

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE

10/1/25

SEQUENCE

NAME

01Oct25

EQUIPMENT

Pipettor



Hamilton ML600GJ10749



Hamilton ML600EA20851

Gas Chromatograph



Agilent US14173023



Agilent US2320A024

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113

Coefficient of determination (r^2)

Vial 2 0.10 calibrator Lot FN04042408

0.99998

Vial 3 0.20 calibrator Lot FN03132302

Vial 4 0.40 calibrator Lot FN03052102

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 050721MIX
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 518018
9	Blood control	0.203 g/dL	0.203 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	0.204 g/dL	ACQ 4130622206/10
42	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed C1455120
53	Blood control	0.203 g/dL	0.203 g/dL	ACQ 4130622206/10
64	Aqueous control	0.400 g/dL	0.405 g/dL	Lipomed 12052023-B
65	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
66	Blood control	0.203 g/dL	0.203 g/dL	ACQ 4130622206/10
67	Blank	Not detected	Not detected	SPD lab 060925AQ

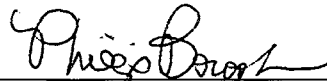
SUBJECT SAMPLES

Subjects in the sequence 25

Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid ☒
Run invalid ☐


Analyst

Run valid ☒
Run invalid ☐


Technical Reviewer

Scottsdale Police Department Crime Laboratory

Sequence Quality Assurance Summary

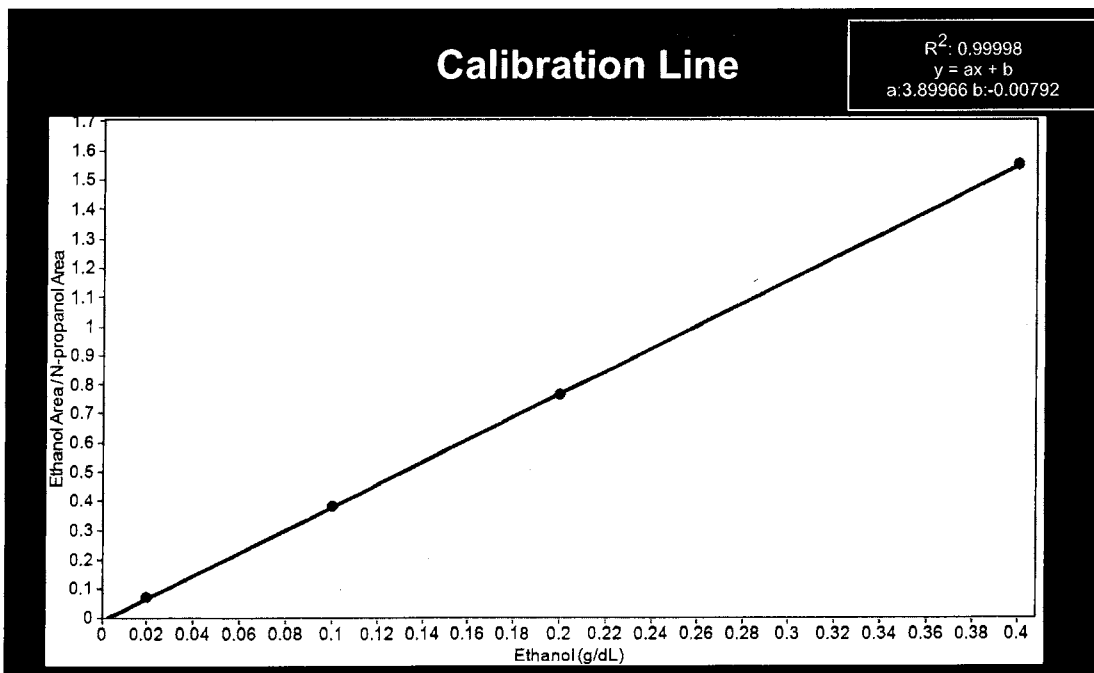
Handwritten initials

Sequence: 01Oct25

Analyst: Brooke

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	0.401	0.400	0.25	0.001
0.040 518018	8	0.040	0.040	0.00	0.000
0.203 4130622206/10	9	0.203	0.203	0.00	0.000
0.100 C1455120	20	0.101	0.100	1.00	0.001
0.203 4130622206/10	31	0.204	0.203	0.49	0.001
0.100 C1455120	42	0.101	0.100	1.00	0.001
0.203 4130622206/10	53	0.203	0.203	0.00	0.000
0.400 12052023-B	64	0.405	0.400	1.25	0.005
0.040 518018	65	0.041	0.040	2.50	0.001
0.203 4130622206/10	66	0.203	0.203	0.00	0.000
blank 060925AQ	67	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	13.261	181.522	0.073
0.100	68.839	180.420	0.382
0.200	139.733	182.160	0.767
0.400	281.860	181.333	1.554



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03122113	Vial:	1
Description:	0.020 Calibrator	Sequence:	01Oct25
Method:	ethanol quant.M	Injection date:	10/1/2025 11:01:11 PM
Instrument:	US2320A024 US23180007	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\01Oct25\1.D		

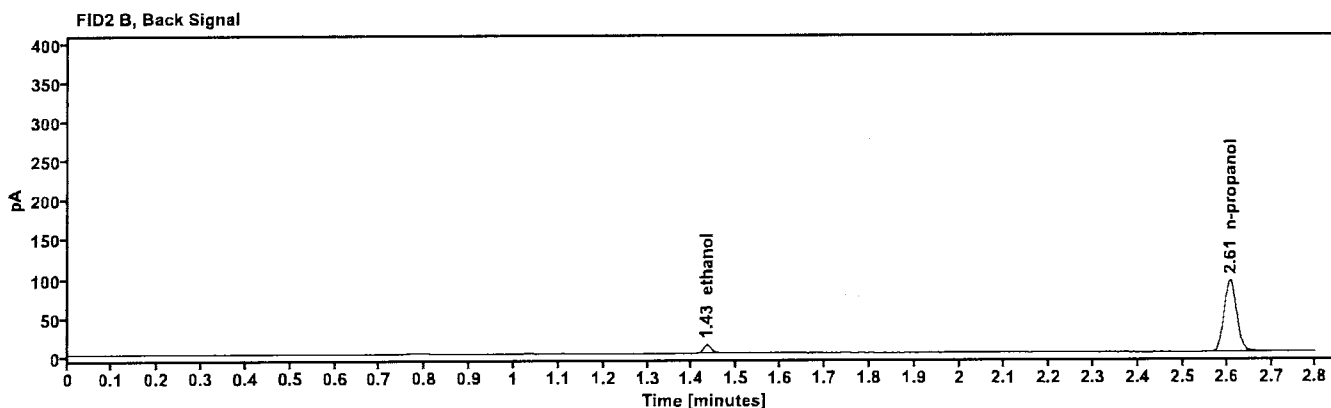
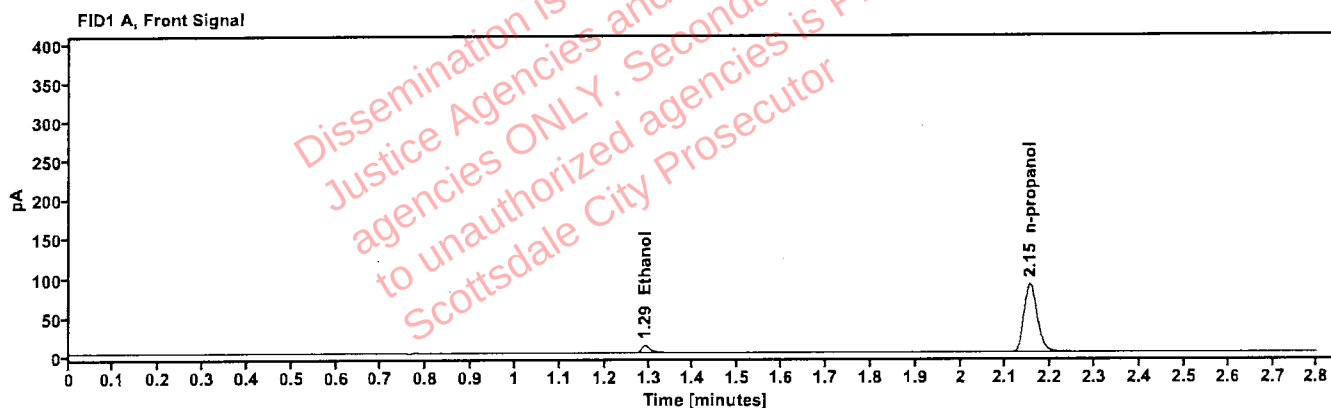


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.291	13.261
n-propanol	2.153	181.522

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

Compound	Time (min)	Peak Area
ethanol	1.433	13.872
n-propanol	2.608	187.913

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN04042408	Vial:	2
Description:	0.100 Calibrator	Sequence:	01Oct25
Method:	ethanol quant.M	Injection date:	10/1/2025 11:05:00 PM
Instrument:	US2320A024 US23180007	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\01Oct25\2.D		

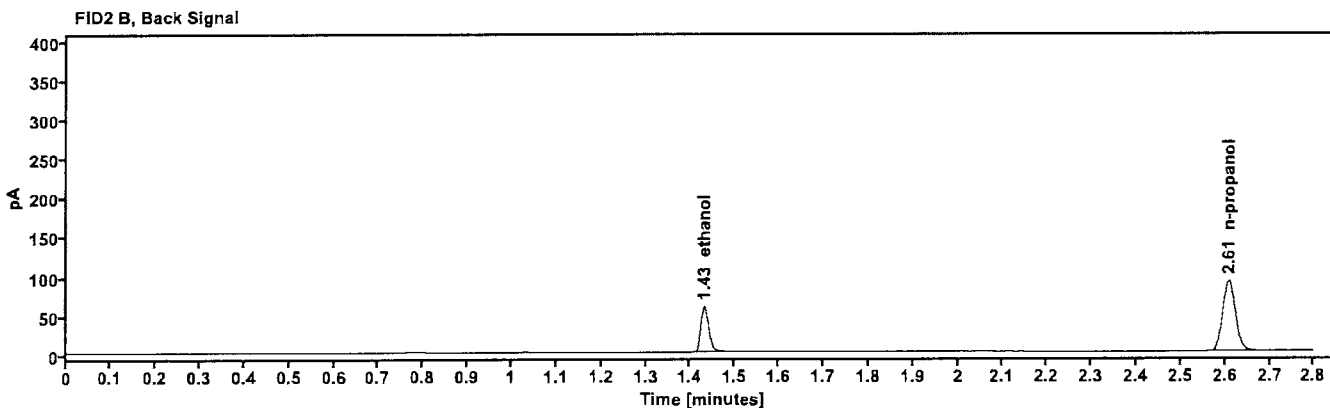
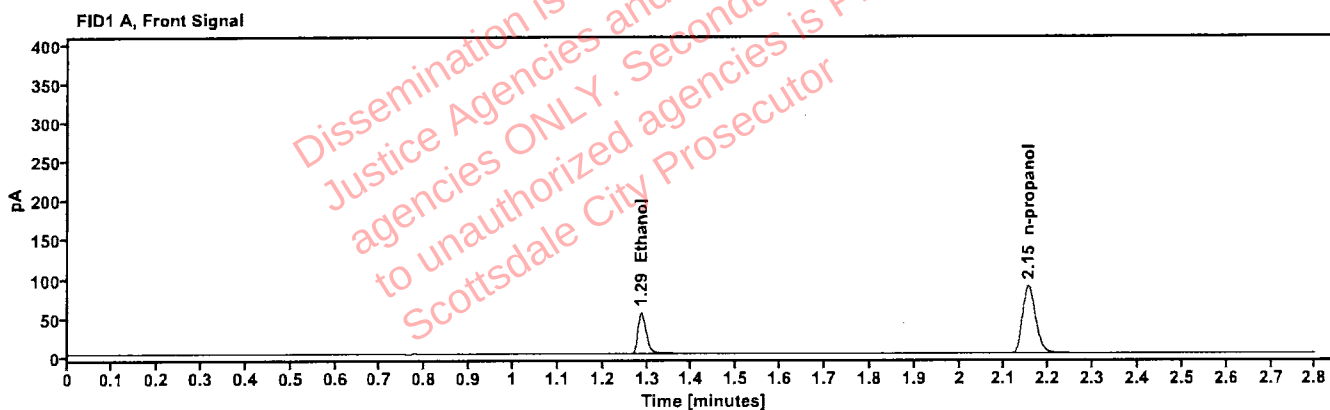


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.287	68.839
n-propanol	2.153	180.420

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

Compound	Time (min)	Peak Area
ethanol	1.431	71.179
n-propanol	2.608	186.666

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03132302	Vial:	3
Description:	0.200 Calibrator	Sequence:	01Oct25
Method:	ethanol quant.M	Injection date:	10/1/2025 11:08:48 PM
Instrument:	US2320A024 US23180007	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\01Oct25\3.D		

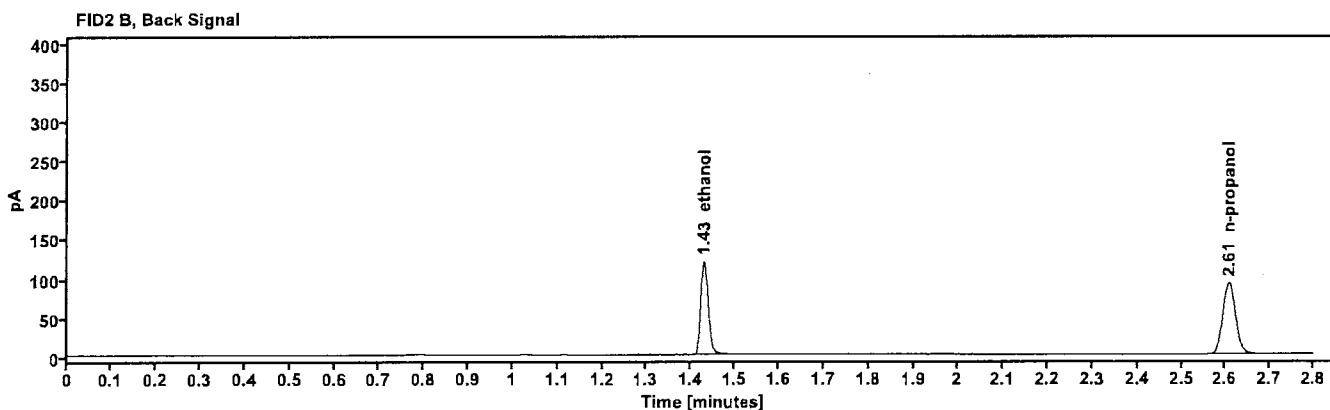
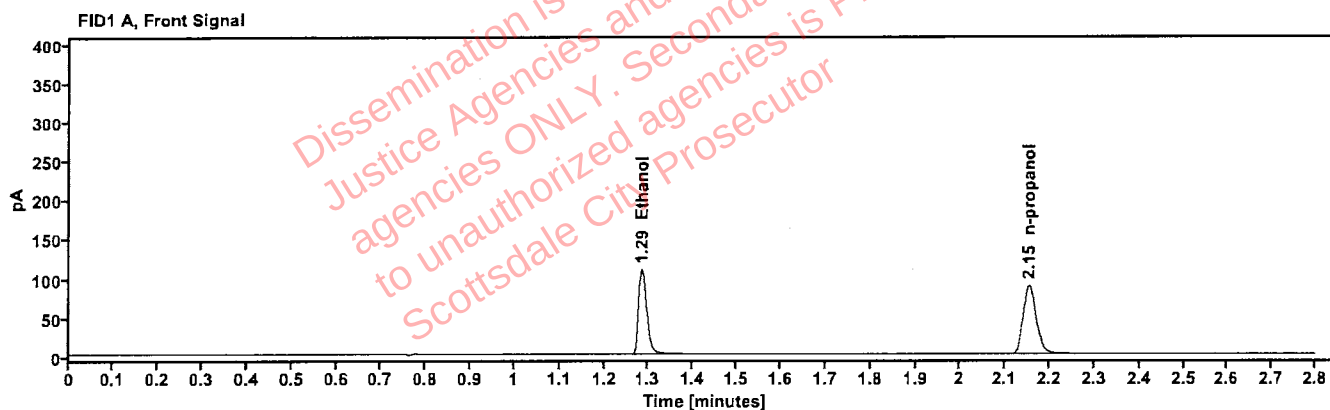


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.285	139.733
n-propanol	2.153	182.160

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

Compound	Time (min)	Peak Area
ethanol	1.429	144.883
n-propanol	2.608	188.455

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03052102	Vial:	4
Description:	0.400 Calibrator	Sequence:	01Oct25
Method:	ethanol quant.M	Injection date:	10/1/2025 11:12:36 PM
Instrument:	US2320A024 US23180007	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\01Oct25\4.D		

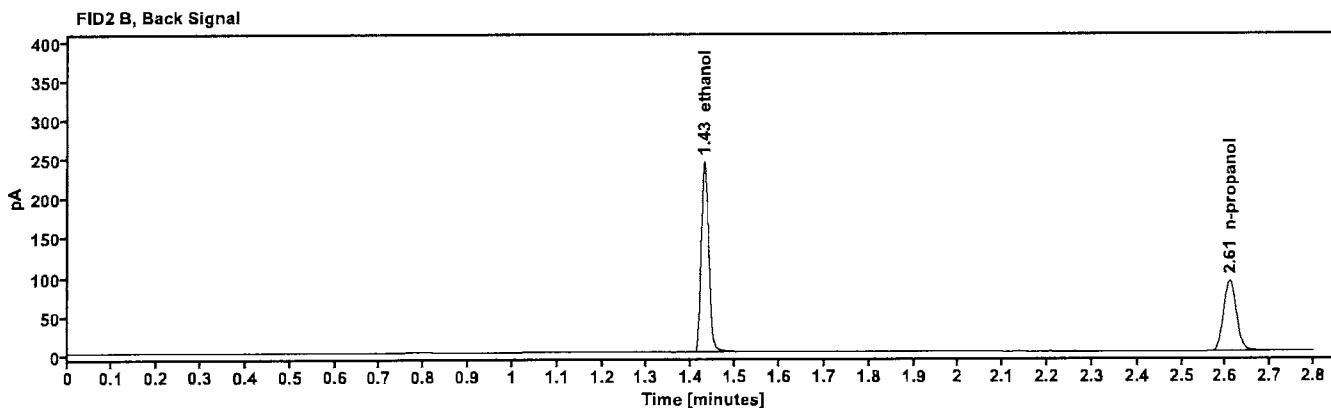
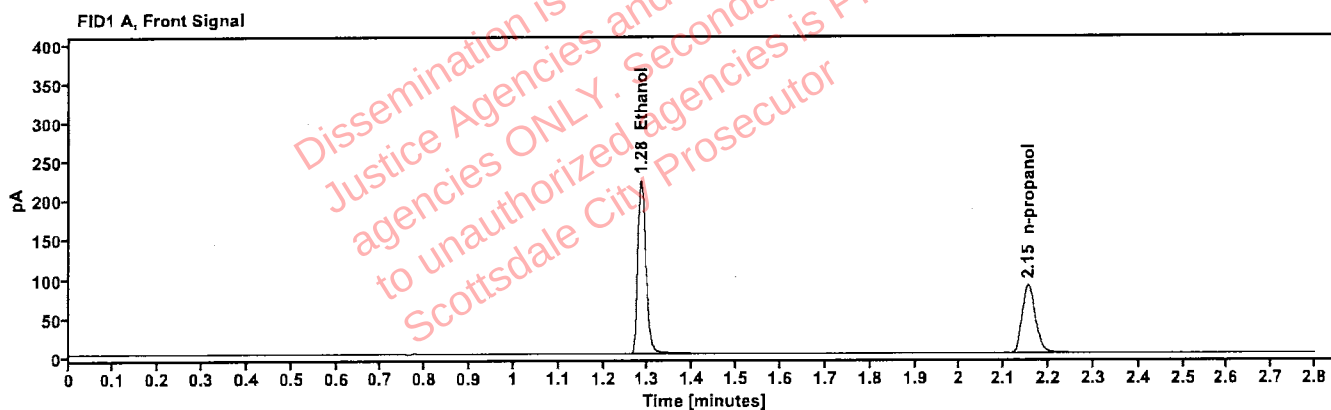


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.284	281.860
n-propanol	2.154	181.333

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

Compound	Time (min)	Peak Area
ethanol	1.430	291.914
n-propanol	2.609	187.596

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	112224WB	Vial:	5
Description:	negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/1/2025 11:16:24 PM
Data file:	C:\Chem32\1\Data\01Oct25\5.D	Analyst:	Brooke

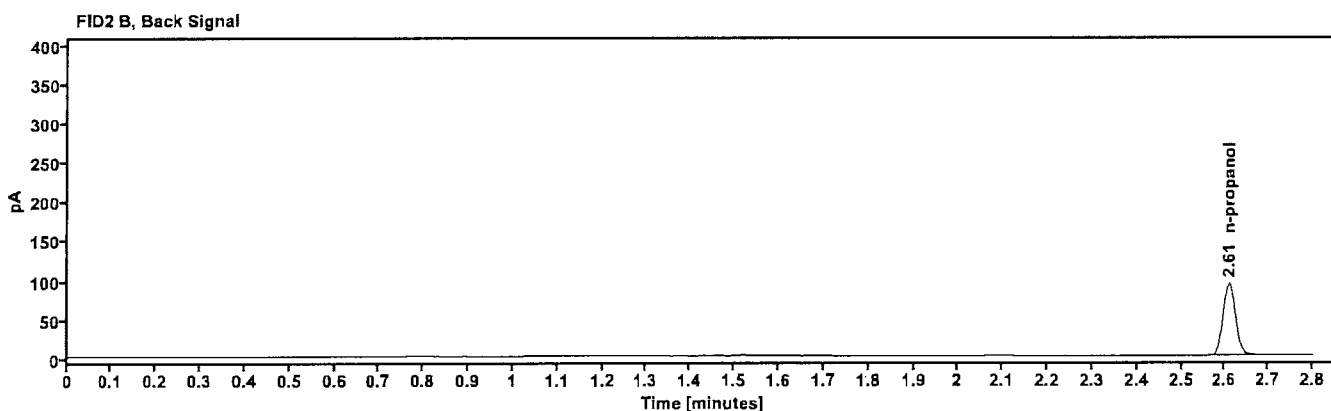
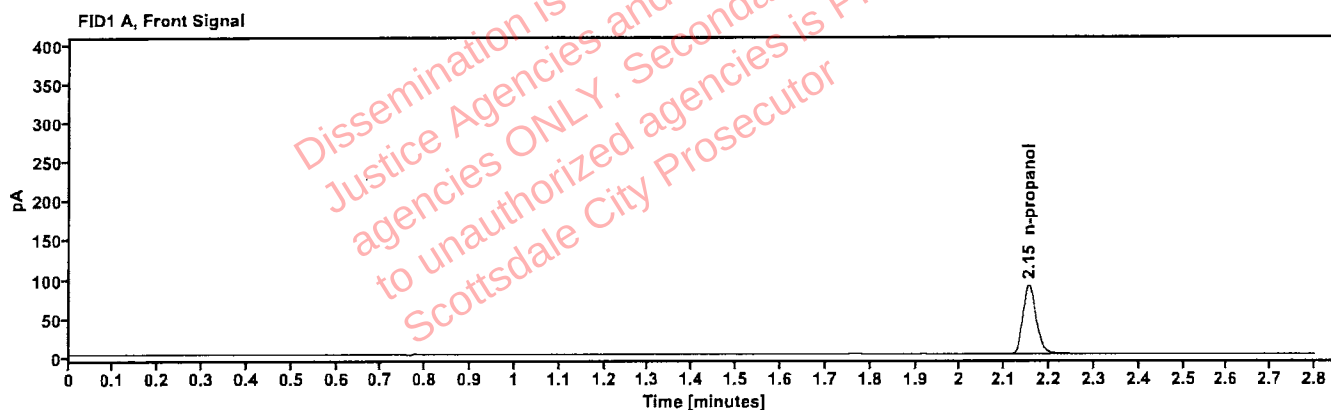


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-propanol	-----	2.154	183.368

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

Compound	Time (min)	Peak Area
n-propanol	2.609	189.879

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatile Mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/1/2025 11:20:12 PM
Data file:	C:\Chem32\1\Data\01Oct25\6.D	Analyst:	Brooke

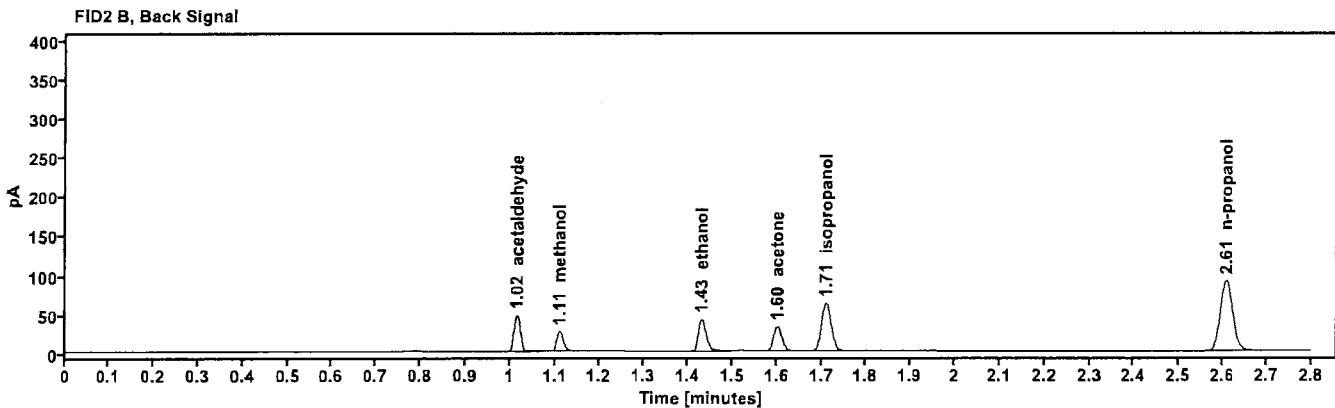
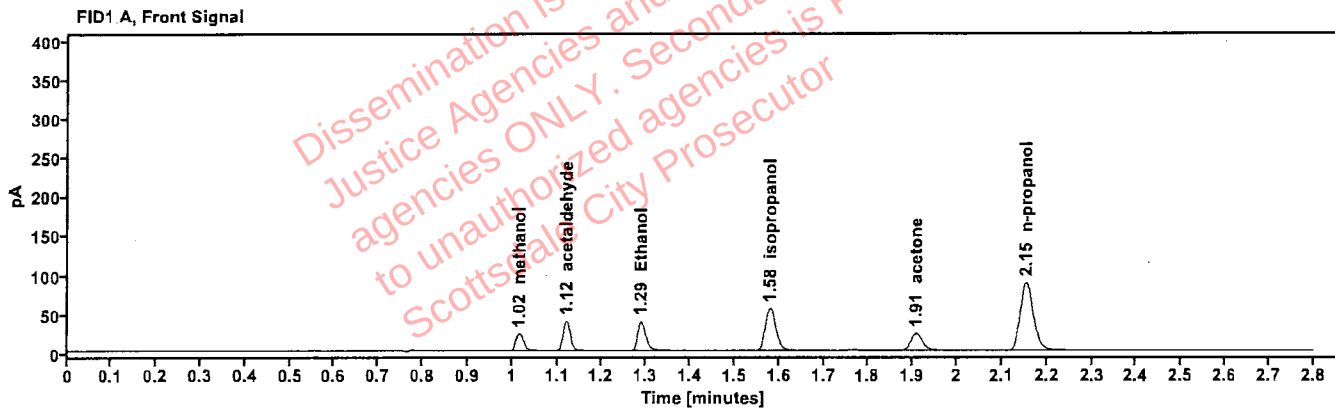


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
methanol	-----	1.016	25.507
acetaldehyde	-----	1.121	41.780
quantified Ethanol	0.0716	1.288	49.060
isopropanol	-----	1.580	89.599
acetone	-----	1.907	40.561
n-propanol	-----	2.153	180.956

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

Compound	Time (min)	Peak Area
acetaldehyde	1.016	43.458
methanol	1.111	26.315
ethanol	1.431	50.990
acetone	1.601	42.237
isopropanol	1.711	93.014
n-propanol	2.608	186.791

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/1/2025 11:25:12 PM
Data file:	C:\Chem32\1\Data\01Oct25\7.D	Analyst:	Brooke

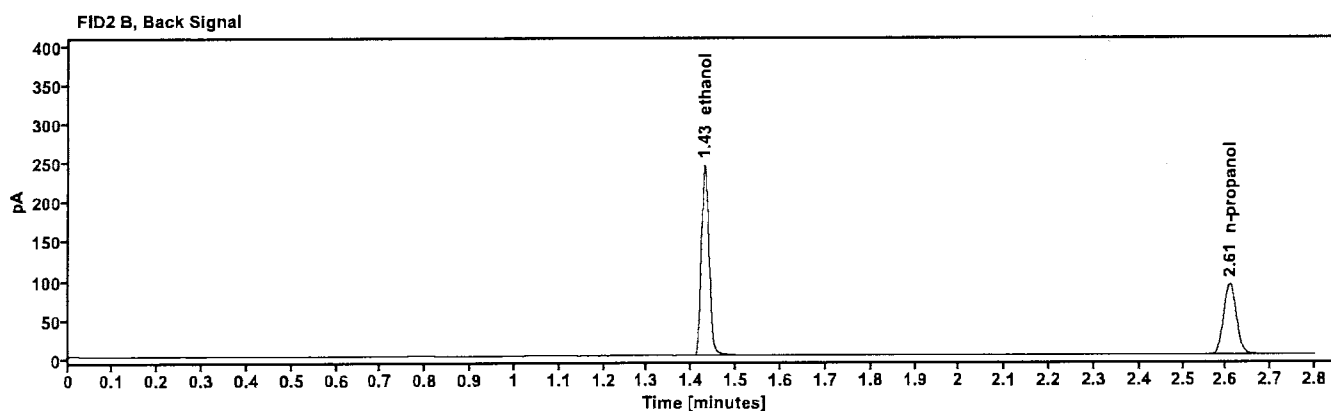
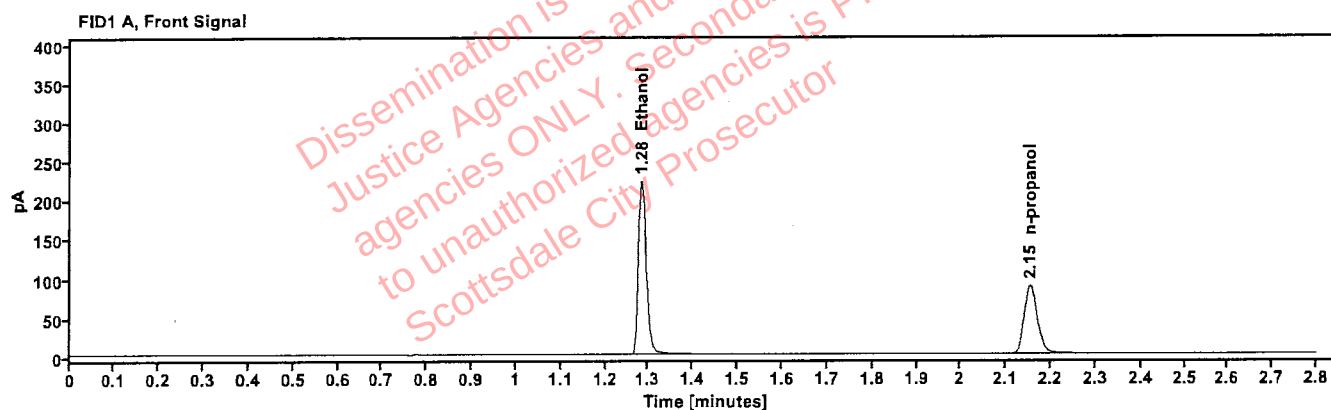


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.4011	1.284	282.590
n-propanol	—	2.153	181.573

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

Compound	Time (min)	Peak Area
ethanol	1.429	292.504
n-propanol	2.608	187.573

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/1/2025 11:29:00 PM
Data file:	C:\Chem32\1\Data\01Oct25\8.D	Analyst:	Brooke

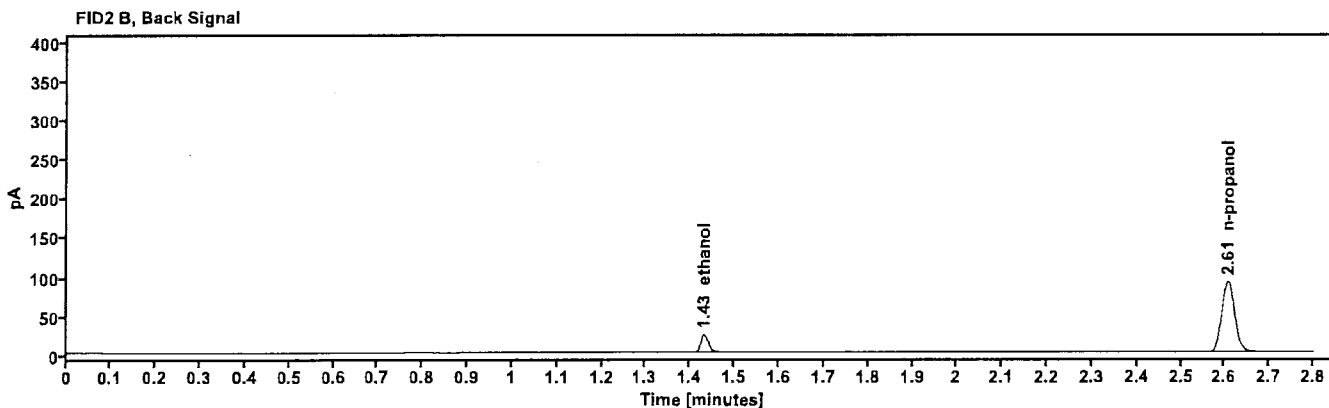
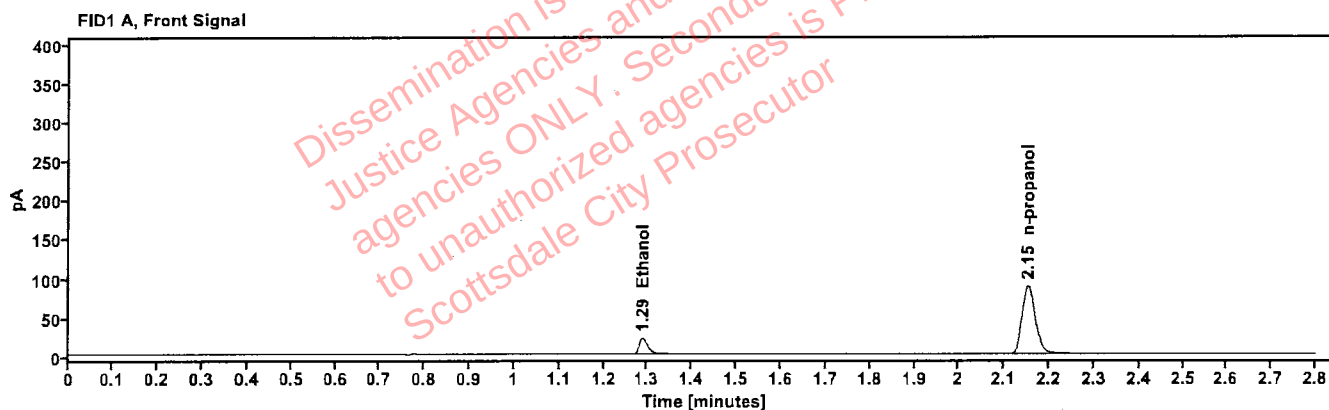


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0408	1.289	27.440
n-propanol	—	2.152	181.458

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

Compound	Time (min)	Peak Area
ethanol	1.431	28.469
n-propanol	2.607	187.474

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	Vial:	9
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/1/2025 11:32:48 PM
Data file:	C:\Chem32\1\Data\01Oct25\9.D	Analyst:	Brooke

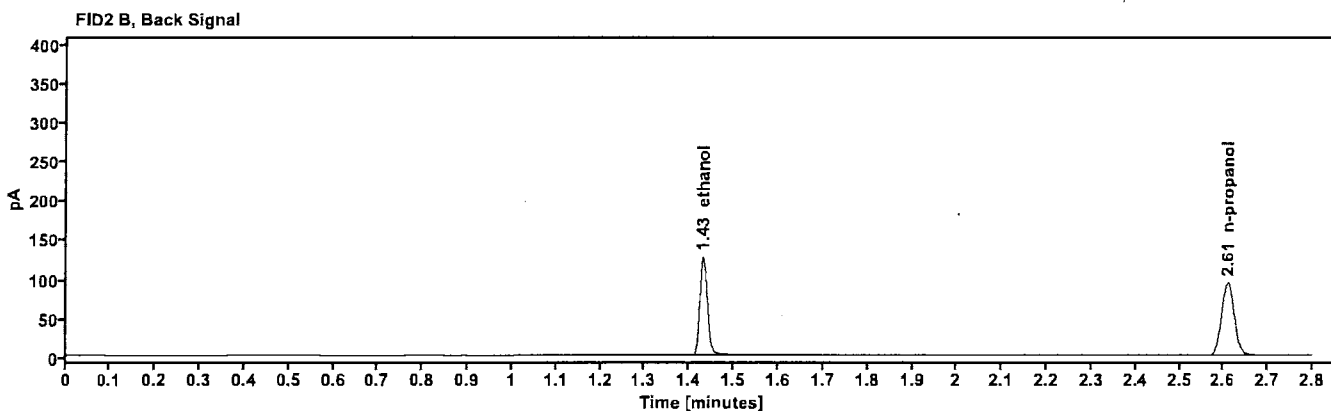
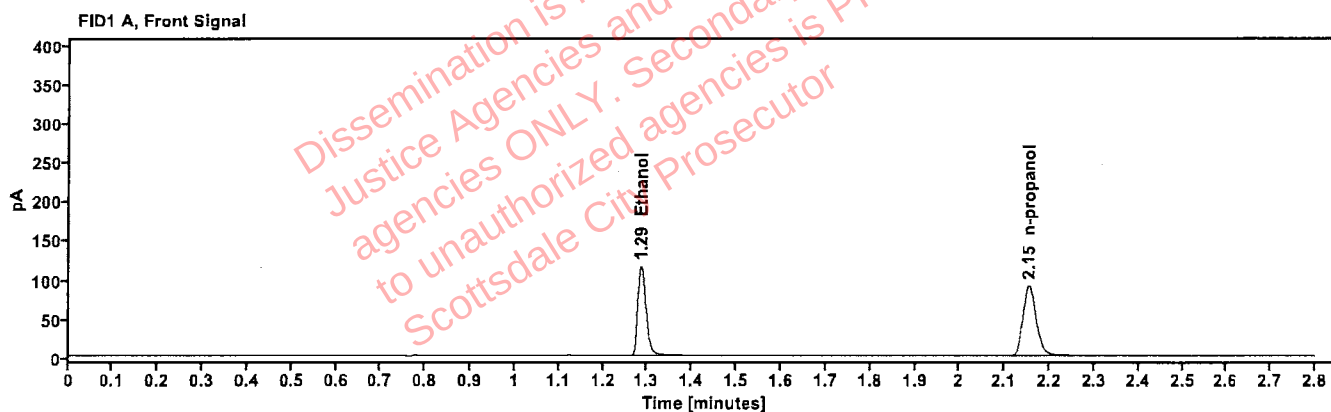


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2032	1.286	146.040
n-propanol	-----	2.153	186.190

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

Compound	Time (min)	Peak Area
ethanol	1.431	150.401
n-propanol	2.609	192.530

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 12:17:00 AM
Data file:	C:\Chem32\1\Data\01Oct25\20.D	Analyst:	Brooke

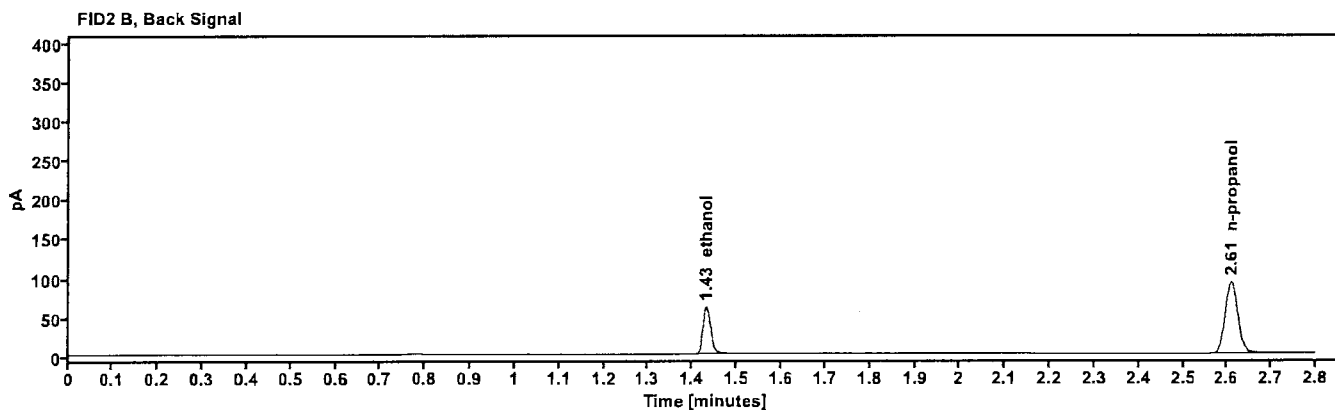
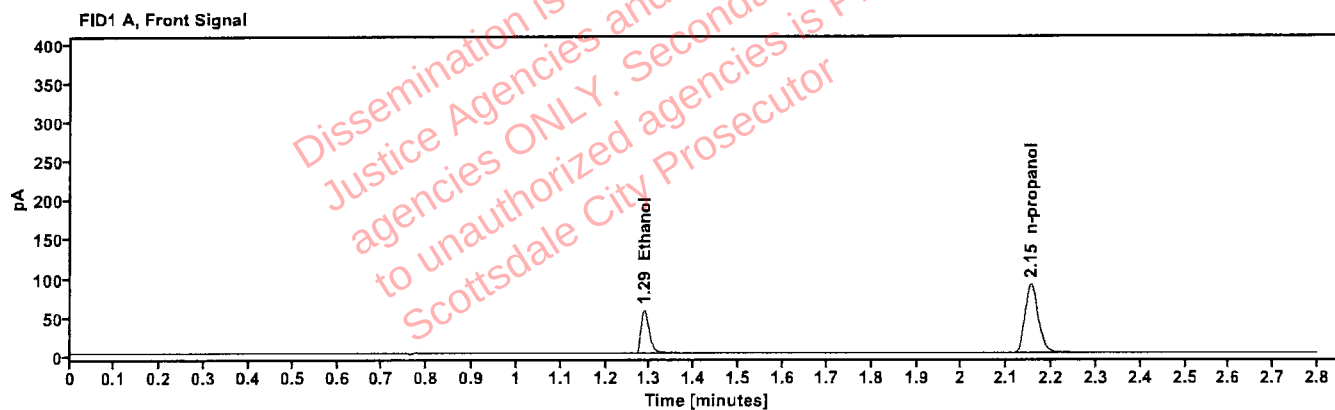


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1013	1.287	70.880
n-propanol	—	2.154	183.064

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

Compound	Time (min)	Peak Area
ethanol	1.431	73.183
n-propanol	2.609	189.226

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	Vial:	31
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:01:11 AM
Data file:	C:\Chem32\1\Data\01Oct25\31.D	Analyst:	Brooke

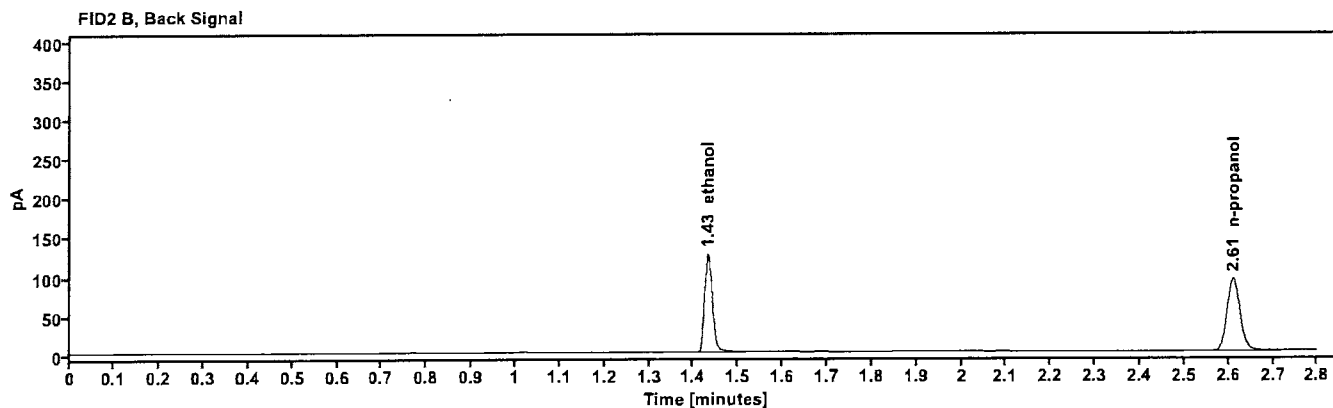
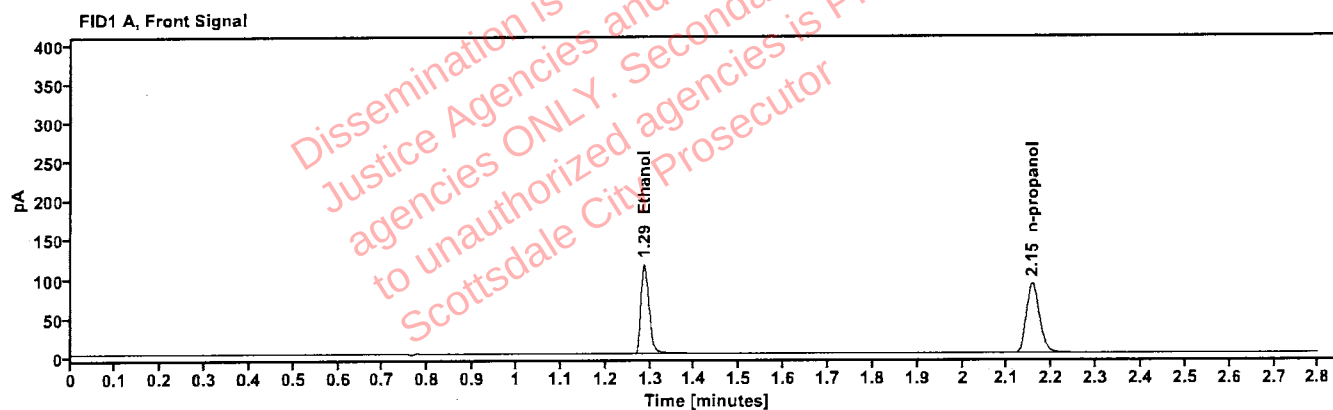


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2047	1.287	146.591
n-propanol	-----	2.155	185.462

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

Compound	Time (min)	Peak Area
ethanol	1.432	150.714
n-propanol	2.610	191.520

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	Vial:	42
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:44:11 AM
Data file:	C:\Chem32\1\Data\01Oct25\42.D	Analyst:	Brooke

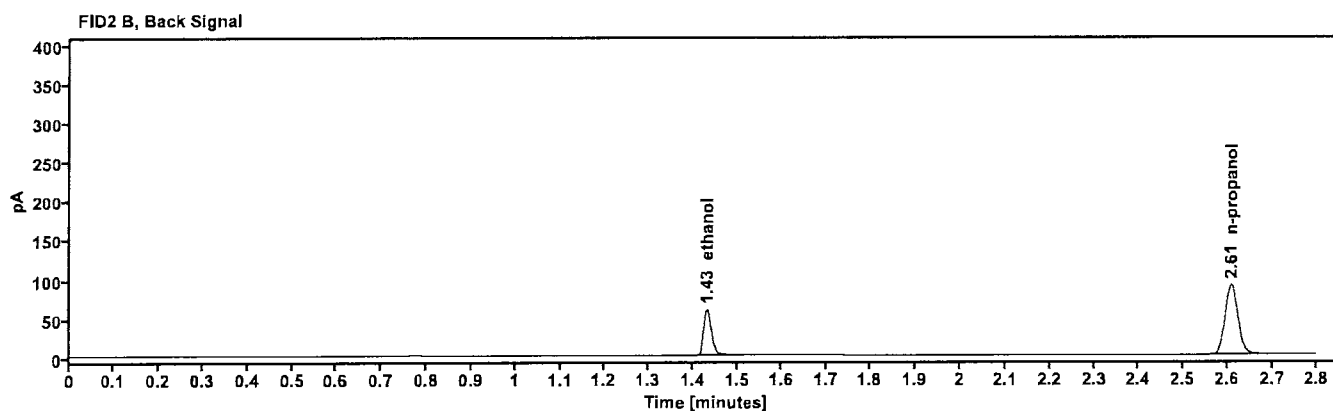
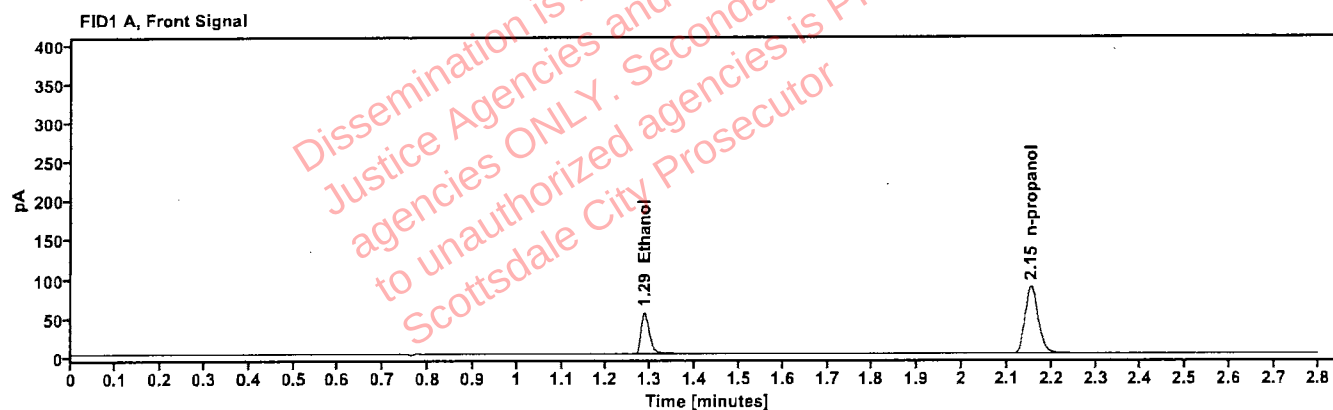


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1010	1.287	69.002
n-propanol	---	2.153	178.711

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

Compound	Time (min)	Peak Area
ethanol	1.431	70.841
n-propanol	2.608	184.572

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	Vial:	53
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 2:28:24 AM
Data file:	C:\Chem32\1\Data\01Oct25\53.D	Analyst:	Brooke

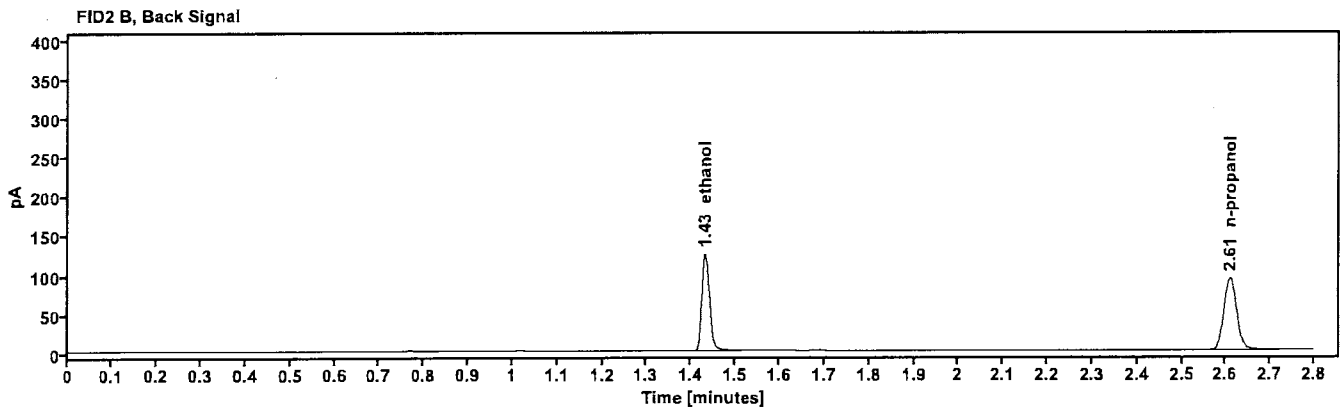
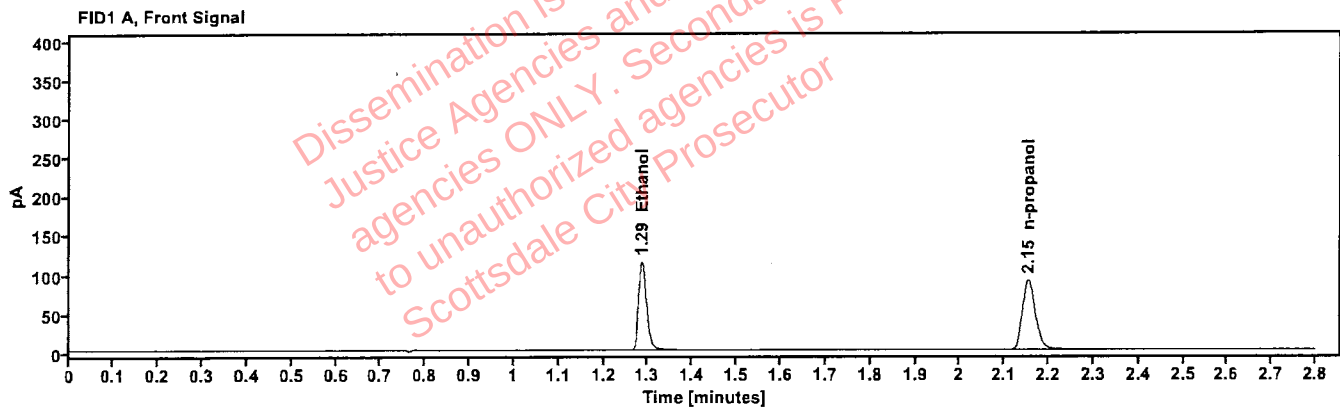


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2032	1.286	145.196
n-propanol	—	2.154	185.117

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

Compound	Time (min)	Peak Area
ethanol	1.431	149.353
n-propanol	2.609	191.075

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	64
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 3:12:36 AM
Data file:	C:\Chem32\1\Data\01Oct25\64.D	Analyst:	Brooke

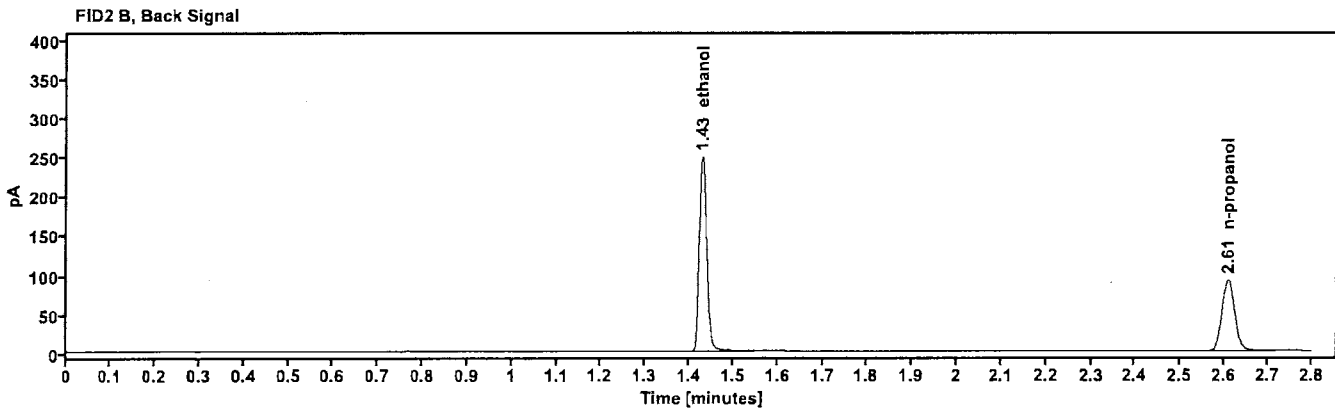
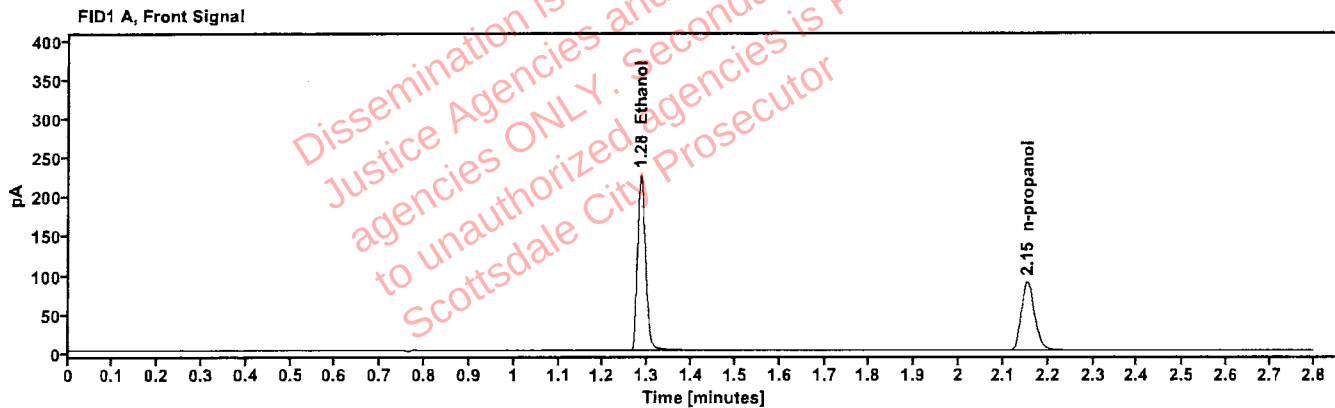


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.4050	1.285	286.796
n-propanol	—	2.153	182.492

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

Compound	Time (min)	Peak Area
ethanol	1.430	296.875
n-propanol	2.609	188.268

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	65
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 3:16:24 AM
Data file:	C:\Chem32\1\Data\01Oct25\65.D	Analyst:	Brooke

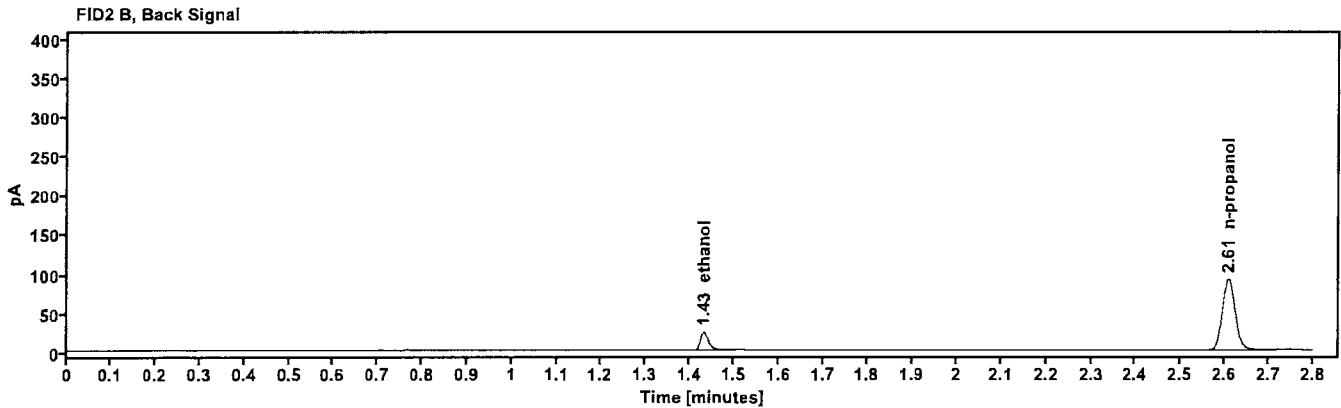
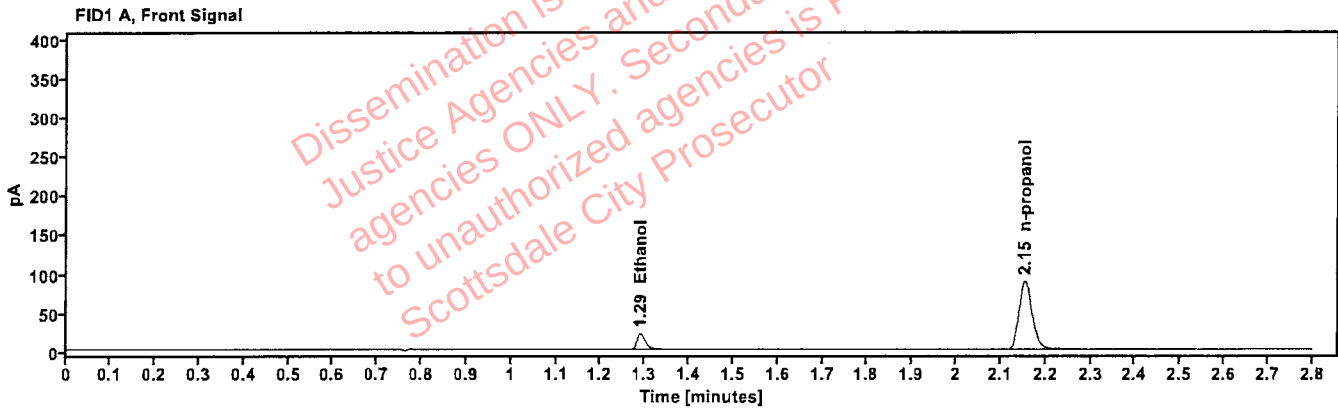


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0411	1.290	27.720
n-propanol	---	2.154	181.891

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

Compound	Time (min)	Peak Area
ethanol	1.432	28.615
n-propanol	2.609	187.811

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	Vial:	66
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 3:20:12 AM
Data file:	C:\Chem32\1\Data\01Oct25\66.D	Analyst:	Brooke

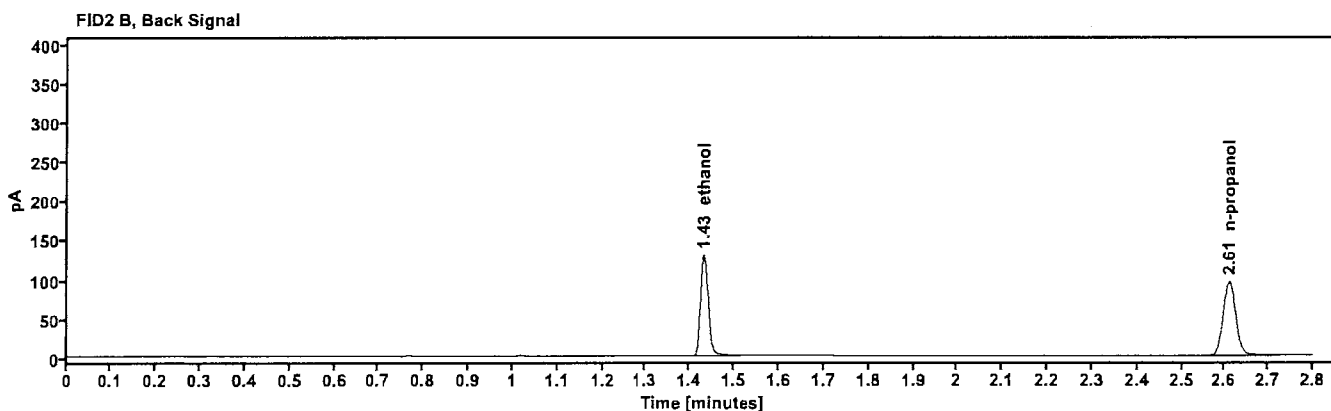
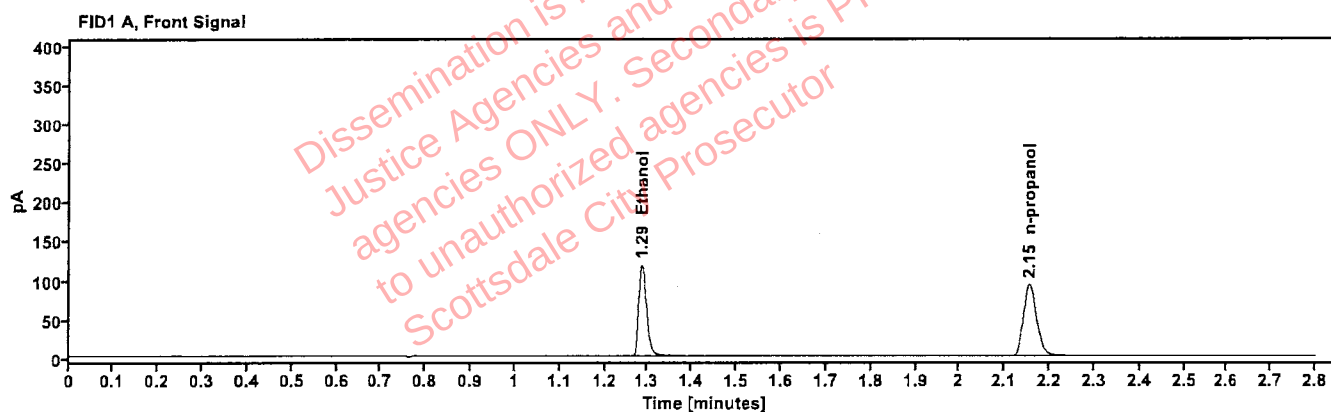


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2039	1.286	149.967
n-propanol	-----	2.154	190.544

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

Compound	Time (min)	Peak Area
ethanol	1.432	154.188
n-propanol	2.610	196.773

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	060925AQ	Vial:	67
Description:	negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 3:25:11 AM
Data file:	C:\Chem32\1\Data\01Oct25\67.D	Analyst:	Brooke

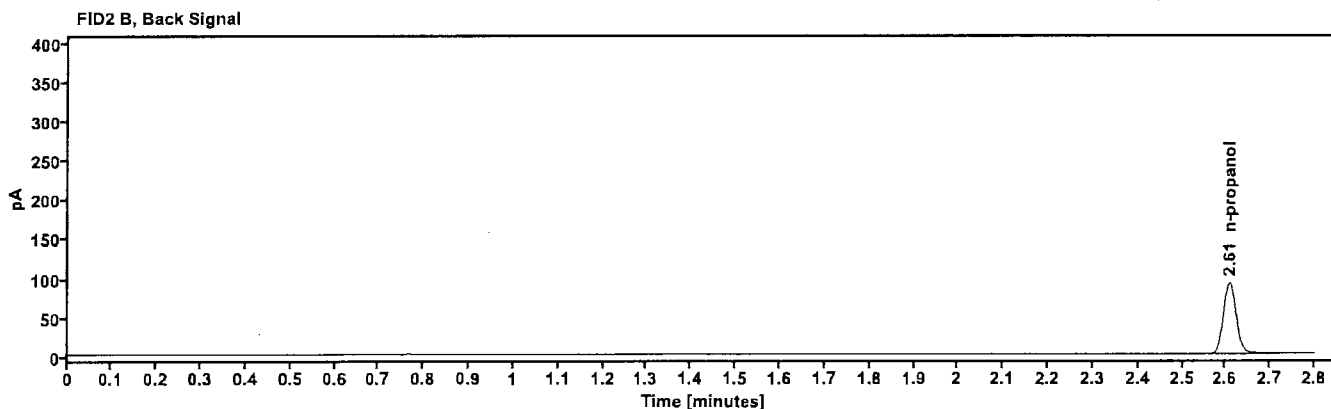
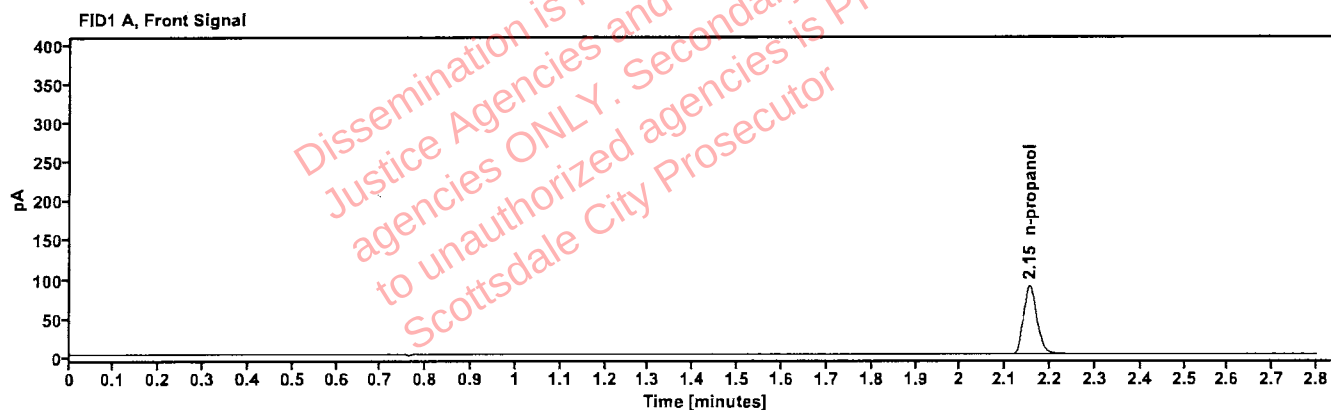


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-propanol	----	2.153	182.039

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

Compound	Time (min)	Peak Area
n-propanol	2.609	187.931

Sequence Summary

Page 1 of 2

RB

Sequence name: 01Oct25 Instrument: US2320A024 US23180007 Analyst: Brooke

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	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	FN03052102	0.400 Calibrator	Calibration		ethanol quant.M
5	112224WB	negative	Control		ethanol quant.M
6	050721MIX	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	2508068-2	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
11	2508068-2		Sample		ethanol quant.M
12	2517093-2		Sample		ethanol quant.M
13	2517093-2		Sample		ethanol quant.M
14	2517324-2		Sample		ethanol quant.M
15	2517324-2		Sample		ethanol quant.M
16	445-4J.B.		Sample		ethanol quant.M
17	445-4J.B.		Sample		ethanol quant.M
18	2518346-2		Sample		ethanol quant.M
19	2518346-2		Sample		ethanol quant.M
20	C1455120	0.100	Control		ethanol quant.M
21	425-01R.C.	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
22	425-01R.C.		Sample		ethanol quant.M
23	0435-01T.B.		Sample		ethanol quant.M
24	0435-01T.B.		Sample		ethanol quant.M
25	183-01F.R.		Sample		ethanol quant.M
26	183-01F.R.		Sample		ethanol quant.M
27	416-01J.G.		Sample		ethanol quant.M
28	416-01J.G.		Sample		ethanol quant.M
29	436-01D.S.		Sample		ethanol quant.M
30	436-01D.S.		Sample		ethanol quant.M
31	4130622206/10	0.203	Control		ethanol quant.M
32	2518619-2	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
33	2518619-2		Sample		ethanol quant.M
34	2517736-1		Sample		ethanol quant.M
35	2517736-1		Sample		ethanol quant.M
36	2518407-2		Sample		ethanol quant.M
37	2518407-2		Sample		ethanol quant.M
38	2518333-1		Sample		ethanol quant.M
39	2518333-1		Sample		ethanol quant.M
40	2518615-1		Sample		ethanol quant.M
41	2518615-1		Sample		ethanol quant.M
42	C1455120	0.100	Control		ethanol quant.M
43	2518542-3	[REDACTED]	Sample	[REDACTED]	ethanol quant.M
44	2518542-3		Sample		ethanol quant.M
45	2518627-1		Sample		ethanol quant.M
46	2518627-1		Sample		ethanol quant.M
47	2518702-1		Sample		ethanol quant.M

Sequence Summary

78

Page 2 of 2

48	2518702-1		Sample		ethanol quant.M
49	2518779-2		Sample		ethanol quant.M
50	2518779-2		Sample		ethanol quant.M
51	2518692-2		Sample		ethanol quant.M
52	2518692-2		Sample		ethanol quant.M
53	4130622206/10	0.203	Control		ethanol quant.M
54	2518783-1		Sample		ethanol quant.M
55	2518783-1		Sample		ethanol quant.M
56	2518851-1		Sample		ethanol quant.M
57	2518851-1		Sample		ethanol quant.M
58	2518820-5		Sample		ethanol quant.M
59	2518820-5		Sample		ethanol quant.M
60	2519057-2		Sample		ethanol quant.M
61	2519057-2		Sample		ethanol quant.M
62	2508623-1		Sample		ethanol quant.M
63	2508623-1		Sample		ethanol quant.M
64	12052023-B	0.400	Control		ethanol quant.M
65	518018	0.040	Control		ethanol quant.M
66	4130622206/10	0.203	Control		ethanol quant.M
67	060925AQ	negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory

Summary of Cases

AB

SEQUENCE NAME: 01Oct25

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference(g/dL)*
10 11	0.1855	0.1850	0.18525	0.13	0.00025
12 13	0.1235	0.1267	0.12510	1.28	0.00160
14 15	0.1302	0.1309	0.13055	0.27	0.00035
16 17	0.0000	0.0000	0.00000	0.00	0.00000
18 19	0.2154	0.2143	0.21485	0.26	0.00055
21 22	0.1235	0.1237	0.12360	0.08	0.00010
23 24	0.2118	0.2130	0.21240	0.28	0.00060
25 26	0.2290	0.2306	0.22980	0.35	0.00080
27 28	0.0988	0.1000	0.09940	0.60	0.00060
29 30	0.1252	0.1230	0.12410	0.89	0.00110
32 33	0.1522	0.1498	0.15100	0.79	0.00120
34 35	0.0662	0.0666	0.06640	0.30	0.00020
36 37	0.0919	0.0908	0.09135	0.60	0.00055
38 39	0.2611	0.2612	0.26115	0.02	0.00005
40 41	0.0834	0.0838	0.08360	0.24	0.00020
43 44	0.2536	0.2543	0.25395	0.14	0.00035
45 46	0.0000	0.0000	0.00000	0.00	0.00000
47 48	0.1859	0.1872	0.18655	0.35	0.00065
49 50	0.2255	0.2275	0.22650	0.44	0.00100
51 52	0.2767	0.2788	0.27775	0.38	0.00105
54 55	0.1851	0.1862	0.18565	0.30	0.00055
56 57	0.1578	0.1583	0.15805	0.16	0.00025
58 59	0.0696	0.0702	0.06990	0.43	0.00030
60 61	0.1957	0.1949	0.19530	0.20	0.00040
62 63	0.1469	0.1481	0.14750	0.41	0.00060

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

15

SEQUENCE: 01Oct25

page 1 of 1

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508068-2	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/1/2025 11:36:36 PM
Data file:	C:\Chem32\1\Data\01Oct25\10.D	Analyst:	Brooke

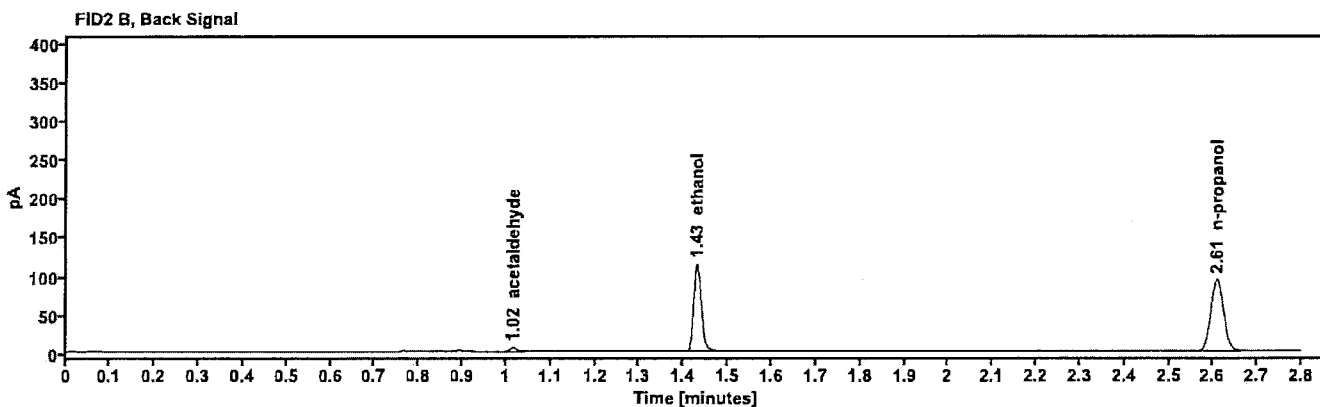
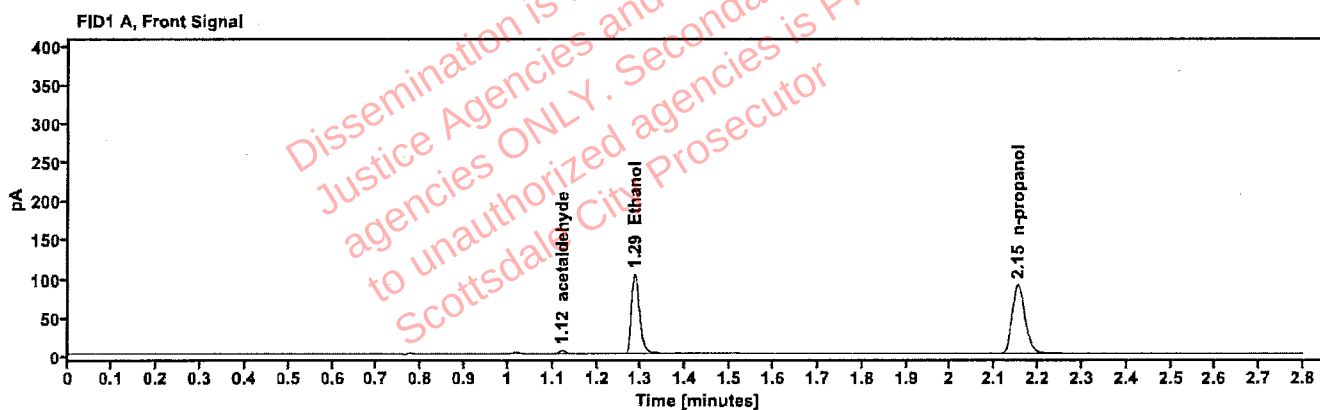


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
acetaldehyde	—	1.122	4.705
quantified Ethanol	0.1855	1.286	131.570
n-propanol	—	2.153	183.865

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

Compound	Time (min)	Peak Area
acetaldehyde	1.016	5.029
ethanol	1.430	135.746
n-propanol	2.608	190.494

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508068-2	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/1/2025 11:40:23 PM
Data file:	C:\Chem32\1\Data\01Oct25\11.D	Analyst:	Brooke

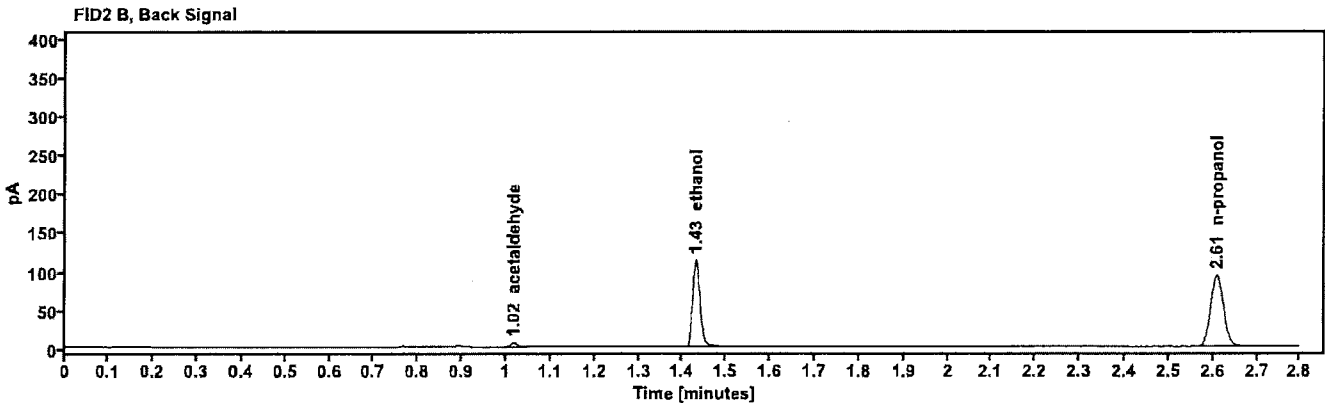
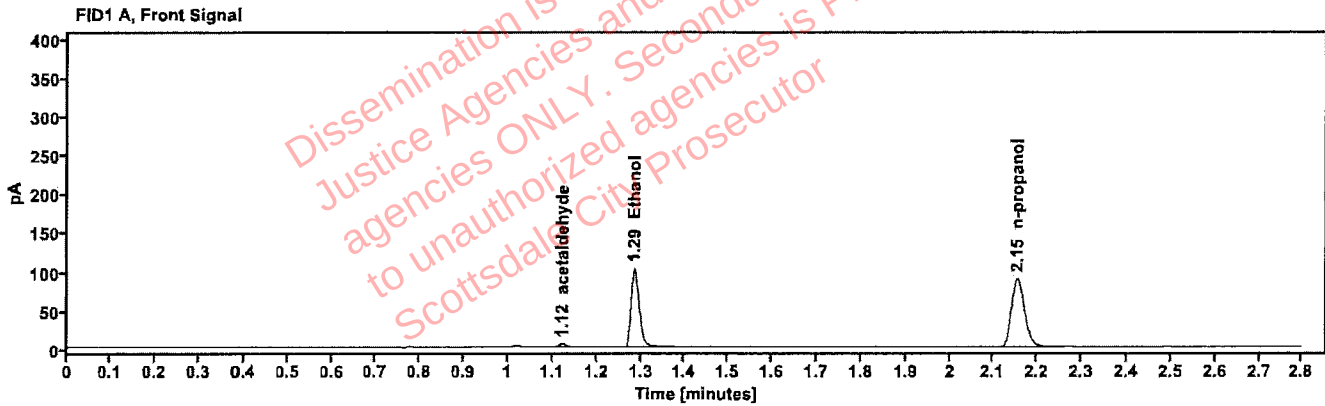


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
acetaldehyde	—	1.122	4.776
quantified Ethanol	0.1850	1.286	130.834
n-propanol	—	2.153	183.332

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

Compound	Time (min)	Peak Area
acetaldehyde	1.016	5.082
ethanol	1.430	134.560
n-propanol	2.609	190.125

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517093-2	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/1/2025 11:44:12 PM
Data file:	C:\Chem32\1\Data\01Oct25\12.D	Analyst:	Brooke

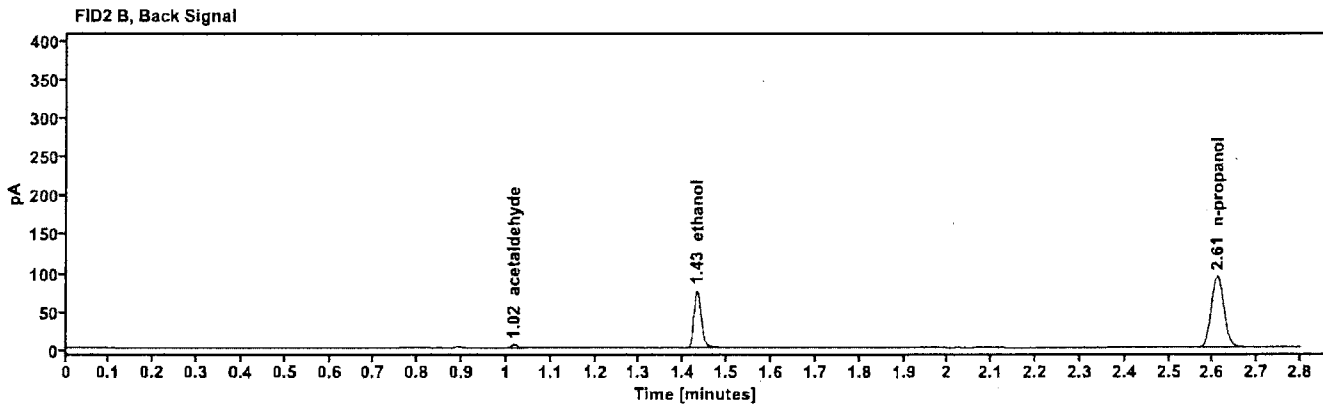
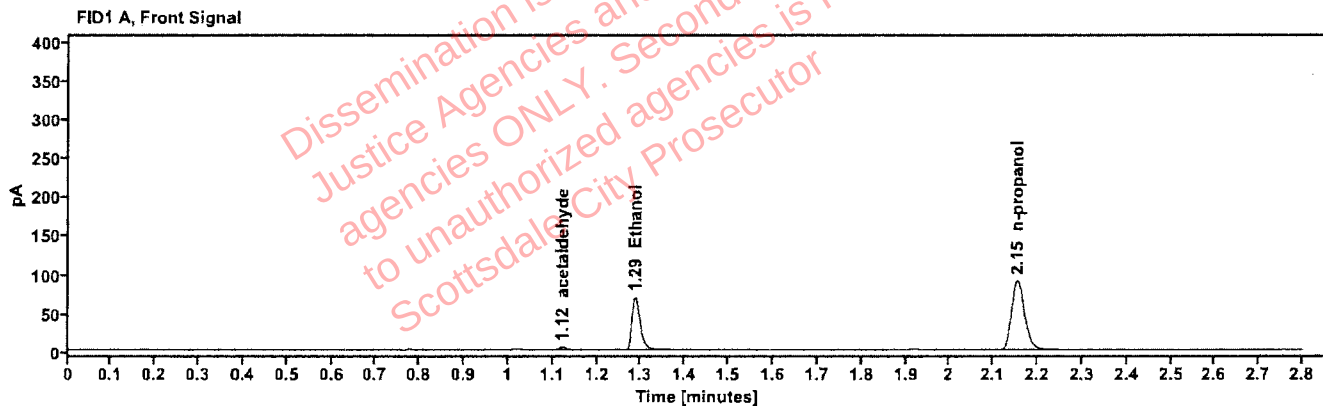


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
acetaldehyde	---	1.122	3.758
quantified Ethanol	0.1235	1.287	87.268
n-propanol	---	2.154	184.303

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	4.009
ethanol	1.431	89.857
n-propanol	2.610	190.588

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517093-2	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/1/2025 11:49:12 PM
Data file:	C:\Chem32\1\Data\01Oct25\13.D	Analyst:	Brooke

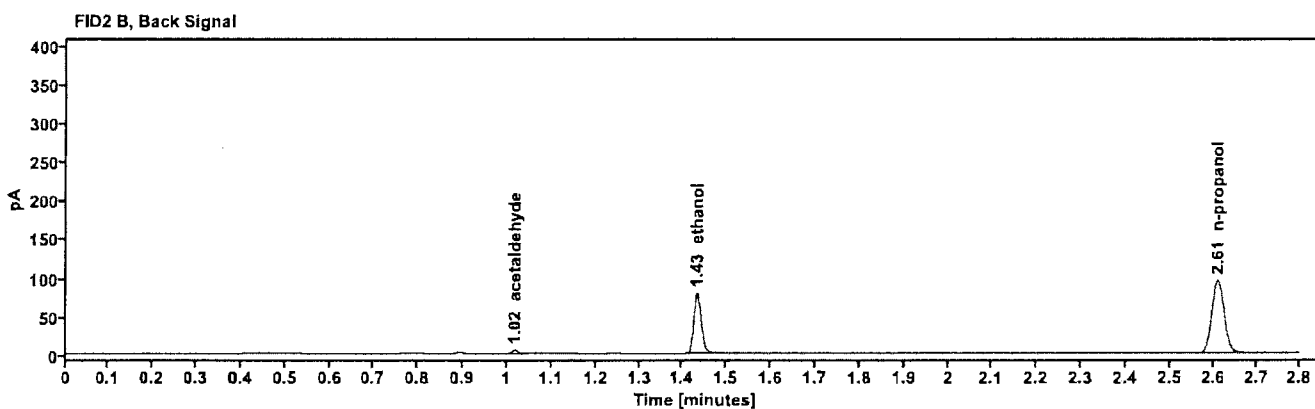
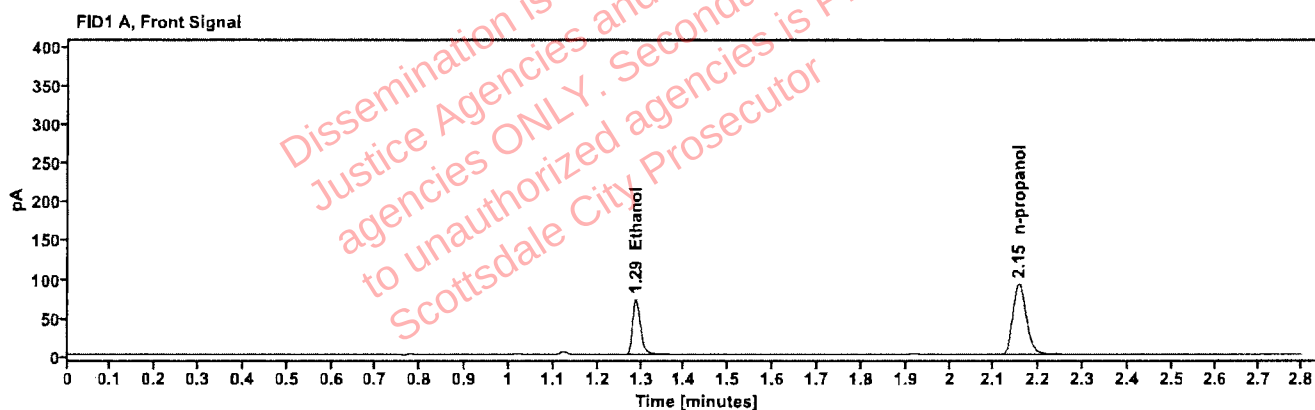


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1267	1.287	91.425
n-propanol	---	2.155	188.092

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

Compound	Time (min)	Peak Area
acetaldehyde	1.018	3.942
ethanol	1.432	94.010
n-propanol	2.610	194.447

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517324-2	Vial:	14
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/1/2025 11:53:00 PM
Data file:	C:\Chem32\1\Data\01Oct25\14.D	Analyst:	Brooke

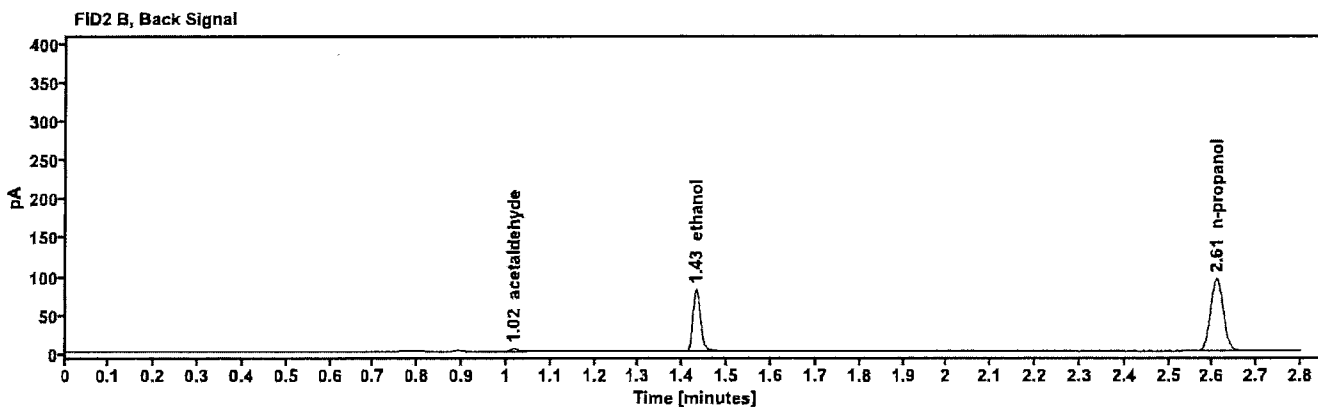
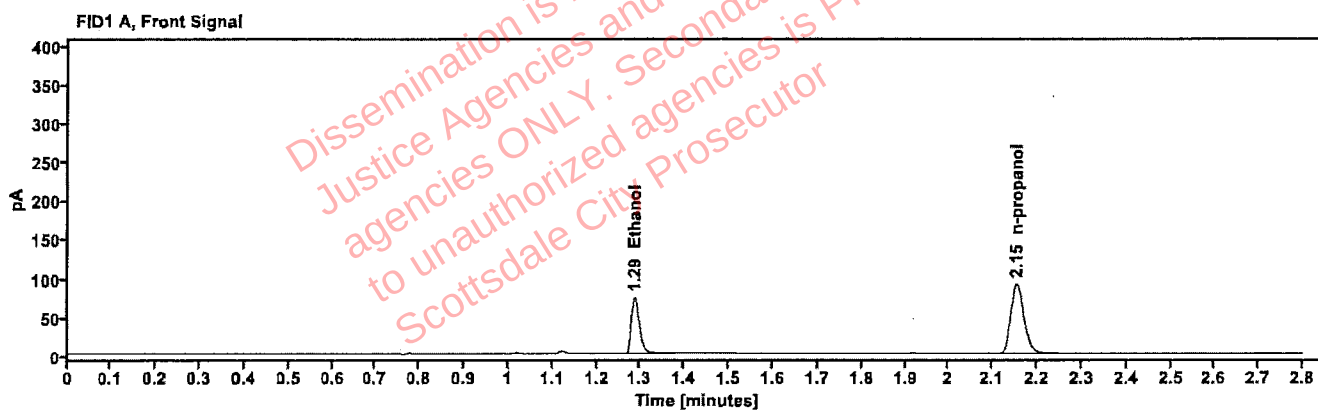


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1302	1.287	93.364
n-propanol	—	2.154	186.813

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	3.842
ethanol	1.431	96.152
n-propanol	2.609	193.092

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517324-2	Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/1/2025 11:56:48 PM
Data file:	C:\Chem32\1\Data\01Oct25\15.D	Analyst:	Brooke

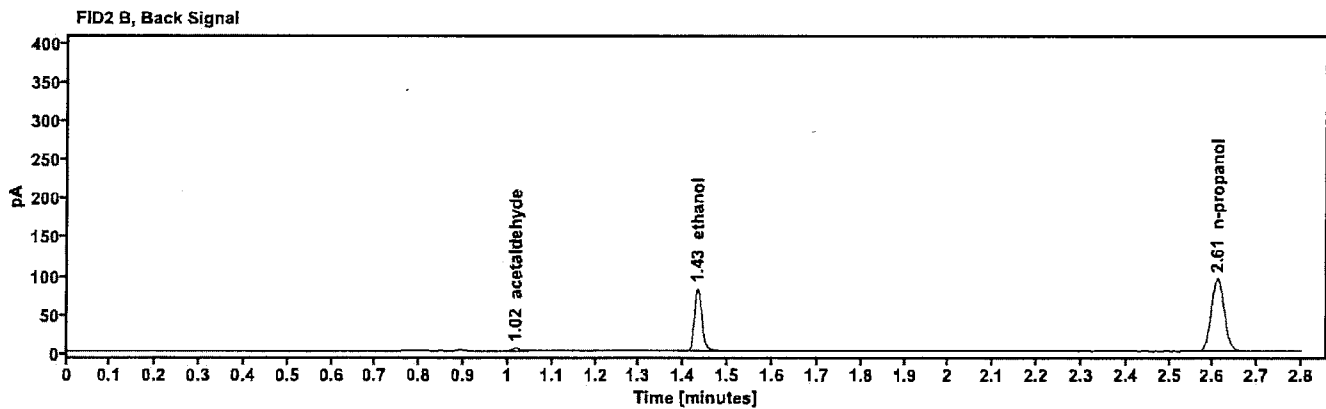
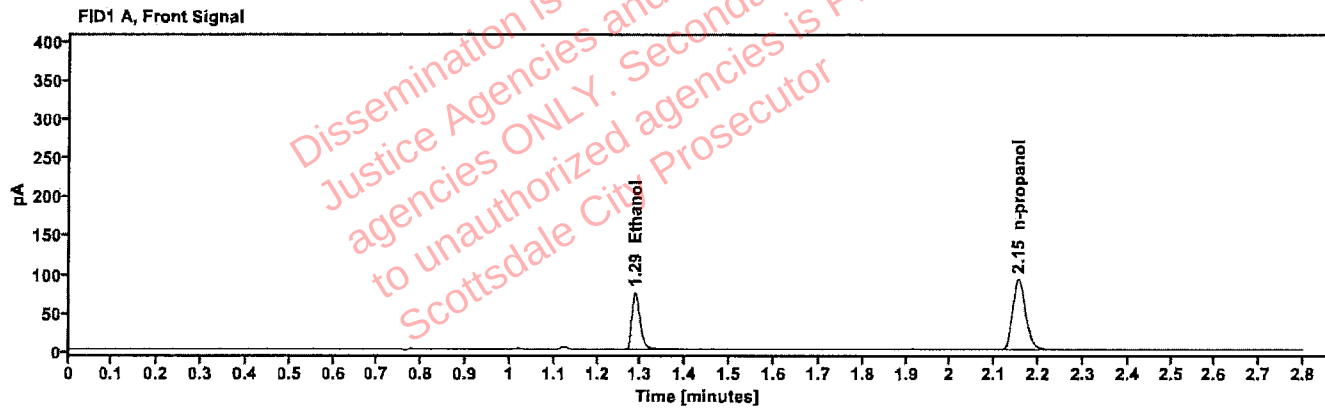


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1309	1.287	94.332
n-propanol	—	2.154	187.762

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	3.797
ethanol	1.432	97.091
n-propanol	2.610	194.045

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	445-4J.B.	Vial:	16
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 12:00:36 AM
Data file:	C:\Chem32\1\Data\01Oct25\16.D	Analyst:	Brooke

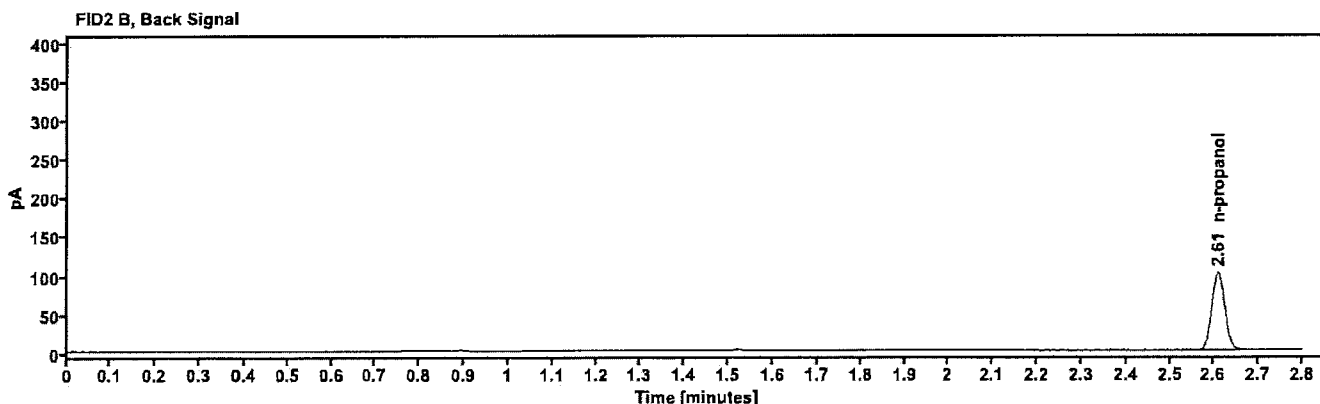
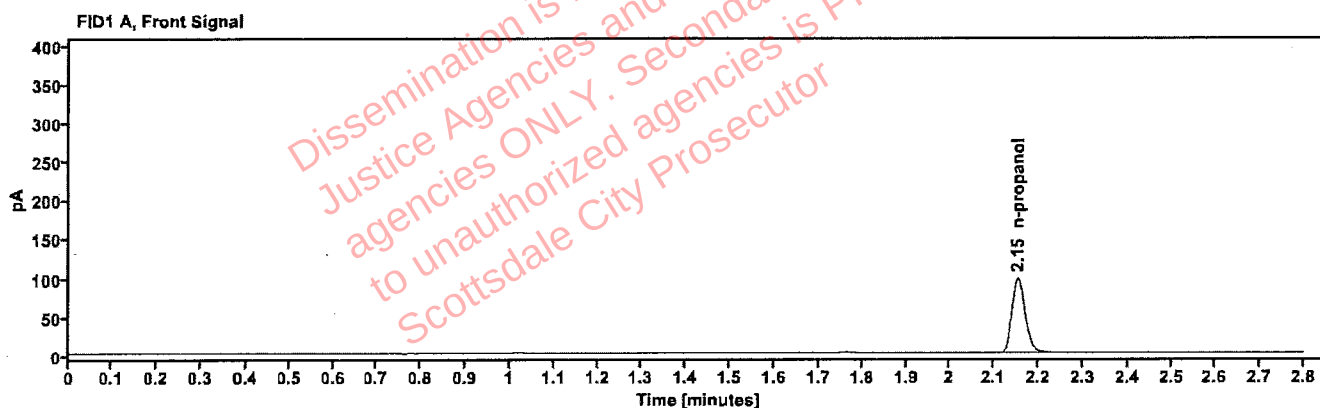


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-propanol	—	2.153	199.234

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

Compound	Time (min)	Peak Area
n-propanol	2.609	206.483

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	445-4J.B.	Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 12:04:24 AM
Data file:	C:\Chem32\1\Data\01Oct25\17.D	Analyst:	Brooke

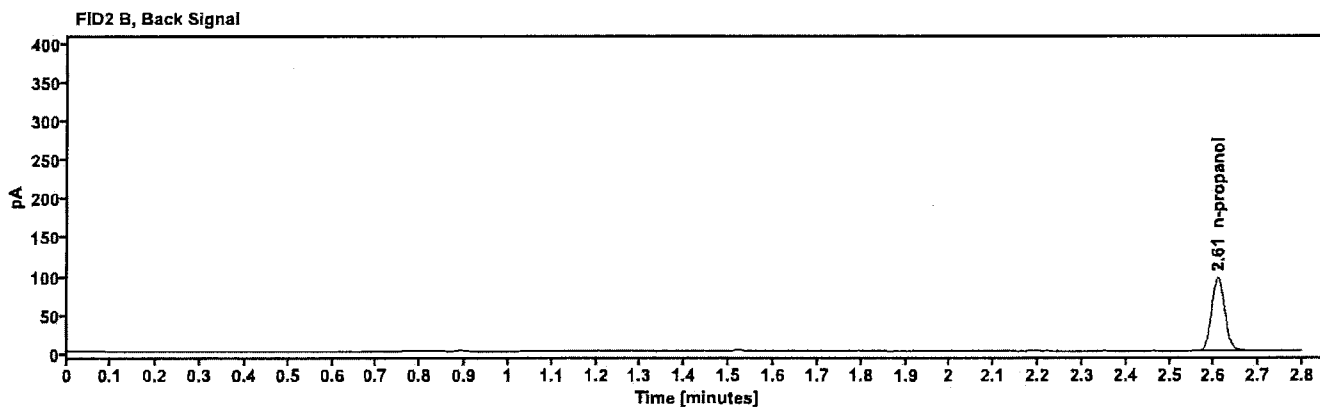
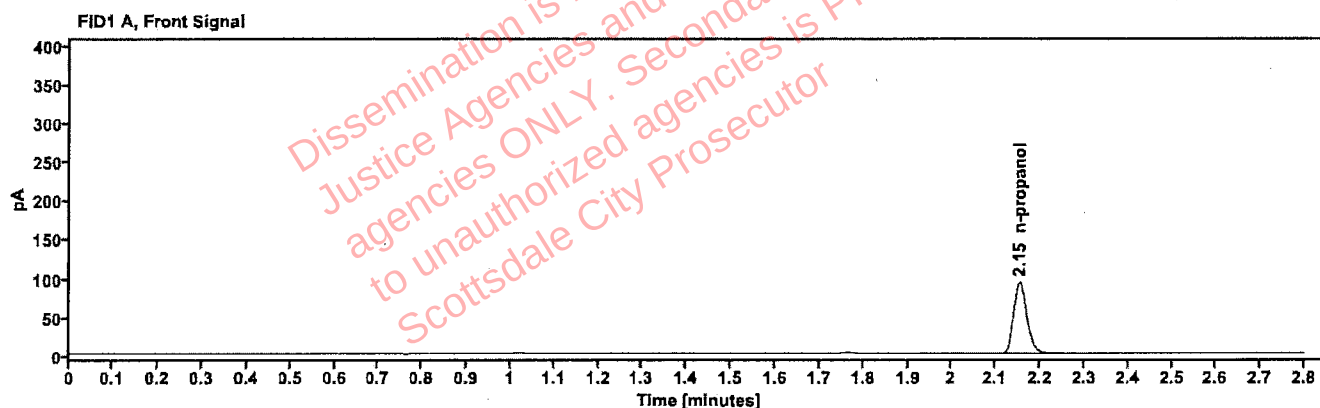


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-propanol	---	2.153	189.278

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

Compound	Time (min)	Peak Area
n-propanol	2.608	196.091

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518346-2	Vial:	18
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 12:08:12 AM
Data file:	C:\Chem32\11\Data\01Oct25\18.D	Analyst:	Brooke

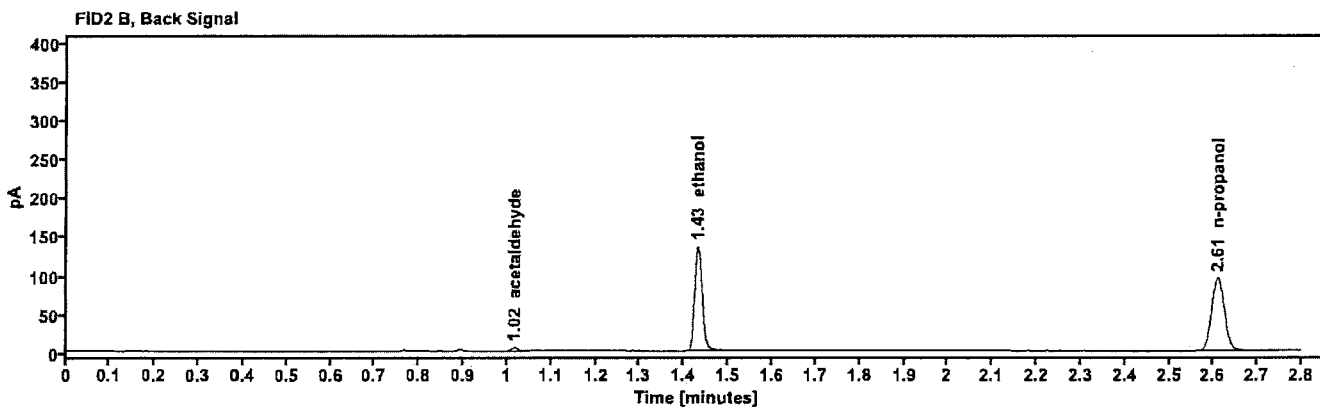
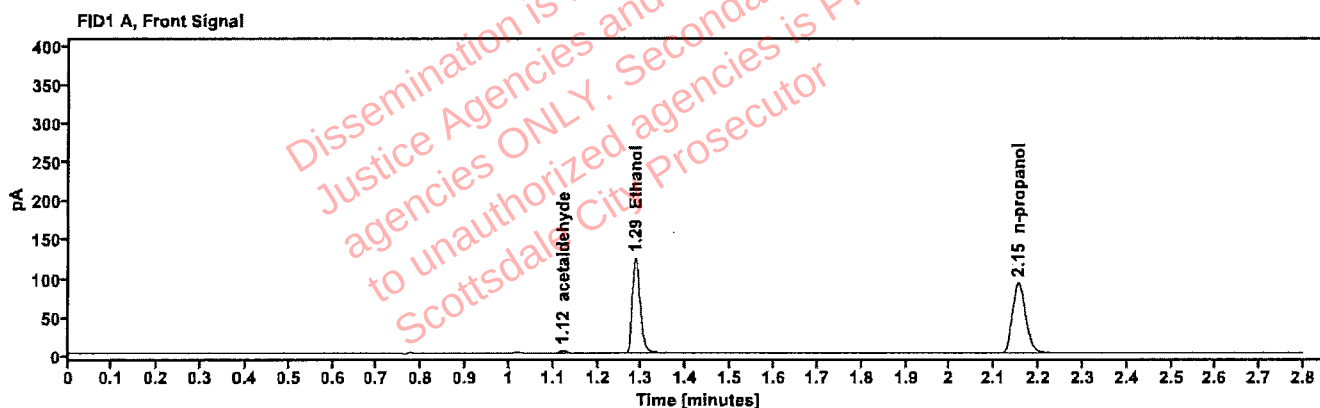


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
acetaldehyde	—	1.122	3.937
quantified Ethanol	0.2154	1.286	156.557
n-propanol	—	2.154	188.113

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	4.171
ethanol	1.431	161.297
n-propanol	2.609	194.391

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518346-2	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 12:13:11 AM
Data file:	C:\Chem32\1\Data\01Oct25\19.D	Analyst:	Brooke

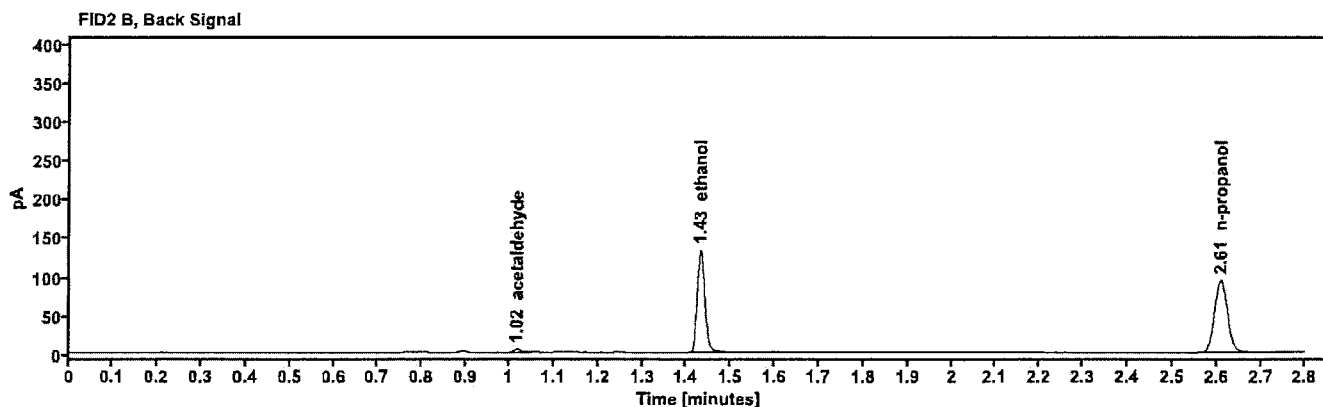
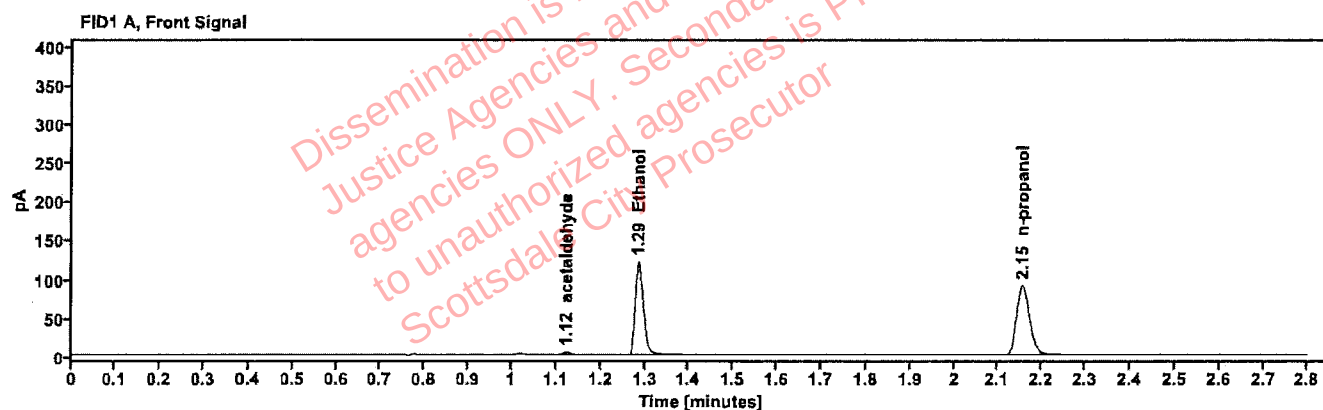


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
acetaldehyde	—	1.122	3.789
quantified Ethanol	0.2143	1.286	153.873
n-propanol	—	2.154	185.876

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	4.040
ethanol	1.431	158.805
n-propanol	2.609	192.107

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	425-01R.C.	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 12:20:48 AM
Data file:	C:\Chem32\1\Data\01Oct25\21.D	Analyst:	Brooke

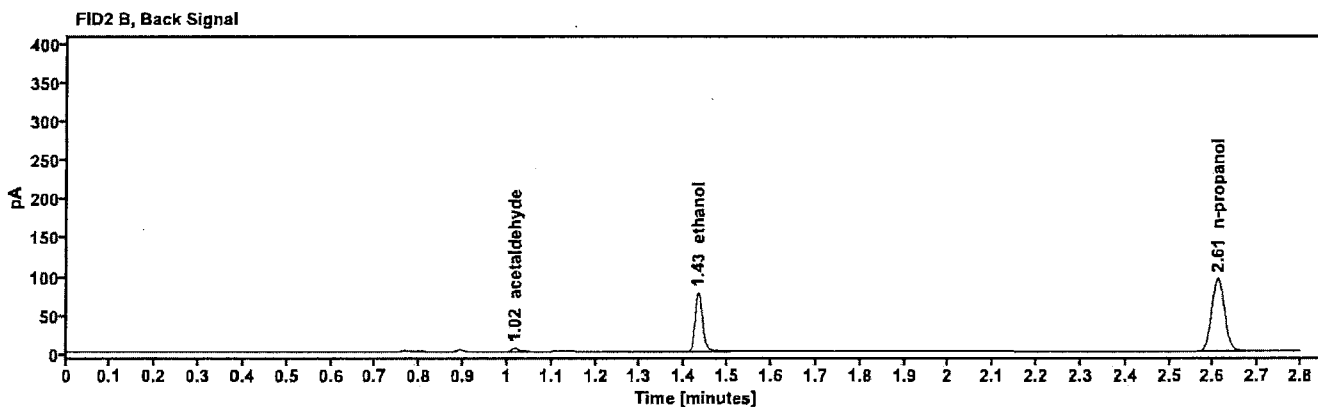
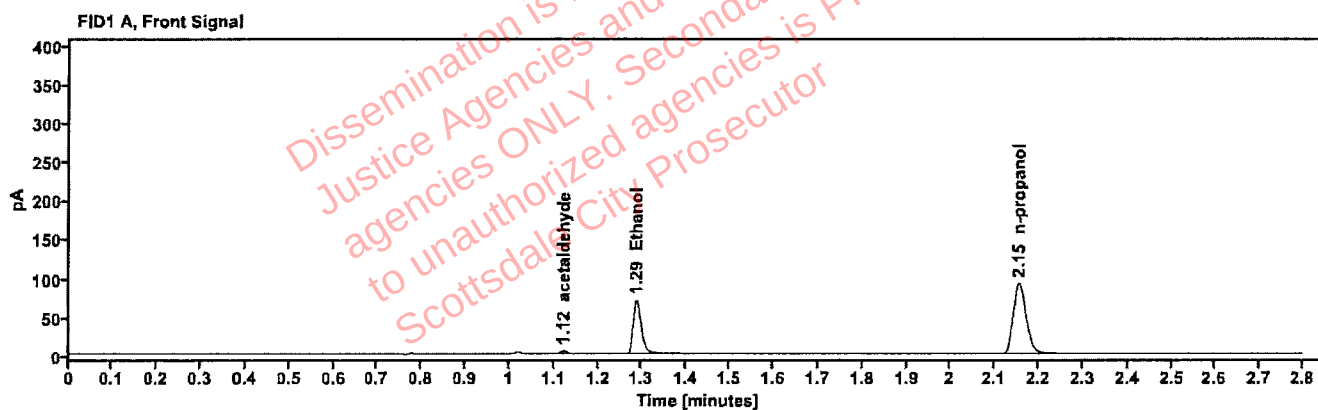


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
acetaldehyde	—	1.122	4.123
quantified Ethanol	0.1235	1.287	88.787
n-propanol	—	2.154	187.469

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	4.392
ethanol	1.432	91.646
n-propanol	2.610	194.215

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	425-01R.C.	Vial:	22
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 12:24:36 AM
Data file:	C:\Chem32\1\Data\01Oct25\22.D	Analyst:	Brooke

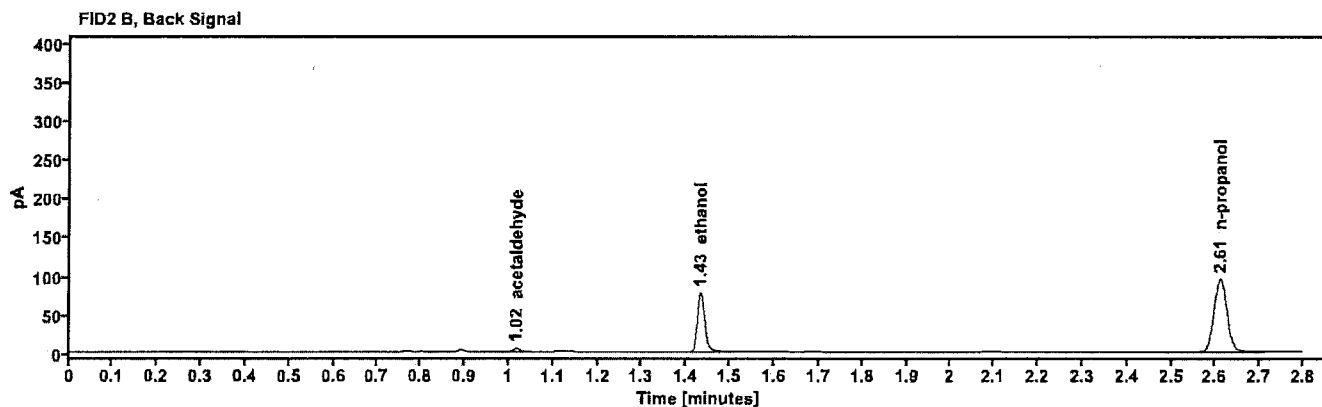
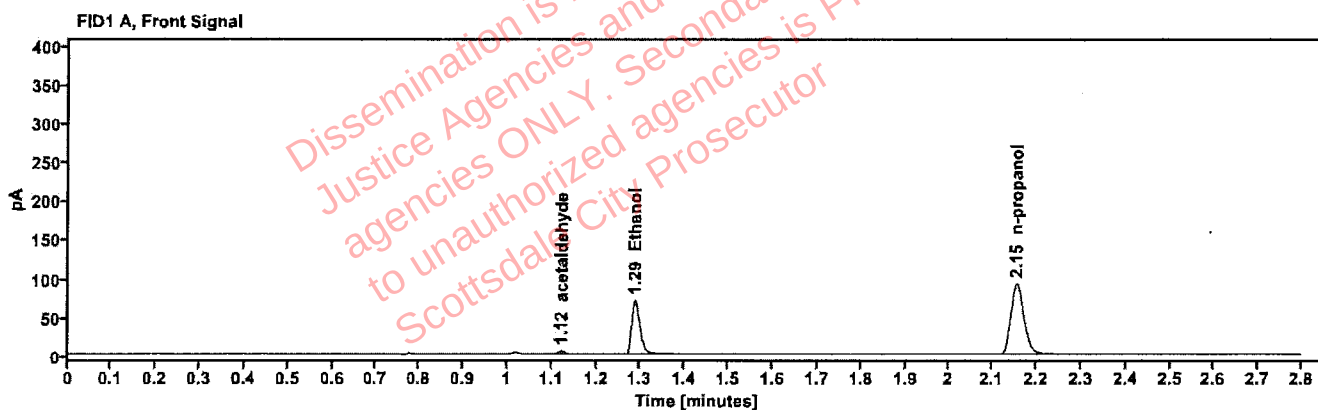


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
acetaldehyde	—	1.123	4.142
quantified Ethanol	0.1237	1.288	89.088
n-propanol	—	2.155	187.797

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	4.369
ethanol	1.432	91.776
n-propanol	2.610	194.412

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0435-01T.B.	Vial:	23
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 12:28:24 AM
Data file:	C:\Chem32\1\Data\01Oct25\23.D	Analyst:	Brooke

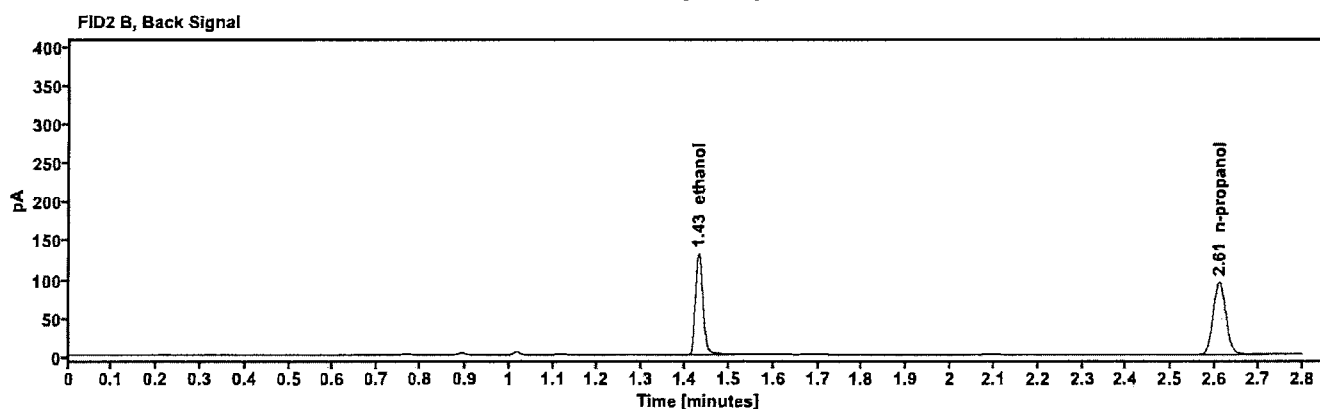
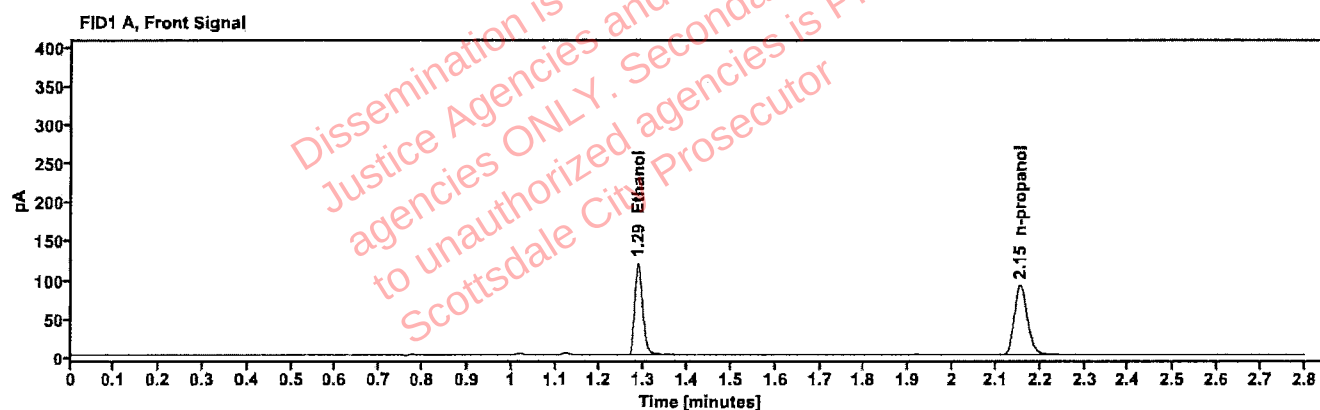


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2118	1.286	152.009
n-propanol	-----	2.154	185.781

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

Compound	Time (min)	Peak Area
ethanol	1.431	156.738
n-propanol	2.610	192.294

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0435-01T.B.	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 12:32:12 AM
Data file:	C:\Chem32\1\Data\01Oct25\24.D	Analyst:	Brooke

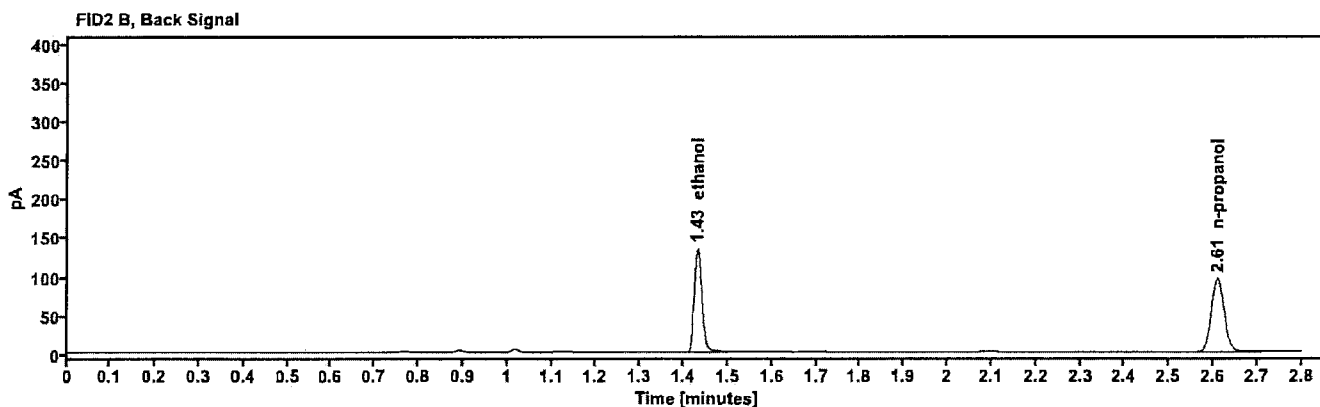
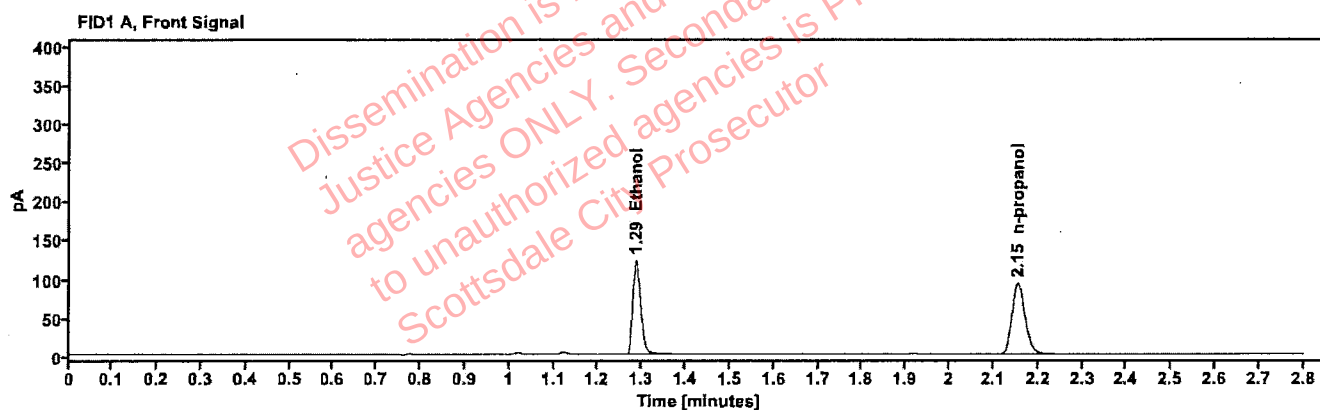


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2130	1.286	155.179
n-propanol	-----	2.154	188.663

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

Compound	Time (min)	Peak Area
ethanol	1.432	159.887
n-propanol	2.610	195.057

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 183-01F.R. **PB 10/13/25** **Vial:** 25
Description: **LIMS ID:** **Sequence:** 01Oct25
Method: ethanol quant.M **Injection date:** 10/2/2025 12:37:11 AM
Instrument: US2320A024 US23180007 **Analyst:** Brooke
Data file: C:\Chem32\1\Data\01Oct25\25.D

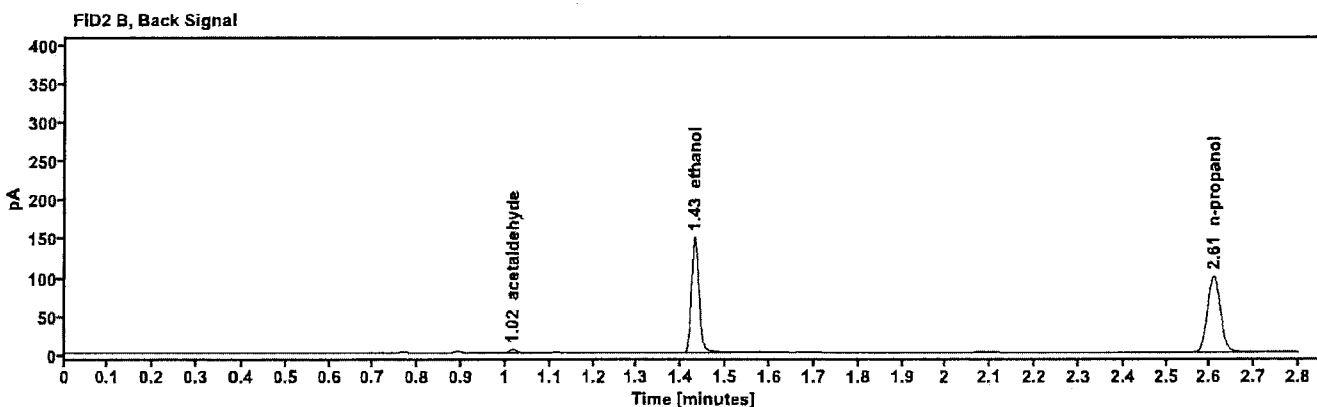
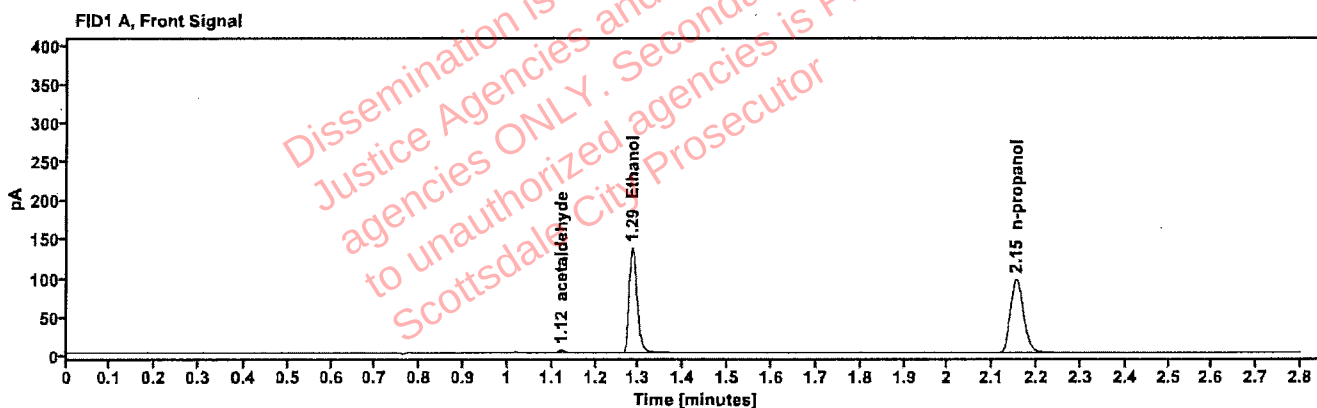


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
acetaldehyde	—	1.122	3.970
quantified Ethanol	0.2290	1.285	173.157
n-propanol	—	2.153	195.644

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	4.234
ethanol	1.430	178.387
n-propanol	2.608	202.954

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	183-01F.R.	PB	Vial:	26
Description:		10/13/25	LIMS ID:	
Method:	ethanol quant.M		Sequence:	01Oct25
Instrument:	US2320A024 US23180007		Injection date:	10/2/2025 12:41:00 AM
Data file:	C:\Chem32\1\Data\01Oct25\26.D		Analyst:	Brooke

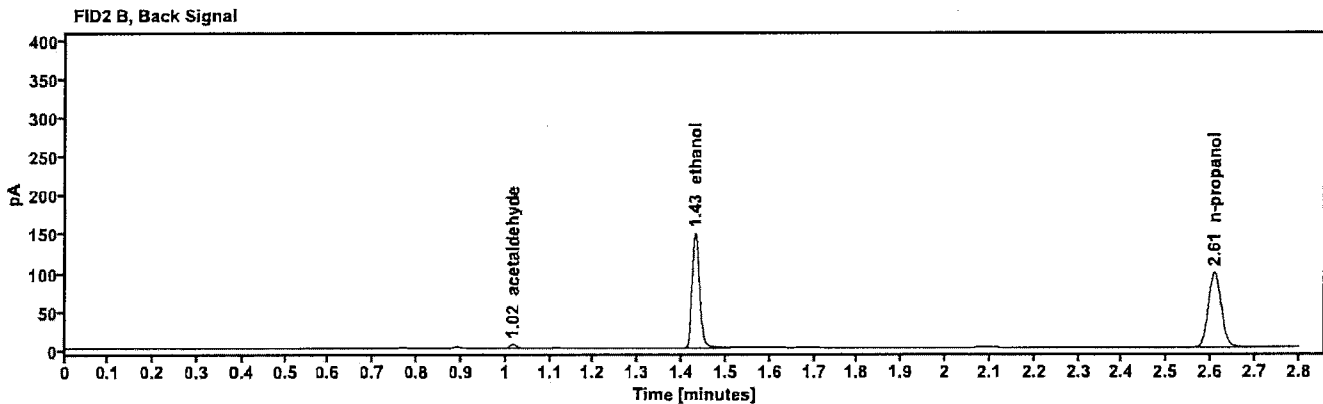
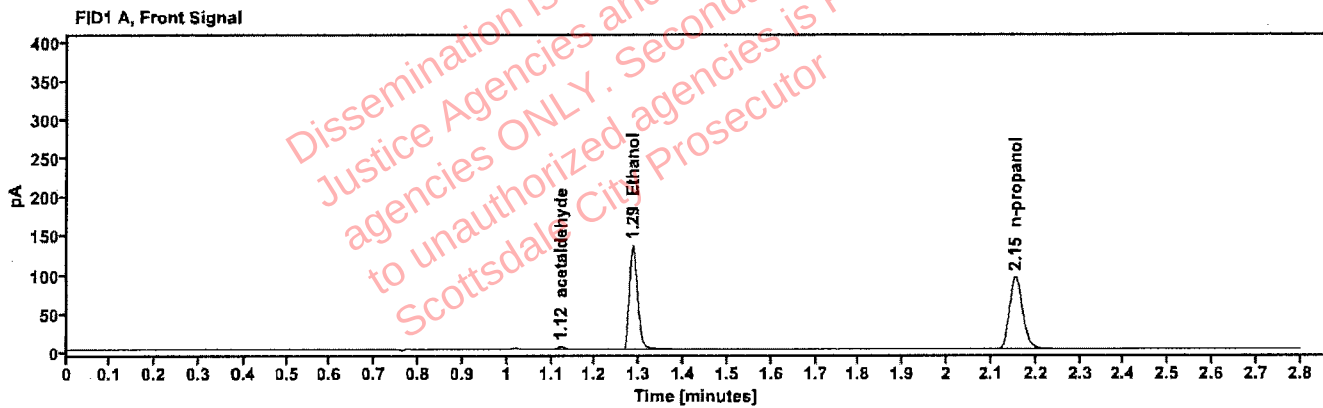


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
acetaldehyde	—	1.122	3.961
quantified Ethanol	0.2306	1.285	171.236
n-propanol	—	2.153	192.080

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	4.212
ethanol	1.431	176.713
n-propanol	2.609	198.921

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	416-01J.G.	Vial:	27
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 12:44:48 AM
Data file:	C:\Chem32\1\Data\01Oct25\27.D	Analyst:	Brooke

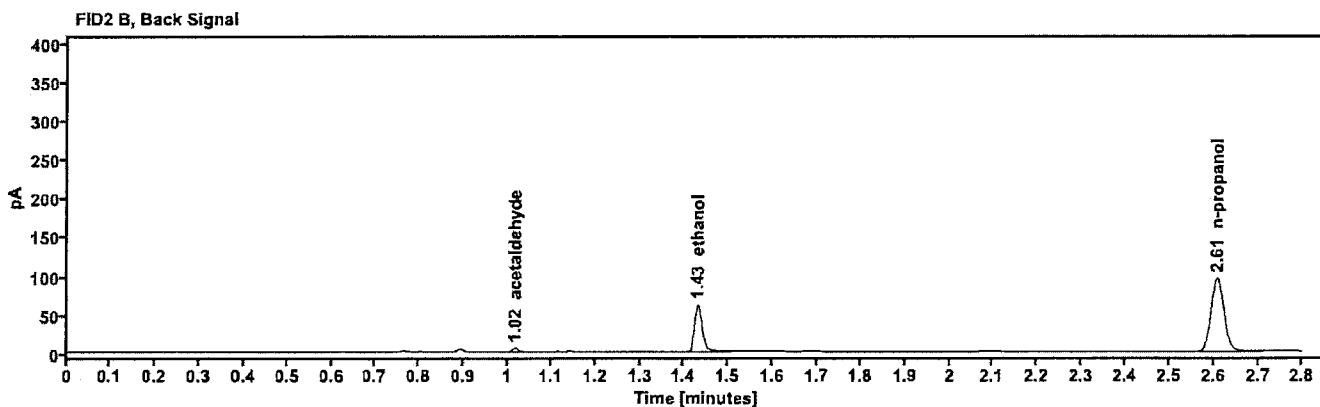
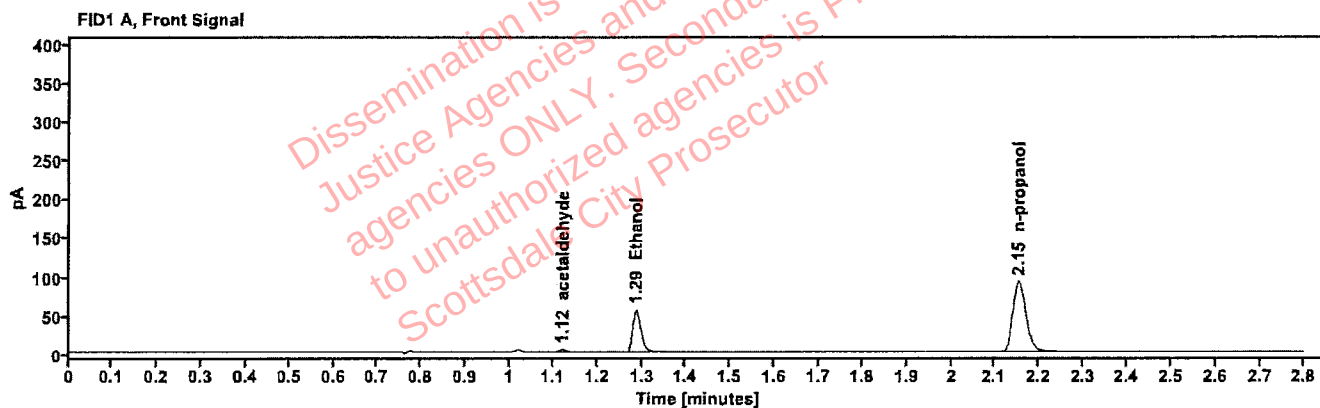


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
acetaldehyde	—	1.122	3.799
quantified Ethanol	0.0988	1.287	70.803
n-propanol	—	2.153	187.623

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	4.072
ethanol	1.431	73.096
n-propanol	2.609	194.728

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	416-01J.G.	Vial:	28
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 12:48:36 AM
Data file:	C:\Chem32\1\Data\01Oct25\28.D	Analyst:	Brooke

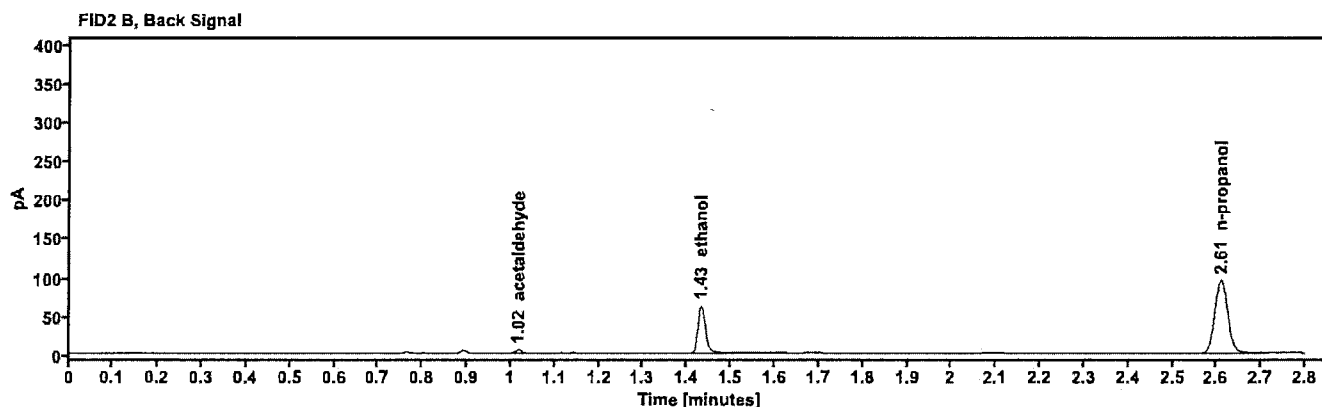
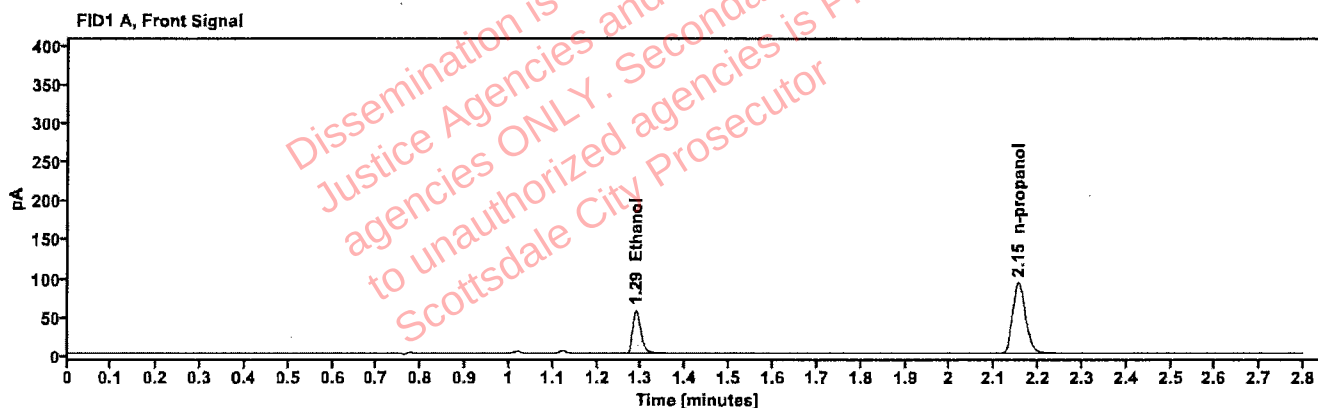


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1000	1.288	71.572
n-propanol	—	2.154	187.360

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	4.010
ethanol	1.432	73.629
n-propanol	2.610	194.755

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	436-01D.S.	Vial:	29
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 12:52:24 AM
Data file:	C:\Chem32\1\Data\01Oct25\29.D	Analyst:	Brooke

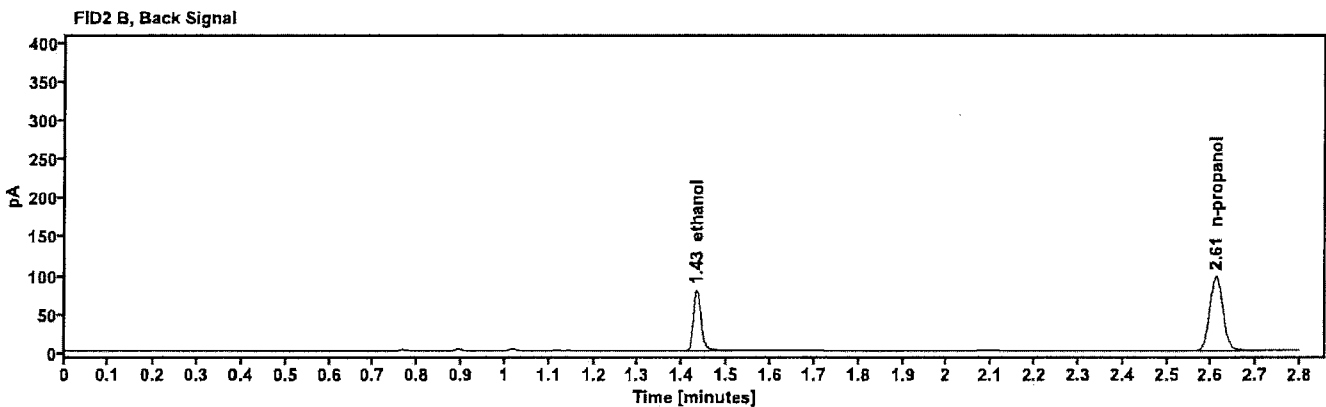
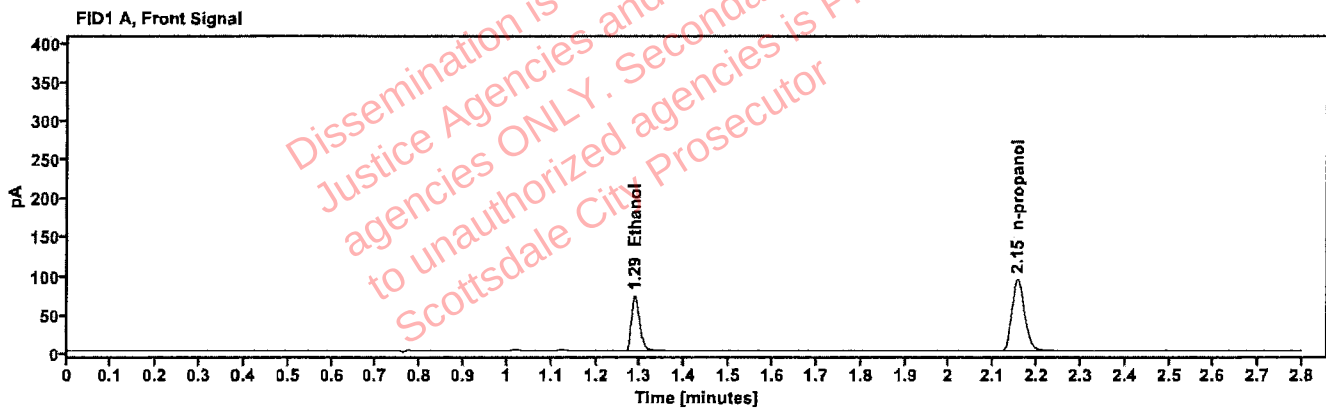


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1252	1.287	91.276
n-propanol	----	2.155	190.075

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

Compound	Time (min)	Peak Area
ethanol	1.432	94.386
n-propanol	2.610	197.729

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	436-01D.S.	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 12:56:11 AM
Data file:	C:\Chem32\1\Data\01Oct25\30.D	Analyst:	Brooke

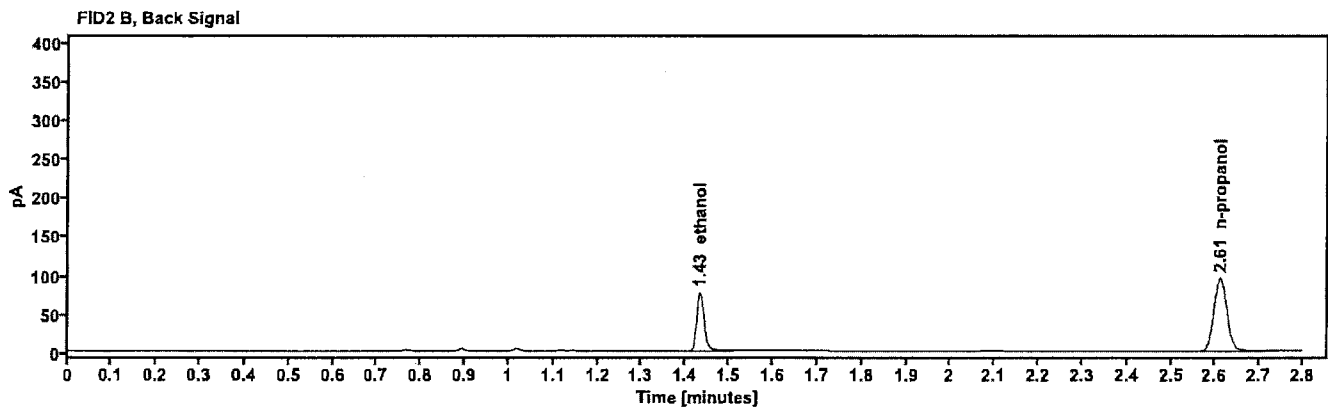
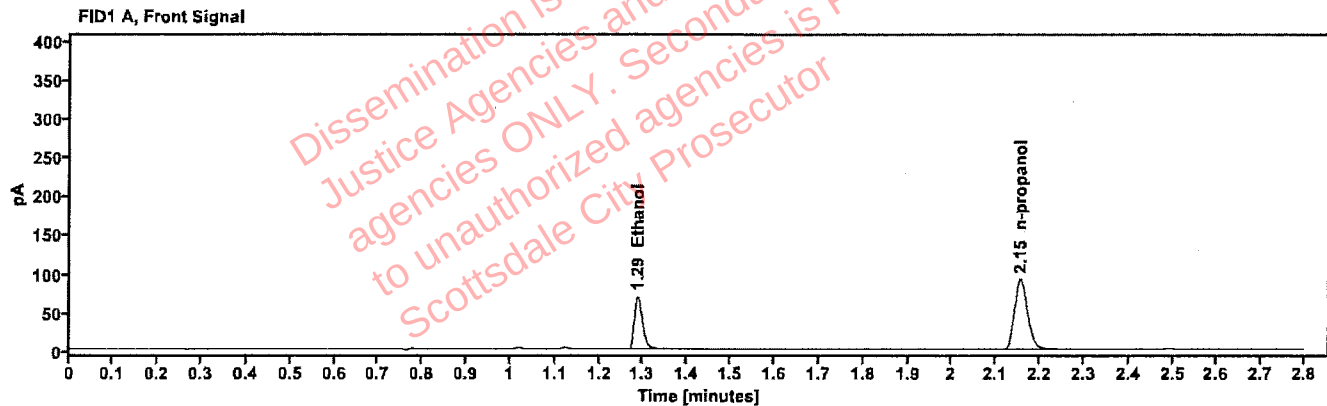


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1230	1.288	87.829
n-propanol	---	2.155	186.135

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

Compound	Time (min)	Peak Area
ethanol	1.432	90.638
n-propanol	2.611	193.629

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518619-2	Vial:	32
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:05:00 AM
Data file:	C:\Chem32\1\Data\01Oct25\32.D	Analyst:	Brooke

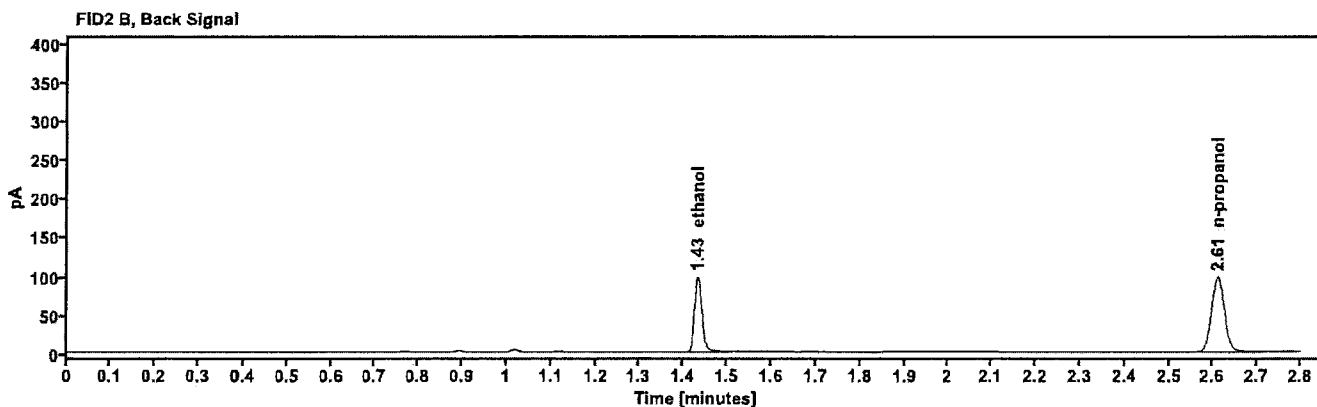
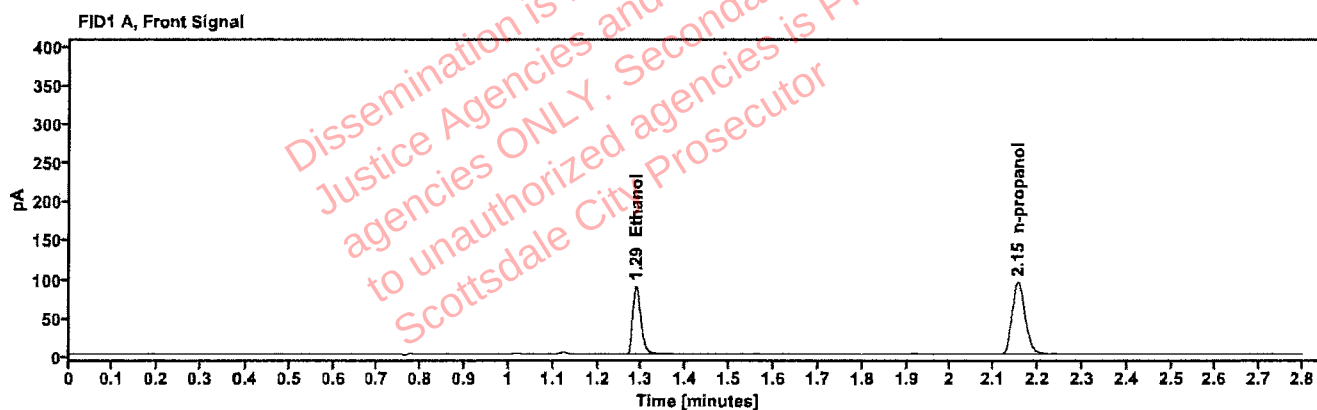


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1522	1.287	112.687
n-propanol	—	2.154	192.455

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

Compound	Time (min)	Peak Area
ethanol	1.432	116.037
n-propanol	2.610	198.778

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518619-2	Vial:	33
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:08:48 AM
Data file:	C:\Chem32\1\Data\01Oct25\33.D	Analyst:	Brooke

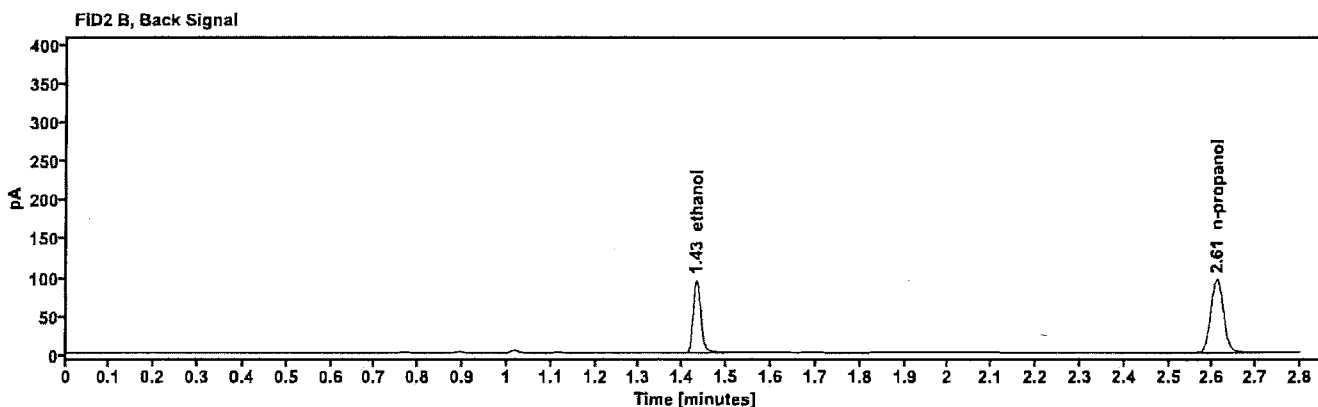
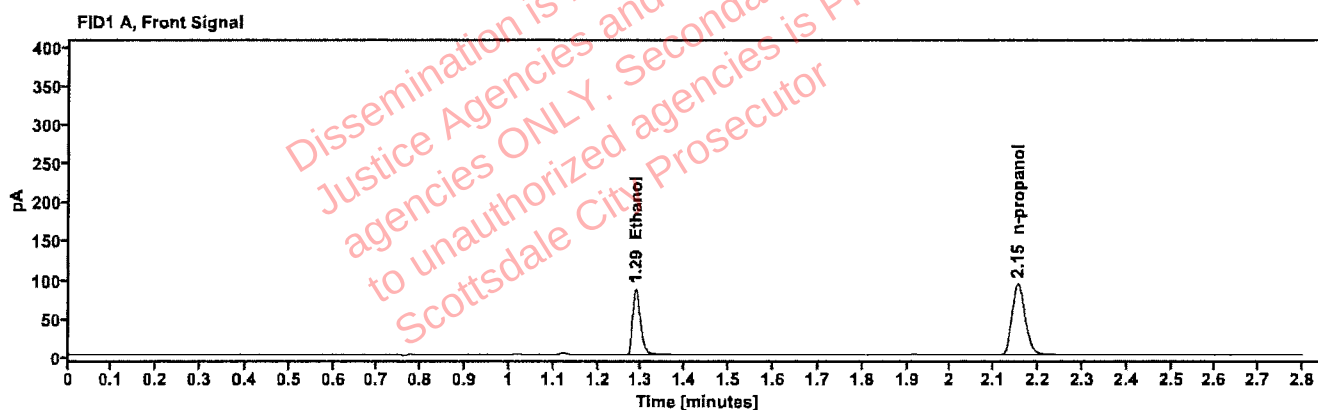


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1498	1.287	109.175
n-propanol	—	2.154	189.482

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

Compound	Time (min)	Peak Area
ethanol	1.432	112.311
n-propanol	2.609	195.791

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517736-1	Vial:	34
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:12:36 AM
Data file:	C:\Chem32\1\Data\01Oct25\34.D	Analyst:	Brooke

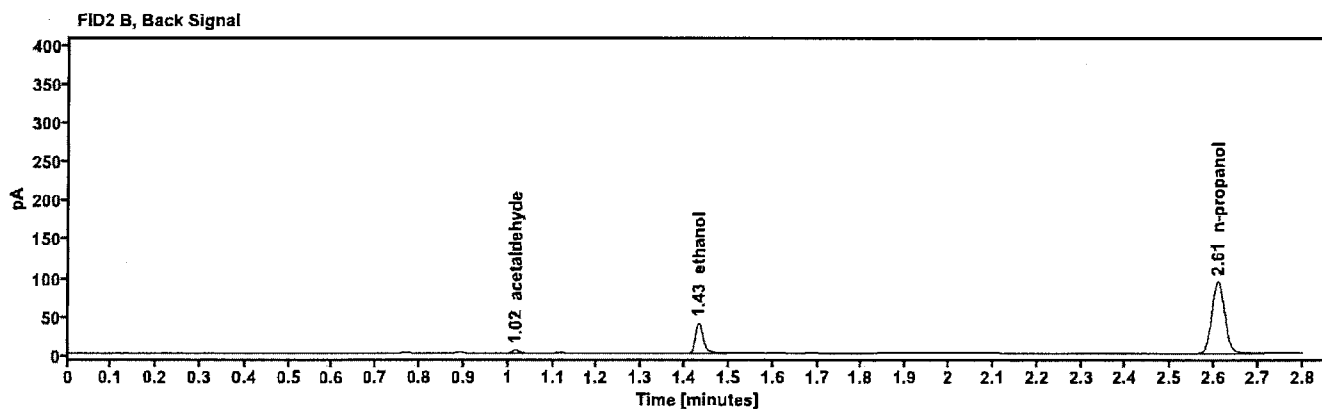
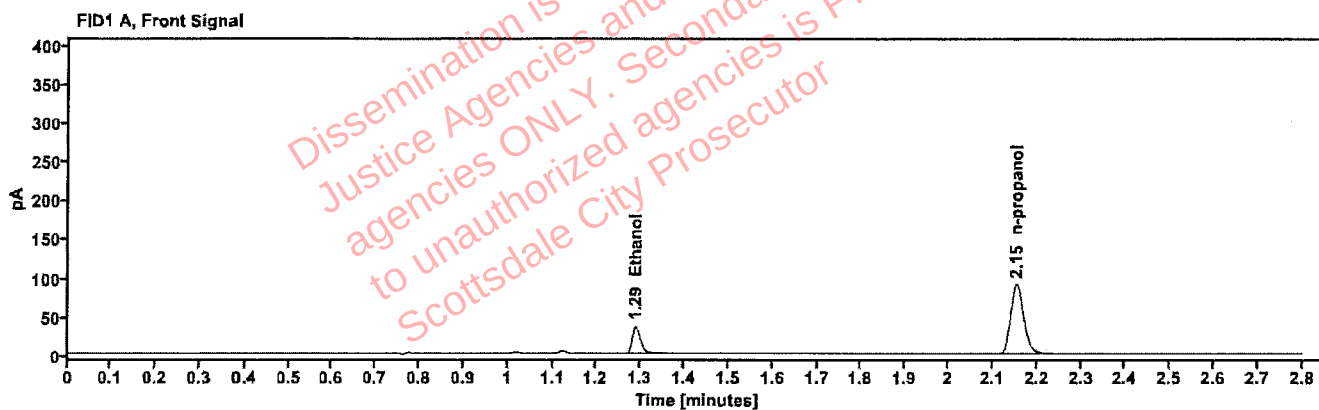


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0662	1.288	46.303
n-propanol	-----	2.153	185.003

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	3.847
ethanol	1.432	48.219
n-propanol	2.609	191.237

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517736-1	Vial:	35
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:16:24 AM
Data file:	C:\Chem32\1\Data\01Oct25\35.D	Analyst:	Brooke

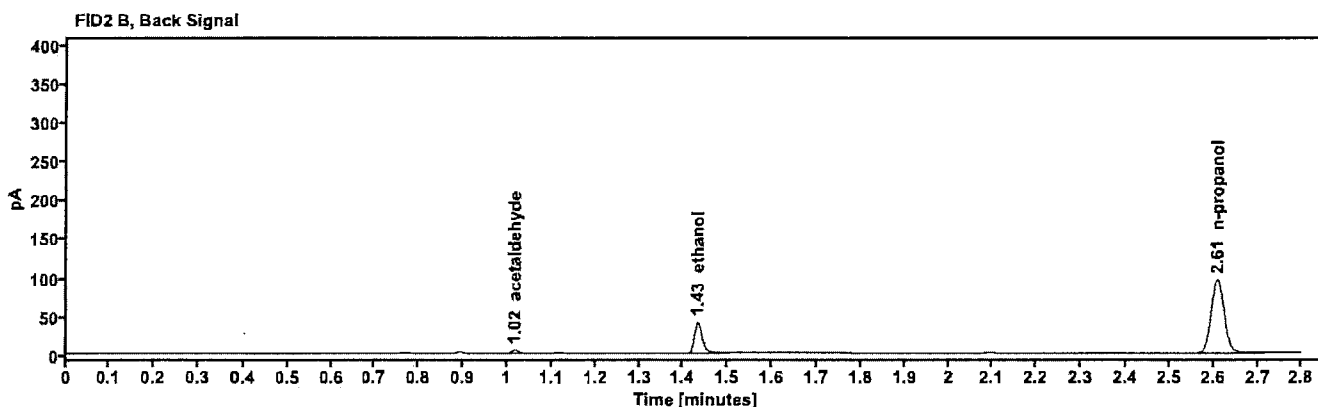
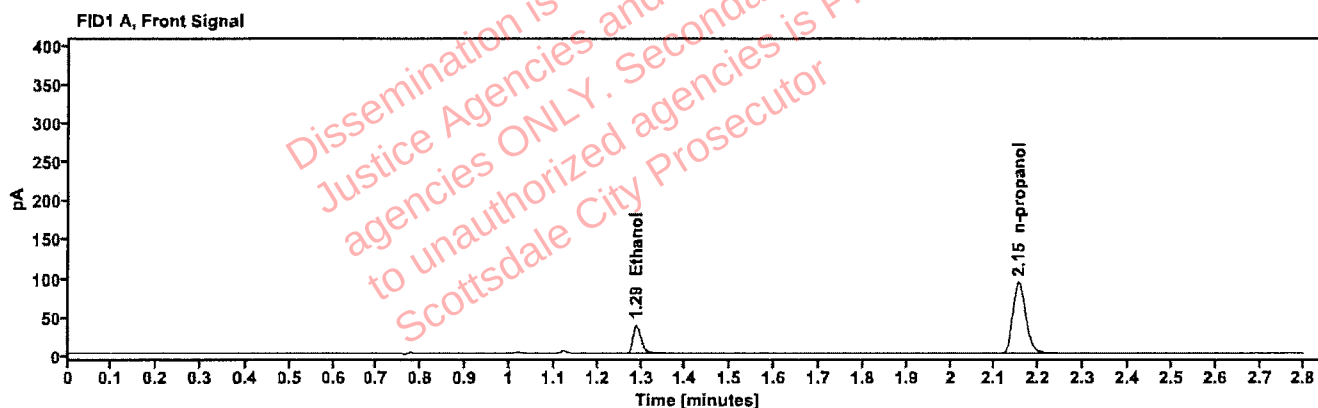


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0666	1.288	47.570
n-propanol	—	2.153	188.961

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	3.844
ethanol	1.432	49.424
n-propanol	2.609	195.197

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518407-2	Vial:	36
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:20:12 AM
Data file:	C:\Chem32\1\Data\01Oct25\36.D	Analyst:	Brooke

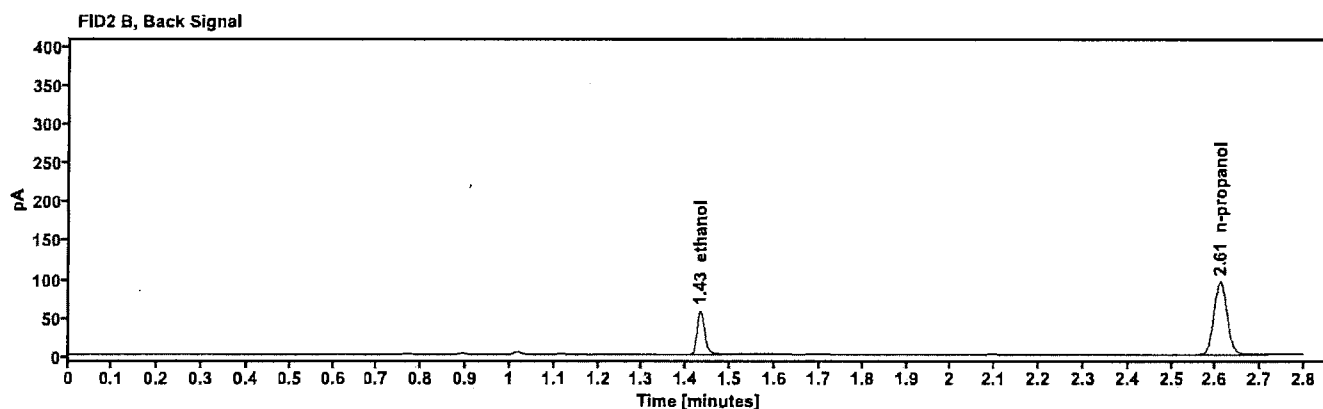
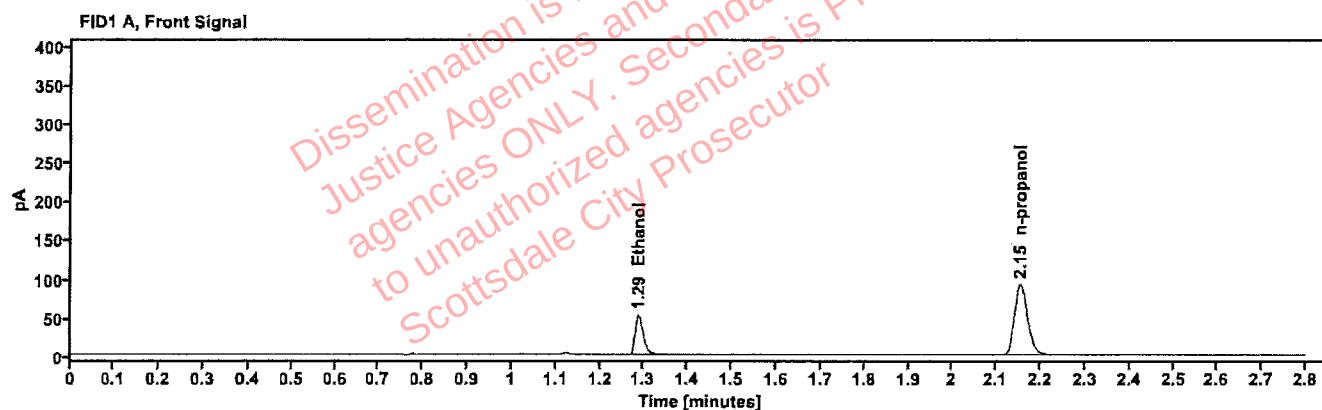


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0919	1.288	65.869
n-propanol	—	2.154	188.042

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

Compound	Time (min)	Peak Area
ethanol	1.432	67.580
n-propanol	2.610	194.115

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518407-2	Vial:	37
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:25:12 AM
Data file:	C:\Chem32\1\Data\01Oct25\37.D	Analyst:	Brooke

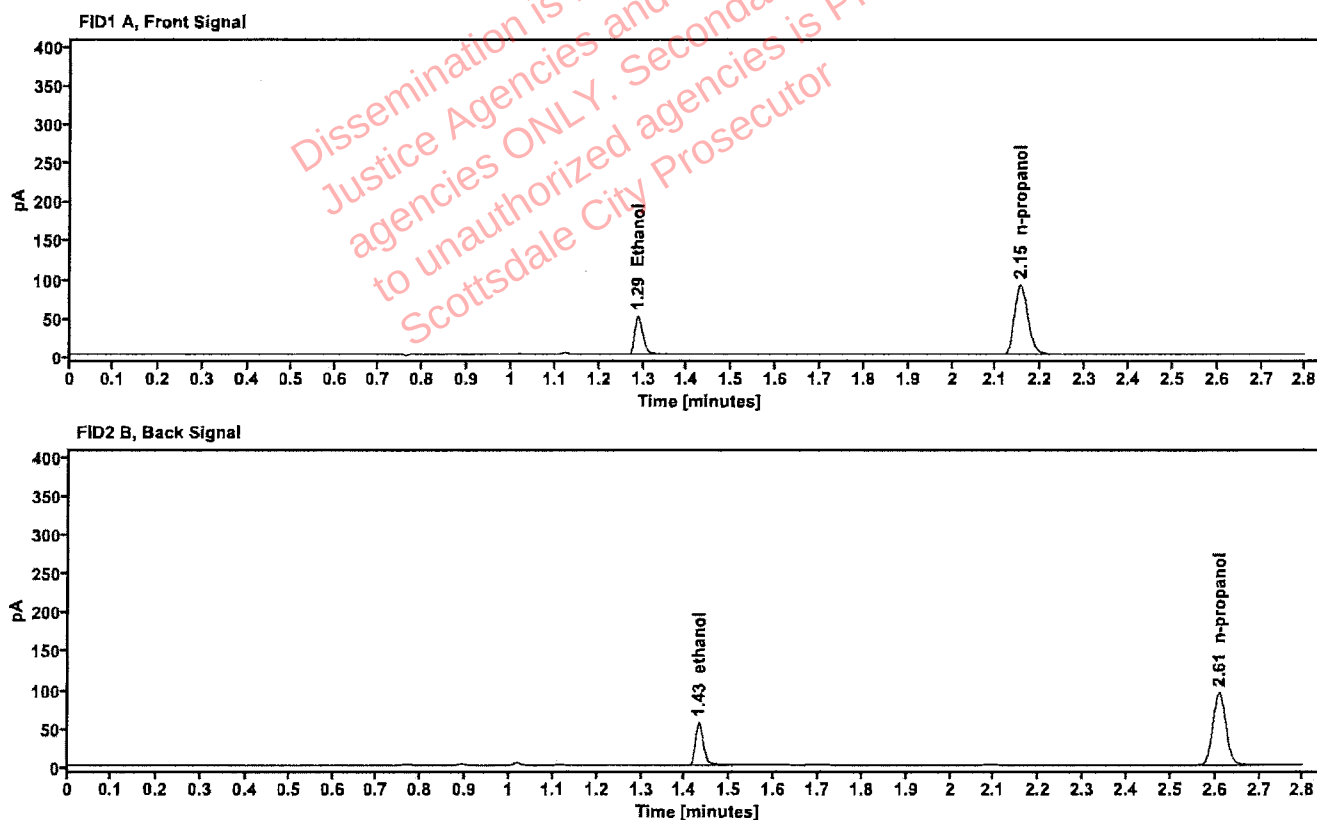


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0908	1.287	64.650
n-propanol	—	2.154	186.814

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

Compound	Time (min)	Peak Area
ethanol	1.431	66.515
n-propanol	2.609	192.947

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518333-1	Vial:	38
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:29:00 AM
Data file:	C:\Chem32\1\Data\01Oct25\38.D	Analyst:	Brooke

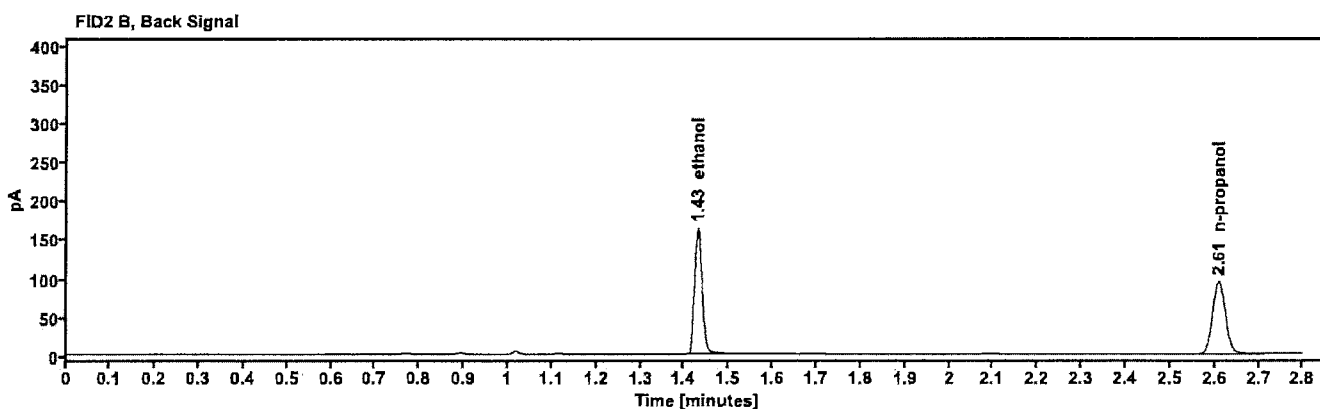
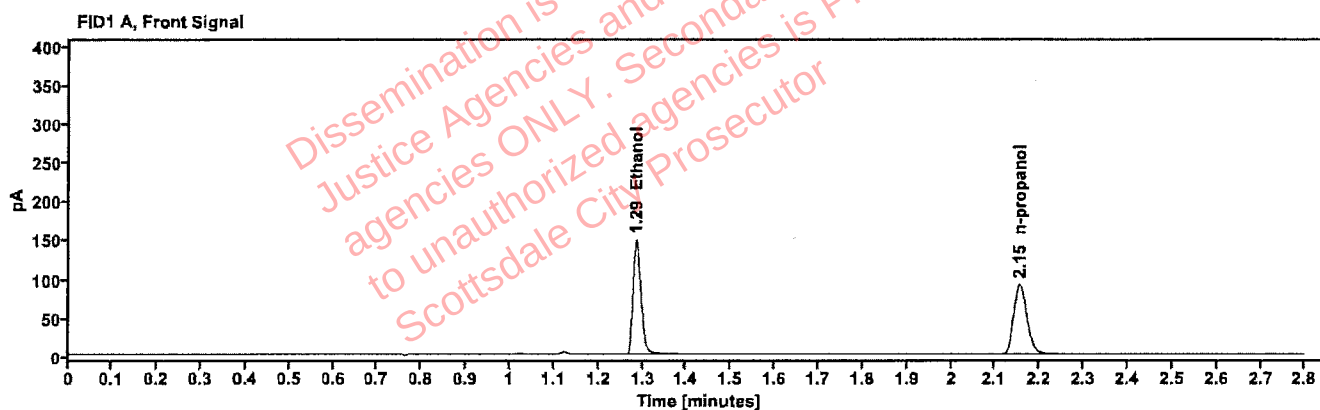


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2611	1.285	188.953
n-propanol	-----	2.154	187.033

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

Compound	Time (min)	Peak Area
ethanol	1.430	195.596
n-propanol	2.609	192.982

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518333-1	Vial:	39
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:32:48 AM
Data file:	C:\Chem32\1\Data\01Oct25\39.D	Analyst:	Brooke

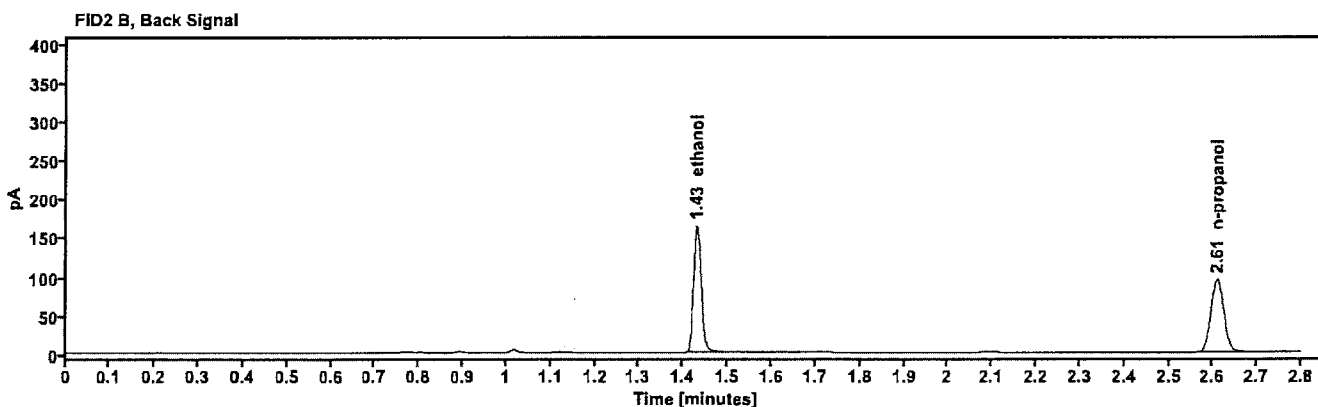
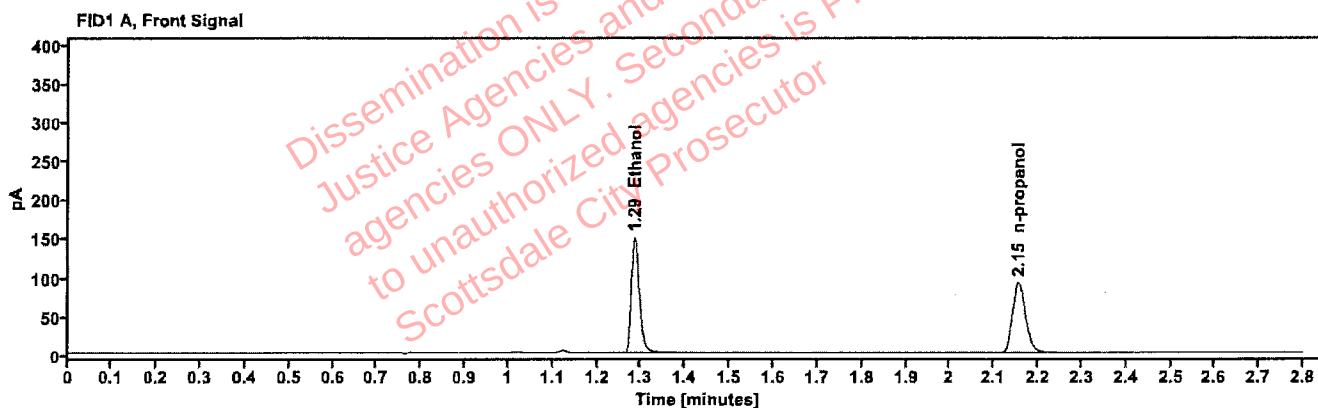


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2612	1.285	189.900
n-propanol	—	2.154	187.903

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

Compound	Time (min)	Peak Area
ethanol	1.430	196.847
n-propanol	2.609	193.760

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518615-1	Vial:	40
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:36:36 AM
Data file:	C:\Chem32\1\Data\01Oct25\40.D	Analyst:	Brooke

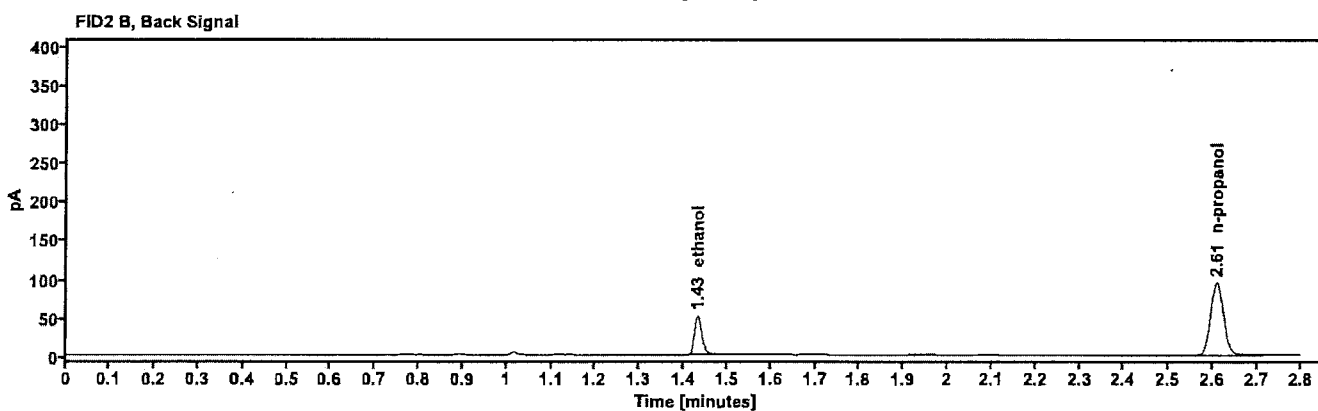
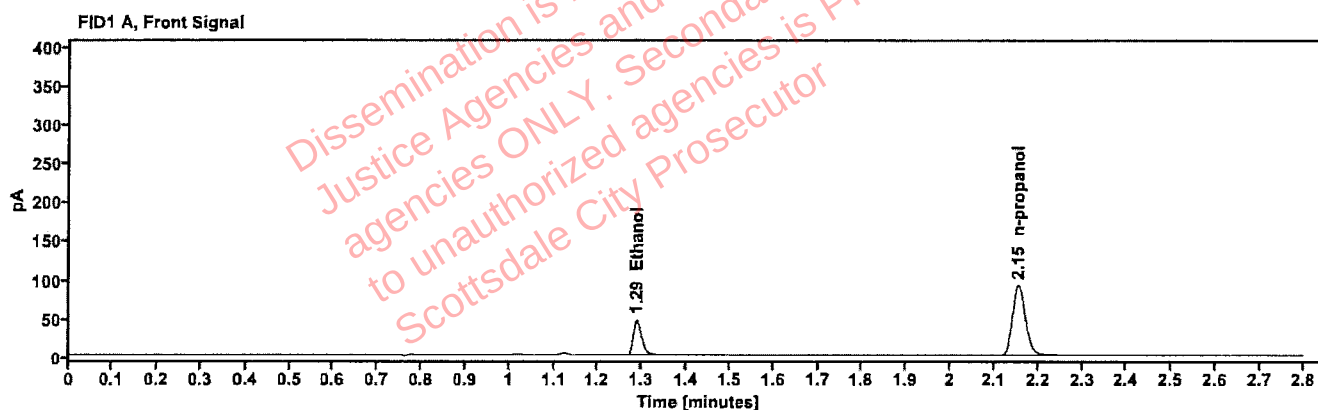


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0834	1.288	59.430
n-propanol	—	2.154	187.273

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

Compound	Time (min)	Peak Area
ethanol	1.432	60.970
n-propanol	2.609	193.333

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518615-1	Vial:	41
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:40:24 AM
Data file:	C:\Chem32\1\Data\01Oct25\41.D	Analyst:	Brooke

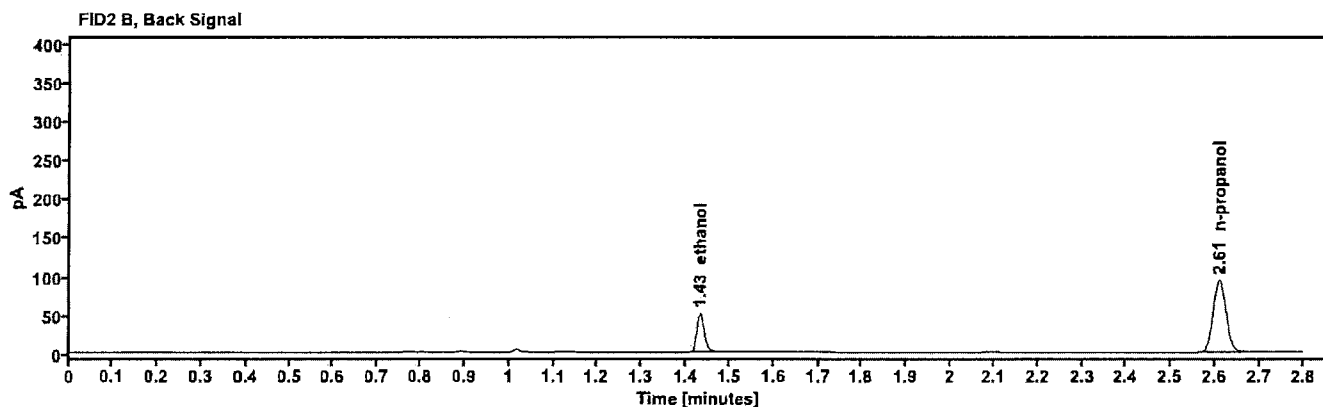
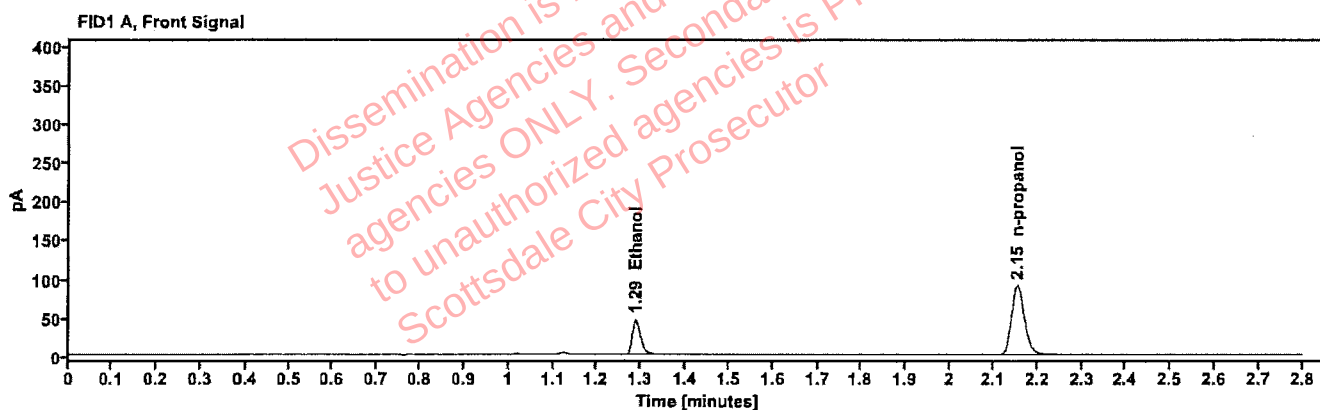


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0838	1.288	58.975
n-propanol	—	2.154	185.040

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

Compound	Time (min)	Peak Area
ethanol	1.432	60.564
n-propanol	2.609	190.883

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518542-3	Vial:	43
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:49:12 AM
Data file:	C:\Chem32\1\Data\01Oct25\43.D	Analyst:	Brooke

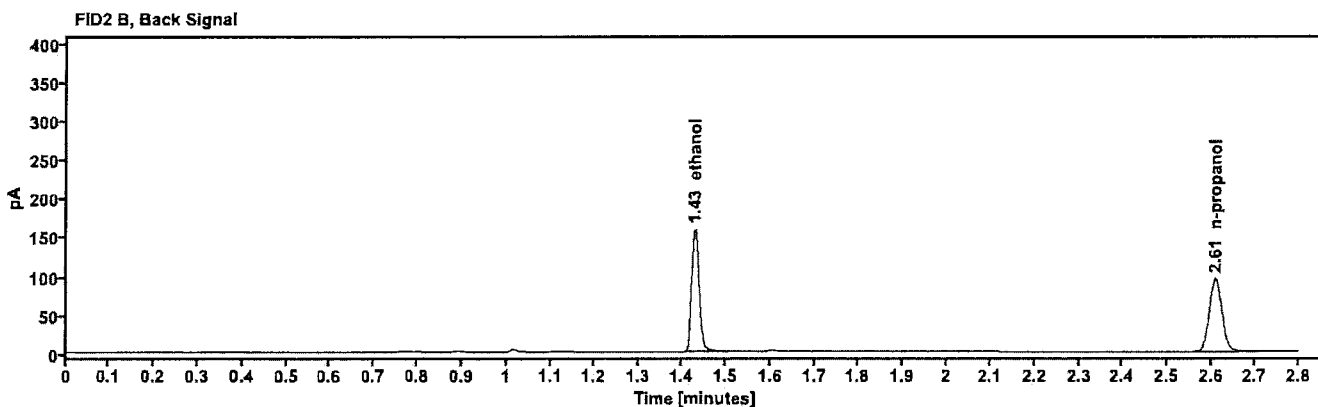
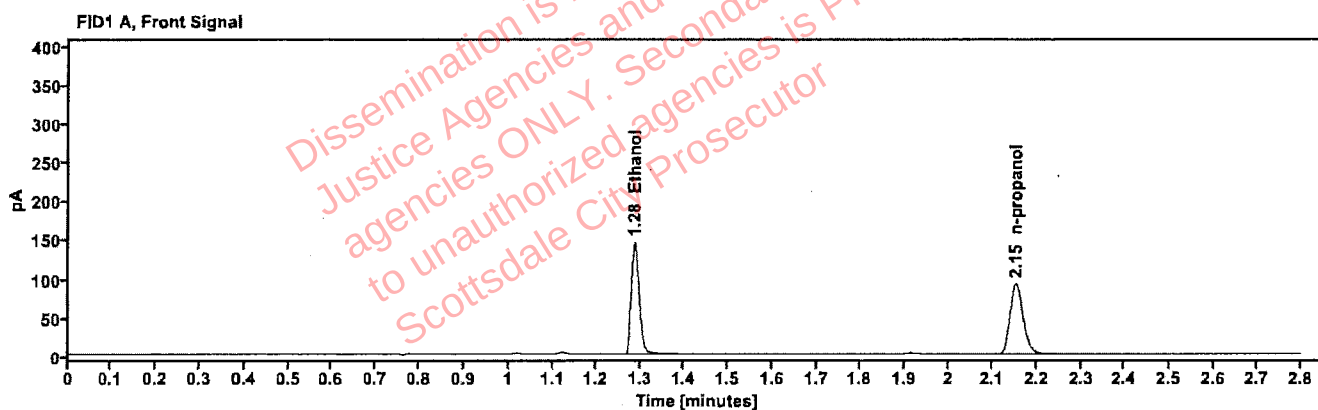


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2536	1.285	183.901
n-propanol	-----	2.153	187.478

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

Compound	Time (min)	Peak Area
ethanol	1.430	190.174
n-propanol	2.608	193.438

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518542-3	Vial:	44
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:53:00 AM
Data file:	C:\Chem32\1\Data\01Oct25\44.D	Analyst:	Brooke

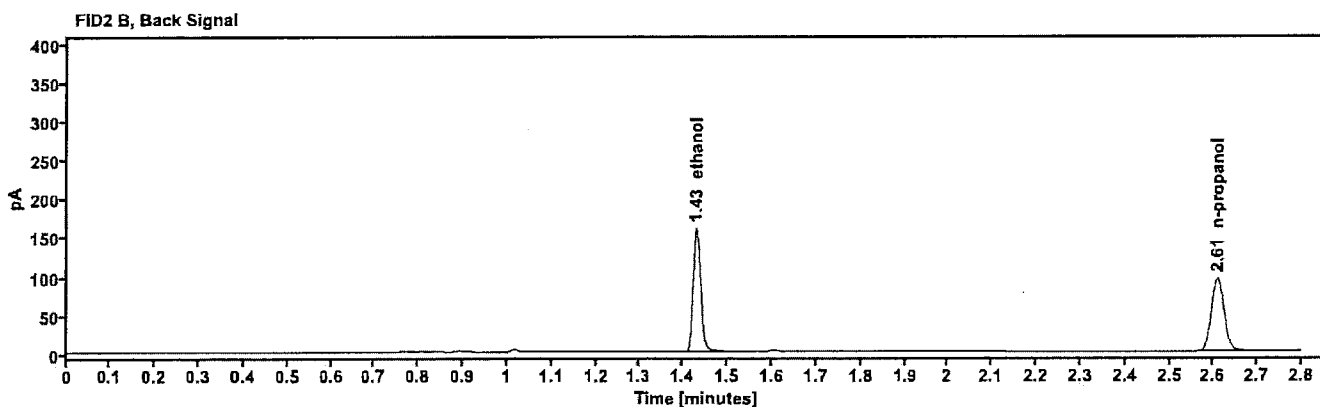
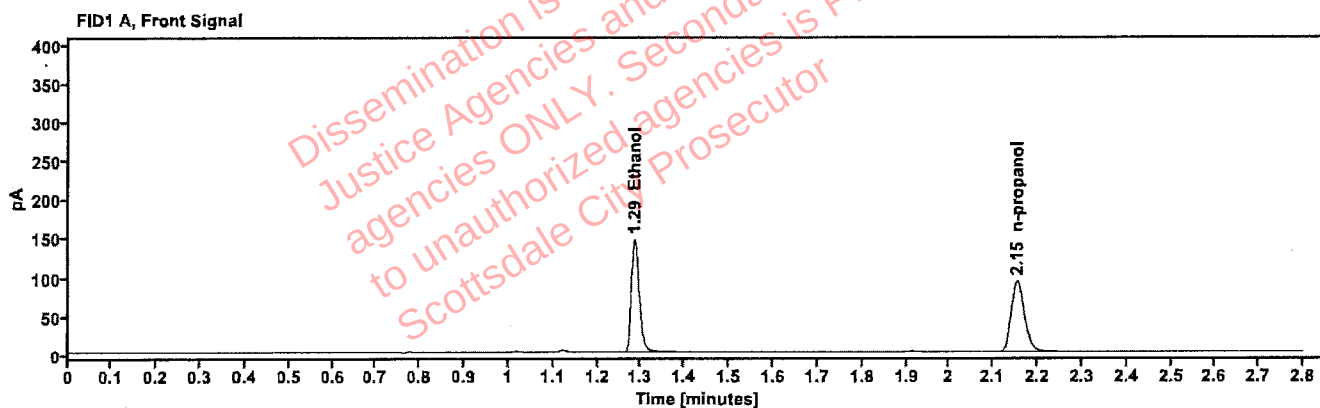


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2543	1.285	185.242
n-propanol	---	2.153	188.330

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

Compound	Time (min)	Peak Area
ethanol	1.430	191.738
n-propanol	2.609	194.454

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518627-1	Vial:	45
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 1:56:48 AM
Data file:	C:\Chem32\1\Data\01Oct25\45.D	Analyst:	Brooke

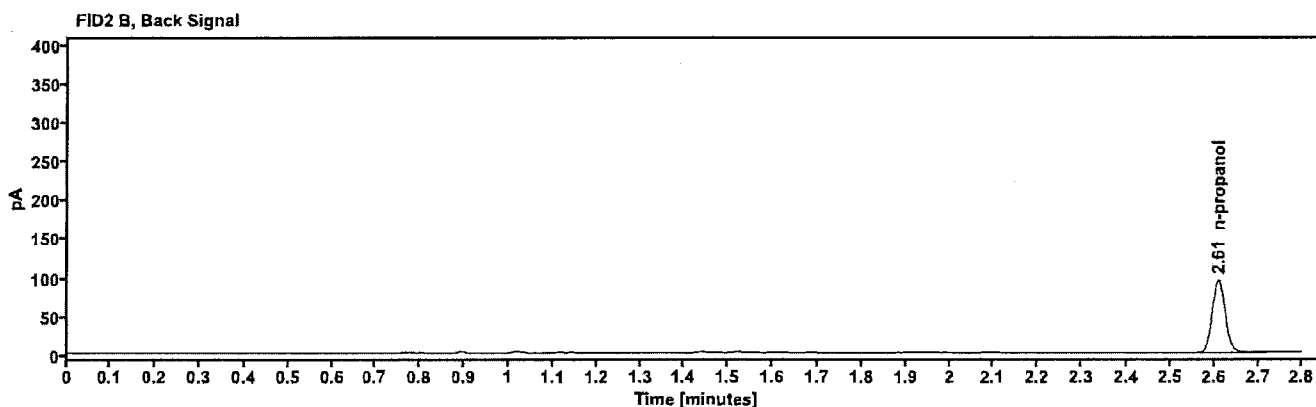


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-propanol	—	2.154	186.977

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

Compound	Time (min)	Peak Area
n-propanol	2.610	193.258

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518627-1	Vial:	46
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 2:00:36 AM
Data file:	C:\Chem32\1\Data\01Oct25\46.D	Analyst:	Brooke

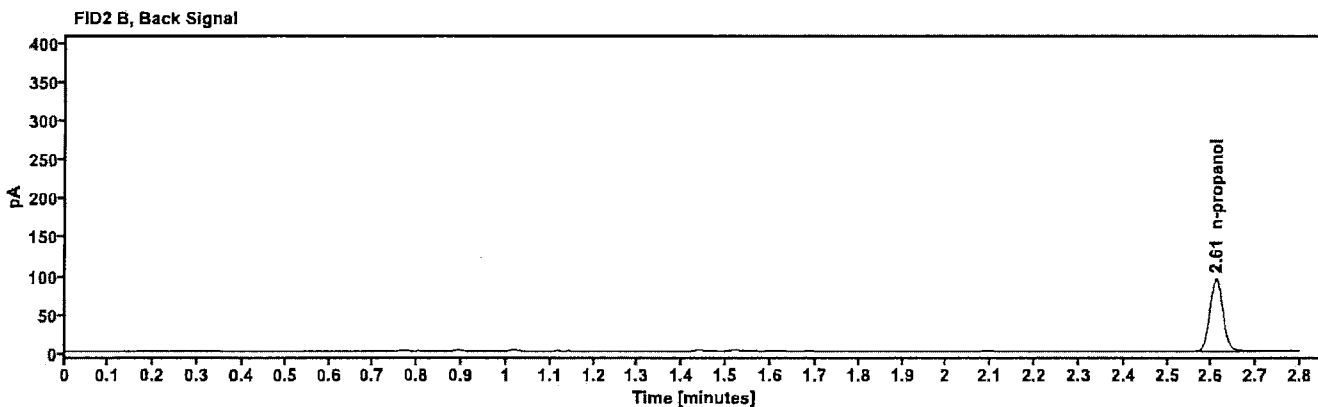
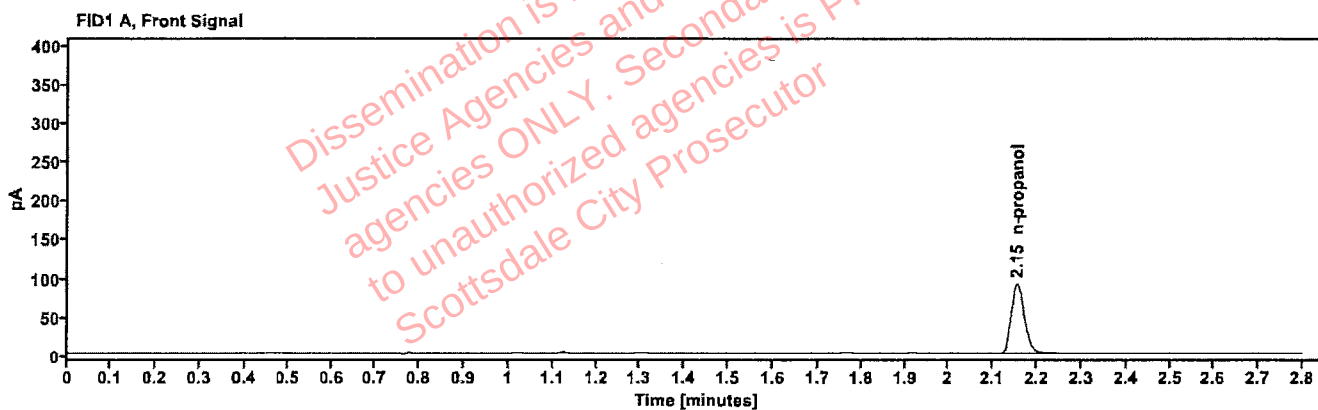


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-propanol	—	2.154	186.355

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

Compound	Time (min)	Peak Area
n-propanol	2.610	192.679

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518702-1	Vial:	47
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 2:04:24 AM
Data file:	C:\Chem32\1\Data\01Oct25\47.D	Analyst:	Brooke

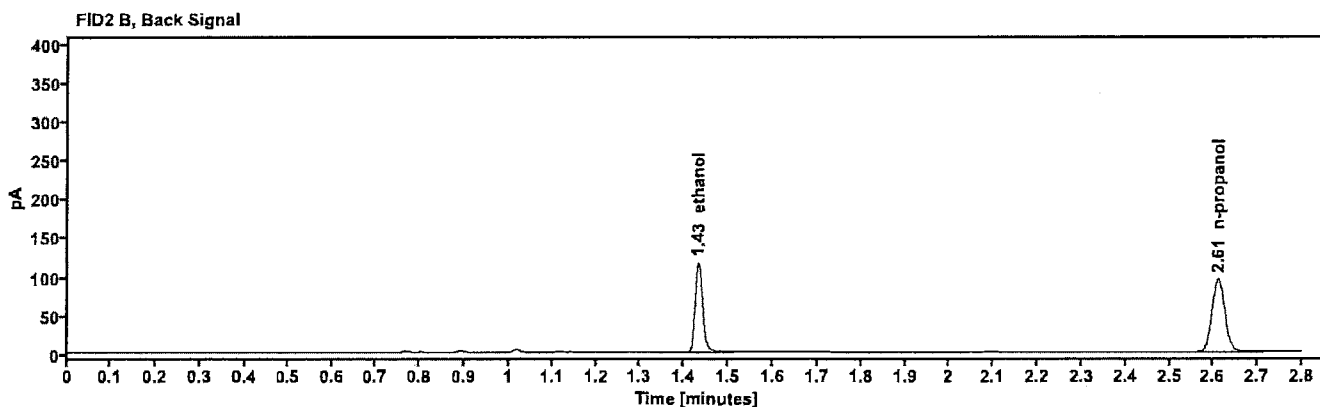
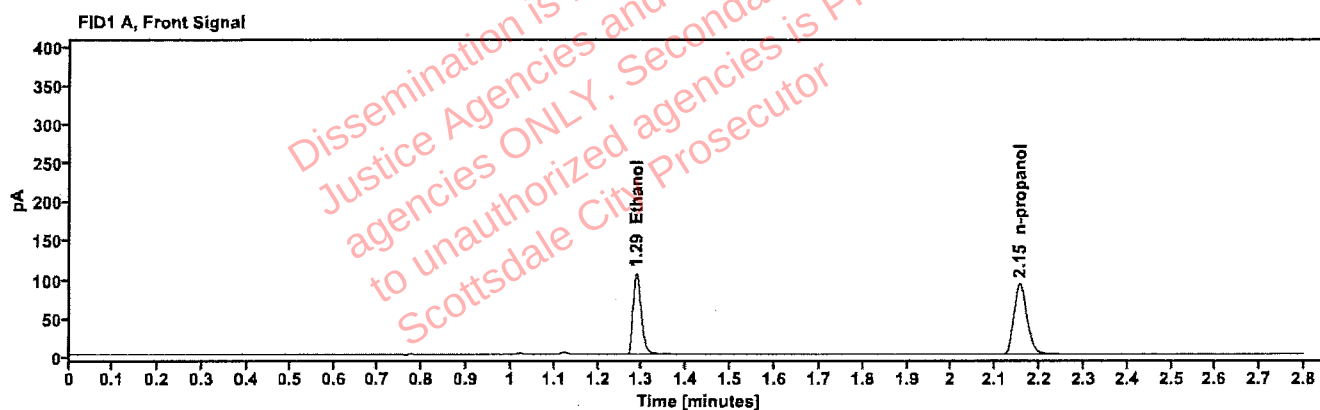


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1859	1.287	134.837
n-propanol	-----	2.155	188.004

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

Compound	Time (min)	Peak Area
ethanol	1.432	138.629
n-propanol	2.611	194.065

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518702-1	Vial:	48
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 2:08:12 AM
Data file:	C:\Chem32\1\Data\01Oct25\48.D	Analyst:	Brooke

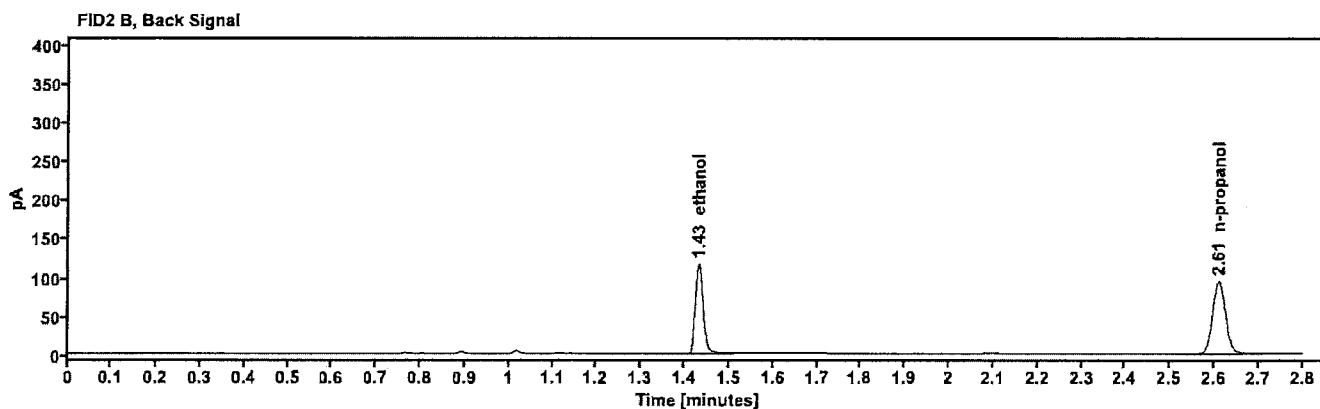
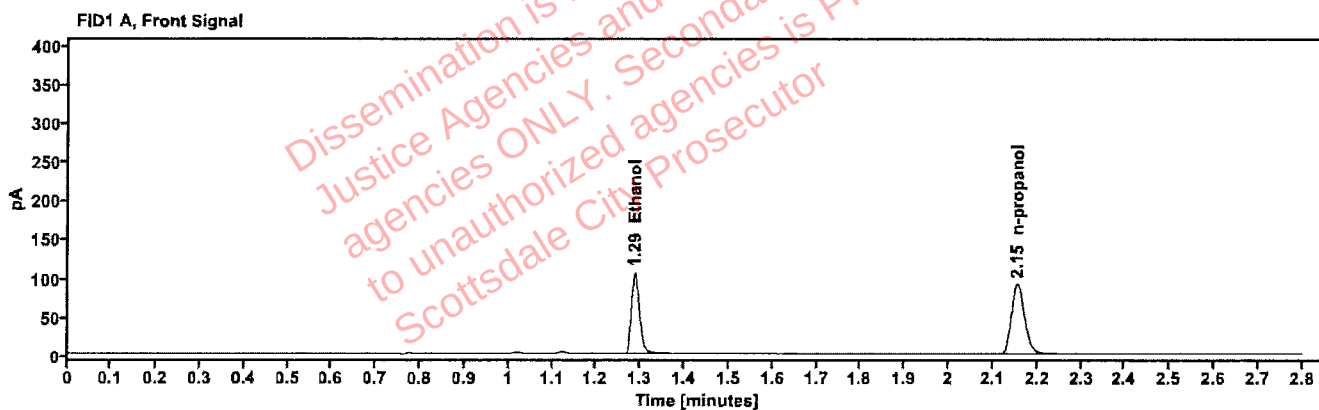


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1872	1.287	134.791
n-propanol	-----	2.154	186.664

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

Compound	Time (min)	Peak Area
ethanol	1.431	138.617
n-propanol	2.610	192.697

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518779-2	Vial:	49
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 2:13:12 AM
Data file:	C:\Chem32\1\Data\01Oct25\49.D	Analyst:	Brooke

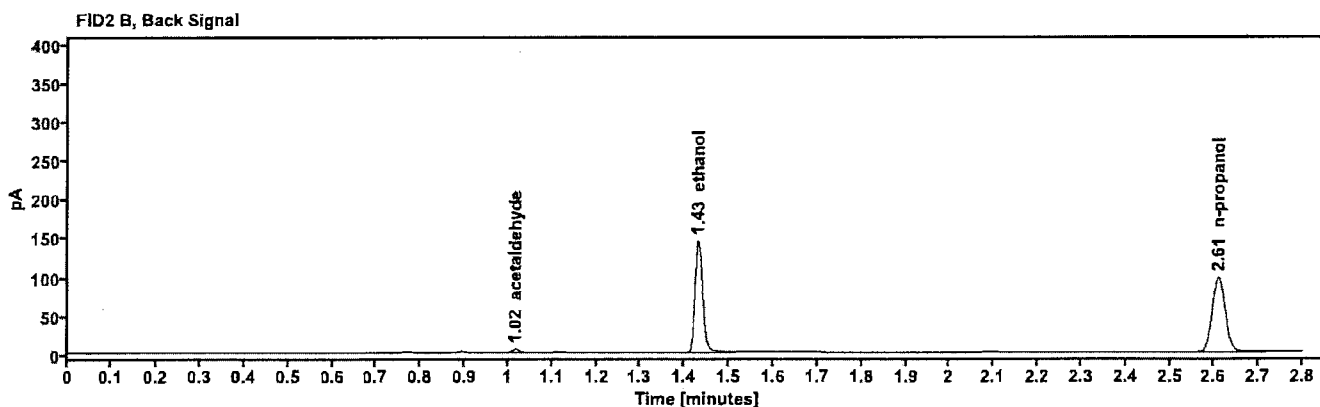
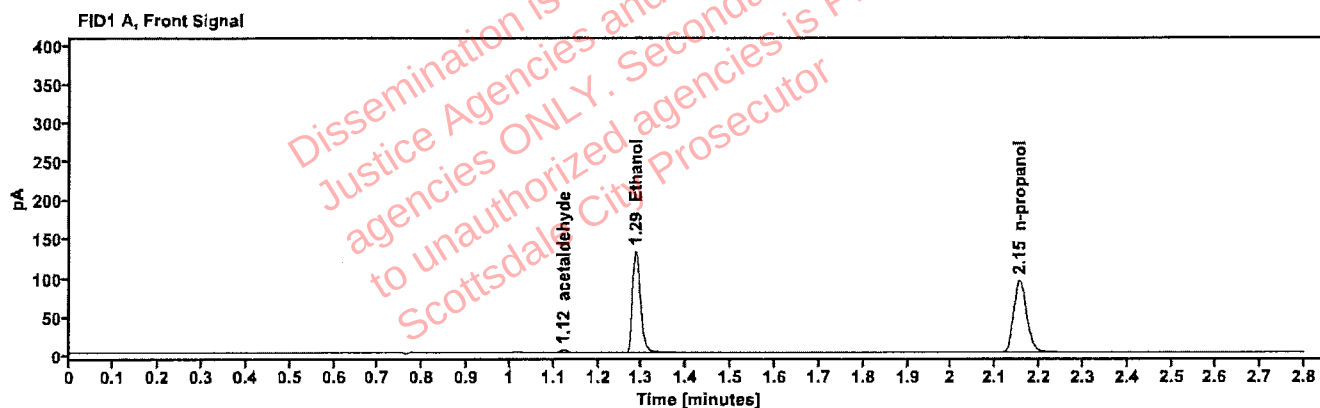


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
acetaldehyde	—	1.122	3.754
quantified Ethanol	0.2255	1.286	167.382
n-propanol	—	2.154	192.074

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	4.001
ethanol	1.431	172.762
n-propanol	2.609	198.392

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518779-2	Vial:	50
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 2:17:00 AM
Data file:	C:\Chem32\1\Data\01Oct25\50.D	Analyst:	Brooke

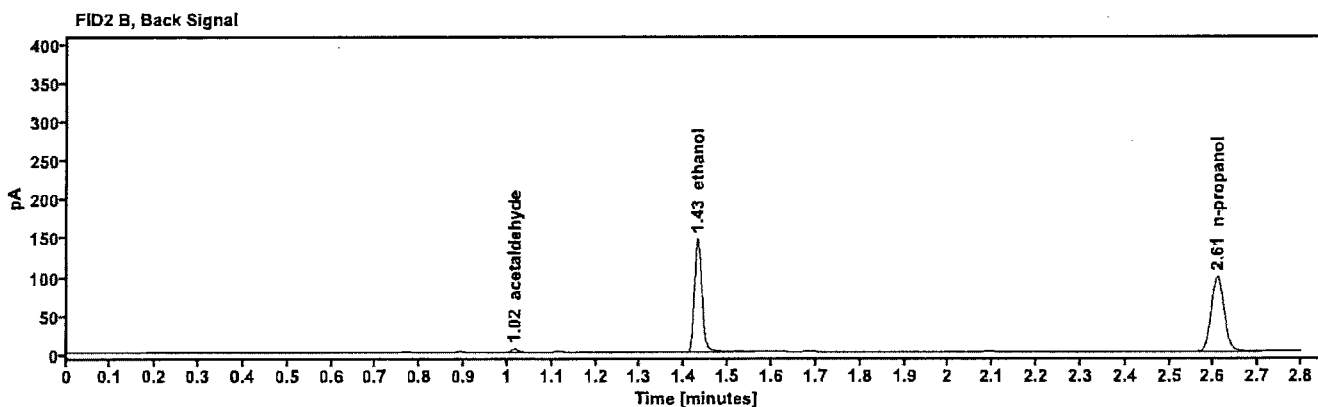
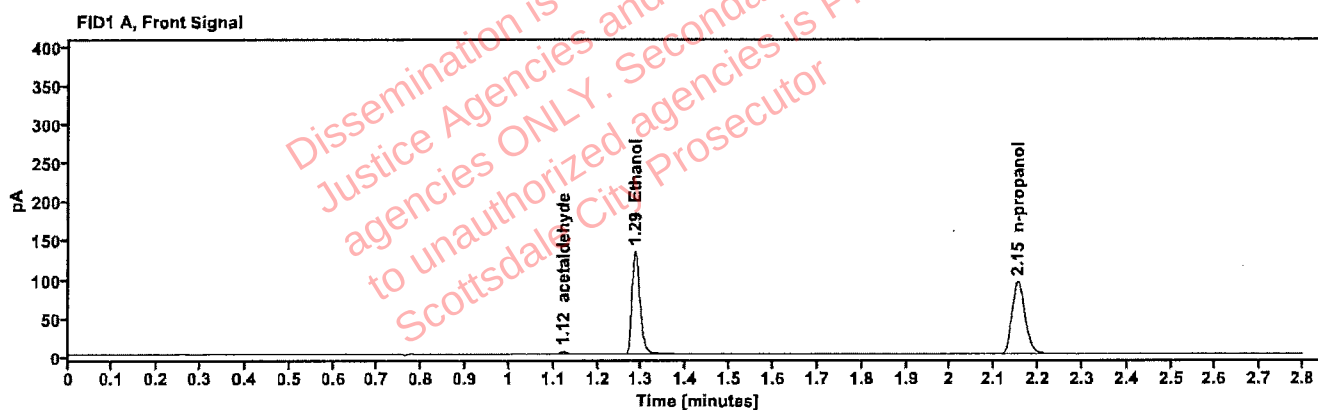


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
acetaldehyde	—	1.122	3.801
quantified Ethanol	0.2275	1.285	169.685
n-propanol	—	2.153	192.952

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	4.052
ethanol	1.430	174.326
n-propanol	2.608	198.895

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518692-2	Vial:	51
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 2:20:47 AM
Data file:	C:\Chem32\1\Data\01Oct25\51.D	Analyst:	Brooke

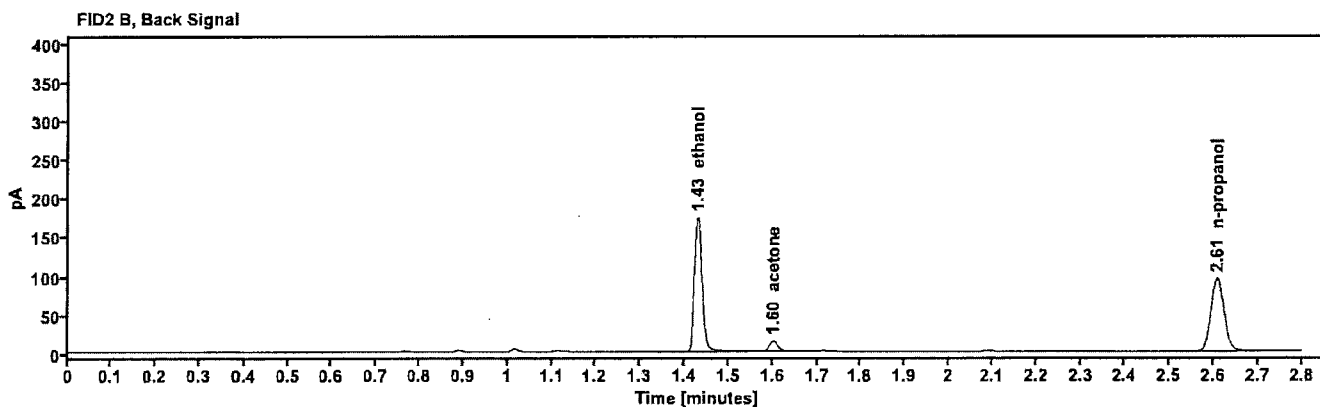
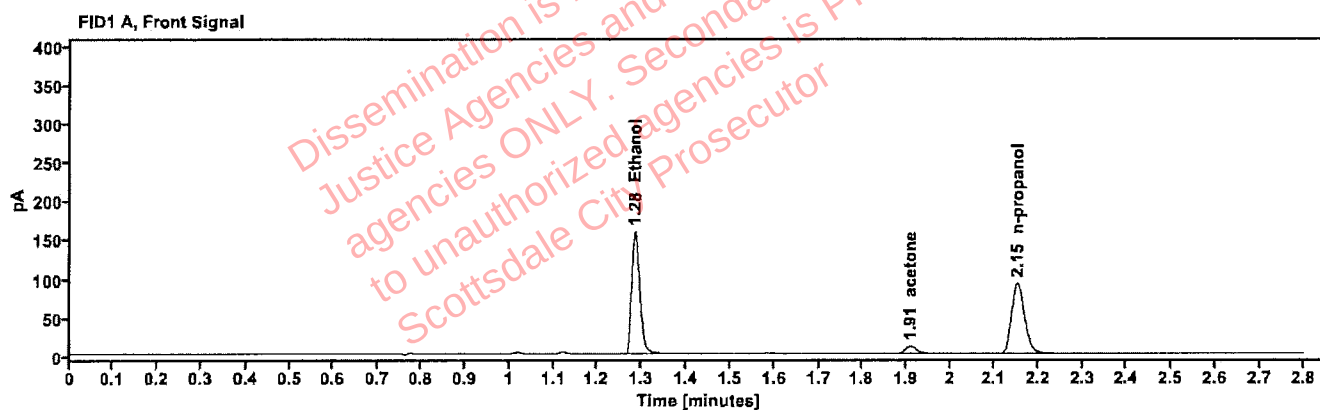


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2767	1.285	201.483
acetone	—	1.908	17.568
n-propanol	—	2.153	188.107

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

Compound	Time (min)	Peak Area
ethanol	1.430	208.493
acetone	1.602	18.008
n-propanol	2.608	193.629

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518692-2	Vial:	52
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024-US23180007	Injection date:	10/2/2025 2:24:35 AM
Data file:	C:\Chem32\1\Data\01Oct25\52.D	Analyst:	Brooke

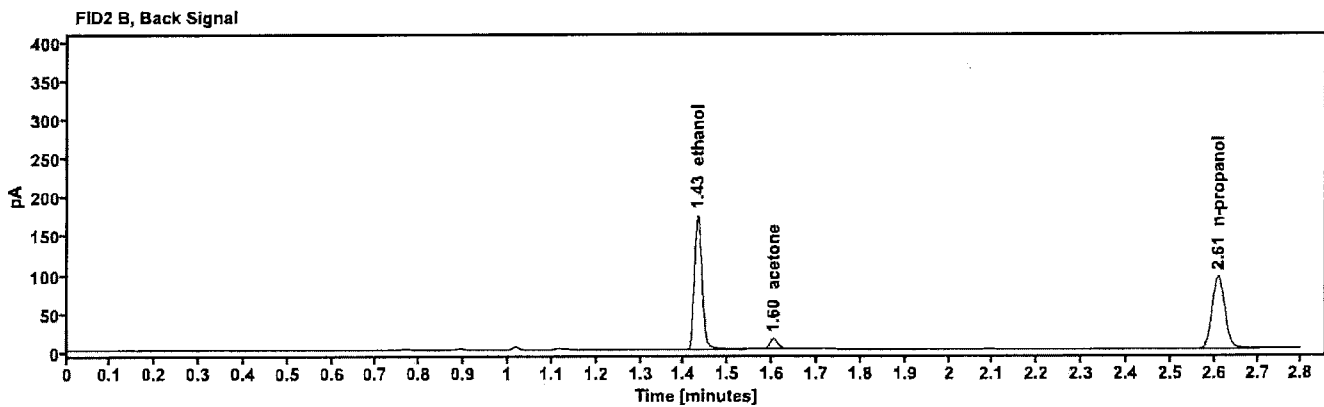
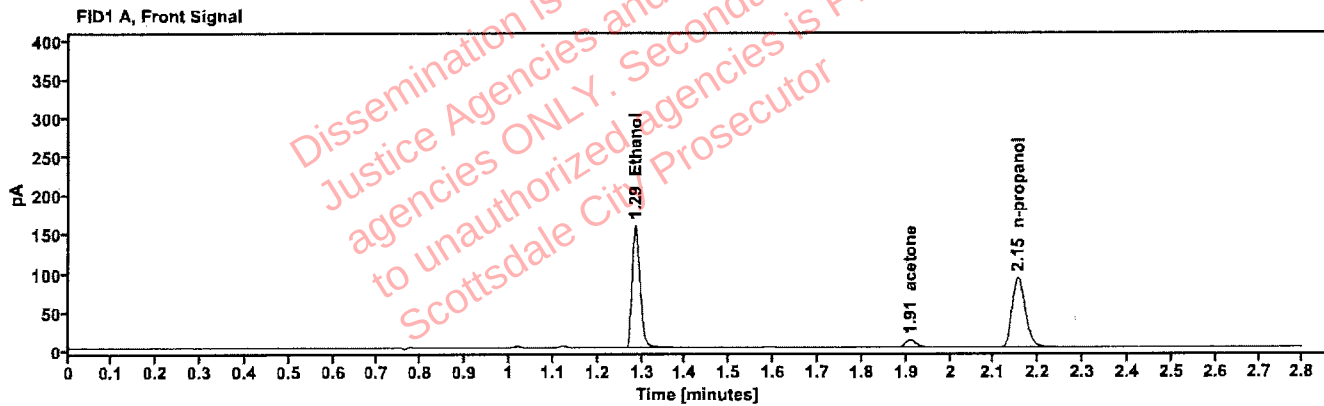


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2788	1.285	201.316
acetone	---	1.909	17.213
n-propanol	---	2.153	186.539

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

Compound	Time (min)	Peak Area
ethanol	1.431	208.217
acetone	1.602	17.673
n-propanol	2.609	191.958

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518783-1	Vial:	54
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 2:32:11 AM
Data file:	C:\Chem32\1\Data\01Oct25\54.D	Analyst:	Brooke

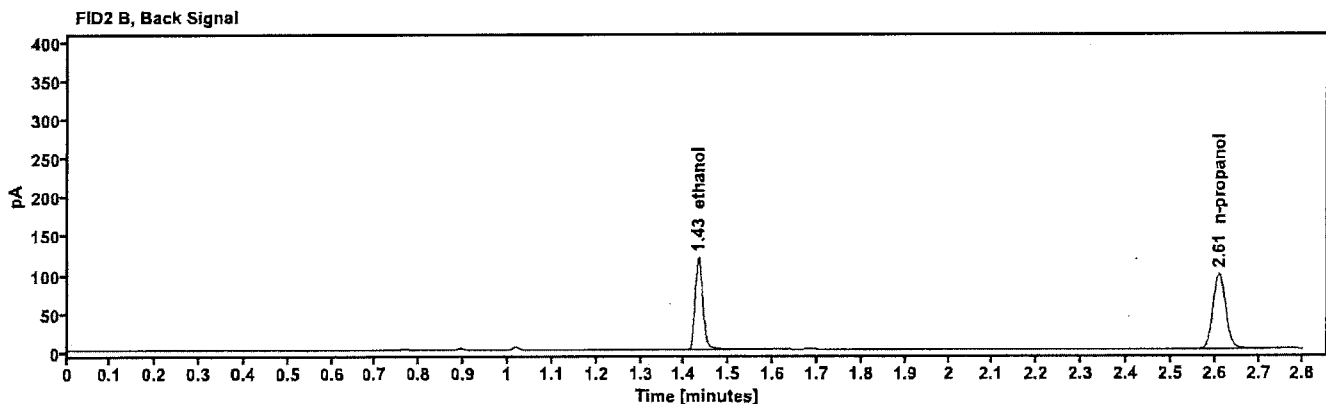
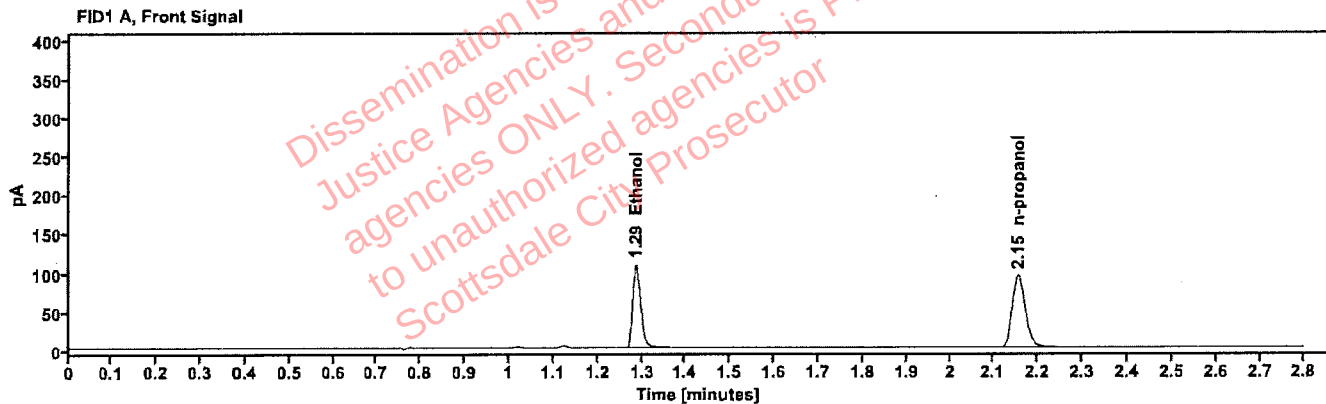


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1851	1.286	138.005
n-propanol	—	2.154	193.303

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

Compound	Time (min)	Peak Area
ethanol	1.431	142.414
n-propanol	2.610	199.445

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518783-1	Vial:	55
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 2:37:12 AM
Data file:	C:\Chem32\1\Data\01Oct25\55.D	Analyst:	Brooke

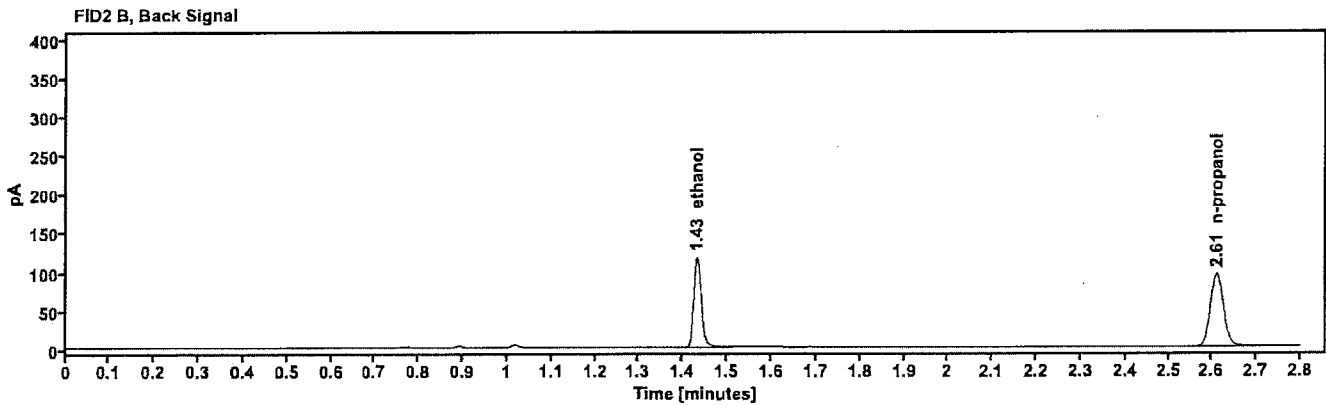
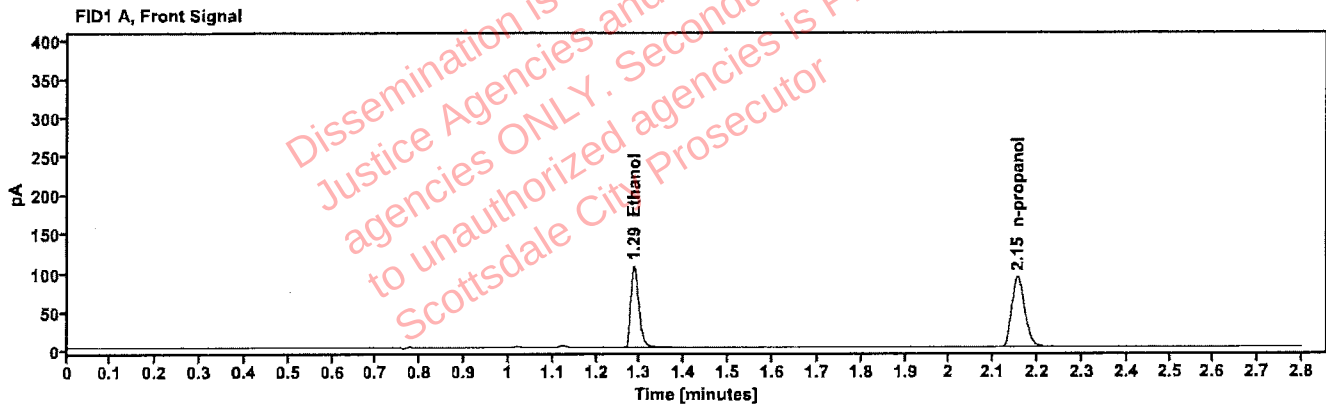


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1862	1.287	134.880
n-propanol	—	2.154	187.754

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

Compound	Time (min)	Peak Area
ethanol	1.432	138.776
n-propanol	2.610	193.693

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518851-1		Vial:	56
Description:		PB	LIMS ID:	
Method:	ethanol quant.M	10/10/25	Sequence:	01Oct25
Instrument:	US2320A024 US23180007		Injection date:	10/2/2025 2:41:00 AM
Data file:	C:\Chem32\1\Data\01Oct25\56.D		Analyst:	Brooke

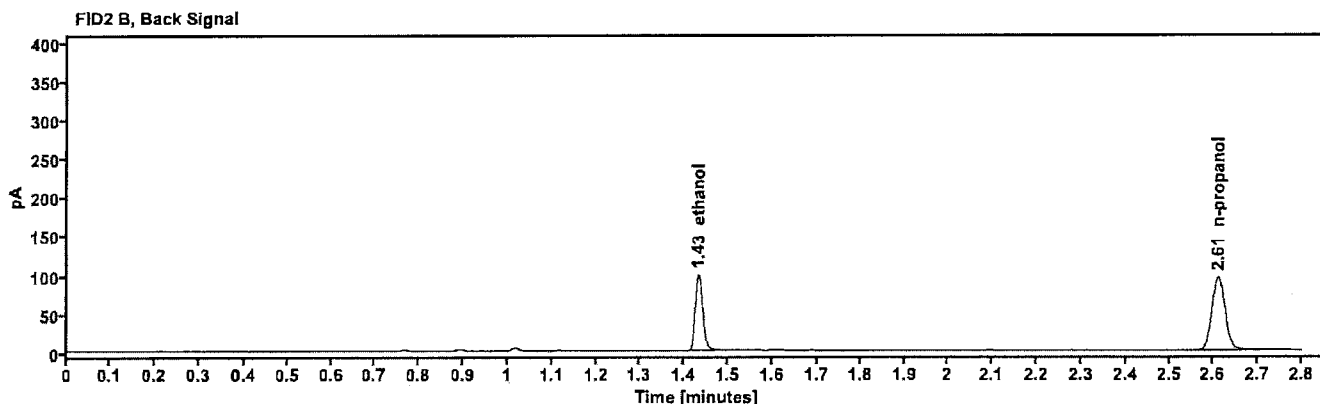
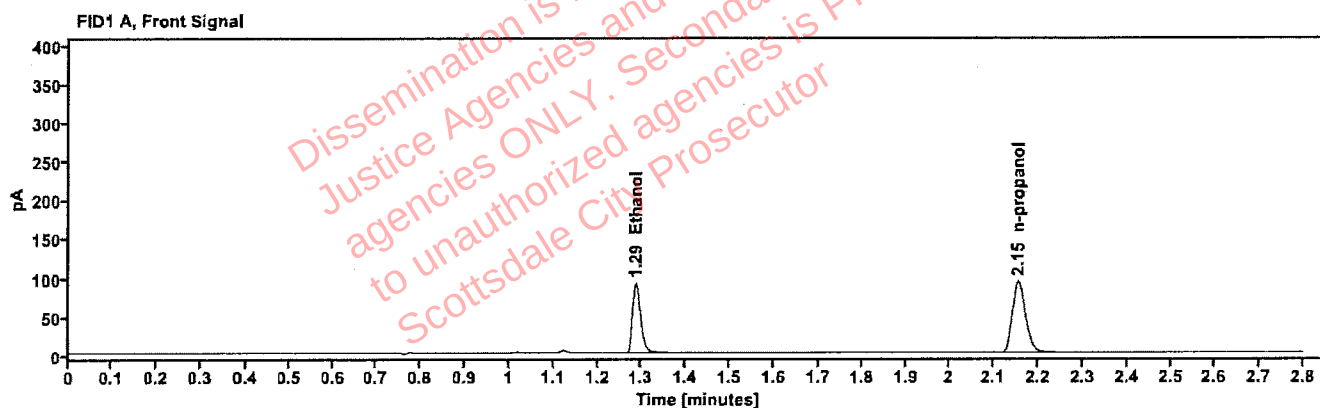


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1578	1.287	114.930
n-propanol	—	2.155	189.178

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

Compound	Time (min)	Peak Area
ethanol	1.432	118.100
n-propanol	2.610	194.944

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518851-1	PB	Vial:	57
Description:		10/10/25	LIMS ID:	
Method:	ethanol quant.M		Sequence:	01Oct25
Instrument:	US2320A024 US23180007		Injection date:	10/2/2025 2:44:48 AM
Data file:	C:\Chem32\1\Data\01Oct25\57.D		Analyst:	Brooke

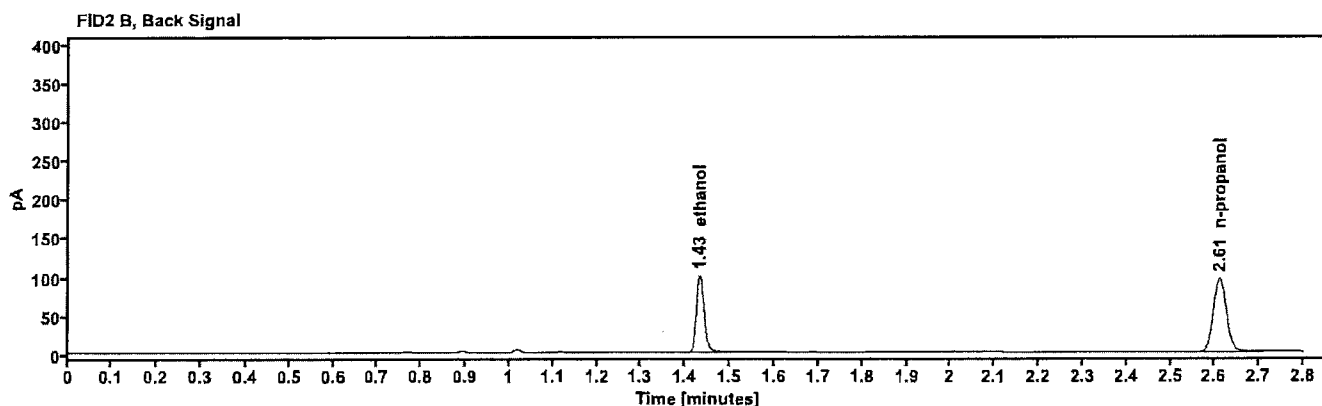
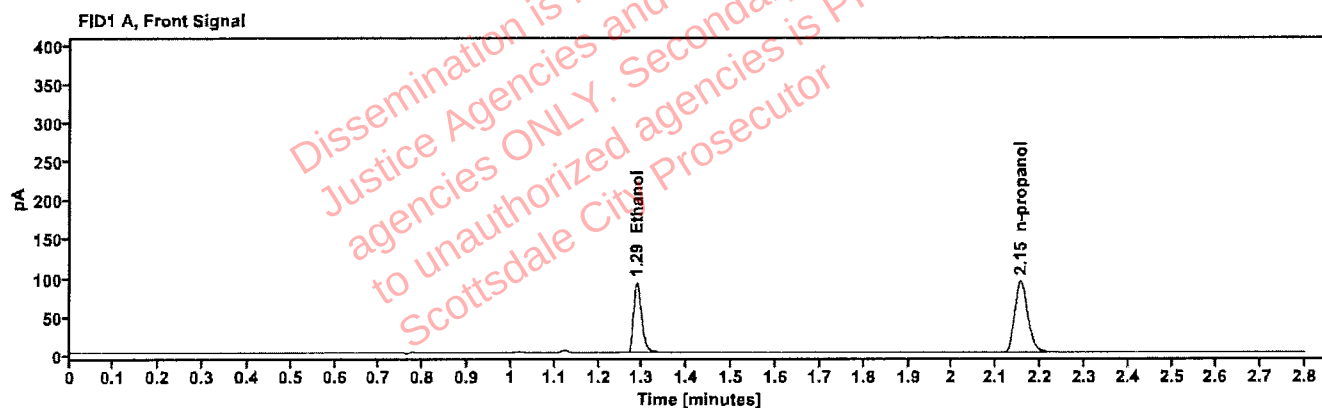


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1583	1.287	115.815
n-propanol	-----	2.155	190.061

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

Compound	Time (min)	Peak Area
ethanol	1.432	119.152
n-propanol	2.611	195.865

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518820-5	Vial:	58
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 2:48:35 AM
Data file:	C:\Chem32\1\Data\01Oct25\58.D	Analyst:	Brooke

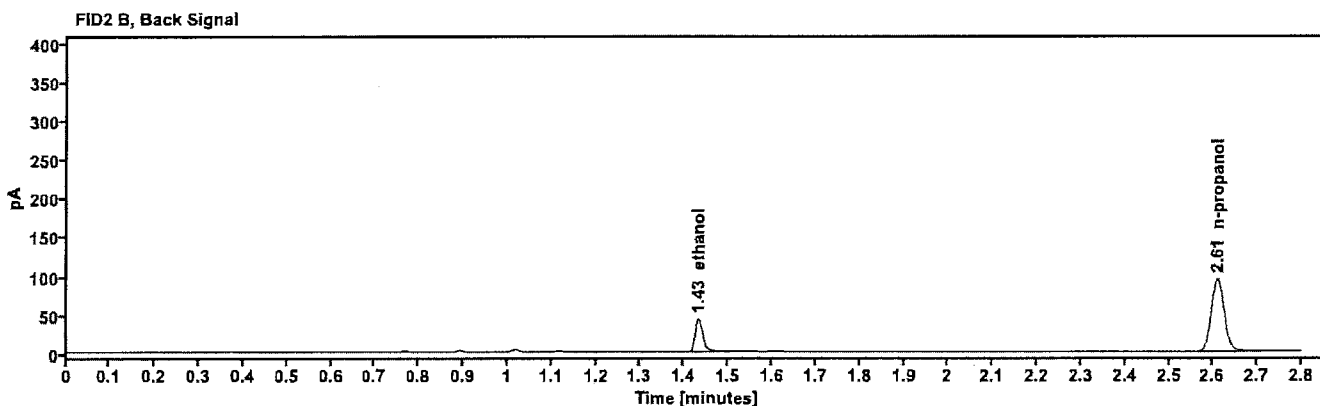
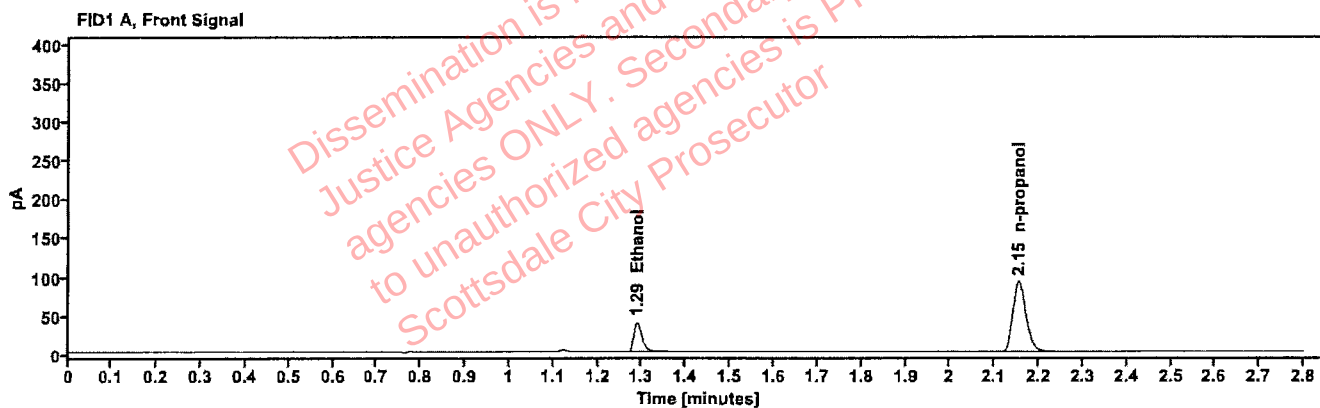


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0696	1.289	49.344
n-propanol	—	2.154	187.156

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

Compound	Time (min)	Peak Area
ethanol	1.433	50.973
n-propanol	2.610	192.995

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2518820-5	Vial:	59
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 2:52:24 AM
Data file:	C:\Chem32\1\Data\01Oct25\59.D	Analyst:	Brooke

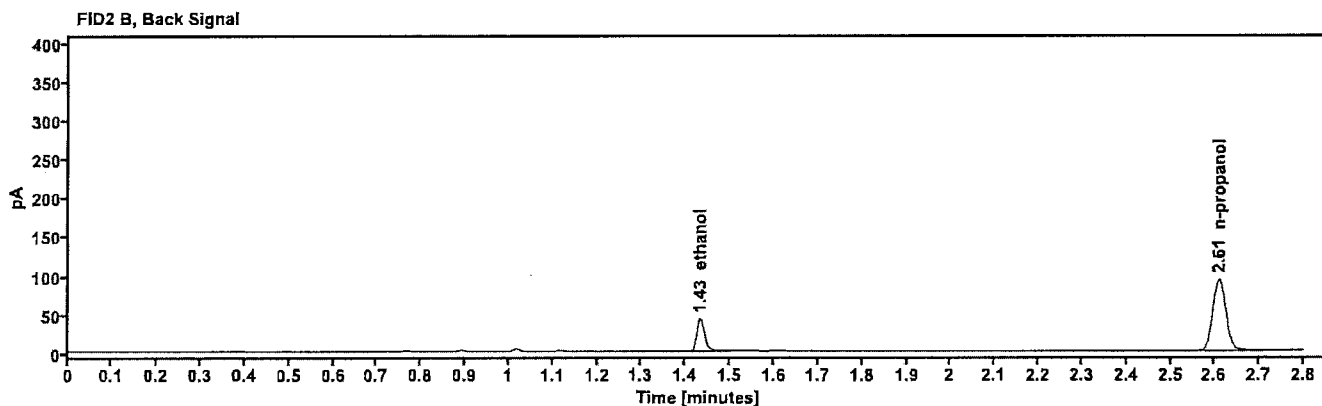
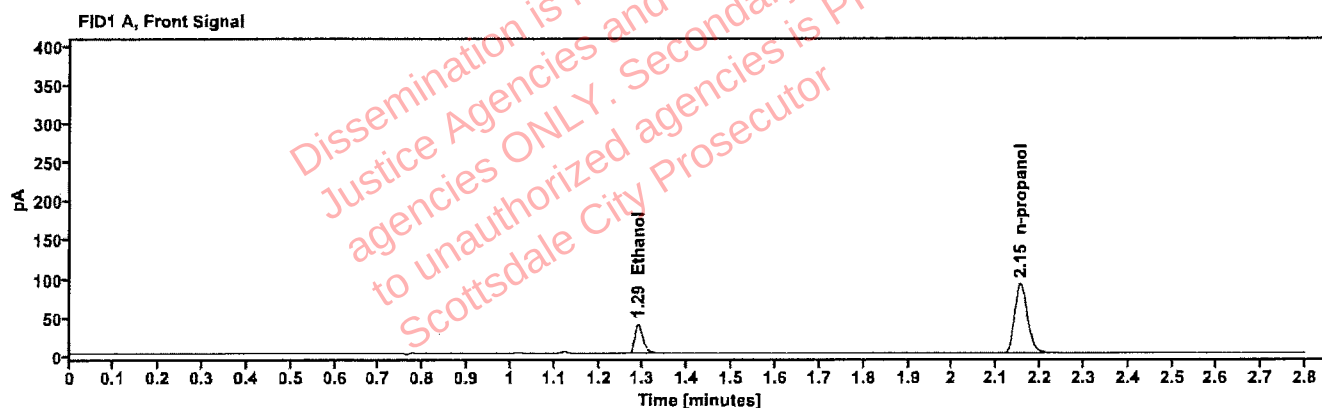


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0702	1.288	49.140
n-propanol	-----	2.154	184.900

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

Compound	Time (min)	Peak Area
ethanol	1.433	50.489
n-propanol	2.609	191.068

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2519057-2	Vial:	60
Description:	PB	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 2:56:12 AM
Data file:	C:\Chem32\1\Data\01Oct25\60.D	Analyst:	Brooke

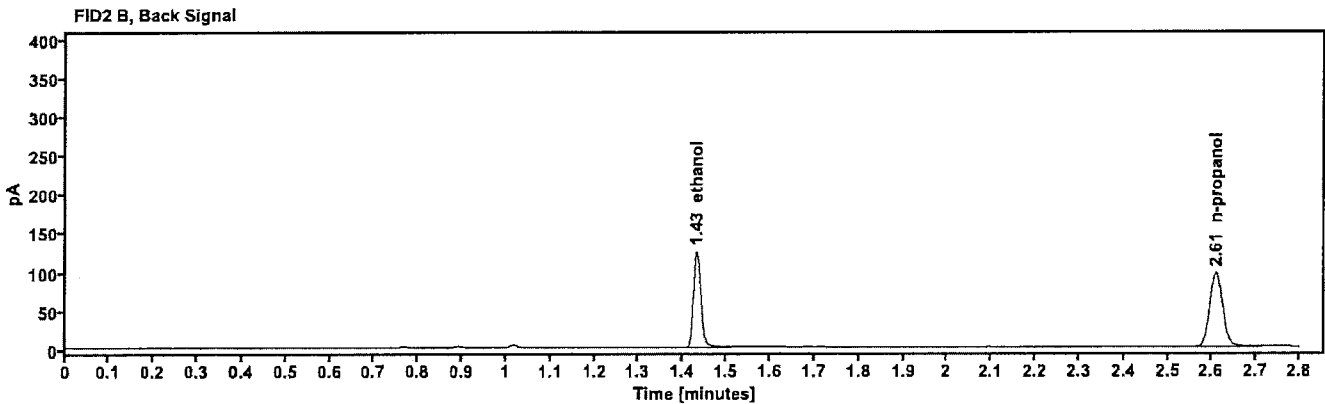
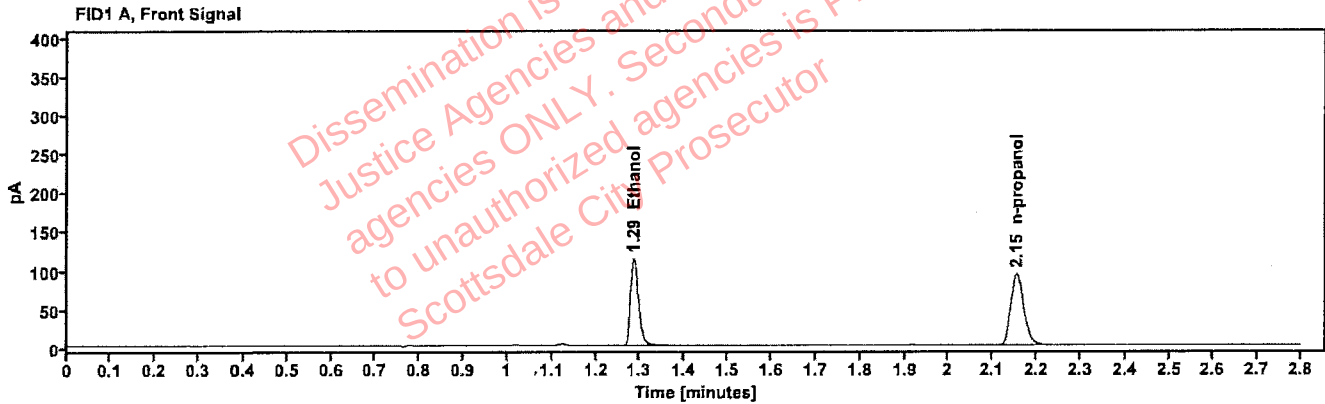


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1957	1.286	144.010
n-propanol	—	2.153	190.678

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

Compound	Time (min)	Peak Area
ethanol	1.431	148.156
n-propanol	2.609	196.782

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2519057-2	PB 10/10/25	Vial:	61
Description:			LIMS ID:	
Method:	ethanol quant.M		Sequence:	01Oct25
Instrument:	US2320A024 US23180007		Injection date:	10/2/2025 3:01:11 AM
Data file:	C:\Chem32\1\Data\01Oct25\61.D		Analyst:	Brooke

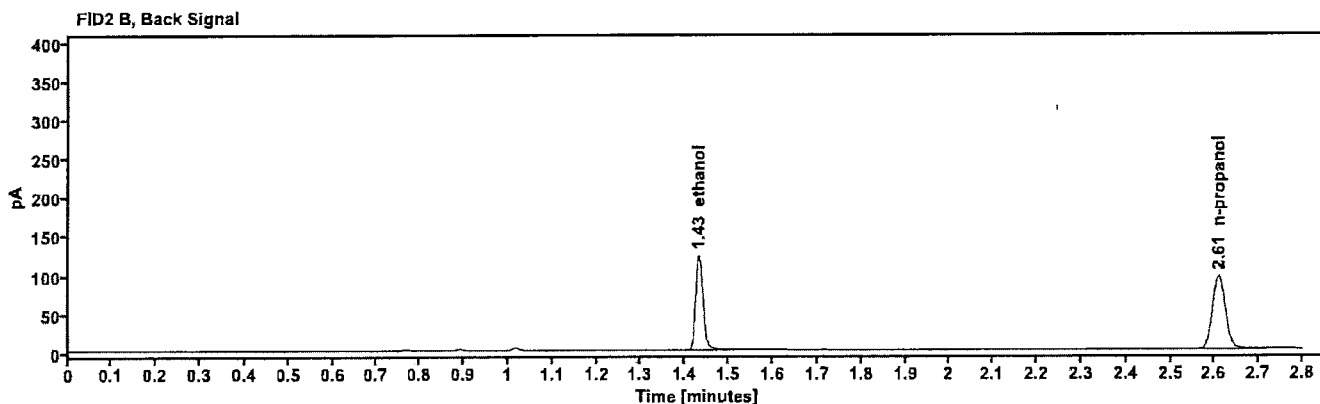
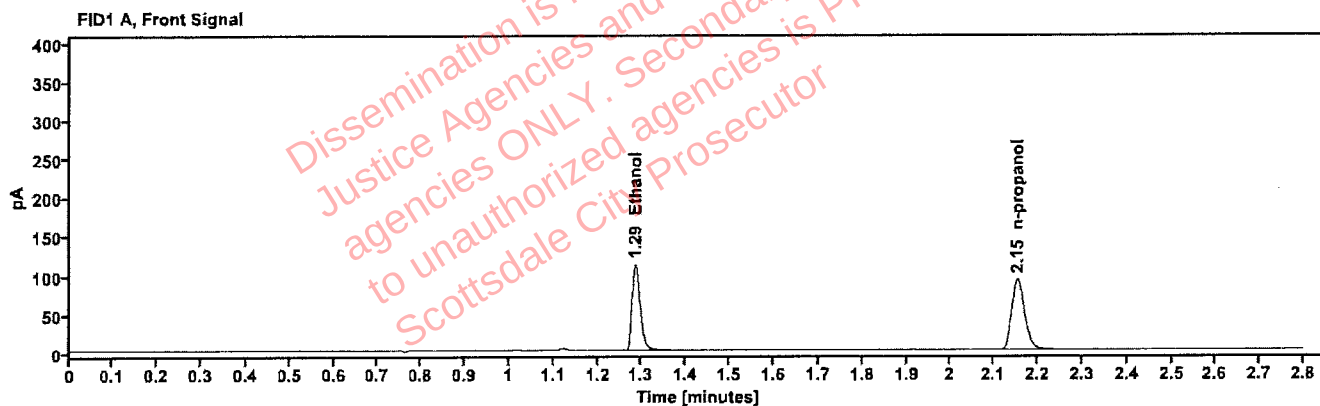


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1949	1.286	141.668
n-propanol	—	2.153	188.319

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

Compound	Time (min)	Peak Area
ethanol	1.431	146.096
n-propanol	2.609	194.297

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508623-1	Vial:	62
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 3:05:00 AM
Data file:	C:\Chem32\1\Data\01Oct25\62.D	Analyst:	Brooke

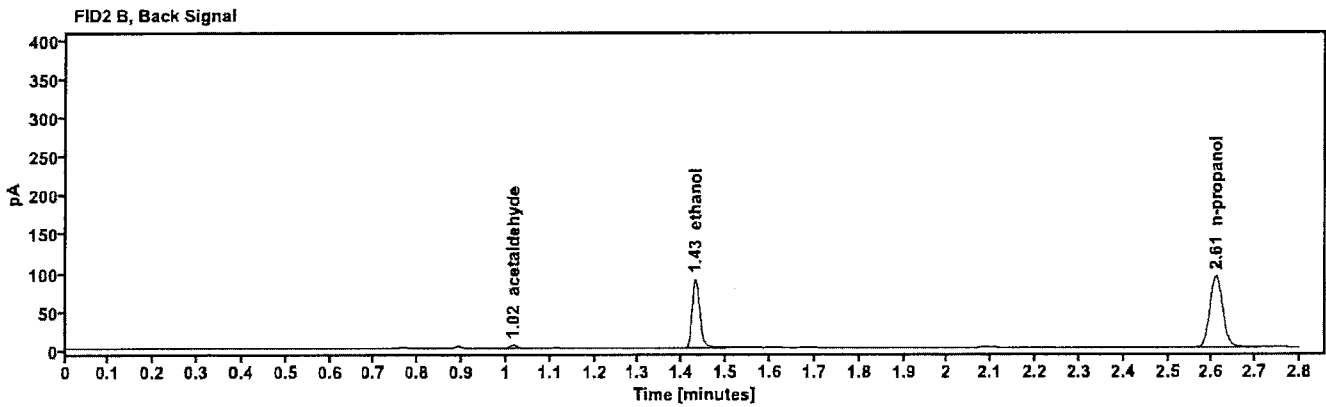
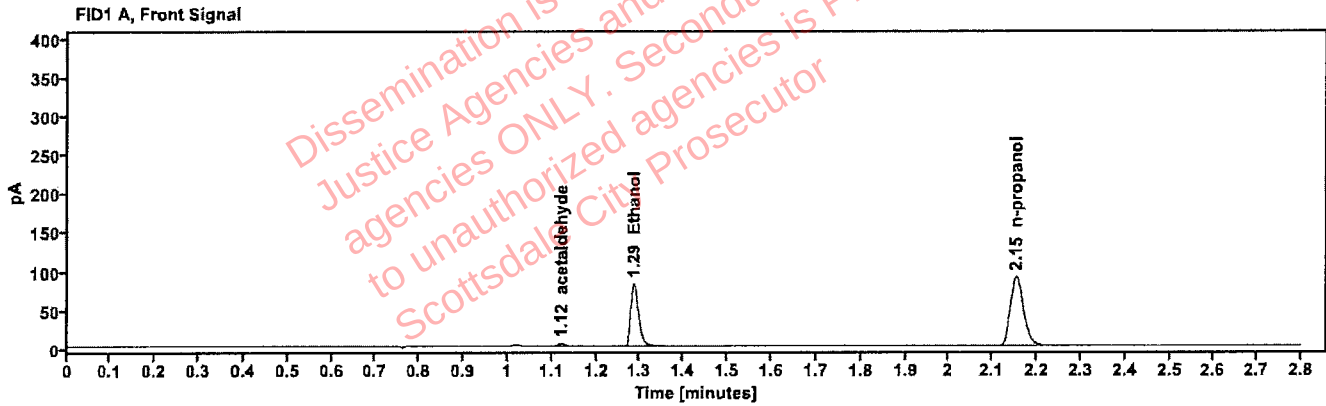


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
acetaldehyde	---	1.122	3.764
quantified Ethanol	0.1469	1.286	104.226
n-propanol	---	2.153	184.503

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

Compound	Time (min)	Peak Area
acetaldehyde	1.016	4.014
ethanol	1.431	106.973
n-propanol	2.608	190.645

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508623-1	Vial:	63
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Oct25
Instrument:	US2320A024 US23180007	Injection date:	10/2/2025 3:08:48 AM
Data file:	C:\Chem32\1\Data\01Oct25\63.D	Analyst:	Brooke

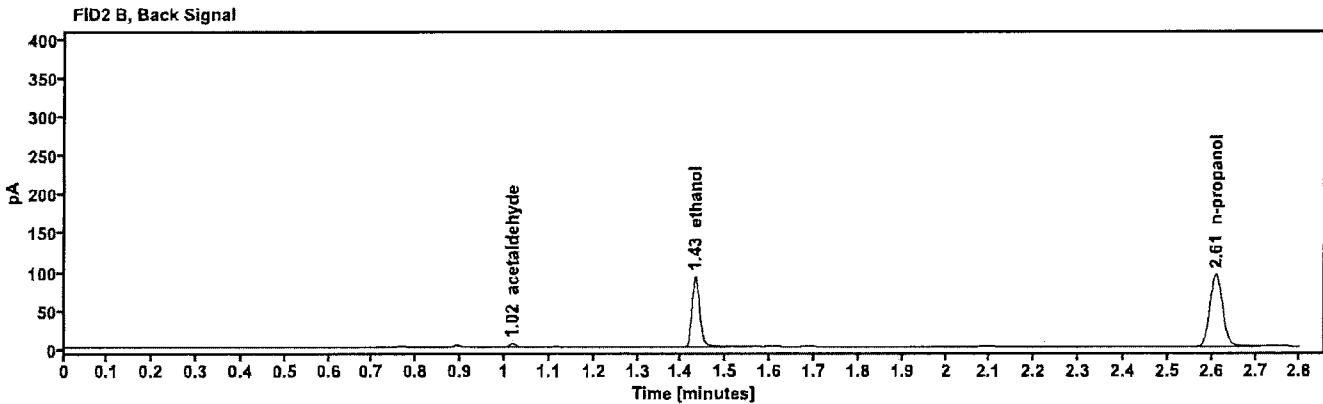
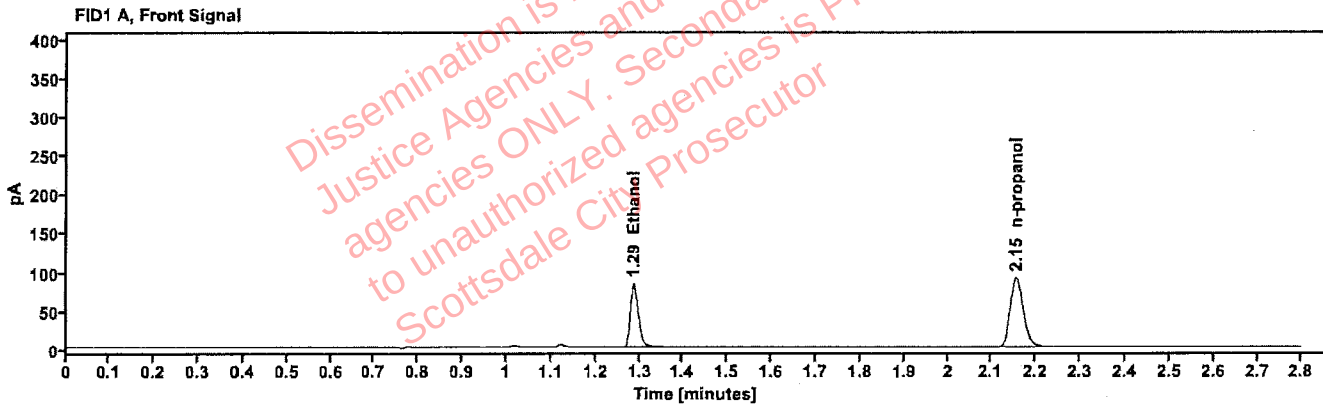


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1481	1.287	105.883
n-propanol	—	2.154	185.835

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

Compound	Time (min)	Peak Area
acetaldehyde	1.017	3.961
ethanol	1.431	108.988
n-propanol	2.609	191.823