

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 08/15/2023 SEQUENCE NAME 15Aug23

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN10051909 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN11172002 0.99999
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

<u>Vial</u>	<u>Sample</u>	<u>Expected result</u>	<u>Measured result</u>	<u>Manufacturer/lot</u>
5	Blank	Not detected	Not detected	SPD lab 011823WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/10
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.082 g/dL	Lipomed 20012020-B
42	Aqueous control	0.400 g/dL	0.414 g/dL	Lipomed 30012020-A
43	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/10
45	Blank	Not detected	Not detected	SPD lab 060223AQ

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid [Signature] Run valid [Signature]
 Run invalid Analyst Run invalid Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

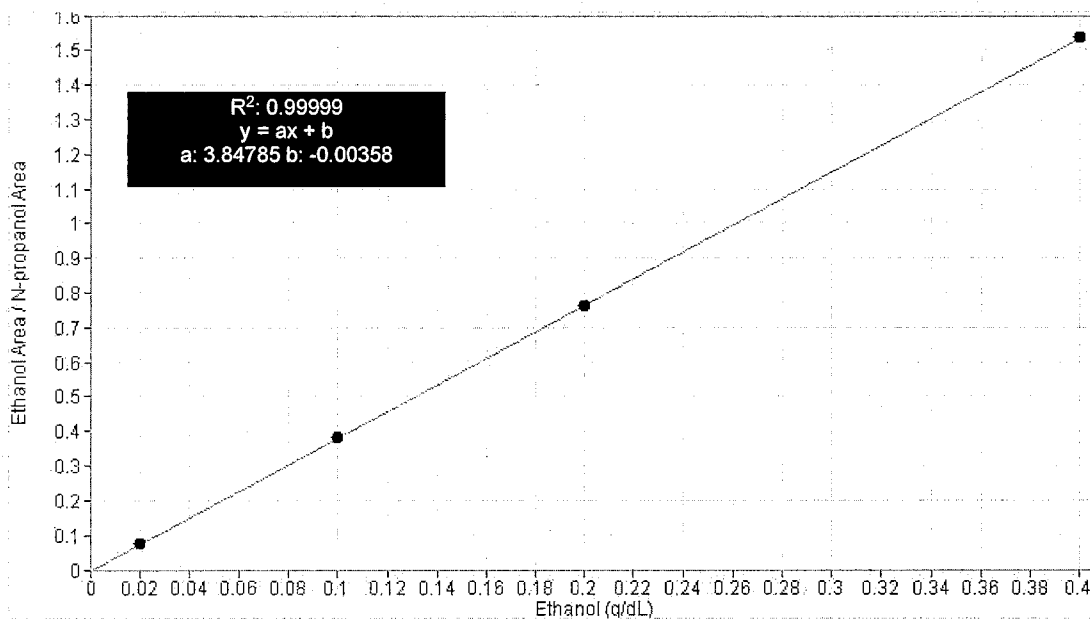
SEQUENCE NAME: 15Aug23

ANALYST: Abbott *AB*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 011823WB	5	negative	negative	-	-
0.400 30012020-A	7	0.401	0.400	0.25	0.001
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/10	9	0.204	0.199	2.51	0.005
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.080 20012020-B	31	0.082	0.080	2.50	0.002
0.400 30012020-A	42	0.414	0.400	3.50	0.014
0.040 14082019-B	43	0.040	0.040	0.00	0.000
0.199 4110320133/10	44	0.204	0.199	2.51	0.005
blank 060223AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.715	156.014	0.075
0.100	60.113	157.918	0.381
0.200	119.598	156.630	0.764
0.400	243.909	158.710	1.537

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051909	Vial: 1
Description: 0.020 calibrator	Sequence: 15Aug23
Method: ethanol quant.M	Injection date: 8/15/2023 3:44:20 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>AK</i>
Data file: C:\Chem32\1\Data\15Aug23\1.D	

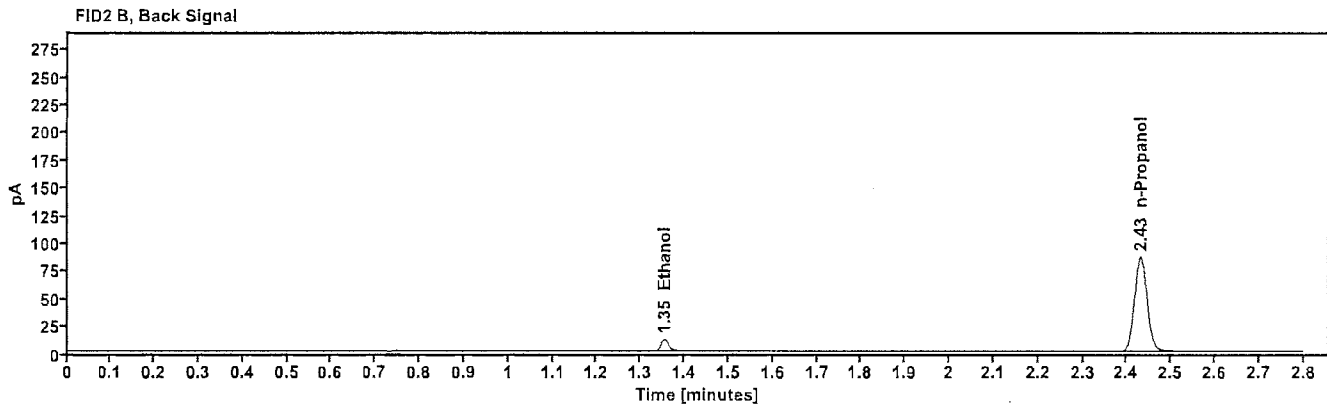
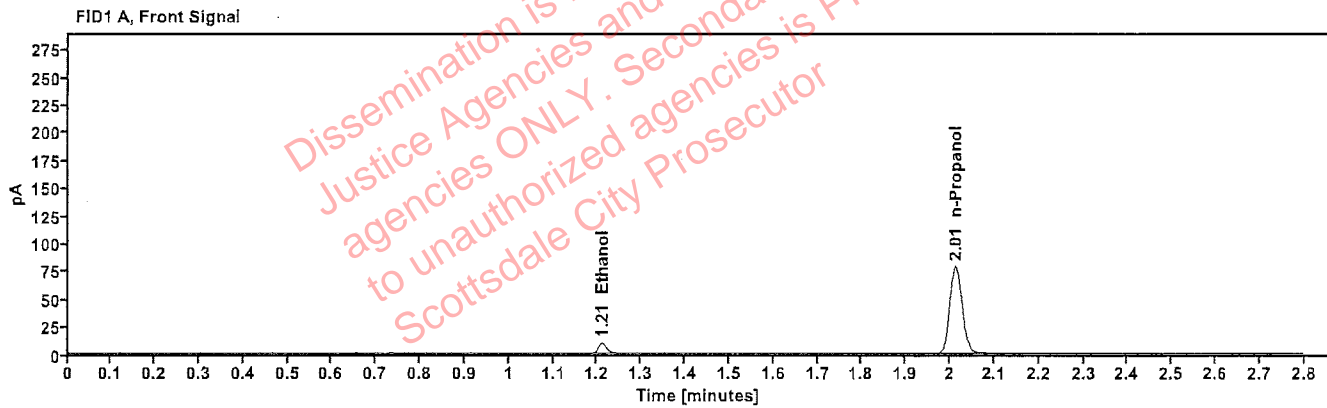


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	11.715
n-Propanol	2.013	156.014

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

Compound	Time (min)	Peak Area
Ethanol	1.355	12.761
n-Propanol	2.431	169.525

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN11172002	Vial: 2
Description: 0.100 calibrator	Sequence: 15Aug23
Method: ethanol quant.M	Injection date: 8/15/2023 3:48:20 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>DA</i>
Data file: C:\Chem32\1\Data\15Aug23\2.D	

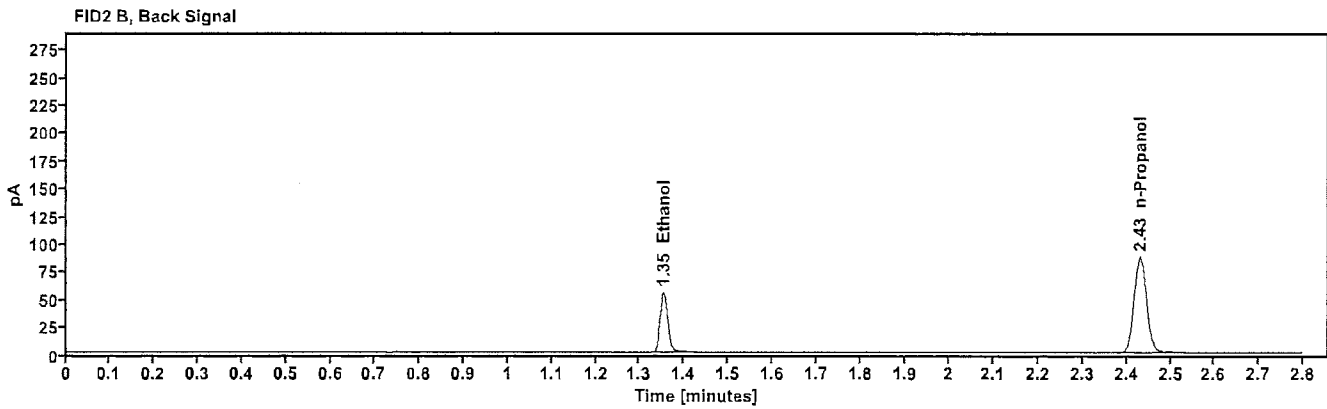
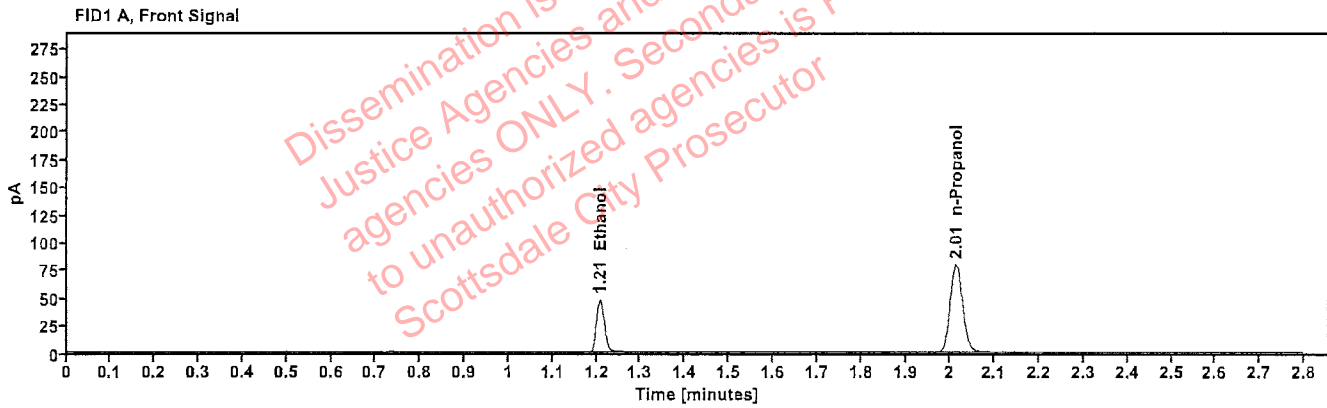


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	60.113
n-Propanol	2.013	157.918

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

Compound	Time (min)	Peak Area
Ethanol	1.353	65.581
n-Propanol	2.431	171.428

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03132302	Vial: 3
Description: 0.200 calibrator	Sequence: 15Aug23
Method: ethanol quant.M	Injection date: 8/15/2023 3:52:20 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\15Aug23\3.D	<i>[Signature]</i>

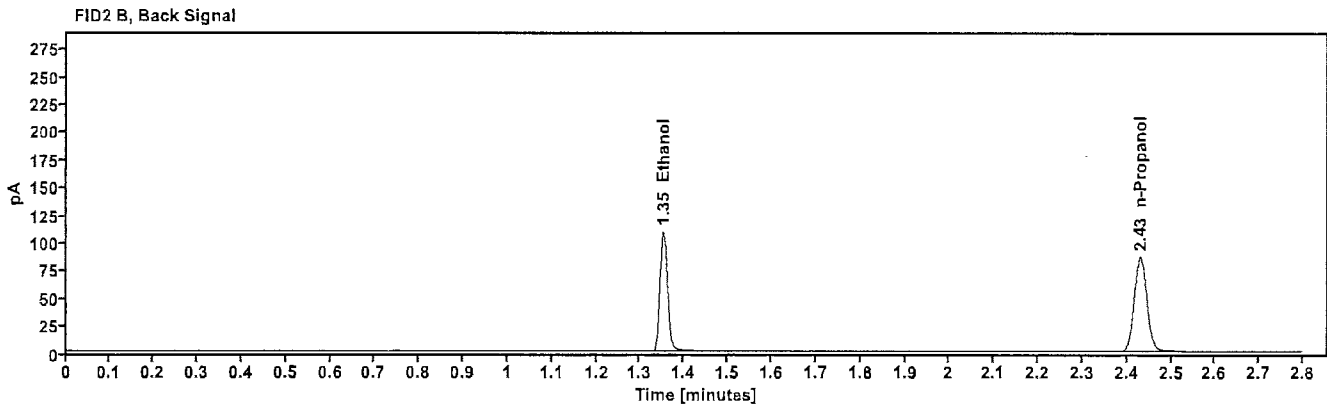
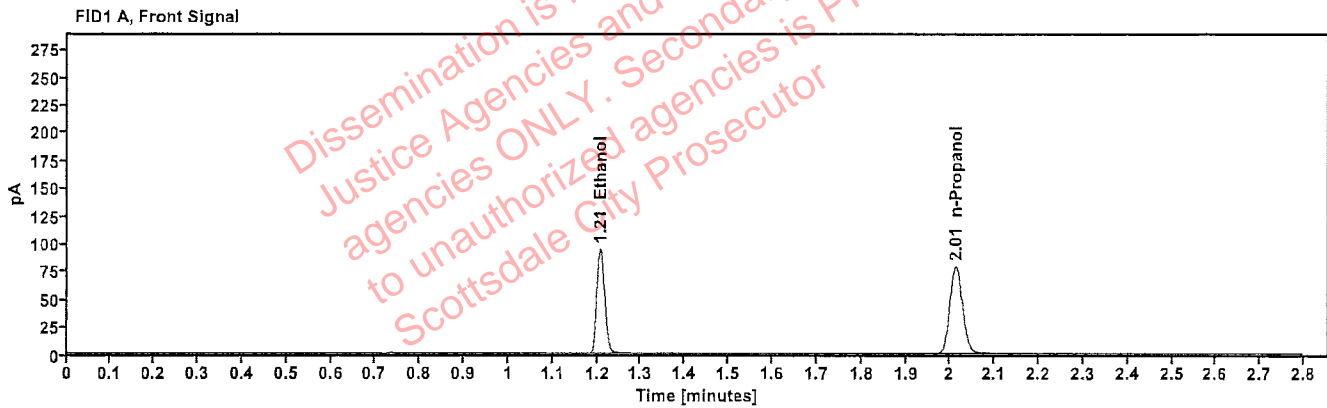


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	119.598
n-Propanol	2.012	156.630

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

Compound	Time (min)	Peak Area
Ethanol	1.353	130.629
n-Propanol	2.430	170.132

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 15Aug23
Method: ethanol quant.M	Injection date: 8/15/2023 3:56:20 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\15Aug23\4.D	<i>[Signature]</i>

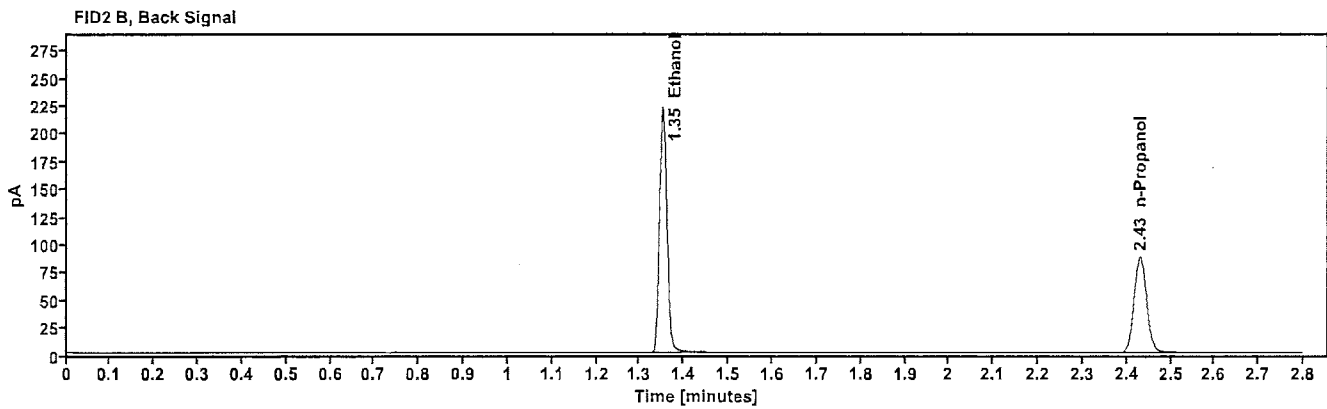
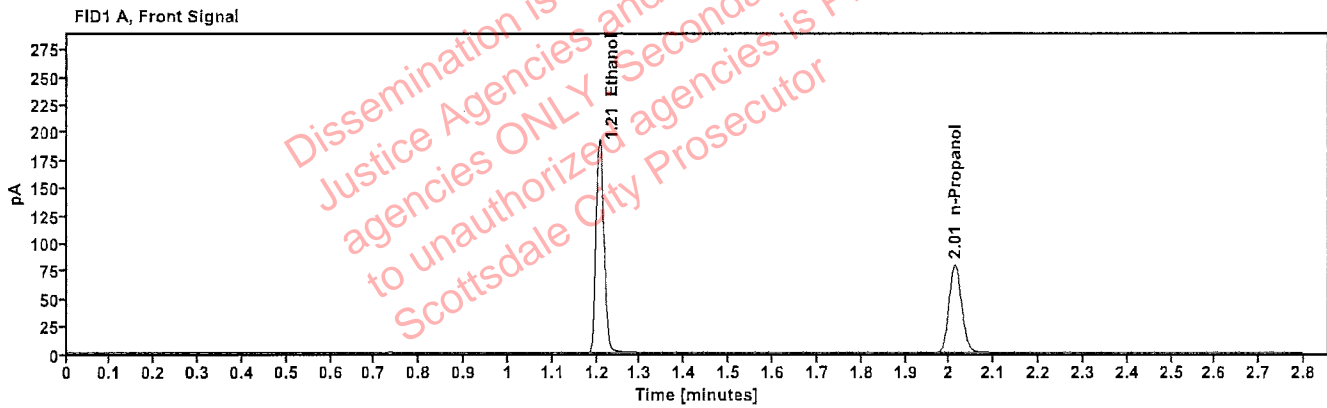


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.206	243.909
n-Propanol	2.012	158.710

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

Compound	Time (min)	Peak Area
Ethanol	1.352	267.771
n-Propanol	2.430	172.654

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 011823WB	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 15Aug23
Instrument: US14173023 CN14160045	Injection date: 8/15/2023 4:00:19 PM
Data file: C:\Chem32\1\Data\15Aug23\5.D	Analyst: Abbott

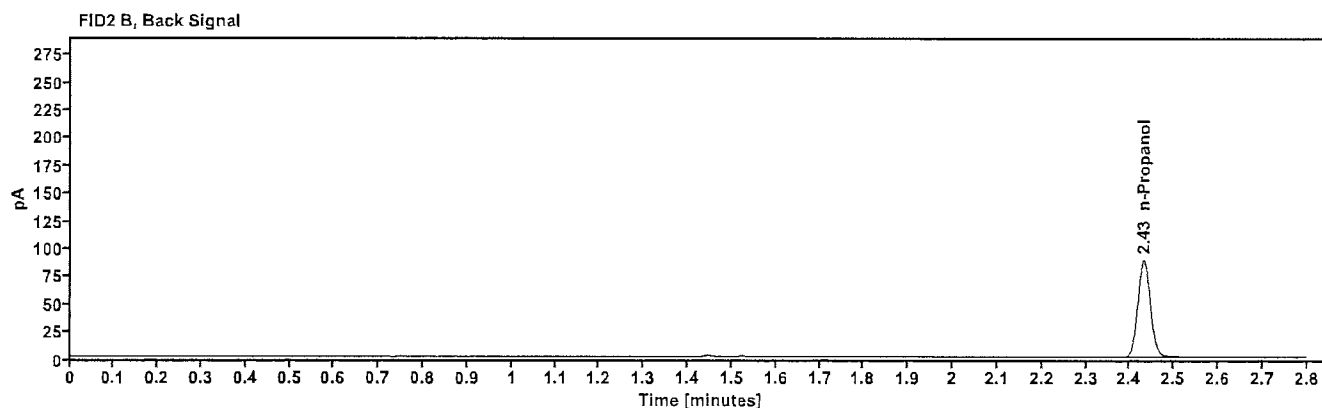
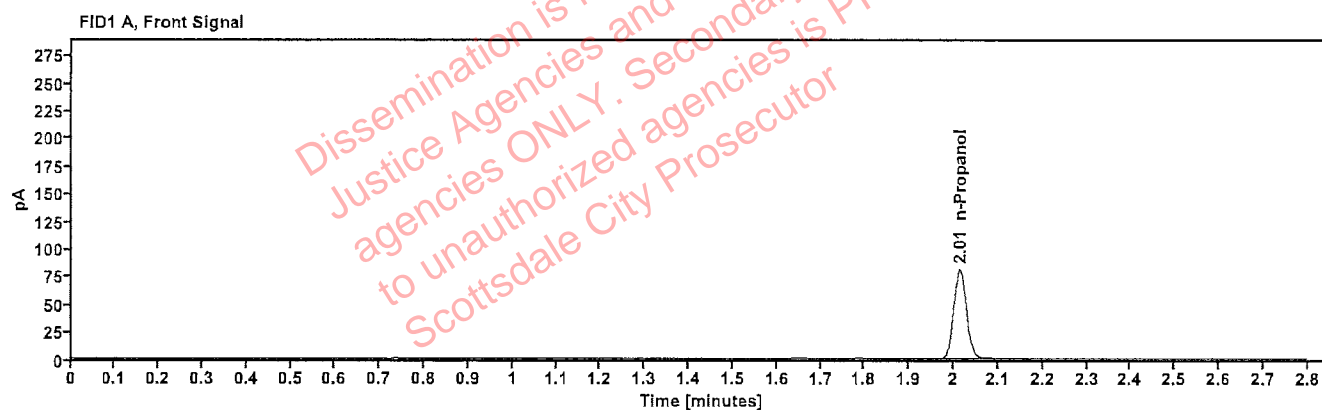


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.014	160.557

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

Compound	Time (min)	Peak Area
n-Propanol	2.432	174.631

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 15Aug23
Instrument: US14173023 CN14160045	Injection date: 8/15/2023 4:04:20 PM
Data file: C:\Chem32\1\Data\15Aug23\6.D	Analyst: Abbott <i>Abbott</i>

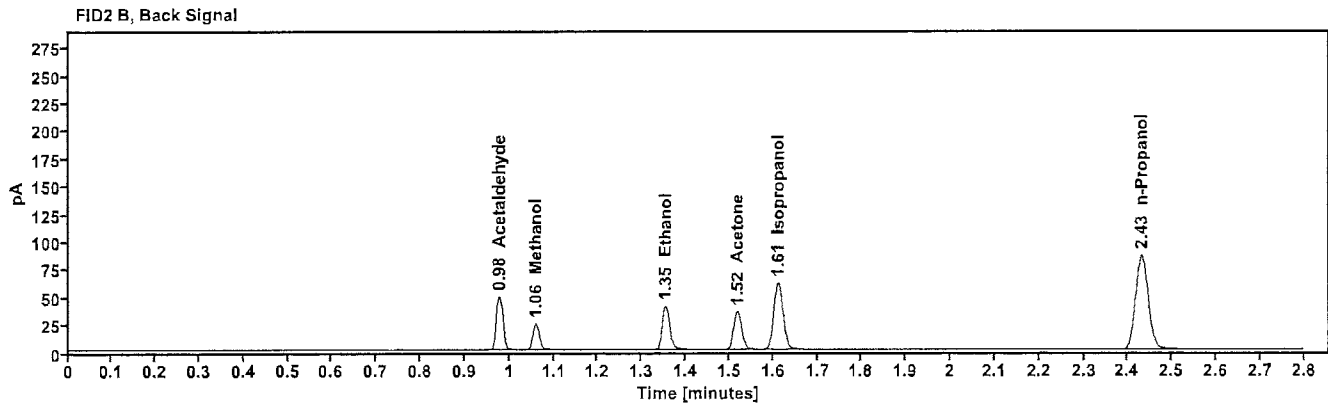
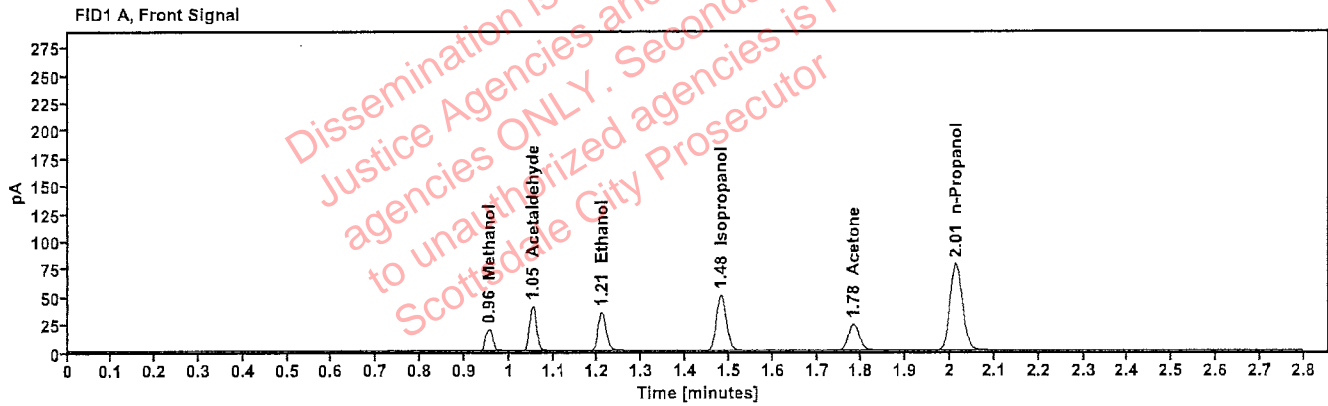


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.955	22.288
Acetaldehyde	-----	1.053	44.412
>Ethanol	0.0741	1.209	43.937
Isopropanol	-----	1.481	80.661
Acetone	-----	1.782	41.005
n-Propanol	-----	2.013	155.962

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	49.584
Methanol	1.059	24.764
Ethanol	1.354	47.865
Acetone	1.519	45.117
Isopropanol	1.612	89.221
n-Propanol	2.431	169.434

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 15Aug23
Instrument: US14173023 CN14160045	Injection date: 8/15/2023 4:08:35 PM
Data file: C:\Chem32\1\Data\15Aug23\7.D	Analyst: Abbott

Abbott

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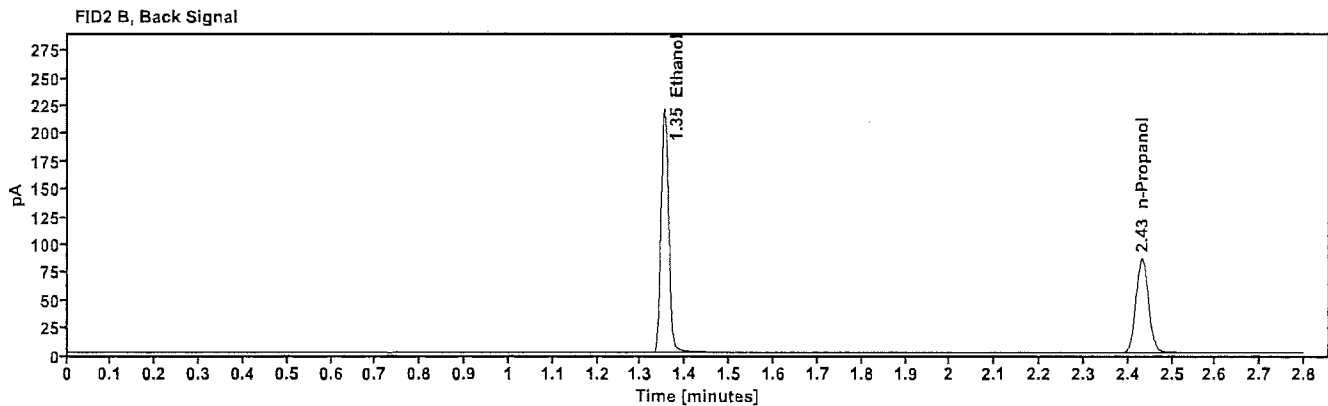
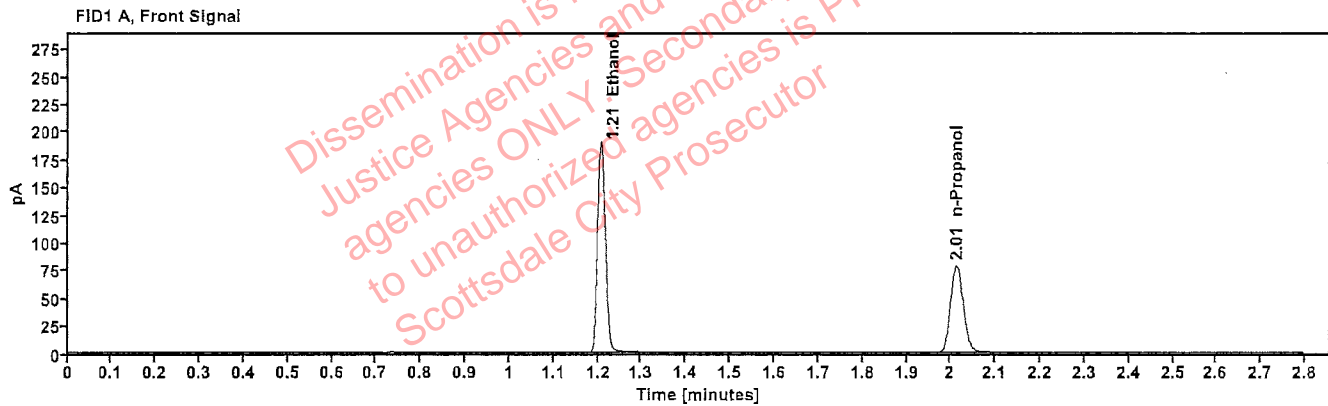


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4018	1.207	240.921
n-Propanol	---	2.013	156.204

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

Compound	Time (min)	Peak Area
Ethanol	1.353	264.312
n-Propanol	2.431	169.488

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 15Aug23
Instrument: US14173023 CN14160045	Injection date: 8/15/2023 4:12:35 PM
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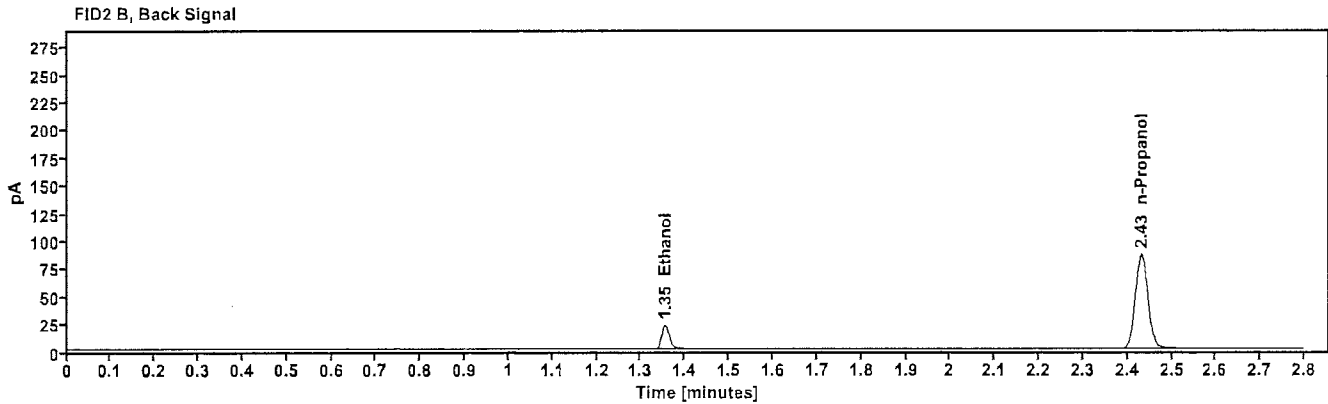
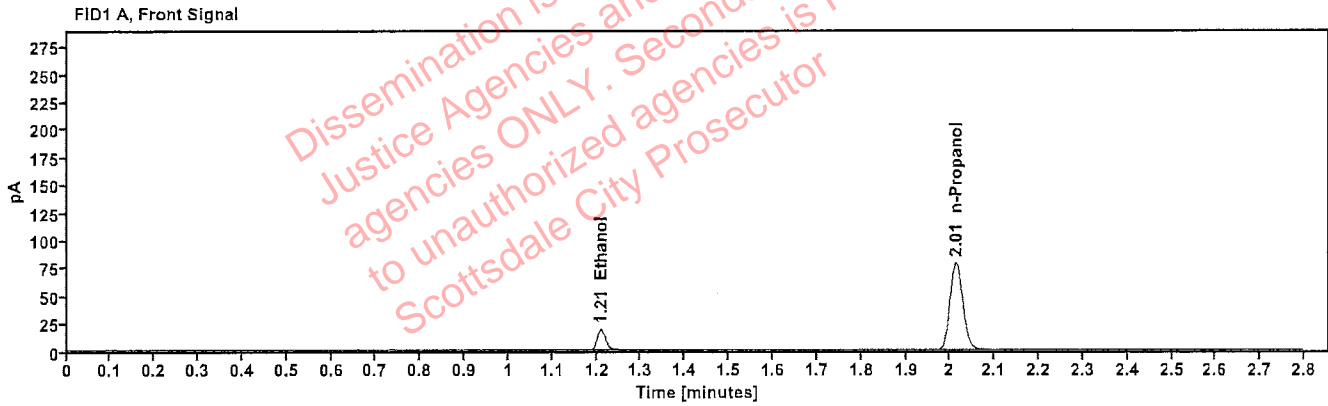


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.210	23.931
n-Propanol	-----	2.013	156.126

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

Compound	Time (min)	Peak Area
Ethanol	1.355	26.086
n-Propanol	2.431	169.531

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/10	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 15Aug23
Instrument: US14173023 CN14160045	Injection date: 8/15/2023 4:16:34 PM
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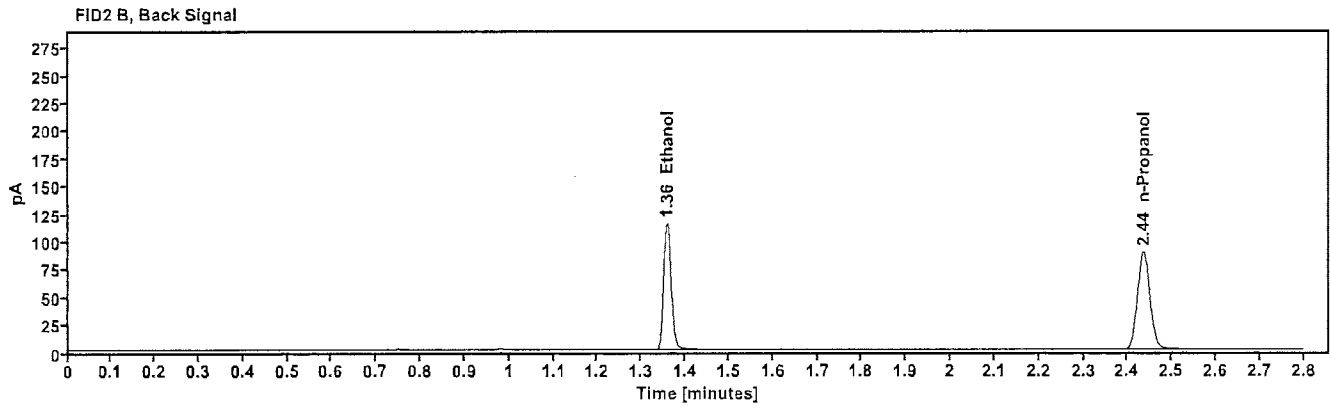
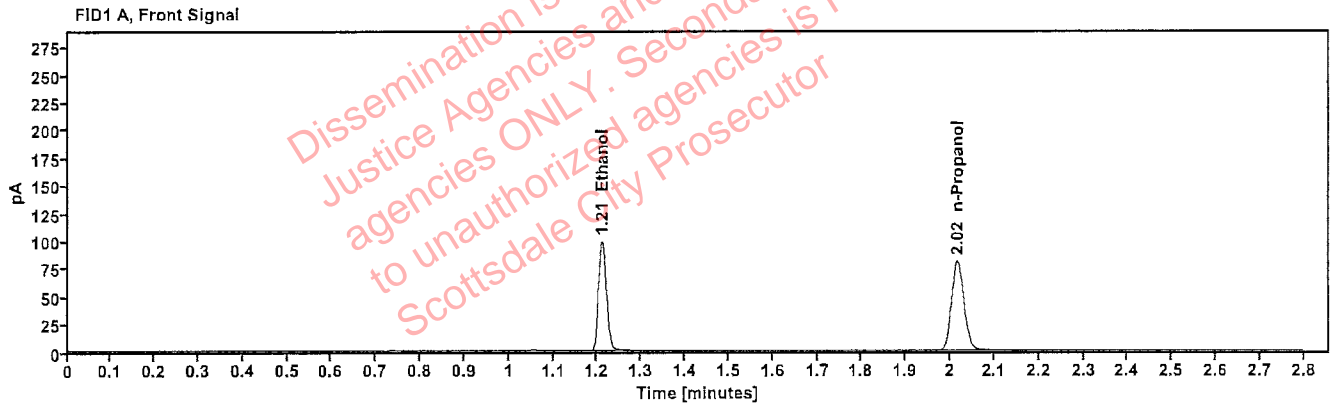


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2045	1.210	125.969
n-Propanol	-----	2.016	160.816

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

Compound	Time (min)	Peak Area
Ethanol	1.358	137.842
n-Propanol	2.436	174.562

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 15Aug23
Instrument: US14173023 CN14160045	Injection date: 8/15/2023 5:01:05 PM
Data file: C:\Chem32\1\Data\15Aug23\20.D	Analyst: Abbott

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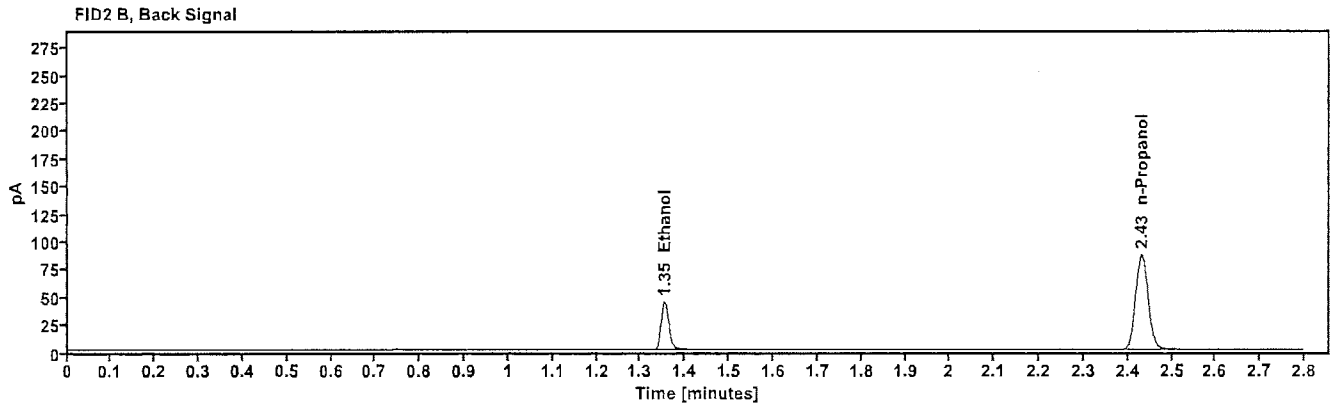
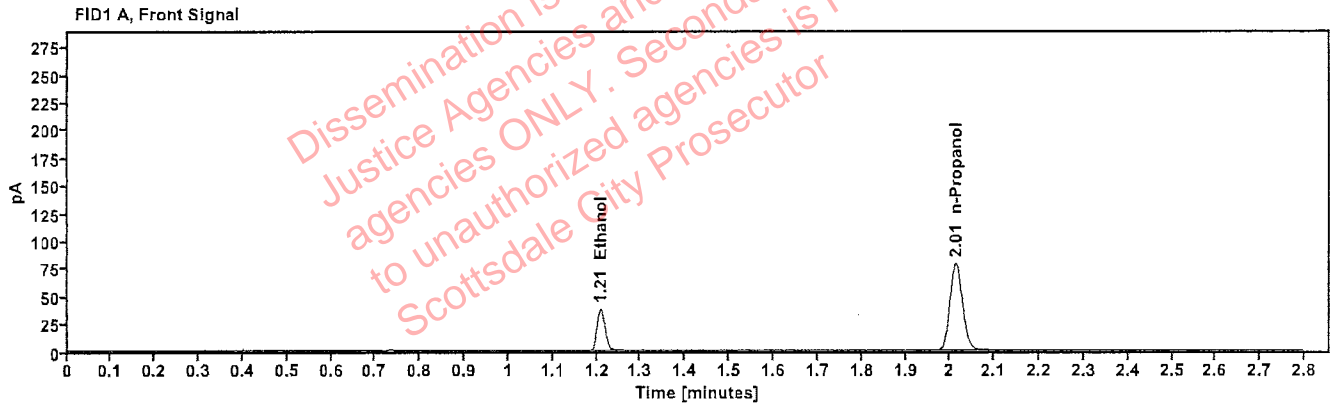


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0807	1.209	48.239
n-Propanol	-----	2.013	157.073

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

Compound	Time (min)	Peak Area
Ethanol	1.354	52.679
n-Propanol	2.432	170.693

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 15Aug23
Instrument: US14173023 CN14160045	Injection date: 8/15/2023 5:45:35 PM
Data file: C:\Chem32\1\Data\15Aug23\31.D	Analyst: Abbott

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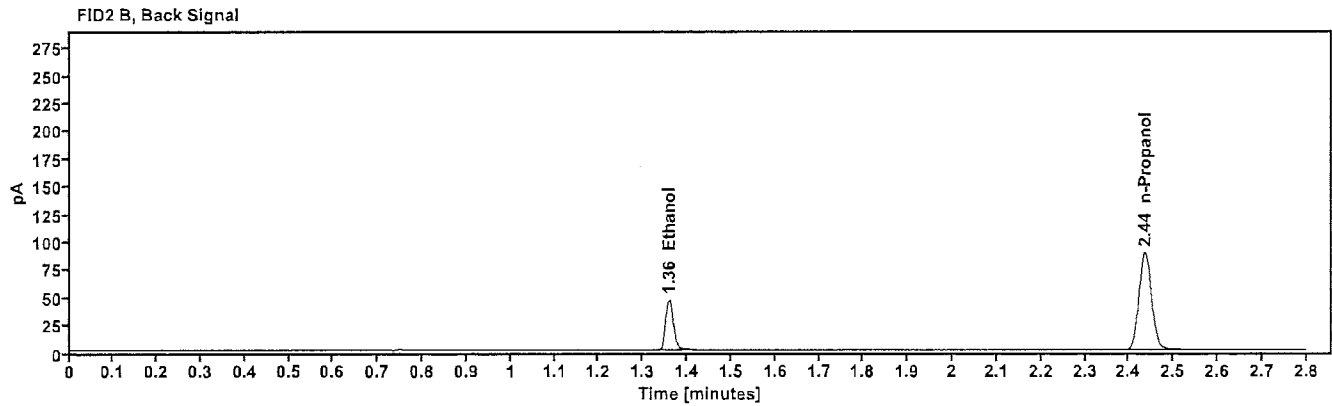
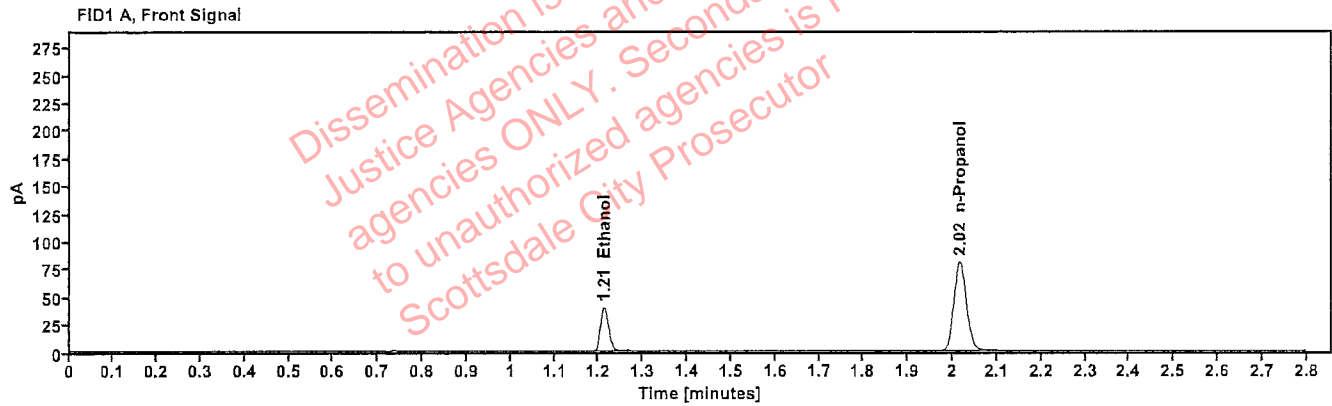


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0826	1.211	50.436
n-Propanol	-----	2.016	160.584

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

Compound	Time (min)	Peak Area
Ethanol	1.359	55.045
n-Propanol	2.436	174.389

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 15Aug23
Instrument: US14173023 CN14160045	Injection date: 8/15/2023 6:29:51 PM
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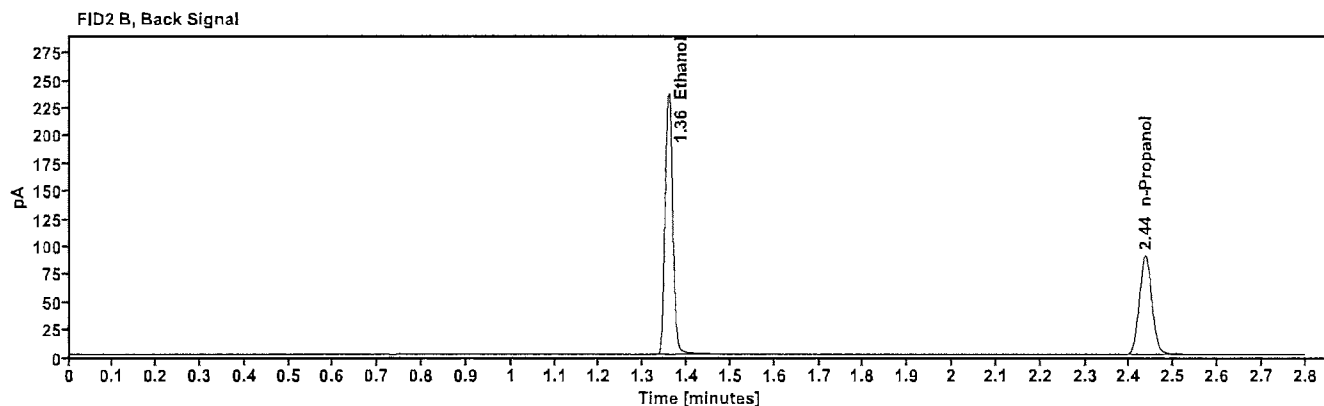
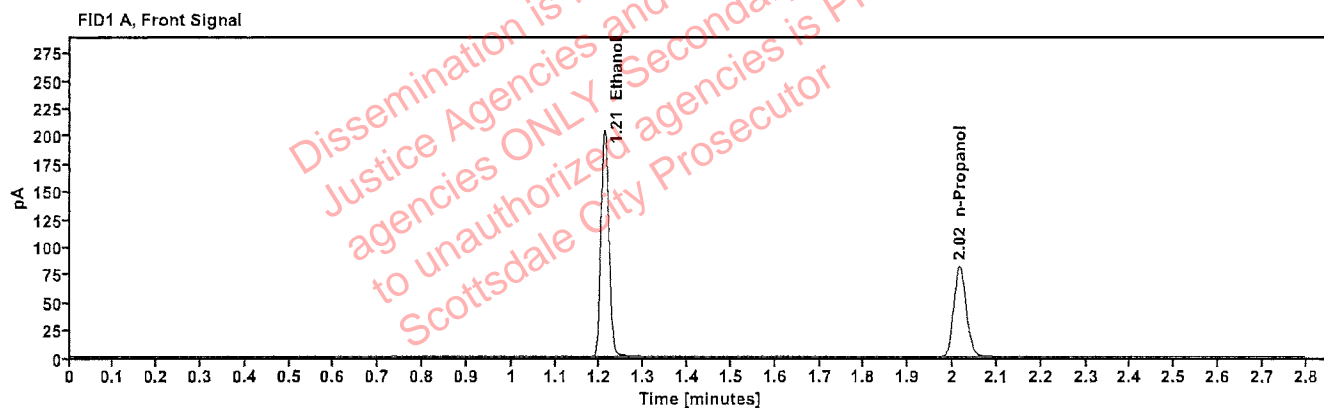


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4147	1.210	259.201
n-Propanol	-----	2.016	162.816

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

Compound	Time (min)	Peak Area
Ethanol	1.358	284.772
n-Propanol	2.436	176.976

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 15Aug23
Instrument: US14173023 CN14160045	Injection date: 8/15/2023 6:34:05 PM
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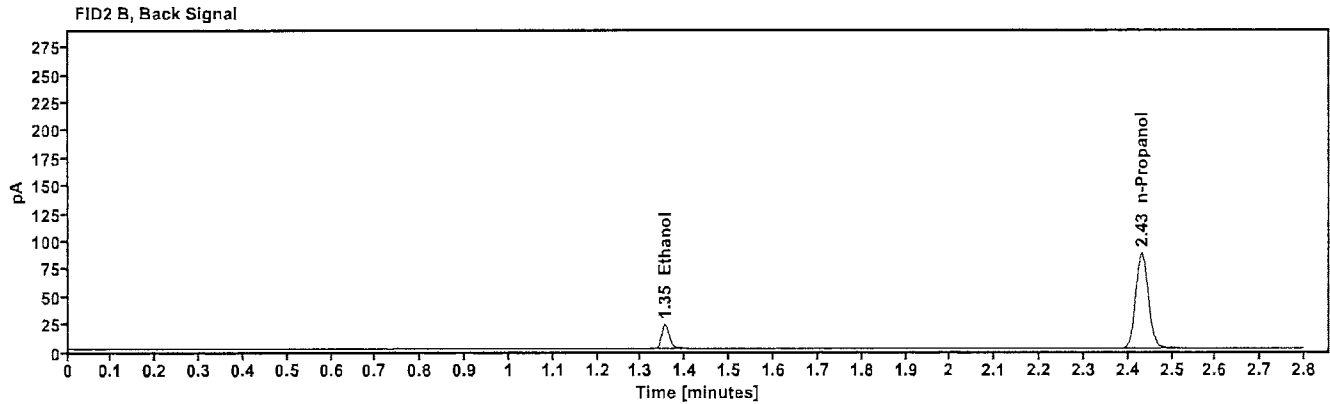
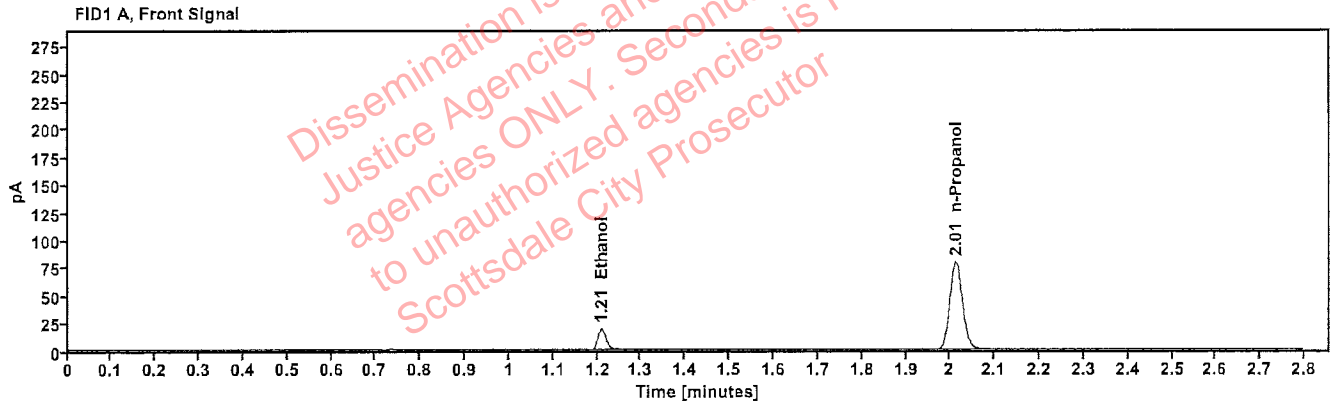


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0407	1.209	24.217
n-Propanol	----	2.013	158.144

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

Compound	Time (min)	Peak Area
Ethanol	1.354	26.383
n-Propanol	2.431	171.778

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/10	Vial: 44
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 15Aug23
Instrument: US14173023 CN14160045	Injection date: 8/15/2023 6:38:05 PM
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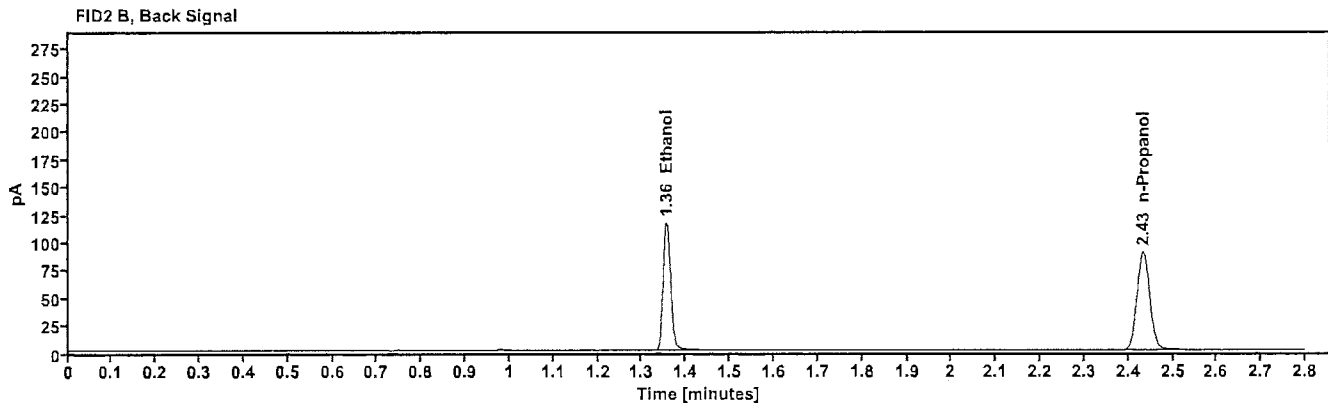
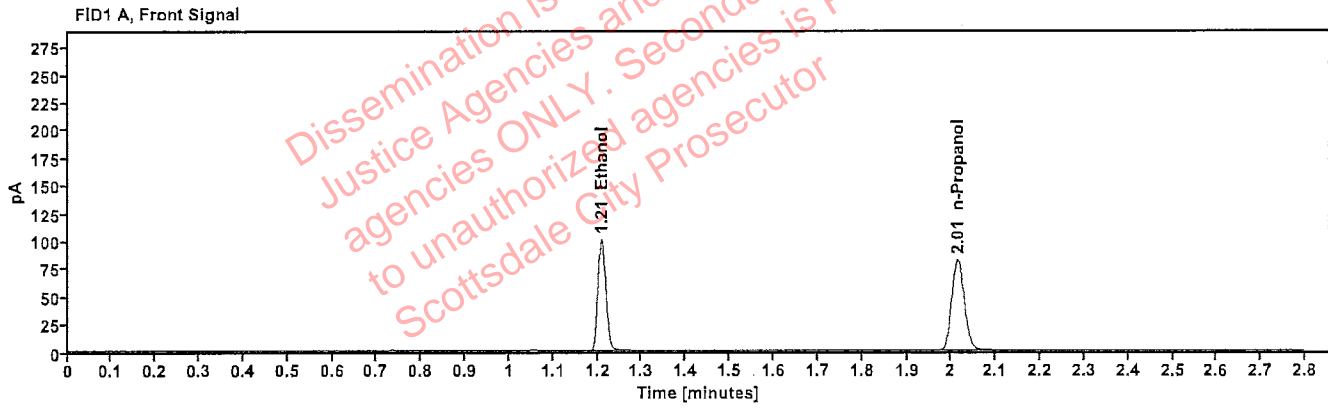


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2044	1.209	127.055
n-Propanol	-----	2.014	162.320

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

Compound	Time (min)	Peak Area
Ethanol	1.355	139.087
n-Propanol	2.433	176.488

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 060223AQ	Vial: 45
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 15Aug23
Instrument: US14173023 CN14160045	Injection date: 8/15/2023 6:42:05 PM
Data file: C:\Chem32\1\Data\15Aug23\45.D	Analyst: Abbott

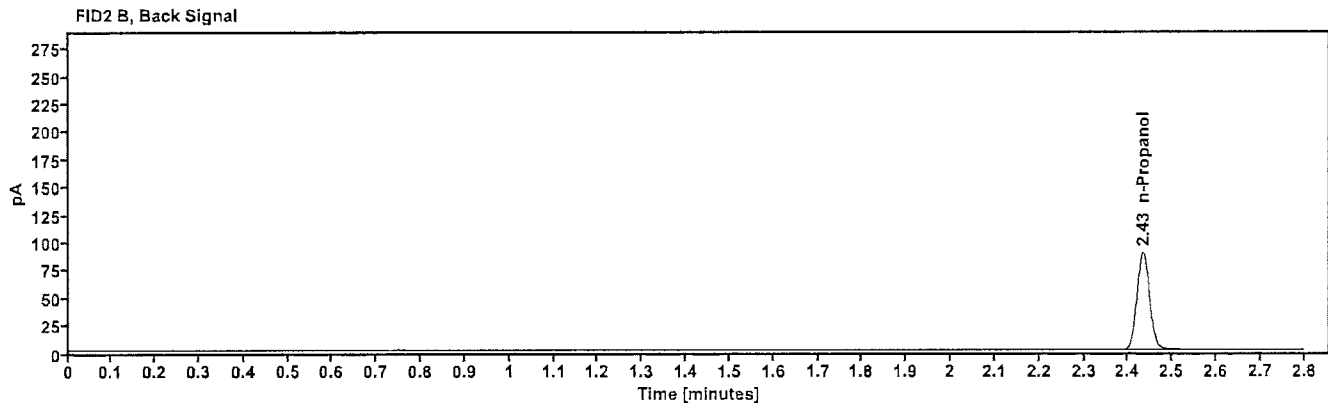
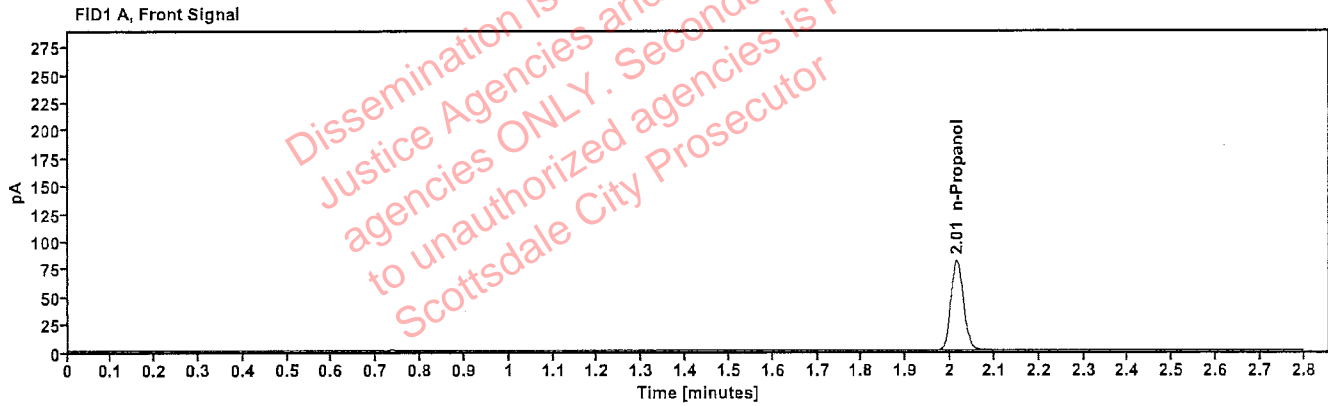


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	161.432

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

Compound	Time (min)	Peak Area
n-Propanol	2.433	175.439

Sequence Summary

Sequence name: 15Aug23 Instrument: US14173023 CN14160045 Analyst: Abbott

Vial	Sample	Description	Type	LIMS ID	Method
1	FN10051909	0.020 calibrator	Calibration		ethanol quant.M
2	FN11172002	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	011823WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	30012020-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/10	0.199	Control		ethanol quant.M
10	2315645-1		Sample		ethanol quant.M
11	2315645-1		Sample		ethanol quant.M
12	2315730-3		Sample		ethanol quant.M
13	2315730-3		Sample		ethanol quant.M
14	2315720-1		Sample		ethanol quant.M
15	2315720-1		Sample		ethanol quant.M
16	2315999-6		Sample		ethanol quant.M
17	2315999-6		Sample		ethanol quant.M
18	2315724-2		Sample		ethanol quant.M
19	2315724-2		Sample		ethanol quant.M
20	20012020-B		Control		ethanol quant.M
21	2315927-2		Sample		ethanol quant.M
22	2315927-2		Sample		ethanol quant.M
23	2316176-2		Sample		ethanol quant.M
24	2316176-2		Sample		ethanol quant.M
25	368-01E.S.		Sample		ethanol quant.M
26	368-01E.S.		Sample		ethanol quant.M
27	415-01J.W.		Sample		ethanol quant.M
28	415-01J.W.		Sample		ethanol quant.M
29	414-01M.O.		Sample		ethanol quant.M
30	414-01M.O.		Sample		ethanol quant.M
31	20012020-B		Control		ethanol quant.M
32	342-01N.D.		Sample		ethanol quant.M
33	342-01N.D.		Sample		ethanol quant.M
34	414-01M.C.		Sample		ethanol quant.M
35	414-01M.C.		Sample		ethanol quant.M
36	2314250-2		Sample		ethanol quant.M
37	2314250-2		Sample		ethanol quant.M
38	2316068-2		Sample		ethanol quant.M
39	2316068-2		Sample		ethanol quant.M
40	2316746-2		Sample		ethanol quant.M
41	2316746-2		Sample		ethanol quant.M
42	30012020-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4110320133/10	0.199	Control		ethanol quant.M
45	060223AQ	Negative	Control		ethanol quant.M

Dissemination restricted to Criminal Justice Agencies and authorized agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 15Aug23

ANALYST: Abbott *AL*

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0000	0.0000	0.00000	0.00	0.00000
12 13	0.0684	0.0682	0.06830	0.15	0.00010
14 15	0.2267	0.2270	0.22685	0.07	0.00015
16 17	0.1212	0.1212	0.12120	0.00	0.00000
18 19	0.1966	0.1966	0.19660	0.00	0.00000
21 22	0.1247	0.1244	0.12455	0.12	0.00015
23 24	0.1185	0.1181	0.11830	0.17	0.00020
25 26	0.1783	0.1753	0.17680	0.85	0.00150
27 28	0.0000	0.0000	0.00000	0.00	0.00000
29 30	0.1971	0.1968	0.19695	0.08	0.00015
32 33	0.1679	0.1672	0.16755	0.21	0.00035
34 35	0.1793	0.1805	0.17990	0.33	0.00060
36 37	0.3804	0.3859	0.38315	0.72	0.00275
38 39	0.2866	0.2858	0.28620	0.14	0.00040
40 41	0.0982	0.0969	0.09755	0.67	0.00065

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315645-1	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 4:20:35 PM
Data file:	C:\Chem32\1\Data\15Aug23\10.D	Analyst:	Abbott

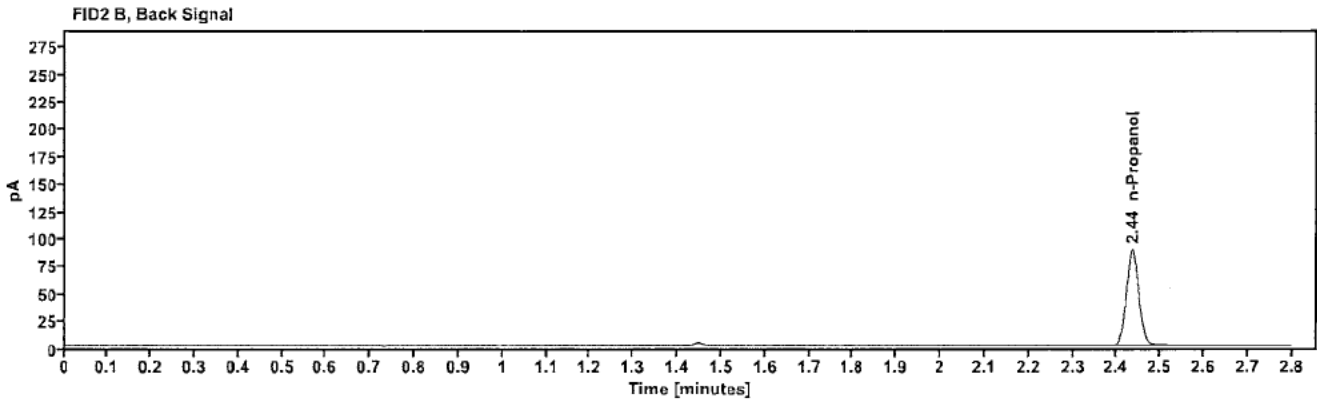
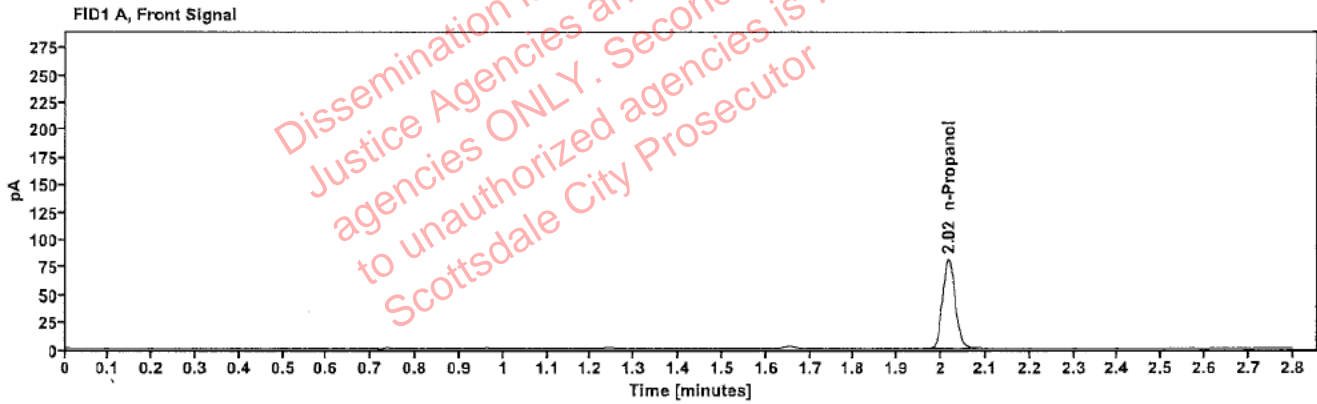


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.016	160.418

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

Compound	Time (min)	Peak Area
n-Propanol	2.436	174.491

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315645-1	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 4:24:34 PM
Data file:	C:\Chem32\1\Data\15Aug23\11.D	Analyst:	Abbott

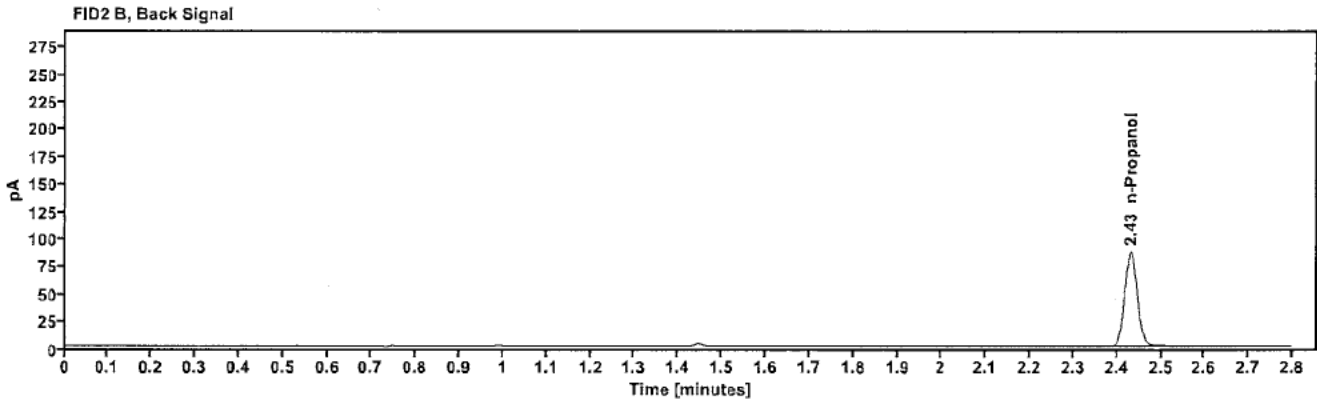
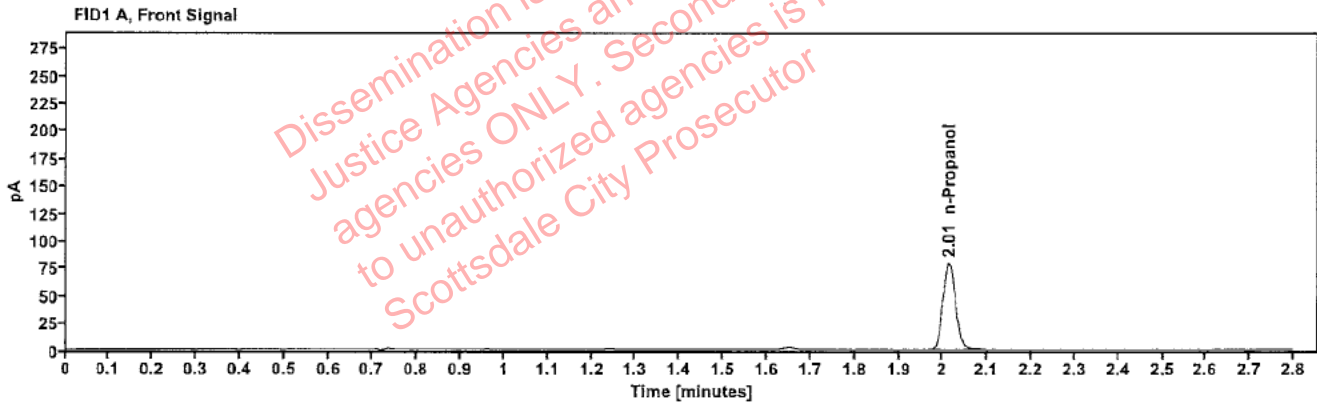


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.014	157.722

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

Compound	Time (min)	Peak Area
n-Propanol	2.432	171.557

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315730-3	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 4:28:35 PM
Data file:	C:\Chem32\1\Data\15Aug23\12.D	Analyst:	Abbott

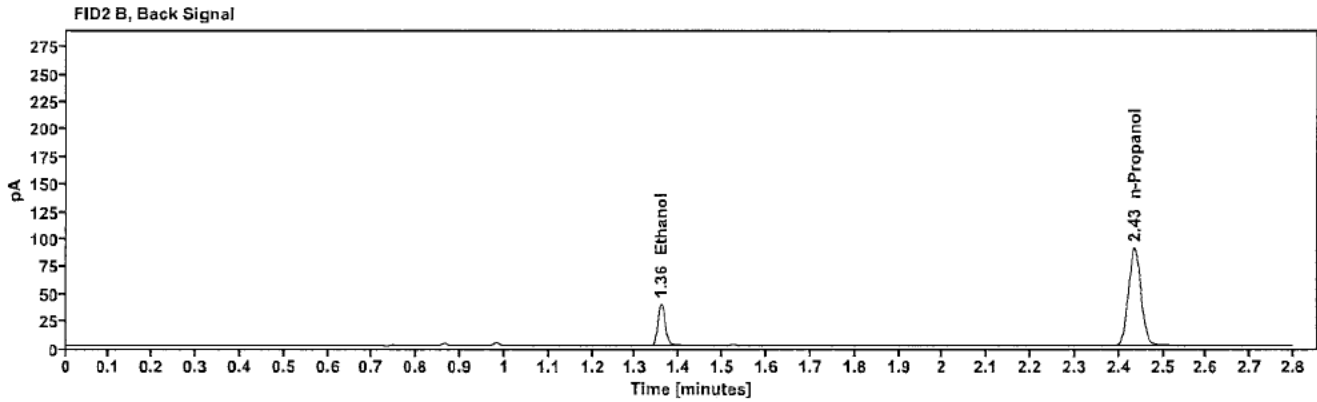
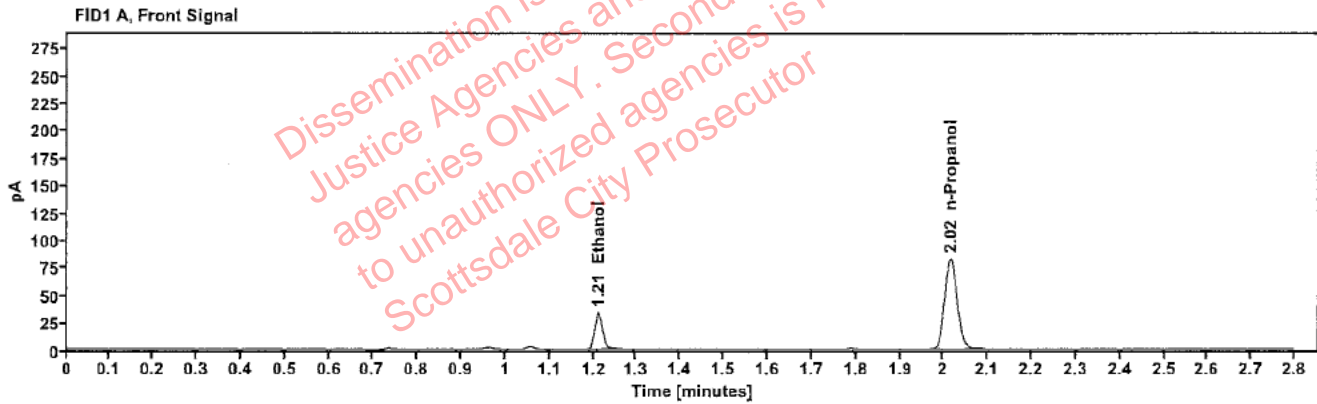


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0684	1.211	42.484
n-Propanol	-----	2.015	163.743

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

Compound	Time (min)	Peak Area
Ethanol	1.358	46.293
n-Propanol	2.435	178.134

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315730-3	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 4:32:49 PM
Data file:	C:\Chem32\1\Data\15Aug23\13.D	Analyst:	Abbott

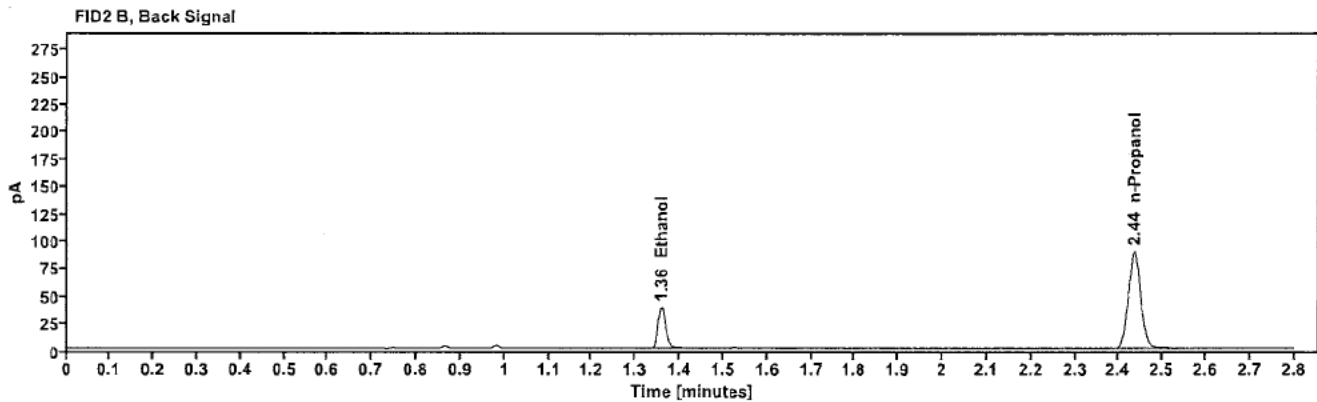
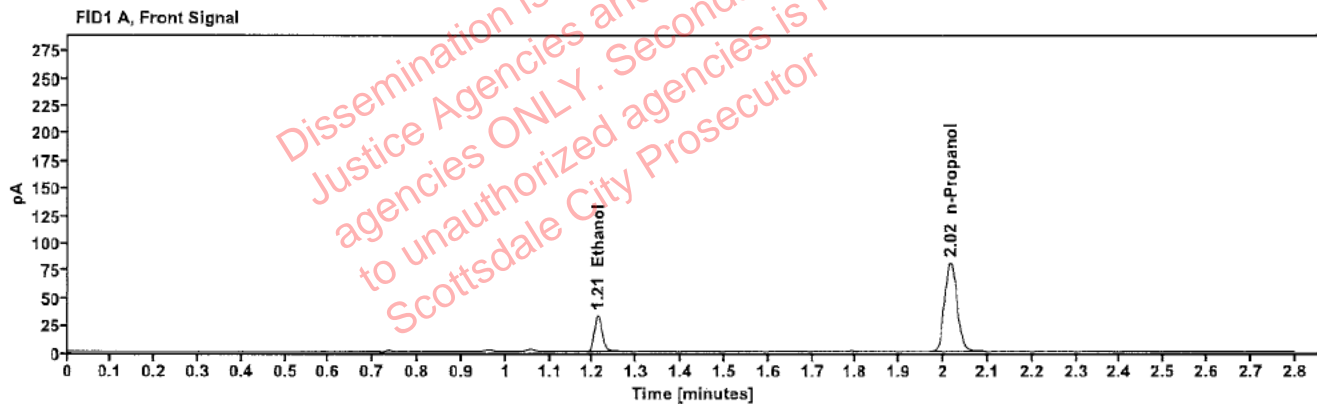


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0682	1.211	41.835
n-Propanol	-----	2.016	161.694

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

Compound	Time (min)	Peak Area
Ethanol	1.358	45.615
n-Propanol	2.435	175.836

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315720-1	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 4:36:50 PM
Data file:	C:\Chem32\1\Data\15Aug23\14.D	Analyst:	Abbott

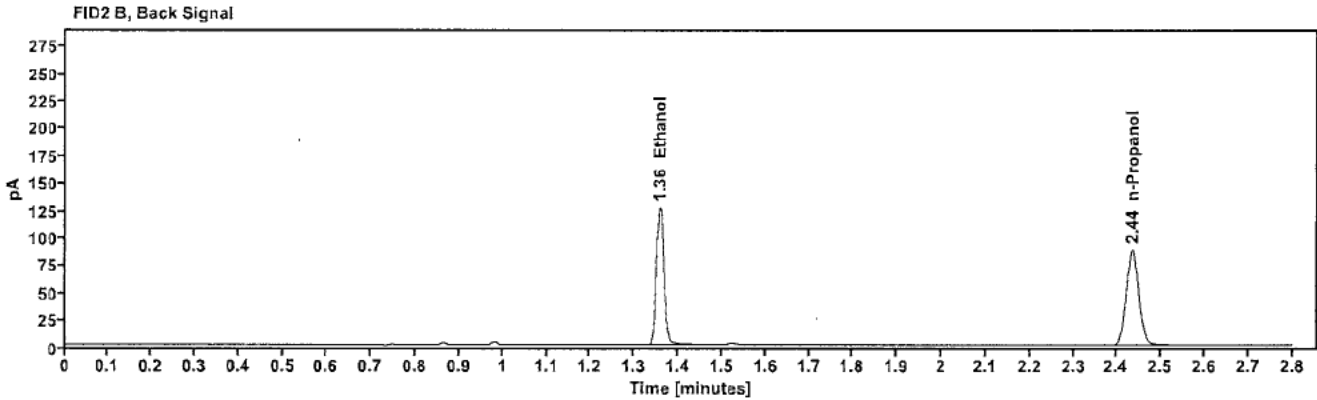
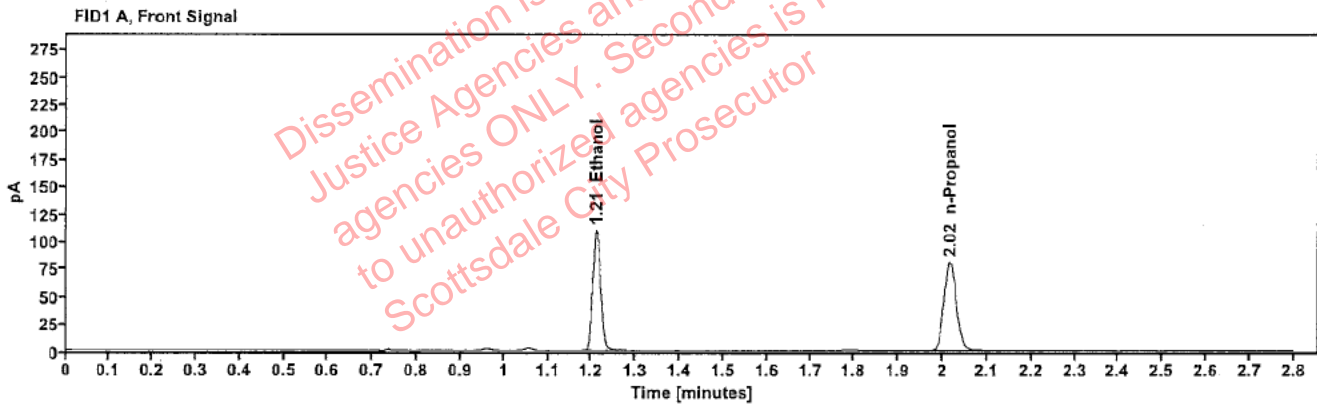


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2267	1.210	138.882
n-Propanol	-----	2.016	159.843

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

Compound	Time (min)	Peak Area
Ethanol	1.357	152.152
n-Propanol	2.435	173.483

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315720-1	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 4:40:49 PM
Data file:	C:\Chem32\1\Data\15Aug23\15.D	Analyst:	Abbott

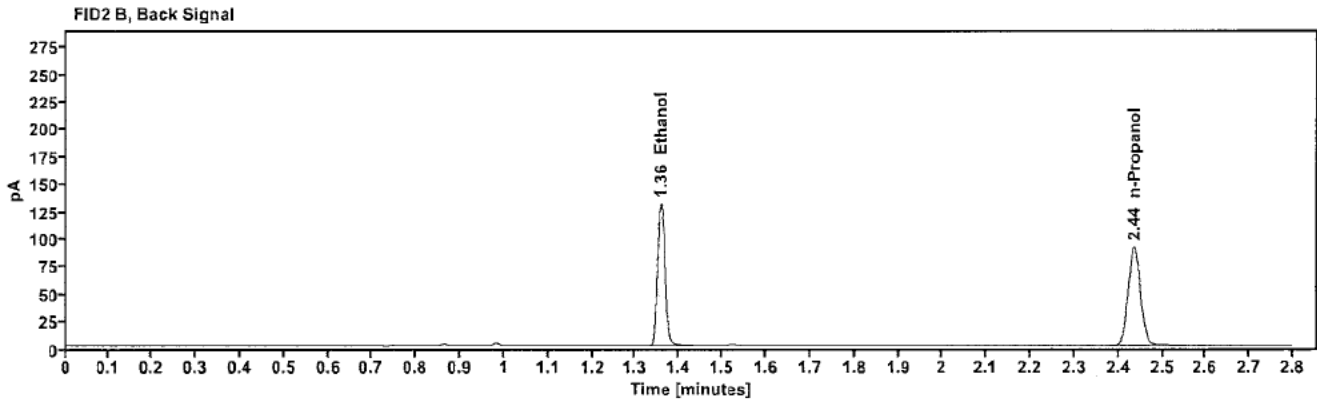
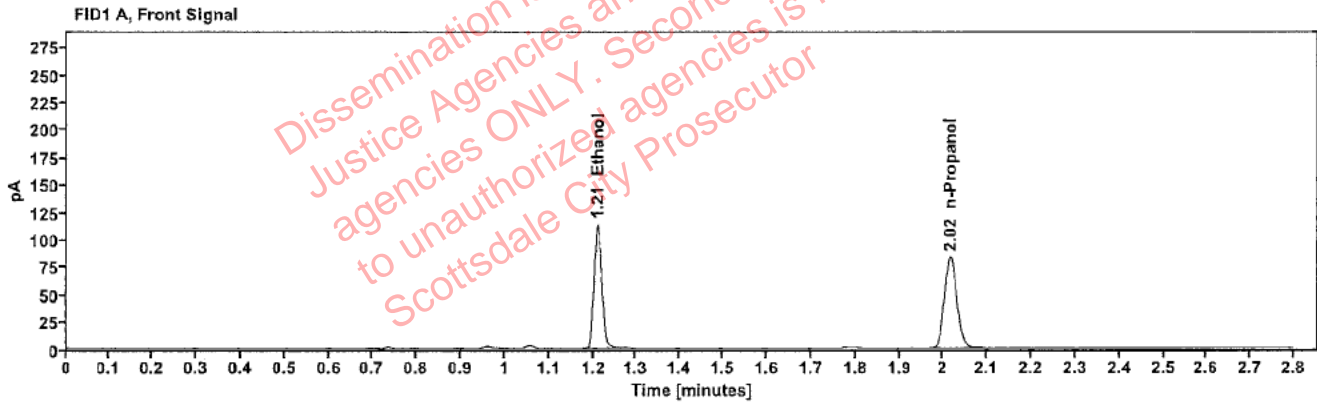


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2270	1.210	143.711
n-Propanol	---	2.016	165.173

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

Compound	Time (min)	Peak Area
Ethanol	1.358	157.576
n-Propanol	2.435	179.358

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315999-6	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 4:44:50 PM
Data file:	C:\Chem32\1\Data\15Aug23\16.D	Analyst:	Abbott

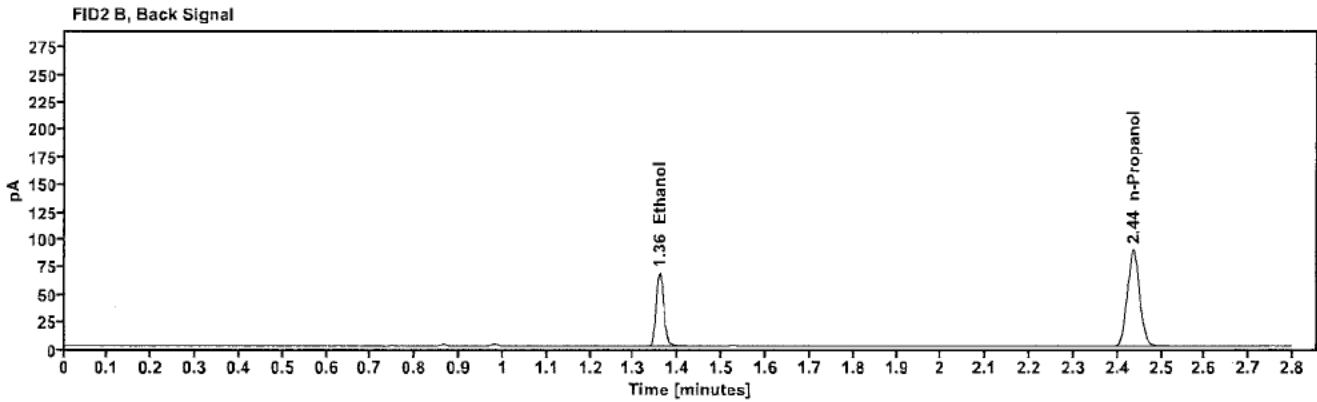
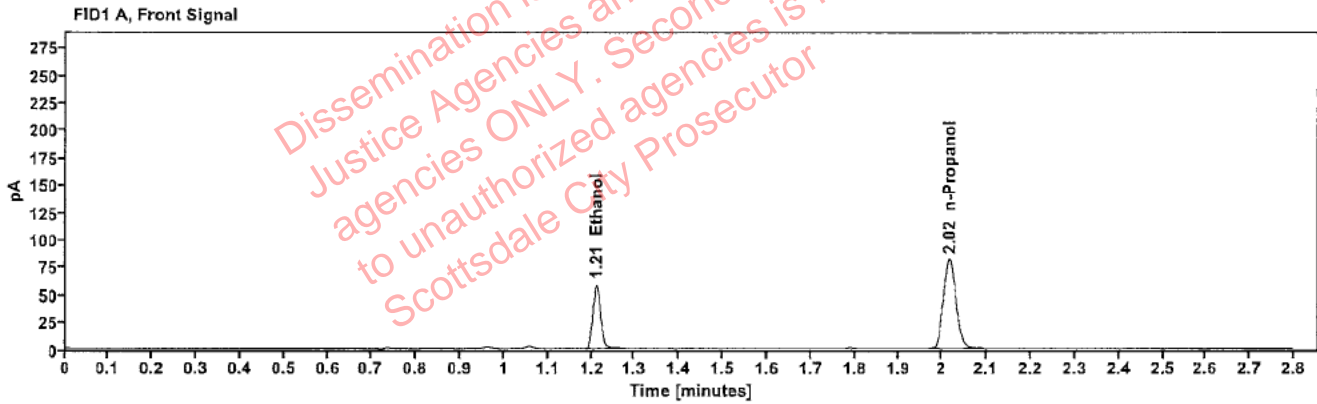


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1212	1.211	74.689
n-Propanol	-----	2.016	161.449

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

Compound	Time (min)	Peak Area
Ethanol	1.358	81.609
n-Propanol	2.435	175.693

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315999-6	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 4:48:49 PM
Data file:	C:\Chem32\1\Data\15Aug23\17.D	Analyst:	Abbott

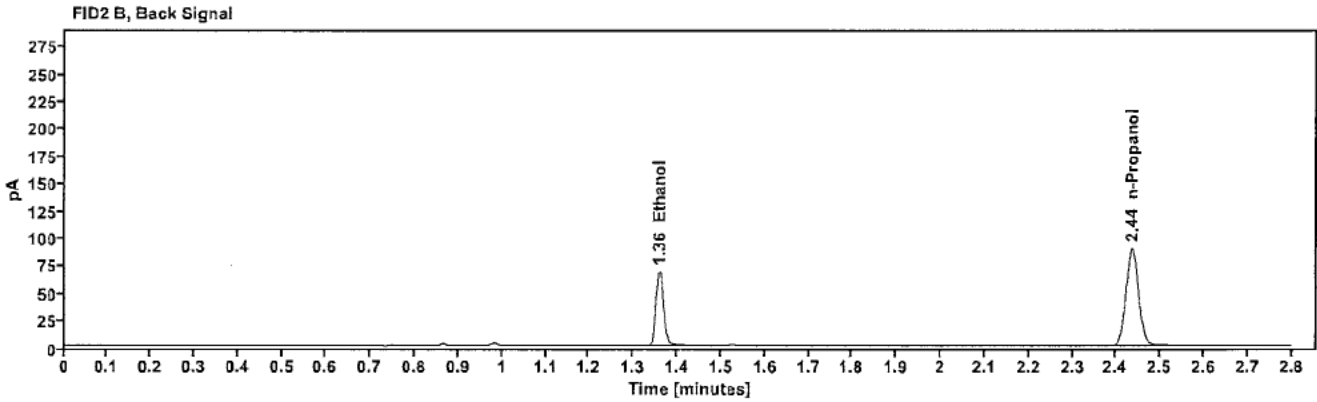
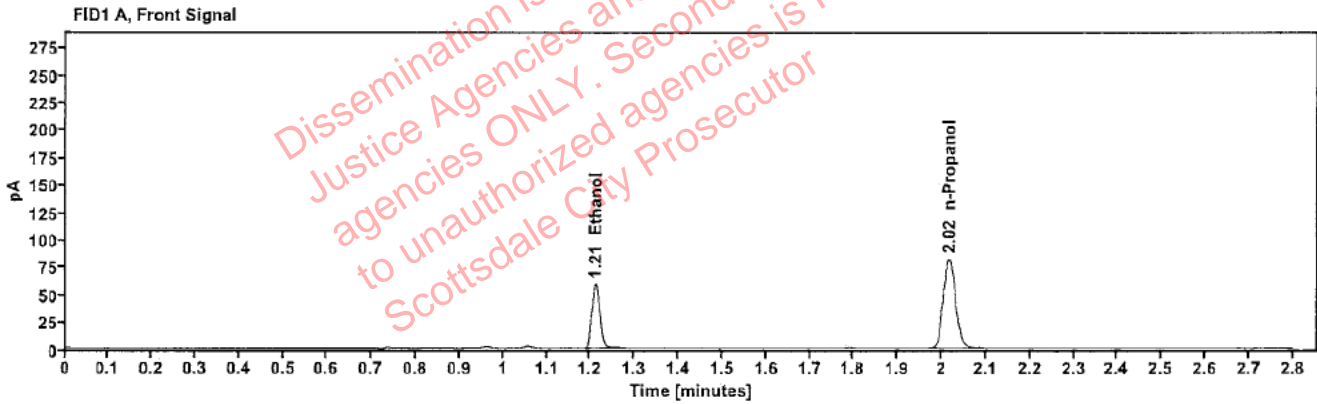


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1212	1.211	75.452
n-Propanol	-----	2.016	163.027

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

Compound	Time (min)	Peak Area
Ethanol	1.359	82.375
n-Propanol	2.436	177.264

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315724-2	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 4:52:50 PM
Data file:	C:\Chem32\1\Data\15Aug23\18.D	Analyst:	Abbott

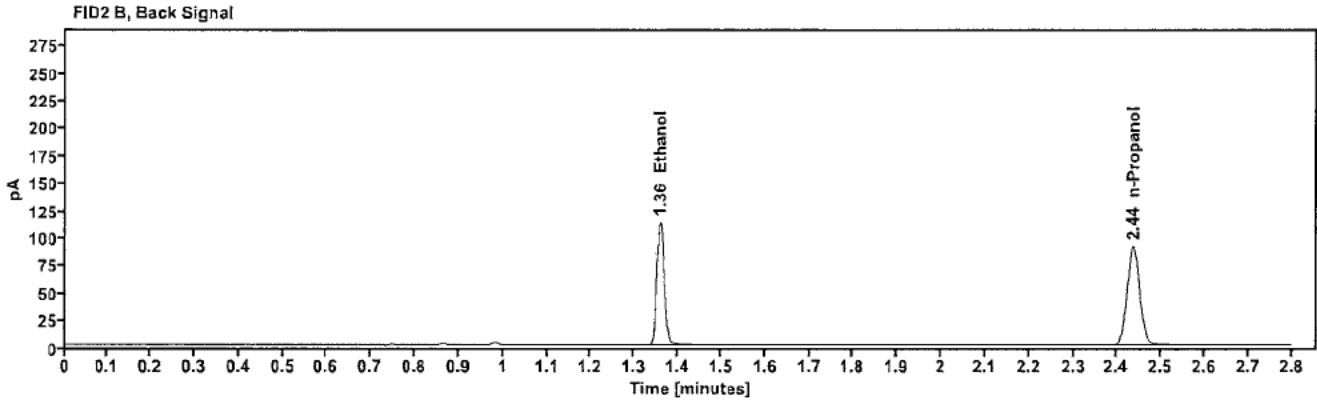
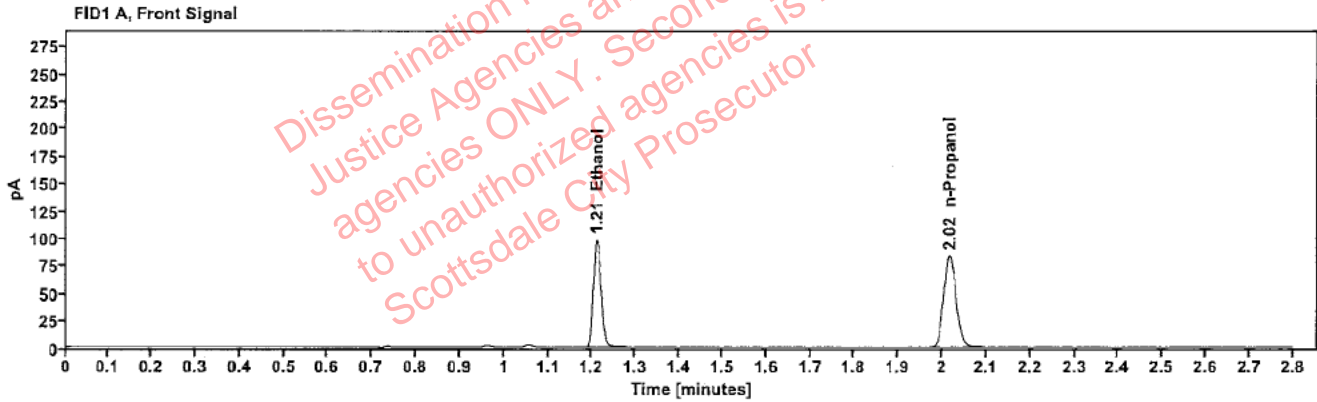


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1966	1.211	124.672
n-Propanol	-----	2.017	165.596

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

Compound	Time (min)	Peak Area
Ethanol	1.359	136.401
n-Propanol	2.436	179.880

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315724-2	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 4:57:05 PM
Data file:	C:\Chem32\1\Data\15Aug23\19.D	Analyst:	Abbott

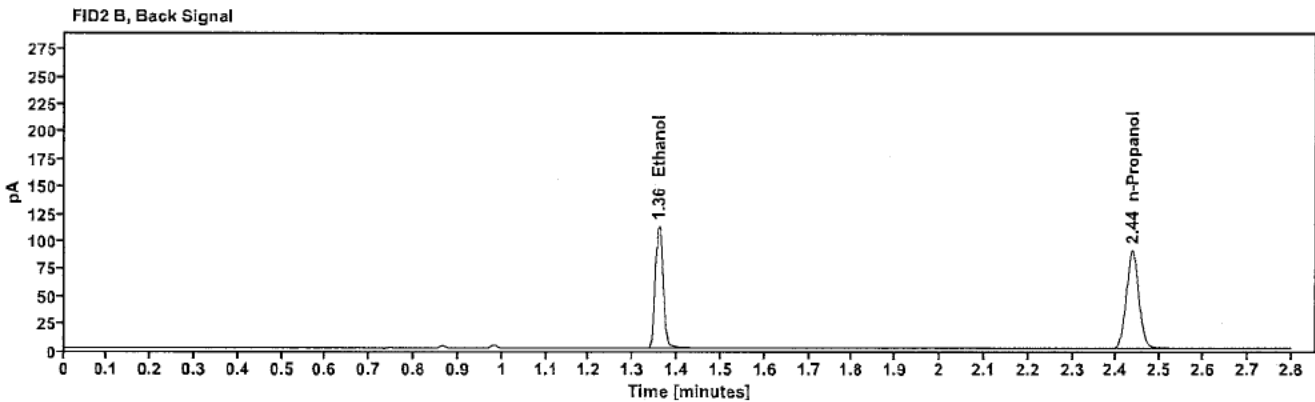
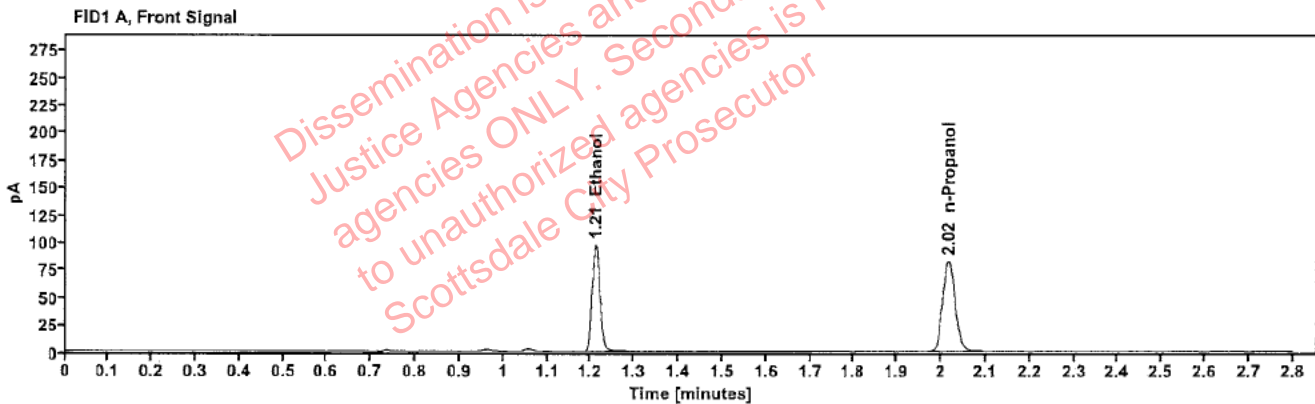


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1966	1.211	123.691
n-Propanol	-----	2.016	164.268

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

Compound	Time (min)	Peak Area
Ethanol	1.358	135.278
n-Propanol	2.436	178.471

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315927-2	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 5:05:04 PM
Data file:	C:\Chem32\1\Data\15Aug23\21.D	Analyst:	Abbott

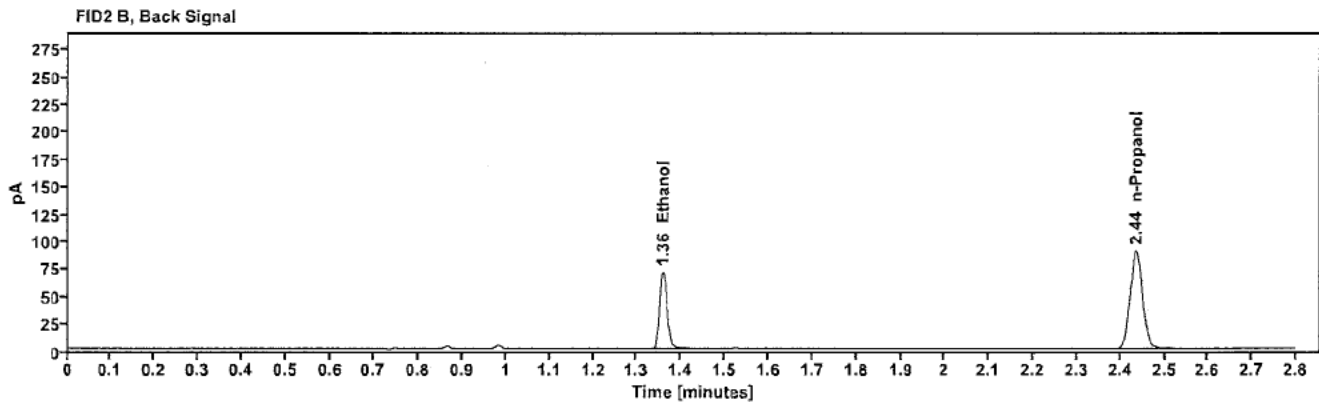
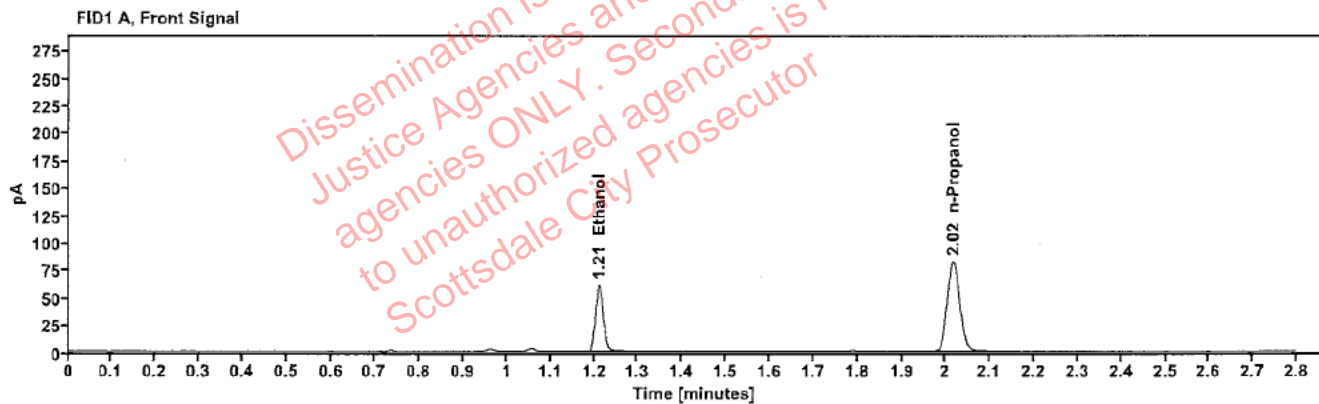


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1247	1.211	77.911
n-Propanol	-----	2.016	163.565

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

Compound	Time (min)	Peak Area
Ethanol	1.359	85.095
n-Propanol	2.436	177.887

: Abbott, Lori - (16-Aug-2023)

Case: [REDACTED] User: LAbbott 8/16/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2315927-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 5:09:05 PM
Data file:	C:\Chem32\1\Data\15Aug23\22.D	Analyst:	Abbott

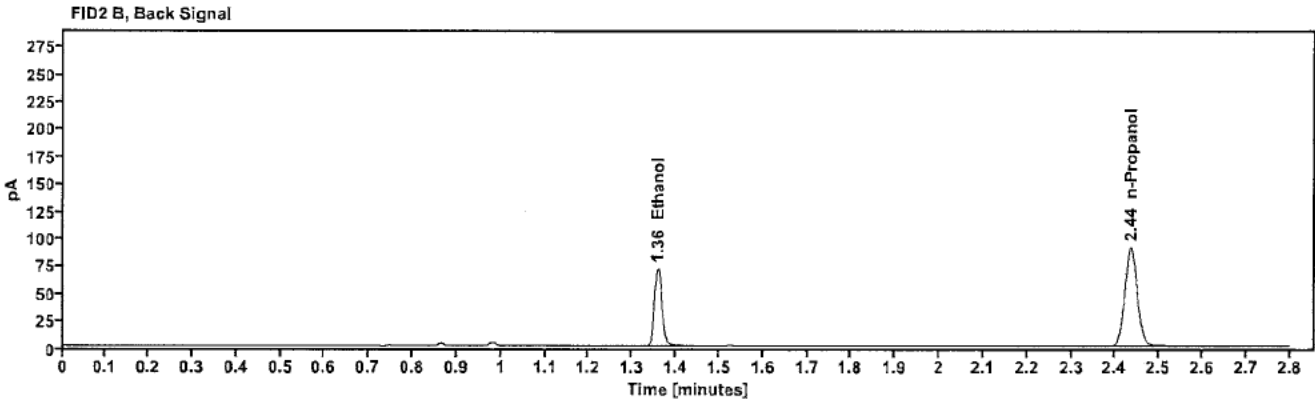
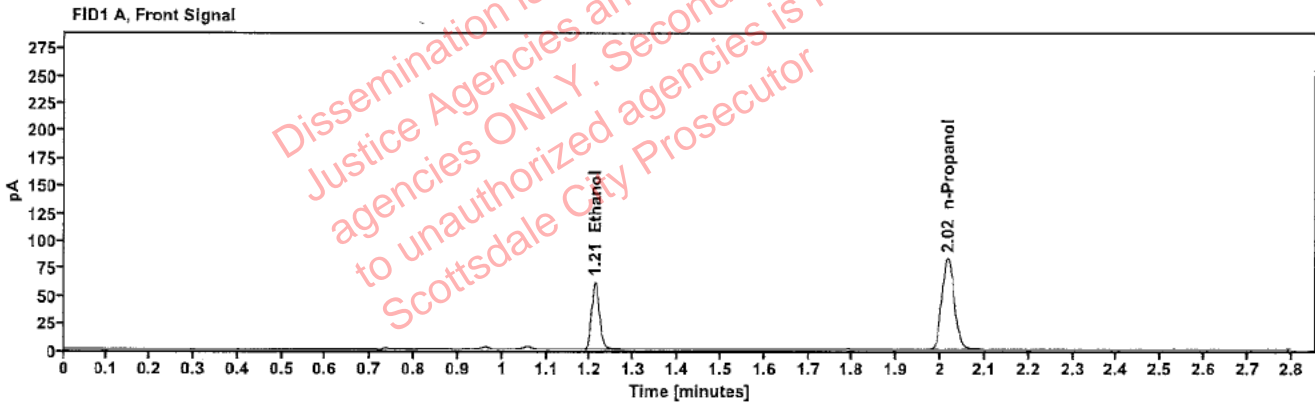


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1244	1.211	78.498
n-Propanol	-----	2.016	165.184

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

Compound	Time (min)	Peak Area
Ethanol	1.358	85.664
n-Propanol	2.435	179.676

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316176-2	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 5:13:04 PM
Data file:	C:\Chem32\1\Data\15Aug23\23.D	Analyst:	Abbott

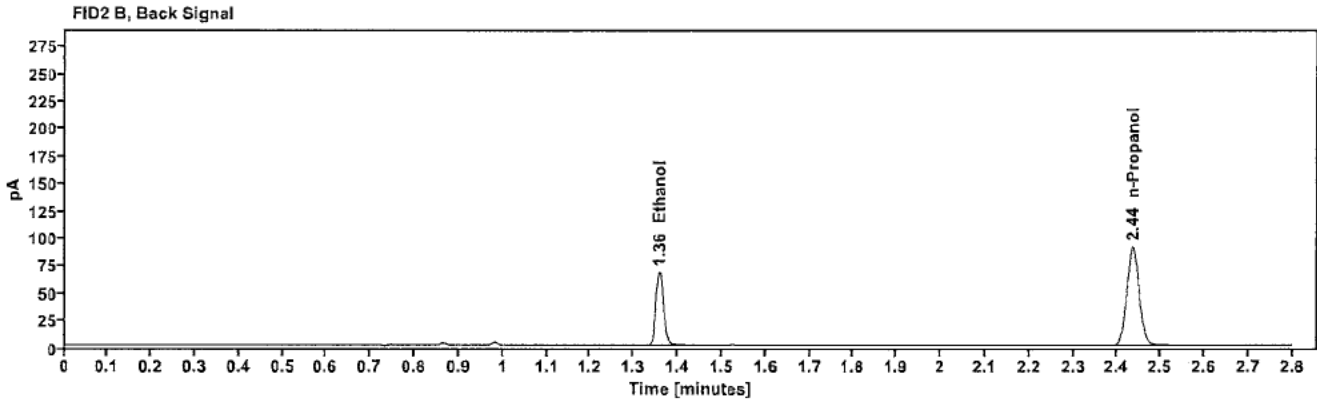
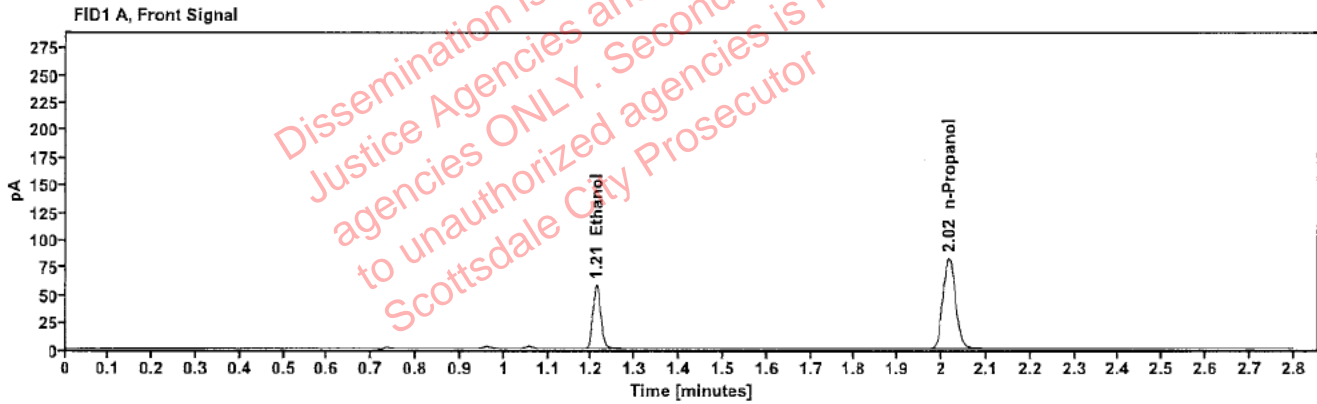


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1185	1.211	74.438
n-Propanol	---	2.016	164.610

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

Compound	Time (min)	Peak Area
Ethanol	1.358	81.084
n-Propanol	2.435	178.796

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316176-2	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 5:17:05 PM
Data file:	C:\Chem32\1\Data\15Aug23\24.D	Analyst:	Abbott

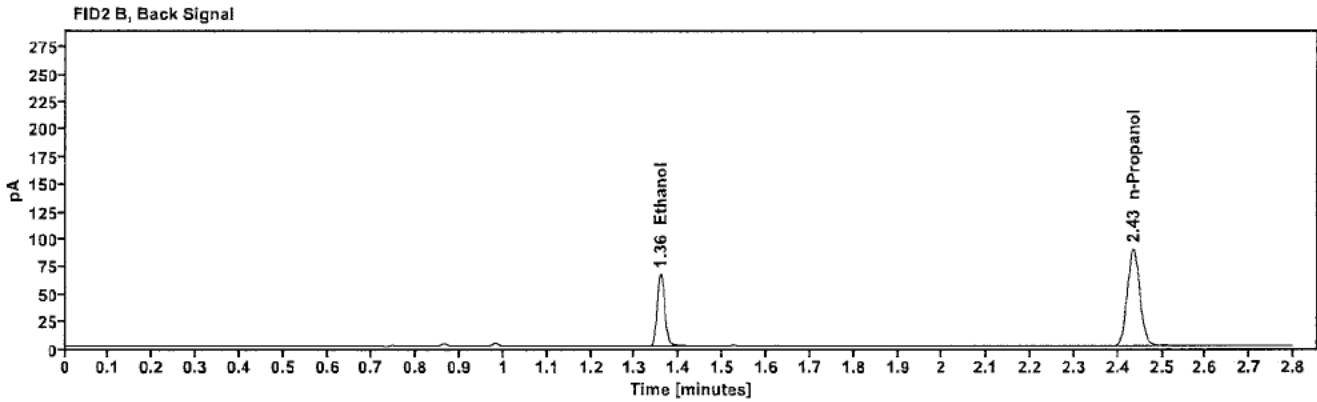
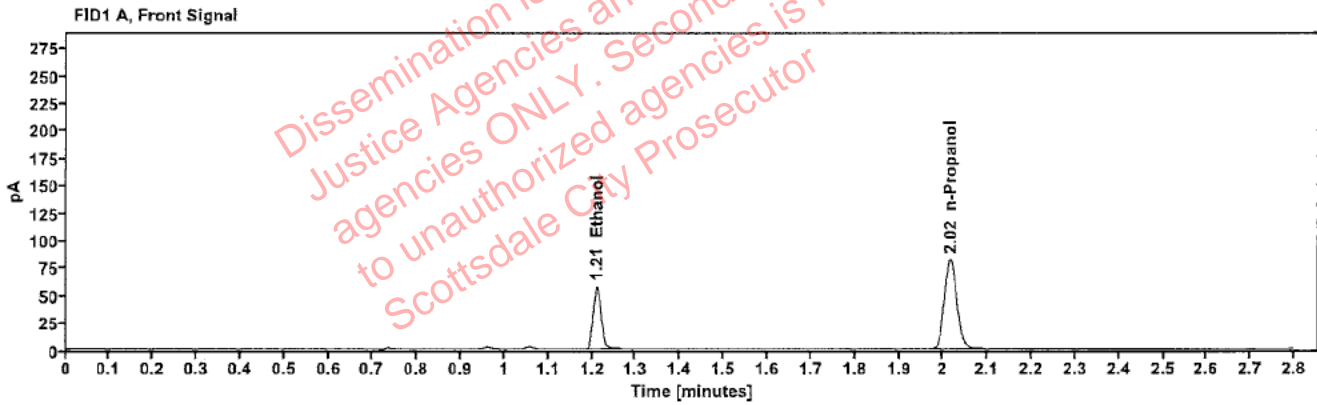


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1181	1.210	73.248
n-Propanol	---	2.016	162.425

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

Compound	Time (min)	Peak Area
Ethanol	1.358	79.975
n-Propanol	2.435	176.460

: Abbott, Lori - (16-Aug-2023)

Case: [REDACTED] User: LAbbott 8/16/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	368-01E.S.	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 5:21:20 PM
Data file:	C:\Chem32\1\Data\15Aug23\25.D	Analyst:	Abbott

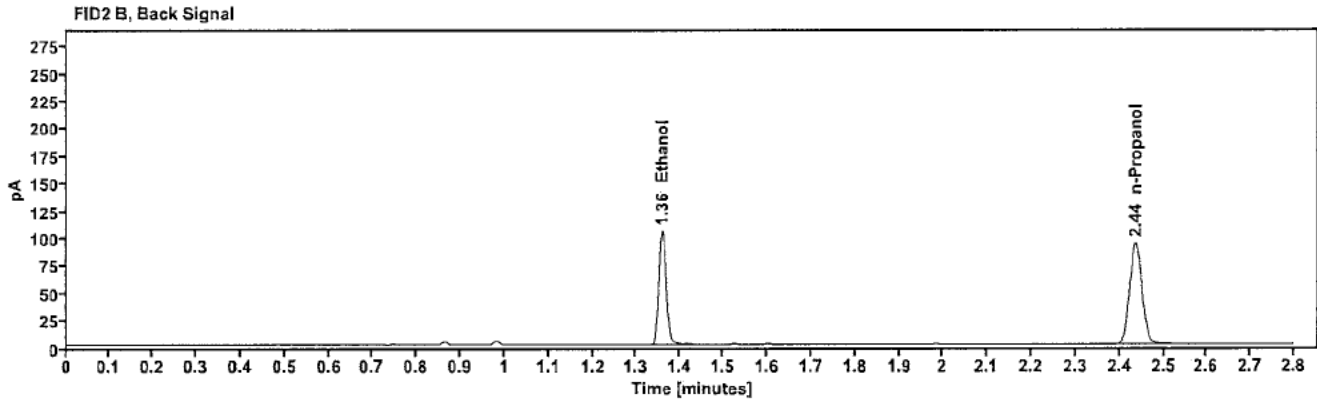
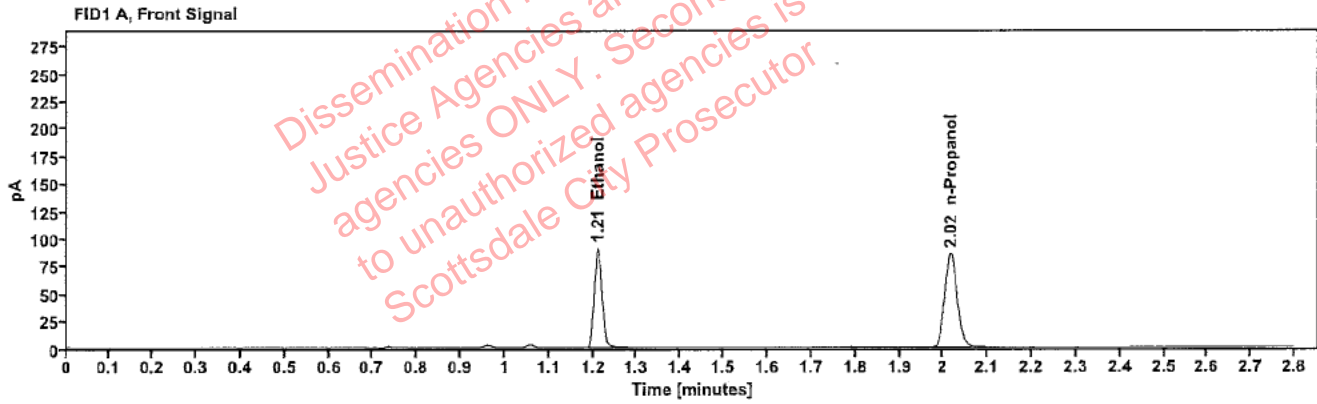


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1783	1.211	115.409
n-Propanol	-----	2.016	169.100

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

Compound	Time (min)	Peak Area
Ethanol	1.358	126.127
n-Propanol	2.436	183.973

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	368-01E.S.	Vial:	26
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 5:25:19 PM
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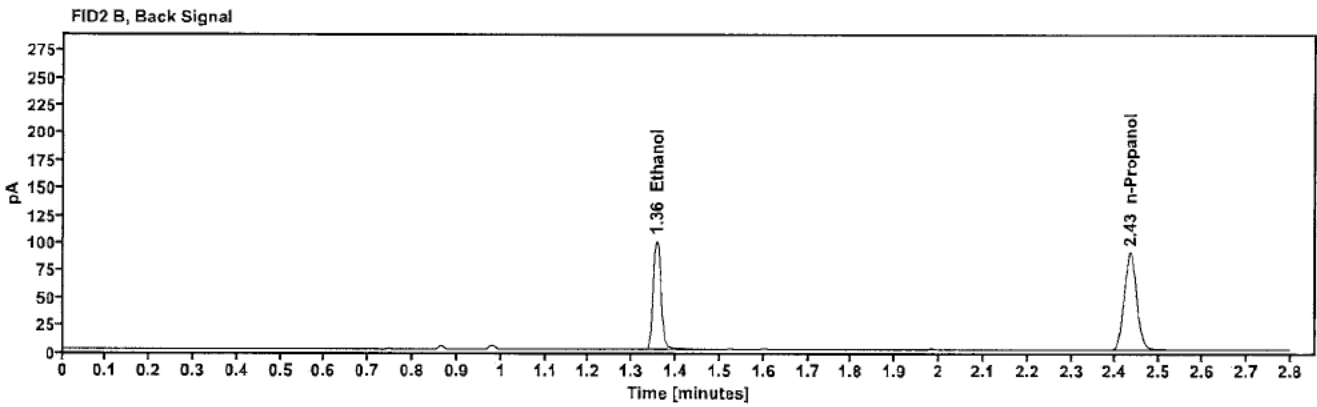
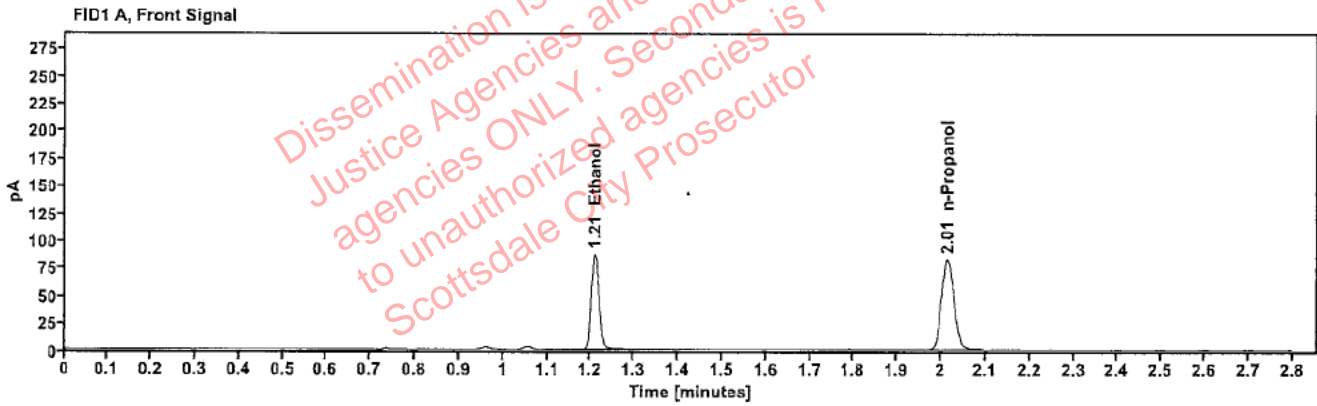


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1753	1.209	110.273
n-Propanol	-----	2.015	164.337

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

Compound	Time (min)	Peak Area
Ethanol	1.356	120.639
n-Propanol	2.433	178.692

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	415-01J.W.	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 5:29:20 PM
Data file:	C:\Chem32\1\Data\15Aug23\27.D	Analyst:	Abbott

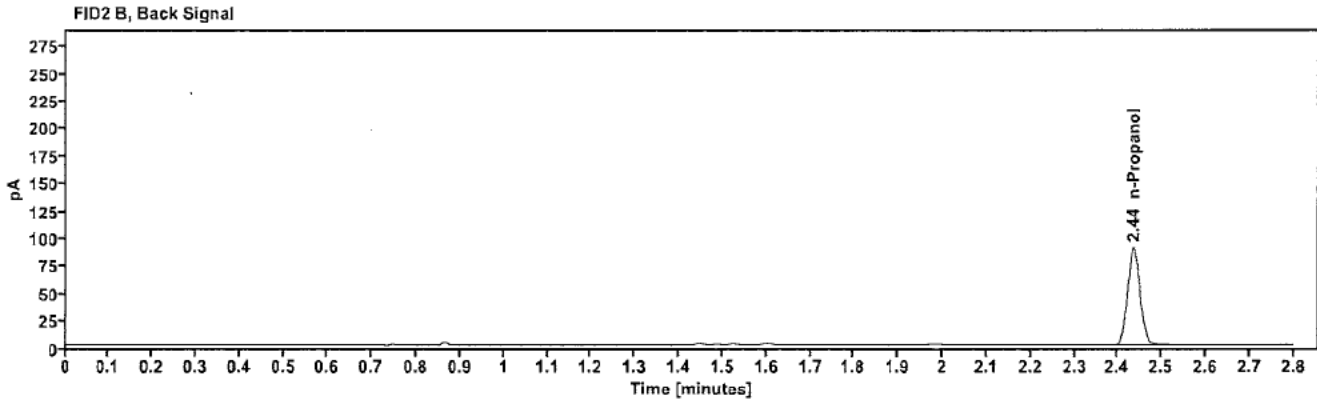
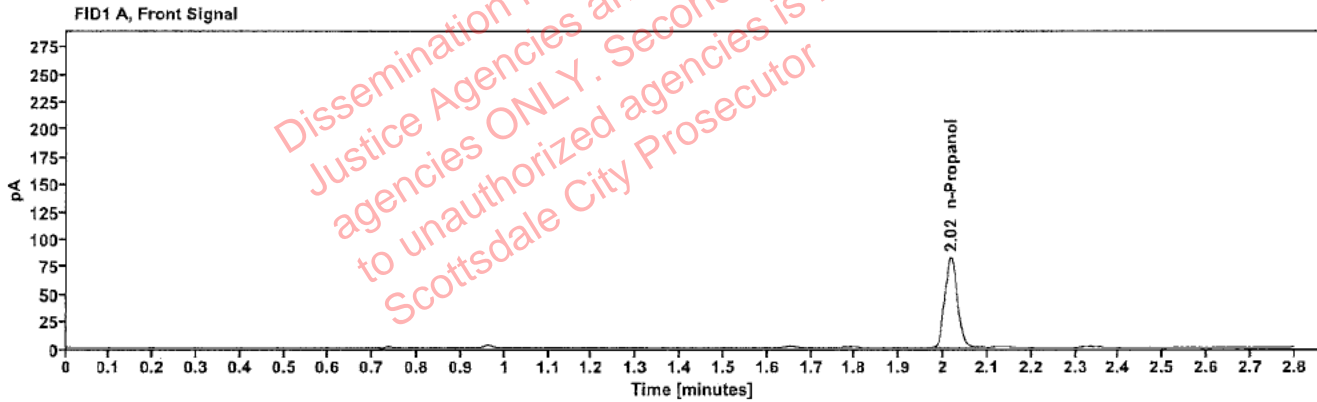


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	163.911

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

Compound	Time (min)	Peak Area
n-Propanol	2.436	177.807

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	415-01J.W.	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 5:33:21 PM
Data file:	C:\Chem32\1\Data\15Aug23\28.D	Analyst:	Abbott

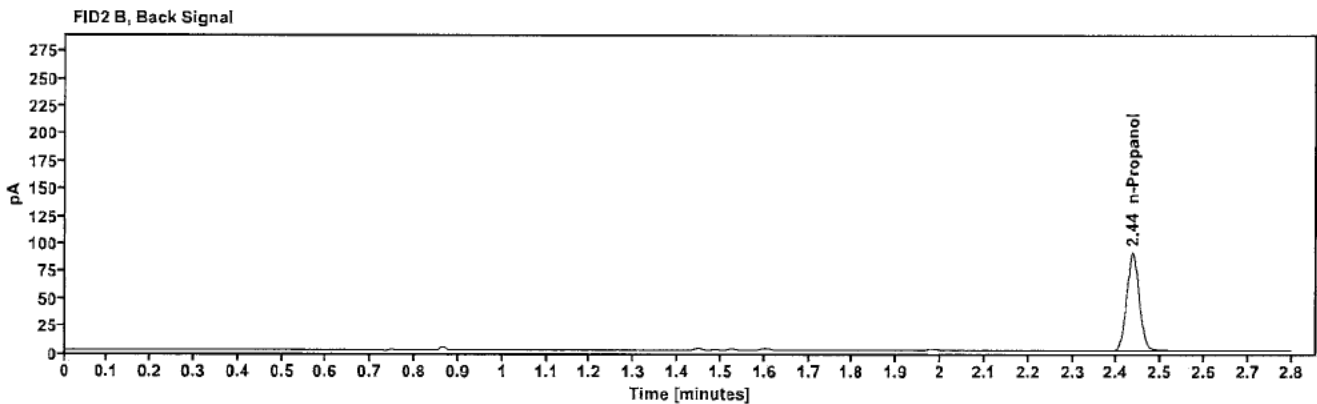
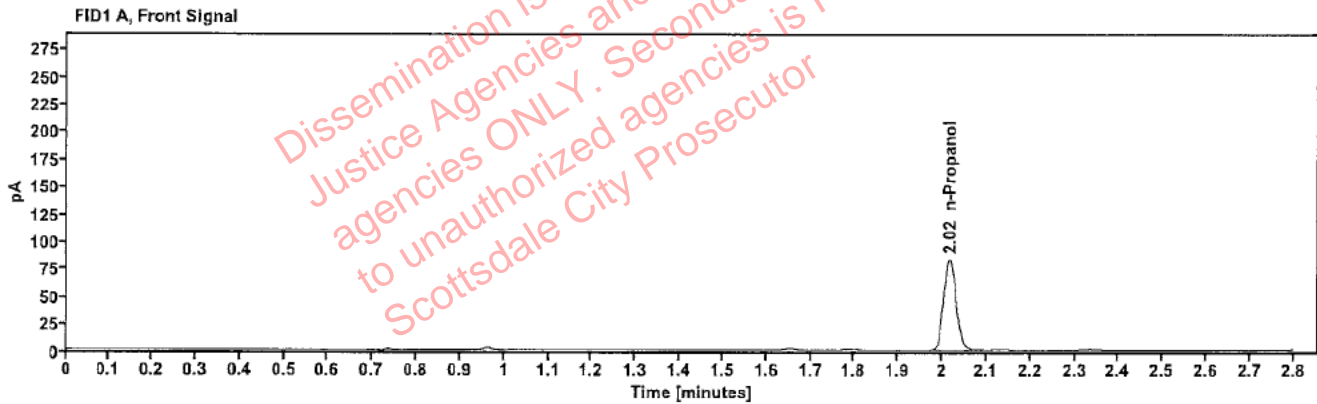


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	166.116

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

Compound	Time (min)	Peak Area
n-Propanol	2.436	180.249

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	414-01M.O.	Vial:	29
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 5:37:21 PM
Data file:	C:\Chem32\1\Data\15Aug23\29.D	Analyst:	Abbott

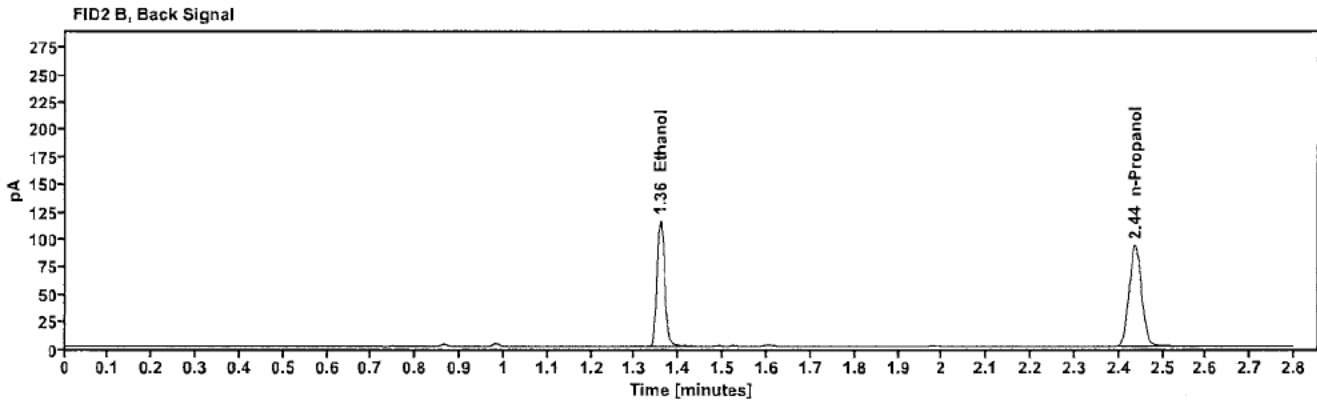
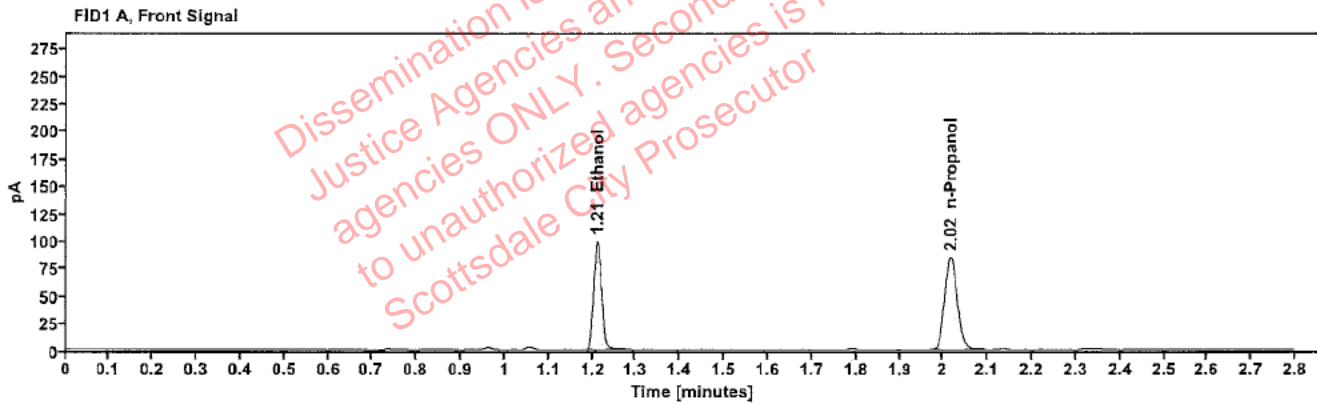


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1971	1.211	127.047
n-Propanol	-----	2.016	168.320

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

Compound	Time (min)	Peak Area
Ethanol	1.358	139.102
n-Propanol	2.436	183.388

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	414-01M.O	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 5:41:21 PM
Data file:	C:\Chem32\1\Data\15Aug23\30.D	Analyst:	Abbott

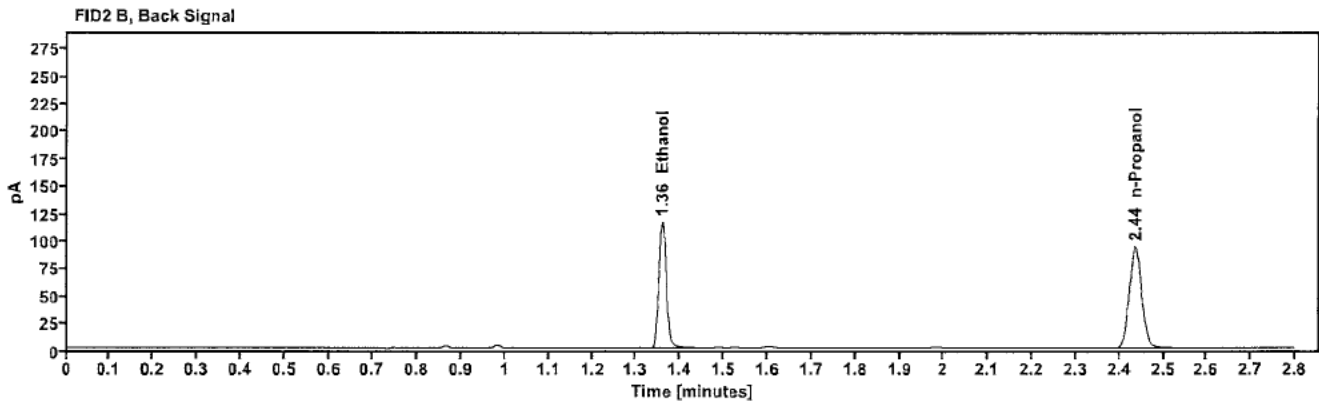
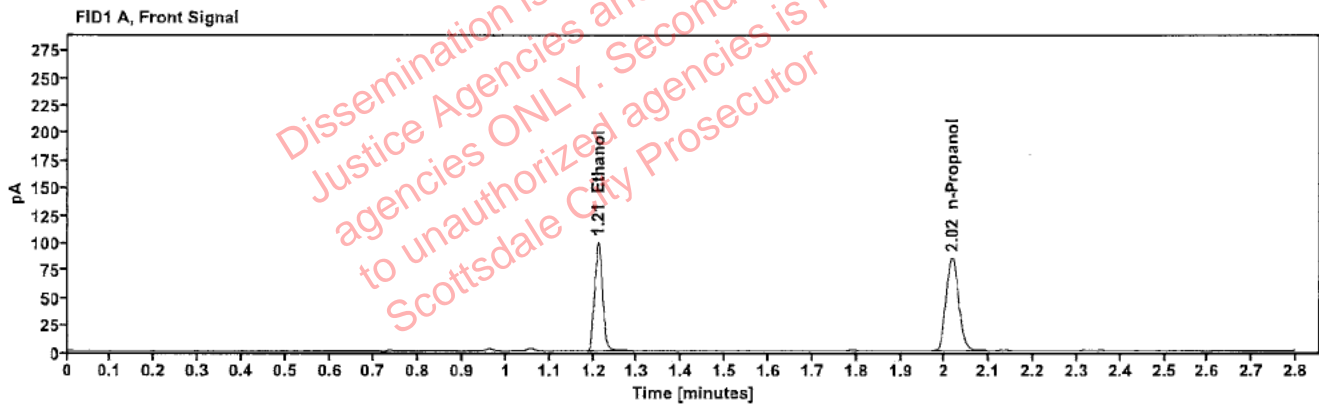


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1968	1.211	127.448
n-Propanol	-----	2.016	169.126

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

Compound	Time (min)	Peak Area
Ethanol	1.358	139.537
n-Propanol	2.436	184.387

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	342-01N.D.	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 5:49:35 PM
Data file:	C:\Chem32\1\Data\15Aug23\32.D	Analyst:	Abbott

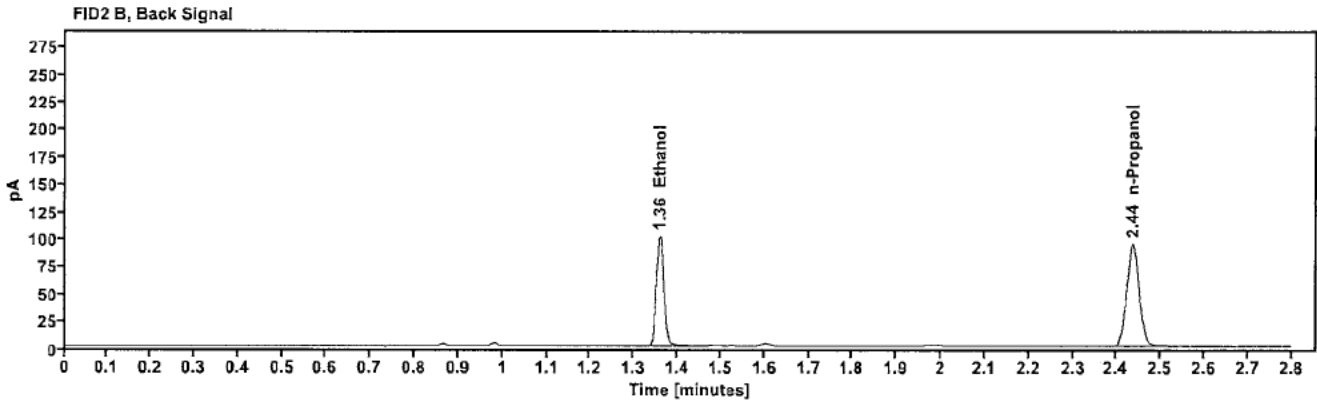
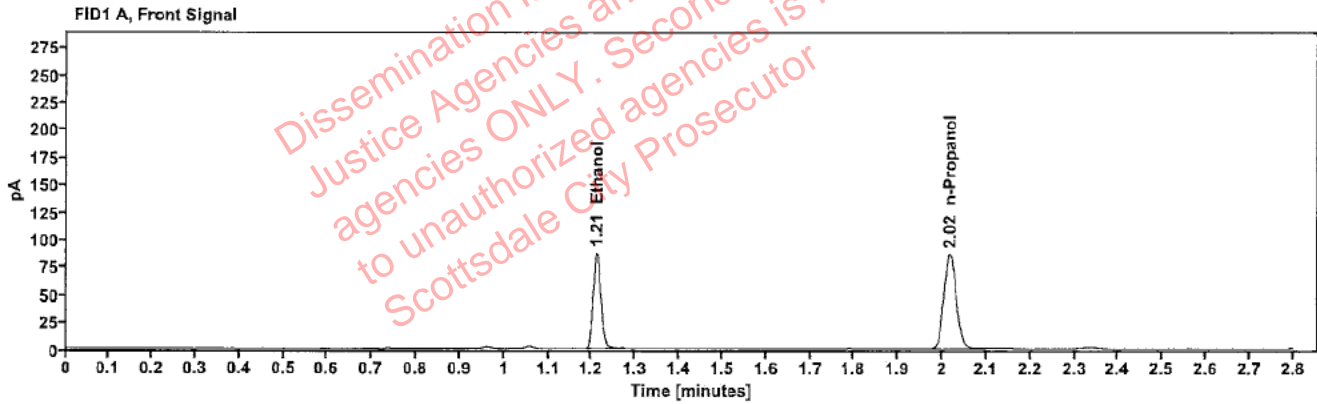


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1679	1.211	111.553
n-Propanol	-----	2.016	173.625

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

Compound	Time (min)	Peak Area
Ethanol	1.359	122.458
n-Propanol	2.436	187.520

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	342-01N.D.	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 5:53:35 PM
Data file:	C:\Chem32\1\Data\15Aug23\33.D	Analyst:	Abbott

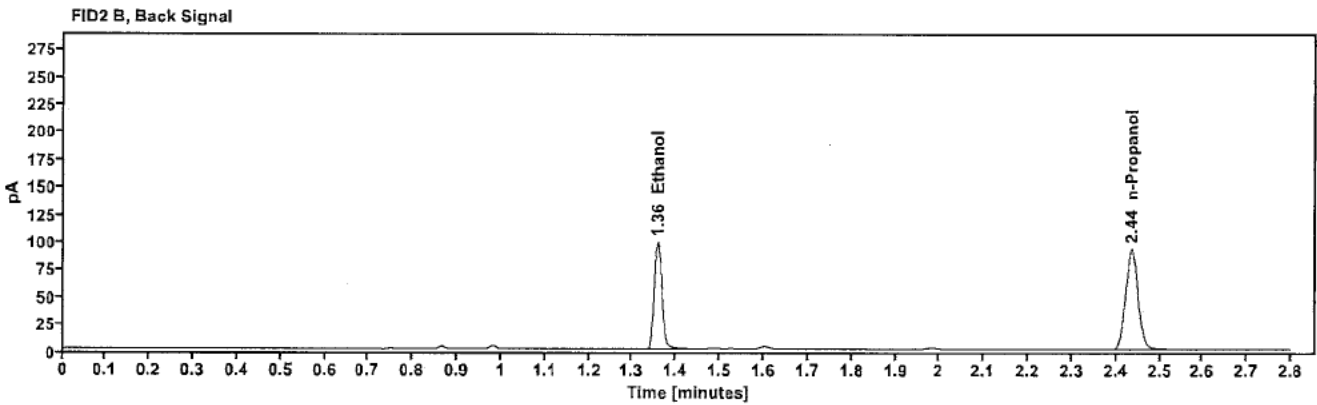
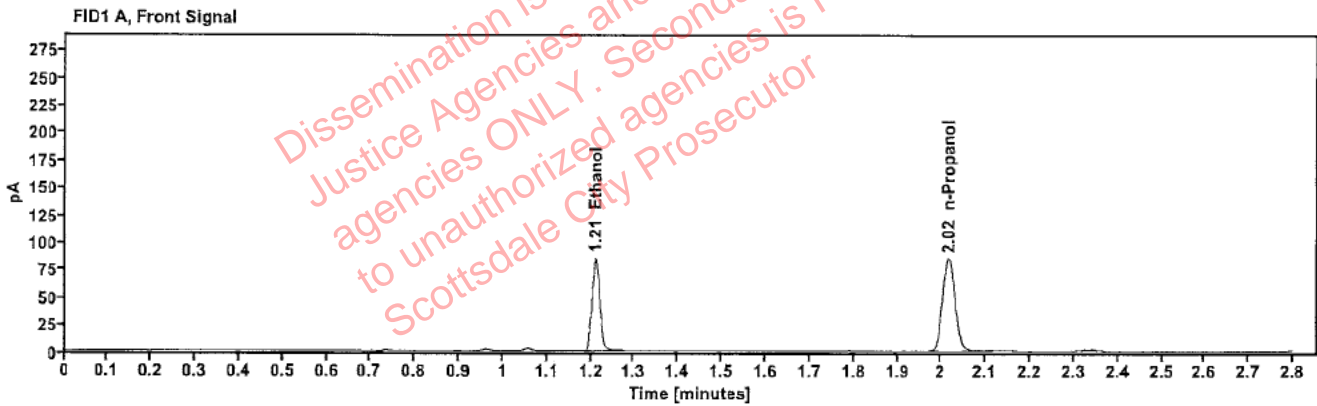


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1672	1.211	108.551
n-Propanol	-----	2.016	169.663

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

Compound	Time (min)	Peak Area
Ethanol	1.358	118.933
n-Propanol	2.436	183.567

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	414-01M.C.	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 5:57:36 PM
Data file:	C:\Chem32\1\Data\15Aug23\34.D	Analyst:	Abbott

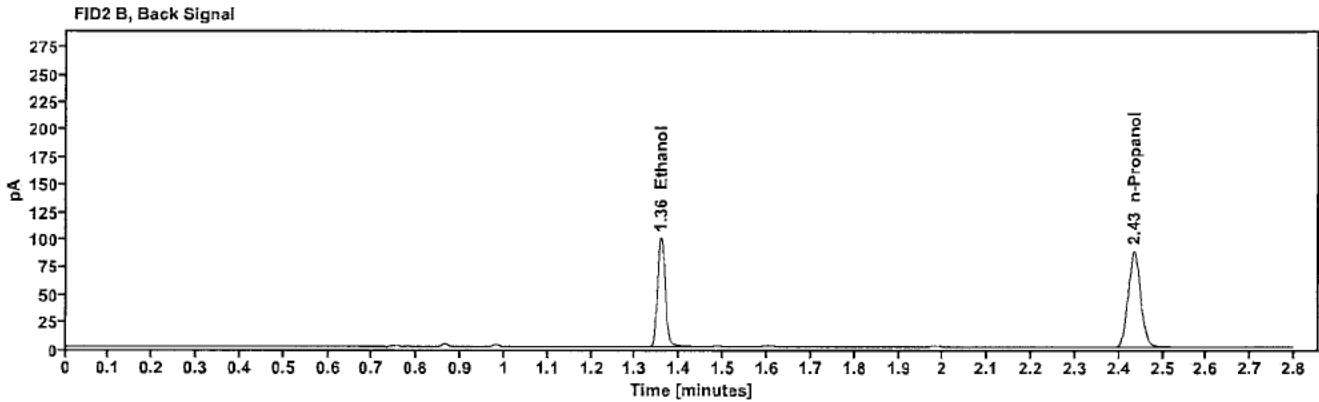
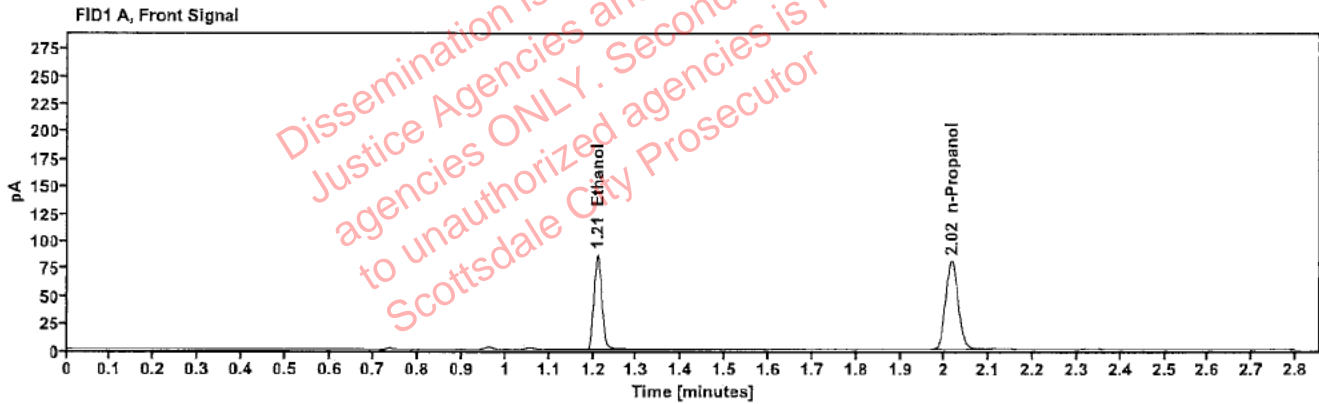


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1793	1.210	110.049
n-Propanol	-----	2.015	160.316

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

Compound	Time (min)	Peak Area
Ethanol	1.357	120.686
n-Propanol	2.435	174.484

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	414-01M.C.	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 6:01:36 PM
Data file:	C:\Chem32\1\Data\15Aug23\35.D	Analyst:	Abbott

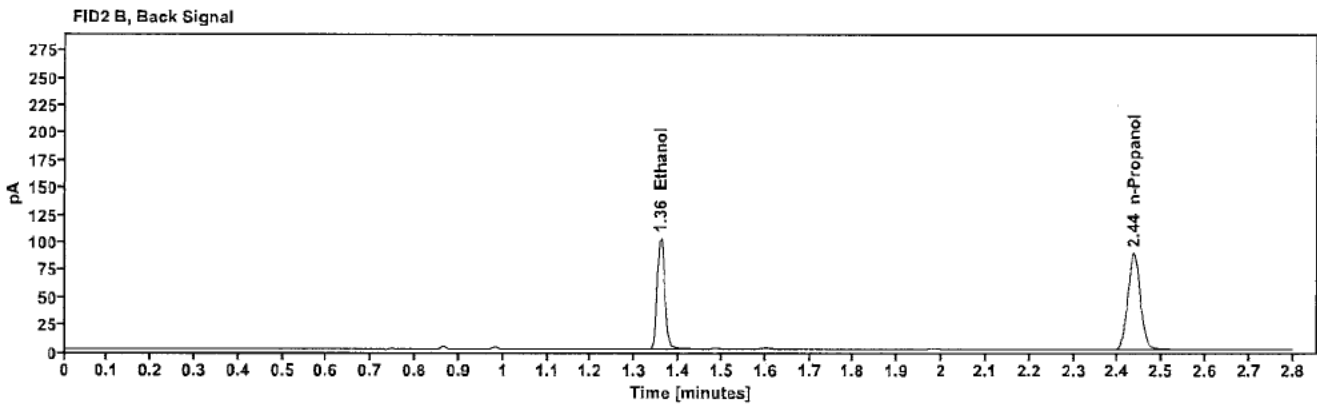
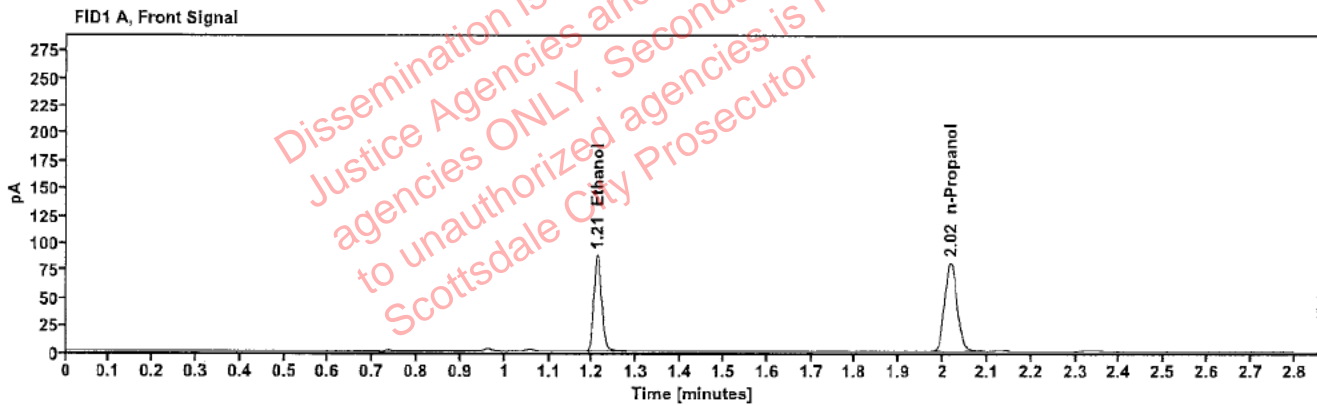


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1805	1.211	112.240
n-Propanol	---	2.016	162.478

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

Compound	Time (min)	Peak Area
Ethanol	1.358	122.984
n-Propanol	2.436	176.140

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2314250-2	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 6:05:35 PM
Data file:	C:\Chem32\1\Data\15Aug23\36.D	Analyst:	Abbott

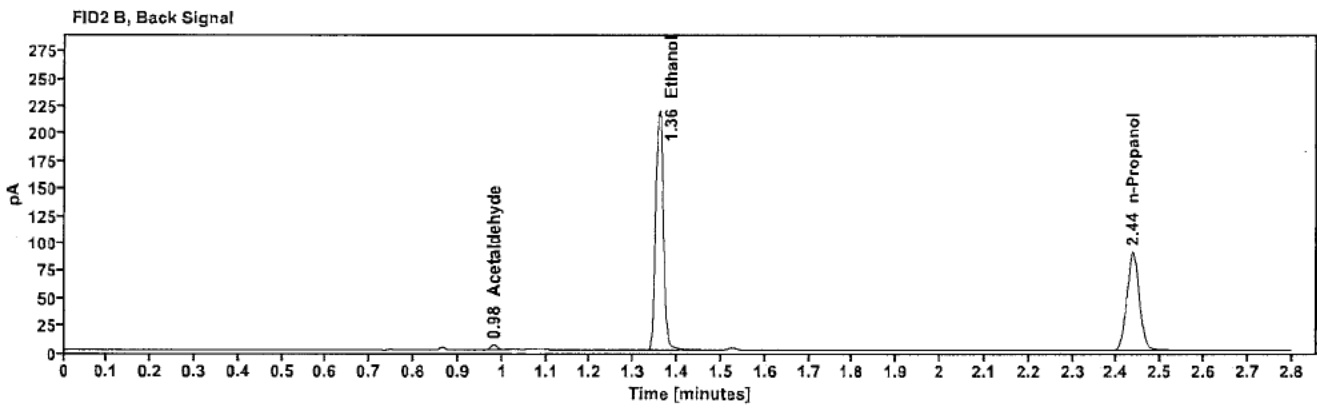
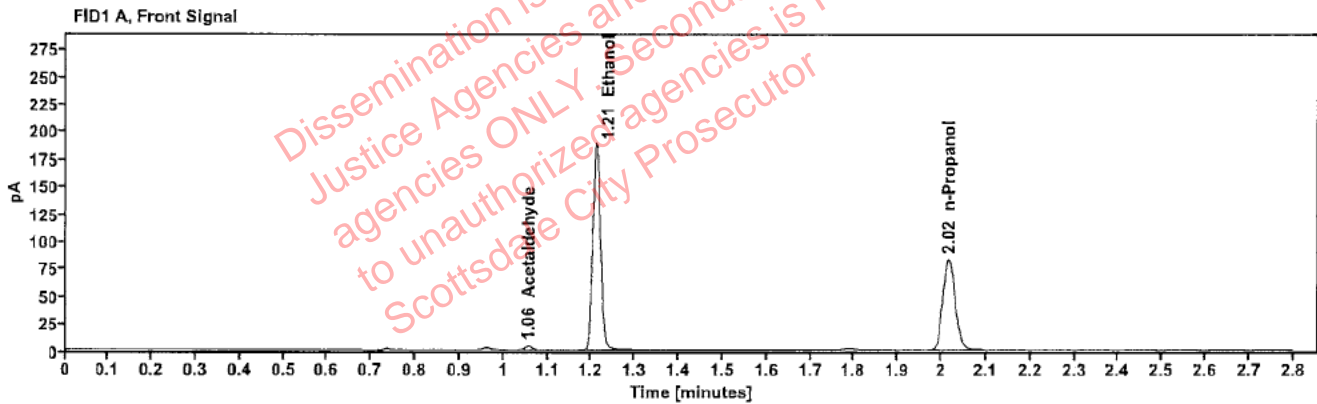


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.816
>Ethanol	0.3804	1.210	240.880
n-Propanol	-----	2.016	164.966

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	4.355
Ethanol	1.358	264.663
n-Propanol	2.436	179.130

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2314250-2	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 6:09:50 PM
Data file:	C:\Chem32\1\Data\15Aug23\37.D	Analyst:	Abbott

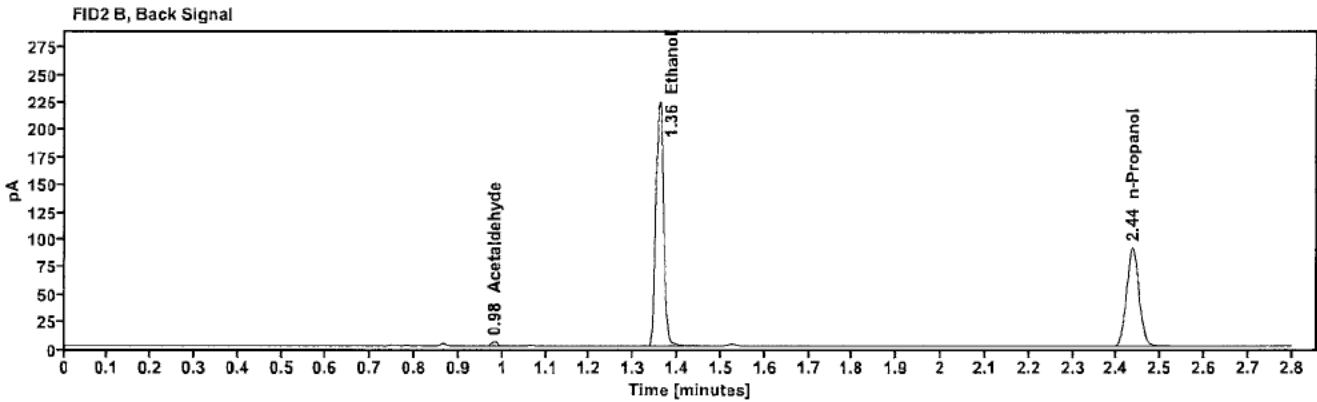
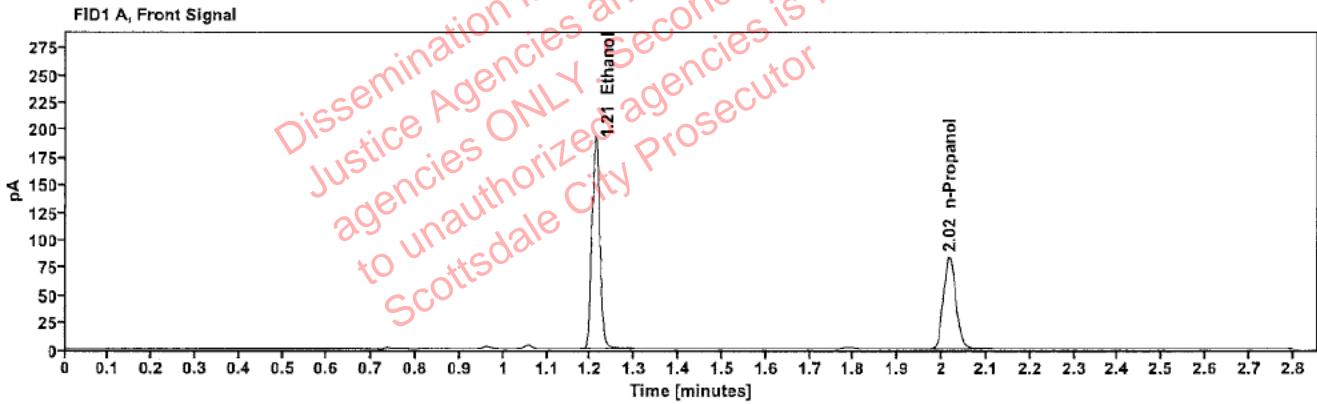


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3859	1.210	245.790
n-Propanol	-----	2.016	165.920

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	3.995
Ethanol	1.358	269.904
n-Propanol	2.436	179.692

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316068-2	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 6:13:50 PM
Data file:	C:\Chem32\1\Data\15Aug23\38.D	Analyst:	Abbott

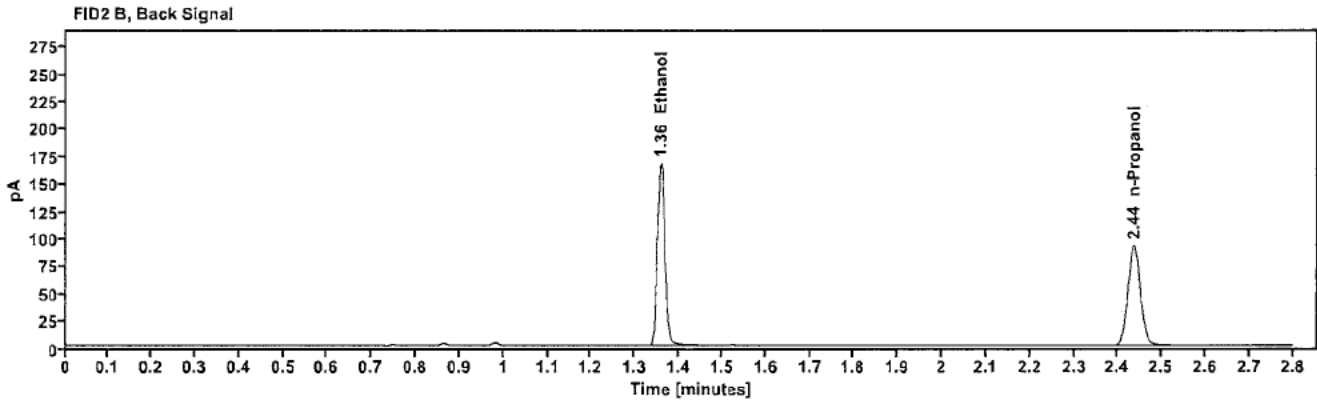
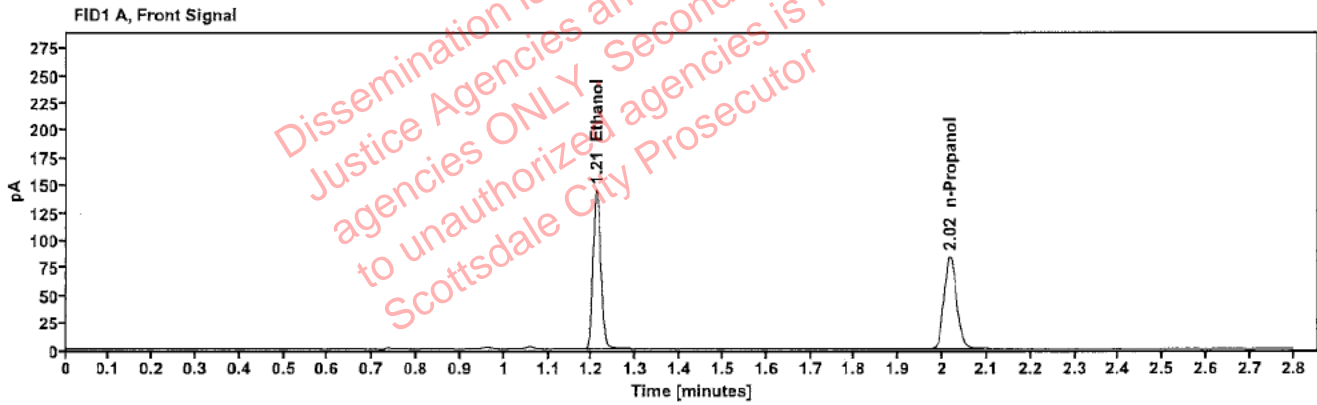


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2866	1.210	183.974
n-Propanol	----	2.016	167.349

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

Compound	Time (min)	Peak Area
Ethanol	1.358	201.651
n-Propanol	2.436	181.670

: Abbott, Lori - (16-Aug-2023)

Case: User: LAbbott 8/16/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316068-2	Vial:	39
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 6:17:49 PM
Data file:	C:\Chem32\1\Data\15Aug23\39.D	Analyst:	Abbott

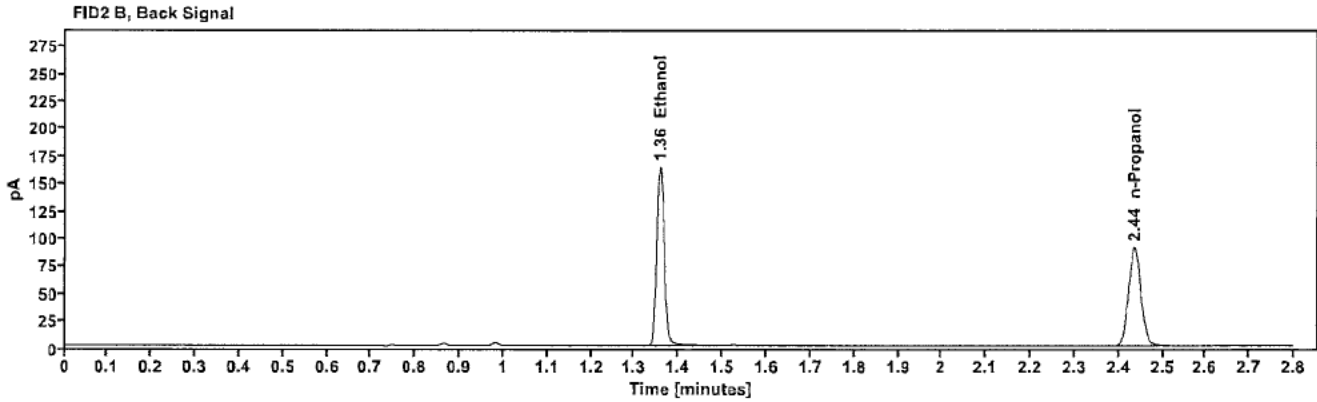
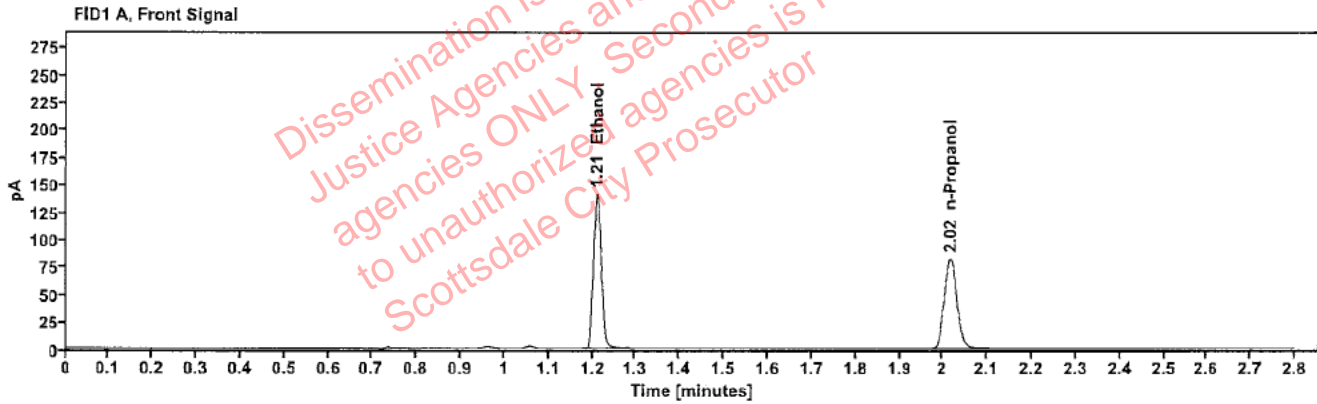


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2858	1.210	179.982
n-Propanol	-----	2.016	164.194

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

Compound	Time (min)	Peak Area
Ethanol	1.358	197.517
n-Propanol	2.436	178.062

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316746-2	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 6:21:51 PM
Data file:	C:\Chem32\1\Data\15Aug23\40.D	Analyst:	Abbott

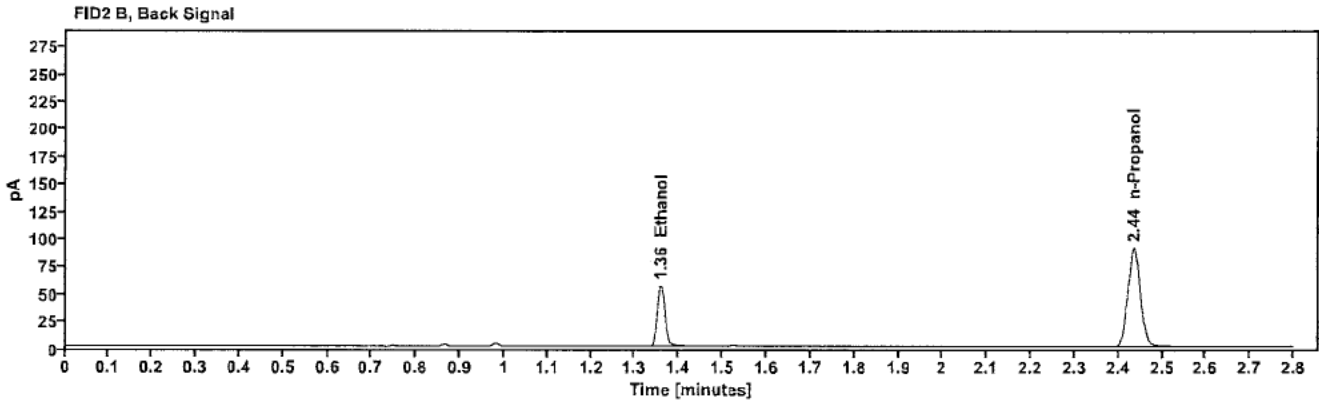
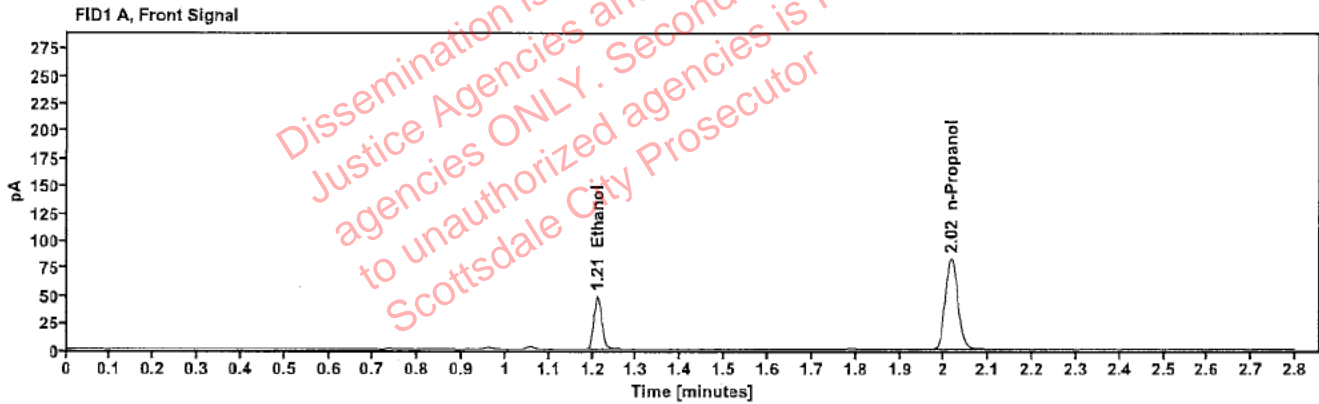


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0982	1.211	61.643
n-Propanol	-----	2.016	164.637

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

Compound	Time (min)	Peak Area
Ethanol	1.358	67.249
n-Propanol	2.436	179.074

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316746-2	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/15/2023 6:25:50 PM
Data file:	C:\Chem32\1\Data\15Aug23\41.D	Analyst:	Abbott

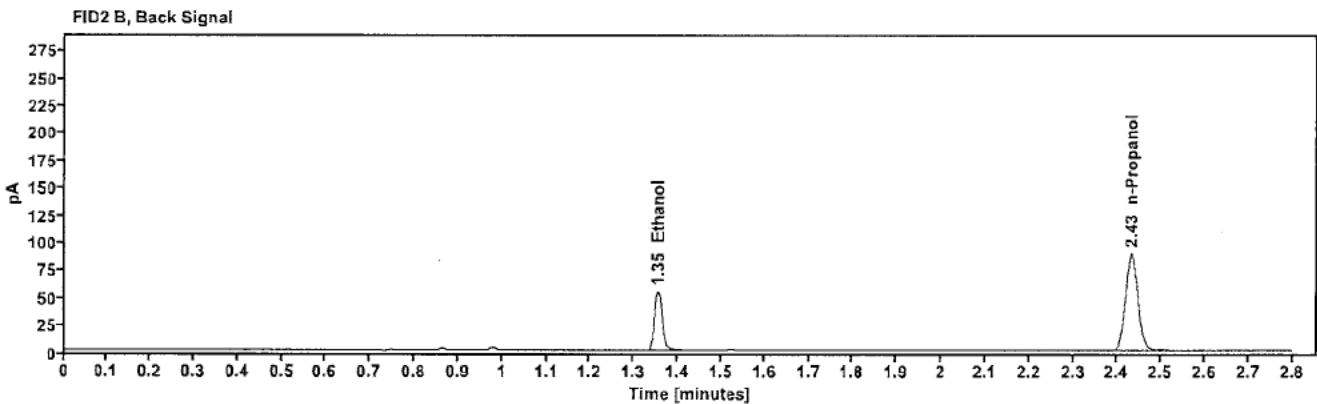
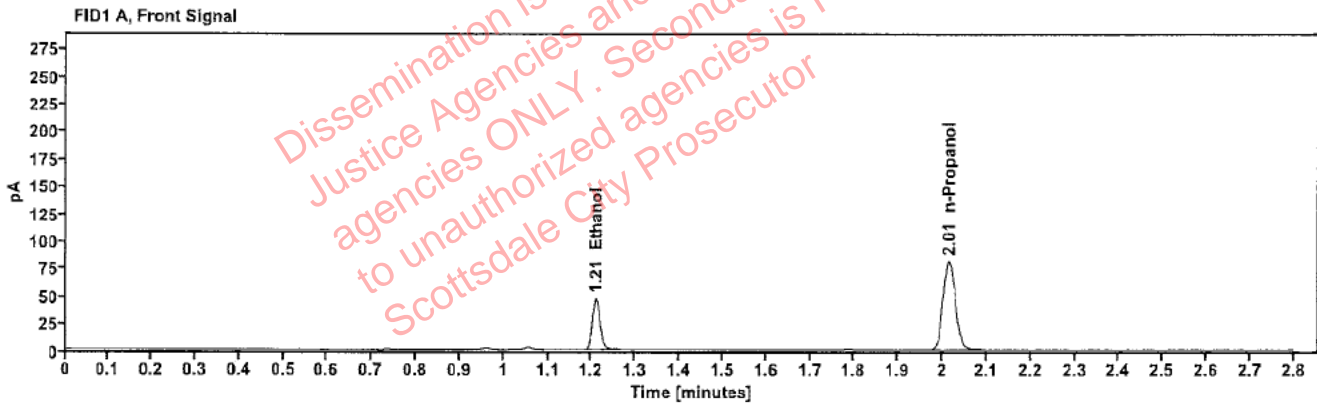


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0969	1.209	59.779
n-Propanol	-----	2.014	161.864

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

Compound	Time (min)	Peak Area
Ethanol	1.355	65.072
n-Propanol	2.432	175.991