SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY
BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 12/29/25 SEQUENCE NAME 29Dec25

EQUIPMENT

Pipettor	☐	Hamilton ML600GJ10749	☒	Hamilton ML600EA20851
Gas Chromatograph	☐	Agilent US14173023	☒	Agilent US2320A024

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03062417 Coefficient of determination (r^2)

Vial 2 0.10 calibrator Lot FN04042408 0.99999

Vial 3 0.20 calibrator Lot FN03132302

Vial 4 0.40 calibrator Lot FN04092401

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CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 112224WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 061225MIX
7	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.038 g/dL	Lipomed 518018
9	Blood control	0.203 g/dL	0.204 g/dL	ACQ 4130622206/10
20	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed C1455120
31	Blood control	0.203 g/dL	0.203 g/dL	ACQ 413622206/10
42	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed C1455120
53	Aqueous control	0.400 g/dL	0.407 g/dL	Lipomed 12052023-B
54	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
55	Blood control	0.203 g/dL	0.205 g/dL	ACQ 4130622206/10
56	Blank	Not detected	Not detected	SPD lab 102125AQ

SUBJECT SAMPLES

Subjects in the sequence 20 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid ☒ Run invalid ☐ Erika Canonico Analyst

Run valid ☑ Run invalid ☐ Lori Abbott Technical Reviewer

Scottsdale Police Department Crime Laboratory

Sequence Quality Assurance Summary

Sequence: 29Dec25 **Analyst: Canonico** EQ

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 112224WB	5	negative	negative	-	-
0.400 12052023-B	7	0.404	0.400	1.00	0.004
0.040 518018	8	0.038	0.040	5.00	0.002
0.203 4130622206/10	9	0.204	0.203	0.49	0.001
0.100 C1455120	20	0.101	0.100	1.00	0.001
0.203 4130622206/10	31	0.203	0.203	0.00	0.000
0.100 C1455120	42	0.101	0.100	1.00	0.001
0.400 12052023-B	53	0.407	0.400	1.75	0.007
0.040 518018	54	0.041	0.040	2.50	0.001
0.203 4130622206/10	55	0.205	0.203	0.99	0.002
blank 102125AQ	56	negative	negative	-	-

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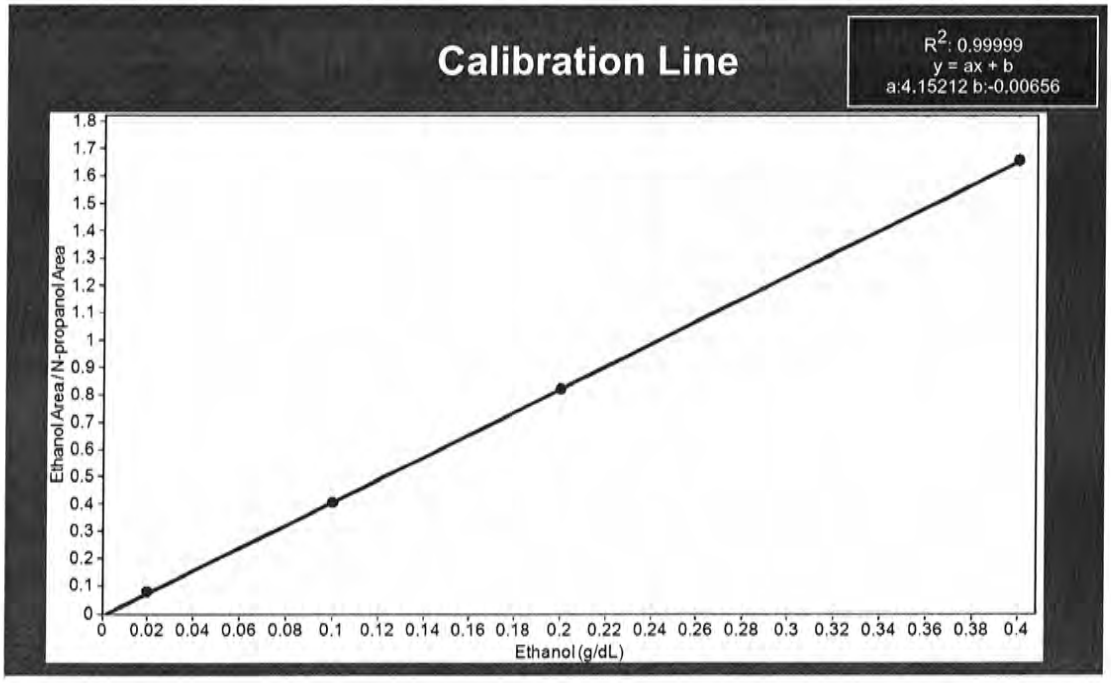
Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	13.313	168.789	0.079
0.100	67.656	165.862	0.408
0.200	137.972	168.169	0.820
0.400	271.360	163.858	1.656



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03062417	**Vial:**	1
Description:	0.020 Calibrator	**Sequence:**	29Dec25
Method:	ethanol quant.M	**Injection date:**	12/29/2025 3:20:59 PM
Instrument:	US2320A024 US23180007	**Analyst:**	Canonico
Data file:	C:\Chem32\1\Data\29Dec25\1.D		

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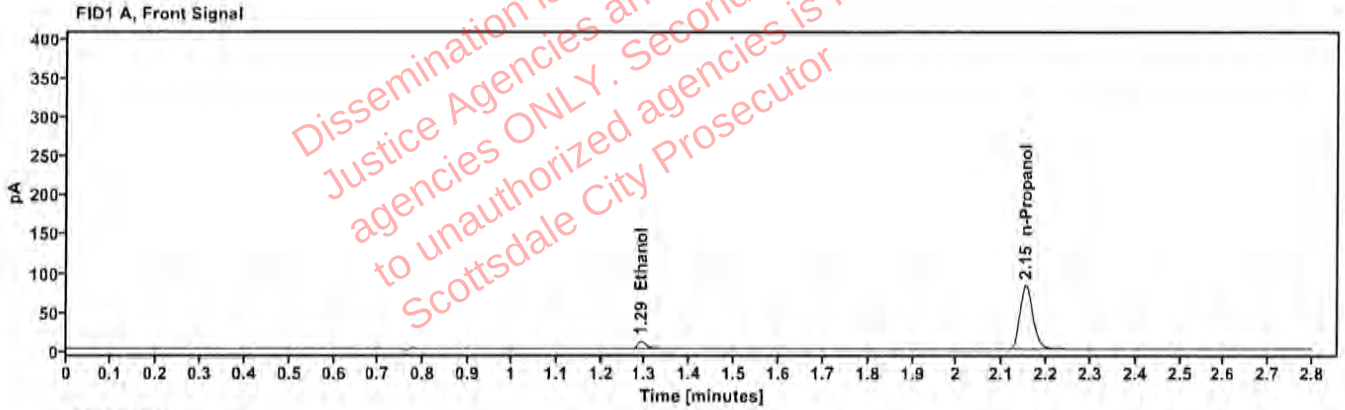

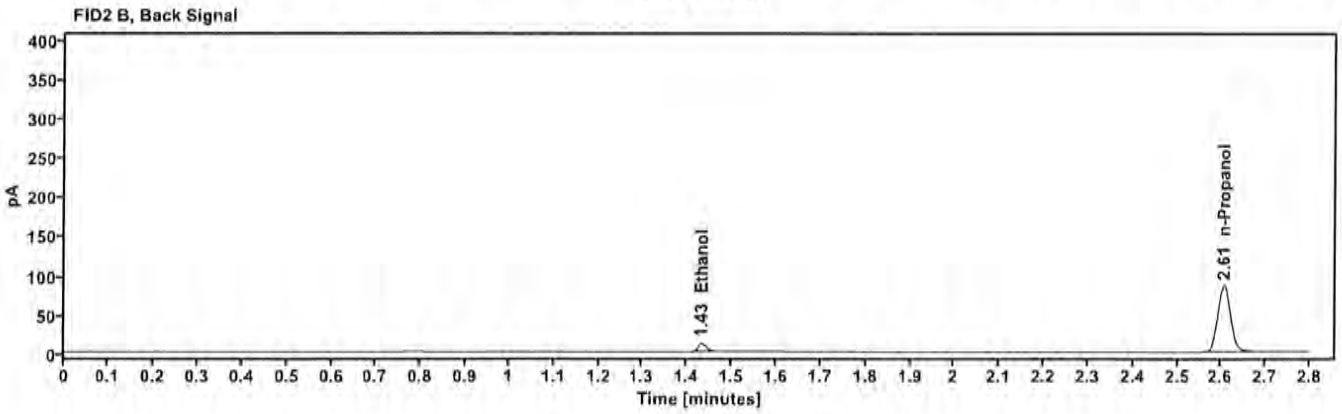

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.291	13.313
n-Propanol	2.152	168.789

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.432	13.864
n-Propanol	2.606	175.194

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN04042408	**Vial:**	2
Description:	0.100 Calibrator	**Sequence:**	29Dec25
Method:	ethanol quant.M	**Injection date:**	12/29/2025 3:24:47 PM
Instrument:	US2320A024 US23180007	**Analyst:**	Canonico
Data file:	C:\Chem32\1\Data\29Dec25\2.D		

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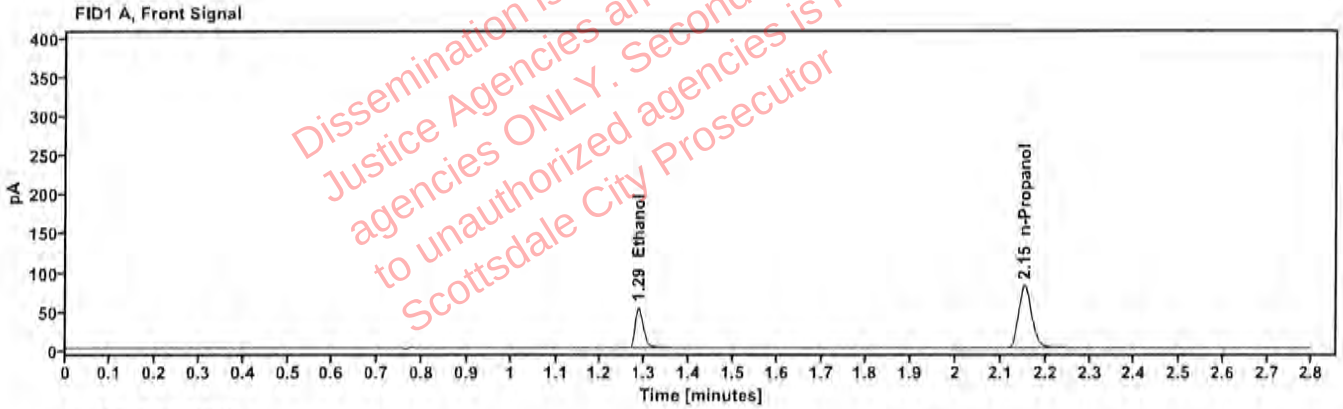

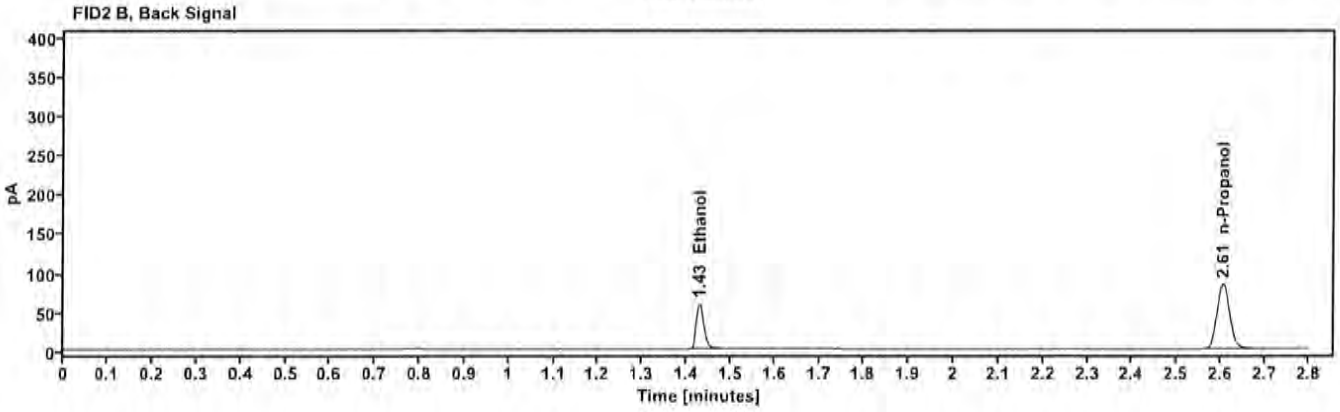

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.286	67.656
n-Propanol	2.152	165.862

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	70.107
n-Propanol	2.605	172.096

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03132302	**Vial:**	3
Description:	0.200 Calibrator	**Sequence:**	29Dec25
Method:	ethanol quant.M	**Injection date:**	12/29/2025 3:28:35 PM
Instrument:	US2320A024 US23180007	**Analyst:**	Canonico EC
Data file:	C:\Chem32\1\Data\29Dec25\3.D		

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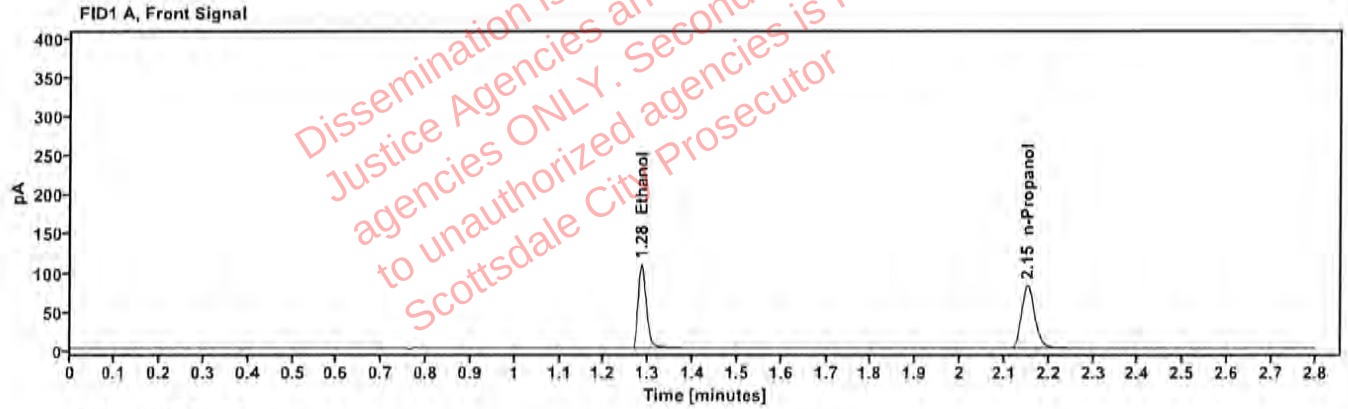

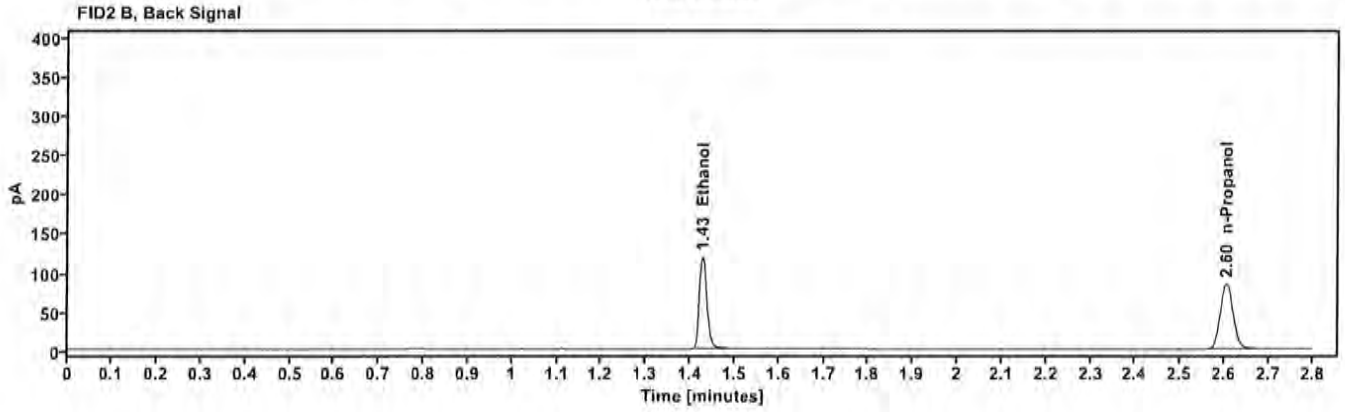

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.284	137.972
n-Propanol	2.152	168.169

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.427	143.880
n-Propanol	2.604	174.127

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN04092401	**Vial:**	4
Description:	0.400 Calibrator	**Sequence:**	29Dec25
Method:	ethanol quant.M	**Injection date:**	12/29/2025 3:32:22 PM
Instrument:	US2320A024 US23180007	**Analyst:**	Canonico EQ
Data file:	C:\Chem32\1\Data\29Dec25\4.D		

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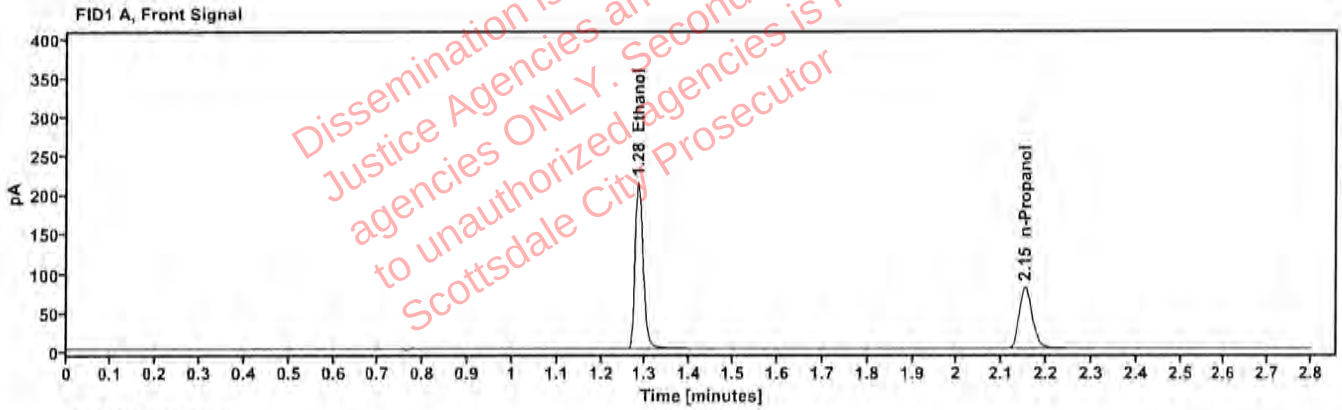

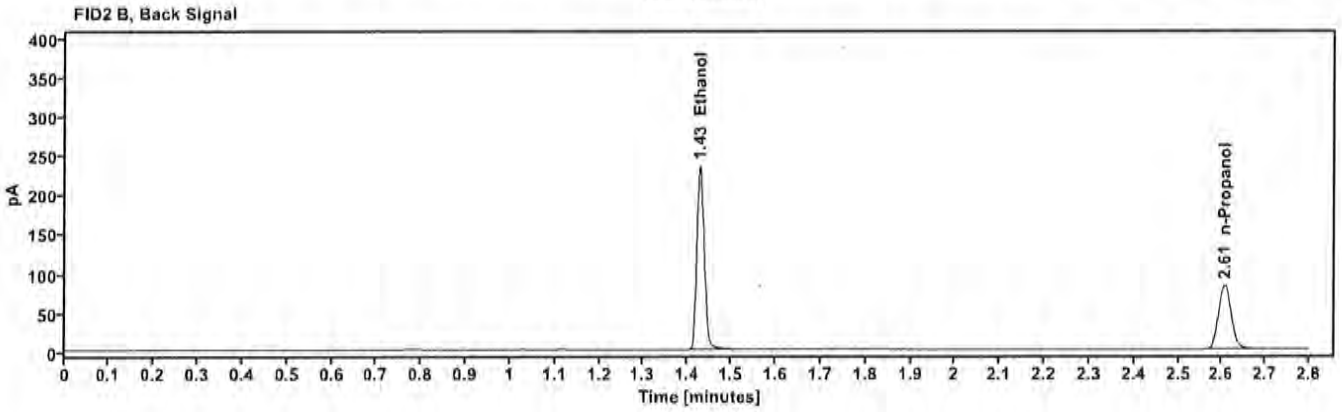

Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.284	271.360
n-Propanol	2.152	163.858

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.428	282.029
n-Propanol	2.605	169.730

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	112224WB	**Vial:**	5
Description:	negative	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 3:36:11 PM
Data file:	C:\Chem32\1\Data\29Dec25\5.D	**Analyst:**	Canonico EQ

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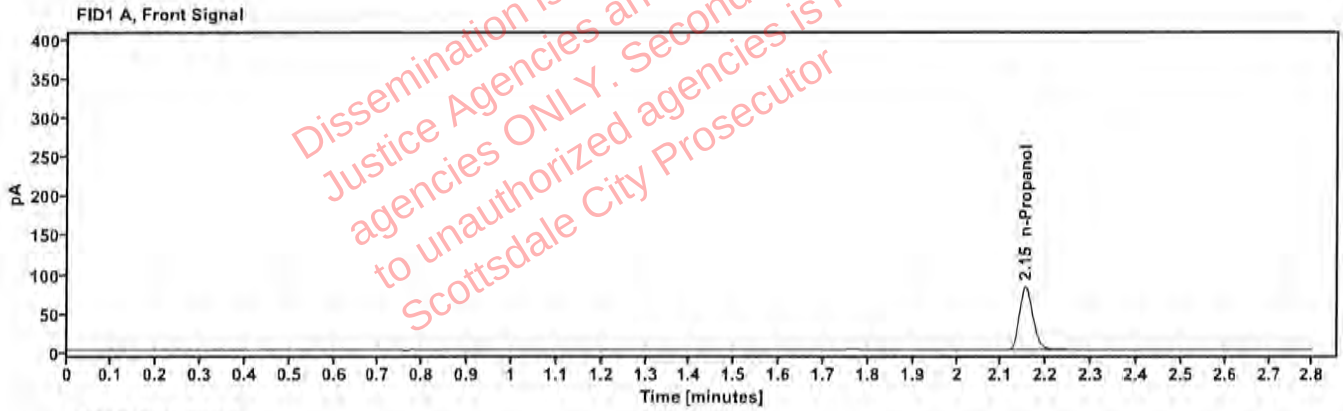

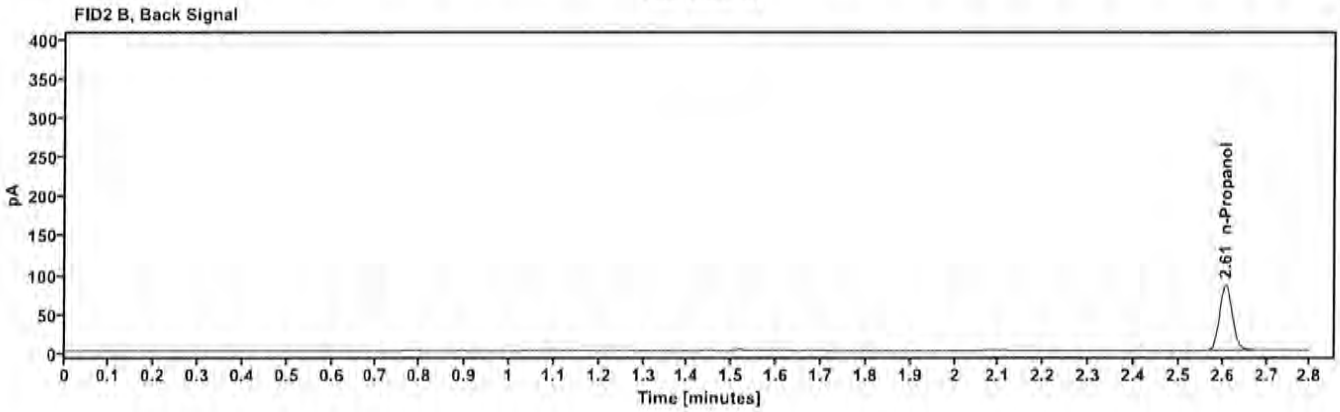

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.153	167.935

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.607	174.761

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	061225MIX	**Vial:**	6
Description:	Volatile Mix	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 3:39:59 PM
Data file:	C:\Chem32\1\Data\29Dec25\6.D	**Analyst:**	Canonico EC

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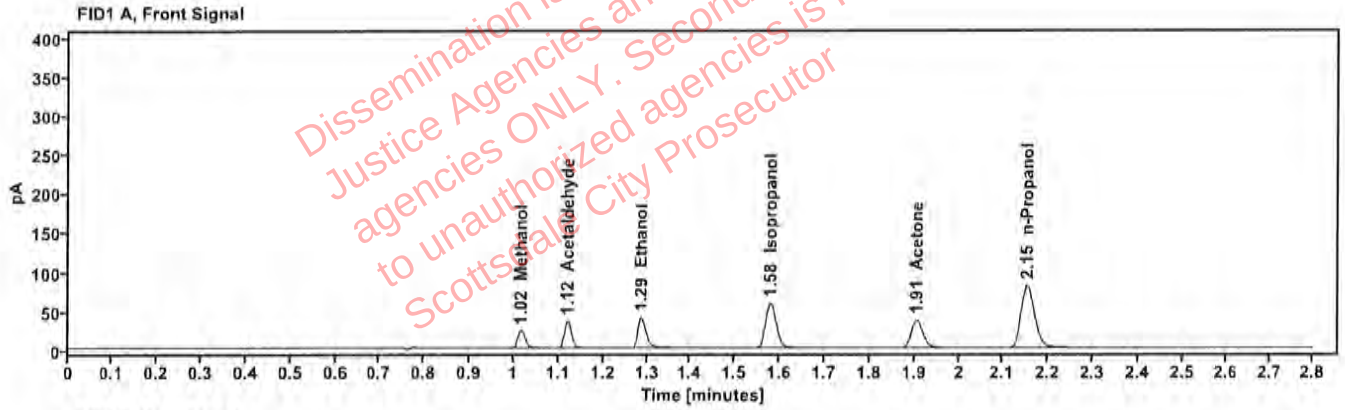

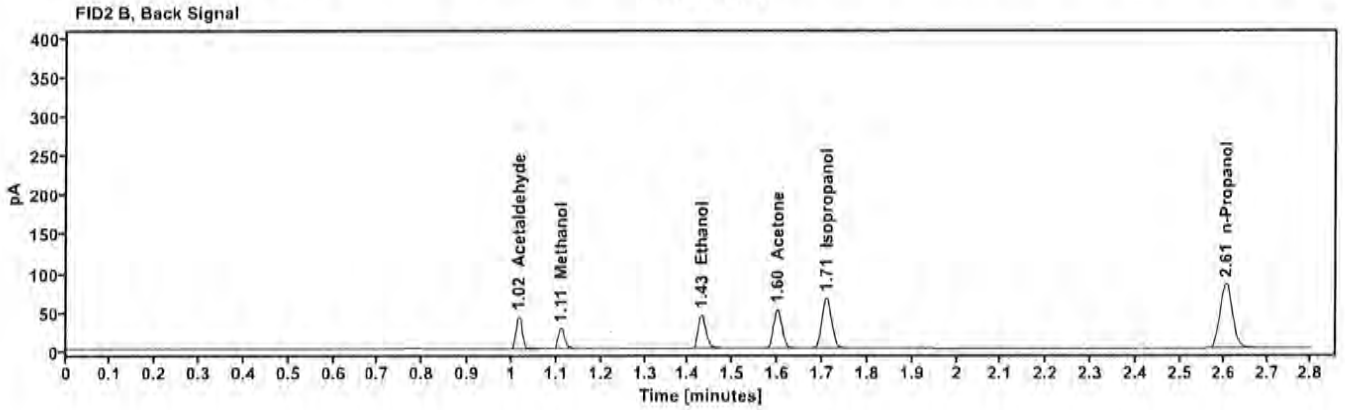

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	——	1.016	26.295
Acetaldehyde	——	1.120	37.805
quantified Ethanol	0.0759	1.287	51.364
Isopropanol	——	1.579	94.896
Acetone	——	1.905	64.311
n-Propanol	——	2.152	166.532

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.015	39.188
Methanol	1.109	27.096
Ethanol	1.429	53.332
Acetone	1.599	66.463
Isopropanol	1.709	98.524
n-Propanol	2.605	172.244

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	**Vial:**	7
Description:	0.400	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 3:44:59 PM
Data file:	C:\Chem32\1\Data\29Dec25\7.D	**Analyst:**	Canonico EQ

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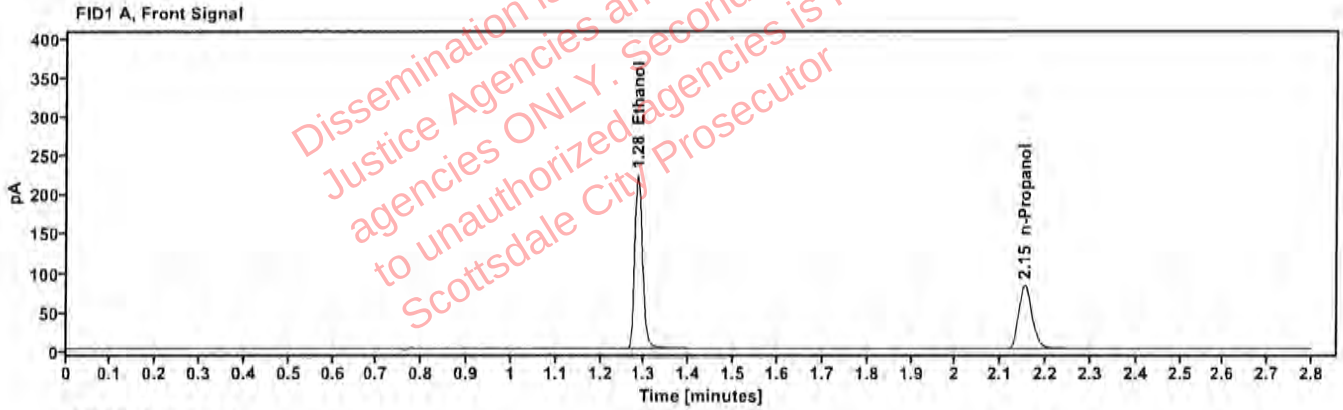

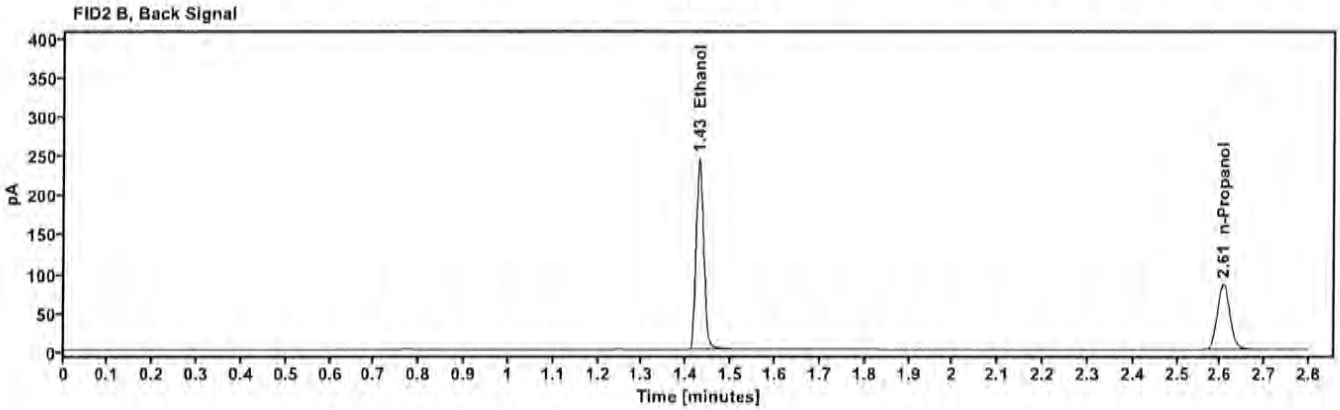

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.4046	1.284	282.186
n-Propanol	----	2.153	168.650

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	293.137
n-Propanol	2.606	174.354

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	**Vial:**	8
Description:	0.040	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 3:48:47 PM
Data file:	C:\Chem32\1\Data\29Dec25\8.D	**Analyst:**	Canonico EC

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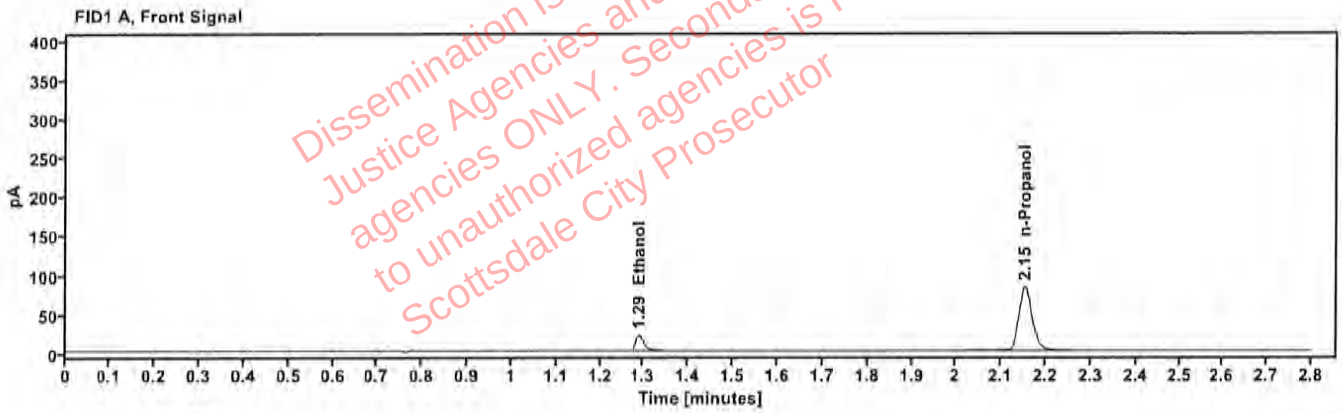

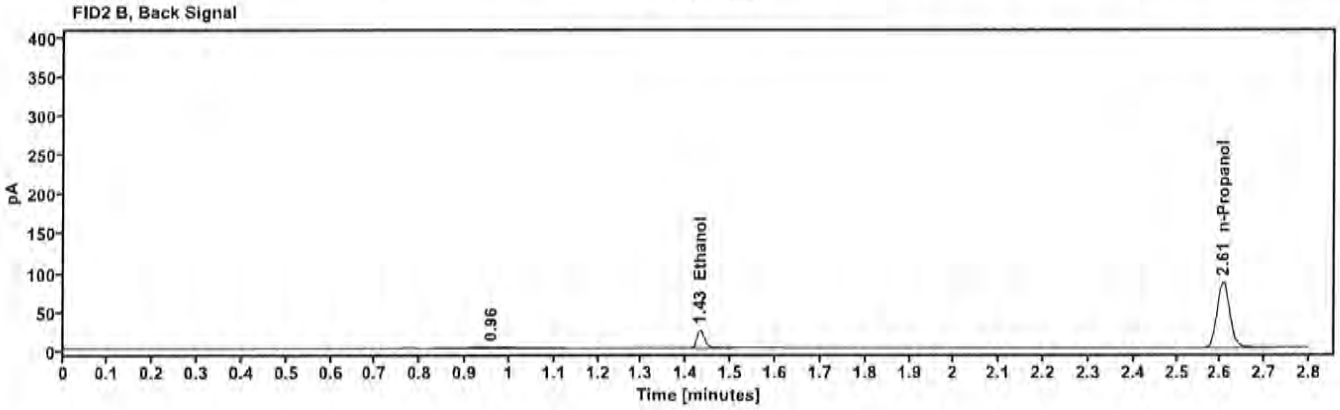

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0386	1.289	27.361
n-Propanol	——	2.153	178.066

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.431	28.419
n-Propanol	2.606	174.336

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	**Vial:**	9
Description:	0.203	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 3:52:35 PM
Data file:	C:\Chem32\1\Data\29Dec25\9.D	**Analyst:**	Canonico EC

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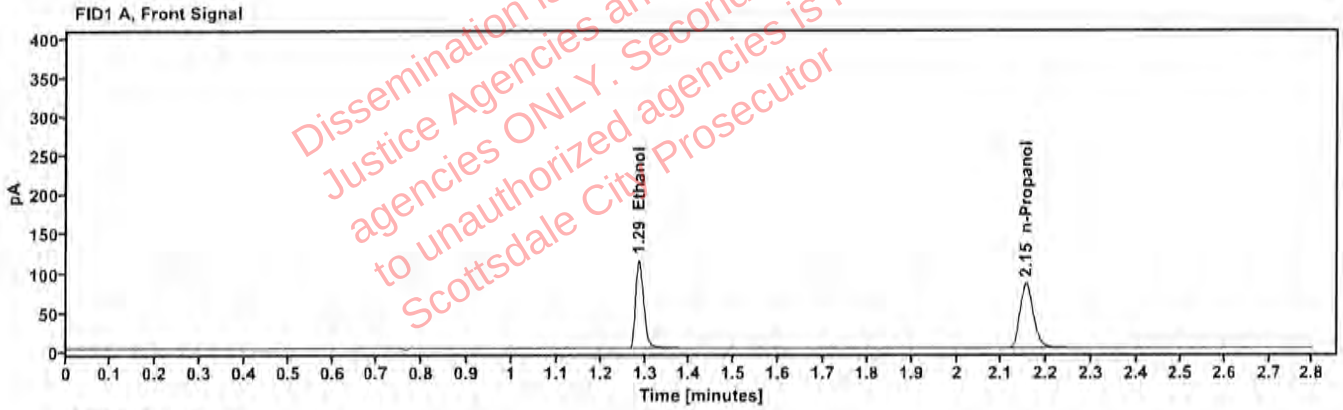

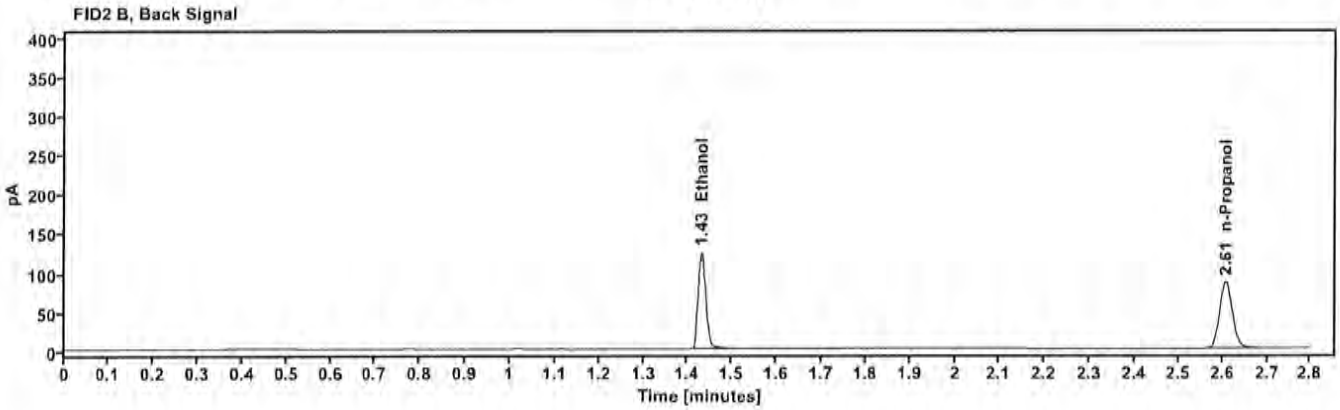

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2040	1.286	144.180
n-Propanol	——	2.153	171.529

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	149.037
n-Propanol	2.607	177.249

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	**Vial:**	20
Description:	0.100	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:36:47 PM
Data file:	C:\Chem32\1\Data\29Dec25\20.D	**Analyst:**	Canonico EC

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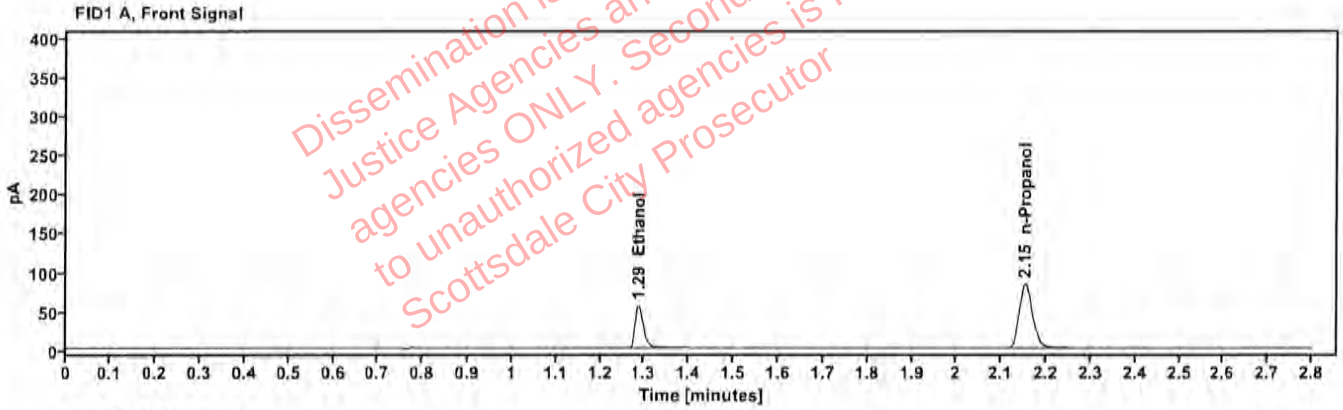

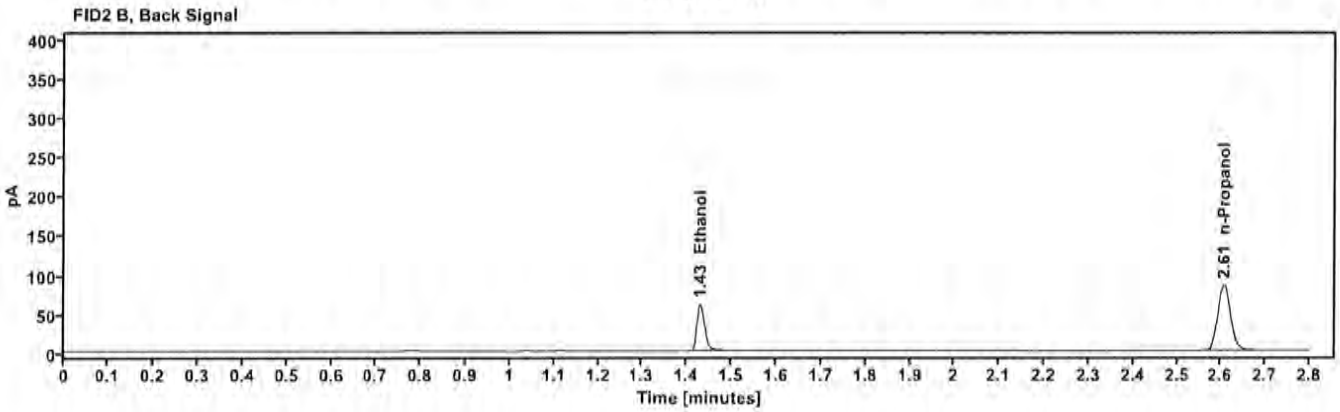

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1013	1.287	70.537
n-Propanol	----	2.153	170.408

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	72.810
n-Propanol	2.606	175.989

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	**Vial:**	31
Description:	0.203	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:20:59 PM
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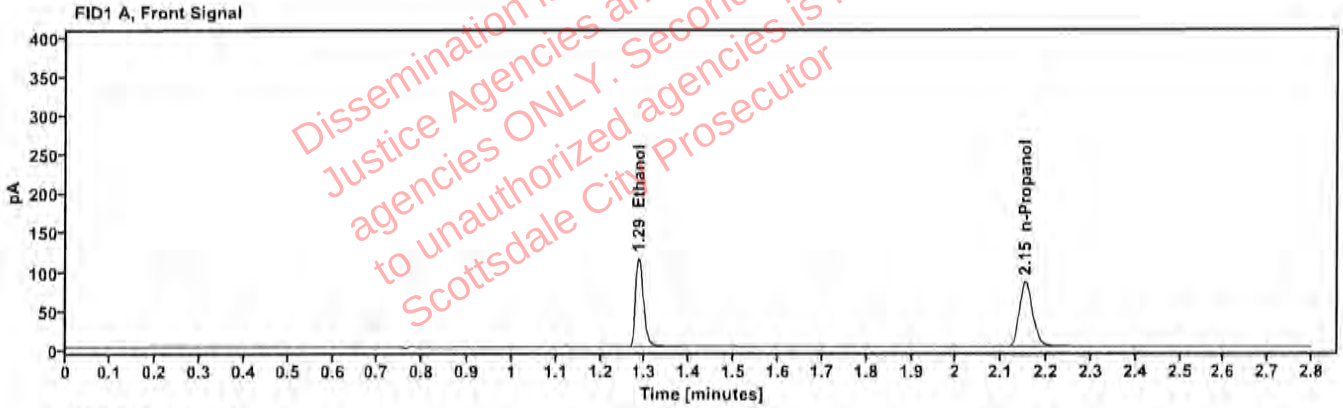

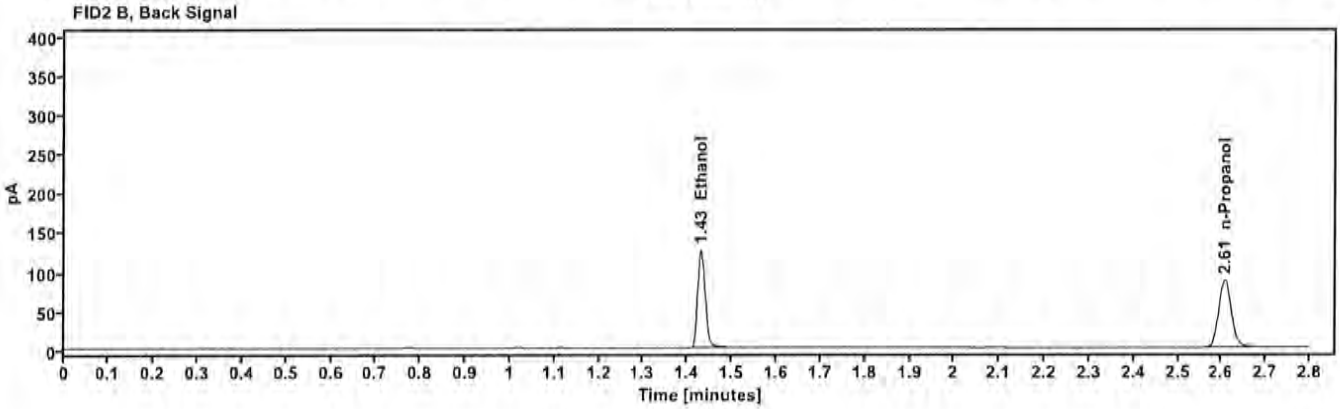

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2037	1.286	145.308
n-Propanol	——	2.153	173.170

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	151.092
n-Propanol	2.606	178.456

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	**Vial:**	42
Description:	0.100	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:03:59 PM
Data file:	C:\Chem32\1\Data\29Dec25\42.D	**Analyst:**	Canonico EQ

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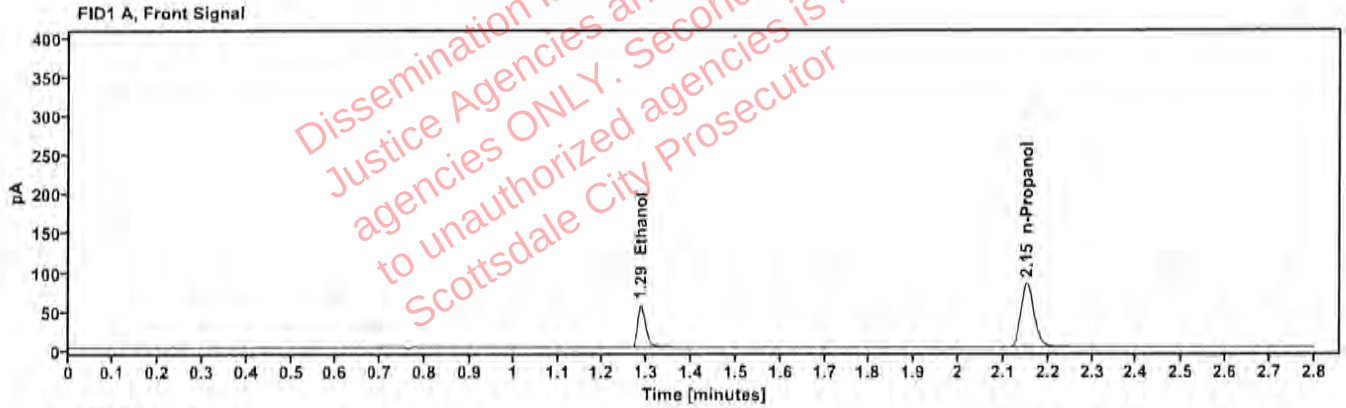

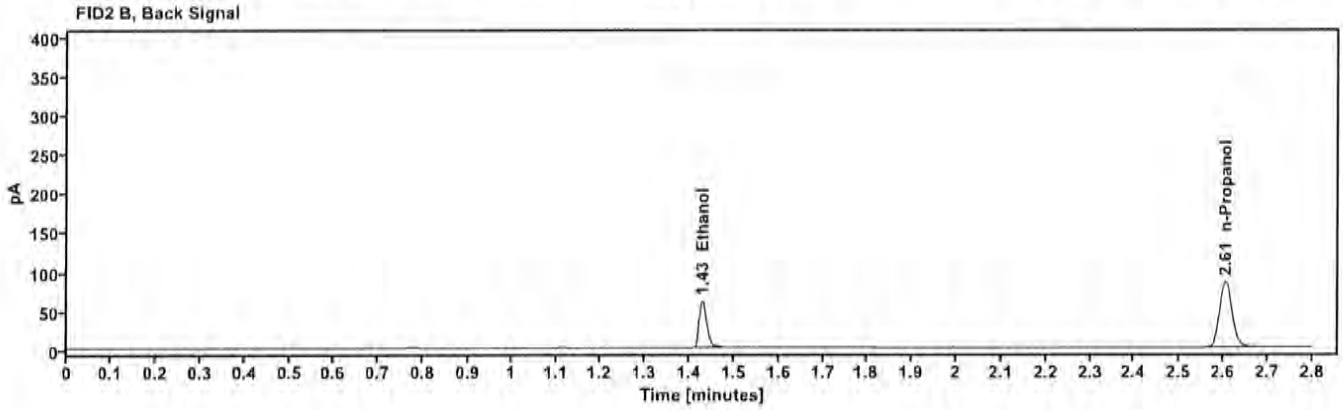

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1016	1.286	70.181
n-Propanol	——	2.152	169.009

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	72.071
n-Propanol	2.605	174.104

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	**Vial:**	53
Description:	0.400	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:48:11 PM
Data file:	C:\Chem32\1\Data\29Dec25\53.D	**Analyst:**	Canonico EC

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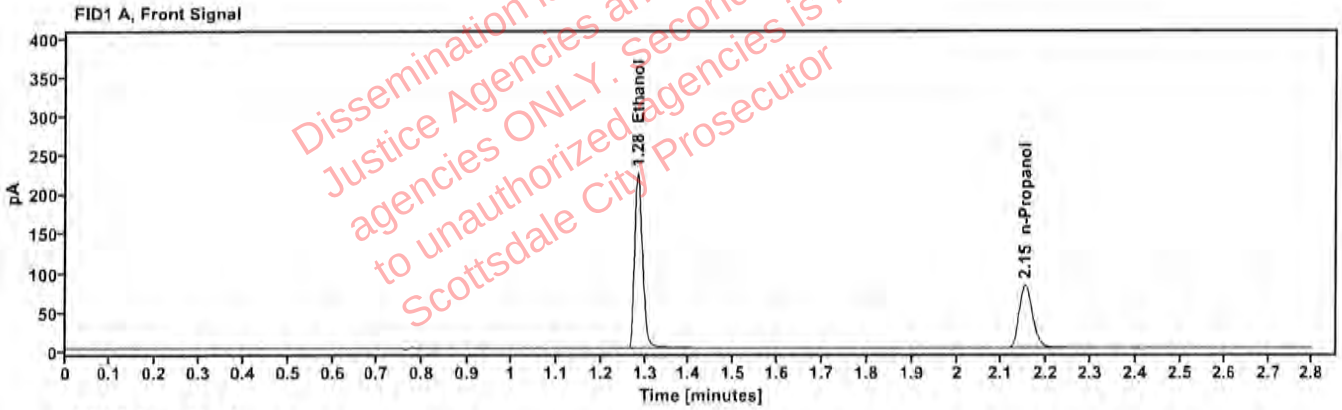

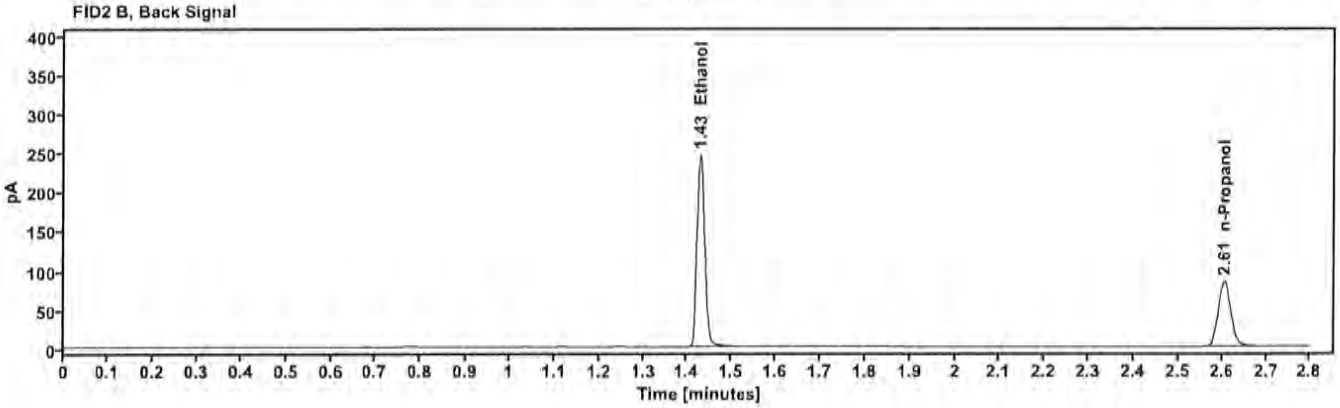

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.4076	1.284	283.509
n-Propanol	——	2.152	168.152

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.428	293.848
n-Propanol	2.605	173.005

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	**Vial:**	54
Description:	0.040	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:51:58 PM
Data file:	C:\Chem32\1\Data\29Dec25\54.D	**Analyst:**	Canonico EC

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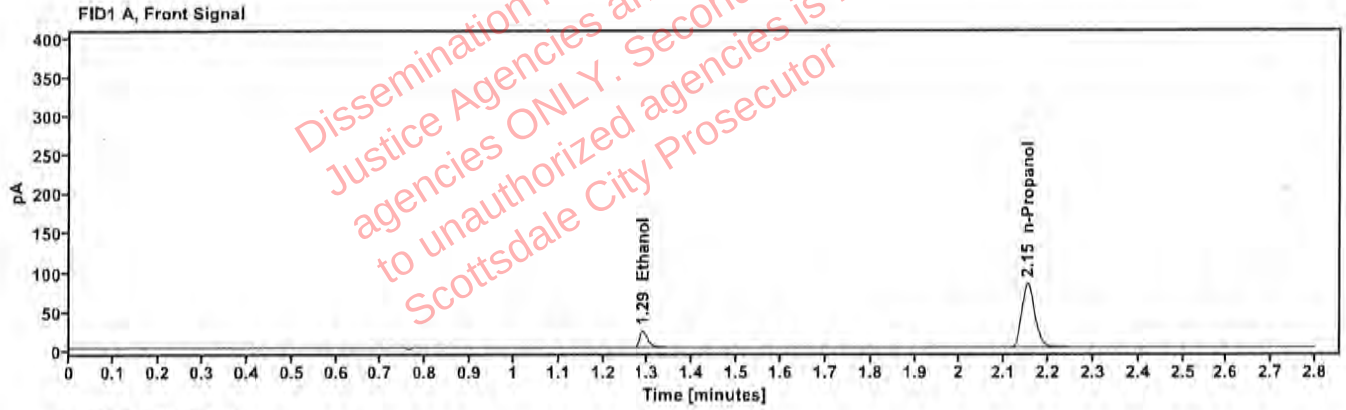

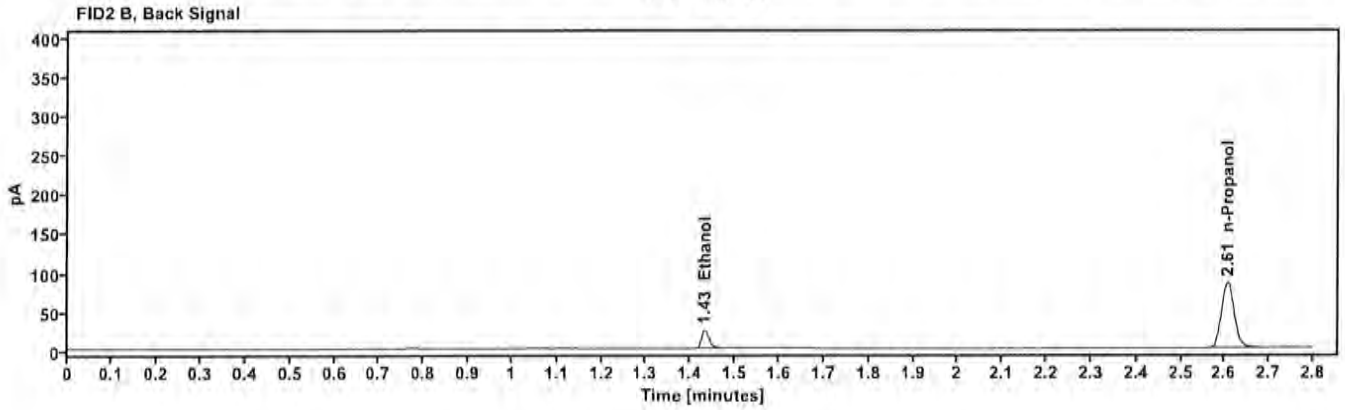

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0411	1.289	27.805
n-Propanol	——	2.153	169.318

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.432	28.723
n-Propanol	2.606	174.504

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	**Vial:**	55
Description:	0.203	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:56:58 PM
Data file:	C:\Chem32\1\Data\29Dec25\55.D	**Analyst:**	Canonico EC

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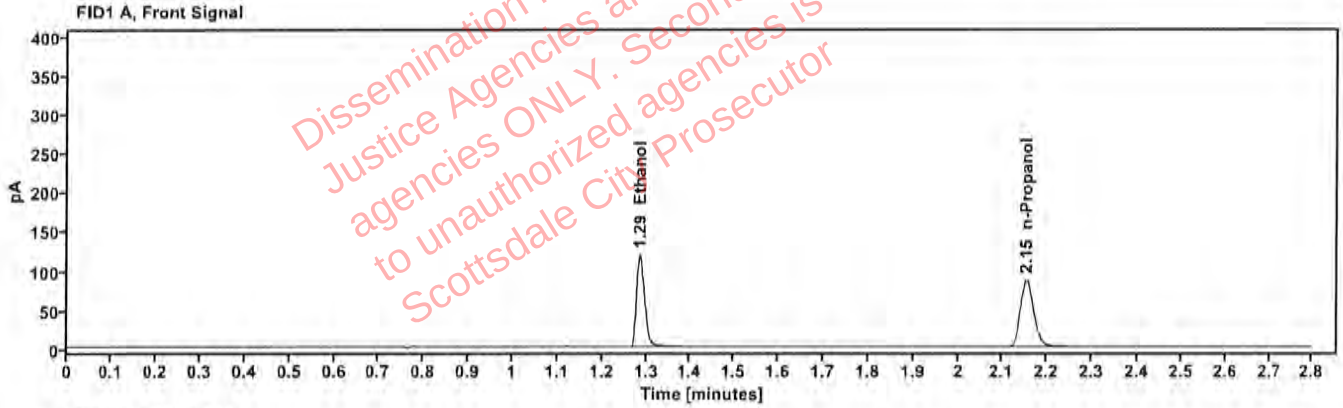

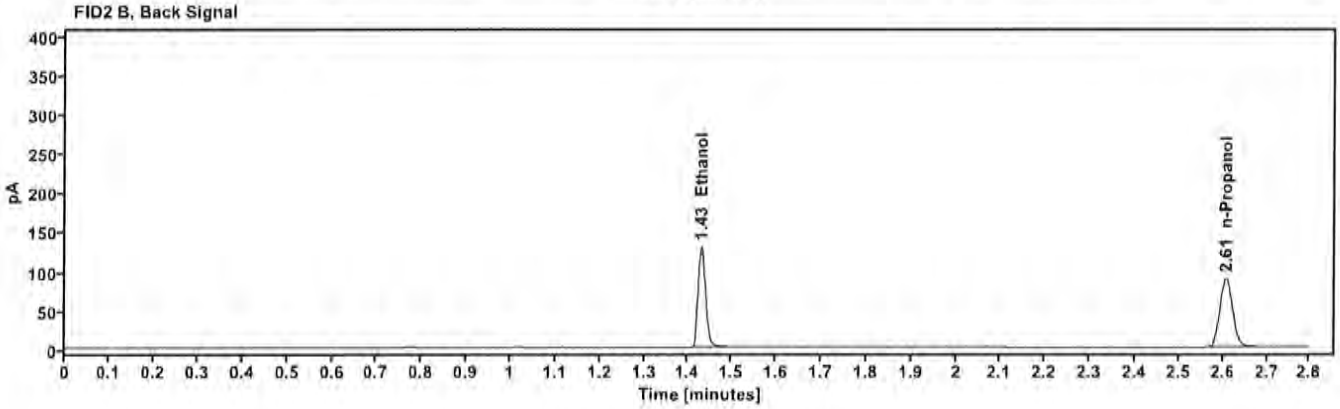

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2051	1.286	150.882
n-Propanol	-----	2.153	178.563

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	156.013
n-Propanol	2.607	183.950

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	102125AQ	**Vial:**	56
Description:	negative	**LIMS ID:**	
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 7:00:48 PM
Data file:	C:\Chem32\1\Data\29Dec25\56.D	**Analyst:**	Canonico

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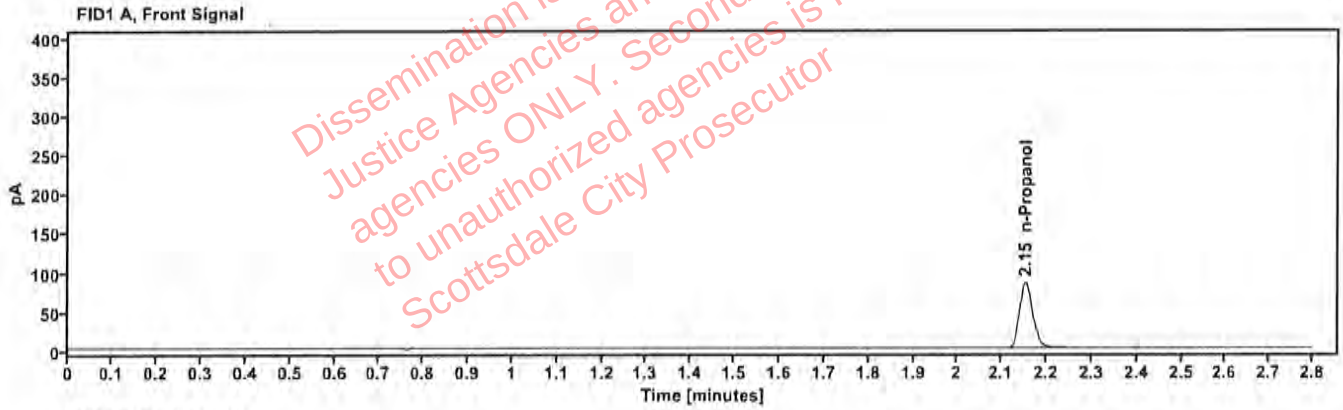

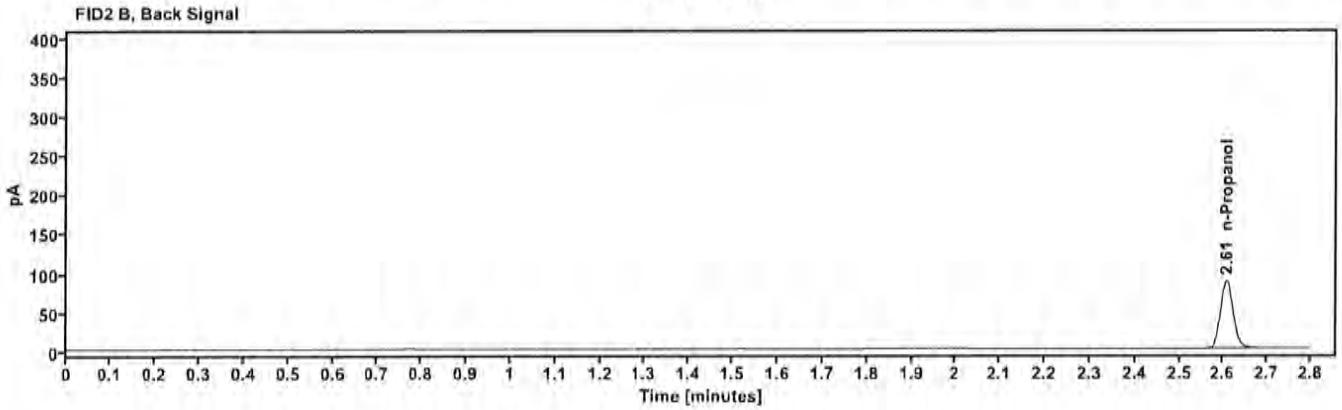

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.153	173.976

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.607	179.303

Sequence Summary

Sequence name: 29Dec25 **Instrument:** US2320A024 US23180007 **Analyst:** Canonico

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03062417	0.020 Calibrator	Calibration		ethanol quant.M
2	FN04042408	0.100 Calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 Calibrator	Calibration		ethanol quant.M
4	FN04092401	0.400 Calibrator	Calibration		ethanol quant.M
5	112224WB	negative	Control		ethanol quant.M
6	061225MIX	Volatile Mix	Control		ethanol quant.M
7	12052023-B	0.400	Control		ethanol quant.M
8	518018	0.040	Control		ethanol quant.M
9	4130622206/10	0.203	Control		ethanol quant.M
10	2522828-4	[redacted]	Sample	[redacted]	ethanol quant.M
11	2522828-4		Sample		ethanol quant.M
12	383-01D.N.		Sample		ethanol quant.M
13	383-01D.N.		Sample		ethanol quant.M
14	426-01A.W.		Sample		ethanol quant.M
15	426-01A.W.		Sample		ethanol quant.M
16	2515412-2		Sample		ethanol quant.M
17	2515412-2		Sample		ethanol quant.M
18	2524173-3		Sample		ethanol quant.M
19	2524173-3		Sample		ethanol quant.M
20	C1455120	0.100	Control		ethanol quant.M
21	2522920-4	[redacted]	Sample	[redacted]	ethanol quant.M
22	2522920-4		Sample		ethanol quant.M
23	2524516-2		Sample		ethanol quant.M
24	2524516-2		Sample		ethanol quant.M
25	2420624-2		Sample		ethanol quant.M
26	2420624-2		Sample		ethanol quant.M
27	2524172-2		Sample		ethanol quant.M
28	2524172-2		Sample		ethanol quant.M
29	2524245-1		Sample		ethanol quant.M
30	2524245-1		Sample		ethanol quant.M
31	4130622206/10	0.203	Control		ethanol quant.M
32	2524238-1	[redacted]	Sample	[redacted]	ethanol quant.M
33	2524238-1		Sample		ethanol quant.M
34	2524269-2		Sample		ethanol quant.M
35	2524269-2		Sample		ethanol quant.M
36	2524243-1		Sample		ethanol quant.M
37	2524243-1		Sample		ethanol quant.M
38	2524179-2		Sample		ethanol quant.M
39	2524179-2		Sample		ethanol quant.M
40	2524266-2		Sample		ethanol quant.M
41	2524266-2		Sample		ethanol quant.M
42	C1455120	0.100	Control		ethanol quant.M
43	2524349-1	[redacted]	Sample	[redacted]	ethanol quant.M
44	2524349-1		Sample		ethanol quant.M
45	2524391-1		Sample		ethanol quant.M
46	2524391-1		Sample		ethanol quant.M
47	2524170-1		Sample		ethanol quant.M

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Sequence Summary

48	2524170-1	[redacted]	Sample	[redacted]	ethanol quant.M
49	2525435-1		Sample		ethanol quant.M
50	2525435-1		Sample		ethanol quant.M
51	2514091-2		Sample		ethanol quant.M
52	2514091-2		Sample		ethanol quant.M
53	12052023-B	0.400	Control		ethanol quant.M
54	518018	0.040	Control		ethanol quant.M
55	4130622206/10	0.203	Control		ethanol quant.M
56	102125AQ	negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory
Summary of Cases

SEQUENCE NAME: 29Dec25 **ANALYST: Canonico** EQ

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference(g/dL)*
10 11	0.1960	0.1952	0.19560	0.20	0.00040
12 13	0.1868	0.1876	0.18720	0.21	0.00040
14 15	0.2183	0.2196	0.21895	0.30	0.00065
16 17	0.1202	0.1204	0.12030	0.08	0.00010
18 19	0.1939	0.1950	0.19445	0.28	0.00055
21 22	0.0798	0.0802	0.08000	0.25	0.00020
23 24	0.1690	0.1707	0.16985	0.50	0.00085
25 26	0.0000	0.0000	0.00000	0.00	0.00000
27 28	0.0921	0.0919	0.09200	0.11	0.00010
29 30	0.1204	0.1210	0.12070	0.25	0.00030
32 33	0.3130	0.3124	0.31270	0.10	0.00030
34 35	0.3166	0.3180	0.31730	0.22	0.00070
36 37	0.1413	0.1418	0.14155	0.18	0.00025
38 39	0.2280	0.2285	0.22825	0.11	0.00025
40 41	0.0971	0.0978	0.09745	0.36	0.00035
43 44	0.1823	0.1826	0.18245	0.08	0.00015
45 46	0.1927	0.1922	0.19245	0.13	0.00025
47 48	0.0738	0.0733	0.07355	0.34	0.00025
49 50	0.2499	0.2491	0.24950	0.16	0.00040
51 52	0.1191	0.1192	0.11915	0.04	0.00005

*Calculated differences are differences from the mean of the two results.

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Scottsdale Forensic Lab
Blood Alcohol Pipetting Log

ANALYST: Canonico EC **SEQUENCE:** 29Dec25

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	2522828-4	2522828-4	2522828-4	Yes
Vials 12 and 13	383-01D.N.	383-01D.N.	383-01D.N.	Yes
Vials 14 and 15	426-01A.W.	426-01A.W.	426-01A.W.	Yes
Vials 16 and 17	2515412-2	2515412-2	2515412-2	Yes
Vials 18 and 19	2524173-3	2524173-3	2524173-3	Yes
Vials 21 and 22	2522920-4	2522920-4	2522920-4	Yes
Vials 23 and 24	2524516-2	2524516-2	2524516-2	Yes
Vials 25 and 26	2420624-2	2420624-2	2420624-2	Yes
Vials 27 and 28	2524172-2	2524172-2	2524172-2	Yes
Vials 29 and 30	2524245-1	2524245-1	2524245-1	Yes
Vials 32 and 33	2524238-1	2524238-1	2524238-1	Yes
Vials 34 and 35	2524269-2	2524269-2	2524269-2	Yes
Vials 36 and 37	2524243-1	2524243-1	2524243-1	Yes
Vials 38 and 39	2524179-2	2524179-2	2524179-2	Yes
Vials 40 and 41	2524266-2	2524266-2	2524266-2	Yes
Vials 43 and 44	2524349-1	2524349-1	2524349-1	Yes
Vials 45 and 46	2524391-1	2524391-1	2524391-1	Yes
Vials 47 and 48	2524170-1	2524170-1	2524170-1	Yes
Vials 49 and 50	2525435-1	2525435-1	2525435-1	Yes
Vials 51 and 52	2514091-2	2514091-2	2514091-2	Yes

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[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2522828-4	**Vial:**	10
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 3:56:23 PM
Data file:	C:\Chem32\1\Data\29Dec25\10.D	**Analyst:**	Canonico

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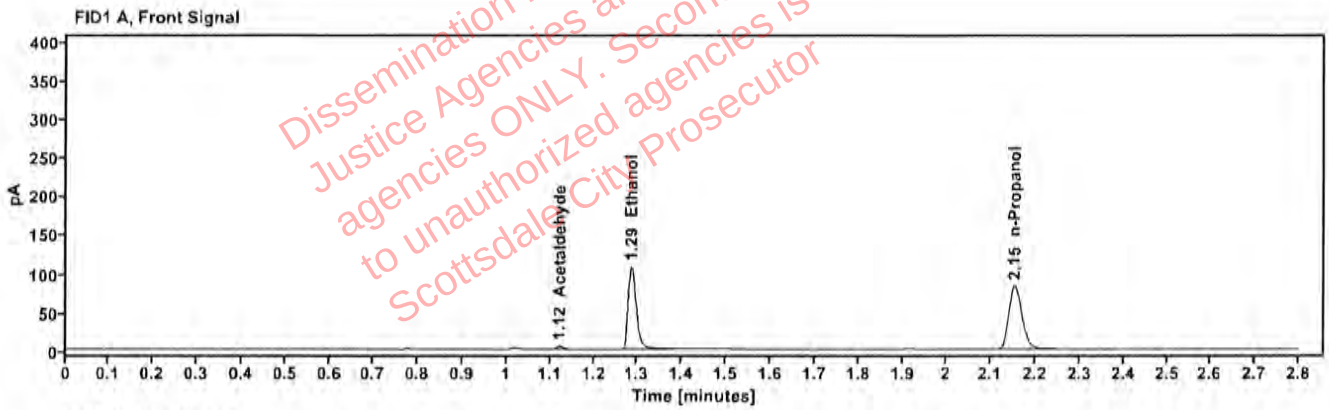

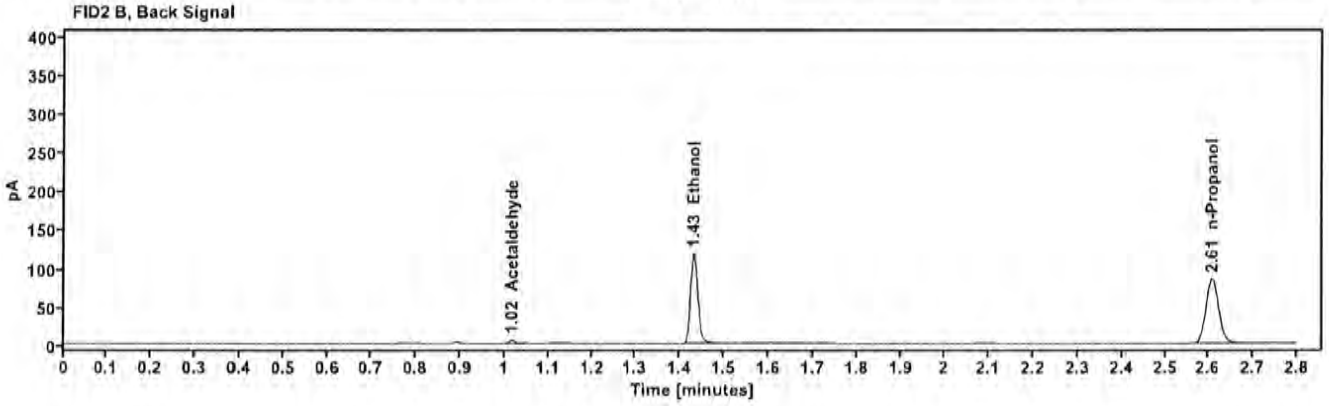

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	----	1.122	4,096
quantified Ethanol	0.1960	1.286	136,618
n-Propanol	----	2.153	169,220

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	4,343
Ethanol	1.430	141,117
n-Propanol	2.607	174,418

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2522828-4	**Vial:**	11
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:00:11 PM
Data file:	C:\Chem32\1\Data\29Dec25\11.D	**Analyst:**	Canonico

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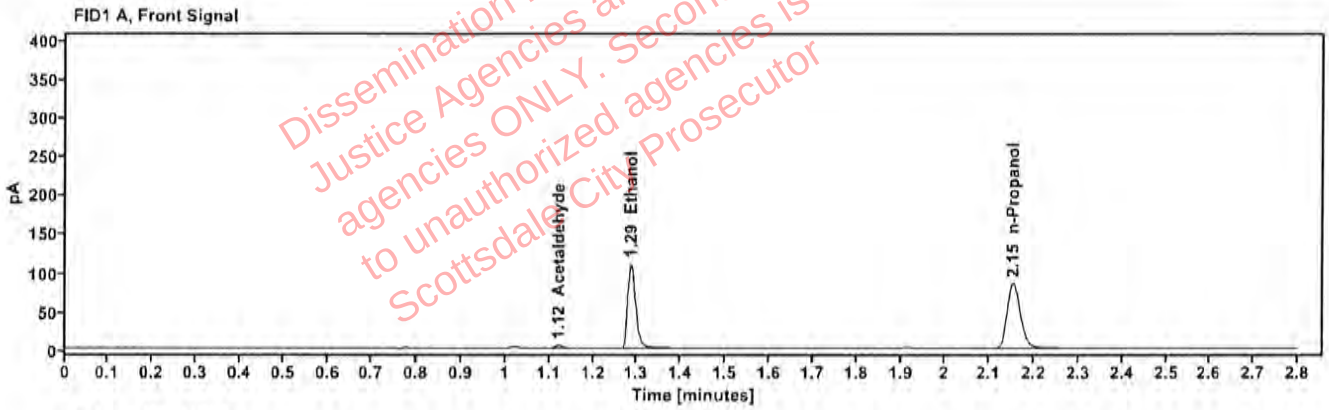

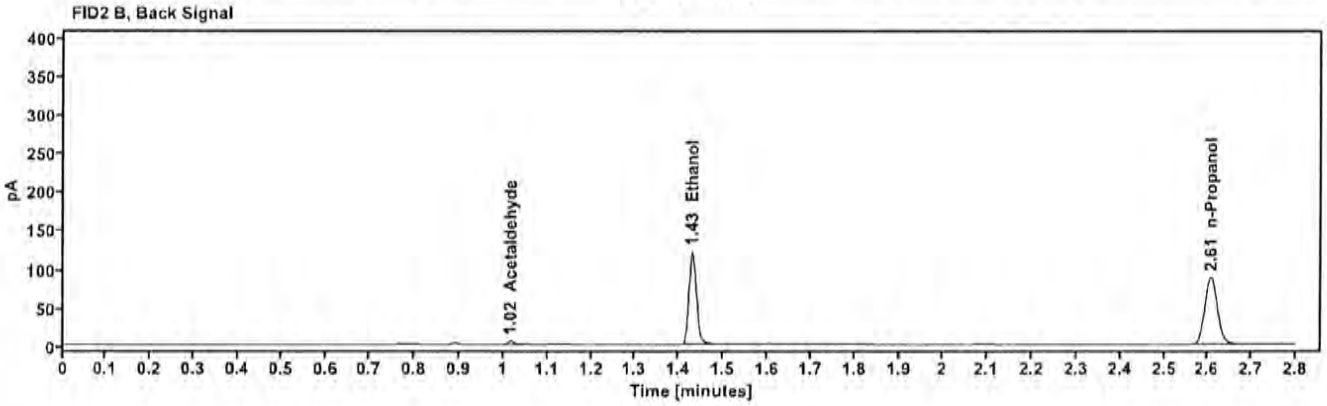

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	----	1.122	4.254
quantified Ethanol	0.1952	1.286	140.128
n-Propanol	----	2.153	174.295

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	4.507
Ethanol	1.429	144.501
n-Propanol	2.606	179.725

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01D.N.	**Vial:**	12
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:03:58 PM
Data file:	C:\Chem32\1\Data\29Dec25\12.D	**Analyst:**	Canonico

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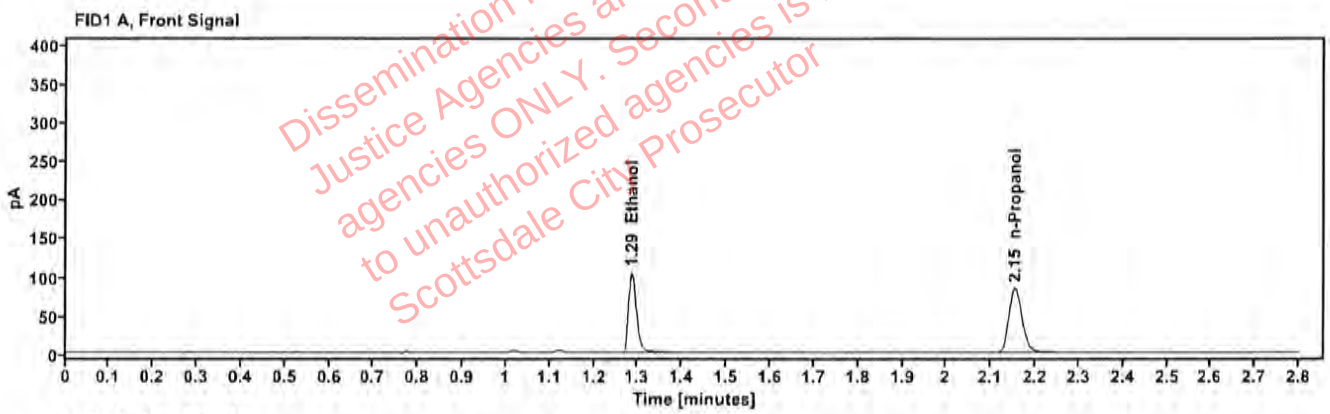

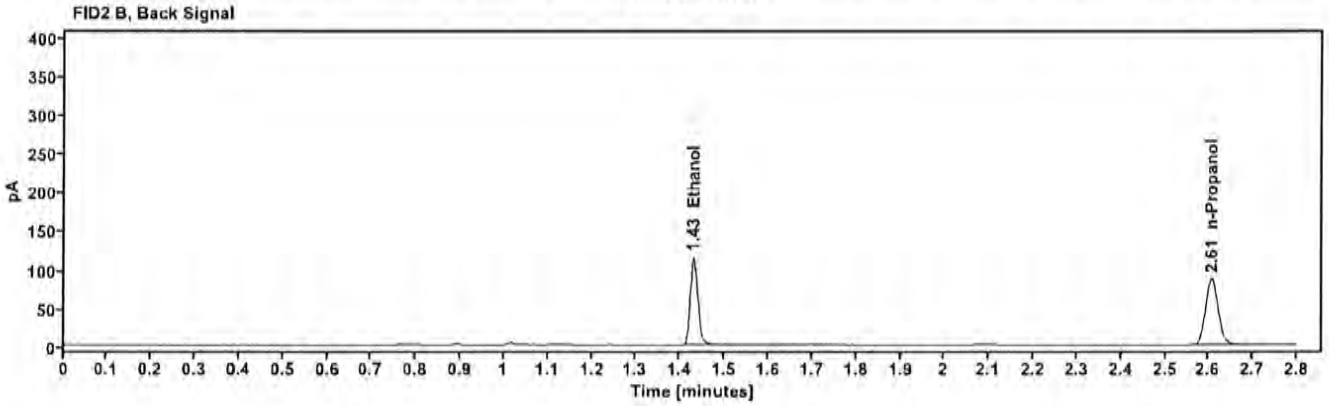

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1868	1.286	132.699
n-Propanol	----	2.153	172.553

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	136.915
n-Propanol	2.606	178.033

[redacted] Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01D N	**Vial:**	13
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:08:59 PM
Data file:	C:\Chem32\1\Data\29Dec25\13.D	**Analyst:**	Canonico

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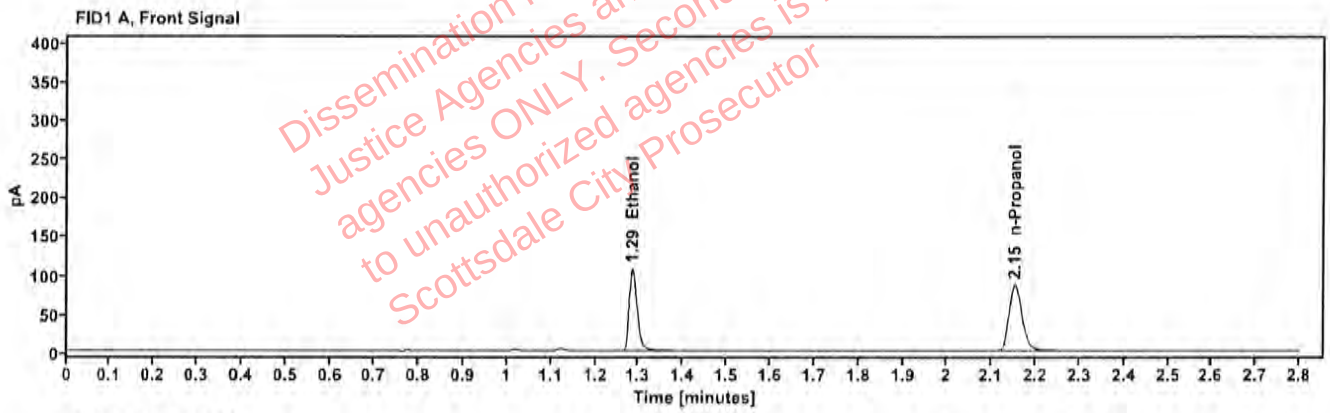

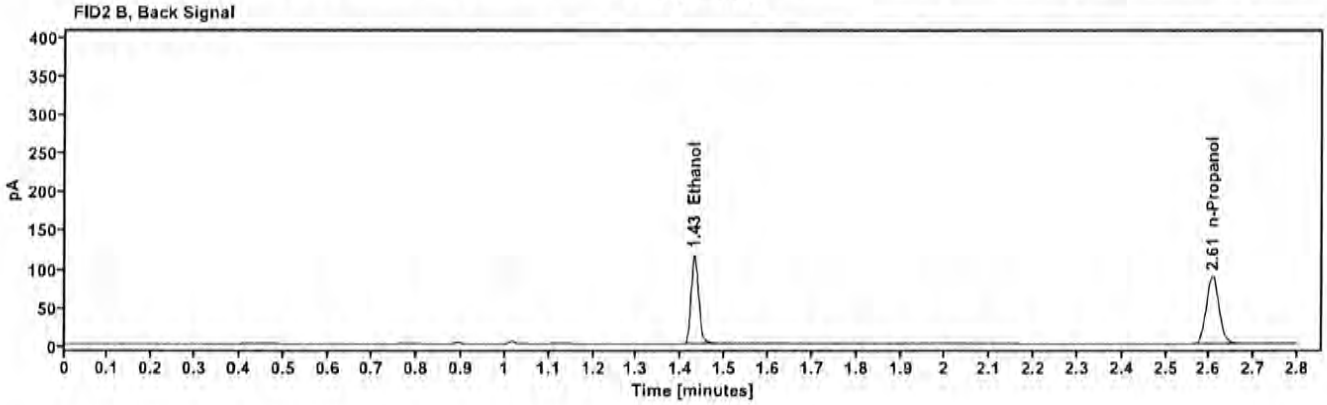

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1876	1.285	135.415
n-Propanol	-----	2.152	175.299

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	139.665
n-Propanol	2.606	180.667

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	426-01A.W.	**Vial:**	15
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:16:35 PM
Data file:	C:\Chem32\1\Data\29Dec25\15.D	**Analyst:**	Canonico

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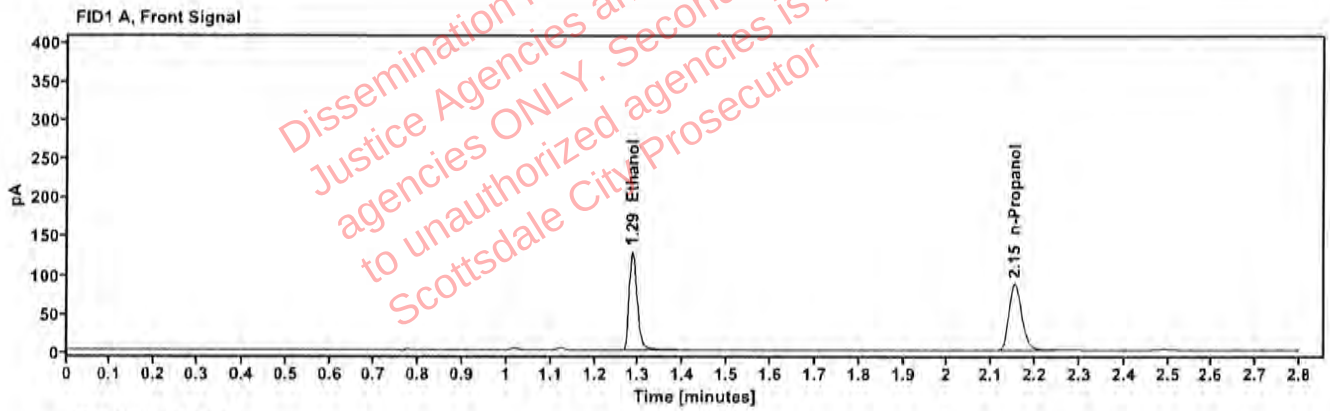

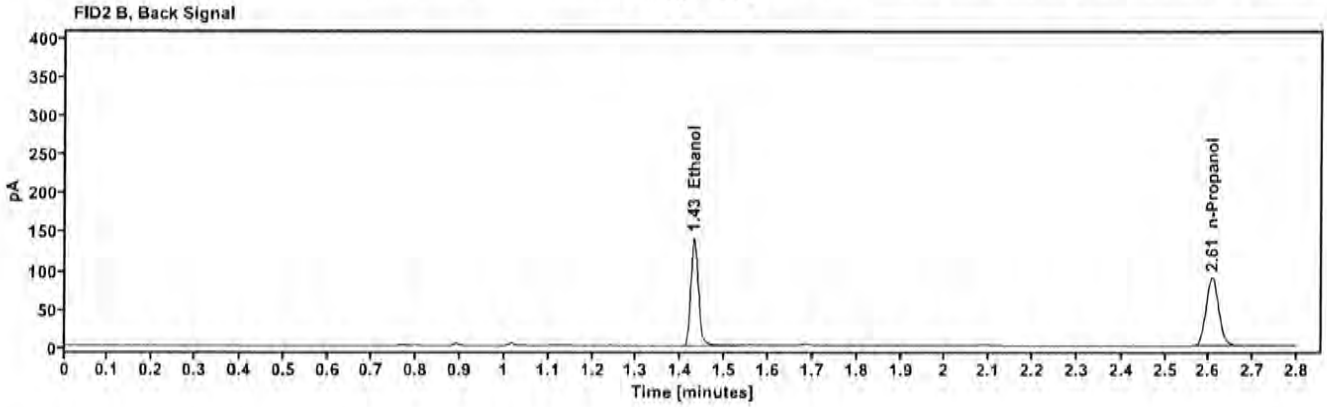

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2196	1.285	162.232
n-Propanol	----	2.153	179.210

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	169.943
n-Propanol	2.607	183.742

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	426-01A.W.	**Vial:**	14
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:12:46 PM
Data file:	C:\Chem32\1\Data\29Dec25\14.D	**Analyst:**	Canonico

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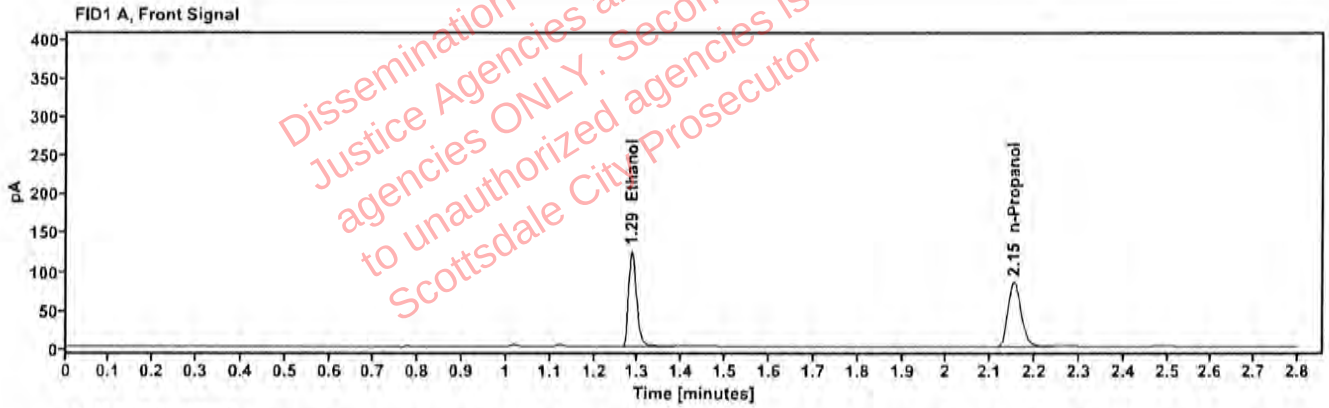

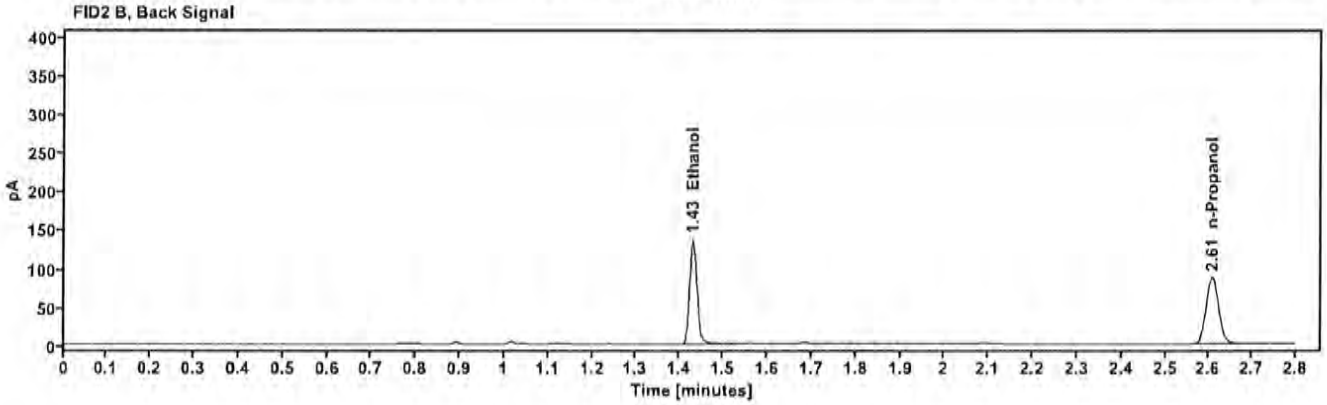

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2183	1.285	157.055
n-Propanol	-----	2.153	174.569

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	164.749
n-Propanol	2.607	179.166

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515412-2	**Vial:**	16
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:20:23 PM
Data file:	C:\Chem32\1\Data\29Dec25\16.D	**Analyst:**	Canonico

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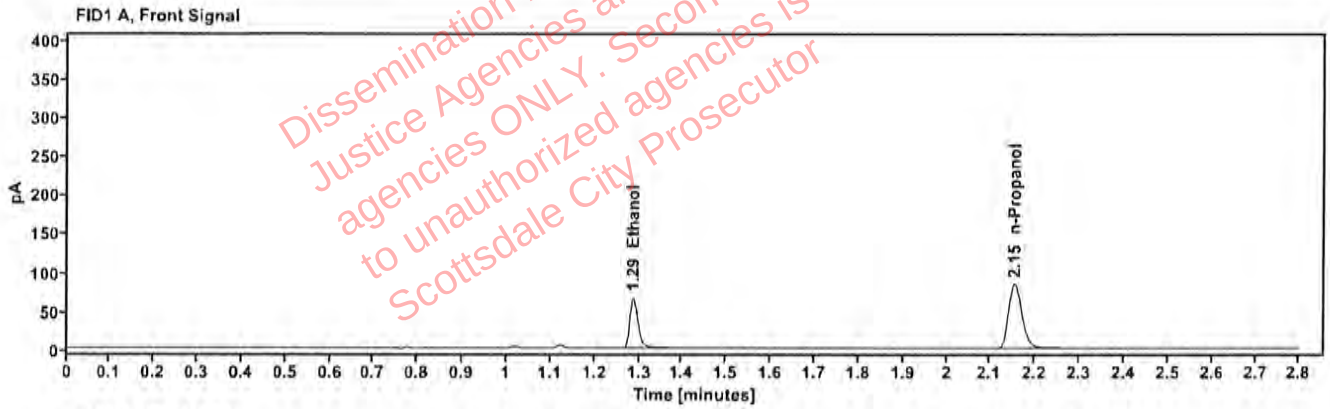

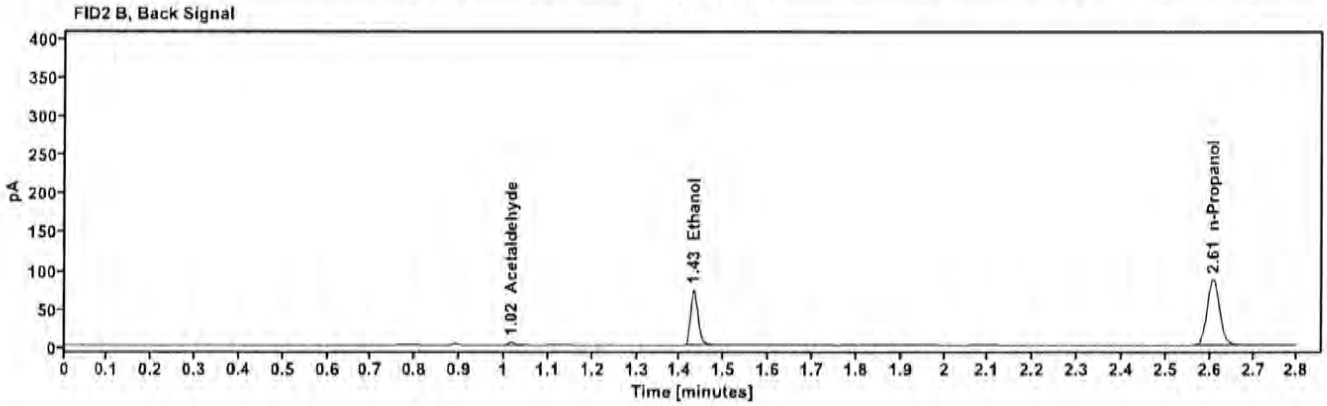

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1202	1.287	84.551
n-Propanol	-----	2.153	171.727

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	3.836
Ethanol	1.431	87.207
n-Propanol	2.607	177.744

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515412-2	**Vial:**	17
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:24:10 PM
Data file:	C:\Chem32\1\Data\29Dec25\17.D	**Analyst:**	Canonico

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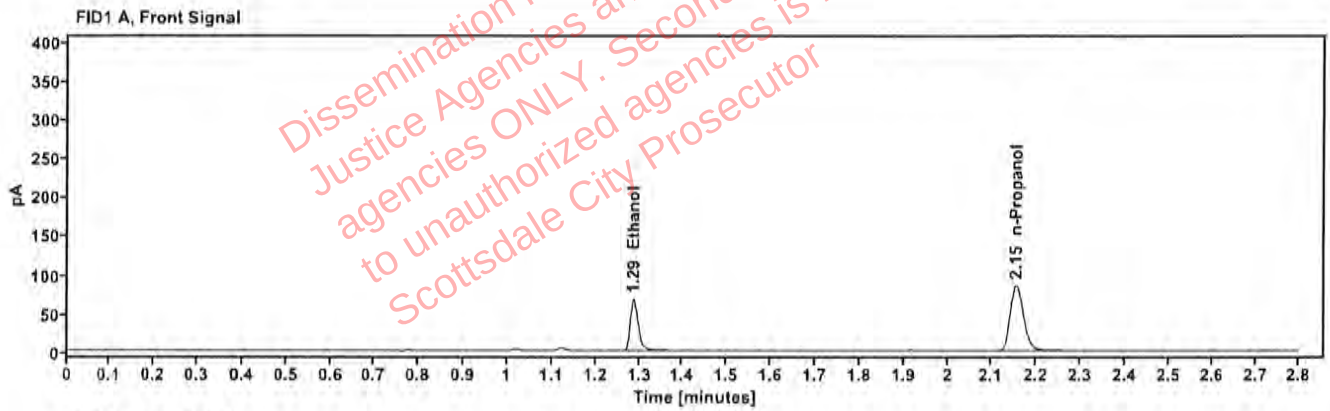

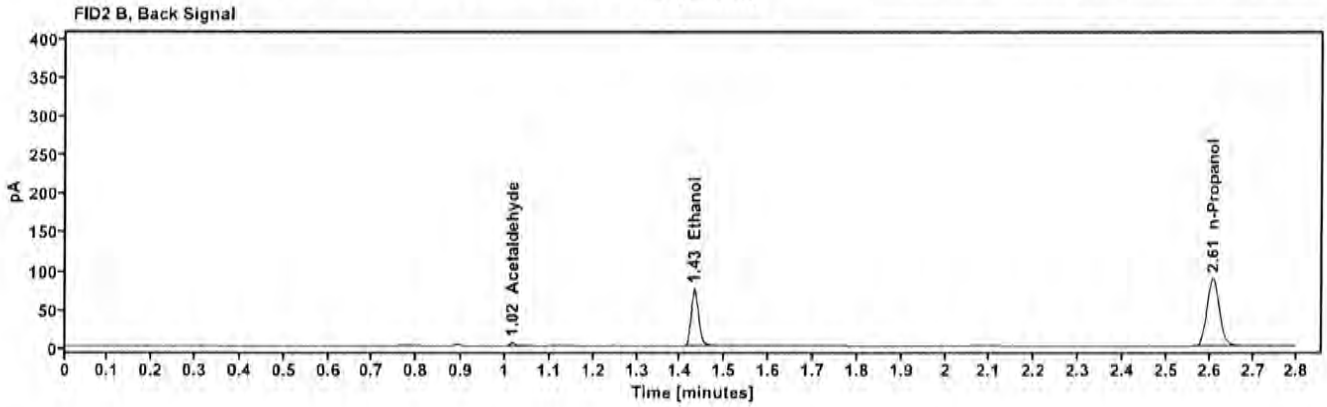

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1204	1.287	86.084
n-Propanol	-----	2.153	174.545

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	3.867
Ethanol	1.431	88.722
n-Propanol	2.607	180.694

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524173-3	**Vial:**	18
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:27:59 PM
Data file:	C:\Chem32\1\Data\29Dec25\18.D	**Analyst:**	Canonico

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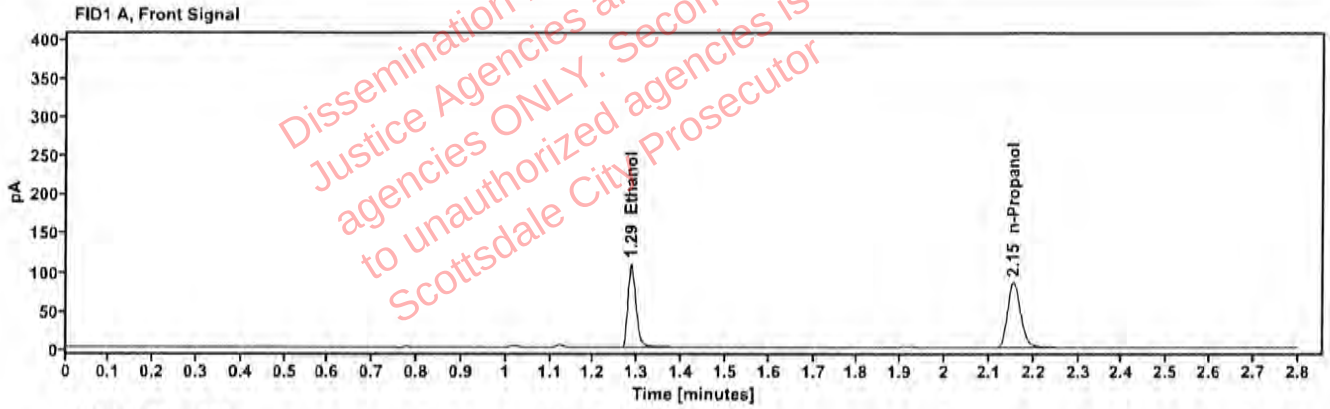

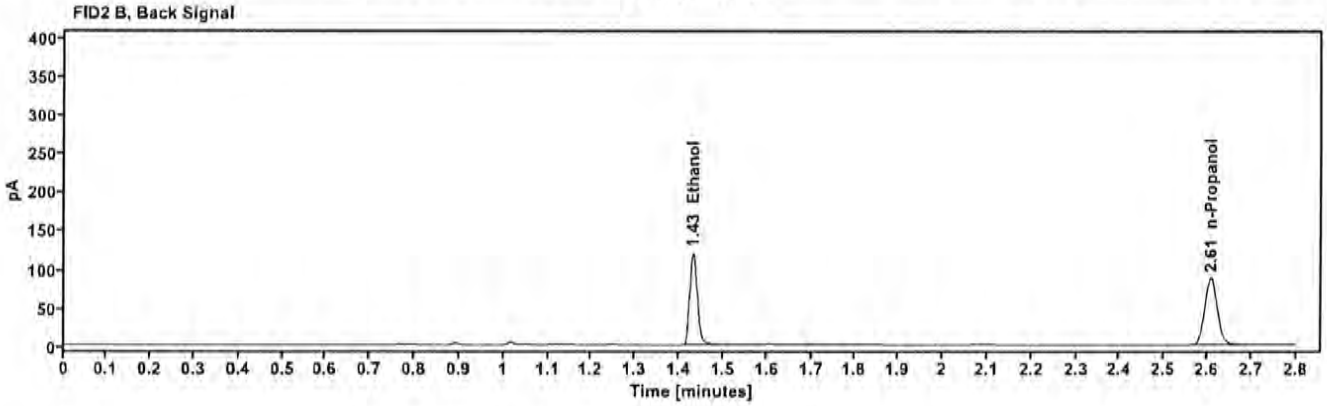

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1939	1.286	138.265
n-Propanol	----	2.154	173.118

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.431	143.427
n-Propanol	2.608	178.423

[redacted] Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524173-3	**Vial:**	19
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:32:59 PM
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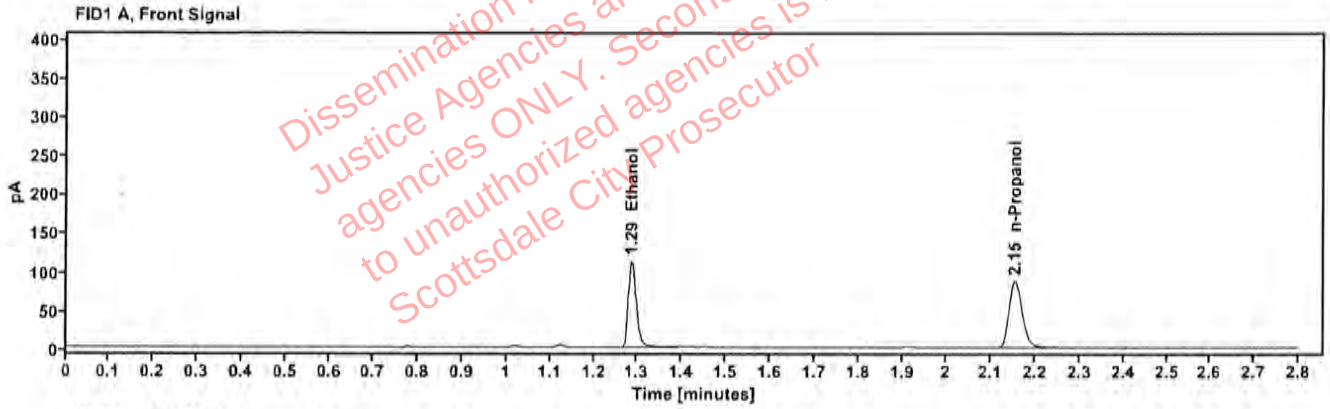

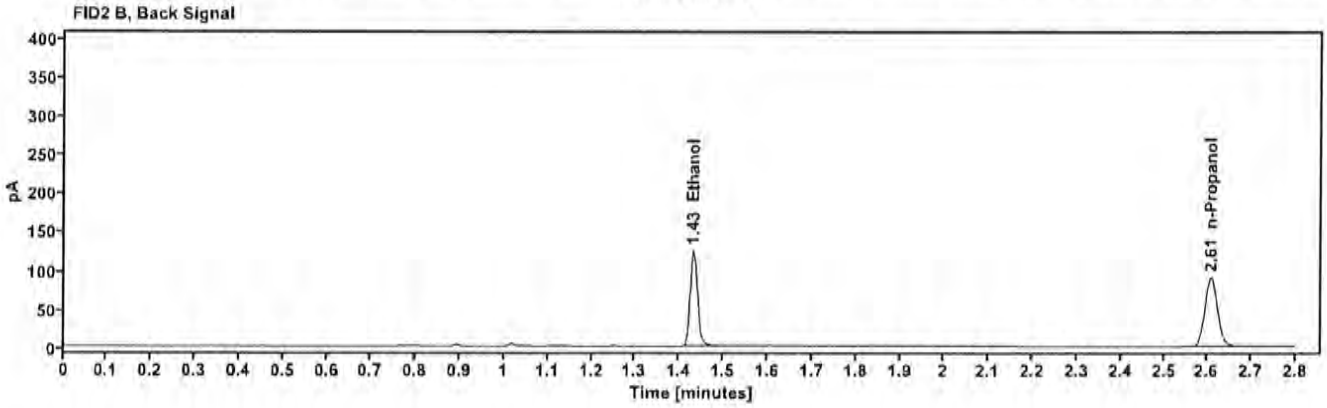

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1950	1.286	143.685
n-Propanol	-----	2.154	178.920

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.431	149.111
n-Propanol	2.608	184.375

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2522920-4	**Vial:**	21
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:40:35 PM
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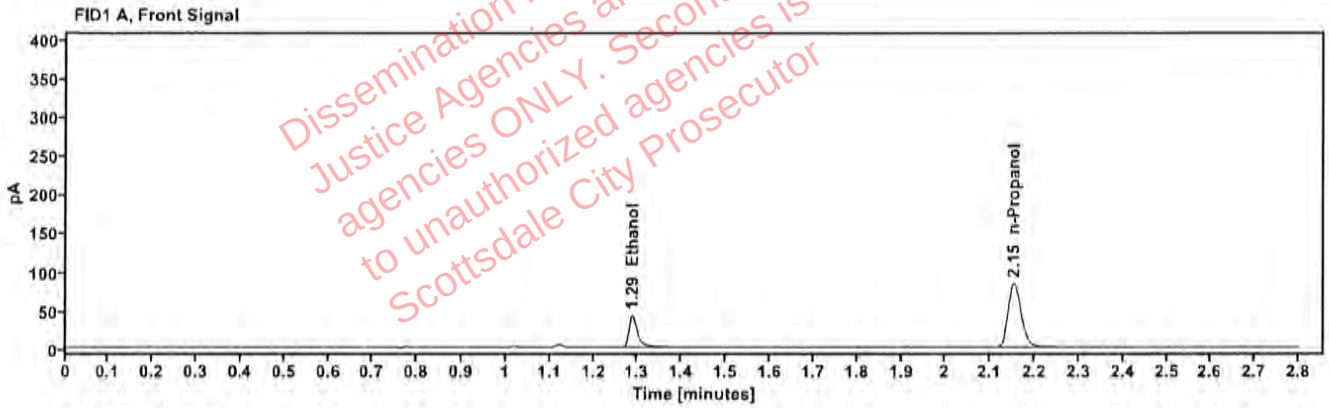

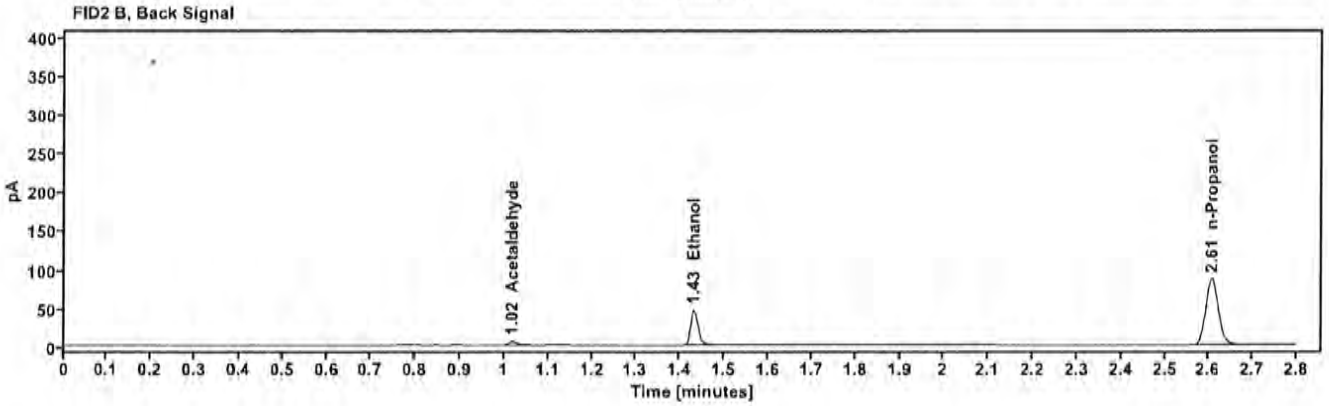

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0798	1.288	55.814
n-Propanol	——	2.153	171.912

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.018	6.216
Ethanol	1.431	55.314
n-Propanol	2.607	177.318

[redacted] Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2522920-4	**Vial:**	22
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:44:22 PM
Data file:	C:\Chem32\1\Data\29Dec25\22.D	**Analyst:**	Canonico

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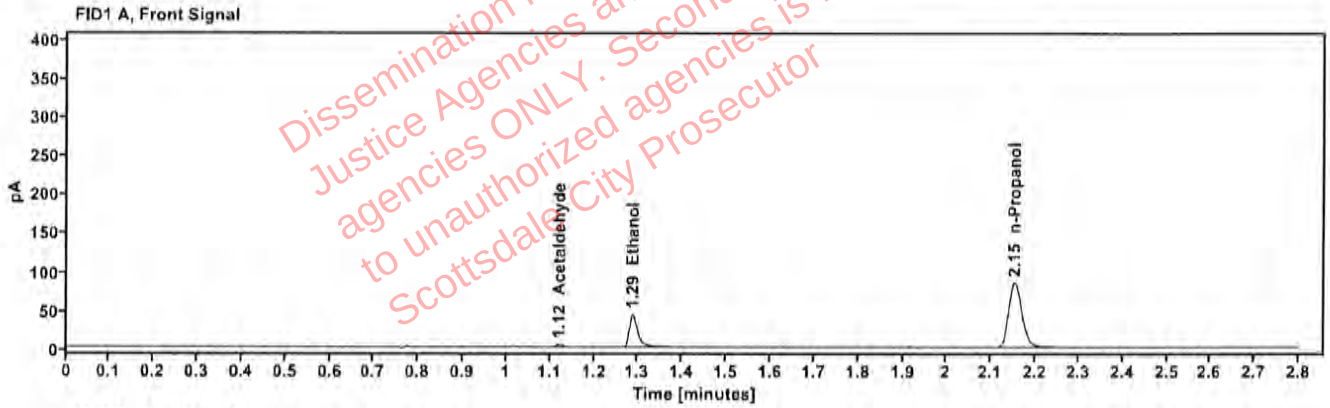

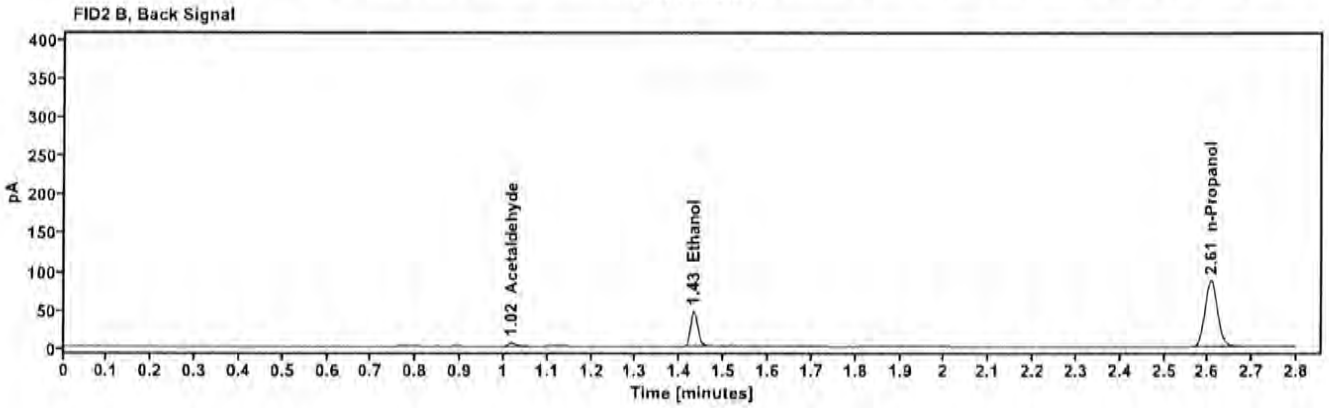

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	----	1.122	3.766
quantified Ethanol	0.0802	1.287	56.529
n-Propanol	----	2.153	173.128

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.018	6.172
Ethanol	1.431	55.983
n-Propanol	2.606	178.580

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524516-2	**Vial:**	23
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:48:10 PM
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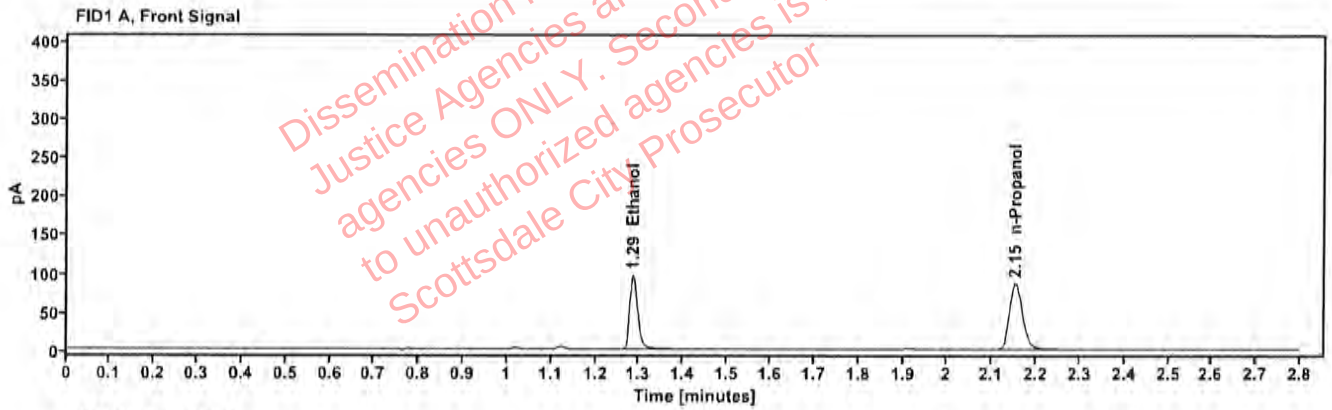

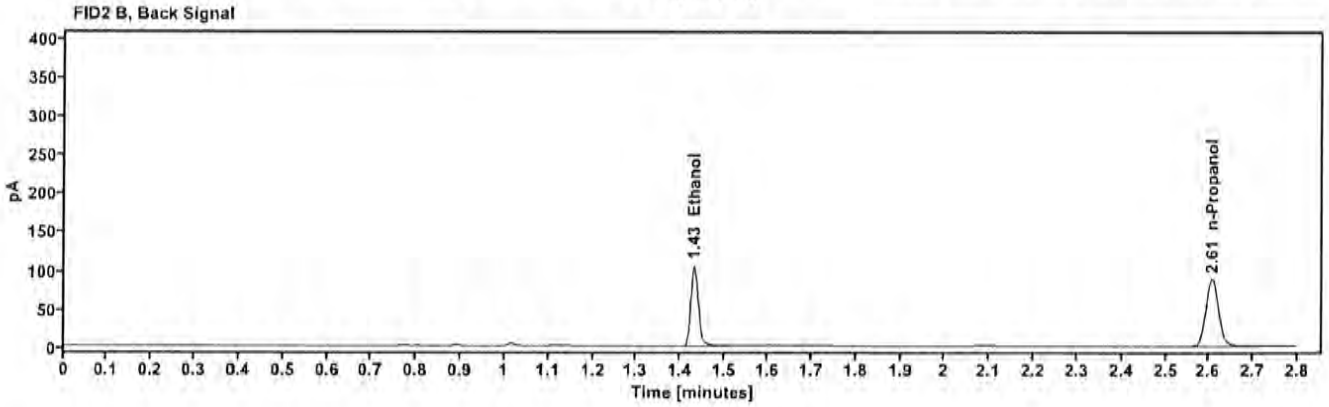

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1690	1.286	122.007
n-Propanol	-----	2.152	175.498

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	125.738
n-Propanol	2.606	180.923

[redacted] Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524516-2	**Vial:**	24
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:51:59 PM
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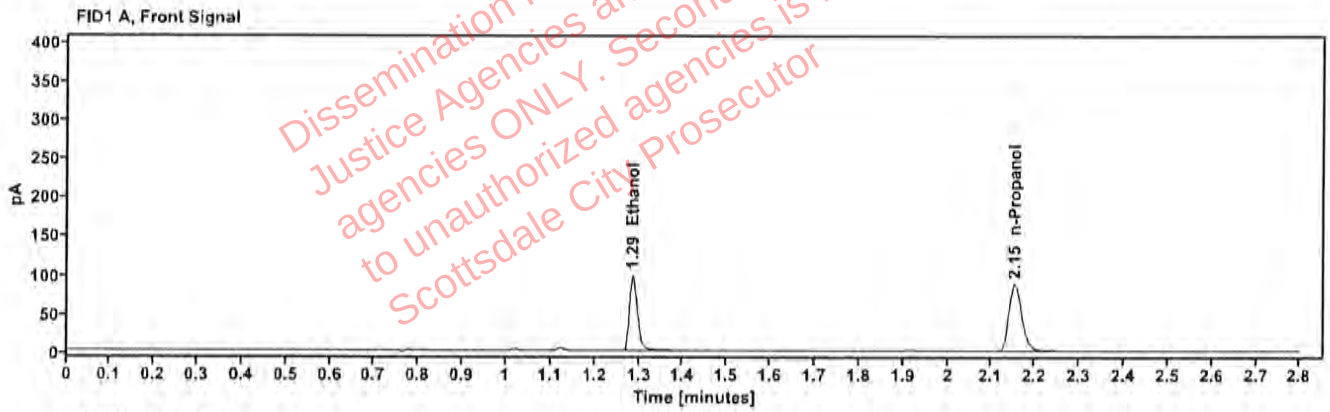

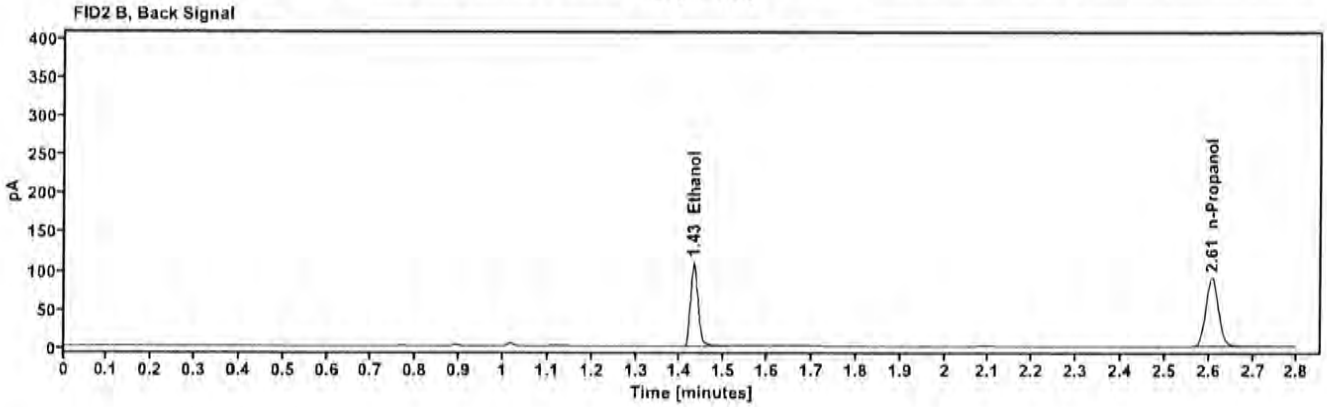

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1707	1.286	124.993
n-Propanol	-----	2.153	178.009

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	128.697
n-Propanol	2.606	183.420

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420624-2	**Vial:**	25
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 4:56:59 PM
Data file:	C:\Chem32\1\Data\29Dec25\25.D	**Analyst:**	Canonico

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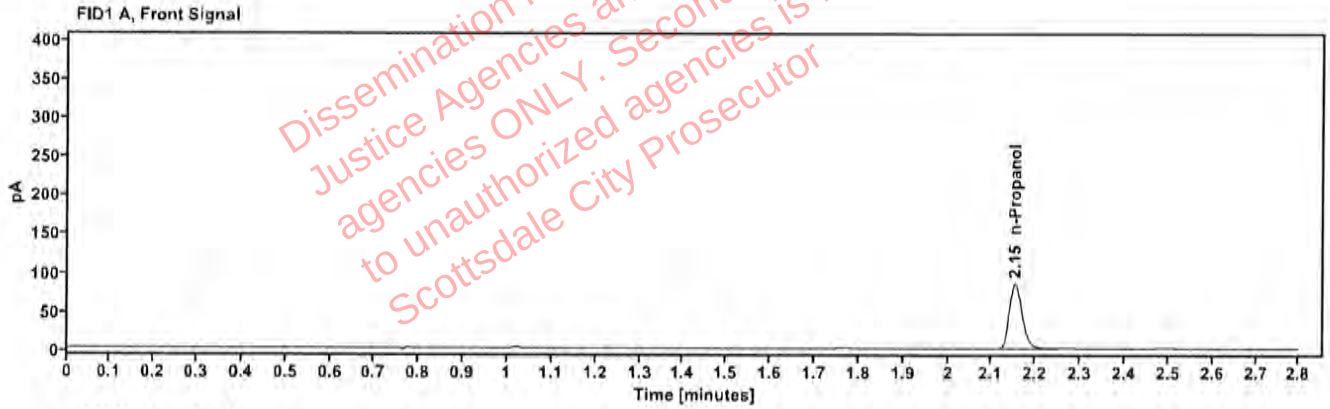

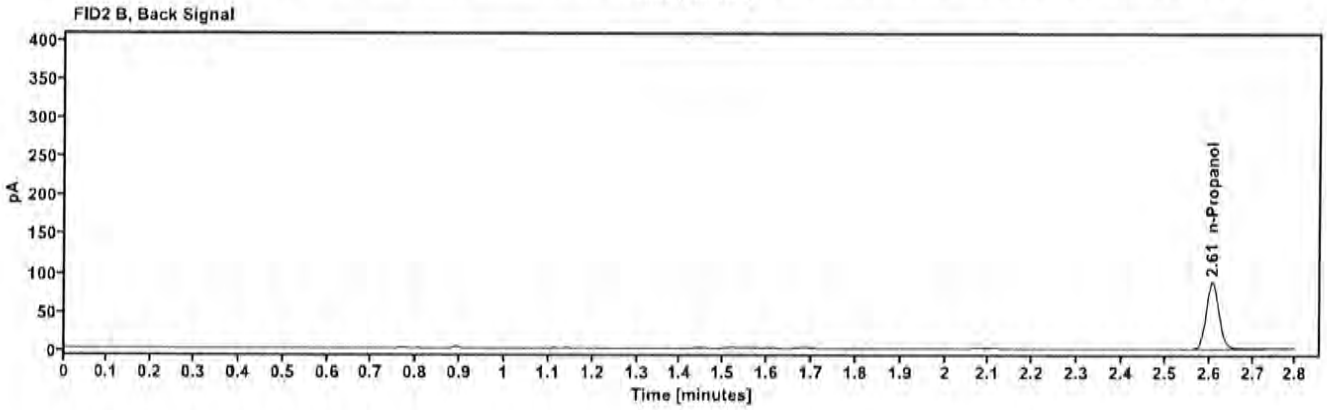

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.153	172.099

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.607	179.078

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2420624-2	**Vial:**	26
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:00:47 PM
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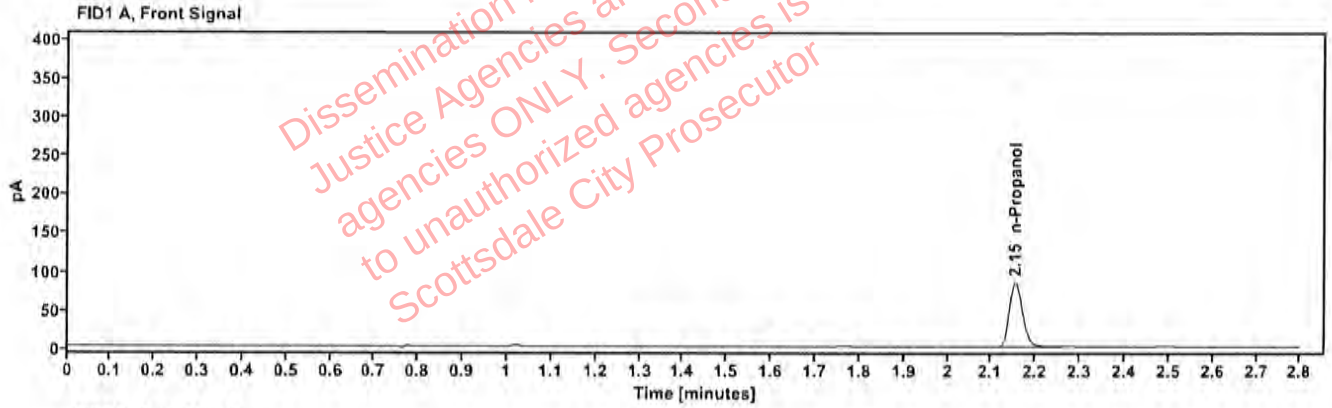

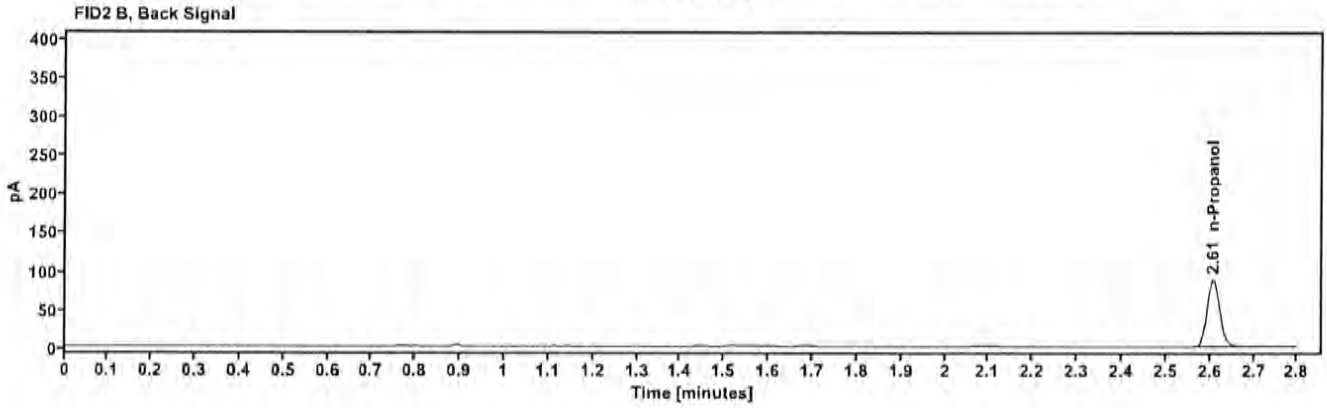

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.153	172.778

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.607	179.787

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524172-2	**Vial:**	27
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:04:34 PM
Data file:	C:\Chem32\1\Data\29Dec25\27.D	**Analyst:**	Canonico

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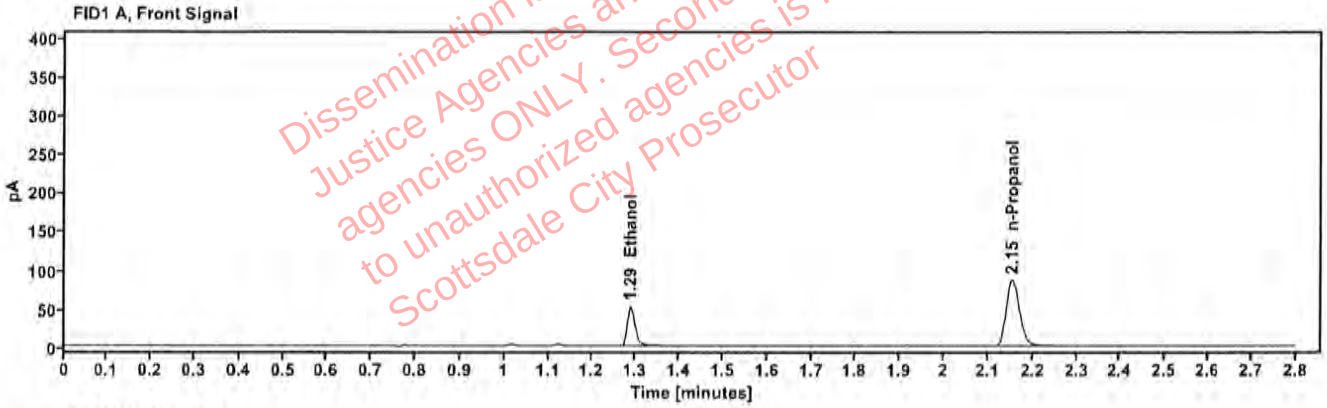

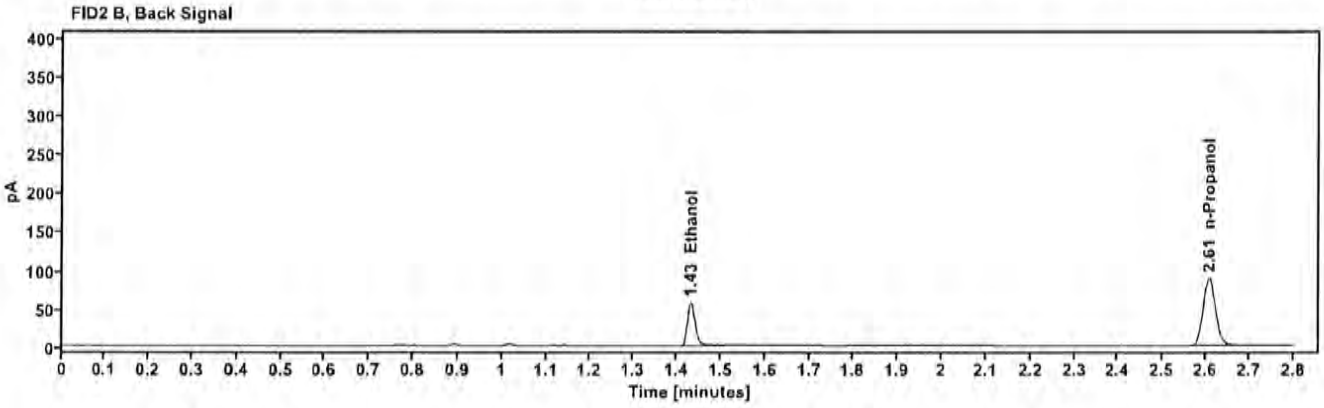

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0921	1.288	66.352
n-Propanol	-----	2.154	176.496

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.431	68.365
n-Propanol	2.608	182.005

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524172-2	**Vial:**	28
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:08:23 PM
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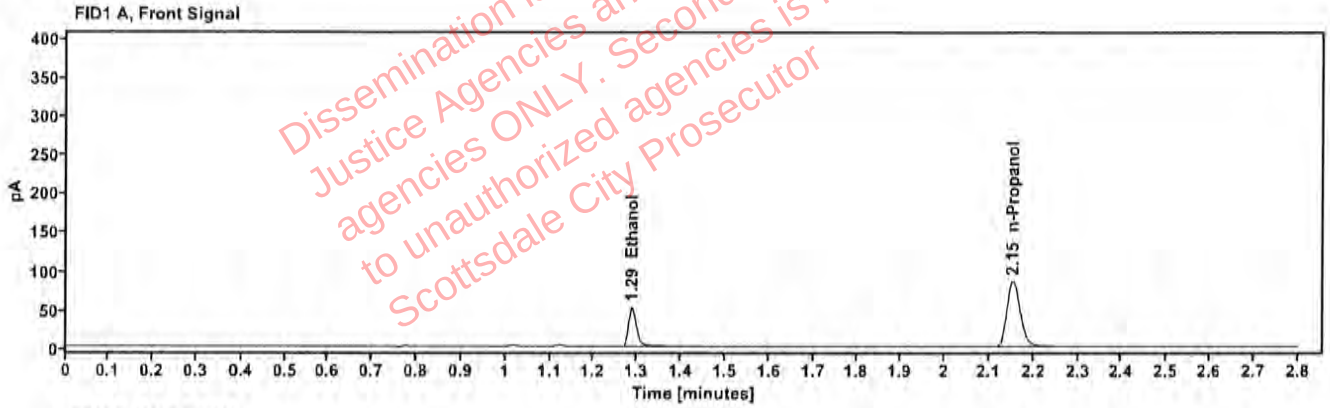

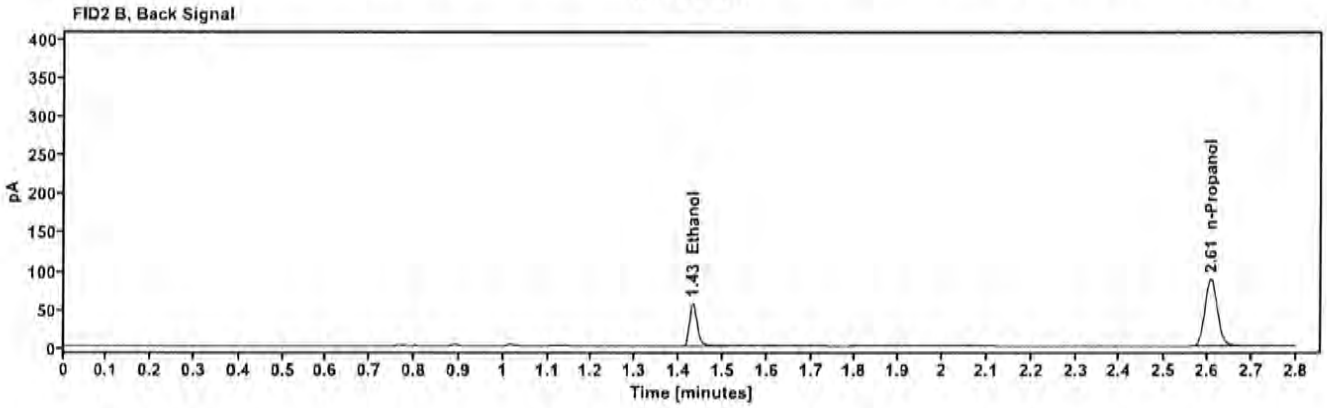

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0919	1.288	65.693
n-Propanol	-----	2.154	175.149

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.431	67.742
n-Propanol	2.607	180.446

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524245-1	**Vial:**	29
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:12:11 PM
Data file:	C:\Chem32\1\Data\29Dec25\29.D	**Analyst:**	Canonico

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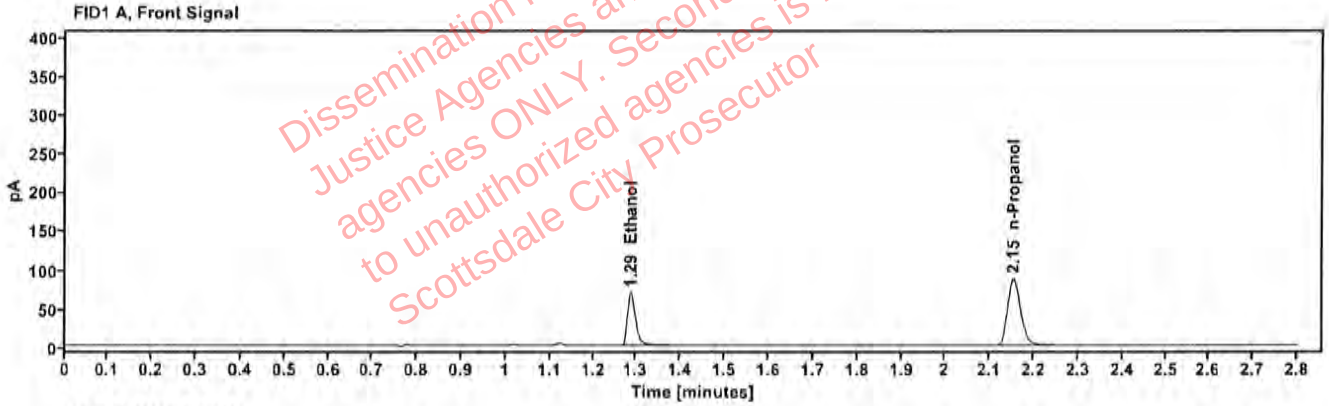

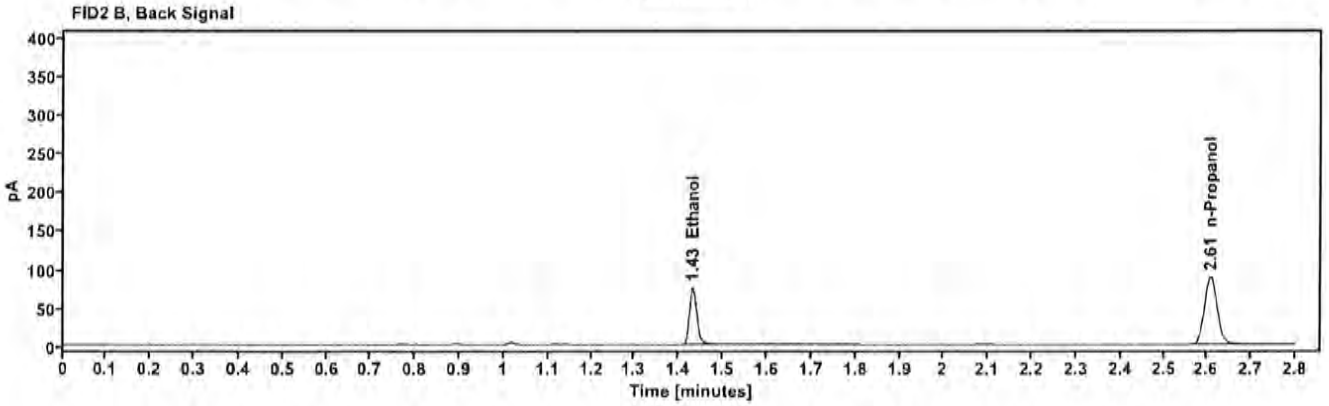

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1204	1.287	86.876
n-Propanol	-----	2.153	176.024

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.431	89.350
n-Propanol	2.607	181.353

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524245-1	**Vial:**	30
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:15:59 PM
Data file:	C:\Chem32\1\Data\29Dec25\30.D	**Analyst:**	Canonico

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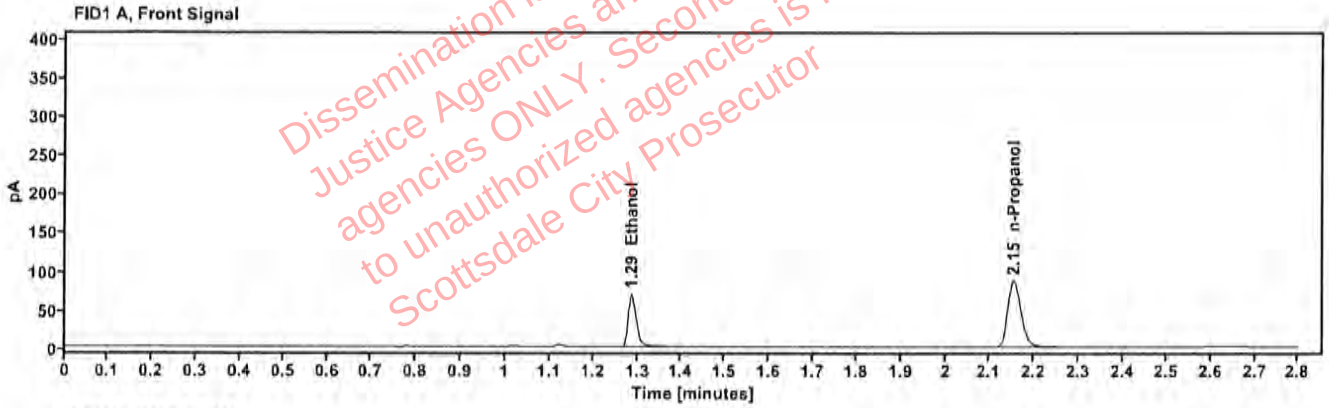

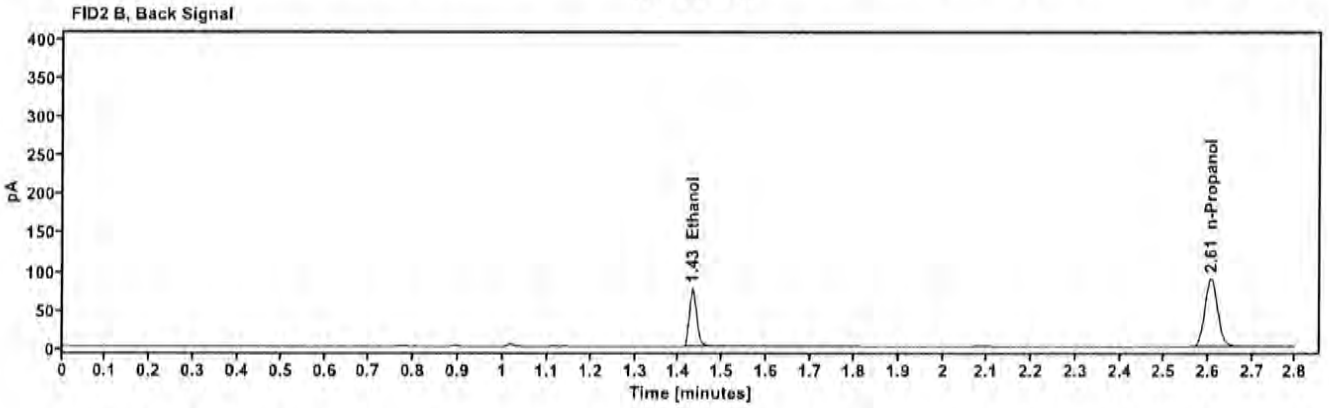

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1210	1.287	87.960
n-Propanol	-----	2.153	177.407

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.431	90.274
n-Propanol	2.607	182.881

[redacted] Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524238-1	**Vial:**	32
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:24:47 PM
Data file:	C:\Chem32\1\Data\29Dec25\32.D	**Analyst:**	Canonico

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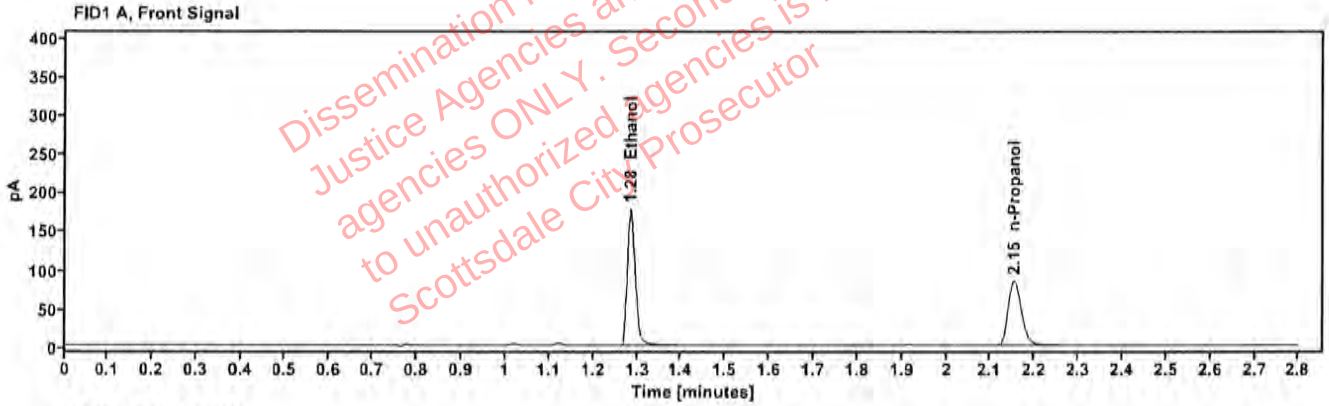

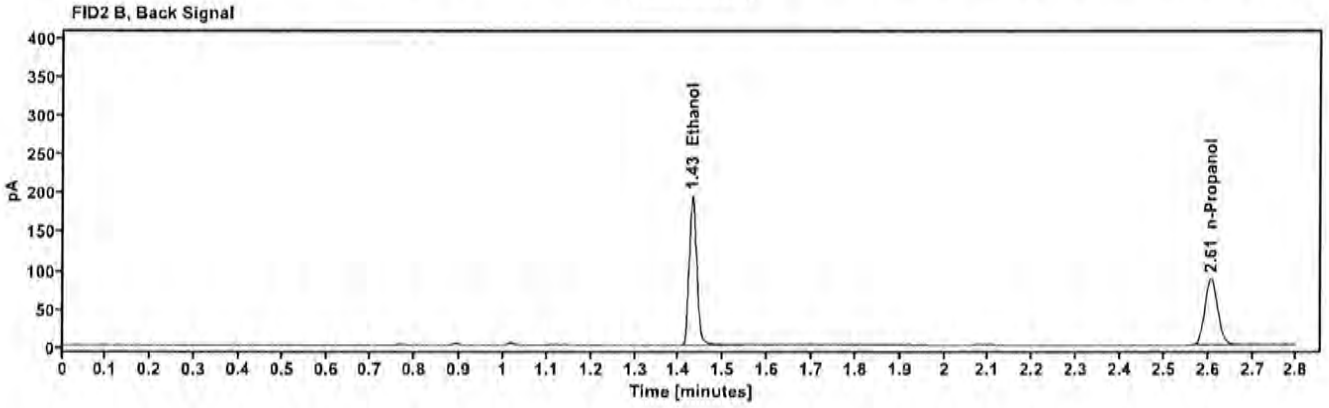

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.3130	1.285	224.665
n-Propanol	——	2.153	173.775

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	232.478
n-Propanol	2.606	178.633

[redacted] Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524238-1	**Vial:**	33
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:28:35 PM
Data file:	C:\Chem32\1\Data\29Dec25\33.D	**Analyst:**	Canonico

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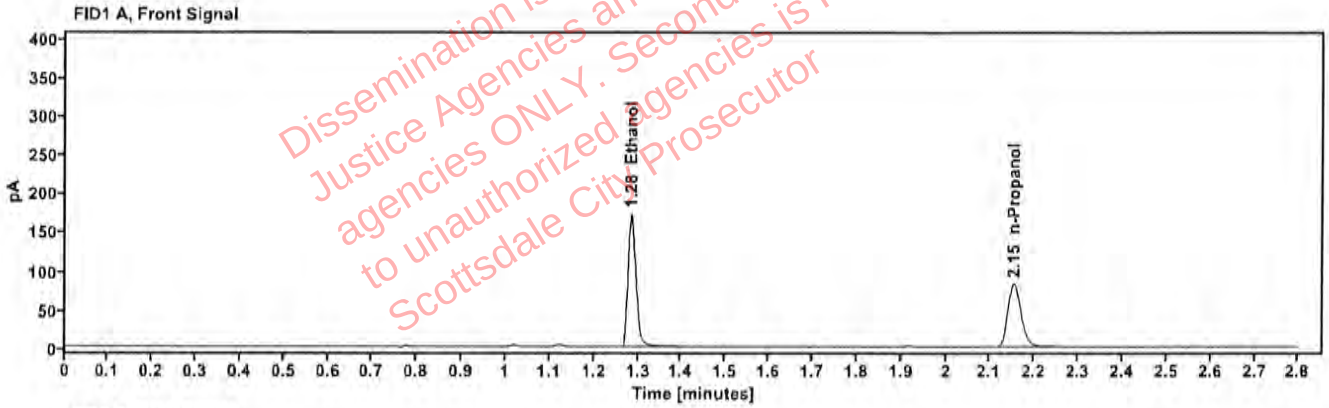

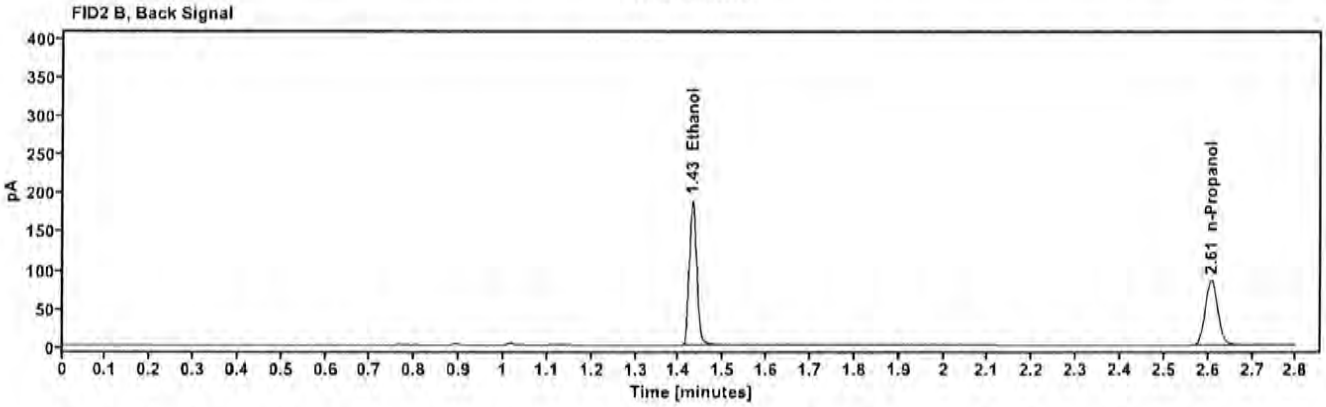

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.3124	1.285	218.046
n-Propanol	----	2.153	168.946

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	225.621
n-Propanol	2.606	173.585

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524269-2	**Vial:**	34
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:32:23 PM
Data file:	C:\Chem32\1\Data\29Dec25\34.D	**Analyst:**	Canonico

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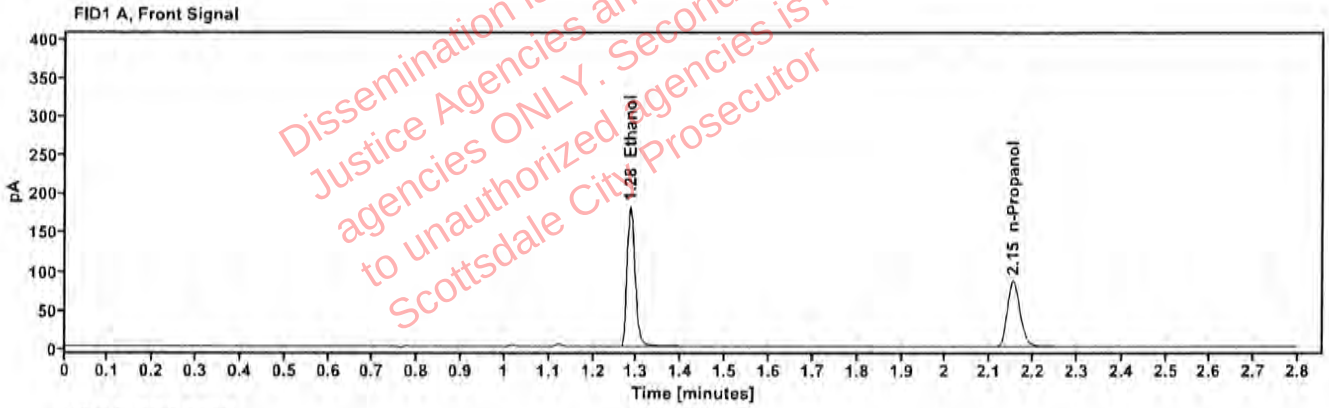

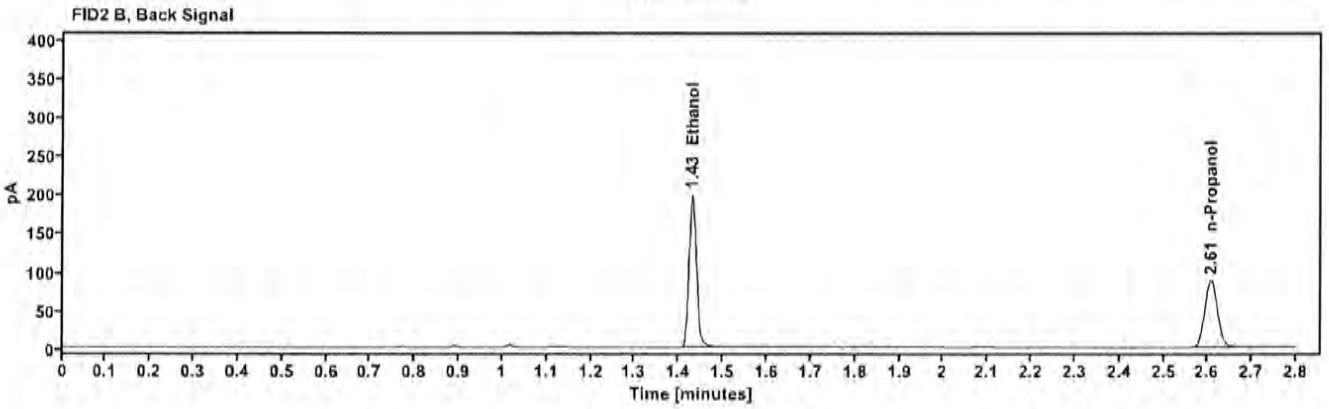

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.3166	1.285	228.966
n-Propanol	-----	2.153	175.059

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	237.089
n-Propanol	2.607	179.293

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524269-2	**Vial:**	35
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:36:10 PM
Data file:	C:\Chem32\1\Data\29Dec25\35.D	**Analyst:**	Canonico

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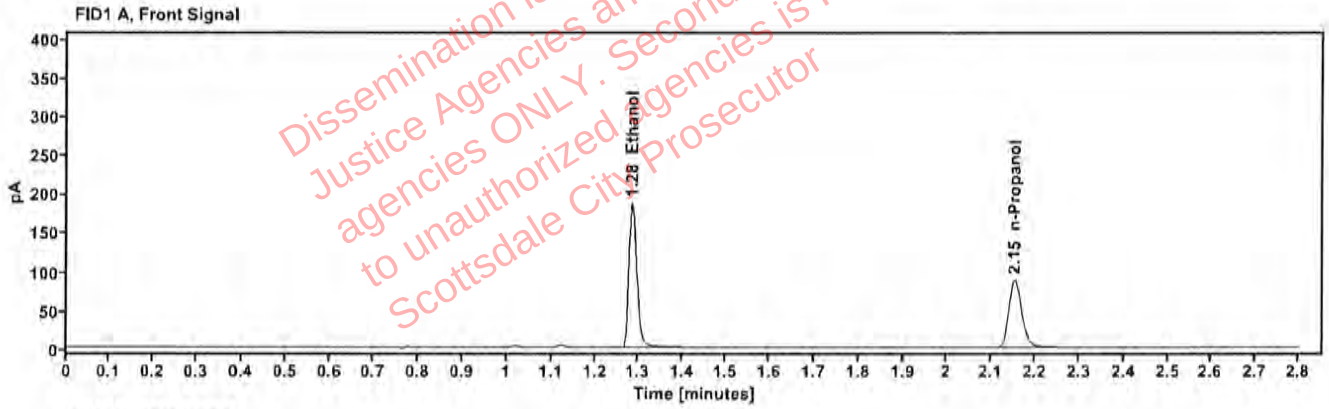

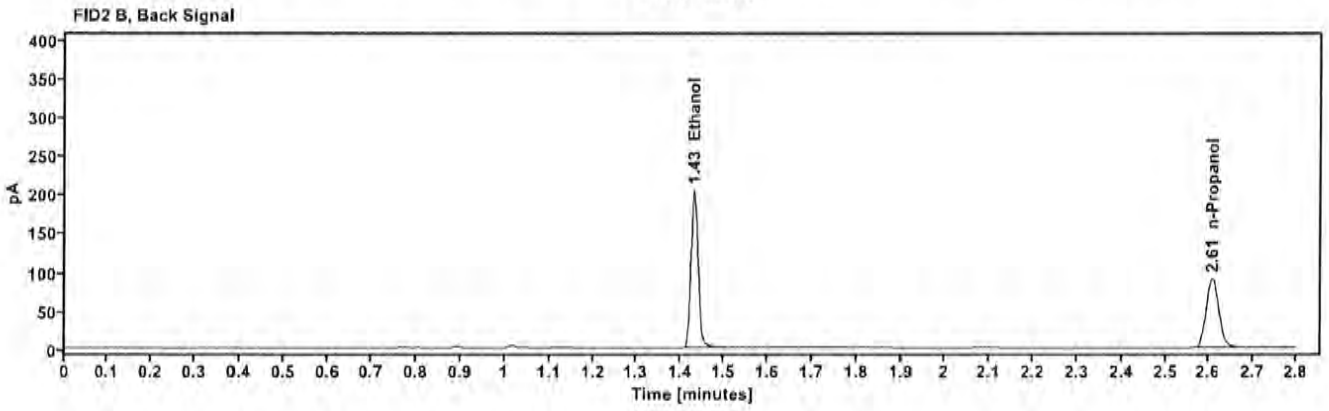

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.3180	1.285	236.024
n-Propanol	-----	2.153	179.668

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	244.110
n-Propanol	2.607	184.079

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524243-1	**Vial:**	36
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:39:59 PM
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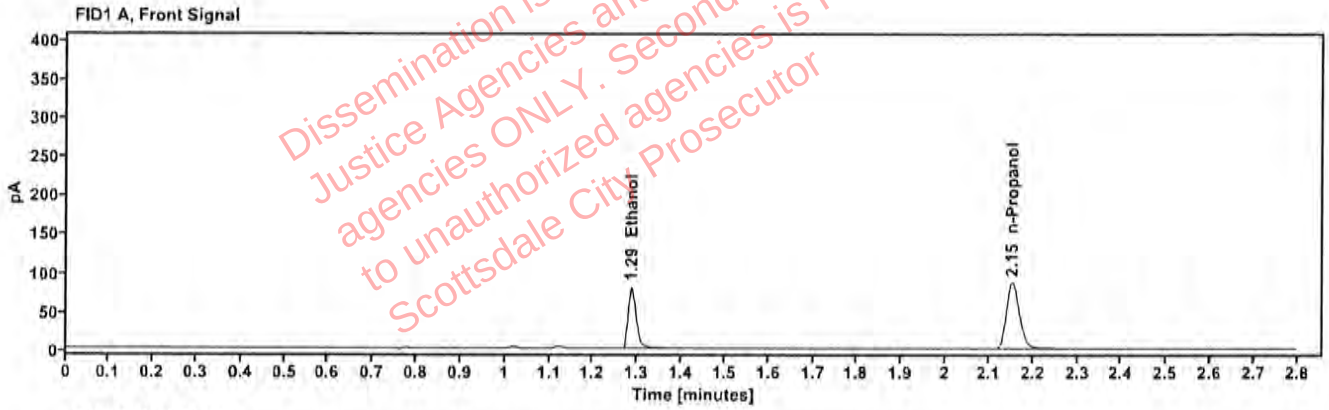

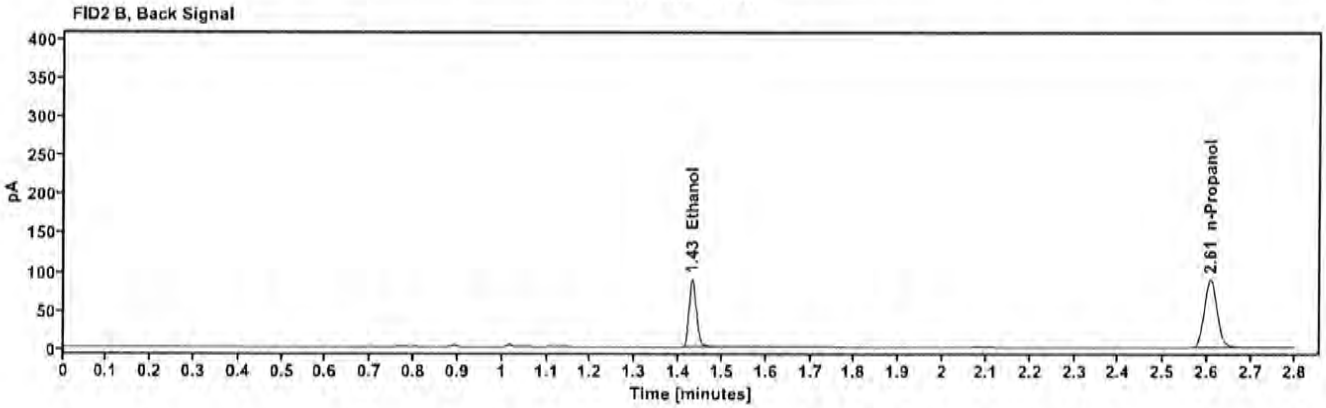

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1413	1.287	102.589
n-Propanol	----	2.153	176.841

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.431	105.775
n-Propanol	2.607	181.490

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524243-1	**Vial:**	37
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:44:58 PM
Data file:	C:\Chem32\1\Data\29Dec25\37.D	**Analyst:**	Canonico

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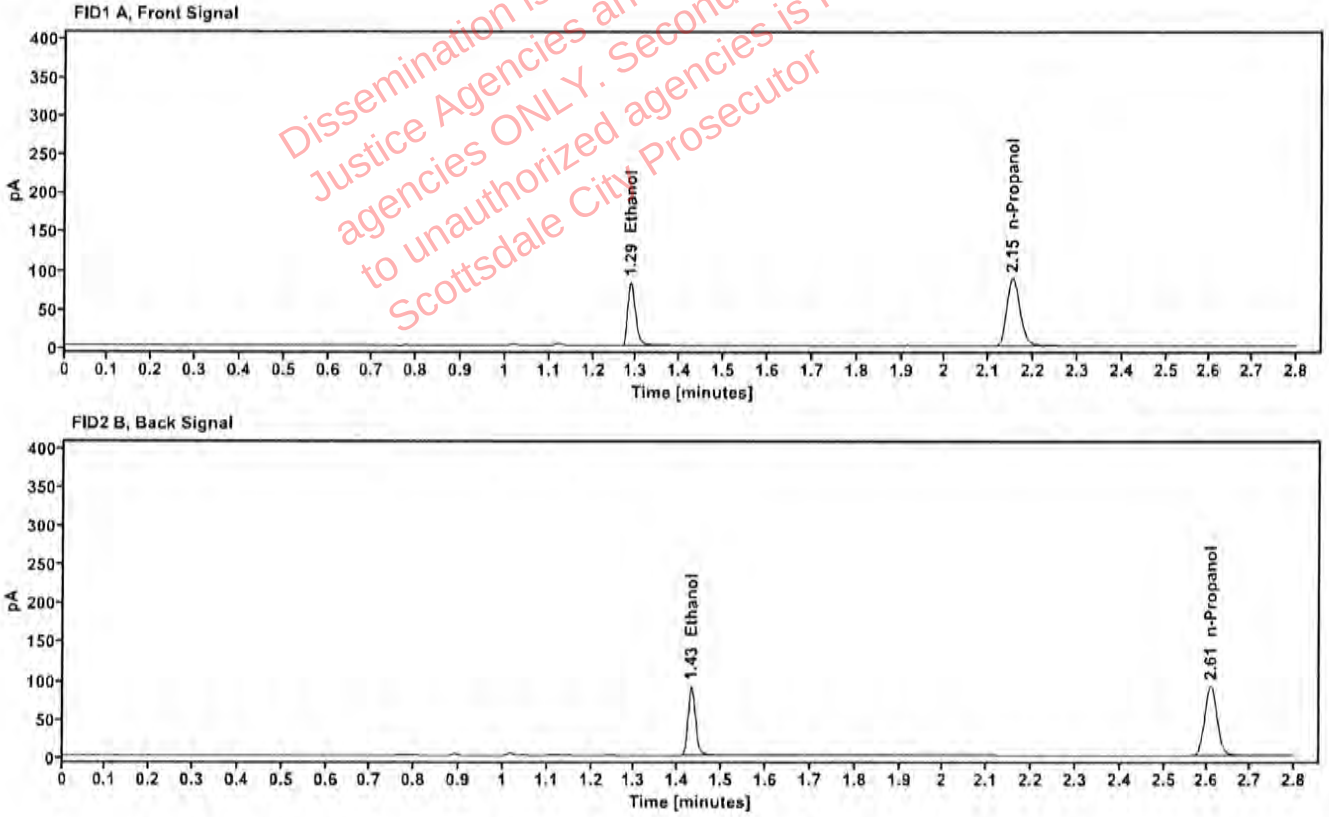

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1418	1.286	105.913
n-Propanol	----	2.153	181.856

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	108.701
n-Propanol	2.607	186.927

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524179-2	**Vial:**	38
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:48:47 PM
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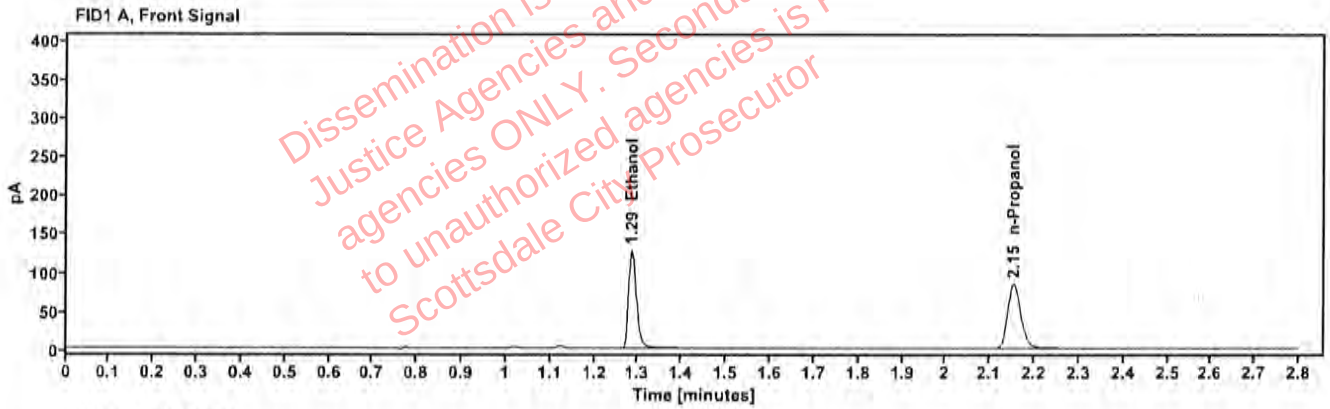

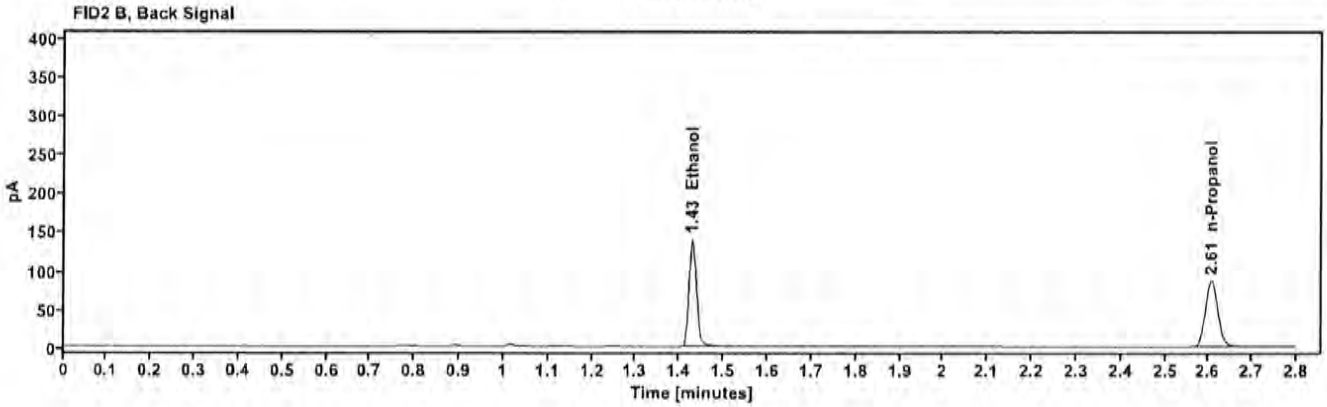

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2280	1.285	162.236
n-Propanol	——	2.153	172.573

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	168.032
n-Propanol	2.606	177.167

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524179-2	**Vial:**	39
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:52:35 PM
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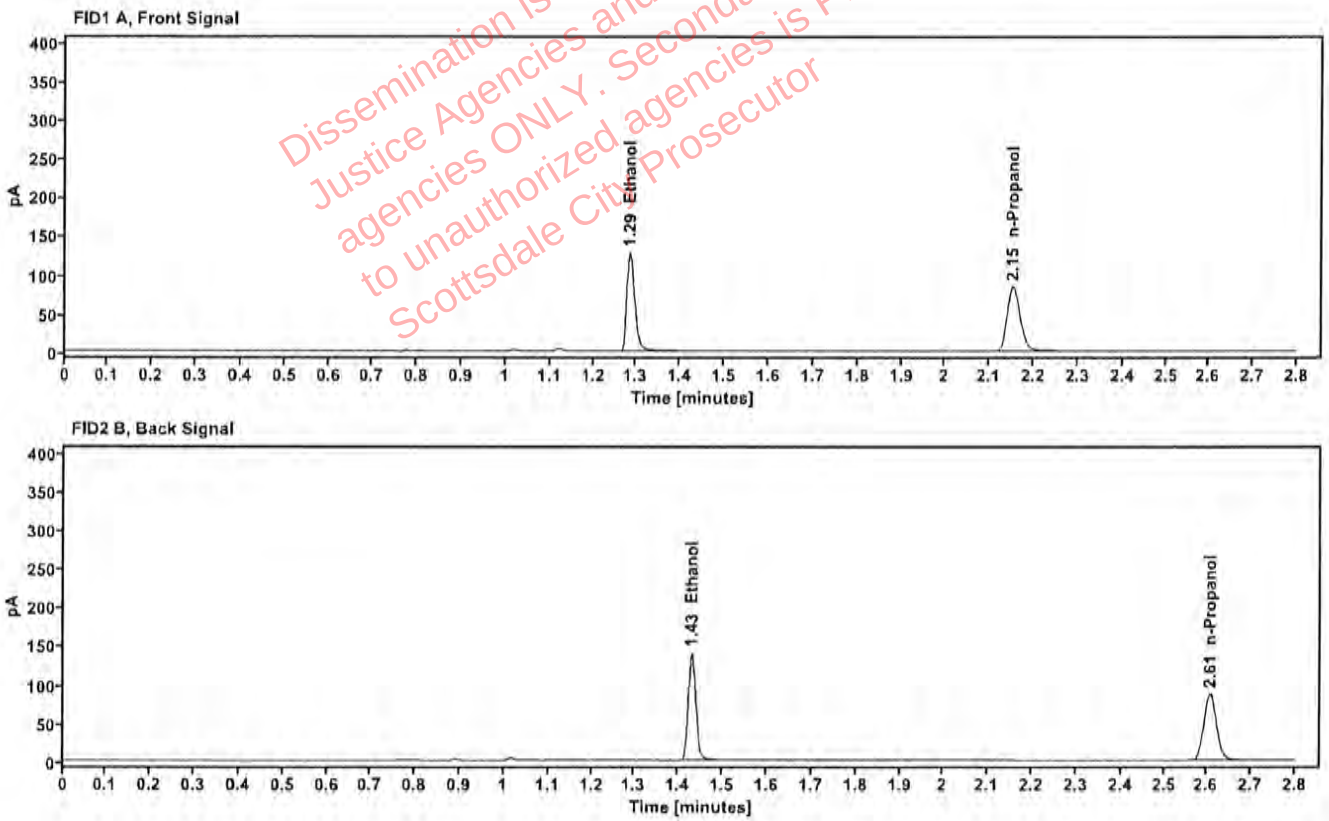

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2285	1.285	162,486
n-Propanol	-----	2.153	172,472

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	168,705
n-Propanol	2.606	177,300

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524266-2	**Vial:**	40
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 5:56:22 PM
Data file:	C:\Chem32\1\Data\29Dec25\40.D	**Analyst:**	Canonico

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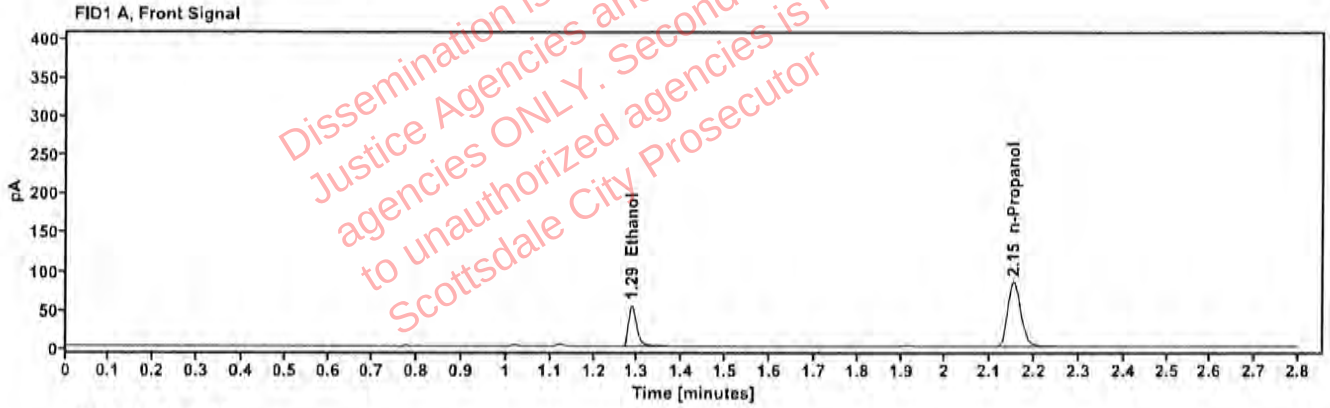

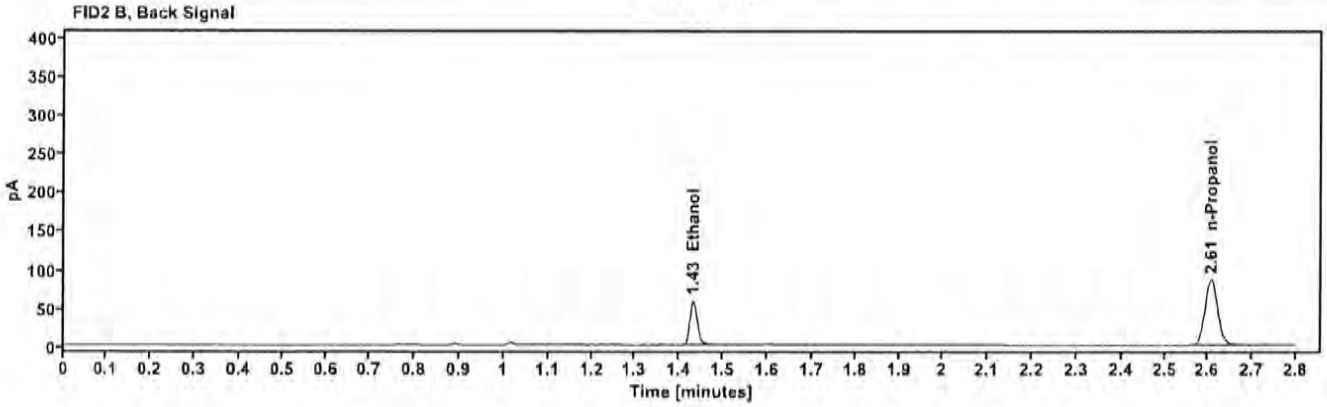

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0971	1.287	68.198
n-Propanol	-----	2.153	172.028

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	70.048
n-Propanol	2.606	176.448

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524266-2	**Vial:**	41
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:00:11 PM
Data file:	C:\Chem32\1\Data\29Dec25\41.D	**Analyst:**	Canonico

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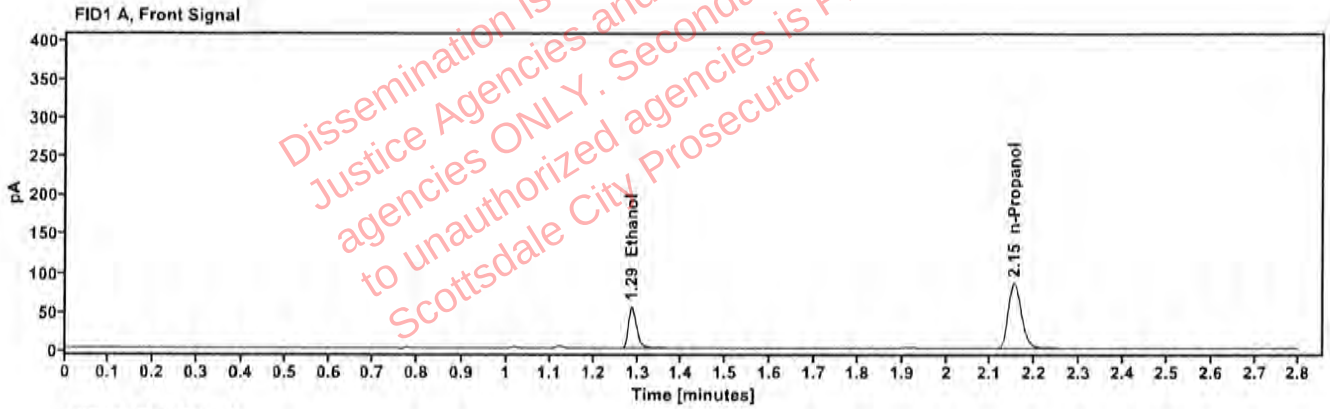

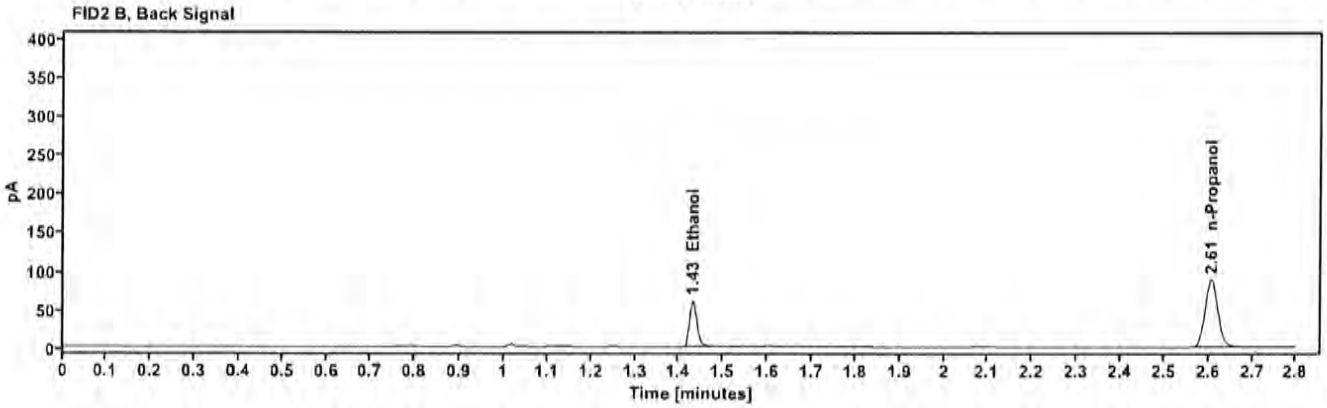

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0978	1.287	70.008
n-Propanol	——	2.153	175.292

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	71.966
n-Propanol	2.606	179.814

[redacted] Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524349-1	**Vial:**	43
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:08:58 PM
Data file:	C:\Chem32\1\Data\29Dec25\43.D	**Analyst:**	Canonico

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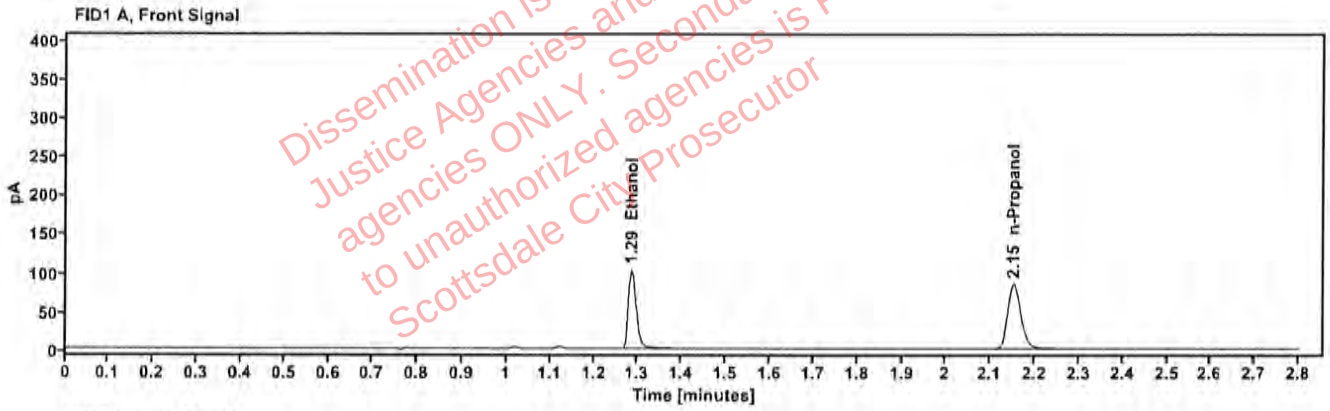

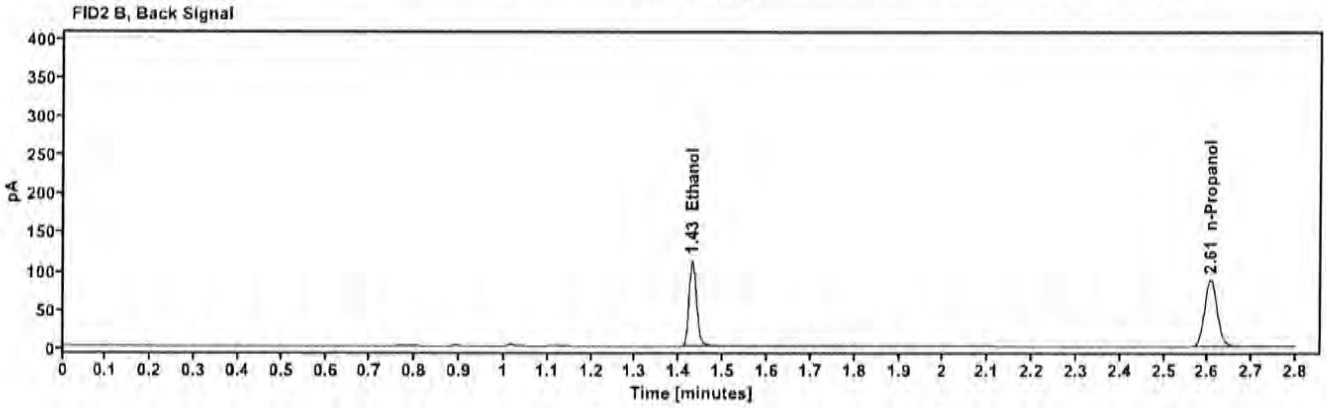

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1823	1.285	130.248
n-Propanol	----	2.152	173.615

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.429	135.101
n-Propanol	2.606	178.325

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524349-1	**Vial:**	44
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:12:47 PM
Data file:	C:\Chem32\1\Data\29Dec25\44.D	**Analyst:**	Canonico

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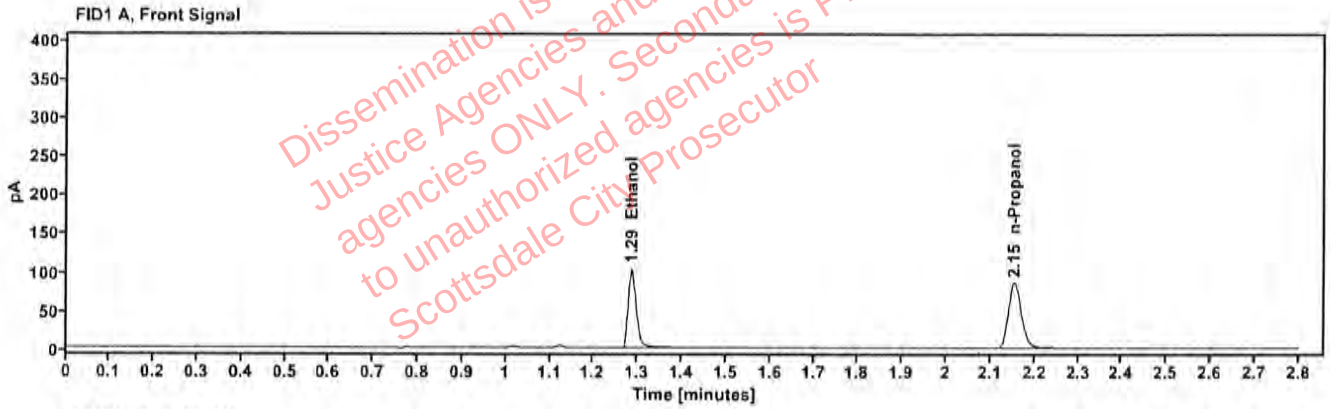

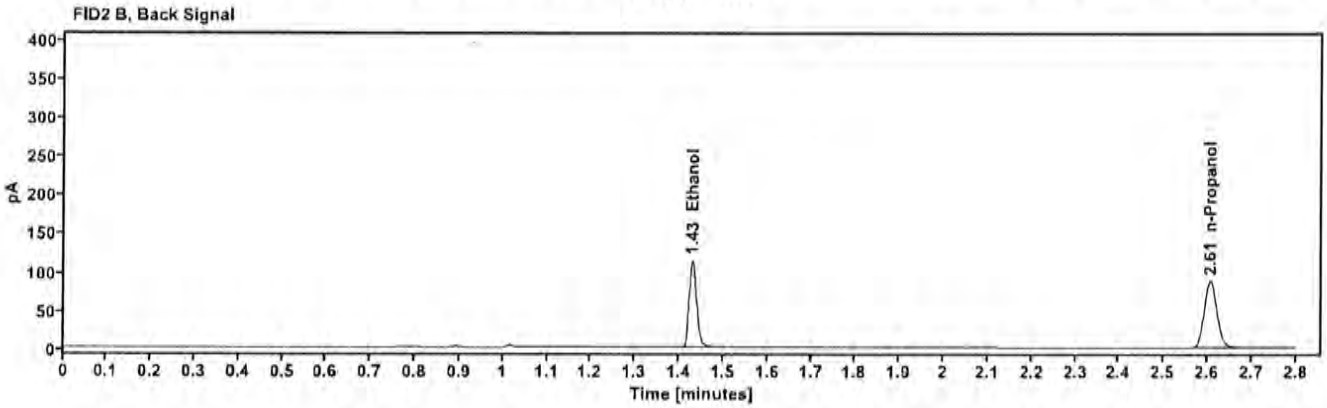

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1826	1.286	131.049
n-Propanol	----	2.153	174.382

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	135.532
n-Propanol	2.606	179.160

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524391-1	**Vial:**	45
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:16:34 PM
Data file:	C:\Chem32\1\Data\29Dec25\45.D	**Analyst:**	Canonico

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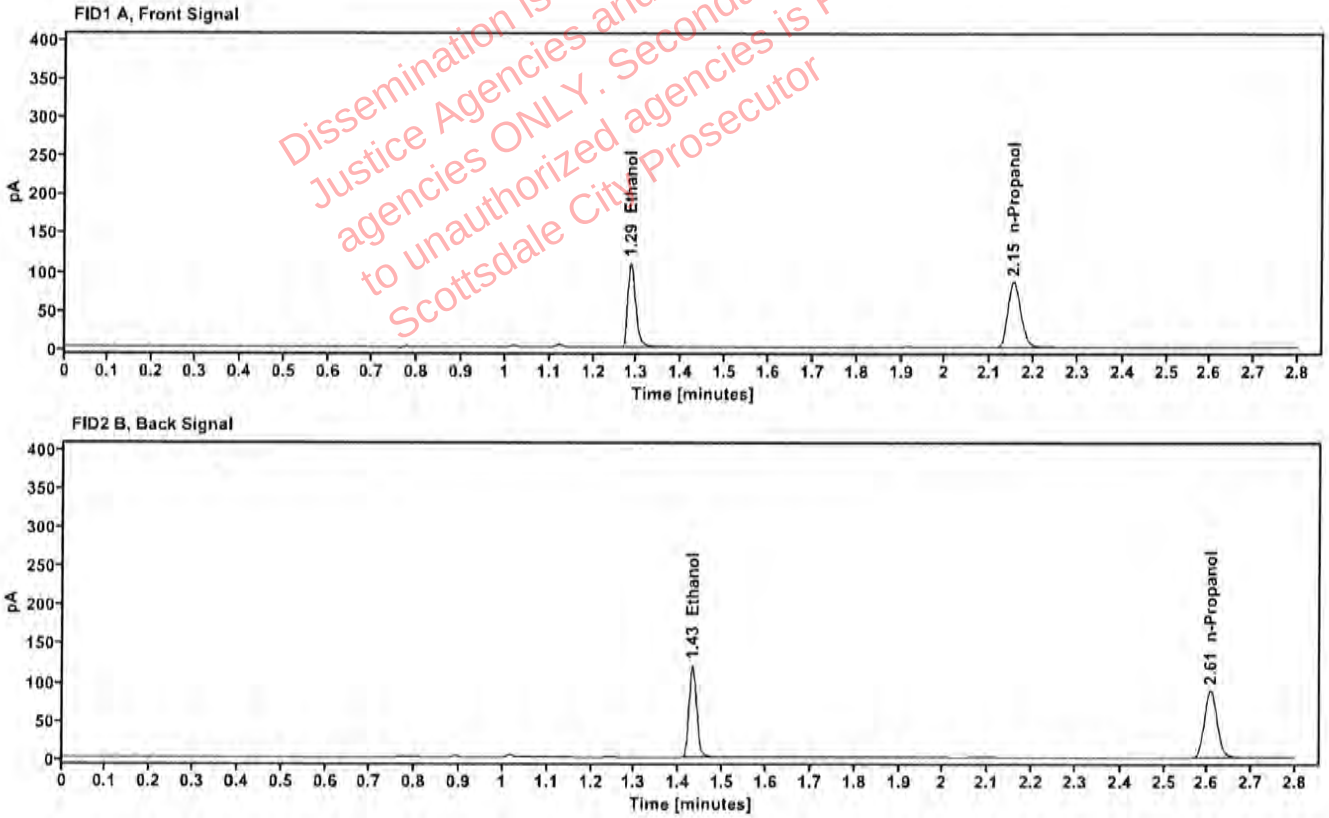

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1927	1.286	139.465
n-Propanol	----	2.153	175.779

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	144.745
n-Propanol	2.607	180.832

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524391-1	**Vial:**	46
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:20:23 PM
Data file:	C:\Chem32\1\Data\29Dec25\46.D	**Analyst:**	Canonico

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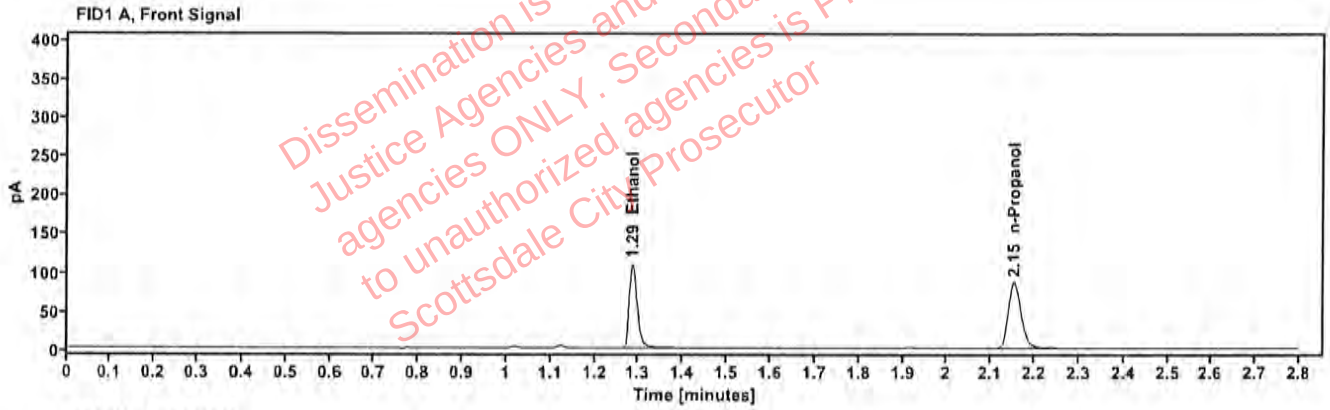

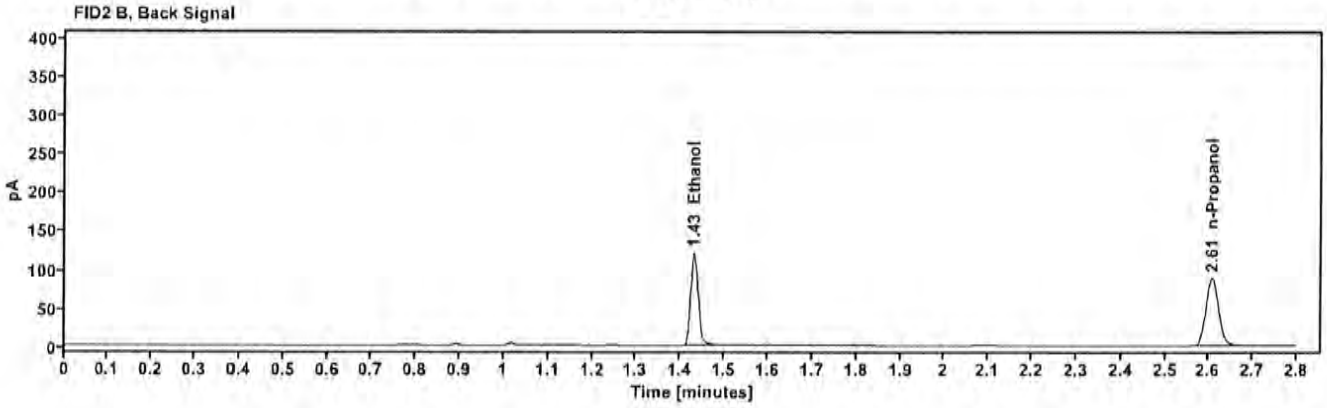

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1922	1.286	139.185
n-Propanol	——	2.153	175.840

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	143.559
n-Propanol	2.607	180.975

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524170-1	**Vial:**	47
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:24:11 PM
Data file:	C:\Chem32\1\Data\29Dec25\47.D	**Analyst:**	Canonico

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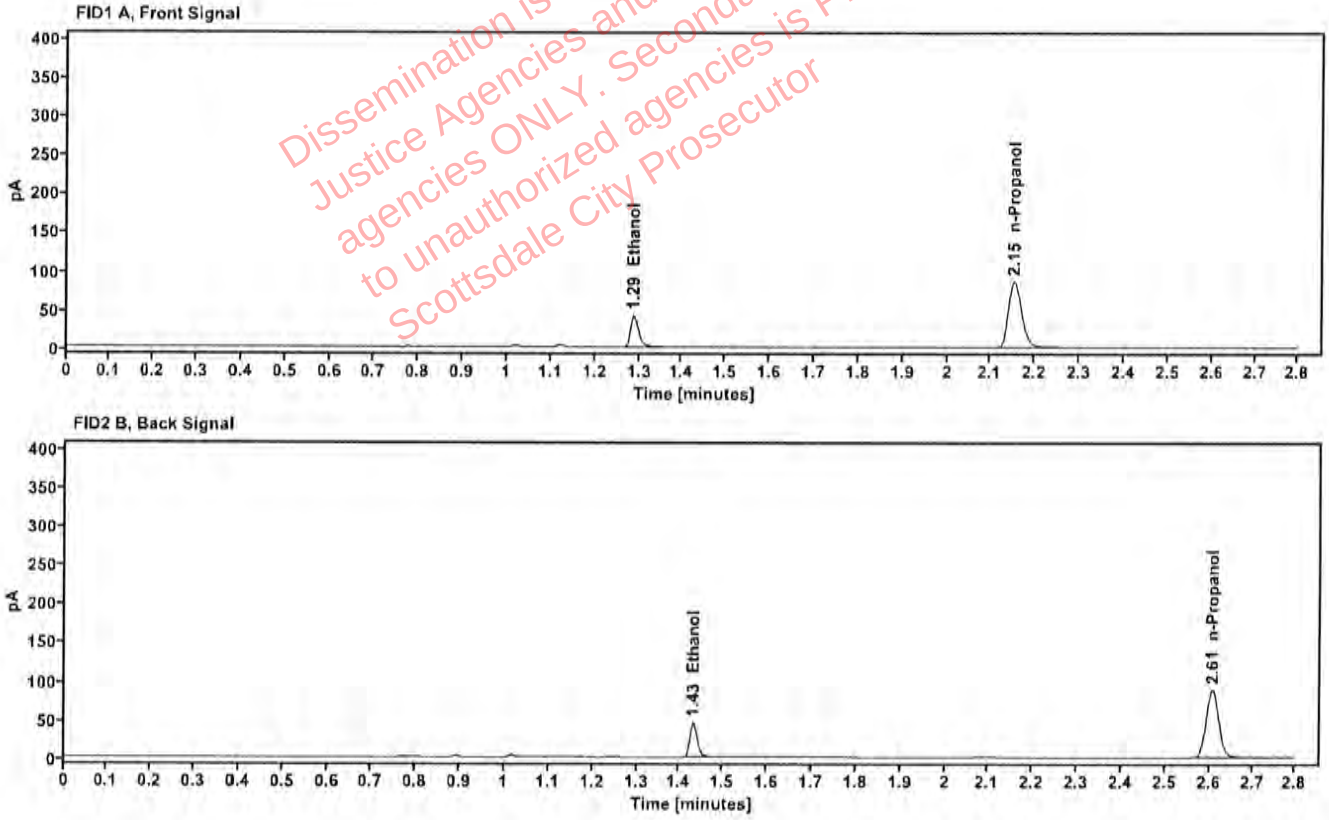

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0738	1.288	52.955
n-Propanol	----	2.153	176.496

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.431	54.386
n-Propanol	2.607	181.922

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2524170-1	**Vial:**	48
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:27:59 PM
Data file:	C:\Chem32\1\Data\29Dec25\48.D	**Analyst:**	Canonico

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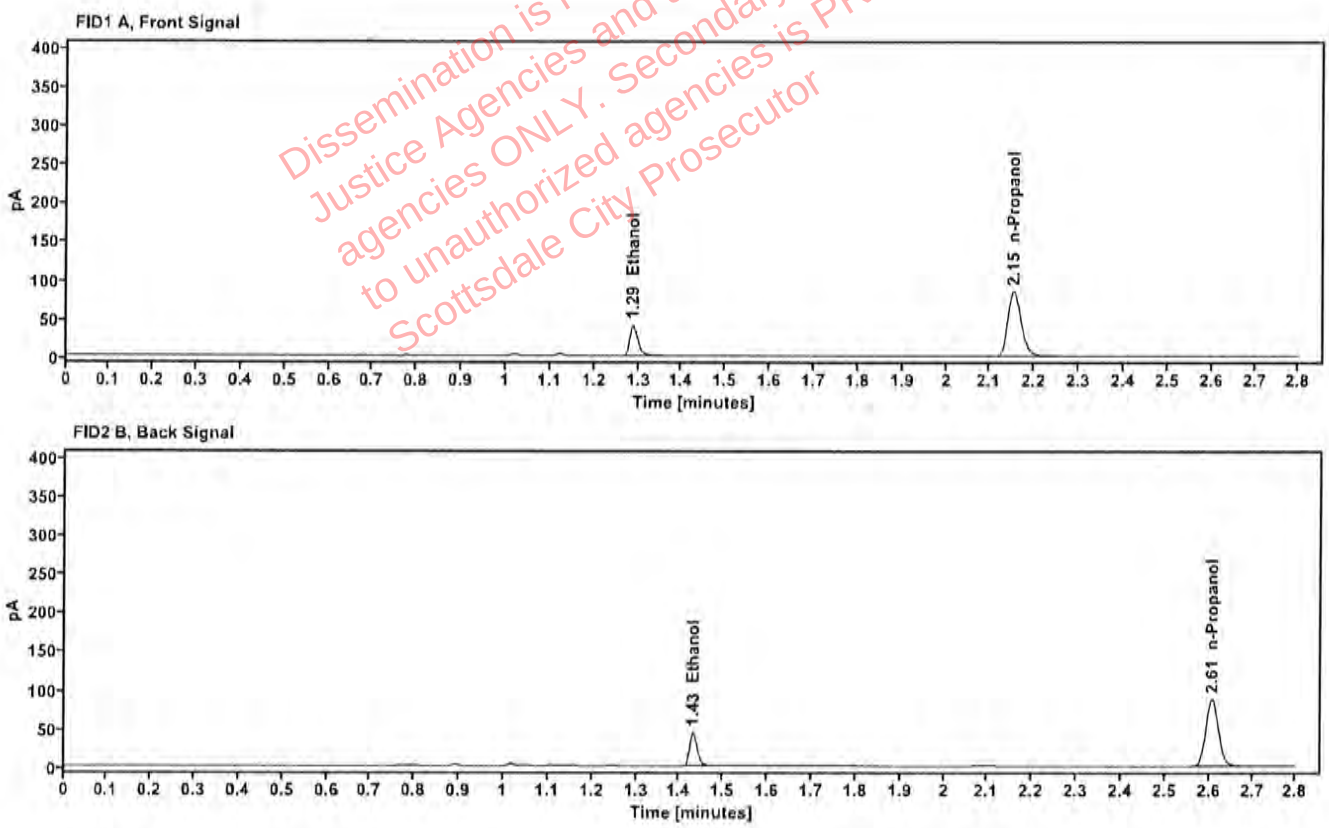

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0733	1.288	51.996
n-Propanol	----	2.153	174.599

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.431	53.417
n-Propanol	2.607	180.200

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525435-1	**Vial:**	49
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:32:59 PM
Data file:	C:\Chem32\1\Data\29Dec25\49.D	**Analyst:**	Canonico

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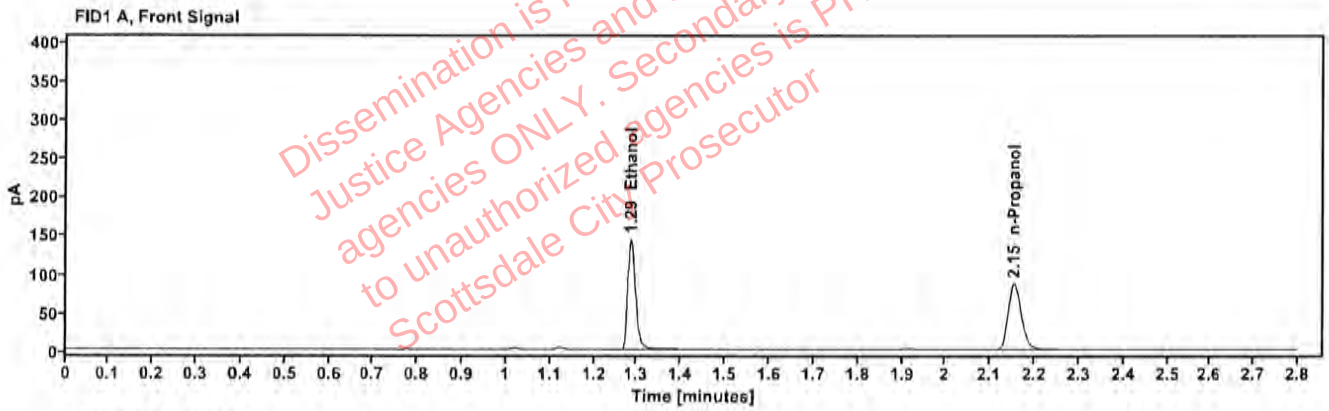

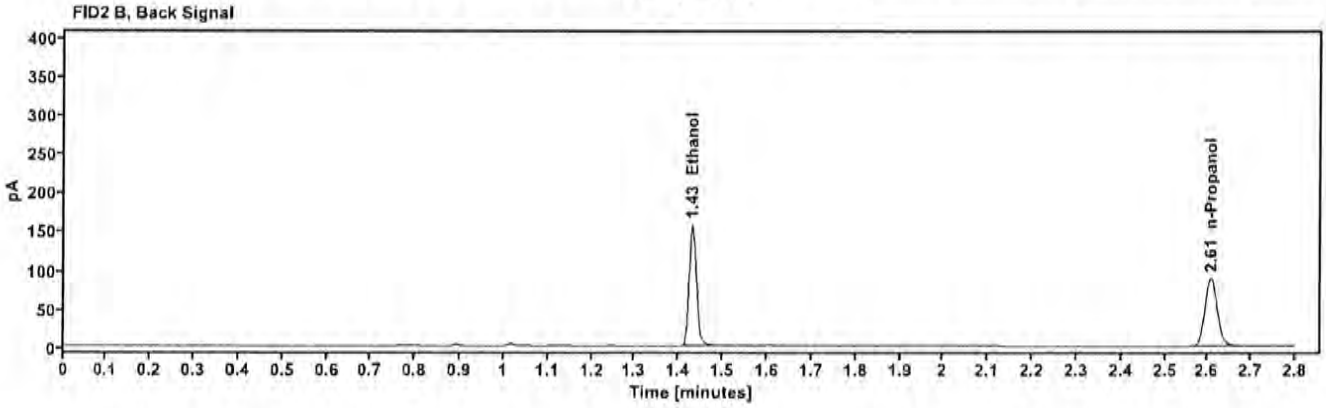

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2499	1.286	181.890
n-Propanol	----	2.153	176.417

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	188.453
n-Propanol	2.607	181.053

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2525435-1	**Vial:**	50
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:36:47 PM
Data file:	C:\Chem32\1\Data\29Dec25\50.D	**Analyst:**	Canonico

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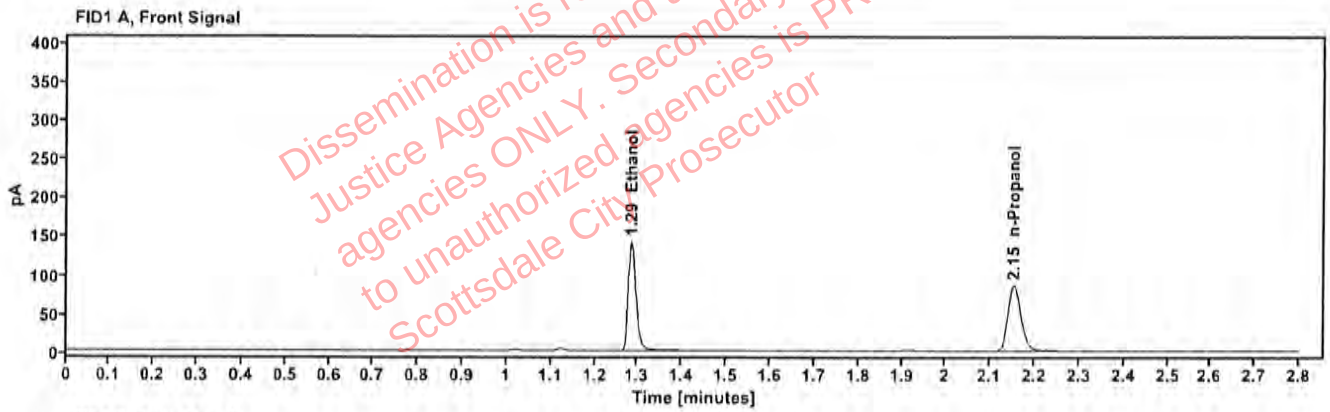

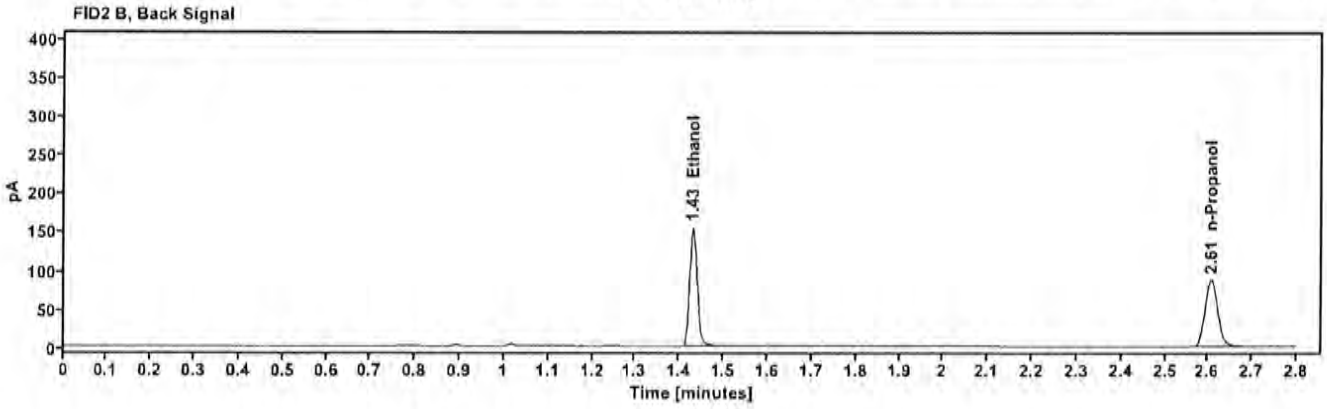

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2491	1.285	179,317
n-Propanol	----	2.153	174,470

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.430	185,605
n-Propanol	2.607	178,939

[redacted] Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514091-2	**Vial:**	51
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:40:35 PM
Data file:	C:\Chem32\1\Data\29Dec25\51.D	**Analyst:**	Canonico

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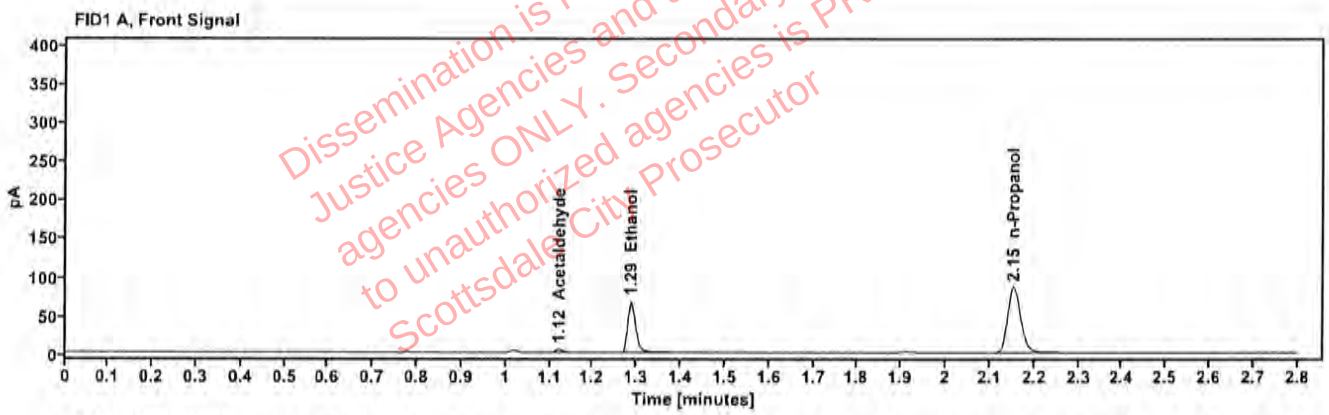

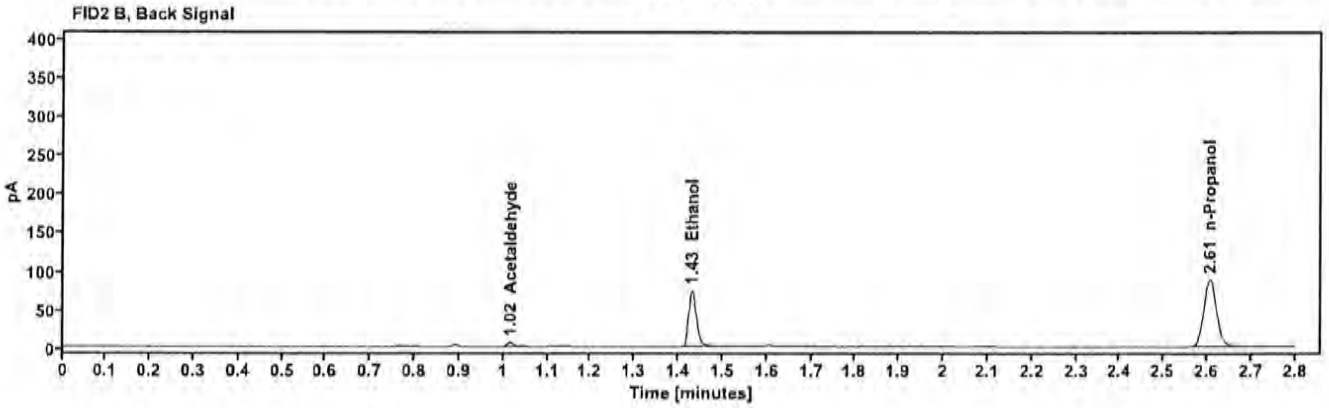

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.122	4.617
quantified Ethanol	0.1191	1.287	85.304
n-Propanol	-----	2.153	174.873

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	4.860
Ethanol	1.430	87.600
n-Propanol	2.606	180.663

[redacted]: Canonico, Erika - (12-30-2025)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2514091-2	**Vial:**	52
Description:	[redacted]	**LIMS ID:**	[redacted]
Method:	ethanol quant.M	**Sequence:**	29Dec25
Instrument:	US2320A024 US23180007	**Injection date:**	12/29/2025 6:44:23 PM
Data file:	C:\Chem32\1\Data\29Dec25\52.D	**Analyst:**	Canonico

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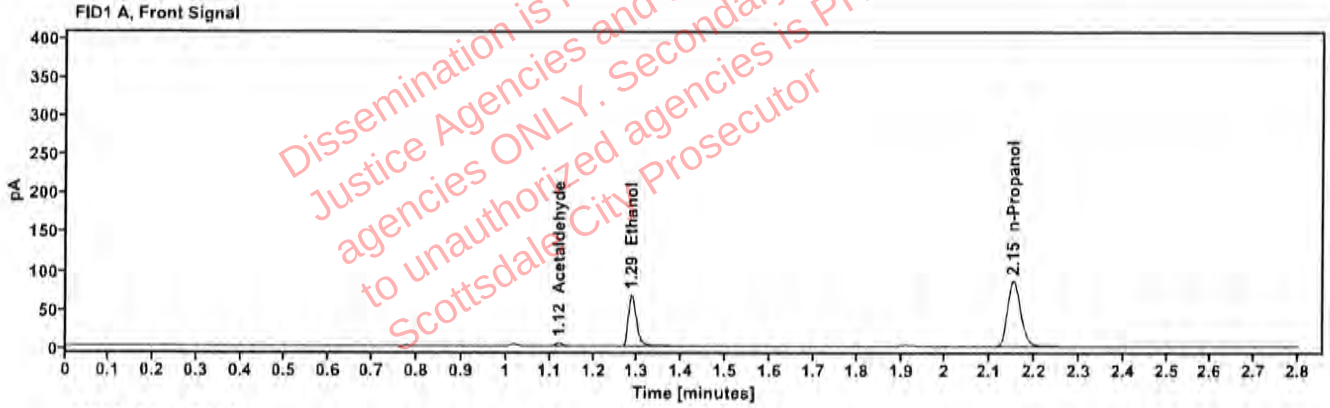

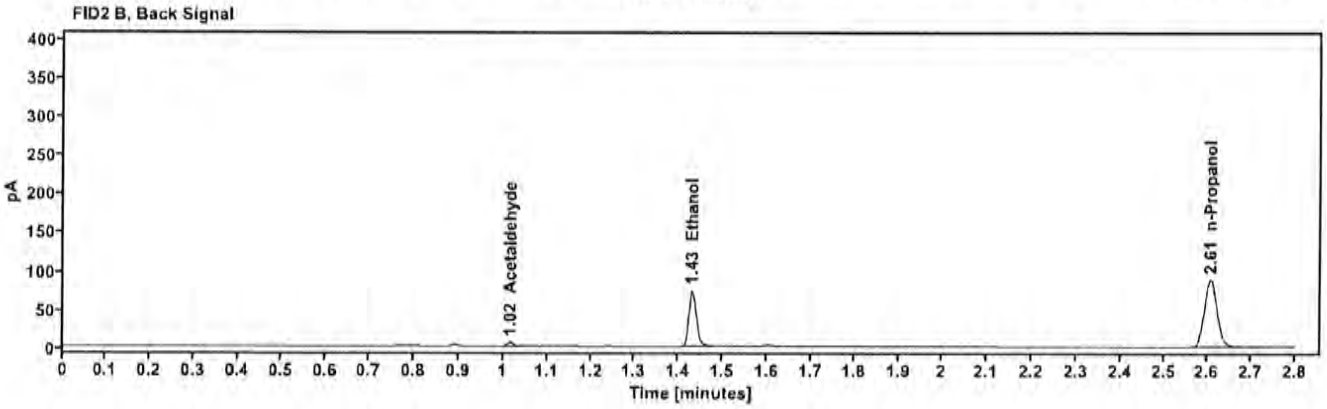

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.121	4.541
quantified Ethanol	0.1192	1.286	85.463
n-Propanol	-----	2.152	175.035

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	1.016	4.778
Ethanol	1.430	87.966
n-Propanol	2.606	181.032