

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 07/26/2022 SEQUENCE NAME 26Jul22

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 FN05311902 0.99998
 Vial 3 0.20 calibrator Lot FN02052101
 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 070622AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.406 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/8
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
42	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 11092018-A
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/8
45	Blank	Not detected	Not detected	SPD lab 101921WB

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

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

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

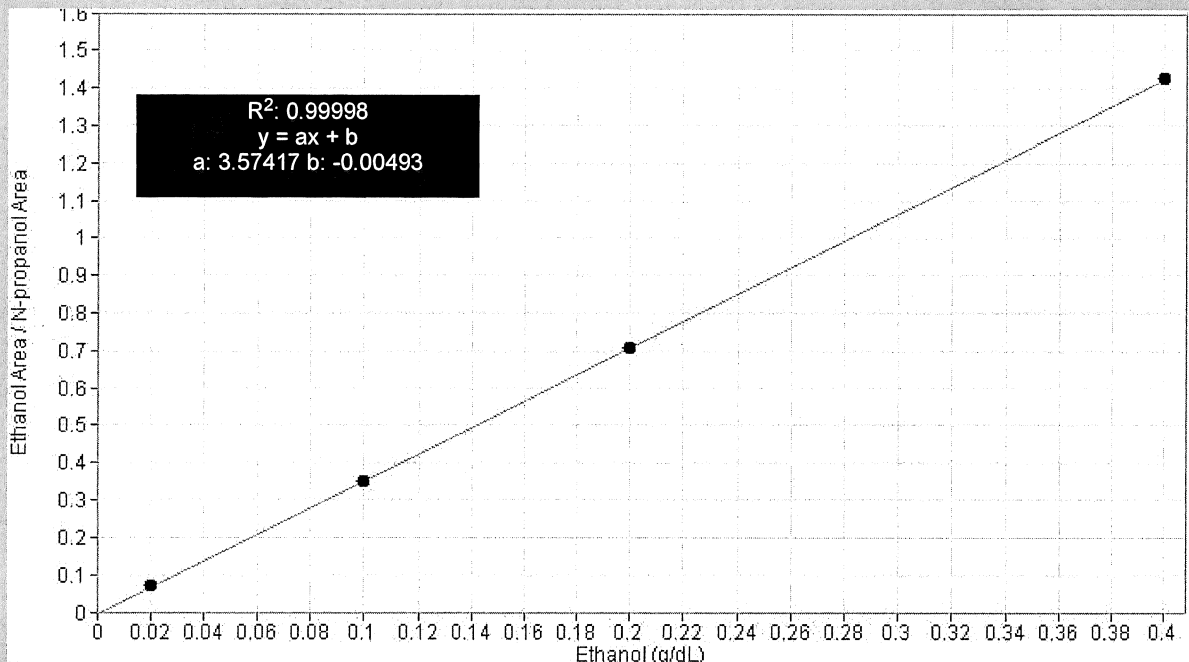
SEQUENCE NAME: 26Jul22

ANALYST: Abbott *JA*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 070622AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.406	0.400	1.50	0.006
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/8	9	0.202	0.199	1.51	0.003
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.080 20012020-B	31	0.080	0.080	0.00	0.000
0.400 11092018-A	42	0.401	0.400	0.25	0.001
0.040 14082019-B	43	0.041	0.040	2.50	0.001
0.199 4110320133/8	44	0.202	0.199	1.51	0.003
blank 101921WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.462	166.254	0.069
0.100	57.535	163.695	0.352
0.200	114.623	162.158	0.707
0.400	232.598	163.069	1.426

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051909	Vial: 1
Description: 0.020 calibrator	Sequence: 26Jul22
Method: ethanol quant.M	Injection date: 7/26/2022 11:36:31 AM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\26Jul22\1.D	

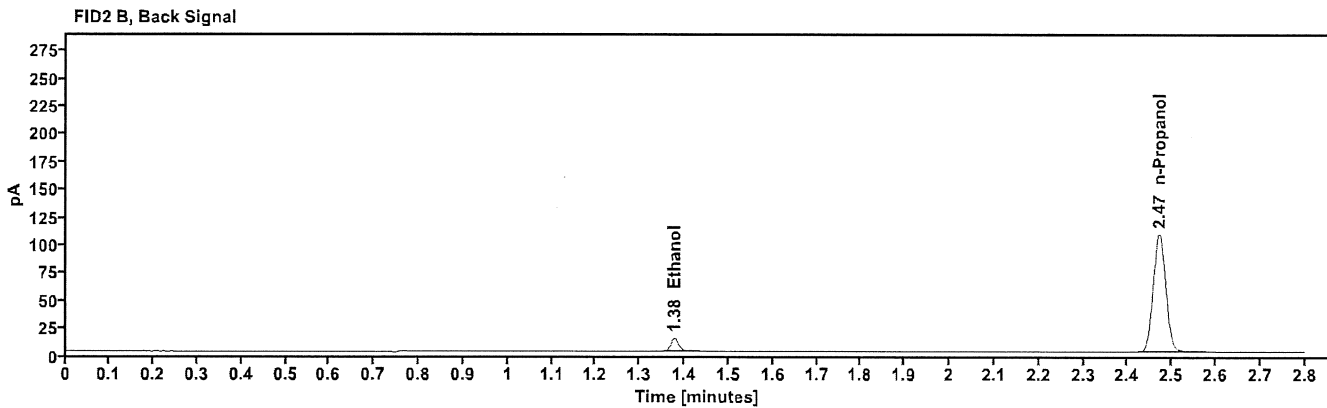
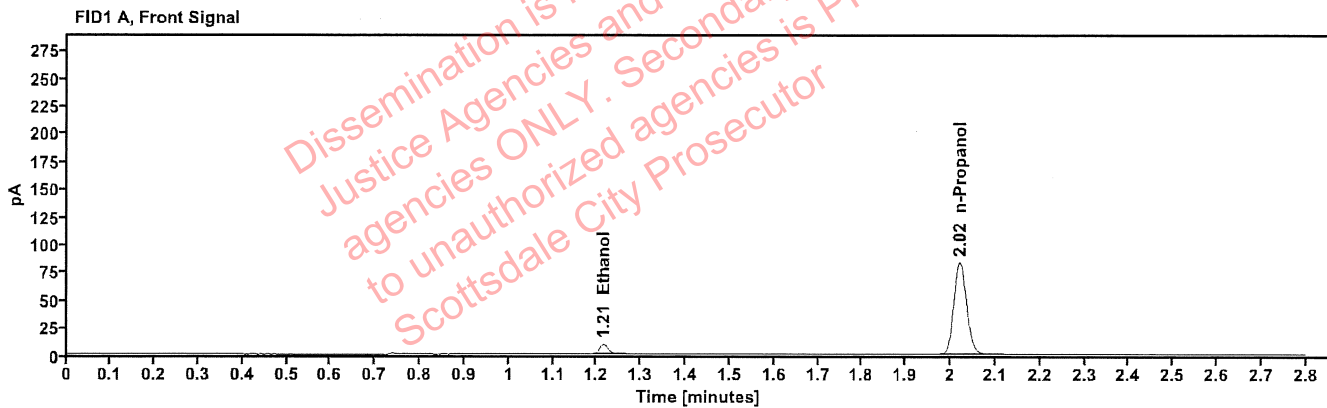


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.215	11.462
n-Propanol	2.021	166.254

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

Compound	Time (min)	Peak Area
Ethanol	1.377	14.715
n-Propanol	2.471	212.863

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 26Jul22
Method: ethanol quant.M	Injection date: 7/26/2022 11:40:31 AM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>AK</i>
Data file: C:\Chem32\1\Data\26Jul22\2.D	

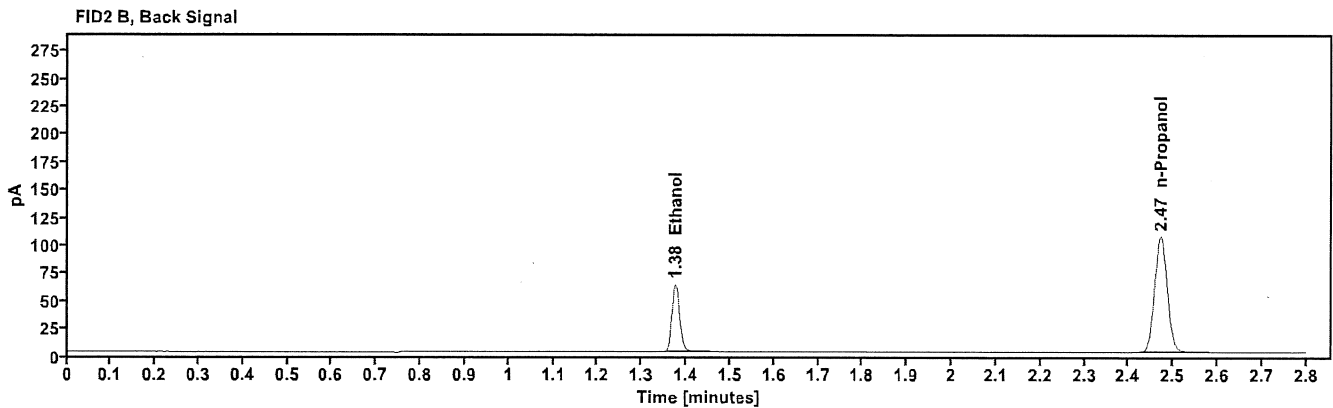
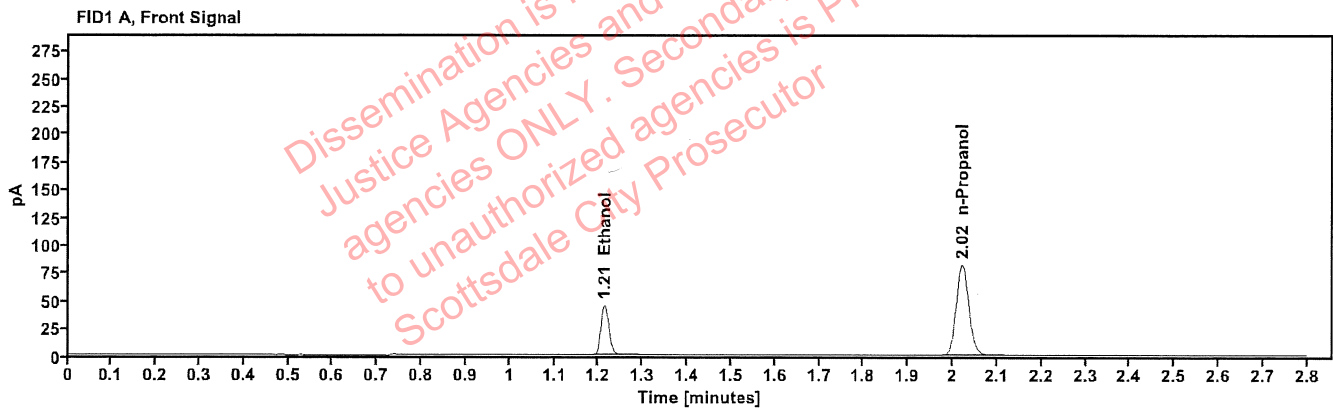


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	57.535
n-Propanol	2.021	163.695

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

Compound	Time (min)	Peak Area
Ethanol	1.375	73.725
n-Propanol	2.472	209.530

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02052101	Vial: 3
Description: 0.200 calibrator	Sequence: 26Jul22
Method: ethanol quant.M	Injection date: 7/26/2022 11:44:32 AM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>AM</i>
Data file: C:\Chem32\1\Data\26Jul22\3.D	

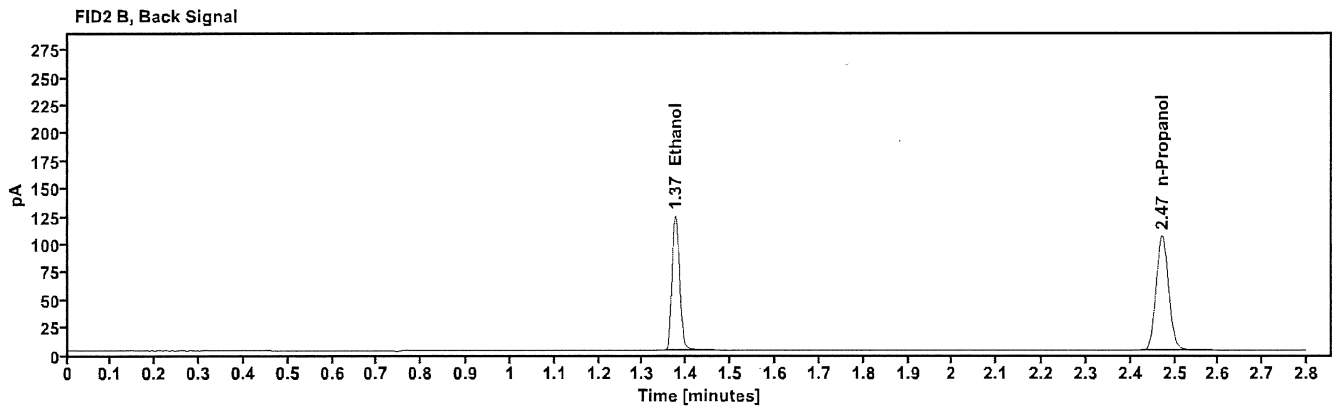
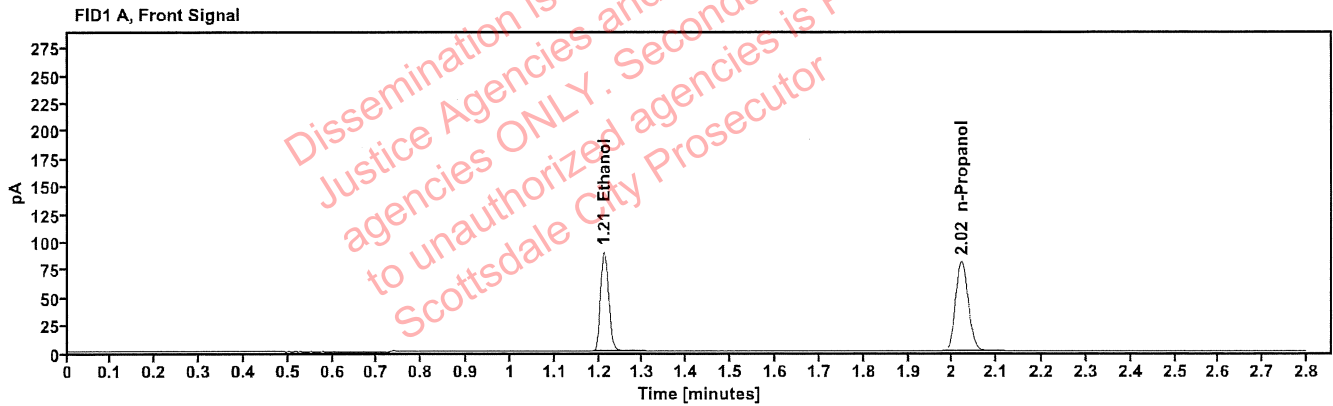


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	114.623
n-Propanol	2.021	162.158

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

Compound	Time (min)	Peak Area
Ethanol	1.375	146.893
n-Propanol	2.471	207.537

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 26Jul22
Method: ethanol quant.M	Injection date: 7/26/2022 11:48:31 AM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\26Jul22\4.D	

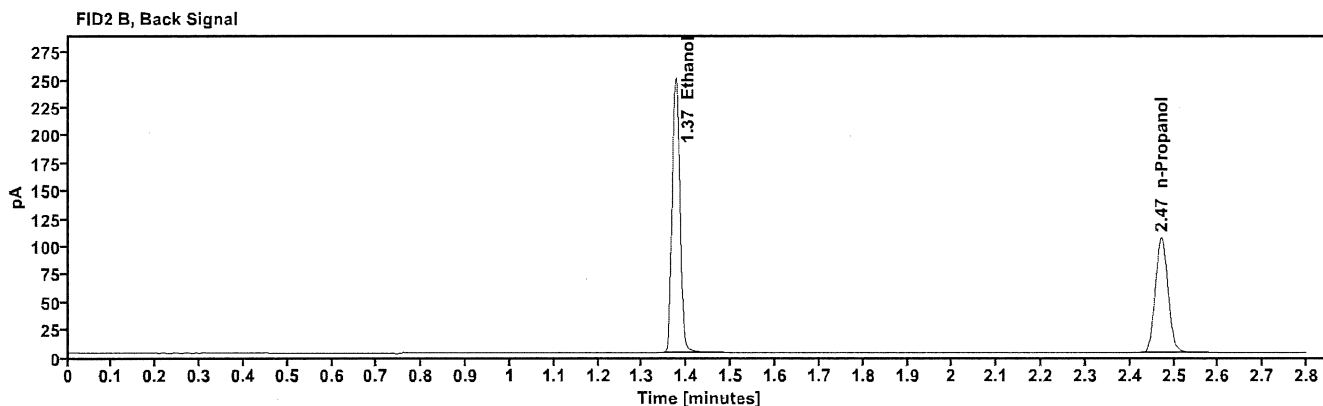
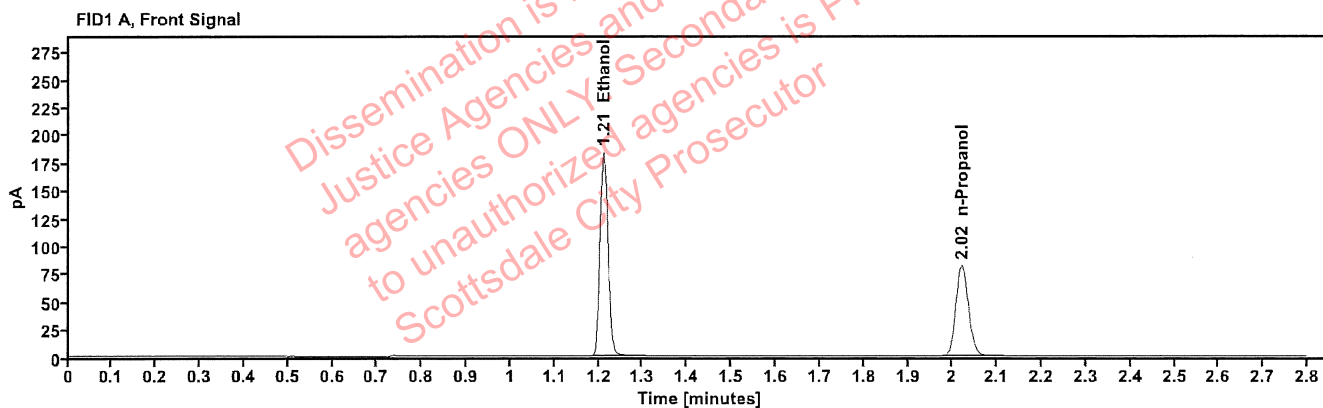


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	232.598
n-Propanol	2.021	163.069

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

Compound	Time (min)	Peak Area
Ethanol	1.375	299.077
n-Propanol	2.472	208.566

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070622AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 26Jul22
Instrument: US14173023 CN14160045	Injection date: 7/26/2022 11:52:32 AM
Data file: C:\Chem32\1\Data\26Jul22\5.D	Analyst: Abbott

Abbott

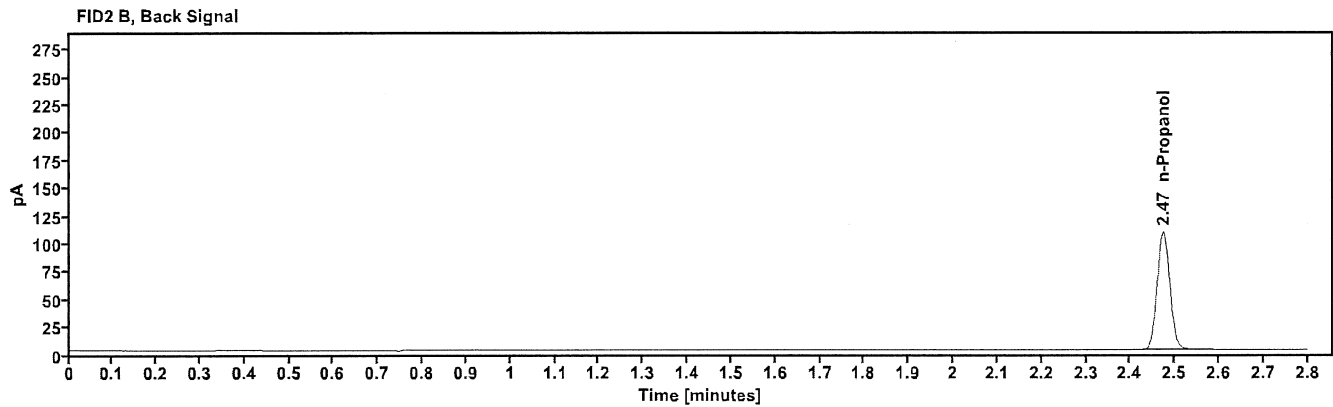
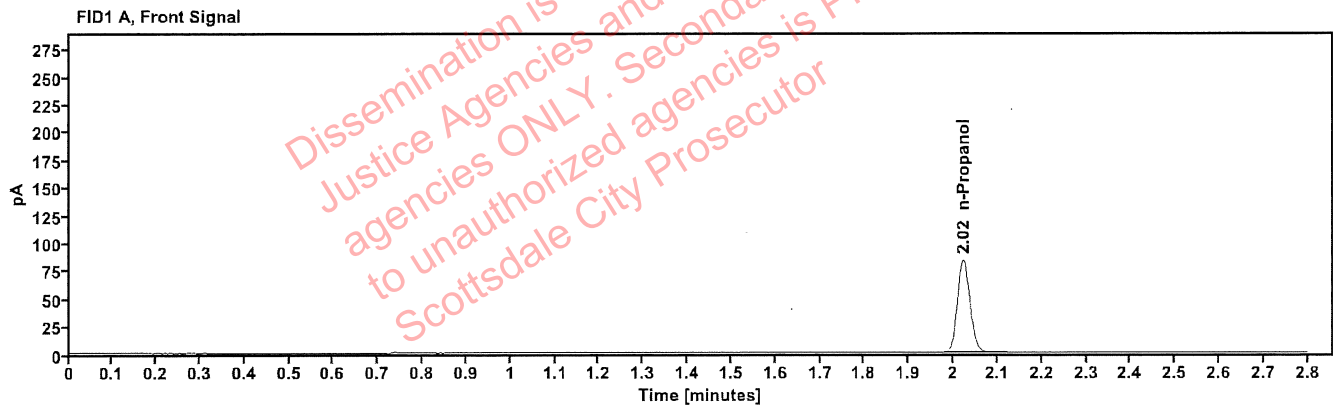


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.022	167.145

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

Compound	Time (min)	Peak Area
n-Propanol	2.474	213.797

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 26Jul22
Instrument: US14173023 CN14160045	Injection date: 7/26/2022 11:56:32 AM
Data file: C:\Chem32\1\Data\26Jul22\6.D	Analyst: Abbott

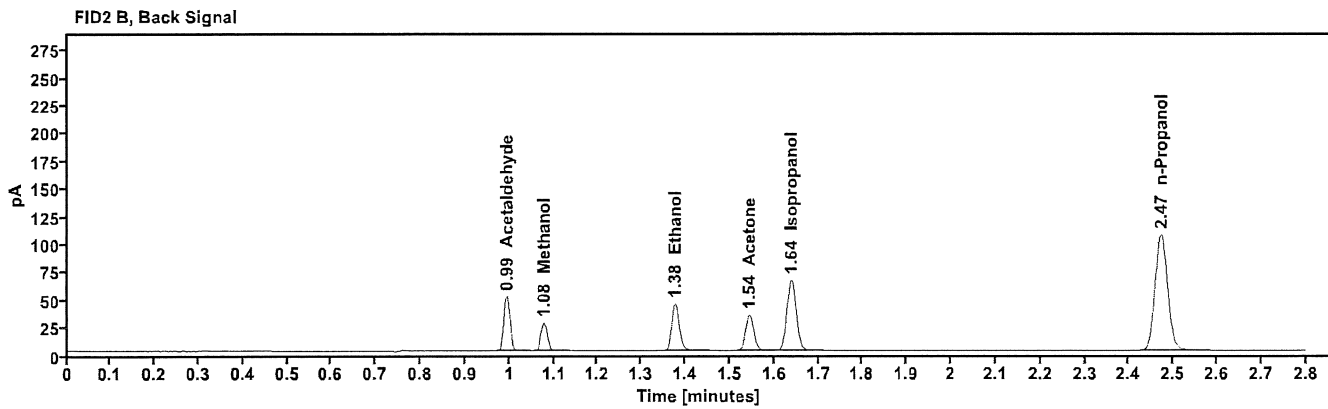
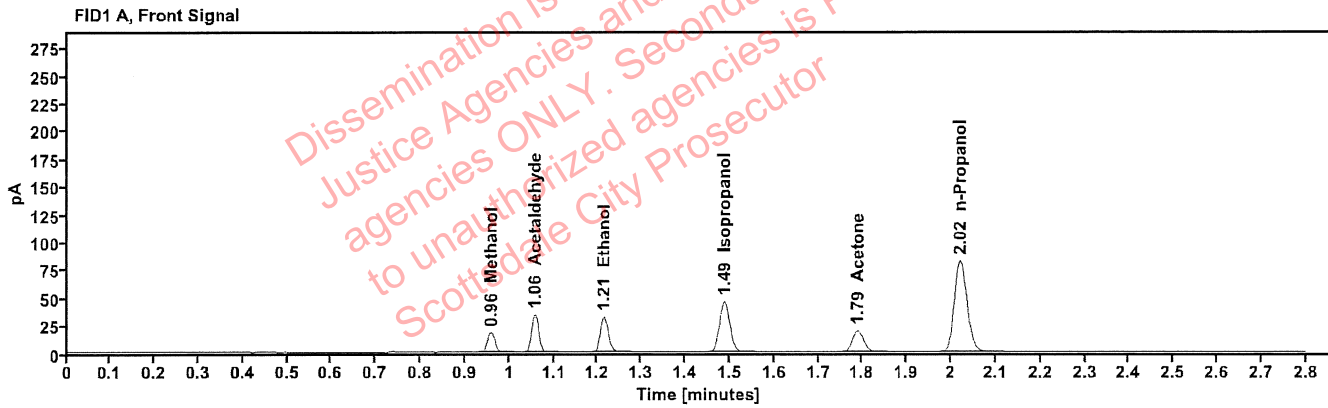


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.959	20.204
Acetaldehyde	-----	1.057	37.155
>Ethanol	0.0701	1.214	40.330
Isopropanol	-----	1.487	73.220
Acetone	-----	1.789	33.122
n-Propanol	-----	2.021	164.113

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	48.364
Methanol	1.077	26.471
Ethanol	1.377	51.759
Acetone	1.544	42.214
Isopropanol	1.639	94.973
n-Propanol	2.472	209.773

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 26Jul22
Instrument: US14173023 CN14160045	Injection date: 7/26/2022 12:00:46 PM
Data file: C:\Chem32\1\Data\26Jul22\7.D	Analyst: Abbott <i>Abbott</i>

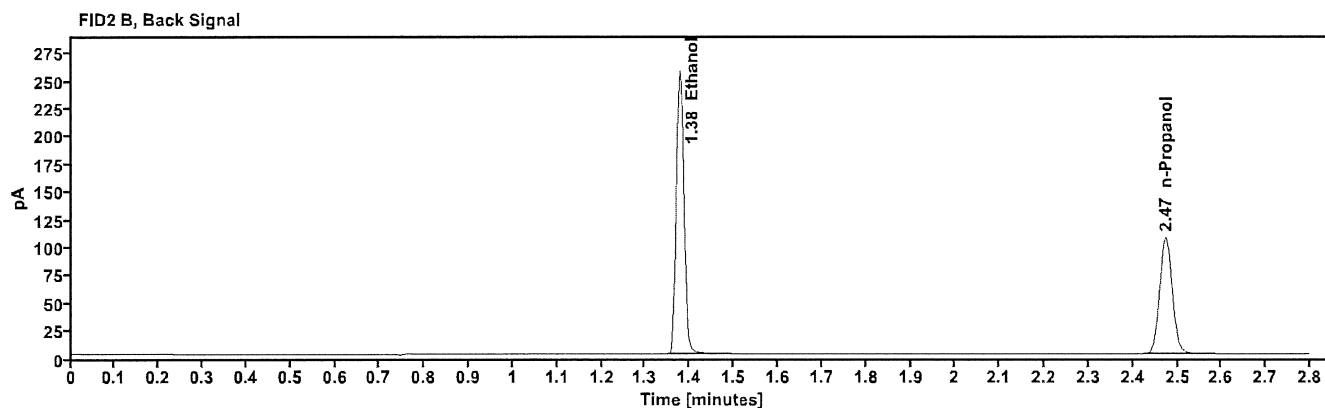
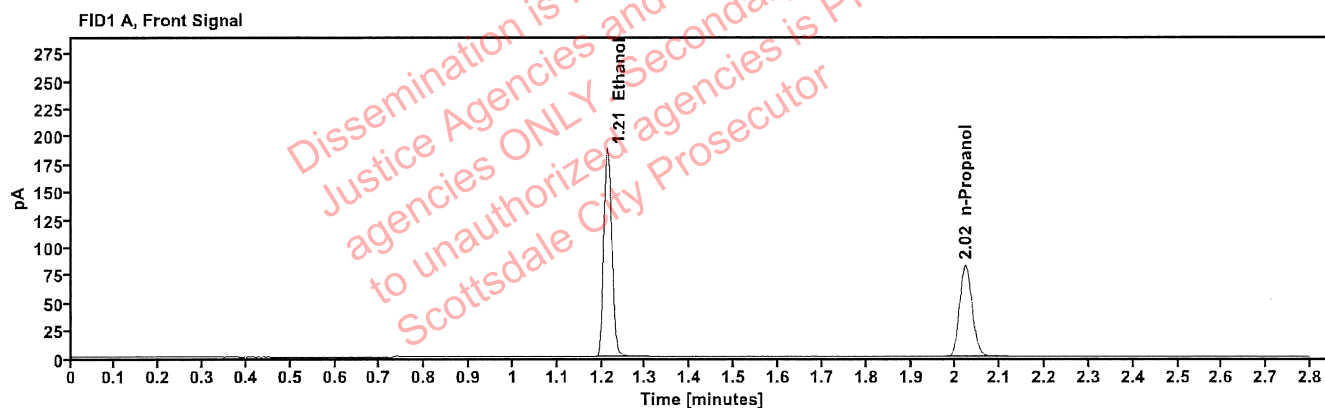


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4067	1.213	238.851
n-Propanol	-----	2.022	164.861

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

Compound	Time (min)	Peak Area
Ethanol	1.377	307.320
n-Propanol	2.474	210.735

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 26Jul22
Instrument: US14173023 CN14160045	Injection date: 7/26/2022 12:04:47 PM
Data file: C:\Chem32\1\Data\26Jul22\8.D	Analyst: Abbott <i>JA</i>

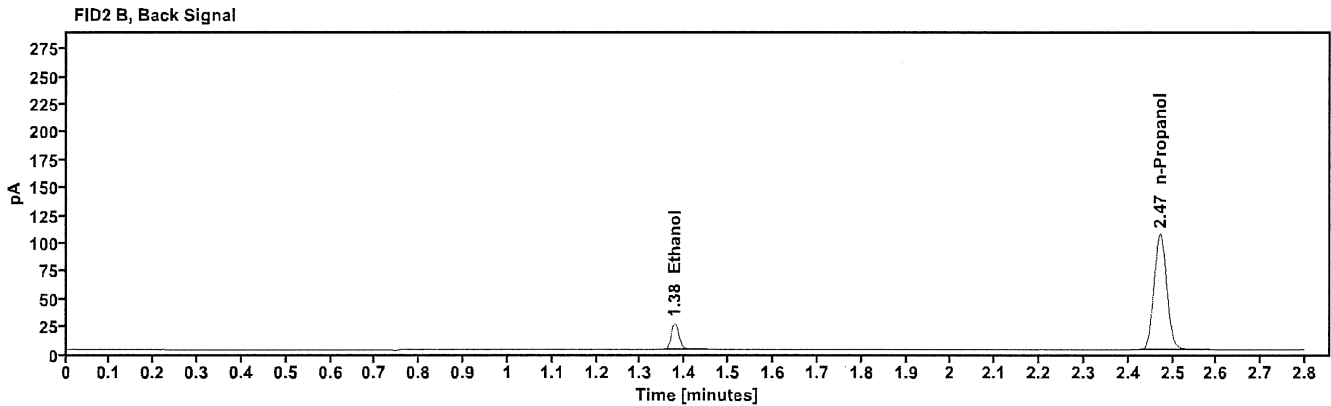
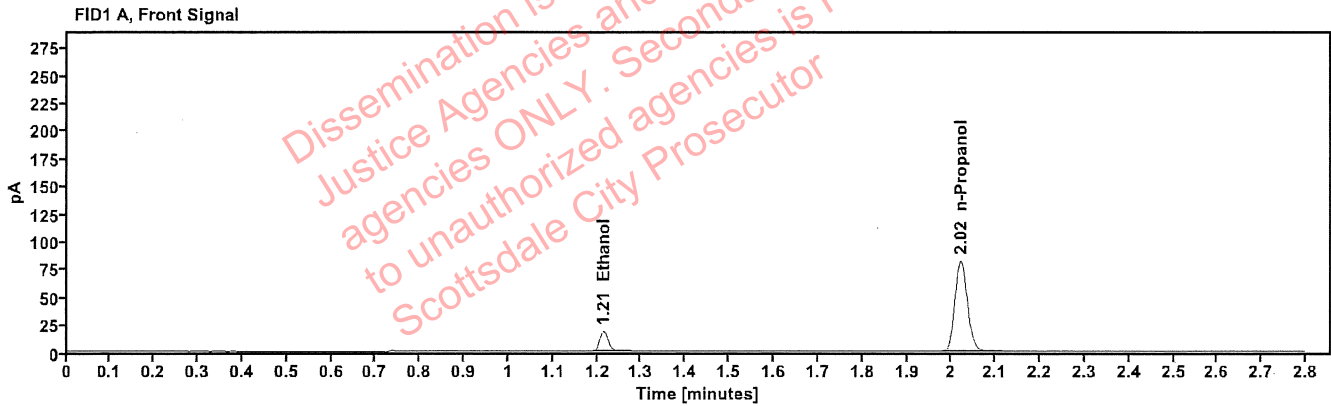


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.214	23.060
n-Propanol	-----	2.021	163.816

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

Compound	Time (min)	Peak Area
Ethanol	1.376	29.658
n-Propanol	2.472	209.612

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/8	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 26Jul22
Instrument: US14173023 CN14160045	Injection date: 7/26/2022 12:08:47 PM
Data file: C:\Chem32\1\Data\26Jul22\9.D	Analyst: Abbott

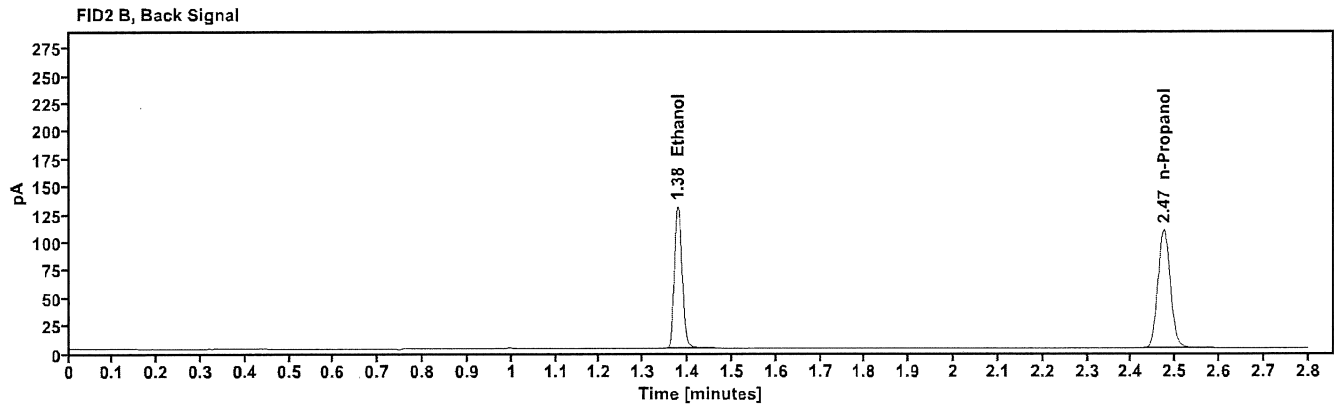
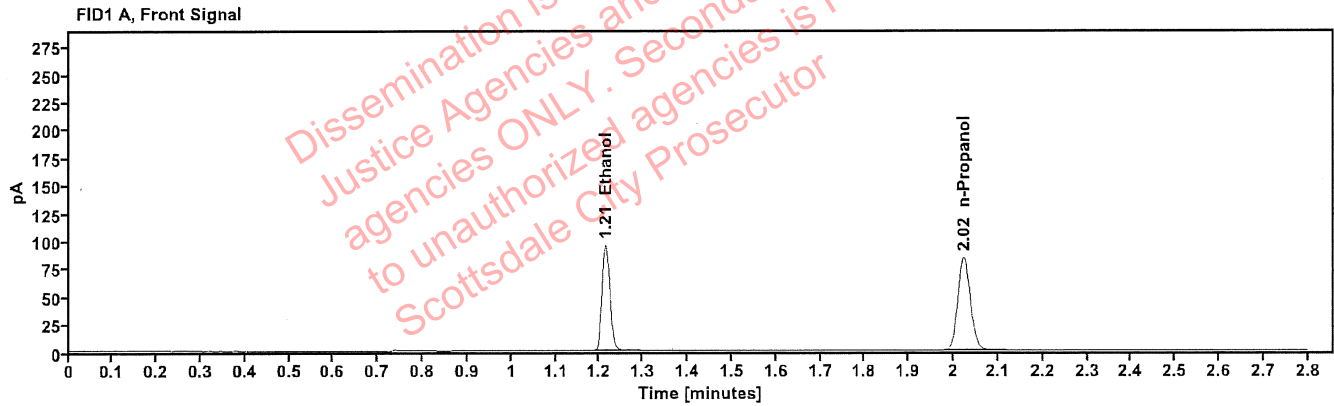


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2029	1.213	120.958
n-Propanol	-----	2.022	167.913

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

Compound	Time (min)	Peak Area
Ethanol	1.378	155.180
n-Propanol	2.474	214.781

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 26Jul22
Instrument: US14173023 CN14160045	Injection date: 7/26/2022 12:53:17 PM
Data file: C:\Chem32\1\Data\26Jul22\20.D	Analyst: Abbott DA

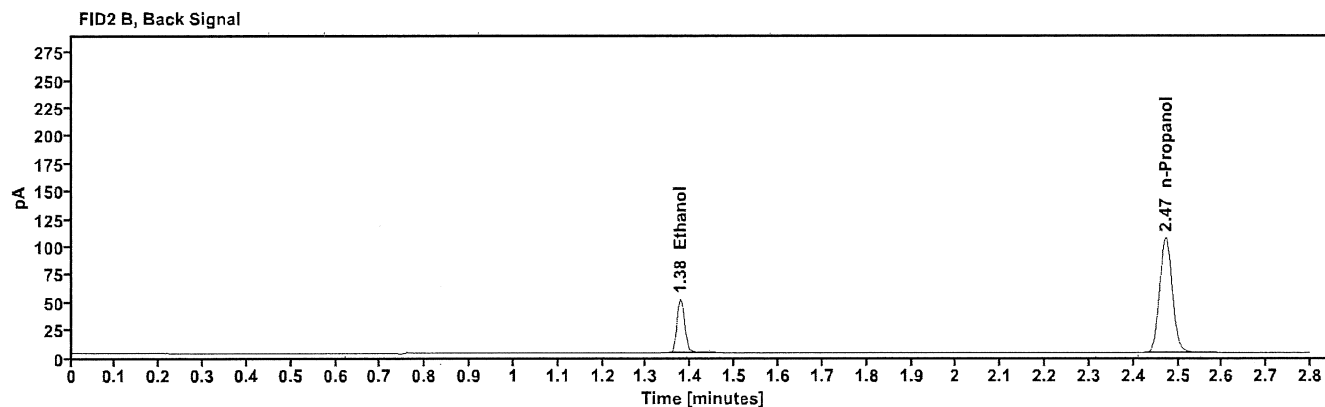
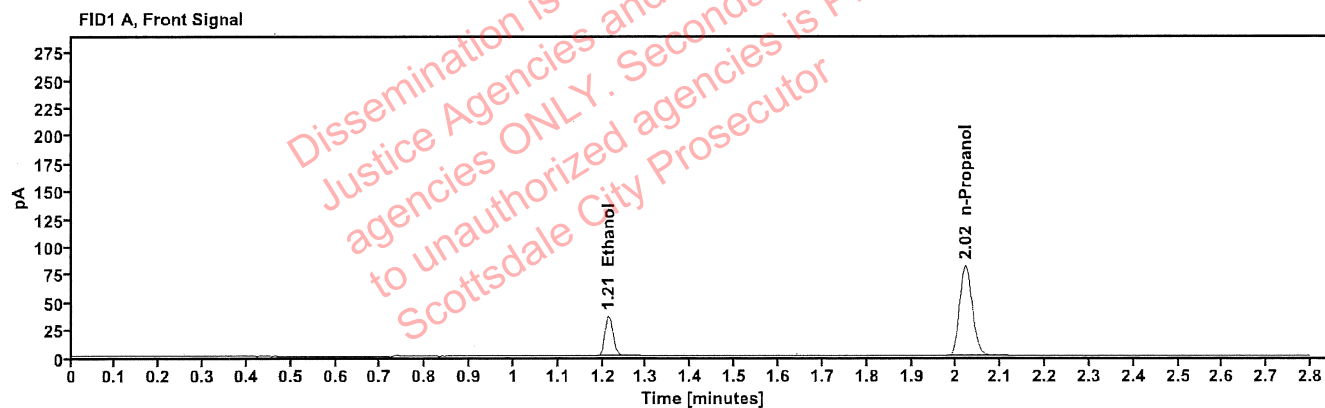


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.213	46.280
n-Propanol	-----	2.021	163.632

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

Compound	Time (min)	Peak Area
Ethanol	1.376	59.350
n-Propanol	2.472	209.219

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 26Jul22
Instrument: US14173023 CN14160045	Injection date: 7/26/2022 1:37:47 PM
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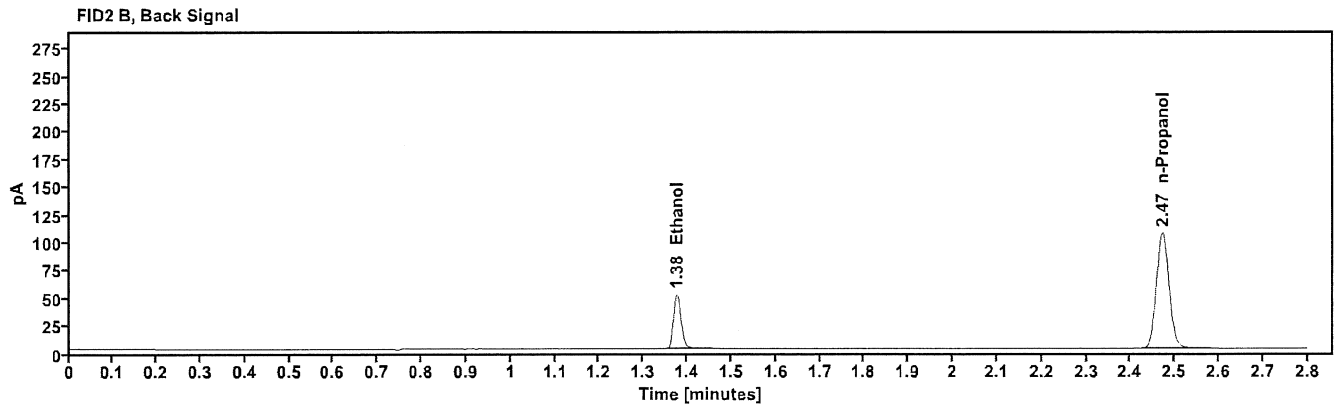
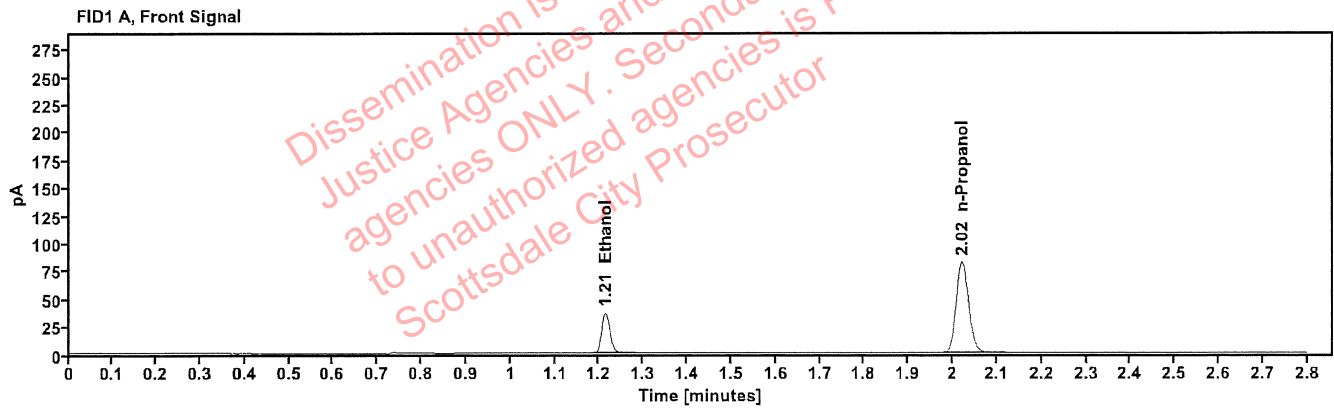


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0807	1.213	46.668
n-Propanol	-----	2.021	164.519

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

Compound	Time (min)	Peak Area
Ethanol	1.376	59.756
n-Propanol	2.472	210.099

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 2:22:01 PM
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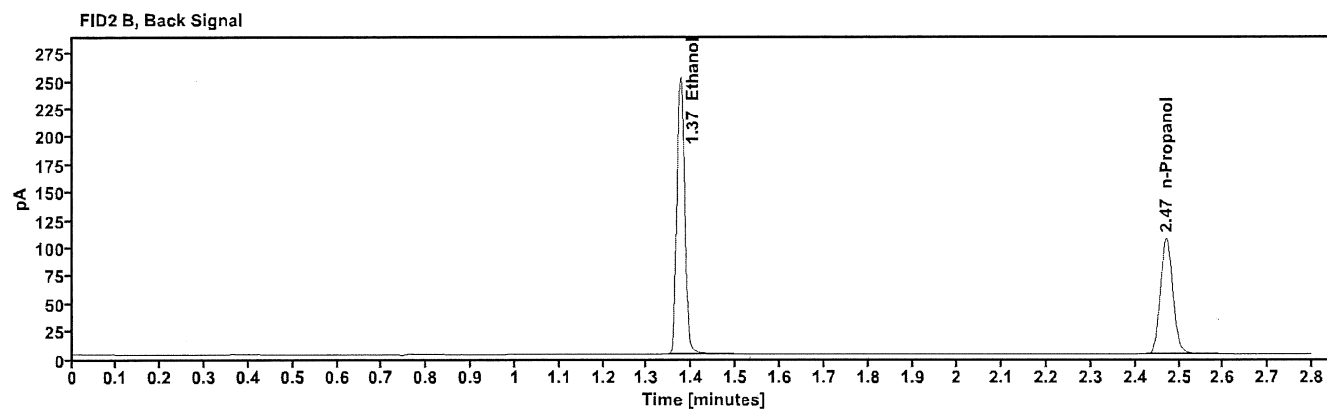
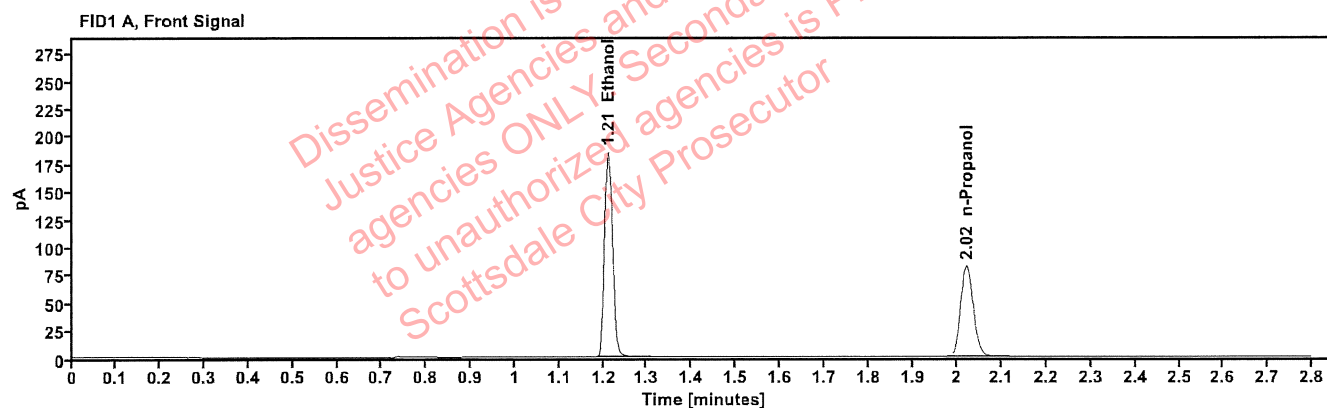


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4016	1.211	235.067
n-Propanol	----	2.020	164.315

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

Compound	Time (min)	Peak Area
Ethanol	1.375	302.421
n-Propanol	2.471	210.132

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 26Jul22
Instrument: US14173023 CN14160045	Injection date: 7/26/2022 2:26:17 PM
Data file: C:\Chem32\1\Data\26Jul22\43.D	Analyst: Abbott

Abbott

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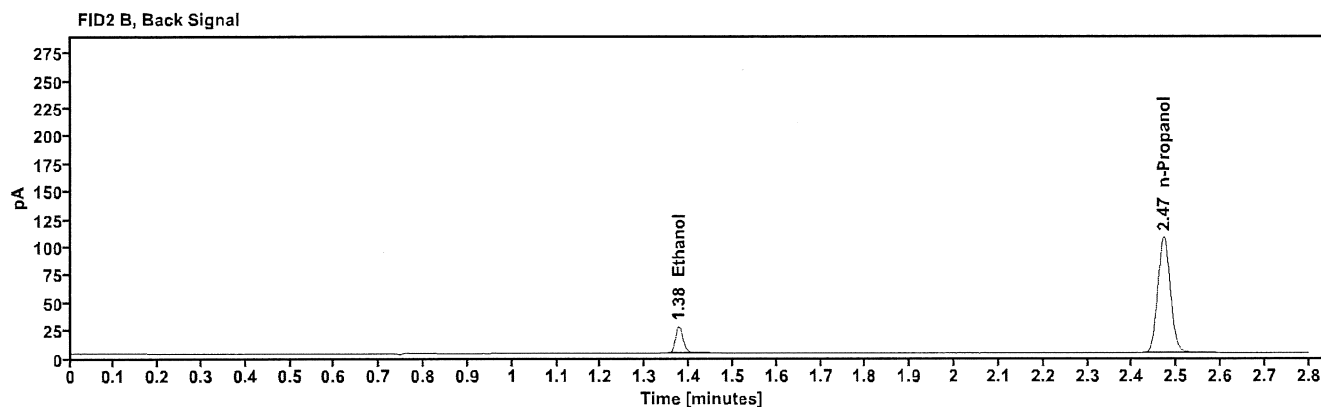
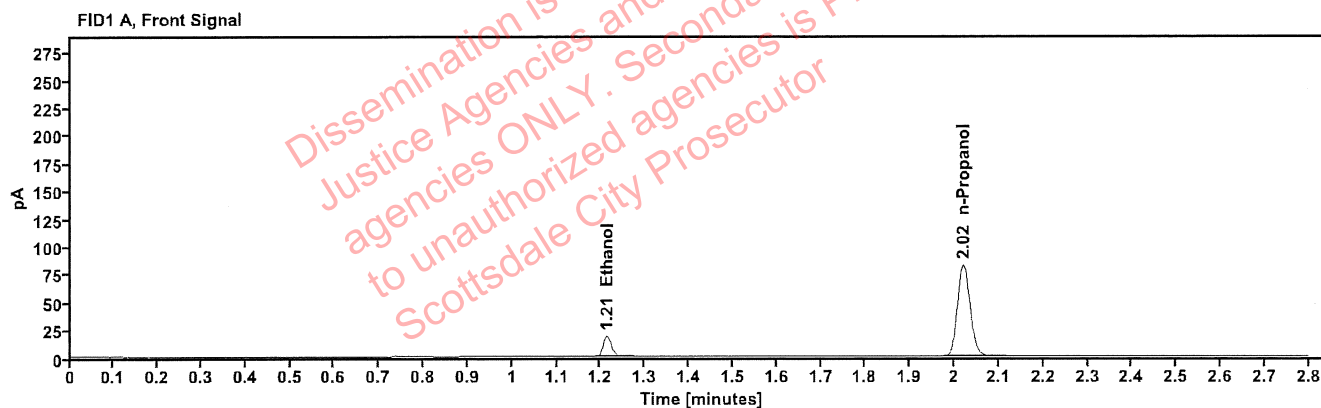


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0412	1.214	23.446
n-Propanol	-----	2.020	164.628

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

Compound	Time (min)	Peak Area
Ethanol	1.376	29.954
n-Propanol	2.471	210.445

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/8	Vial:	44
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 2:30:17 PM
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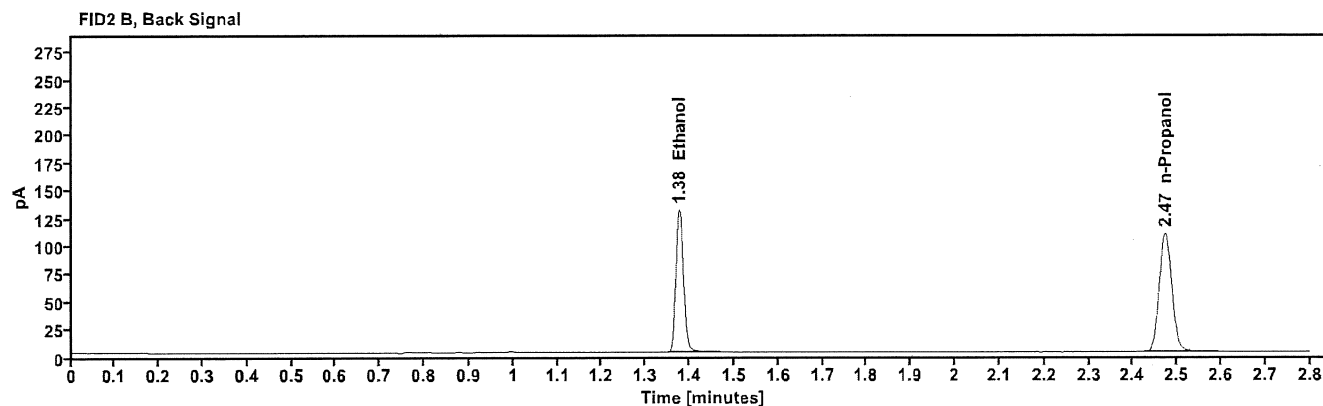
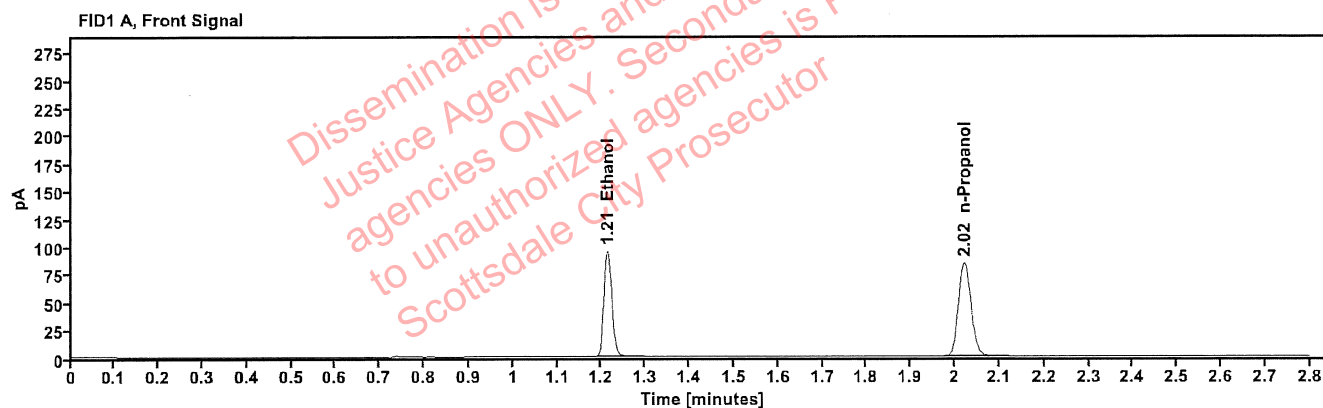


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2026	1.213	121.485
n-Propanol	-----	2.021	168.925

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

Compound	Time (min)	Peak Area
Ethanol	1.377	155.883
n-Propanol	2.473	215.867

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	101921WB	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 2:34:17 PM
Data file:	C:\Chem32\1\Data\26Jul22\45.D	Analyst:	Abbott [Signature]

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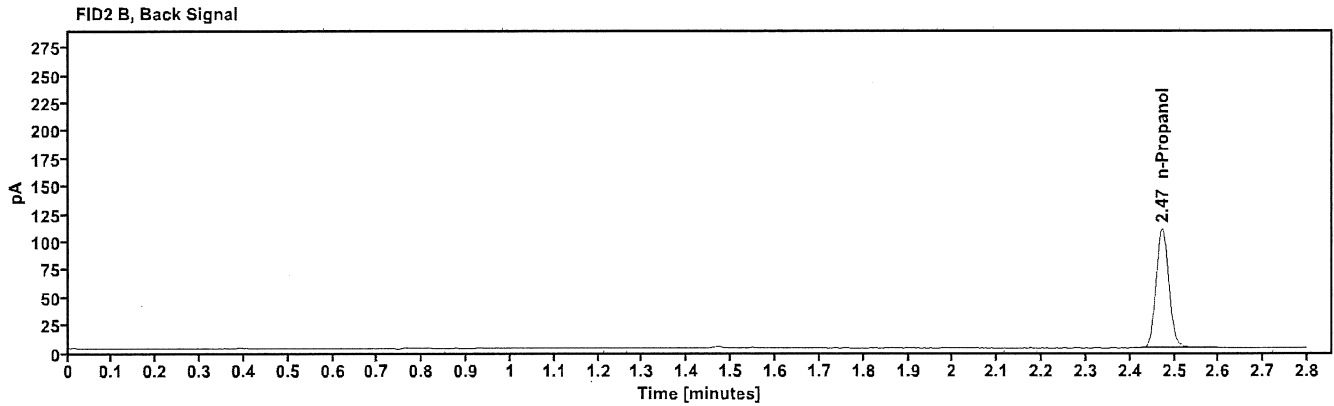
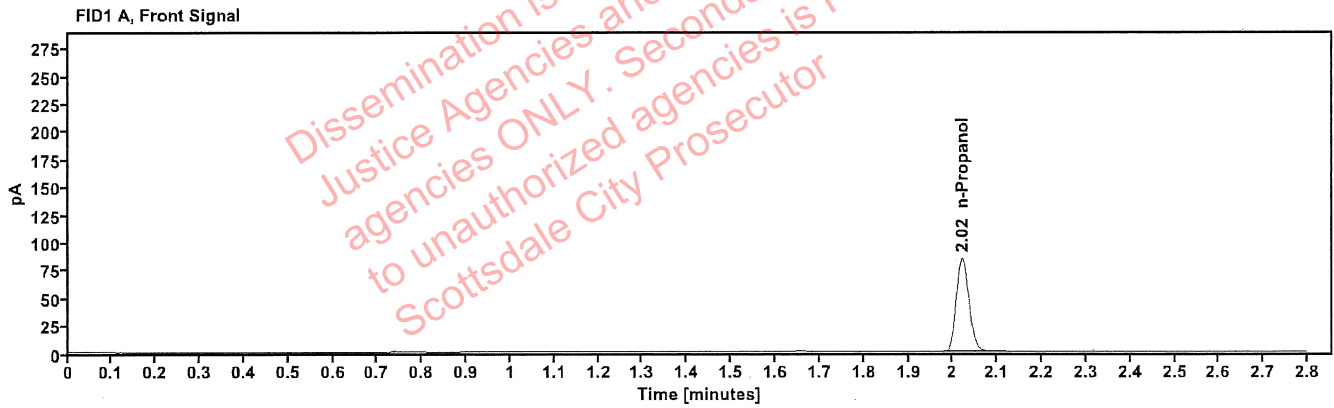


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.021	169.396

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

Compound	Time (min)	Peak Area
n-Propanol	2.473	217.131

Sequence Summary

Sequence name: 26Jul22 Instrument: US14173023 CN14160045 Analyst: Abbott *JA*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN10051909	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN02052101	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	070622AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/8	0.199	Control		ethanol quant.M
10	1430677		Sample		ethanol quant.M
11	1430677		Sample		ethanol quant.M
12	32701ZT		Sample		ethanol quant.M
13	32701ZT		Sample		ethanol quant.M
14	38201BR		Sample		ethanol quant.M
15	38201BR		Sample		ethanol quant.M
16	32701OP		Sample		ethanol quant.M
17	32701OP		Sample		ethanol quant.M
18	1430520		Sample		ethanol quant.M
19	1430520		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1399538		Sample		ethanol quant.M
22	1399538		Sample		ethanol quant.M
23	1430306		Sample		ethanol quant.M
24	1430306		Sample		ethanol quant.M
25	1430886		Sample		ethanol quant.M
26	1430886		Sample		ethanol quant.M
27	1431060		Sample		ethanol quant.M
28	1431060		Sample		ethanol quant.M
29	1431047		Sample		ethanol quant.M
30	1431047		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1431160		Sample		ethanol quant.M
33	1431160		Sample		ethanol quant.M
34	1431210		Sample		ethanol quant.M
35	1431210		Sample		ethanol quant.M
36	1431219		Sample		ethanol quant.M
37	1431219		Sample		ethanol quant.M
38	1431506		Sample		ethanol quant.M
39	1431506		Sample		ethanol quant.M
40	1405441		Sample		ethanol quant.M
41	1405441		Sample		ethanol quant.M
42	11092018-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4110320133/8	0.199	Control		ethanol quant.M
45	101921WB	Negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 26Jul22

ANALYST: Abbott *AK*

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1987	0.1981	0.19840	0.15	0.00030
12 13	0.0289	0.0291	0.02900	0.34	0.00010
14 15	0.1702	0.1707	0.17045	0.15	0.00025
16 17	0.1195	0.1197	0.11960	0.08	0.00010
18 19	0.1521	0.1540	0.15305	0.62	0.00095
21 22	0.0917	0.0916	0.09165	0.05	0.00005
23 24	0.0529	0.0532	0.05305	0.28	0.00015
25 26	0.2224	0.2230	0.22270	0.13	0.00030
27 28	0.2231	0.2229	0.22300	0.04	0.00010
29 30	0.0860	0.0856	0.08580	0.23	0.00020
32 33	0.0753	0.0748	0.07505	0.33	0.00025
34 35	0.2903	0.2914	0.29085	0.19	0.00055
36 37	0.2872	0.2910	0.28910	0.66	0.00190
38 39	0.1457	0.1451	0.14540	0.21	0.00030
40 41	0.0884	0.0903	0.08935	1.06	0.00095

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

Scottsdale Forensic Lab Blood Alcohol Pipetting Log

ANALYST: Abbott *MA*

SEQUENCE: 26Jul22

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	1430677	1430677	1430677	Yes
Vials 12 and 13	32701ZT	32701ZT	32701ZT	Yes
Vials 14 and 15	38201BR	38201BR	38201BR	Yes
Vials 16 and 17	32701OP	32701OP	32701OP	Yes
Vials 18 and 19	1430520	1430520	1430520	Yes
Vials 21 and 22	1399538	1399538	1399538	Yes
Vials 23 and 24	1430306	1430306	1430306	Yes
Vials 25 and 26	1430886	1430886	1430886	Yes
Vials 27 and 28	1431060	1431060	1431060	Yes
Vials 29 and 30	1431047	1431047	1431047	Yes
Vials 32 and 33	1431160	1431160	1431160	Yes
Vials 34 and 35	1431210	1431210	1431210	Yes
Vials 36 and 37	1431219	1431219	1431219	Yes
Vials 38 and 39	1431506	1431506	1431506	Yes
Vials 40 and 41	1405441	1405441	1405441	Yes

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1430677	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 12:12:46 PM
Data file:	C:\Chem32\1\Data\26Jul22\10.D	Analyst:	Abbott

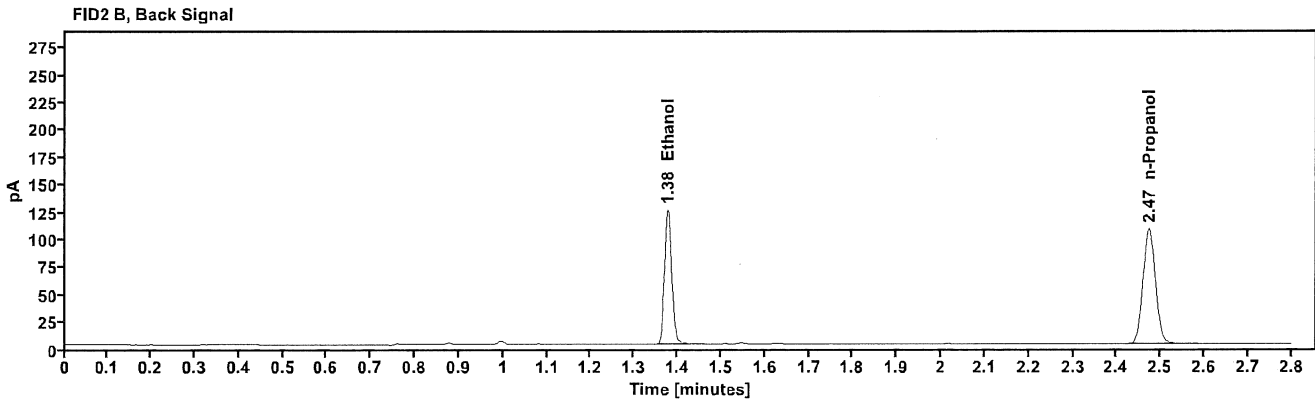
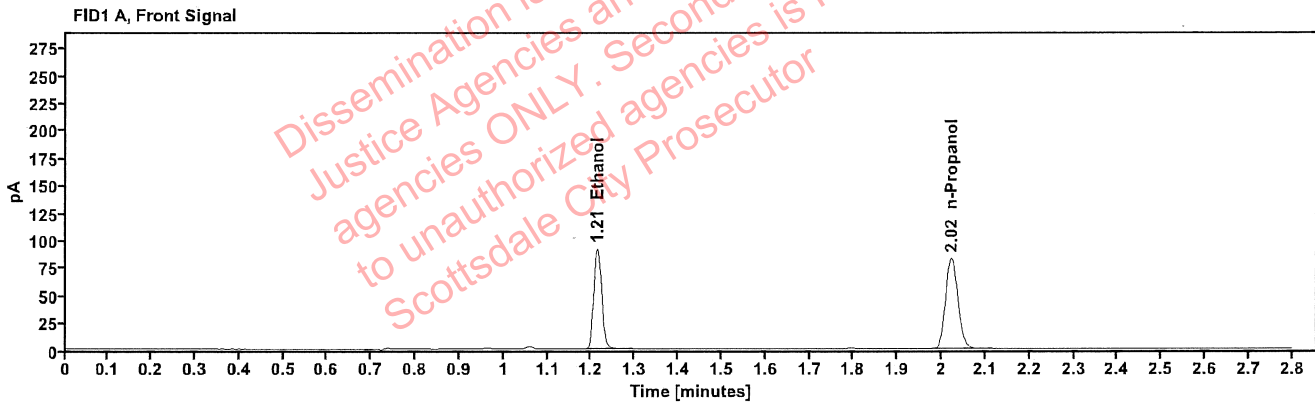


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1987	1.213	116.088
n-Propanol	-----	2.022	164.617

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

Compound	Time (min)	Peak Area
Ethanol	1.377	149.023
n-Propanol	2.473	211.059

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1430677	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 12:16:46 PM
Data file:	C:\Chem32\1\Data\26Jul22\11.D	Analyst:	Abbott

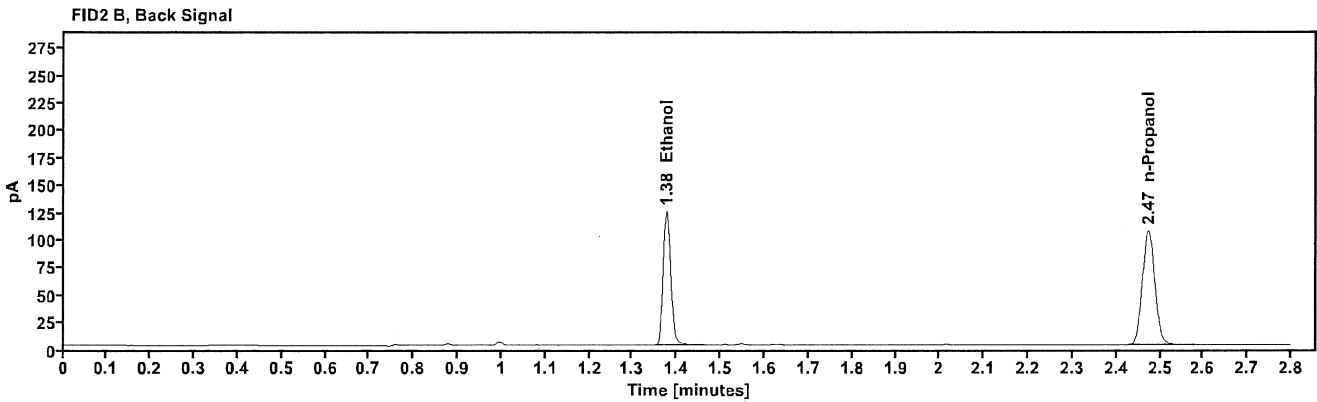
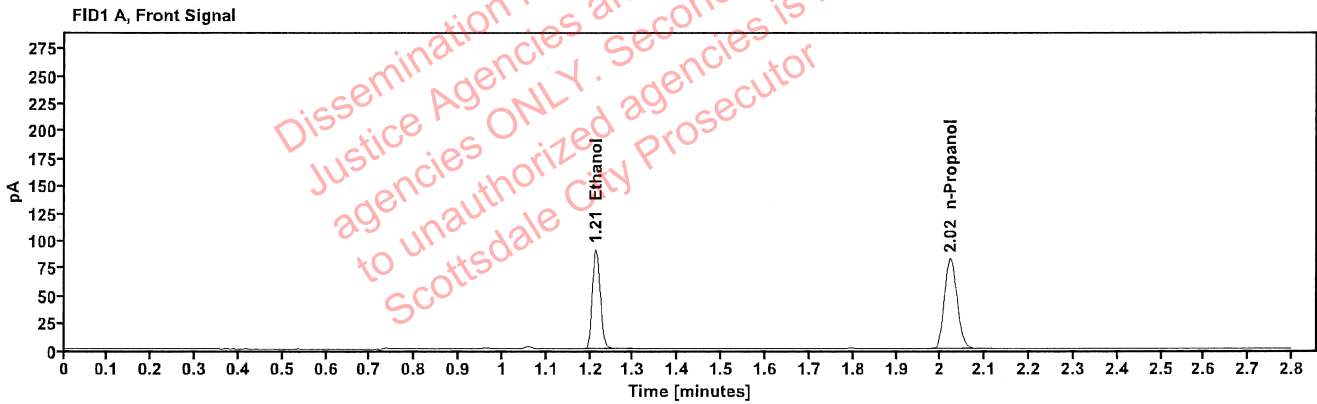


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1981	1.213	115.400
n-Propanol	-----	2.022	164.122

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

Compound	Time (min)	Peak Area
Ethanol	1.376	148.123
n-Propanol	2.473	210.390

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701ZT	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 12:20:47 PM
Data file:	C:\Chem32\1\Data\26Jul22\12.D	Analyst:	Abbott

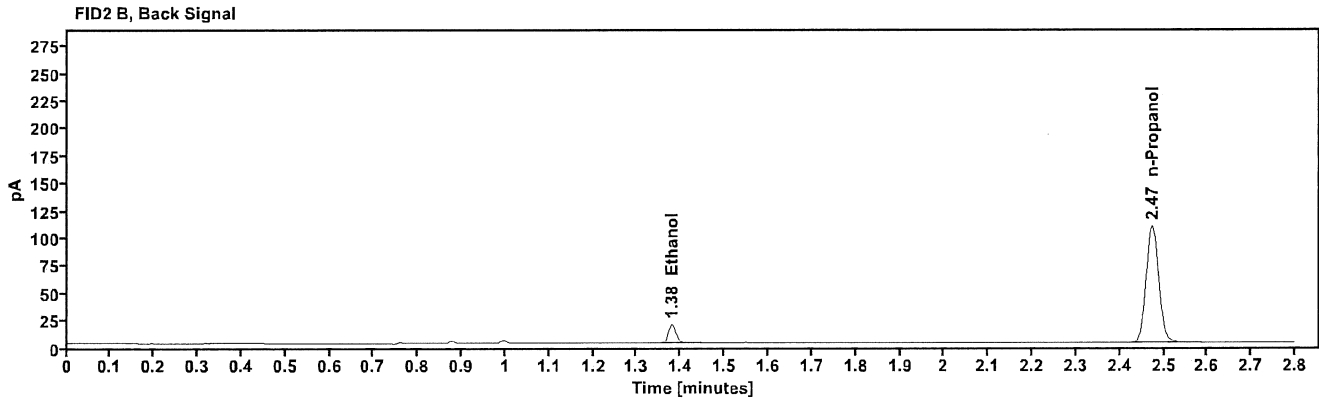
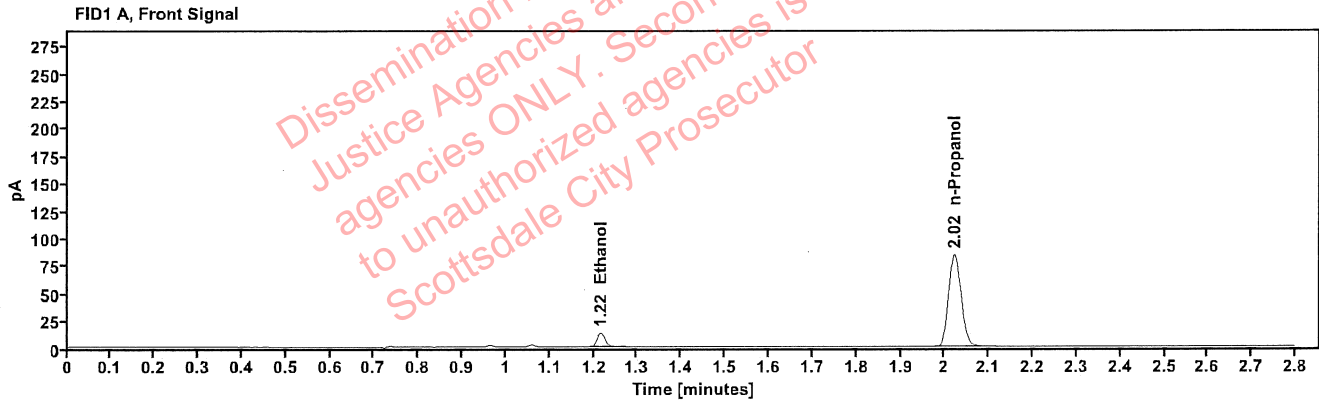


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0289	1.216	16.503
n-Propanol	-----	2.022	167.513

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

Compound	Time (min)	Peak Area
Ethanol	1.379	21.488
n-Propanol	2.474	214.483

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701ZT	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 12:25:01 PM
Data file:	C:\Chem32\1\Data\26Jul22\13.D	Analyst:	Abbott

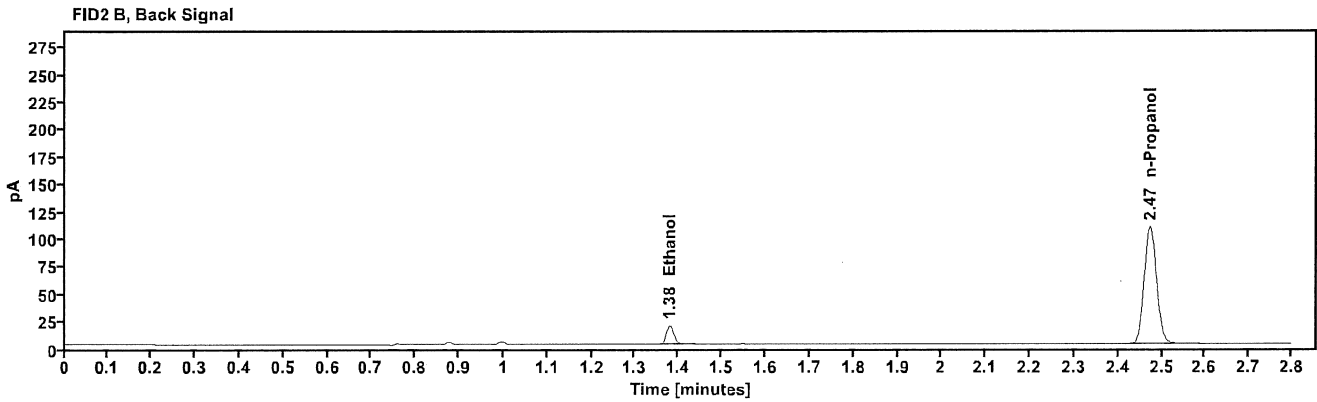
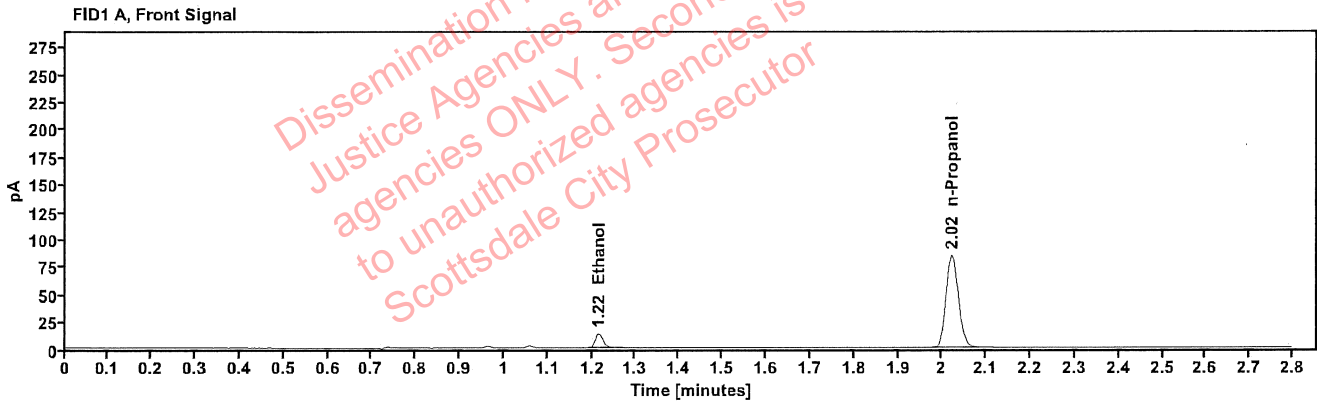


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0291	1.216	16.655
n-Propanol	-----	2.022	168.139

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

Compound	Time (min)	Peak Area
Ethanol	1.379	21.694
n-Propanol	2.474	215.190

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38201BR	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 12:29:02 PM
Data file:	C:\Chem32\1\Data\26Jul22\14.D	Analyst:	Abbott

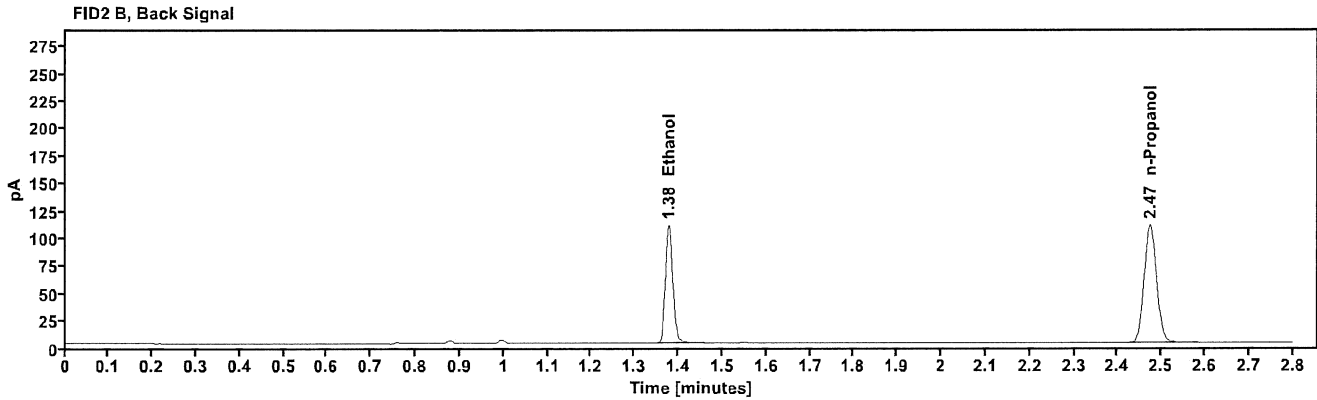
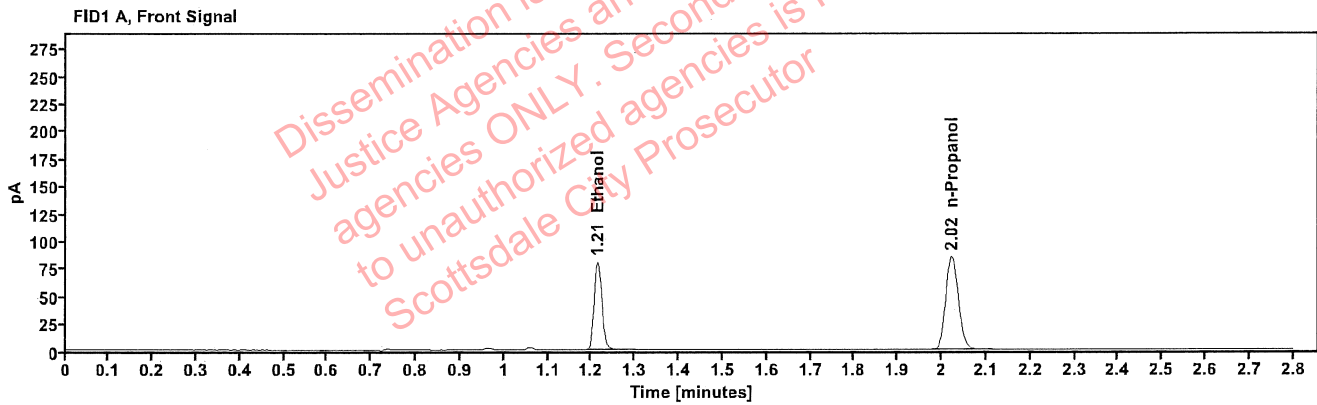


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1702	1.213	101.955
n-Propanol	-----	2.022	169.013

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

Compound	Time (min)	Peak Area
Ethanol	1.378	130.559
n-Propanol	2.474	216.281

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38201BR	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 12:33:01 PM
Data file:	C:\Chem32\1\Data\26Jul22\15.D	Analyst:	Abbott

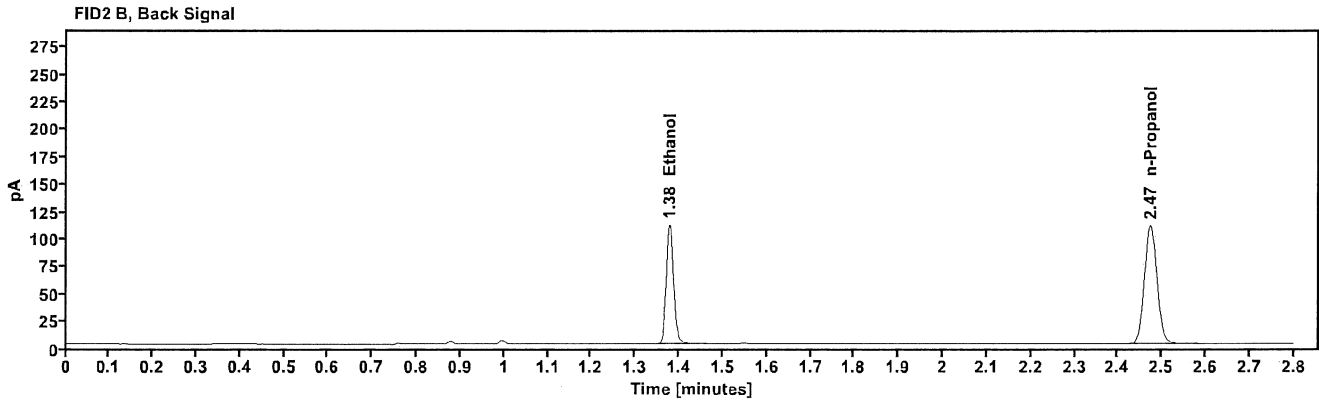
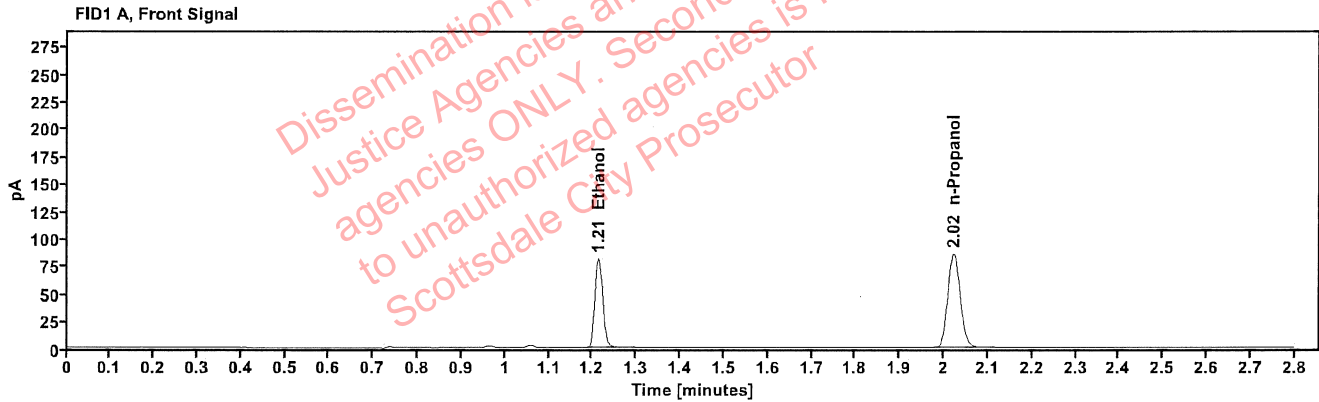


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1707	1.213	103.190
n-Propanol	-----	2.022	170.534

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

Compound	Time (min)	Peak Area
Ethanol	1.377	132.321
n-Propanol	2.474	218.084

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701OP	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 12:37:01 PM
Data file:	C:\Chem32\1\Data\26Jul22\16.D	Analyst:	Abbott

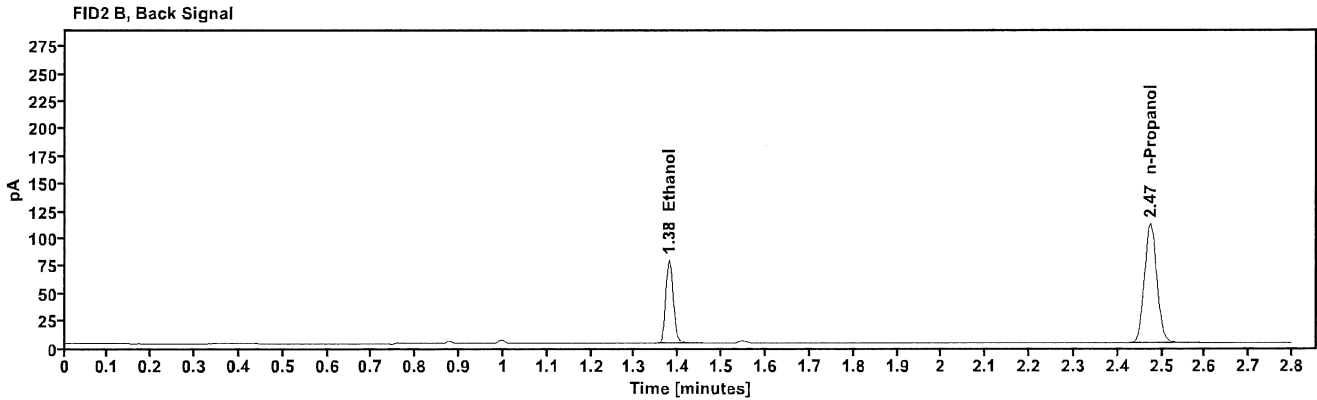
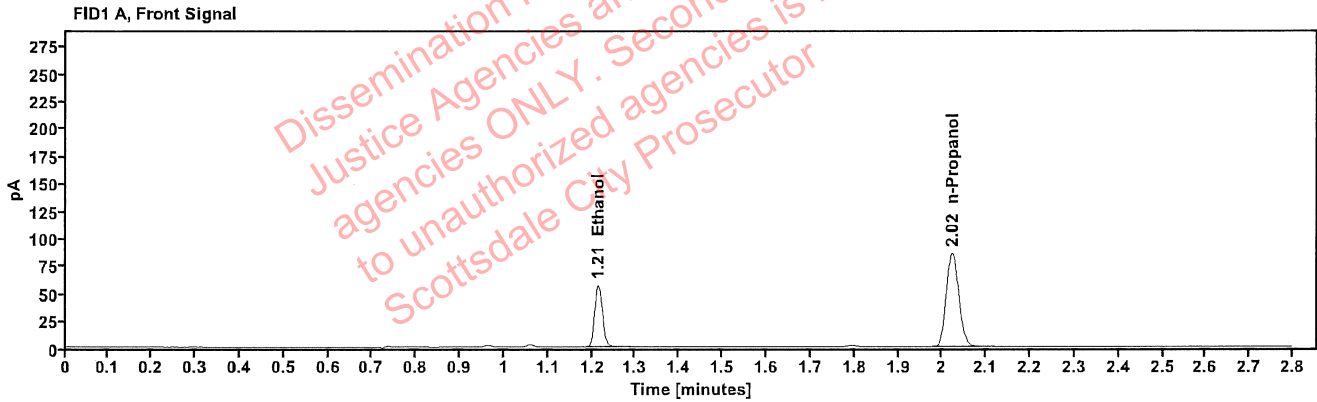


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1195	1.214	72.264
n-Propanol	-----	2.022	171.113

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

Compound	Time (min)	Peak Area
Ethanol	1.378	92.352
n-Propanol	2.474	218.905

[REDACTED]: Abbott, Lori - (27-Jul-2022)

Case: [REDACTED] User: LAbbott 7/27/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701OP	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 12:41:01 PM
Data file:	C:\Chem32\1\Data\26Jul22\17.D	Analyst:	Abbott

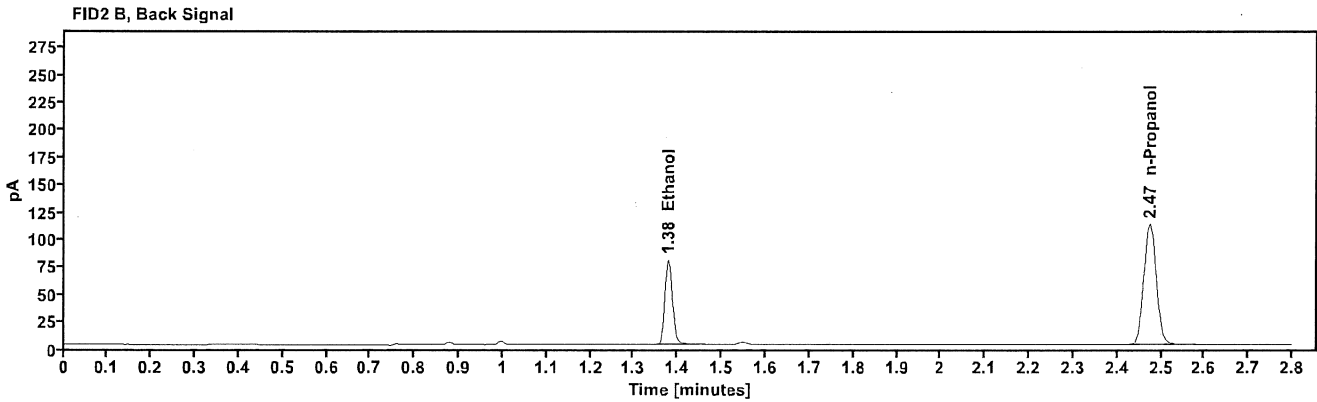
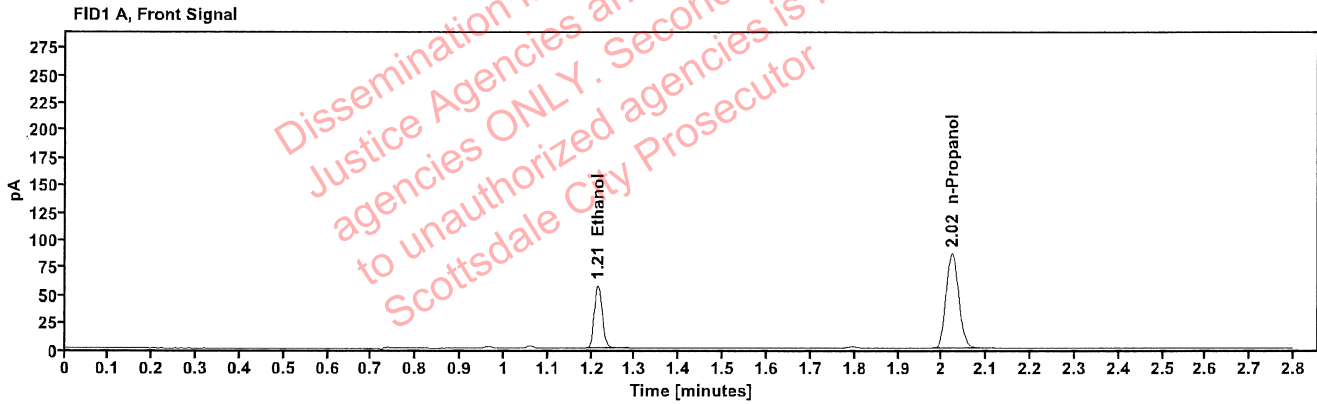


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1197	1.214	73.297
n-Propanol	-----	2.022	173.293

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

Compound	Time (min)	Peak Area
Ethanol	1.378	93.874
n-Propanol	2.474	221.495

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1430520	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 12:45:01 PM
Data file:	C:\Chem32\1\Data\26Jul22\18.D	Analyst:	Abbott

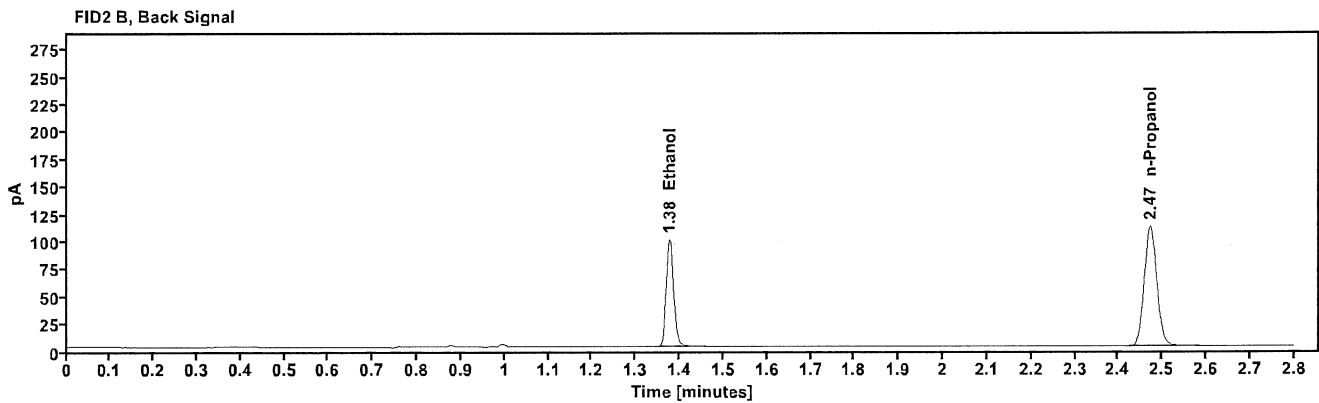
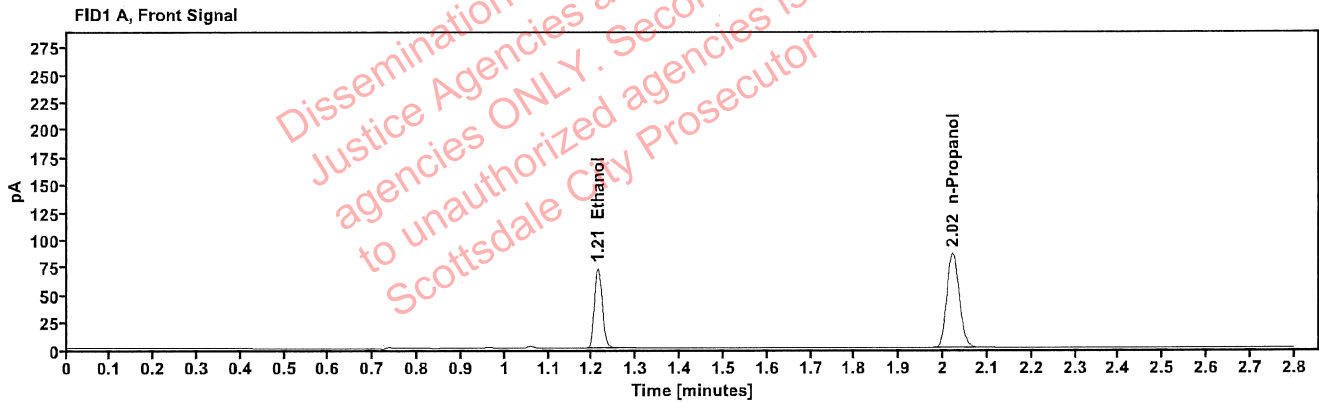


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1521	1.213	92.974
n-Propanol	-----	2.021	172.550

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

Compound	Time (min)	Peak Area
Ethanol	1.376	118.842
n-Propanol	2.473	220.519

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1430520	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 12:49:17 PM
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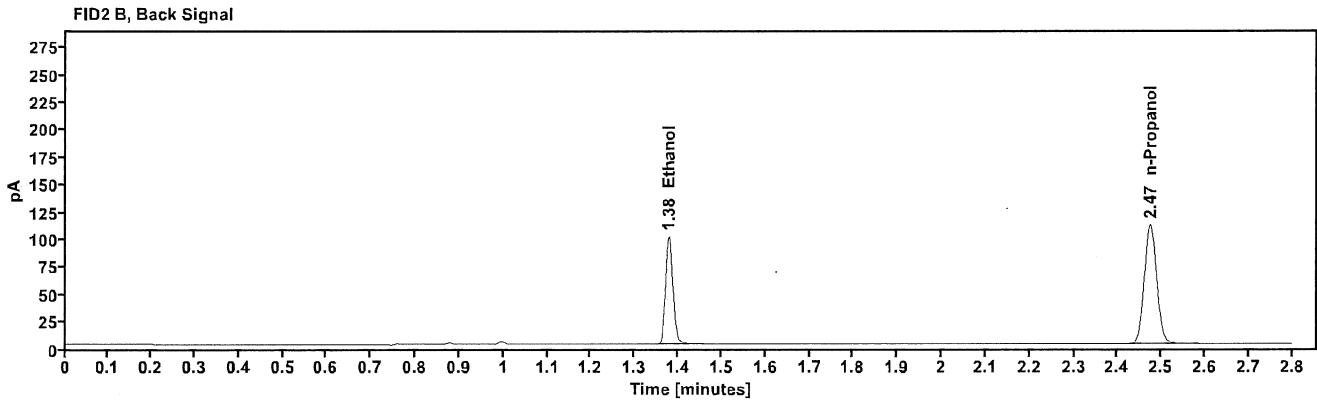
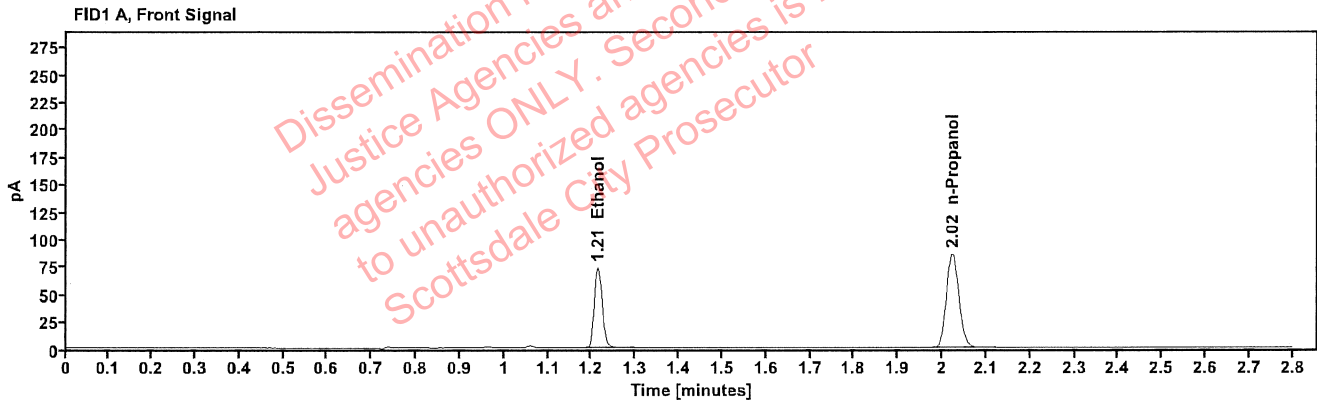


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1540	1.214	93.501
n-Propanol	-----	2.022	171.366

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

Compound	Time (min)	Peak Area
Ethanol	1.378	119.389
n-Propanol	2.474	218.949

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1399538	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 12:57:16 PM
Data file:	C:\Chem32\1\Data\26Jul22\21.D	Analyst:	Abbott

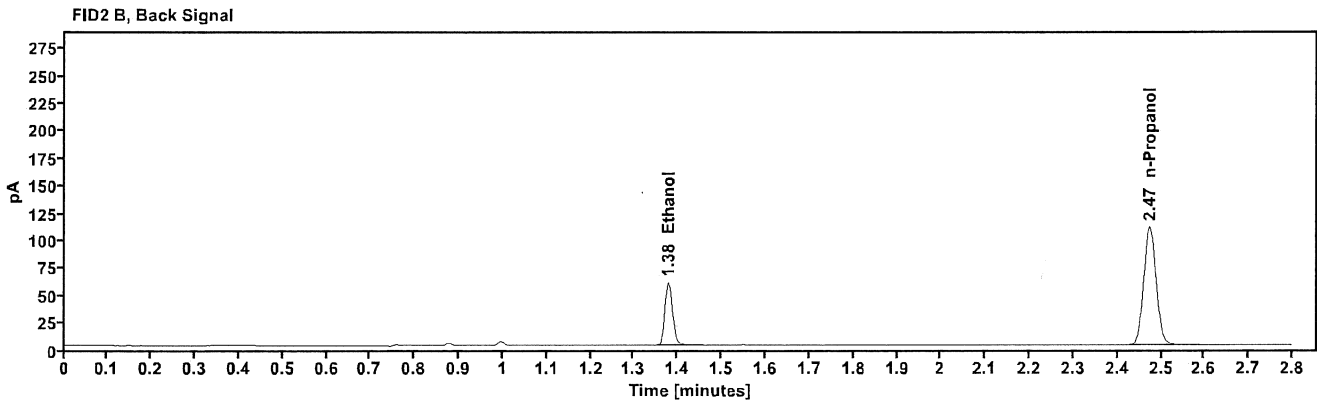
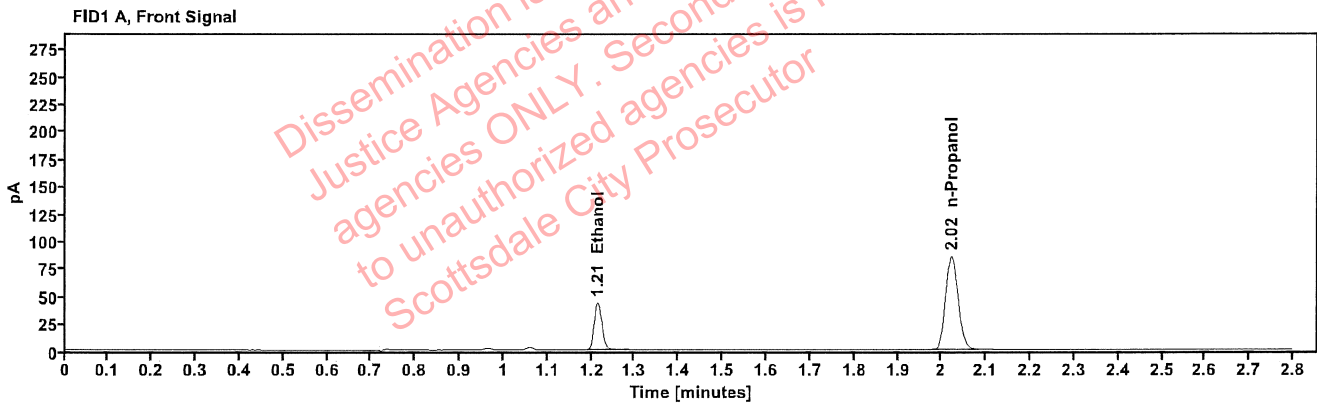


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0917	1.214	54.884
n-Propanol	-----	2.022	169.922

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

Compound	Time (min)	Peak Area
Ethanol	1.378	70.243
n-Propanol	2.474	217.645

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1399538	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 1:01:16 PM
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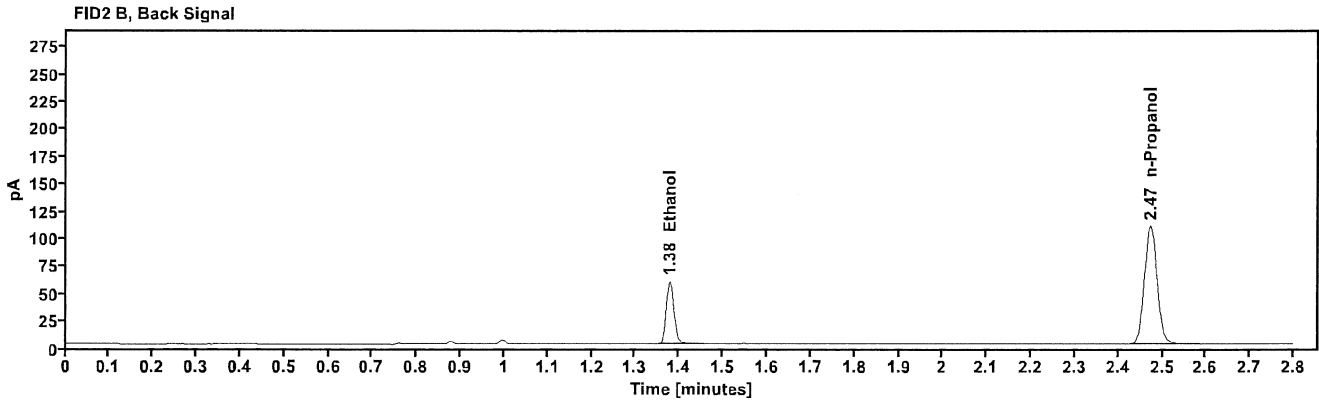
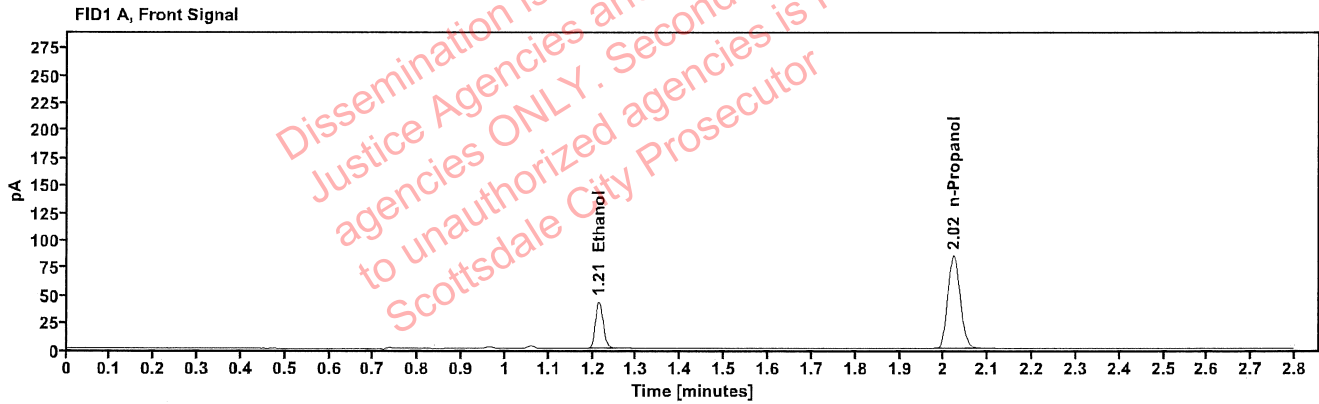


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0916	1.214	54.523
n-Propanol	-----	2.022	169.141

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

Compound	Time (min)	Peak Area
Ethanol	1.378	69.725
n-Propanol	2.473	216.437

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1430306	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 1:05:17 PM
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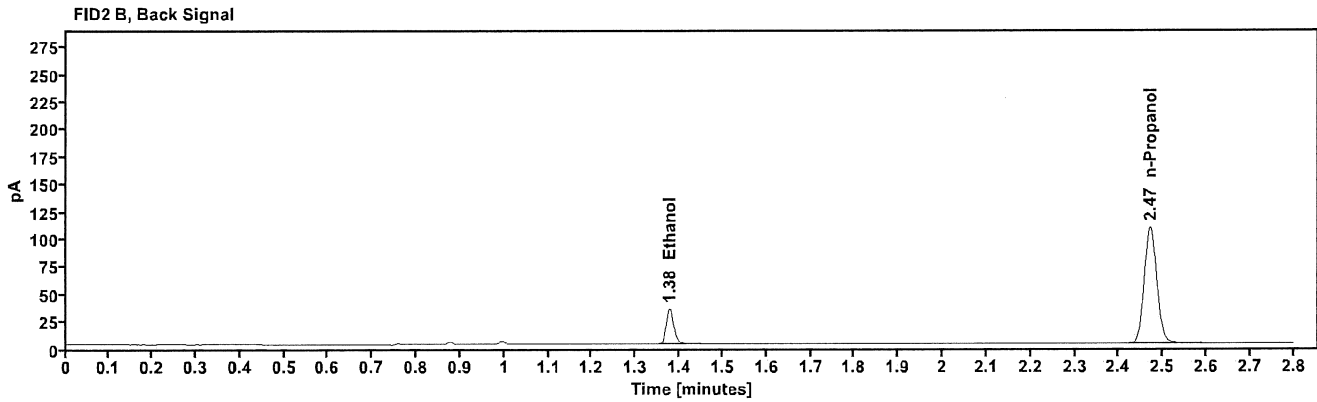
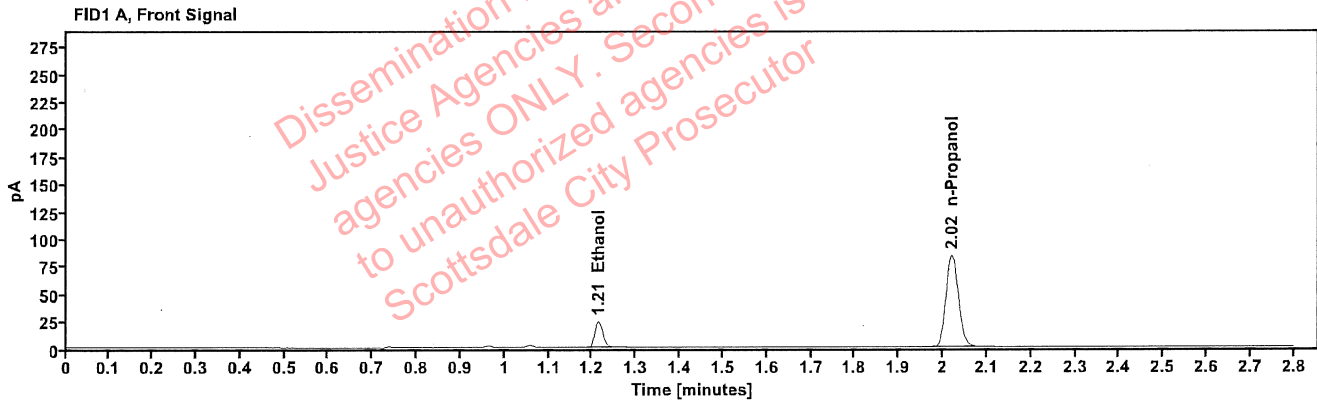


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0529	1.214	30.804
n-Propanol	-----	2.020	167.346

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

Compound	Time (min)	Peak Area
Ethanol	1.377	40.168
n-Propanol	2.471	214.161

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1430306	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 1:09:17 PM
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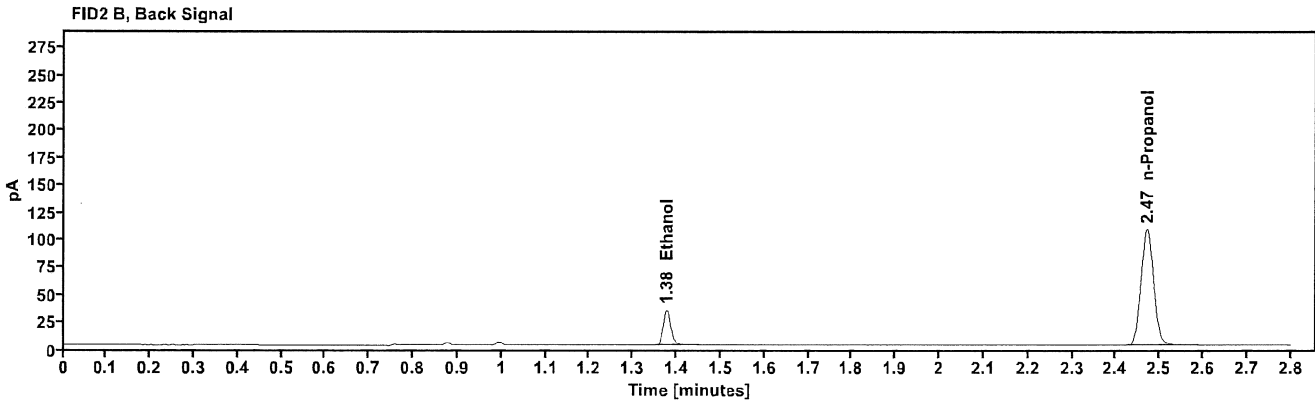
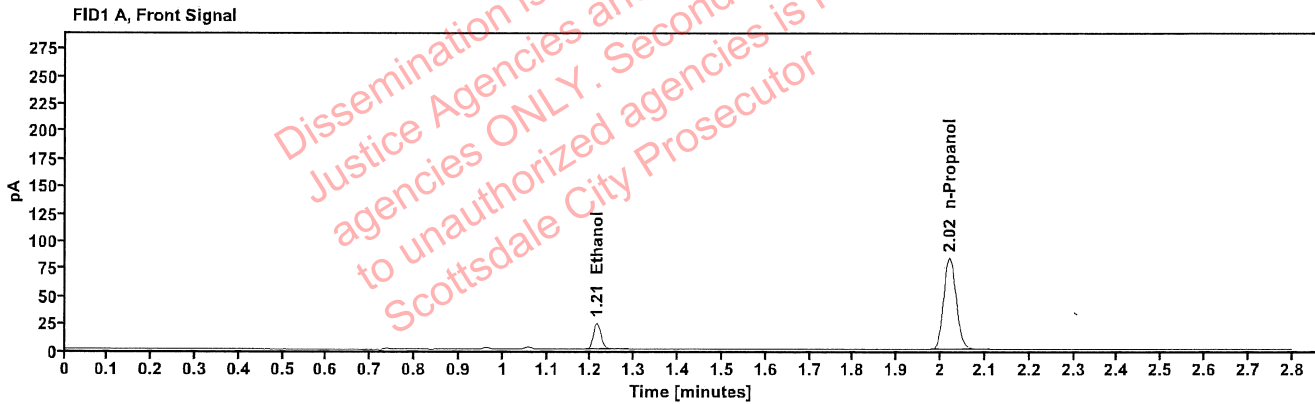


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0532	1.213	30.833
n-Propanol	-----	2.020	166.584

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

Compound	Time (min)	Peak Area
Ethanol	1.377	39.752
n-Propanol	2.471	213.122

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1430886	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 1:13:31 PM
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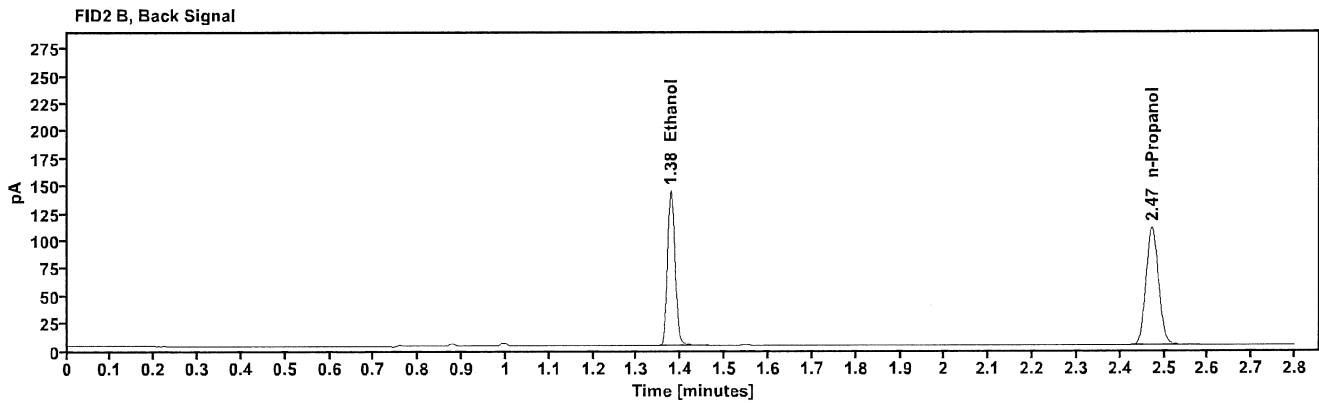
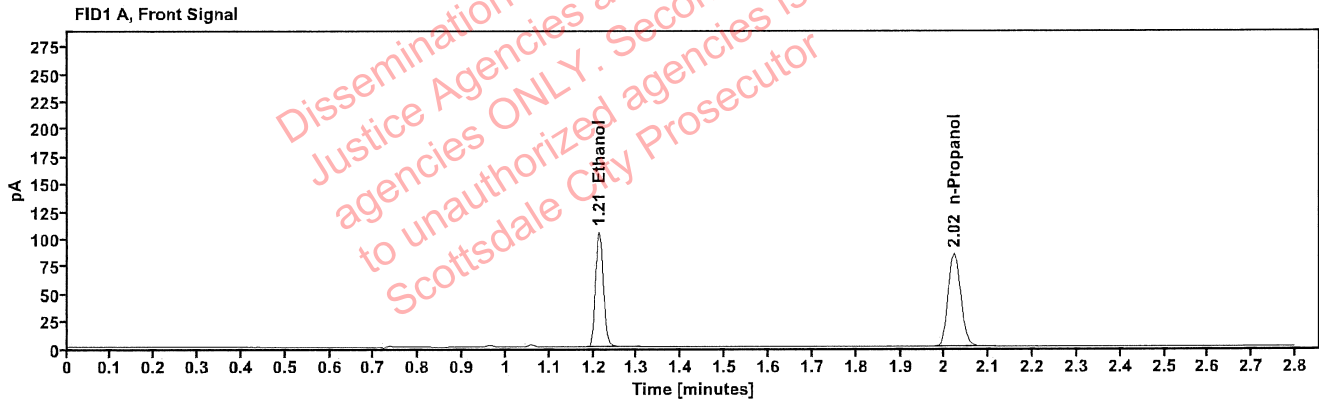


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2224	1.213	133.714
n-Propanol	-----	2.021	169.230

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

Compound	Time (min)	Peak Area
Ethanol	1.377	170.960
n-Propanol	2.473	216.059

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1430886	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 1:17:31 PM
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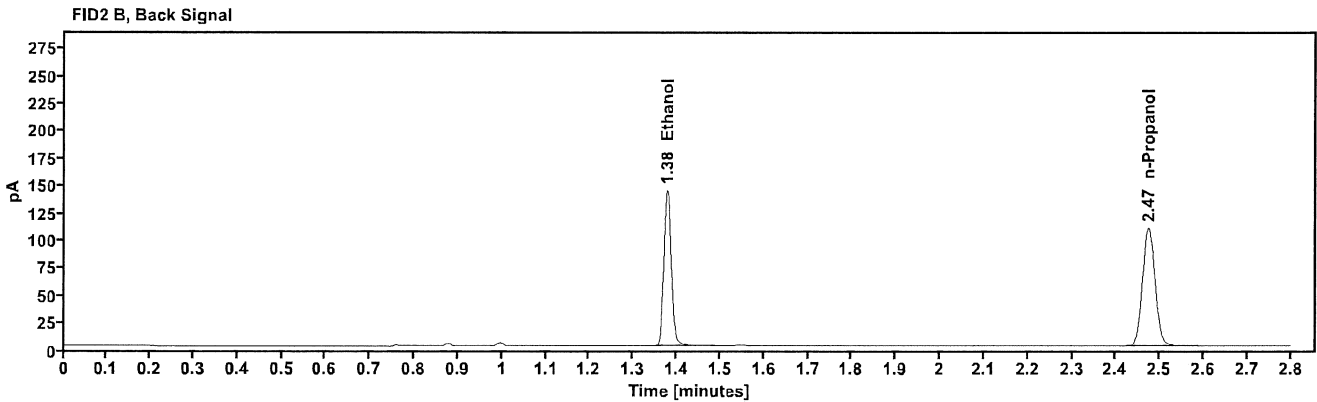
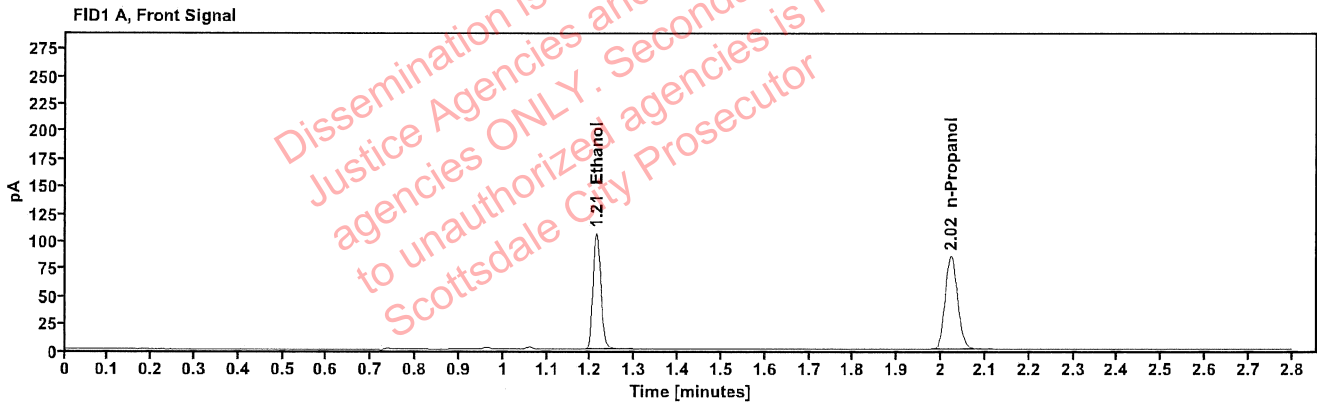


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2230	1.213	134.461
n-Propanol	-----	2.022	169.732

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

Compound	Time (min)	Peak Area
Ethanol	1.377	172.889
n-Propanol	2.474	216.829

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1431060	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 1:21:32 PM
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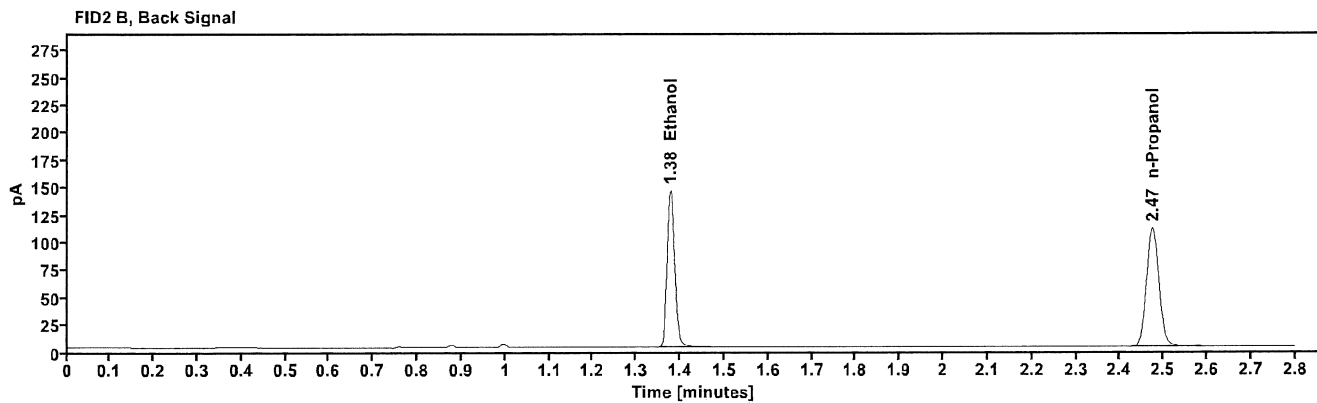
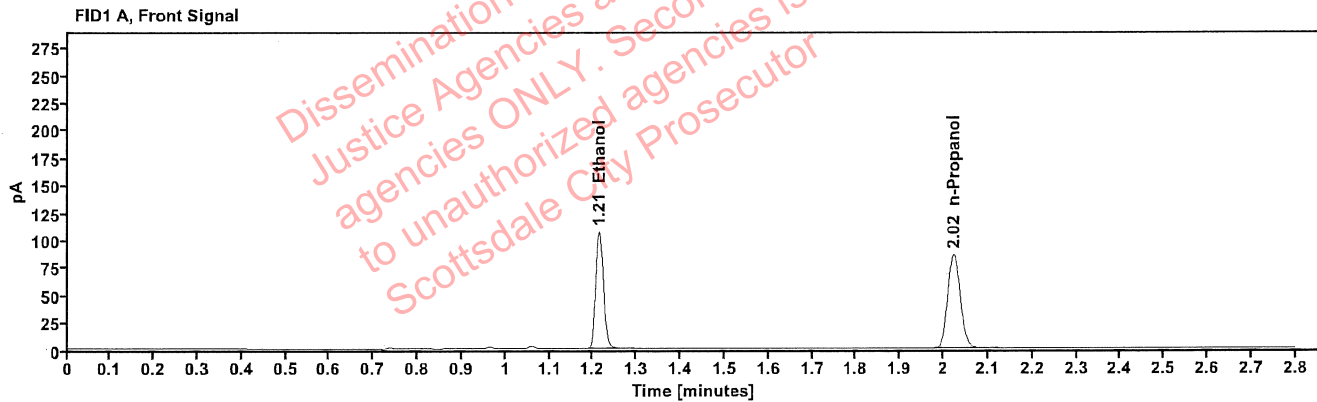


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2231	1.214	135.446
n-Propanol	-----	2.023	170.931

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

Compound	Time (min)	Peak Area
Ethanol	1.378	173.998
n-Propanol	2.474	218.204

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1431060	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 1:25:31 PM
Data file:	C:\Chem32\1\Data\26Jul22\28.D	Analyst:	Abbott

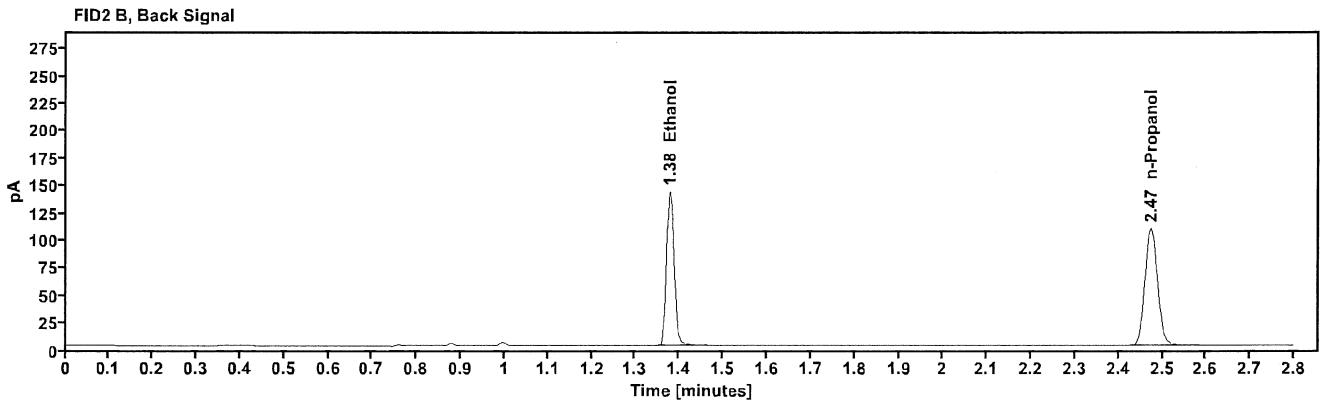
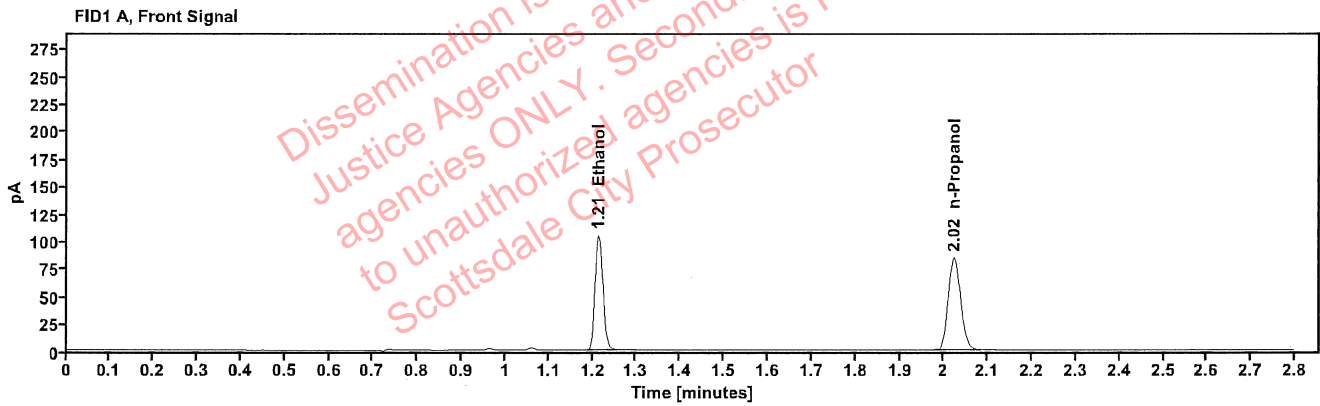


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2229	1.214	133.117
n-Propanol	-----	2.023	168.167

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

Compound	Time (min)	Peak Area
Ethanol	1.378	170.756
n-Propanol	2.475	214.792

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1431047	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 1:29:31 PM
Data file:	C:\Chem32\1\Data\26Jul22\29.D	Analyst:	Abbott

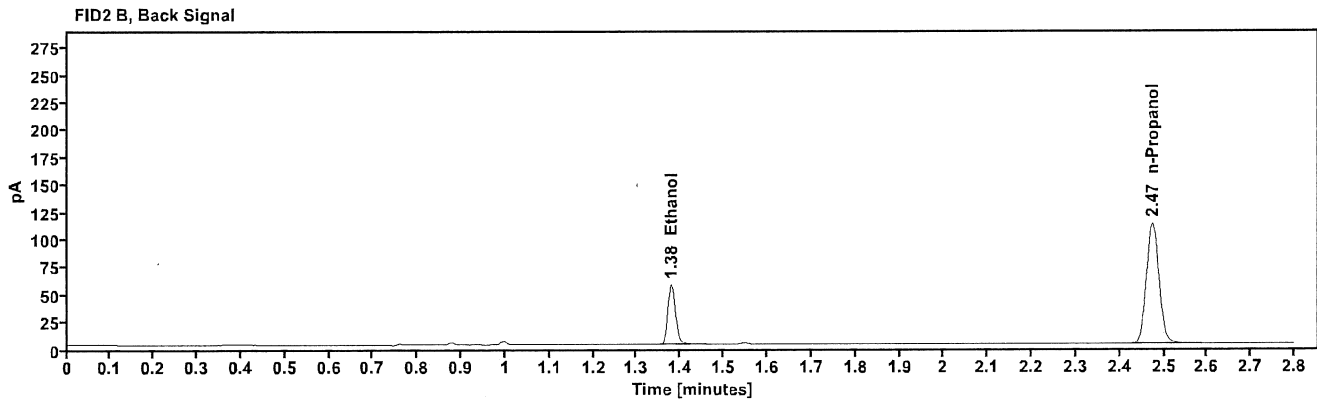
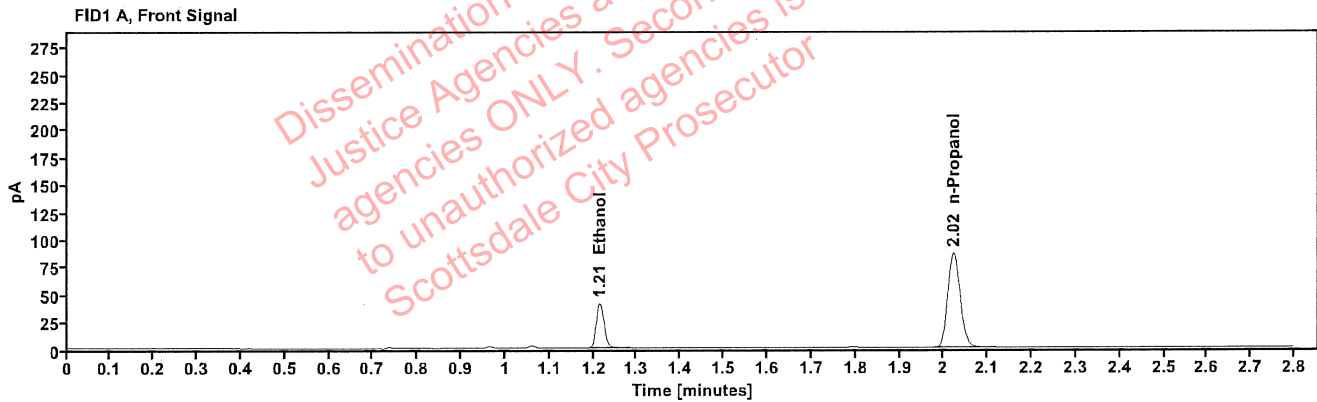


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0860	1.214	52.207
n-Propanol	-----	2.022	172.529

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

Compound	Time (min)	Peak Area
Ethanol	1.378	66.789
n-Propanol	2.474	220.643

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1431047	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 1:33:32 PM
Data file:	C:\Chem32\1\Data\26Jul22\30.D	Analyst:	Abbott

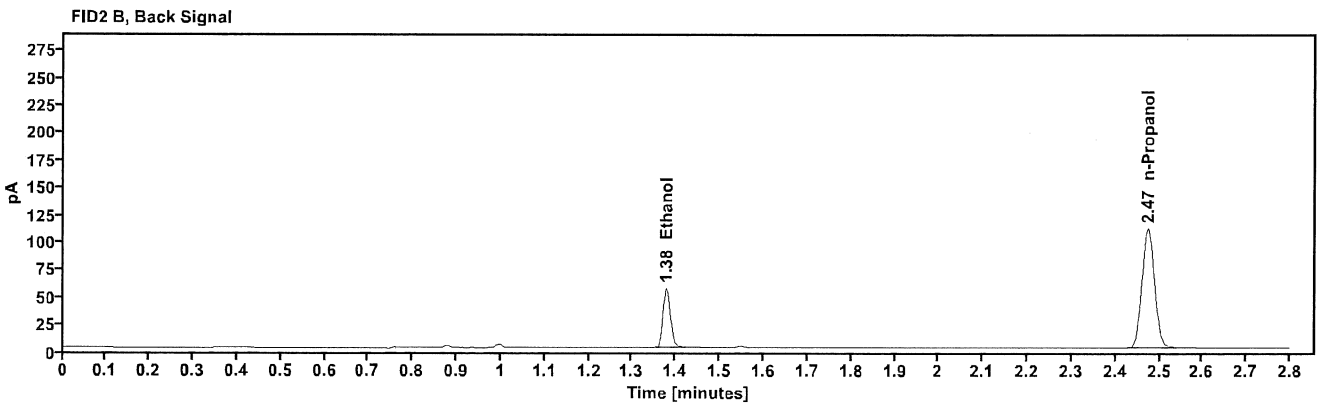
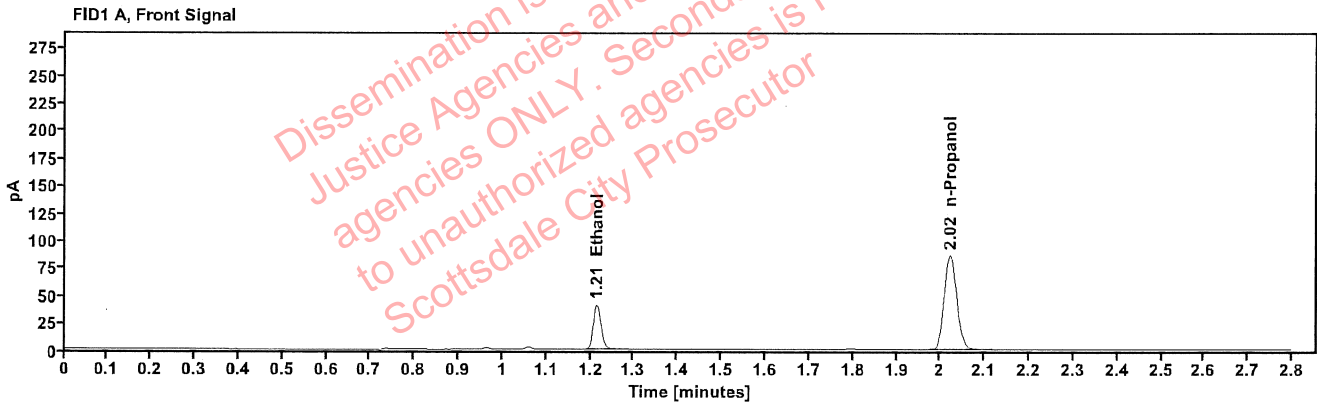


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0856	1.214	51.647
n-Propanol	-----	2.022	171.519

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

Compound	Time (min)	Peak Area
Ethanol	1.378	66.021
n-Propanol	2.474	219.337

[REDACTED]: Abbott, Lori - (27-Jul-2022)

Case [REDACTED] User: LAbbott 7/27/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1431160	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 1:41:47 PM
Data file:	C:\Chem32\1\Data\26Jul22\32.D	Analyst:	Abbott

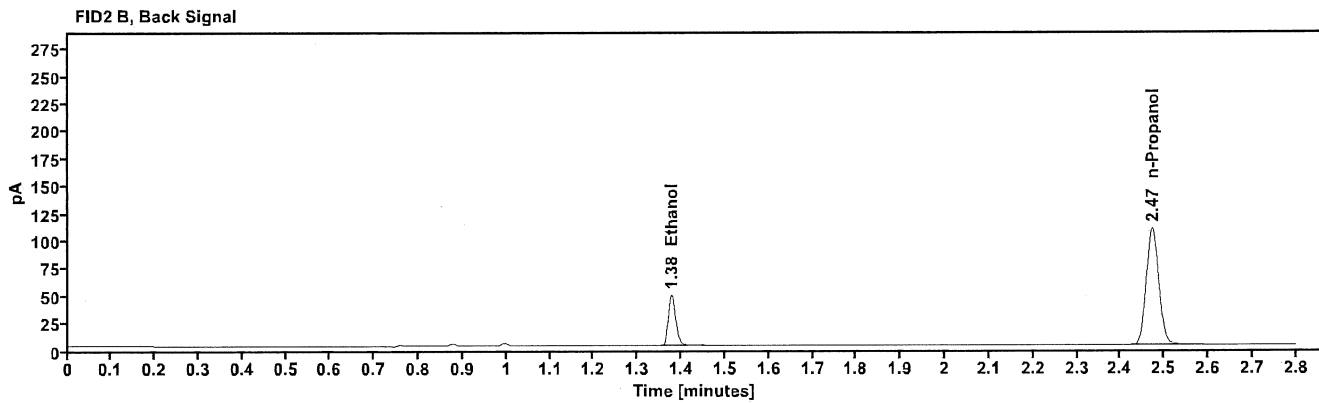
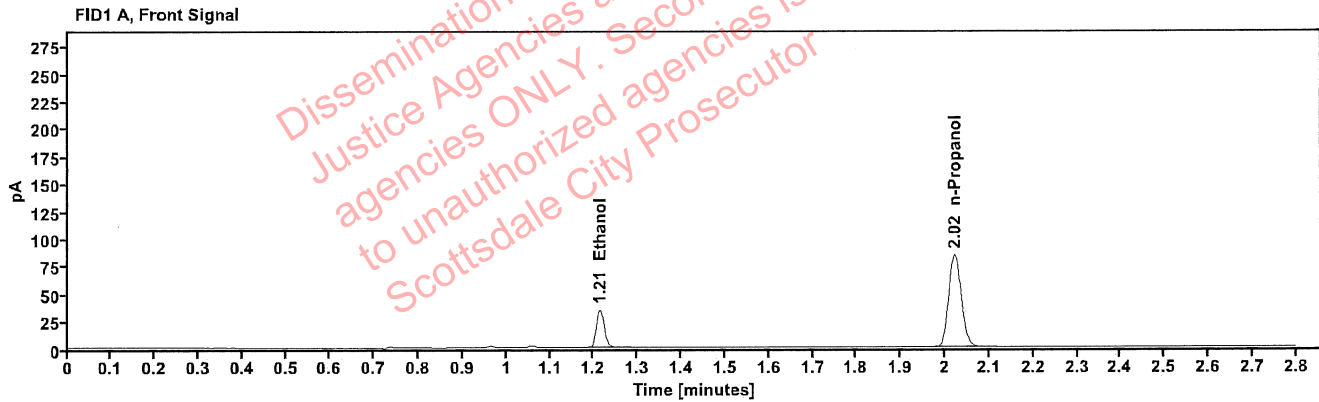


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0753	1.214	44.425
n-Propanol	-----	2.021	168.050

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

Compound	Time (min)	Peak Area
Ethanol	1.377	56.620
n-Propanol	2.473	215.099

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1431160	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 1:45:47 PM
Data file:	C:\Chem32\1\Data\26Jul22\33.D	Analyst:	Abbott

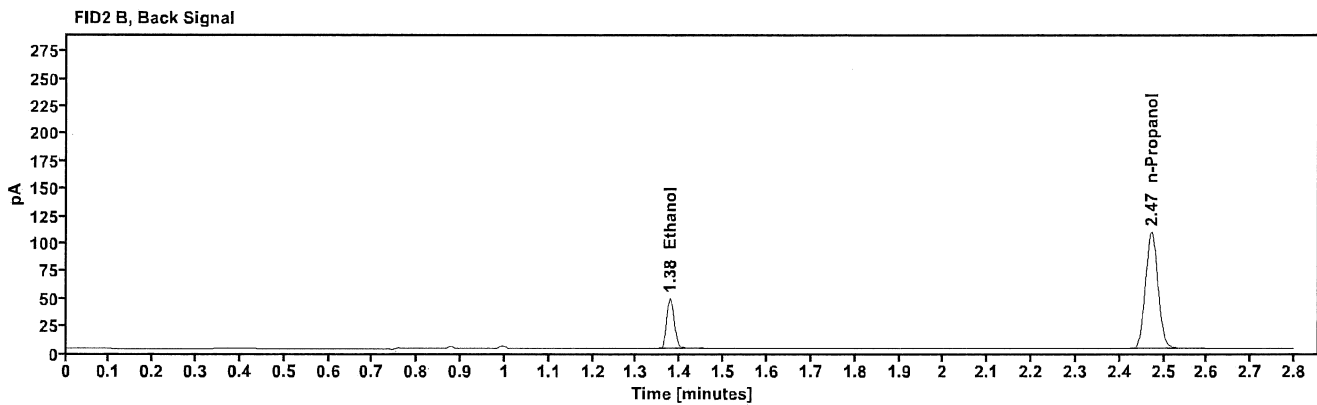
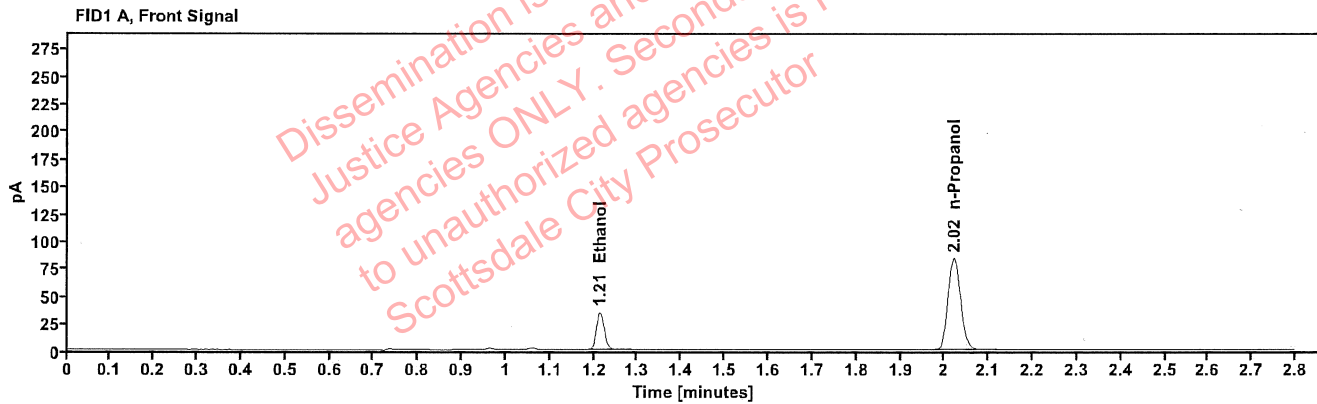


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0748	1.213	43.906
n-Propanol	-----	2.021	167.379

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

Compound	Time (min)	Peak Area
Ethanol	1.377	56.072
n-Propanol	2.472	214.378

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1431210	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 1:49:47 PM
Data file:	C:\Chem32\1\Data\26Jul22\34.D	Analyst:	Abbott

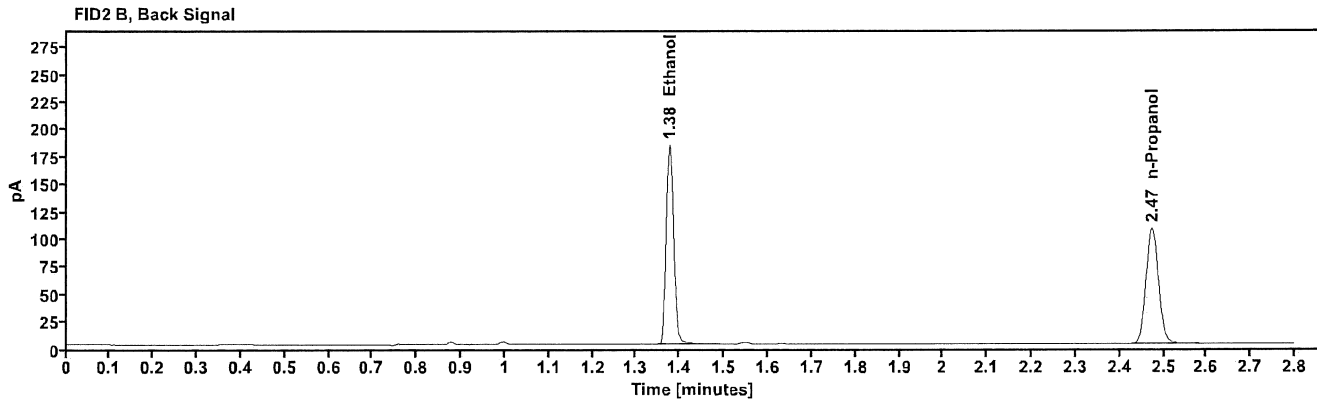
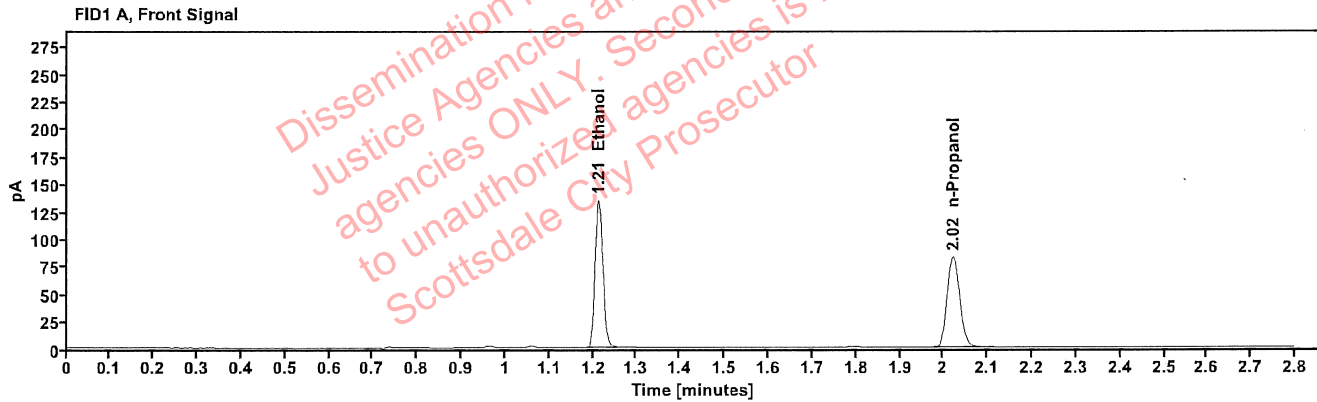


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2903	1.213	170.942
n-Propanol	-----	2.022	165.532

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

Compound	Time (min)	Peak Area
Ethanol	1.377	221.100
n-Propanol	2.473	211.728

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1431210	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 1:53:47 PM
Data file:	C:\Chem32\1\Data\26Jul22\35.D	Analyst:	Abbott

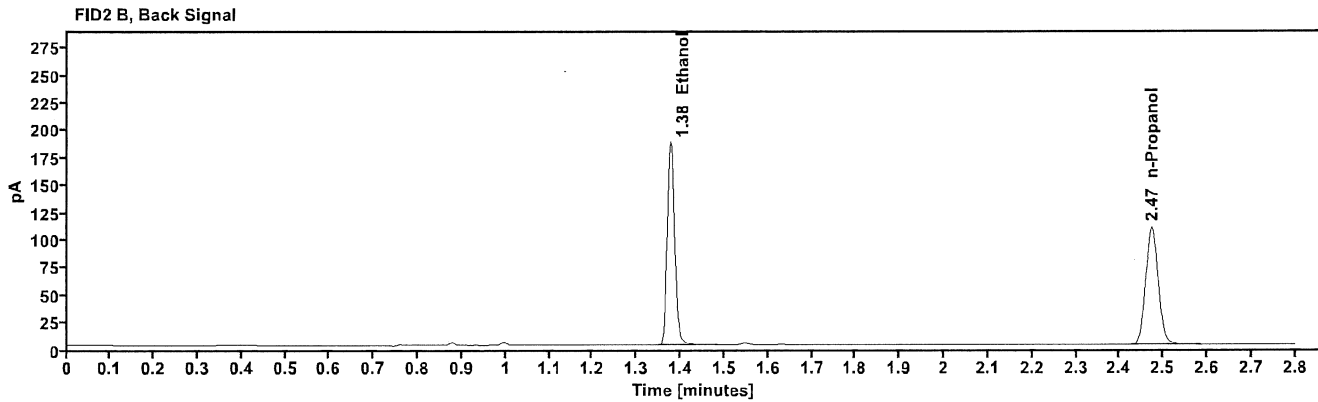
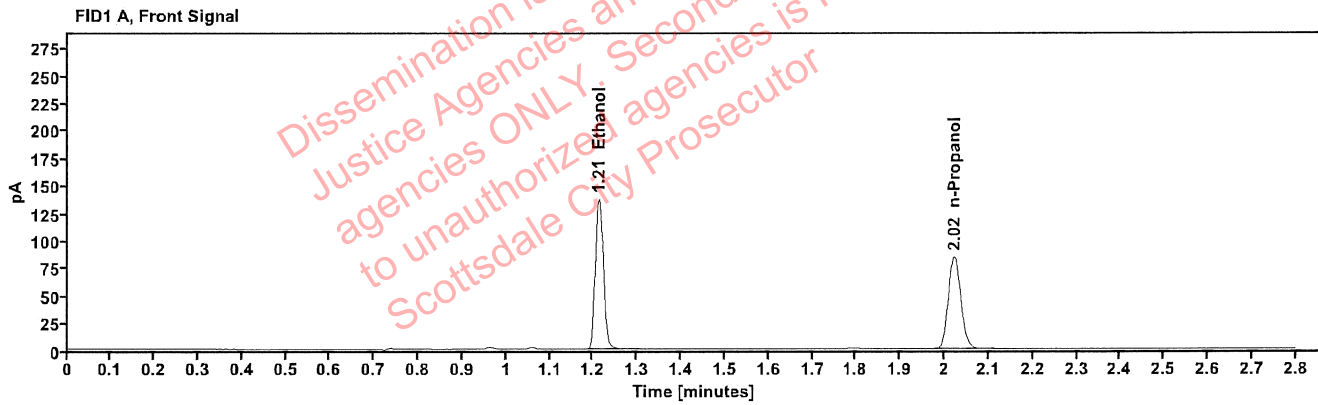


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2914	1.213	174.357
n-Propanol	-----	2.022	168.199

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

Compound	Time (min)	Peak Area
Ethanol	1.377	225.107
n-Propanol	2.473	215.085

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1431219	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 1:57:47 PM
Data file:	C:\Chem32\1\Data\26Jul22\36.D	Analyst:	Abbott

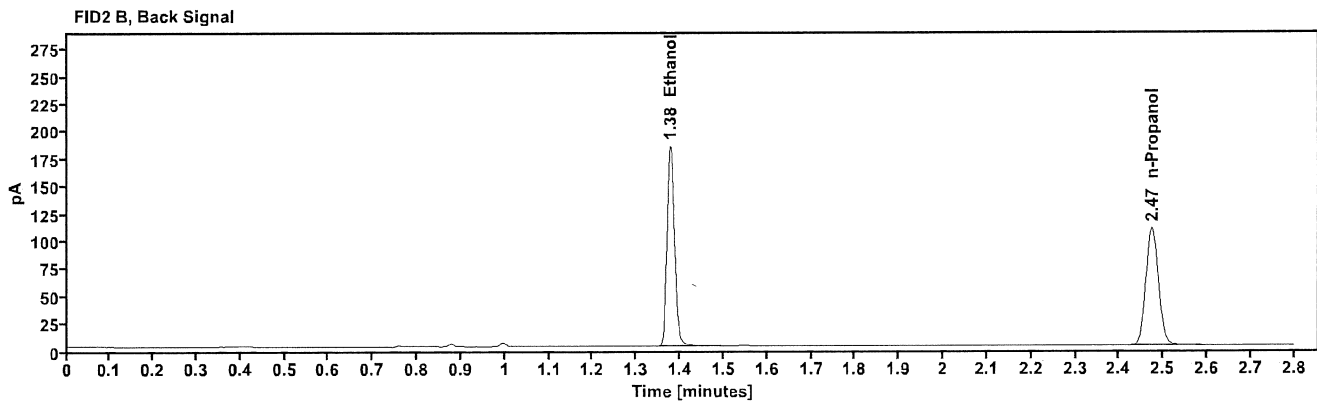
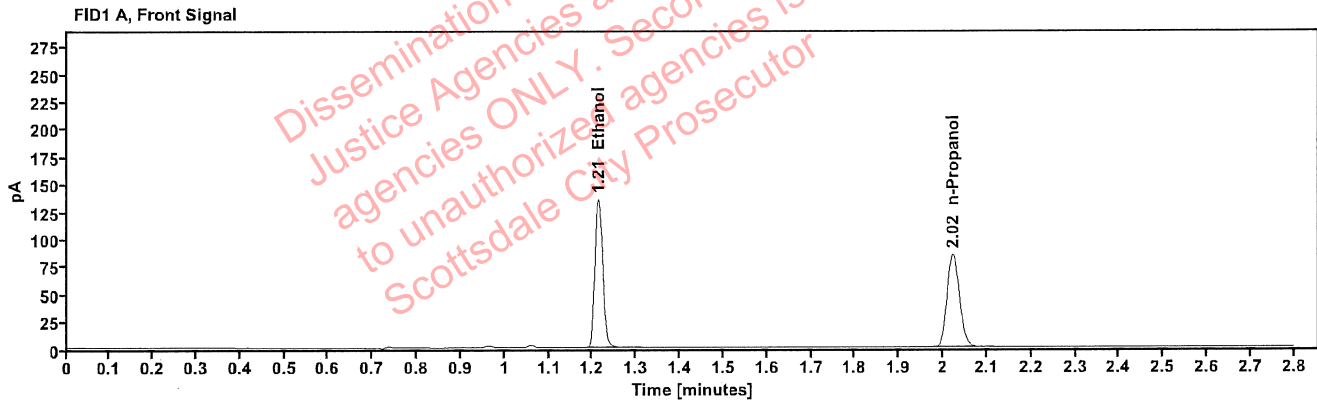


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2872	1.213	172.387
n-Propanol	-----	2.022	168.735

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

Compound	Time (min)	Peak Area
Ethanol	1.377	221.424
n-Propanol	2.474	215.622

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1431219	Vial: 37
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 26Jul22
Instrument: US14173023 CN14160045	Injection date: 7/26/2022 2:02:02 PM
Data file: C:\Chem32\1\Data\26Jul22\37.D	Analyst: Abbott

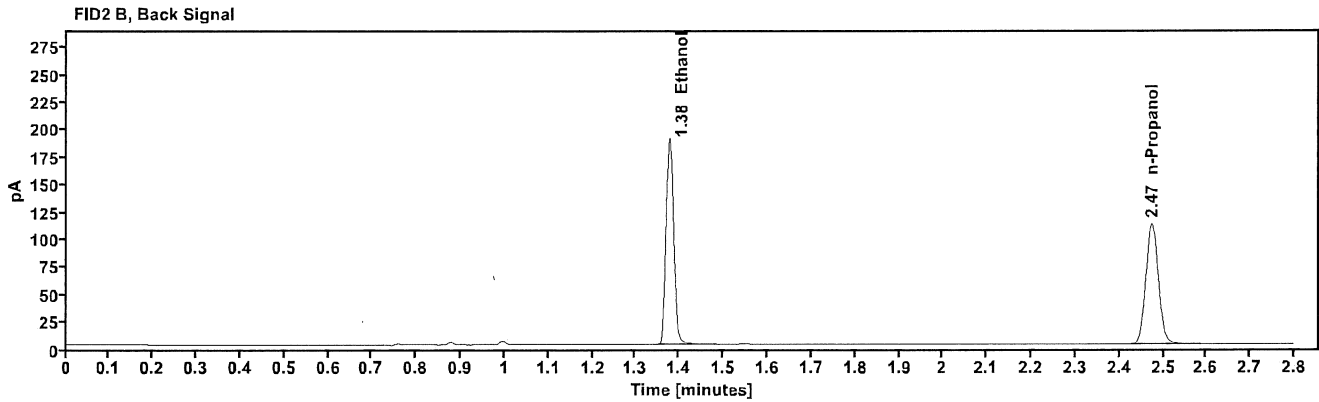
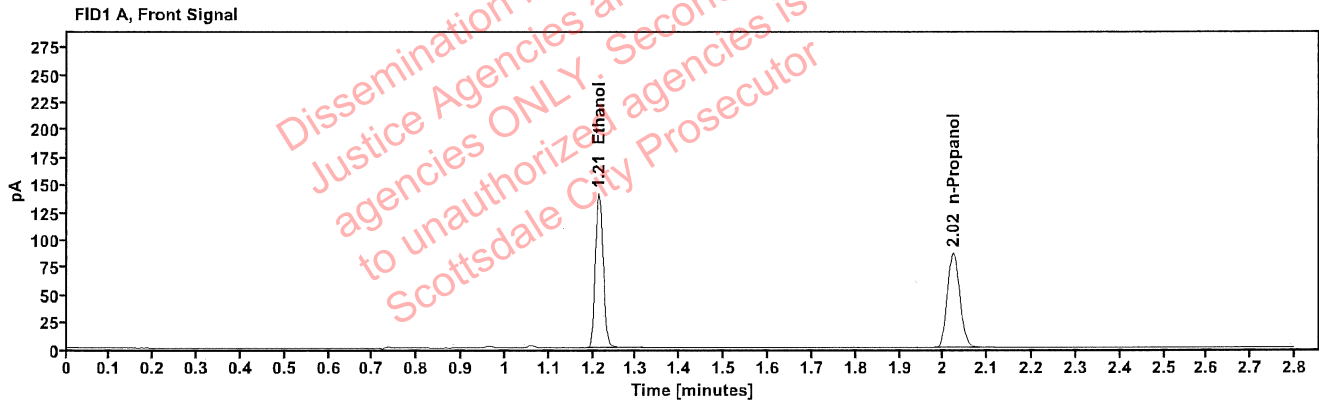


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2910	1.213	178.891
n-Propanol	-----	2.022	172.833

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

Compound	Time (min)	Peak Area
Ethanol	1.377	229.343
n-Propanol	2.474	220.758

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1431506	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 2:06:01 PM
Data file:	C:\Chem32\1\Data\26Jul22\38.D	Analyst:	Abbott

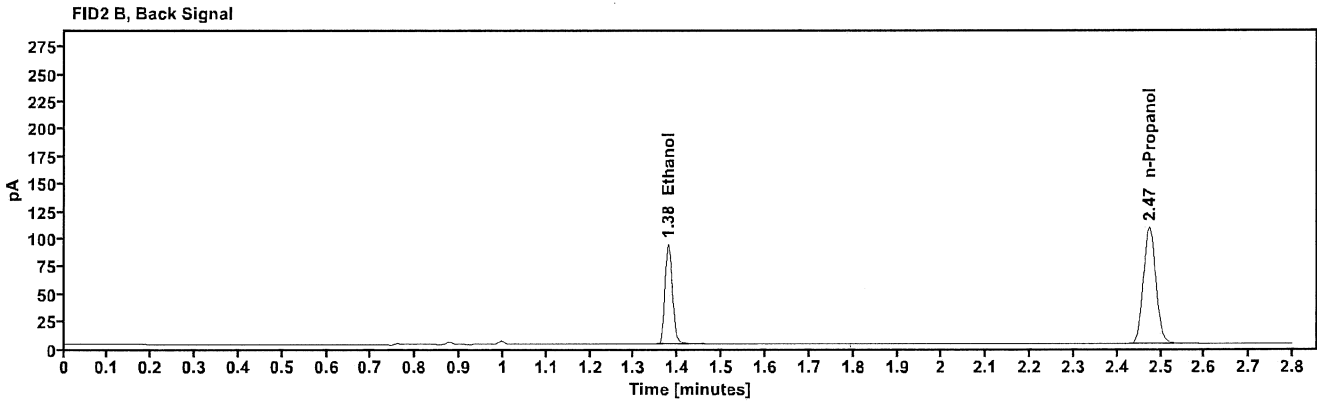
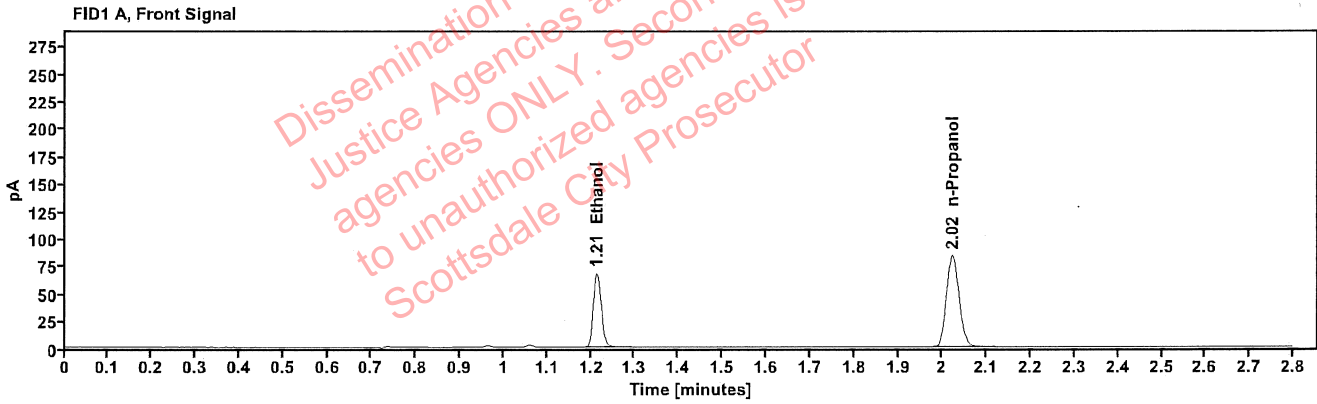


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1457	1.214	86.459
n-Propanol	-----	2.022	167.610

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

Compound	Time (min)	Peak Area
Ethanol	1.378	110.751
n-Propanol	2.474	214.233

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1431506	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 2:10:01 PM
Data file:	C:\Chem32\1\Data\26Jul22\39.D	Analyst:	Abbott

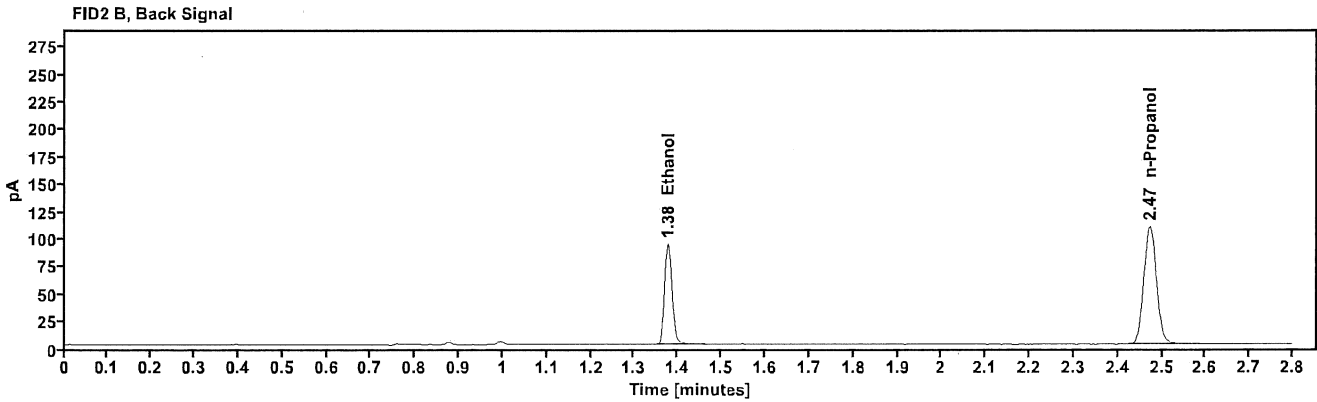
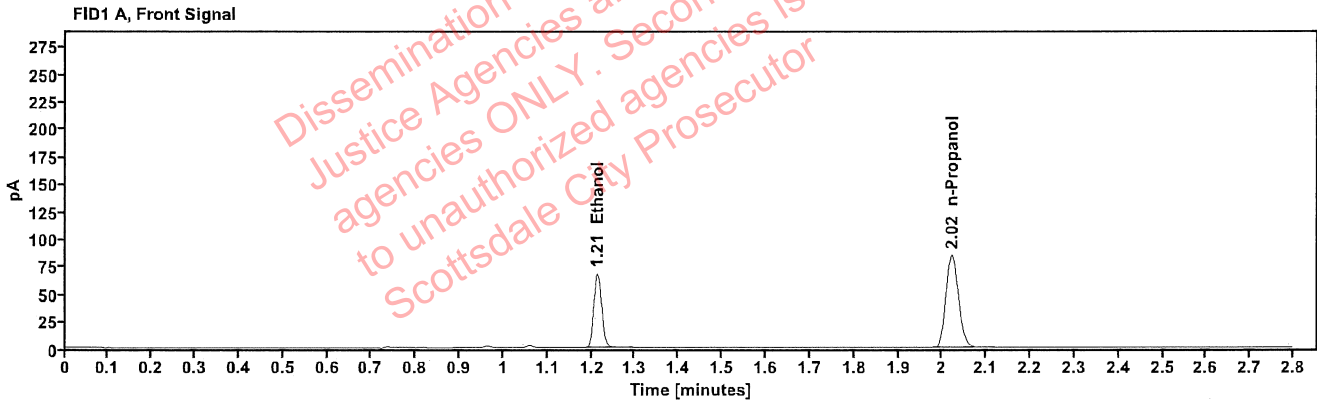


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1451	1.213	86.820
n-Propanol	-----	2.022	168.960

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

Compound	Time (min)	Peak Area
Ethanol	1.377	111.137
n-Propanol	2.473	216.035

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1405441	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 2:14:01 PM
Data file:	C:\Chem32\1\Data\26Jul22\40.D	Analyst:	Abbott

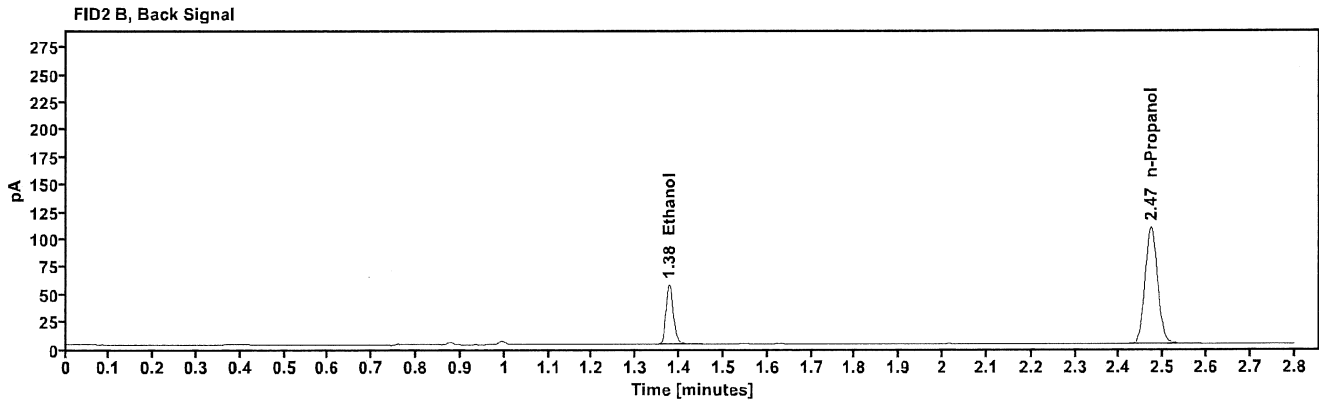
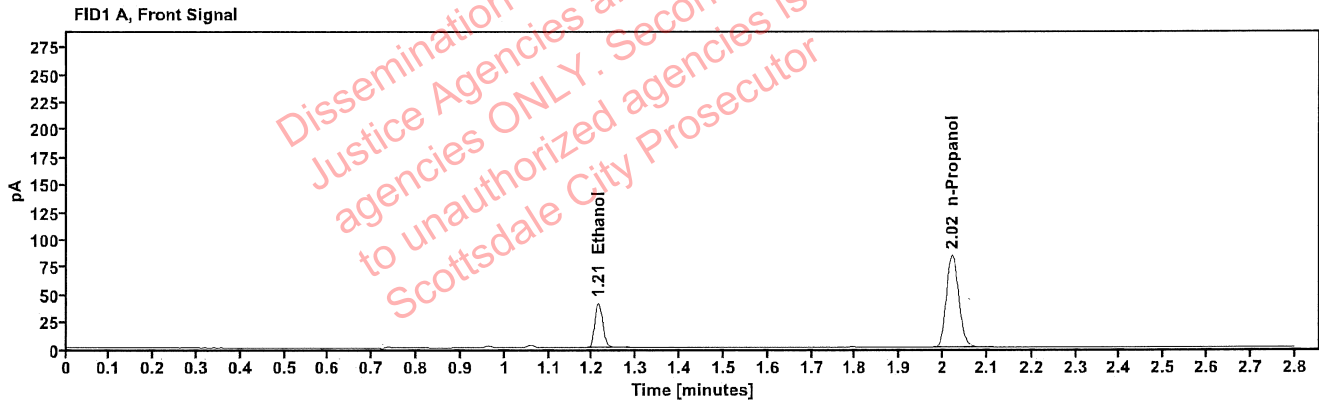


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0884	1.213	52.301
n-Propanol	-----	2.021	168.075

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

Compound	Time (min)	Peak Area
Ethanol	1.376	66.842
n-Propanol	2.472	215.738

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1405441	Vial:	41
Description:	[Redacted]	LIMS ID:	[Redacted]
Method:	ethanol quant.M	Sequence:	26Jul22
Instrument:	US14173023 CN14160045	Injection date:	7/26/2022 2:18:02 PM
Data file:	C:\Chem32\1\Data\26Jul22\41.D	Analyst:	Abbott

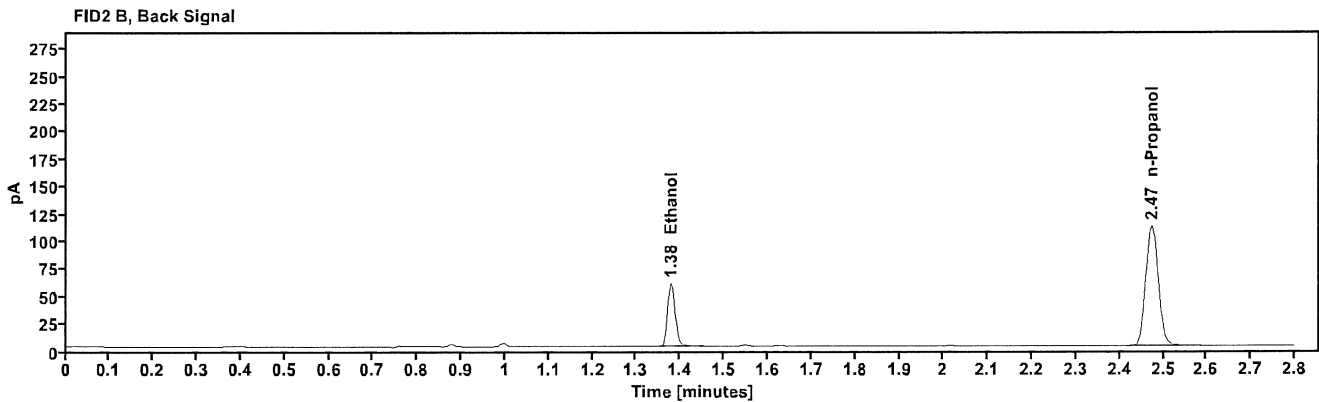
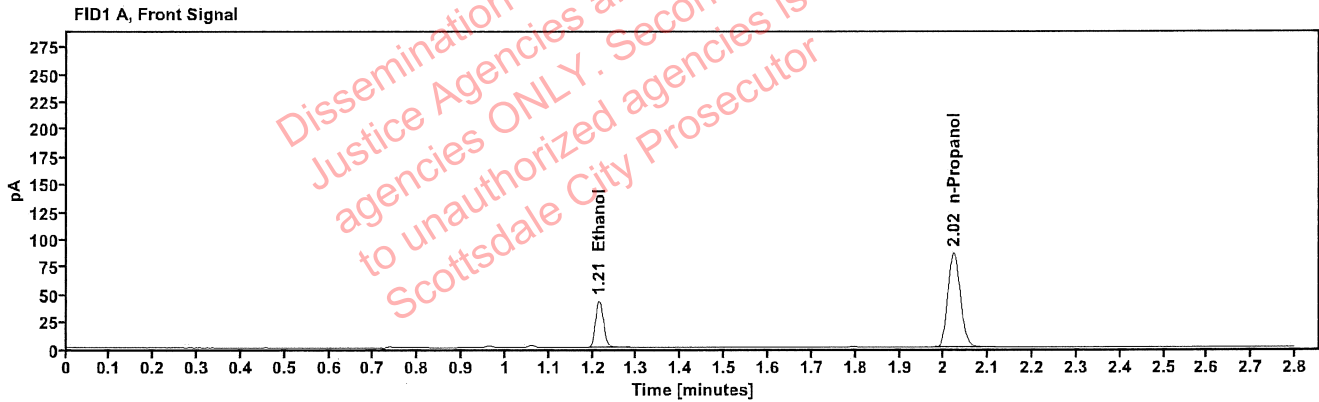


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0903	1.214	54.858
n-Propanol	-----	2.022	172.515

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

Compound	Time (min)	Peak Area
Ethanol	1.378	70.178
n-Propanol	2.474	221.365