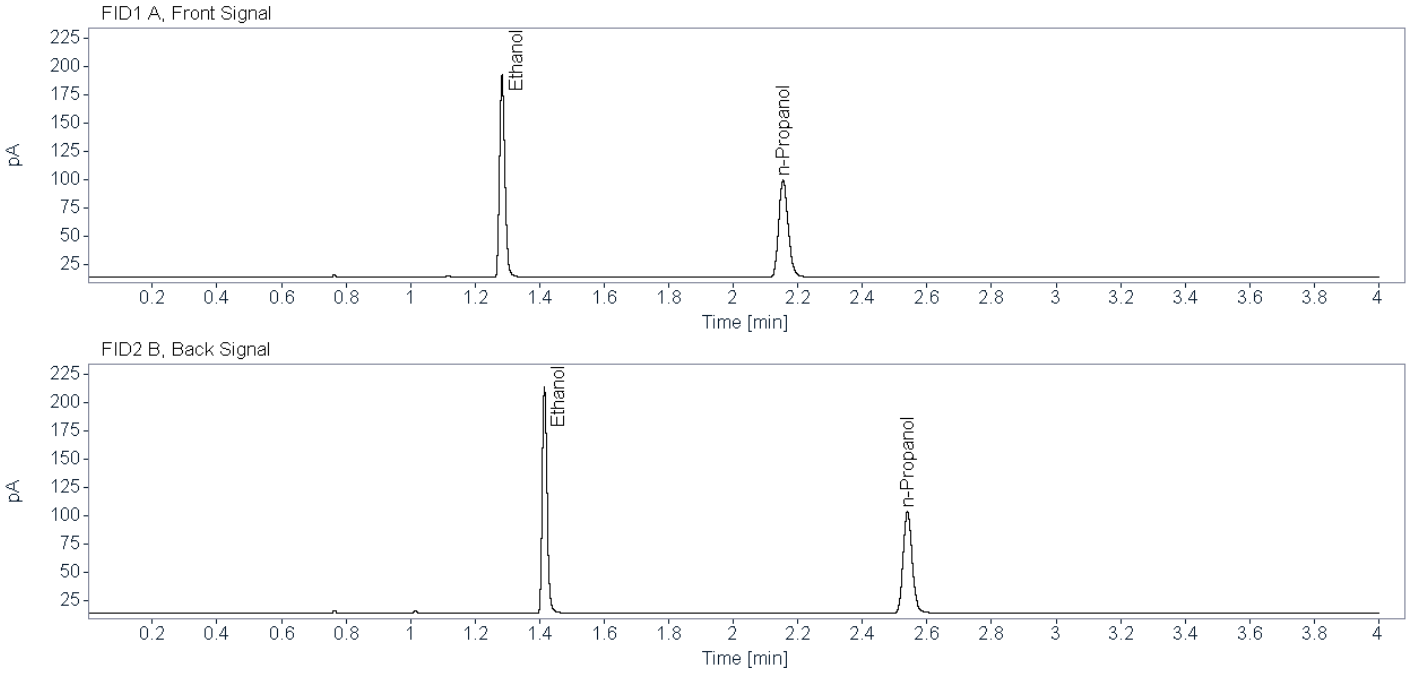
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1855 001_001 (24-2255) **Description:** Alq 1 **Sample Barcode** 24-2255 **Vial Number:** 27

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 12:11:07 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\027F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79392	1.284	1.282	206.6313	0.2135
n-Propanol	0.80869	2.154	2.153	174.2966	0.0100

Name FID2B

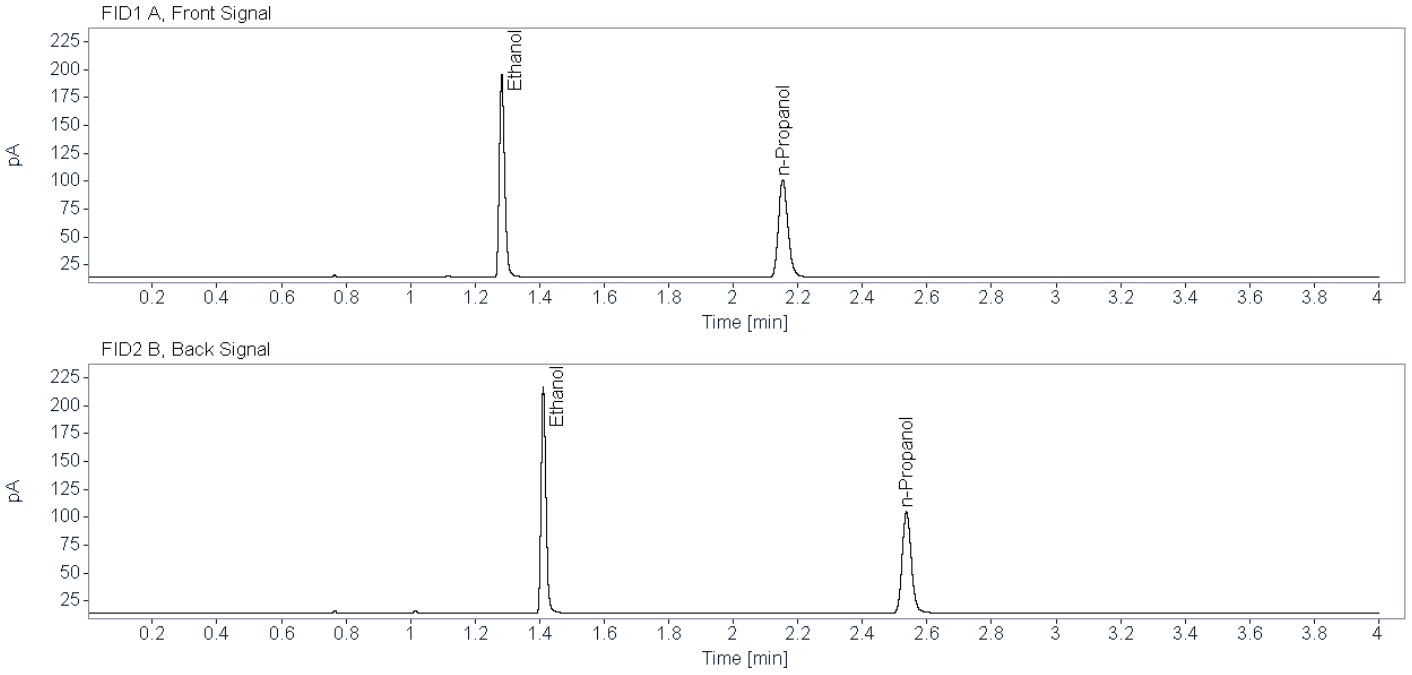
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79934	1.415	1.410	210.3291	0.2143
n-Propanol	0.84039	2.540	2.536	175.1904	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1855 001_001 (24-2267) **Description:** Alq 2 **Sample Barcode** 24-2267 **Vial Number:** 39

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 1:13:29 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77010	1.283	1.282	207.6197	0.2112
n-Propanol	0.79283	2.153	2.153	177.0670	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80904	1.411	1.410	211.8190	0.2116
n-Propanol	0.84000	2.537	2.536	178.7225	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1856 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1670	Aliquot 1:	0.1677
	Aliquot 2:	0.1655	Aliquot 2:	0.1659

Reported Result: **0.166** **g/100 mL**

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

Comments:

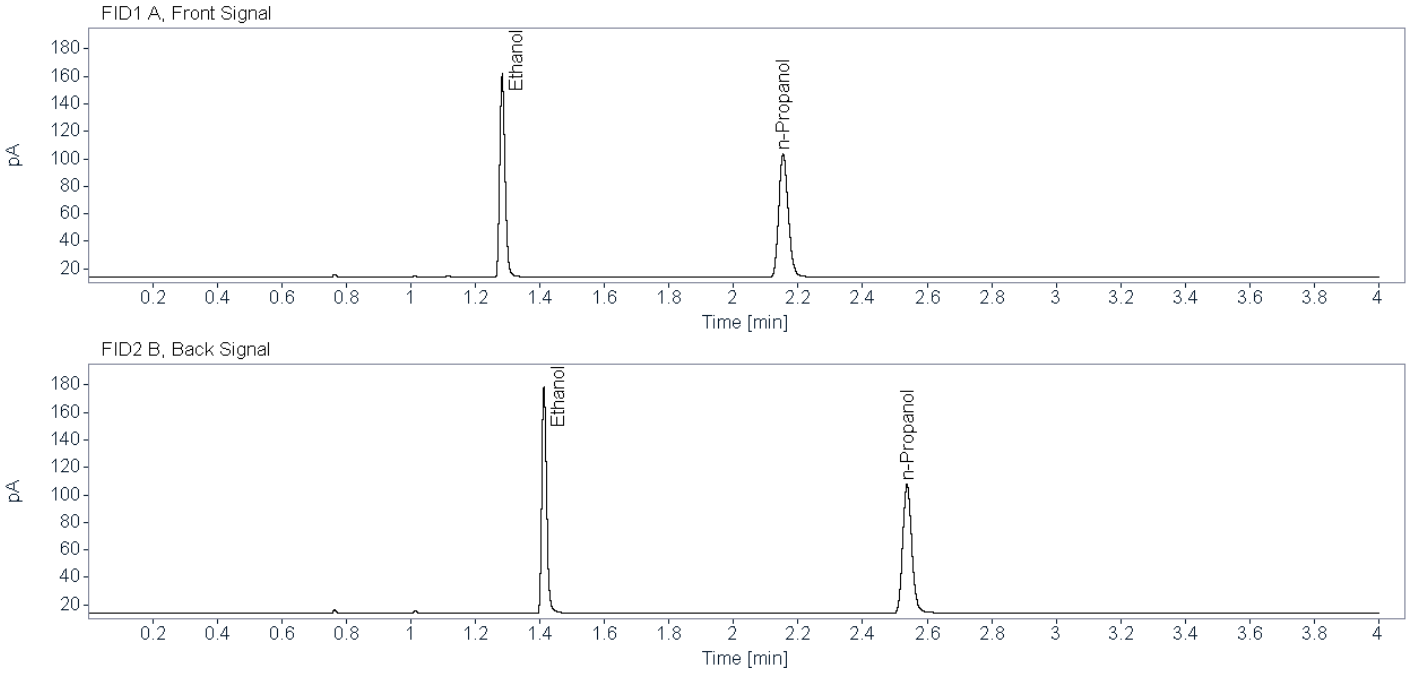
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1856 001_001 (24-2256) **Description:** Alq 1 **Sample Barcode** 24-2256 **Vial Number:** 28

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 12:15:49 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78145	1.283	1.282	169.1215	0.1670
n-Propanol	0.80859	2.154	2.153	182.6049	0.0100

Name FID2B

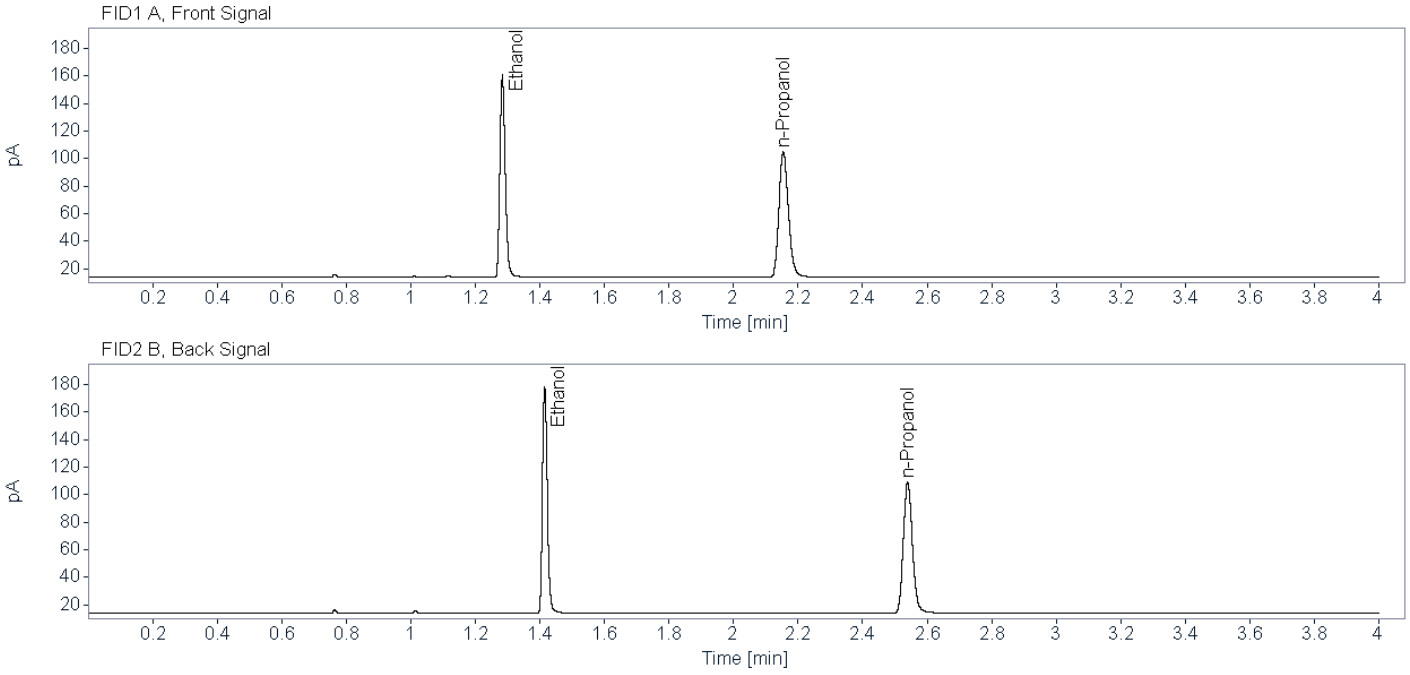
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76891	1.413	1.410	171.8551	0.1677
n-Propanol	0.85750	2.538	2.536	183.1938	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1856 001_001 (24-2266) **Description:** Alq 2 **Sample Barcode** 24-2266 **Vial Number:** 38

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 1:07:48 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78316	1.284	1.282	169.6624	0.1655
n-Propanol	0.80997	2.154	2.153	184.8373	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79691	1.415	1.410	172.8894	0.1659
n-Propanol	0.84946	2.539	2.536	186.2699	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1859 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2345	Aliquot 1:	0.2349
	Aliquot 2:	0.2289	Aliquot 2:	0.2295

Reported Result: 0.231 g/100 mL

Reported UM: 0.033 g/100 mL

Comments:

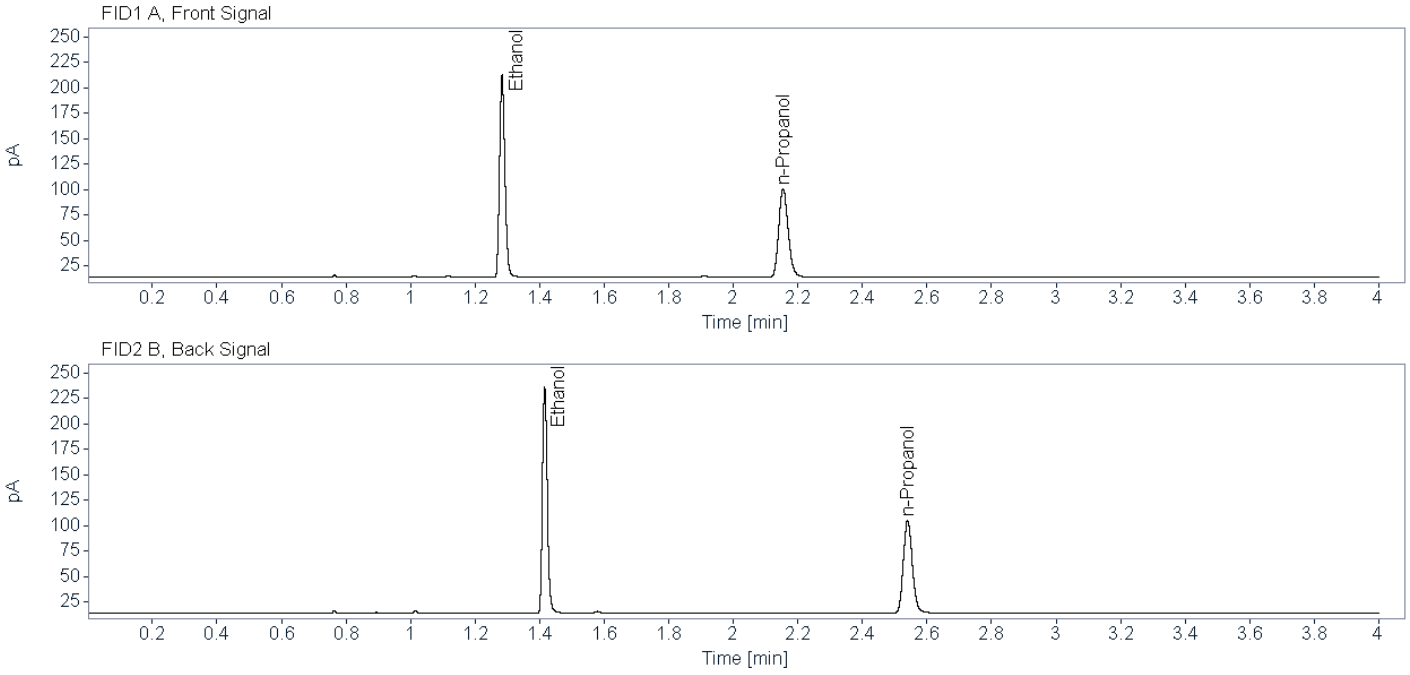
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1859 001_001 (24-2257) **Description:** Alq 1 **Sample Barcode** 24-2257 **Vial Number:** 29

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 12:21:30 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\029F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80651	1.284	1.282	229.8576	0.2345
n-Propanol	0.81311	2.154	2.153	176.4849	0.0100

Name FID2B

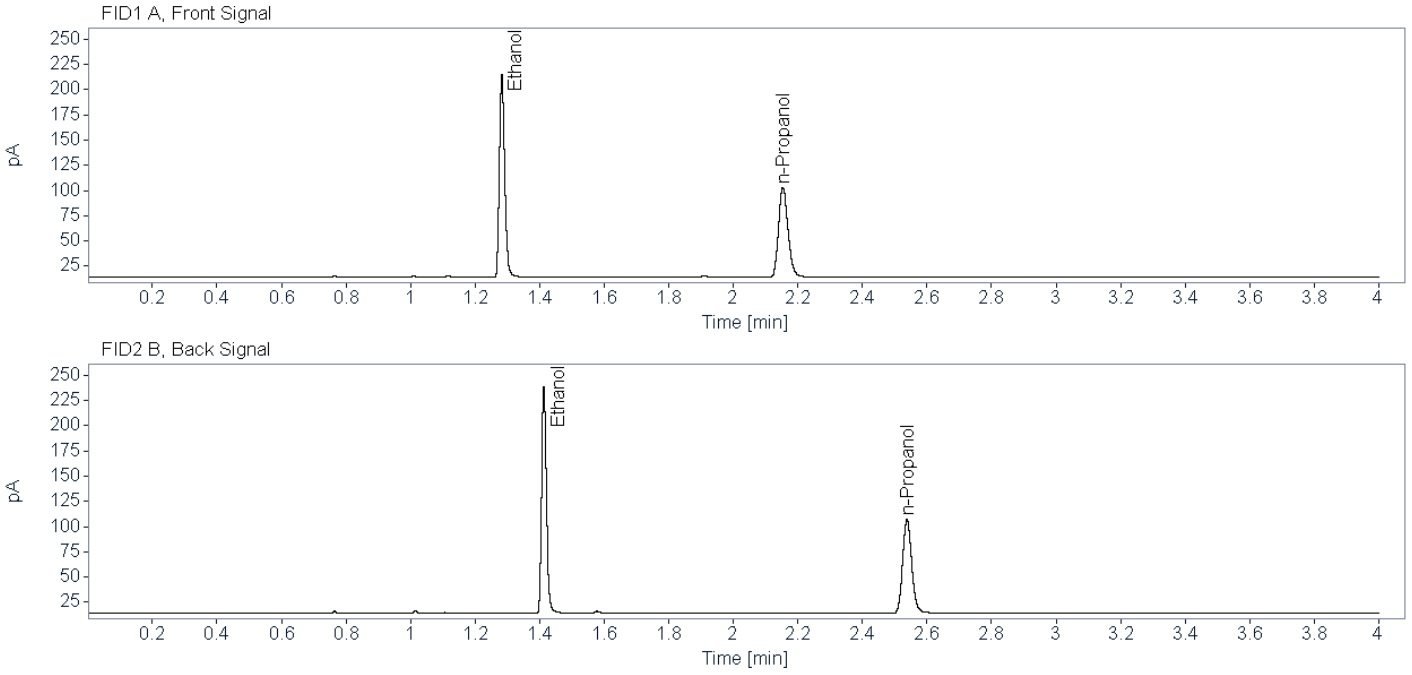
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81616	1.416	1.410	233.7866	0.2349
n-Propanol	0.84858	2.540	2.536	177.5568	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1859 001_001 (24-2265) **Description:** Alq 2 **Sample Barcode** 24-2265 **Vial Number:** 37

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 1:03:06 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78641	1.283	1.282	230.4904	0.2289
n-Propanol	0.79479	2.154	2.153	181.3117	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79502	1.413	1.410	234.8463	0.2295
n-Propanol	0.85697	2.538	2.536	182.5992	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1861 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1582	Aliquot 1:	0.1589
	Aliquot 2:	0.1560	Aliquot 2:	0.1562

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

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

Comments:

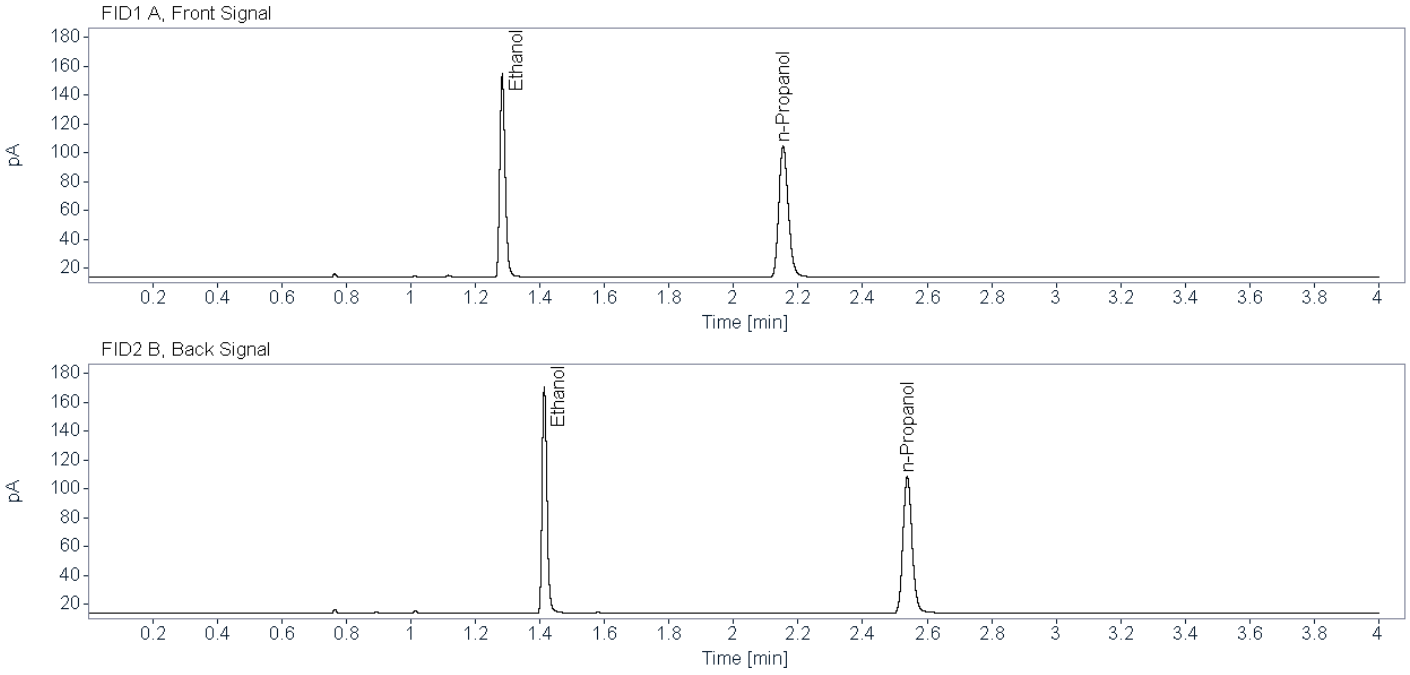
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1861 001_001 (24-2258) **Description:** Alq 1 **Sample Barcode** 24-2258 **Vial Number:** 30

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 12:26:13 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\030F3001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76768	1.283	1.282	162.0845	0.1582
n-Propanol	0.80566	2.154	2.153	184.8036	0.0100

Name FID2B

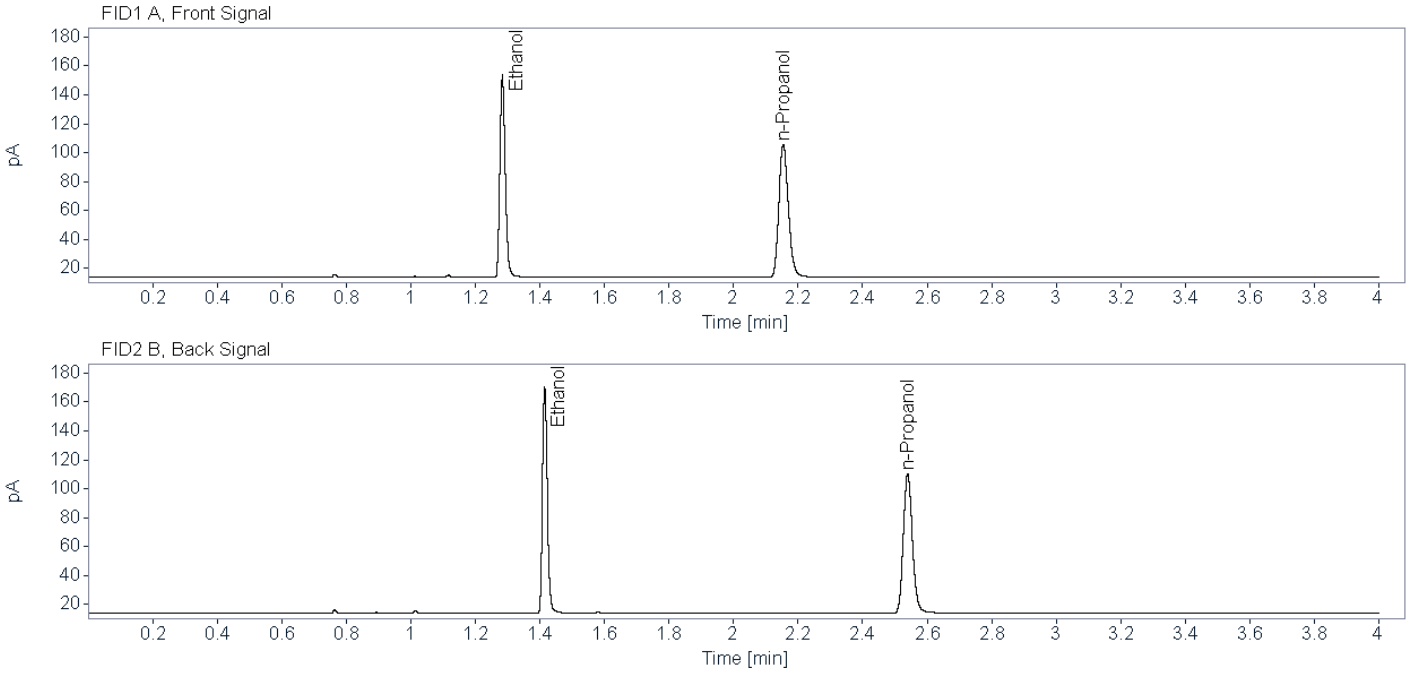
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79142	1.414	1.410	164.7542	0.1589
n-Propanol	0.85460	2.538	2.536	185.4133	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1861 001_001 (24-2264) **Description:** Alq 2 **Sample Barcode** 24-2264 **Vial Number:** 36

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 12:57:25 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78400	1.284	1.282	161.7285	0.1560
n-Propanol	0.81199	2.154	2.153	187.0105	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79899	1.415	1.410	164.7952	0.1562
n-Propanol	0.85229	2.539	2.536	188.6821	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1877 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1516	Aliquot 1:	0.1518
	Aliquot 2:	0.1539	Aliquot 2:	0.1544

Reported Result: **0.152** **g/100 mL**

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

Comments:

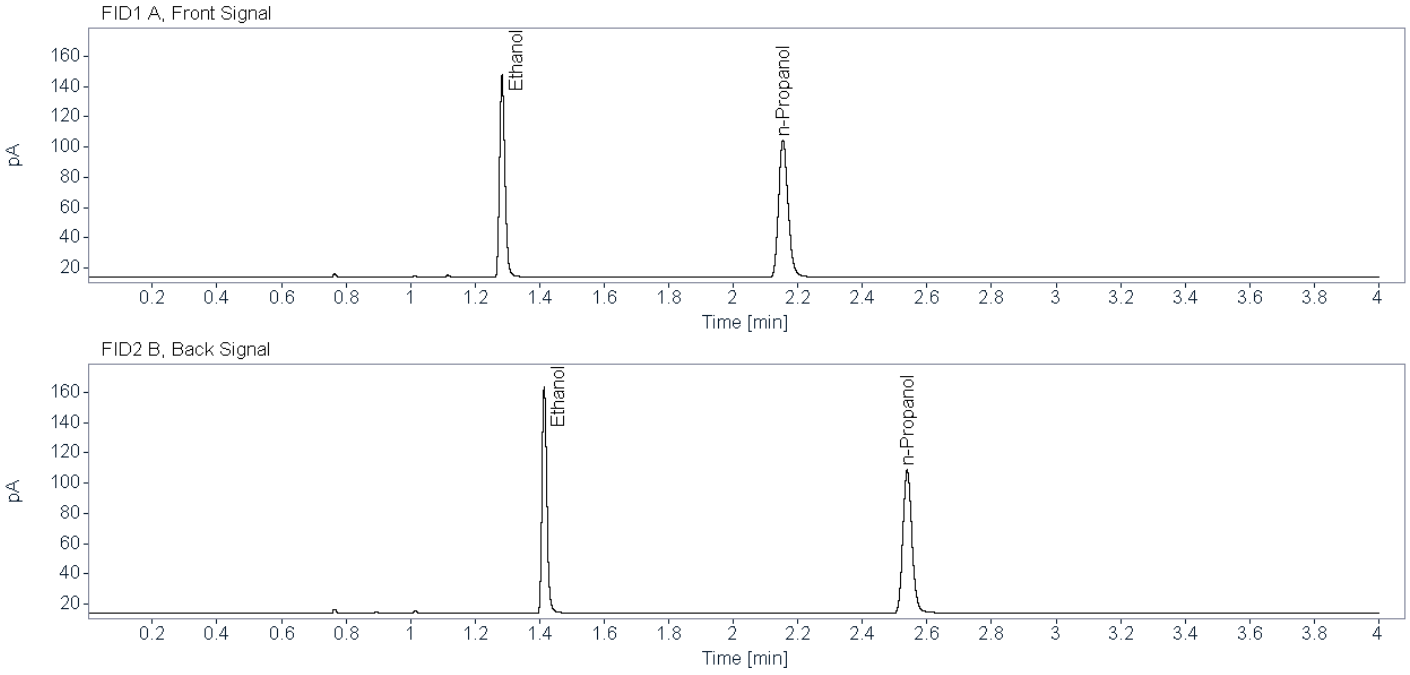
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1877 001_001 (24-2259) **Description:** Alq 1 **Sample Barcode** 24-2259 **Vial Number:** 31

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 12:31:54 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77512	1.284	1.282	154.4351	0.1516
n-Propanol	0.80155	2.154	2.153	183.8330	0.0100

Name FID2B

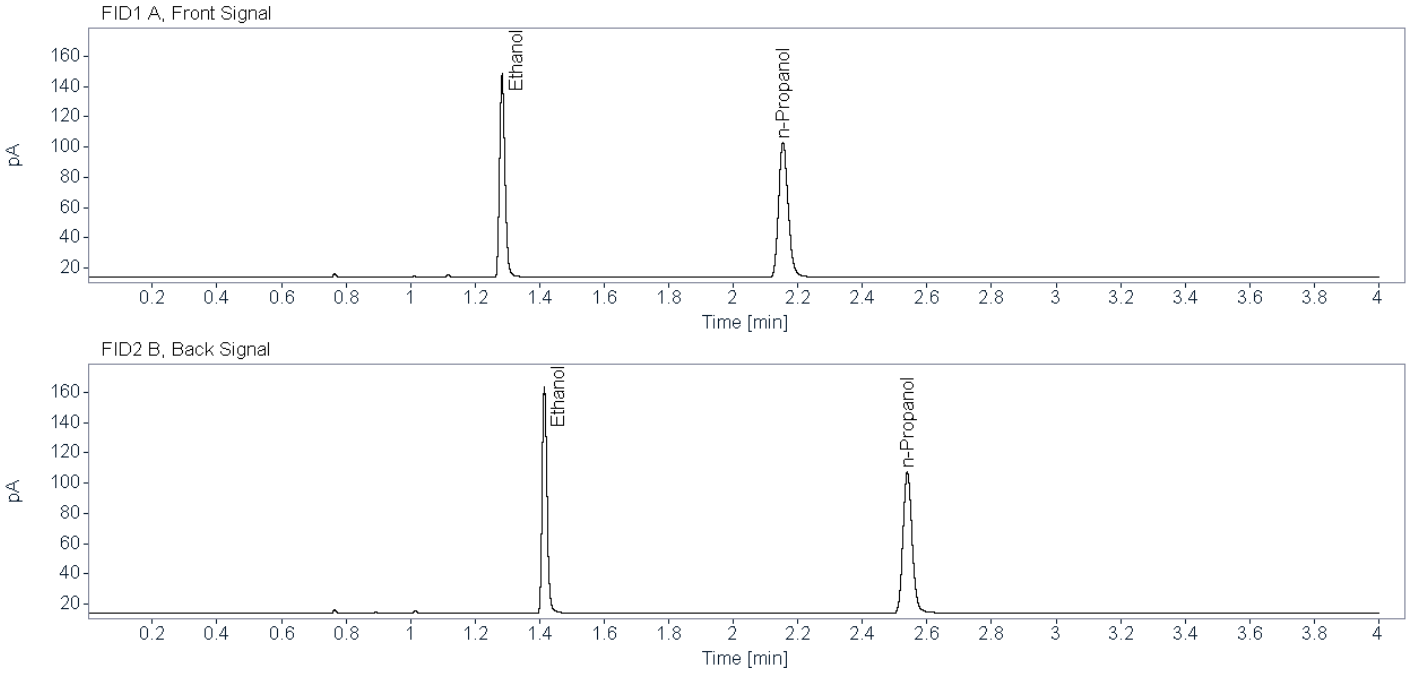
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79560	1.414	1.410	157.0542	0.1518
n-Propanol	0.85613	2.539	2.536	185.0202	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1877 001_001 (24-2263) **Description:** Alq 2 **Sample Barcode** 24-2263 **Vial Number:** 35

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 12:52:42 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78796	1.284	1.282	155.0410	0.1539
n-Propanol	0.80744	2.154	2.153	181.7288	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80849	1.415	1.410	157.9136	0.1544
n-Propanol	0.85550	2.539	2.536	182.9276	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1882 001_001

Batch Name: BAC_20241017_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2240	Aliquot 1:	0.2243
	Aliquot 2:	0.2242	Aliquot 2:	0.2246

Reported Result: 0.224 g/100 mL

Reported UM: 0.032 g/100 mL

Comments:

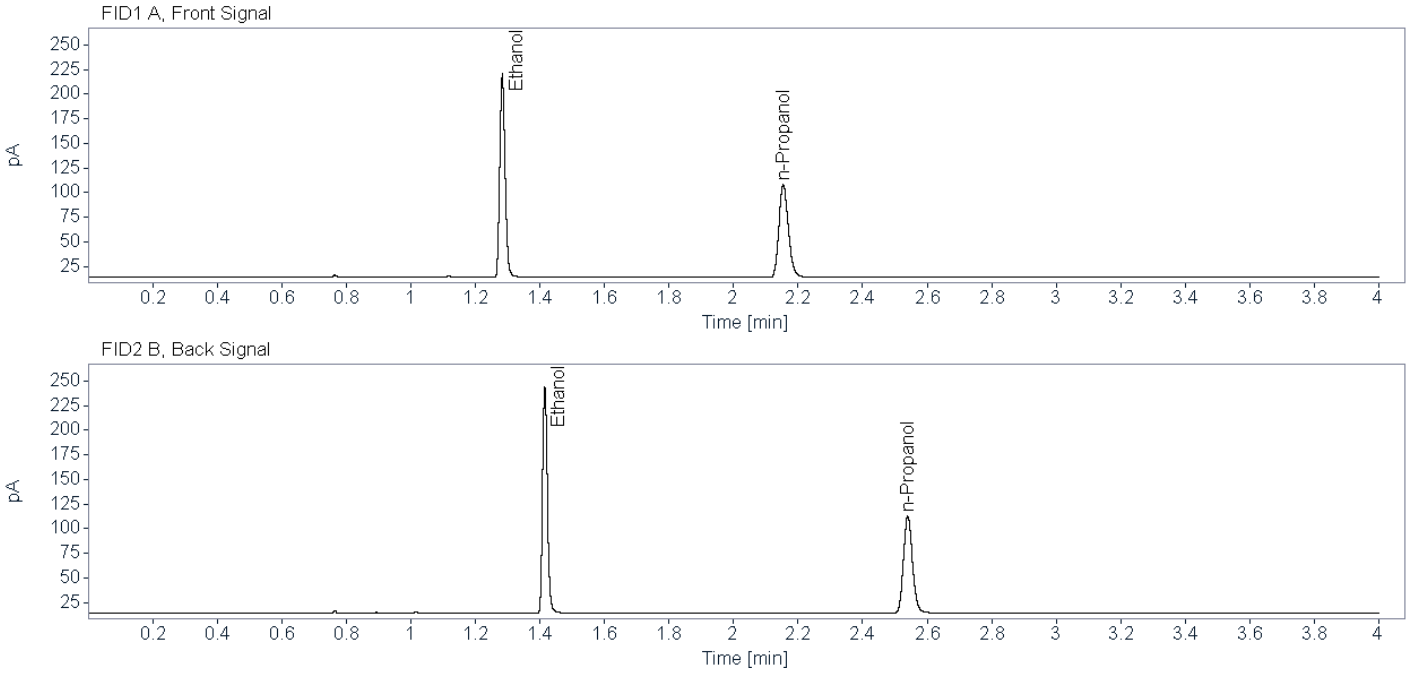
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1882 001_001 (24-2260) **Description:** Alq 1 **Sample Barcode** 24-2260 **Vial Number:** 32

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 12:36:37 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81035	1.284	1.282	237.6925	0.2240
n-Propanol	0.81368	2.154	2.153	191.1016	0.0100

Name FID2B

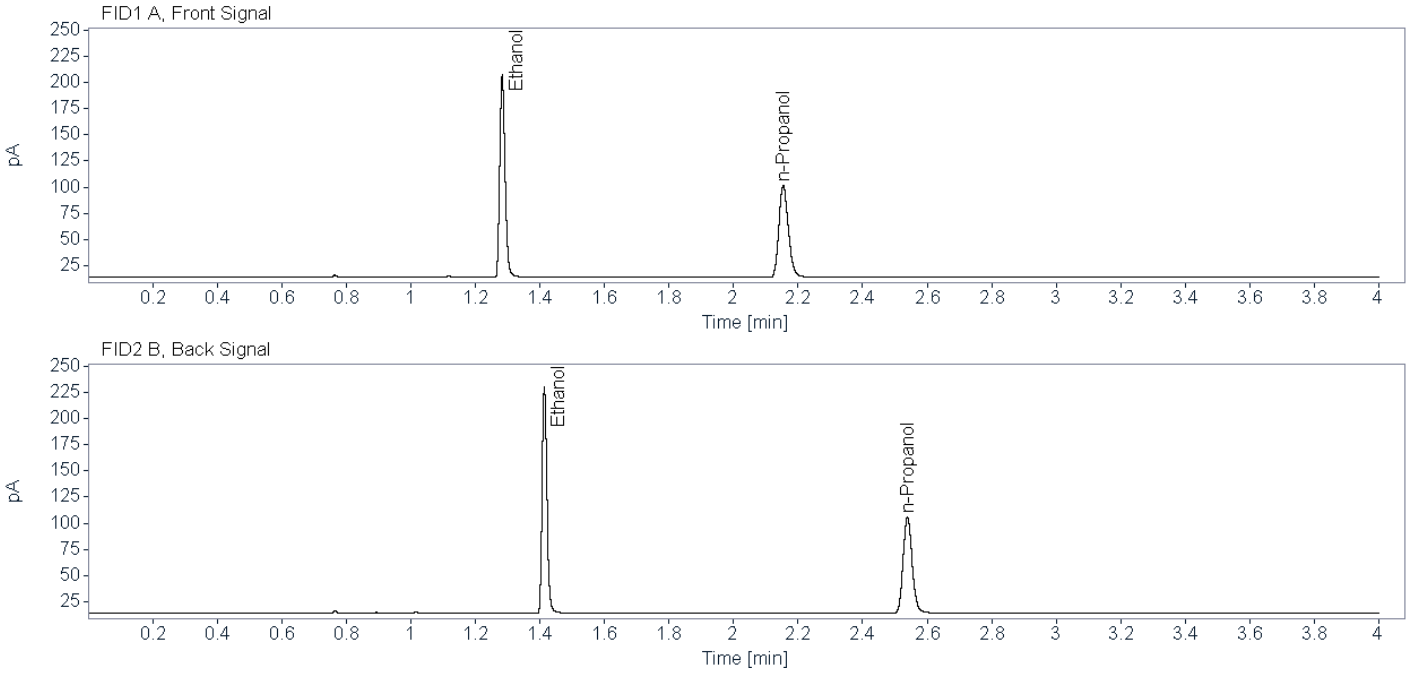
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82147	1.415	1.410	242.1292	0.2243
n-Propanol	0.85748	2.540	2.536	192.6362	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1882 001_001 (24-2262) **Description:** Alq 2 **Sample Barcode** 24-2262 **Vial Number:** 34

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 10/17/2024 12:47:00 PM

Data File: C:\Chem32\2\Data\2024\BAC_20241017_KB 2024-10-17 09-45-54\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79173	1.283	1.282	222.0501	0.2242
n-Propanol	0.80495	2.154	2.153	178.3268	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82310	1.414	1.410	226.3832	0.2246
n-Propanol	0.83959	2.539	2.536	179.9005	0.0100