

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 06/18/2024

SEQUENCE NAME 18Jun24

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600EA20851
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN03072301 0.99996
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 050624WB
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	0.205 g/dL	ACQ 4110320133/11
20	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 25052023-A
31	Blood control	0.100 g/dL	0.101 g/dL	Lipomed 25052023-A
42	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 30012020-A
43	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 14082019-B
44	Aqueous control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/11
45	Blank	Not detected	Not detected	SPD lab 032824AQ

SUBJECT SAMPLES

Subjects in the sequence 14 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. This run includes the verification of one reference standard.

Run valid Run invalid
 Analyst Erika Canonica
 Run valid Run invalid
 Technical Reviewer AW Abbott

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

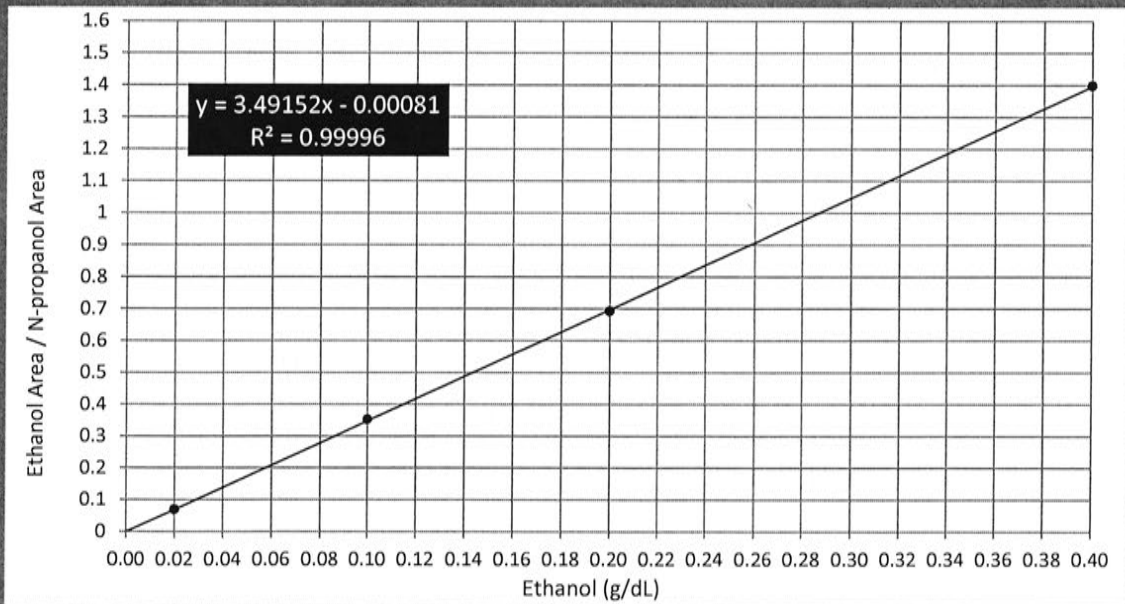
SEQUENCE NAME: 18Jun24

ANALYST: Canonico EL

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 050624WB	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 4110320133/11	9	0.205	0.199	3.02	0.006
0.100 25052023-A	20	0.101	0.100	1.00	0.001
0.100 25052023-A	31	0.101	0.100	1.00	0.001
0.40030012020-A	42	0.400	0.400	0.00	0.000
0.040 14082019-B	43	0.039	0.040	2.50	-0.001
0.199 4110320133/11	44	0.204	0.199	2.51	0.005
blank 032824AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.105	175.152	0.069
0.100	62.128	176.755	0.351
0.200	118.530	171.141	0.693
0.400	241.658	172.927	1.397

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03122113	Vial: 1
Description: 0.020 calibrator	Sequence: 18Jun24
Method: ethanol quant.M	Injection date: 6/18/2024 10:25:13 AM
Instrument: US14173023 CN14160045	Analyst: Canonico EL
Data file: C:\Chem32\1\Data\18Jun24\1.D	

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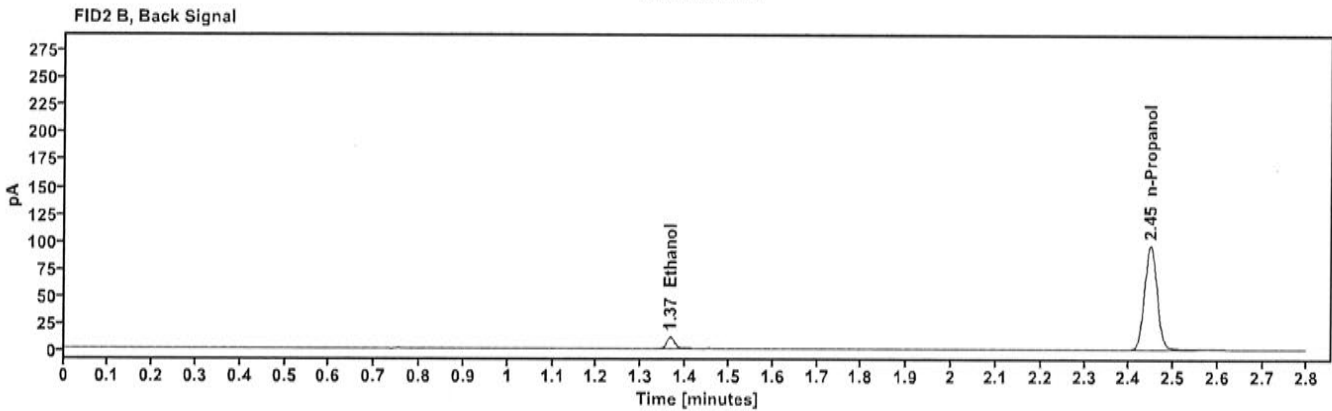
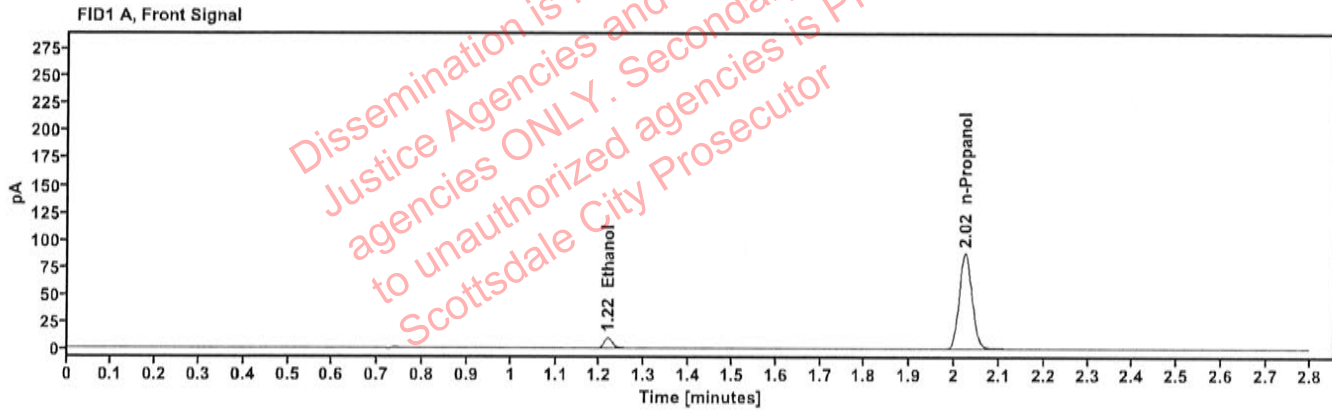


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	12.105
n-Propanol	2.024	175.152

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

Compound	Time (min)	Peak Area
Ethanol	1.366	13.228
n-Propanol	2.447	190.668

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03072301	Vial:	2
Description:	0.100 calibrator	Sequence:	18Jun24
Method:	ethanol quant.M	Injection date:	6/18/2024 10:29:14 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ee
Data file:	C:\Chem32\1\Data\18Jun24\2.D		

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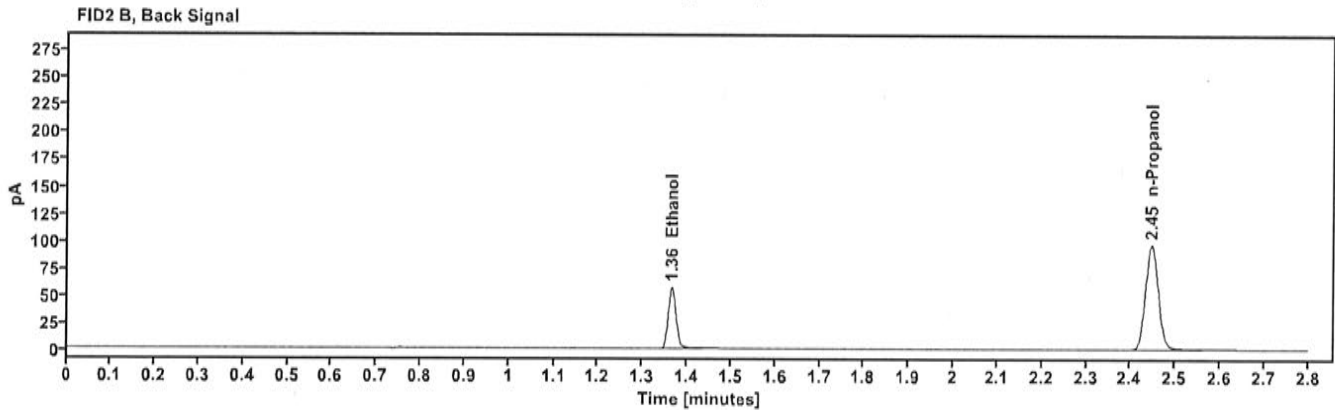
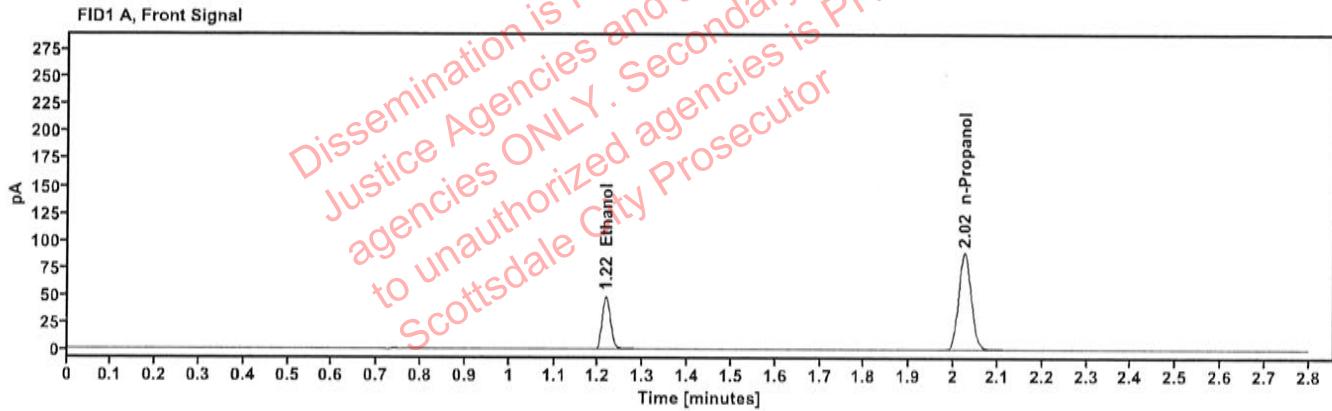


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.216	62.128
n-Propanol	2.024	176.755

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

Compound	Time (min)	Peak Area
Ethanol	1.365	68.010
n-Propanol	2.447	192.119

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03132302	Vial:	3
Description:	0.200 calibrator	Sequence:	18Jun24
Method:	ethanol quant.M	Injection date:	6/18/2024 10:33:13 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ee
Data file:	C:\Chem32\1\Data\18Jun24\3.D		

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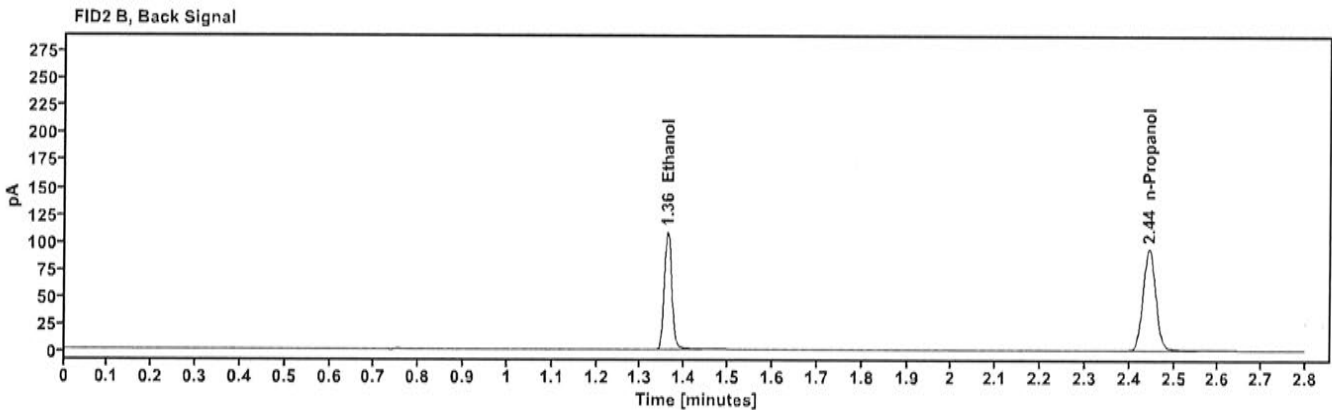
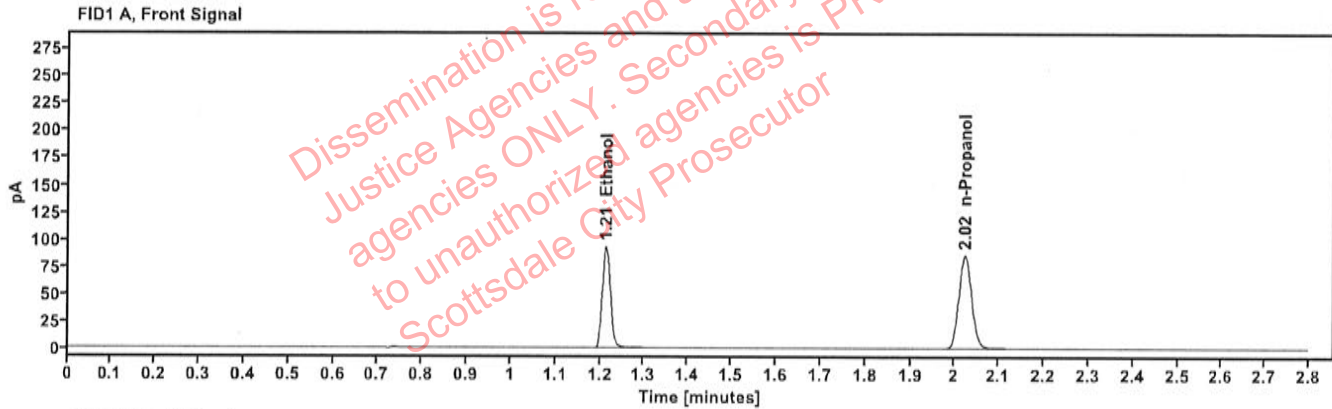


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	118.530
n-Propanol	2.022	171.141

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

Compound	Time (min)	Peak Area
Ethanol	1.361	129.894
n-Propanol	2.444	185.853

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 18Jun24
Method: ethanol quant.M	Injection date: 6/18/2024 10:37:14 AM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\18Jun24\4.D	

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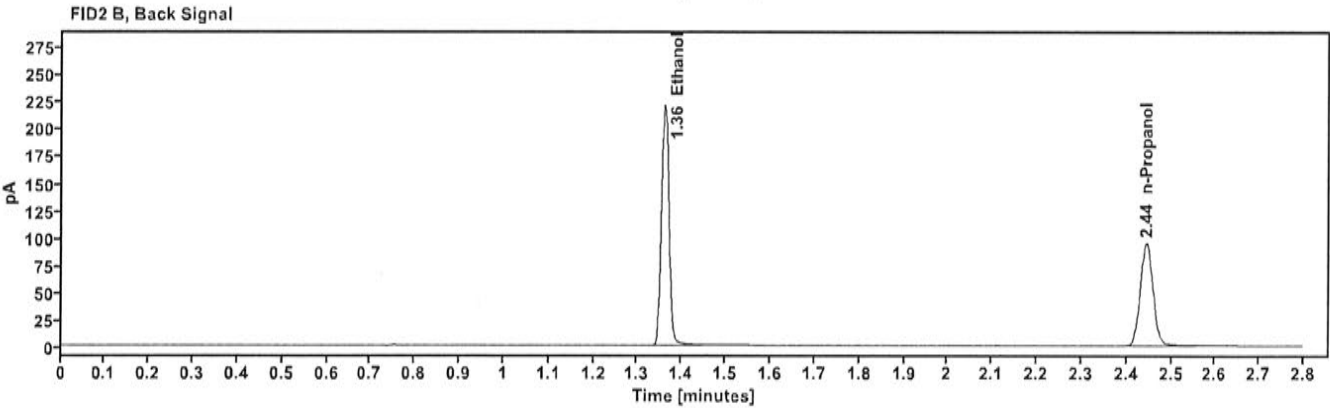
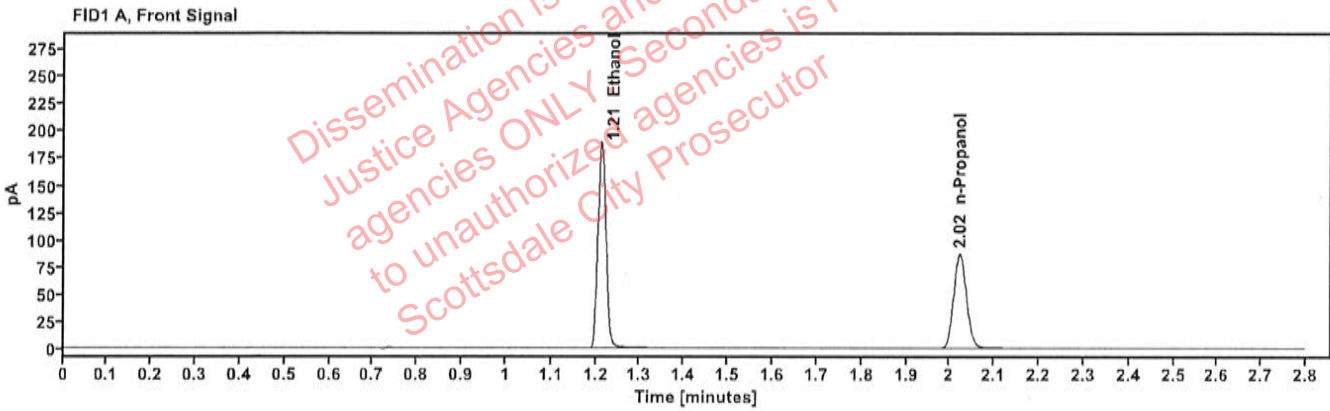


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	241.658
n-Propanol	2.022	172.927

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

Compound	Time (min)	Peak Area
Ethanol	1.360	265.102
n-Propanol	2.444	187.750

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050624WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 10:41:13 AM
Data file:	C:\Chem32\1\Data\18Jun24\5.D	Analyst:	Canonico <i>ee</i>

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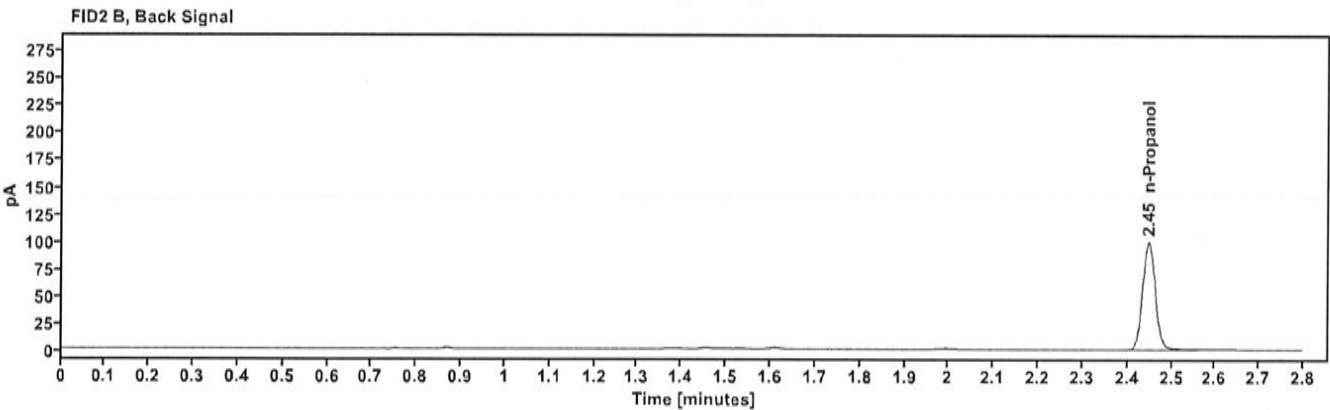
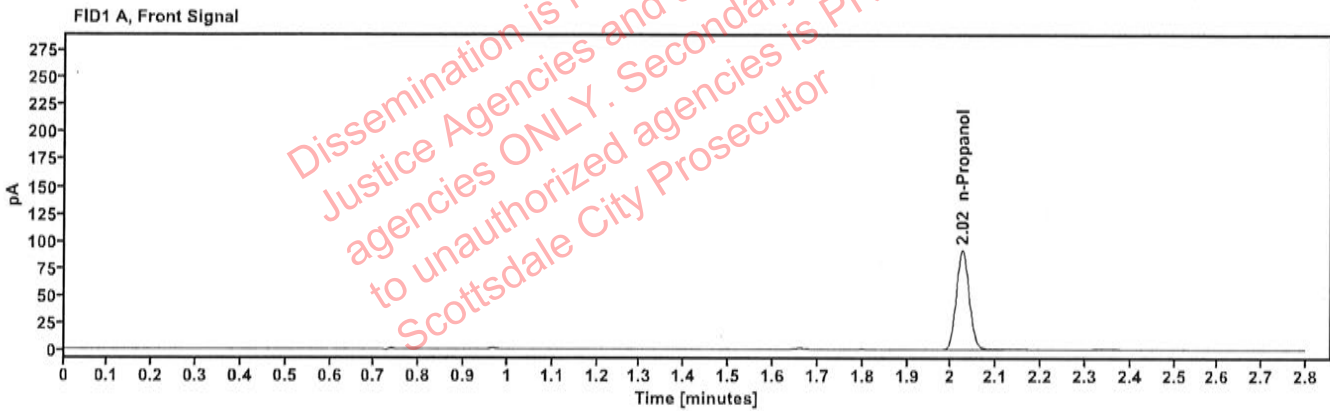


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.024	181.763

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

Compound	Time (min)	Peak Area
n-Propanol	2.448	197.968

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 10:45:14 AM
Data file:	C:\Chem32\1\Data\18Jun24\6.D	Analyst:	Canonico <i>EC</i>

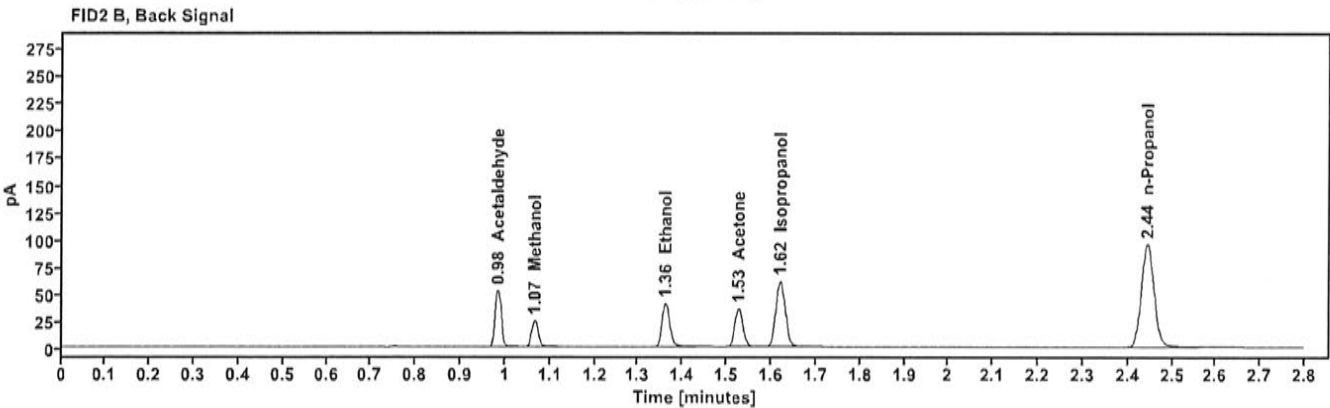
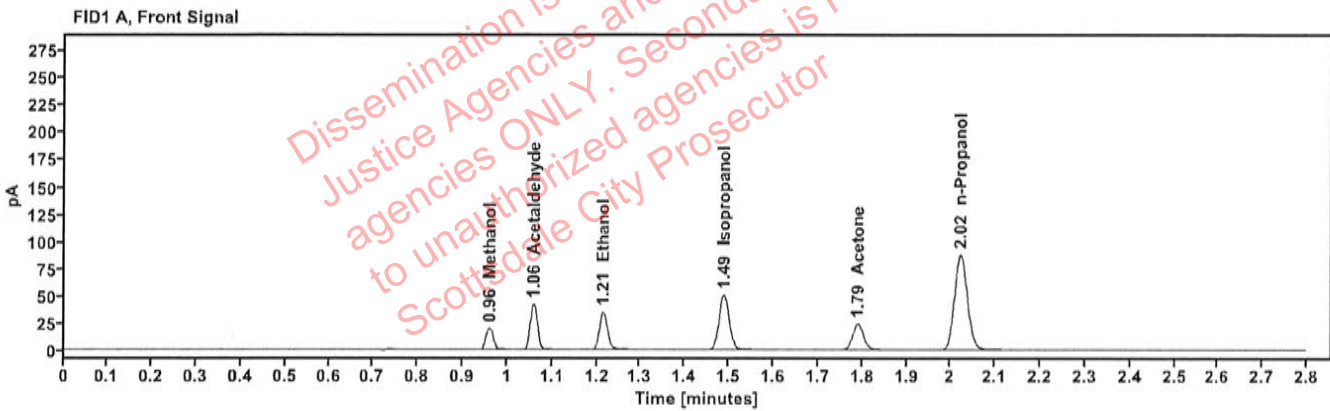


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.960	22.666
Acetaldehyde	-----	1.058	46.305
>Ethanol	0.0730	1.214	44.467
Isopropanol	-----	1.488	81.263
Acetone	-----	1.790	41.430
n-Propanol	-----	2.022	174.910

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	51.826
Methanol	1.065	25.295
Ethanol	1.361	48.463
Acetone	1.527	45.713
Isopropanol	1.620	89.687
n-Propanol	2.444	189.803

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 18Jun24
Instrument: US14173023 CN14160045	Injection date: 6/18/2024 10:49:29 AM
Data file: C:\Chem32\1\Data\18Jun24\7.D	Analyst: Canonico <i>EE</i>

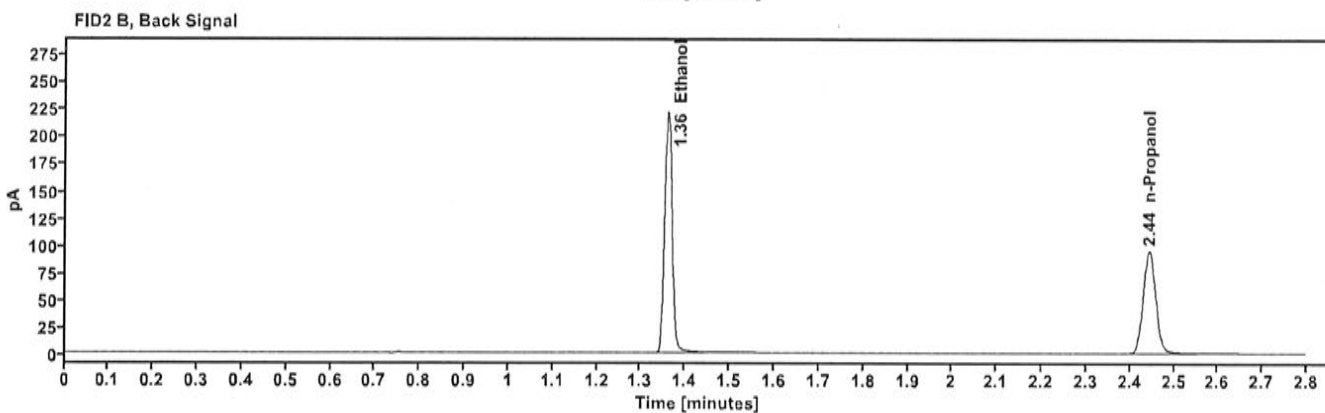
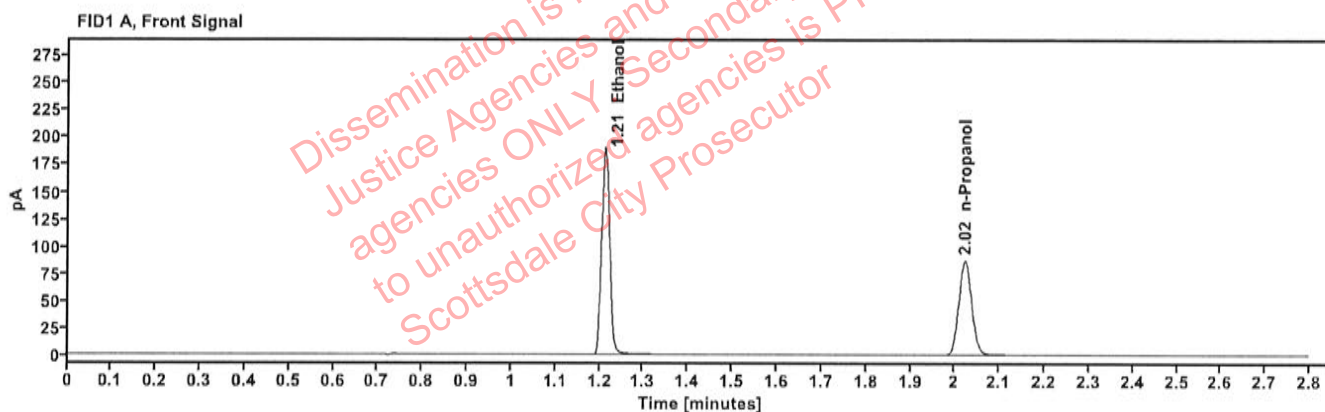


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4010	1.212	242.365
n-Propanol	-----	2.022	173.223

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

Compound	Time (min)	Peak Area
Ethanol	1.360	265.816
n-Propanol	2.444	188.002

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 18Jun24
Instrument: US14173023 CN14160045	Injection date: 6/18/2024 10:53:28 AM
Data file: C:\Chem32\1\Data\18Jun24\8.D	Analyst: Canonico <i>EC</i>

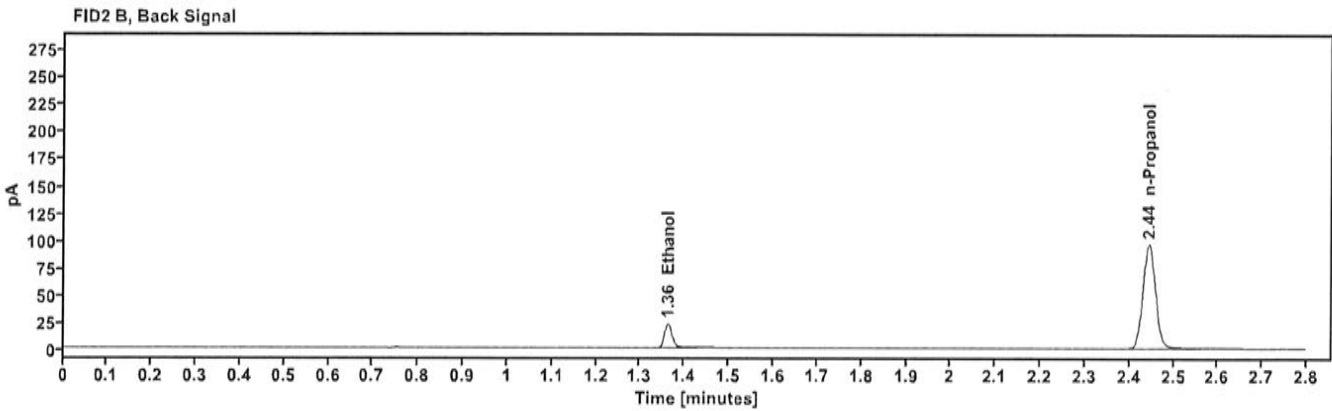
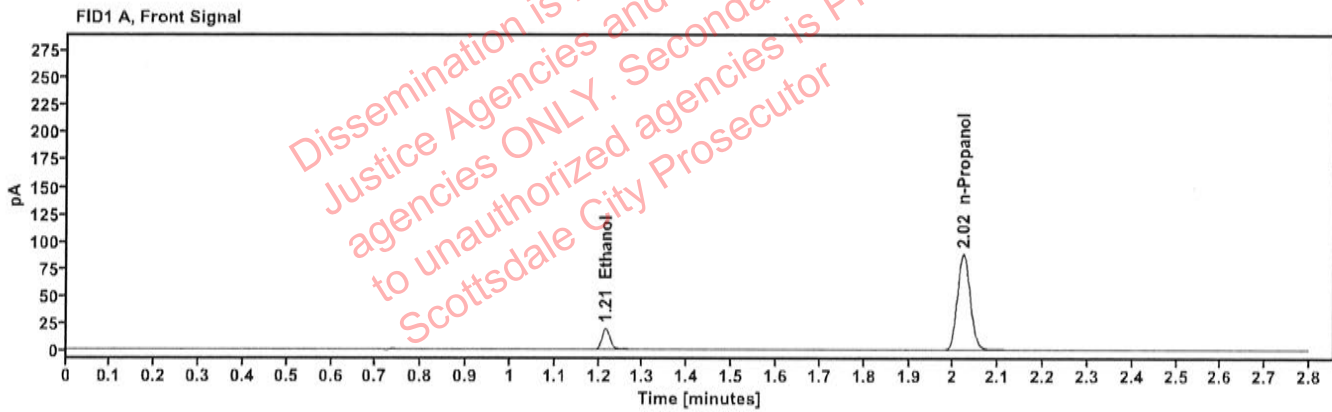


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0401	1.215	24.560
n-Propanol	-----	2.022	176.338

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

Compound	Time (min)	Peak Area
Ethanol	1.362	26.789
n-Propanol	2.444	191.557

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/11	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 10:57:29 AM
Data file:	C:\Chem32\1\Data\18Jun24\9.D	Analyst:	Canonico <i>EC</i>

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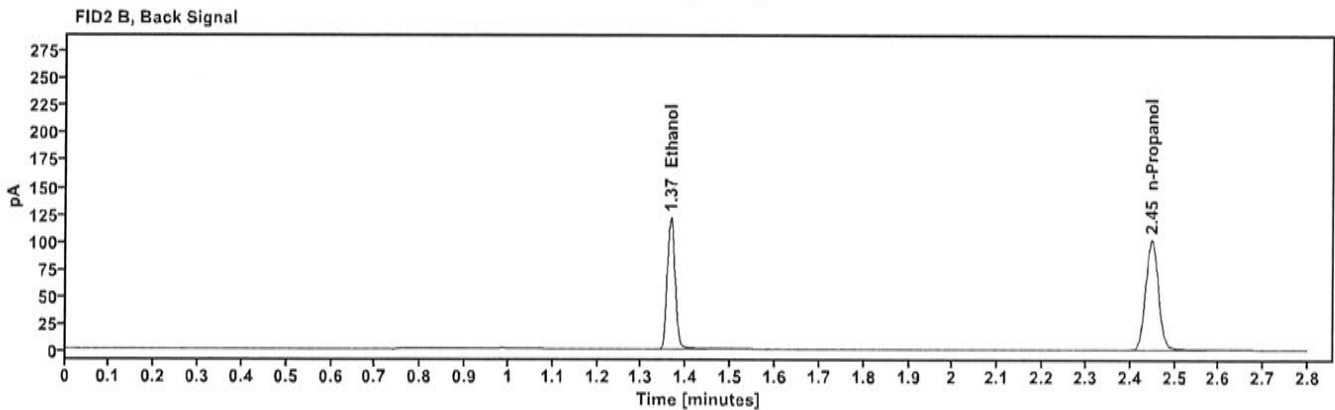
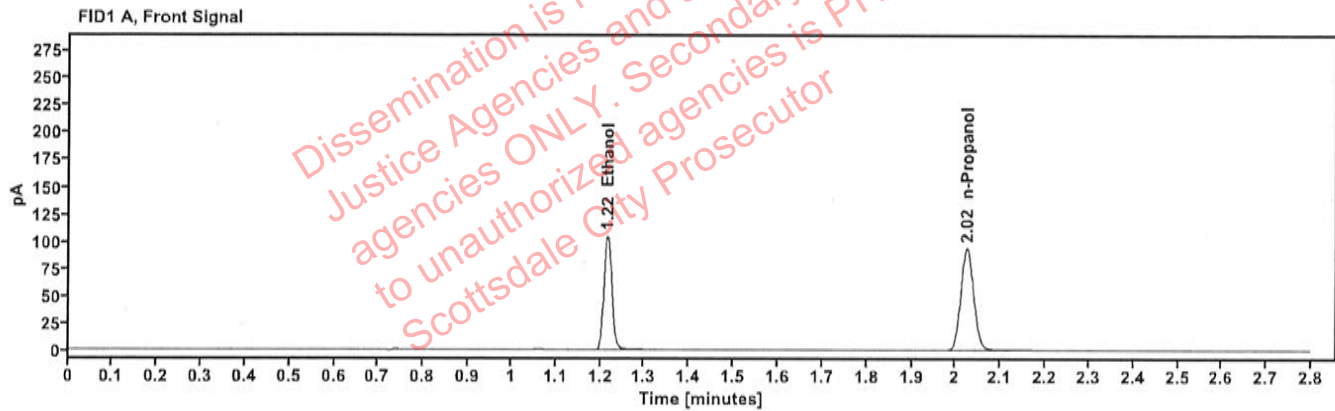


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2050	1.216	133.747
n-Propanol	-----	2.025	187.032

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

Compound	Time (min)	Peak Area
Ethanol	1.365	146.414
n-Propanol	2.448	203.036

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	25052023-A	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:41:58 AM
Data file:	C:\Chem32\1\Data\18Jun24\20.D	Analyst:	Canonico <i>EE</i>

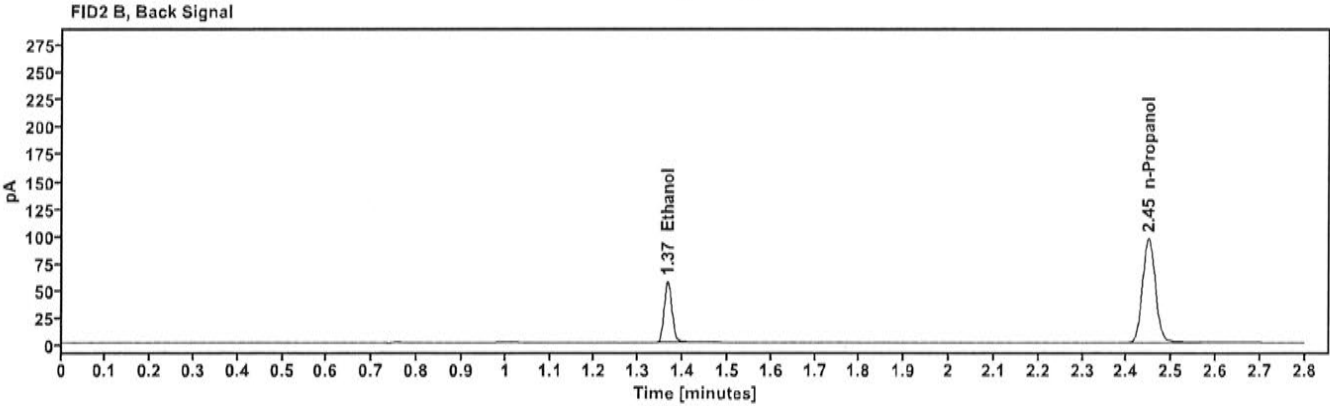
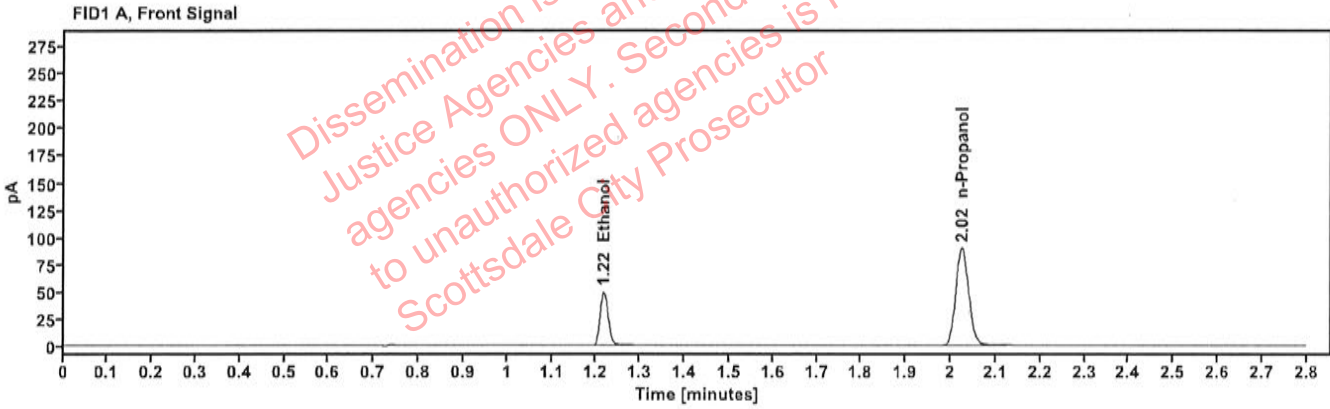


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1015	1.216	63.240
n-Propanol	-----	2.025	178.806

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

Compound	Time (min)	Peak Area
Ethanol	1.365	68.912
n-Propanol	2.448	193.689

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	25052023-A	Vial:	31
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:26:28 PM
Data file:	C:\Chem32\1\Data\18Jun24\31.D	Analyst:	Canonico <i>EE</i>

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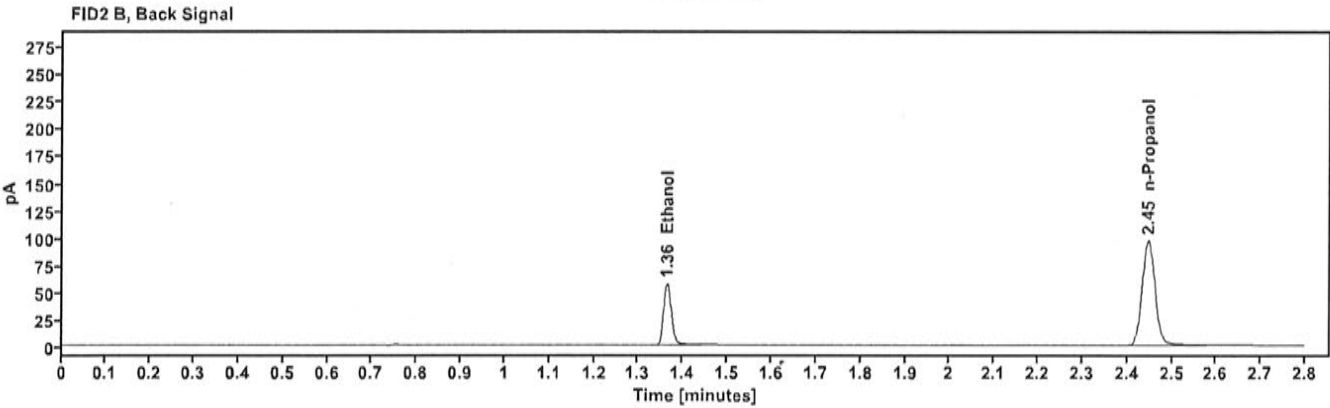
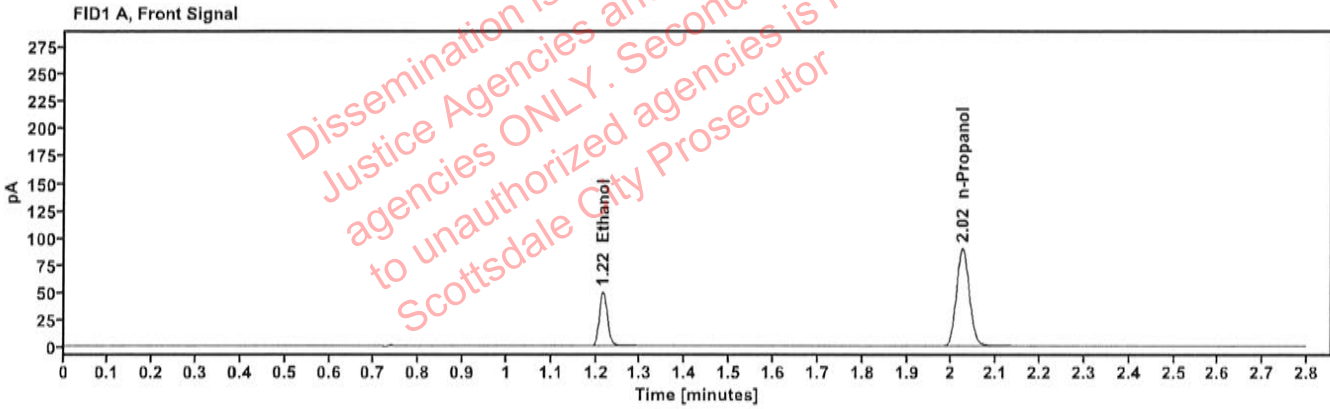


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1012	1.216	63.340
n-Propanol	-----	2.024	179.628

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

Compound	Time (min)	Peak Area
Ethanol	1.364	69.019
n-Propanol	2.447	194.861

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 1:10:43 PM
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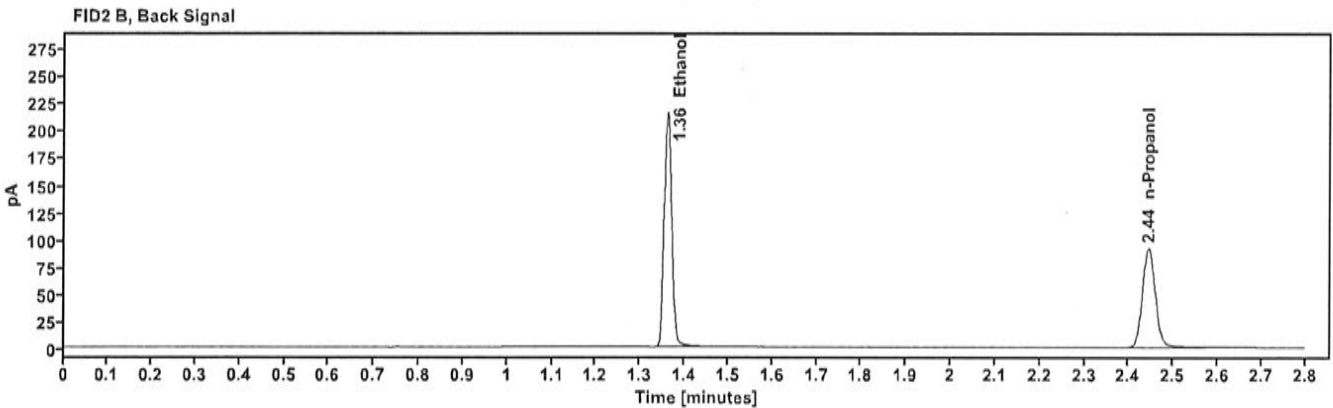
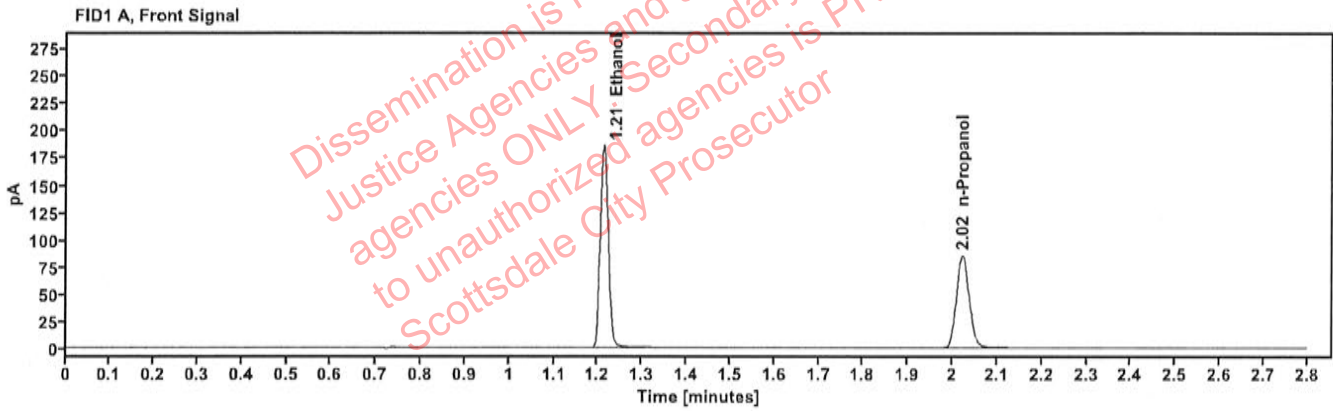


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4006	1.212	237.438
n-Propanol	-----	2.022	169.834

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

Compound	Time (min)	Peak Area
Ethanol	1.360	260.138
n-Propanol	2.444	184.339

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 18Jun24
Instrument: US14173023 CN14160045	Injection date: 6/18/2024 1:14:59 PM
Data file: C:\Chem32\1\Data\18Jun24\43.D	Analyst: Canonico <i>EC</i>

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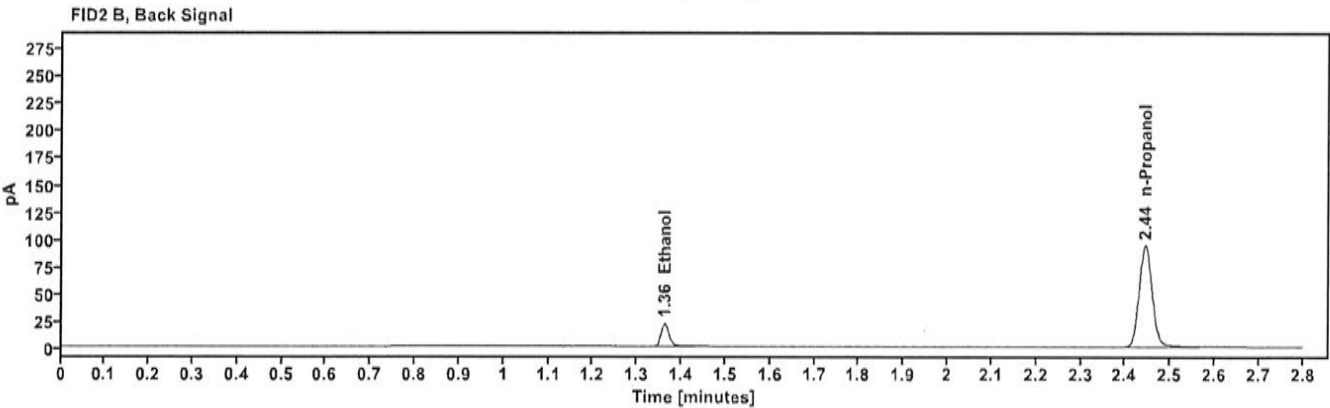
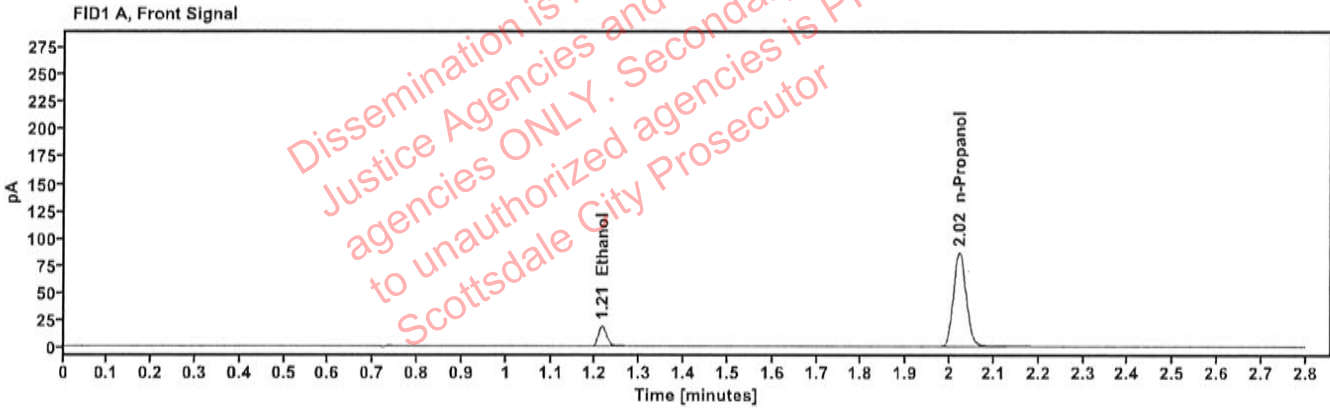


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0399	1.215	24.059
n-Propanol	-----	2.022	173.598

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

Compound	Time (min)	Peak Area
Ethanol	1.362	26.282
n-Propanol	2.444	188.154

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 44
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 18Jun24
Instrument: US14173023 CN14160045	Injection date: 6/18/2024 1:18:59 PM
Data file: C:\Chem32\1\Data\18Jun24\44.D	Analyst: Canonico <i>EC</i>

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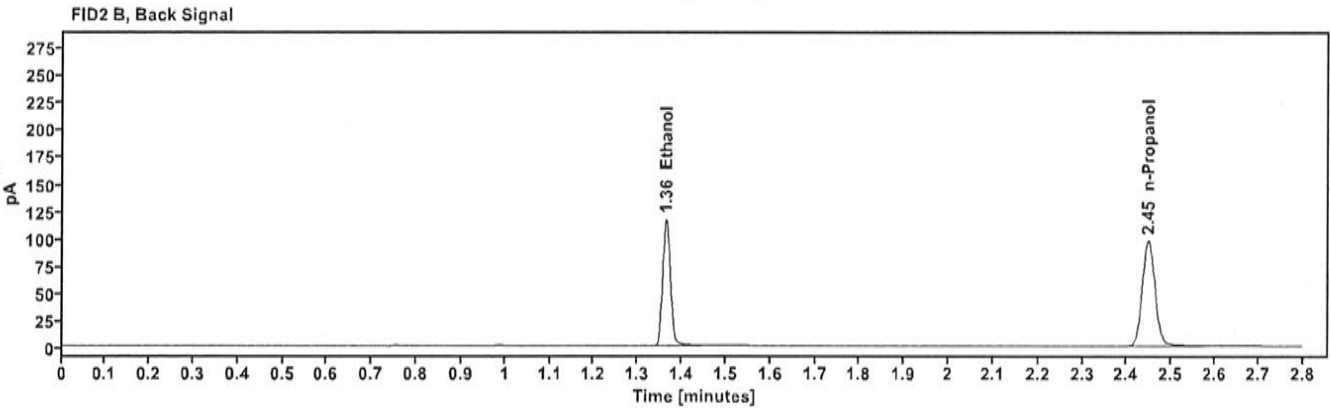
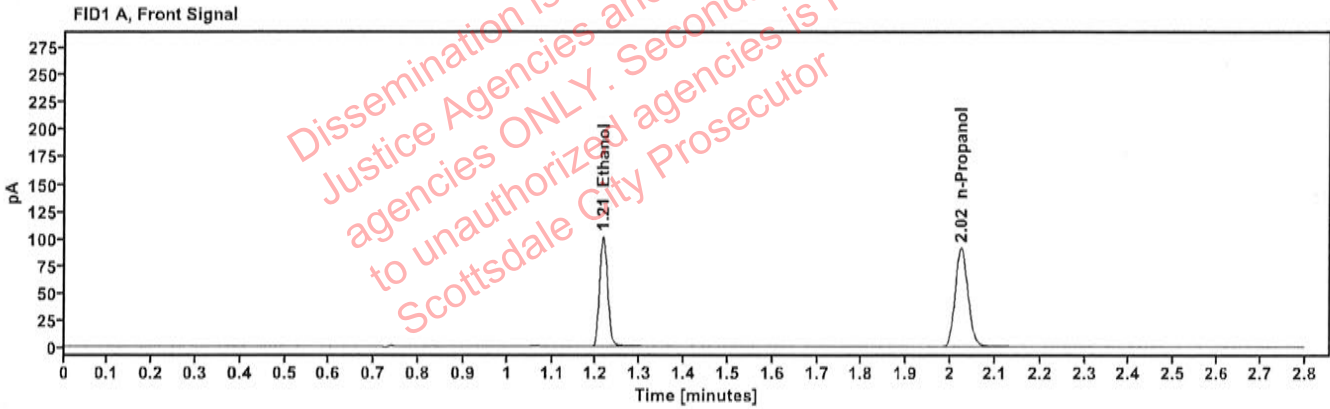


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2047	1.215	129.207
n-Propanol	-----	2.024	181.005

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

Compound	Time (min)	Peak Area
Ethanol	1.364	141.412
n-Propanol	2.447	196.525

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	032824AQ	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 1:22:58 PM
Data file:	C:\Chem32\1\Data\18Jun24\45.D	Analyst:	Canonico <i>ee</i>

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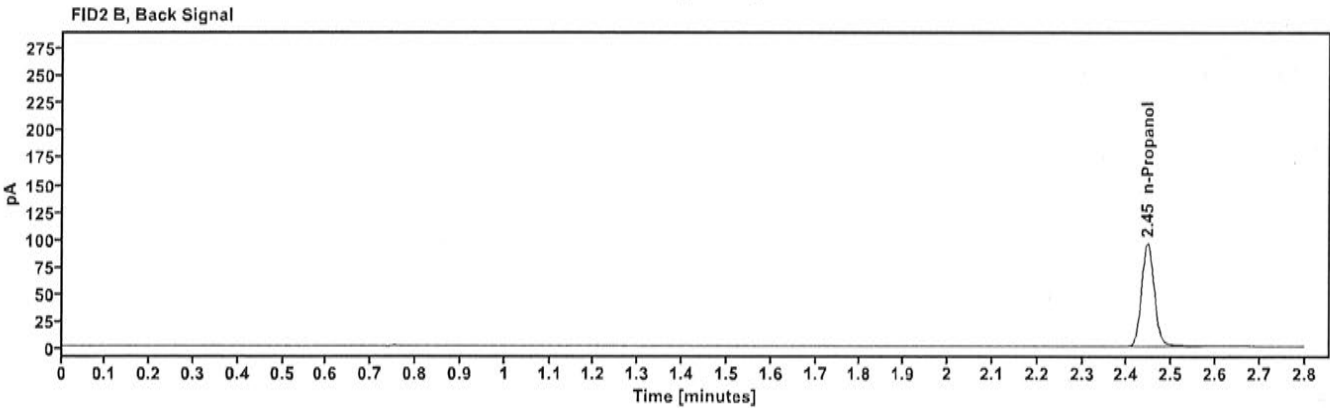
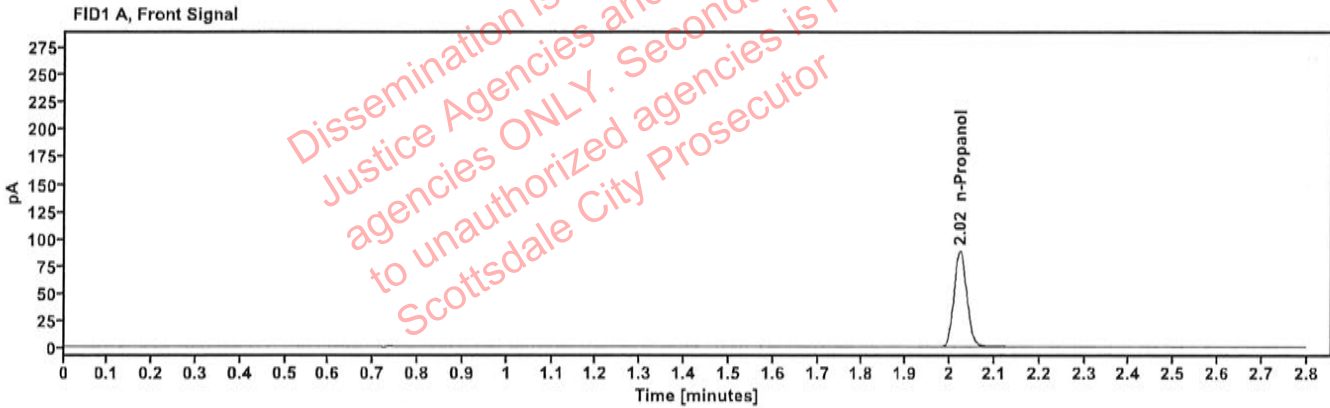


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.023	176.167

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

Compound	Time (min)	Peak Area
n-Propanol	2.445	191.122

Sequence Summary

Sequence name: 18Jun24 Instrument: US14173023 CN14160045 Analyst: Canonico *ec*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN03072301	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	050624WB	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	4110320133/11	0.199	Control		ethanol quant.M
10	2411480-2		Sample		ethanol quant.M
11	2411480-2		Sample		ethanol quant.M
12	2411694-1		Sample		ethanol quant.M
13	2411694-1		Sample		ethanol quant.M
14	2411767-2		Sample		ethanol quant.M
15	2411767-2		Sample		ethanol quant.M
16	2411775-1		Sample		ethanol quant.M
17	2411775-1		Sample		ethanol quant.M
18	2411481-1		Sample		ethanol quant.M
19	2411481-1		Sample		ethanol quant.M
20	25052023-A	0.100	Control		ethanol quant.M
21	2410855-2		Sample		ethanol quant.M
22	2410855-2		Sample		ethanol quant.M
23	2411777-2		Sample		ethanol quant.M
24	2411777-2		Sample		ethanol quant.M
25	2412044-2		Sample		ethanol quant.M
26	2412044-2		Sample		ethanol quant.M
27	2411968-2		Sample		ethanol quant.M
28	2411968-2		Sample		ethanol quant.M
29	2411810-1		Sample		ethanol quant.M
30	2411810-1		Sample		ethanol quant.M
31	25052023-A	0.100	Control		ethanol quant.M
32	2411971-1		Sample		ethanol quant.M
33	2411971-1		Sample		ethanol quant.M
34	2412113-2		Sample		ethanol quant.M
35	2412113-2		Sample		ethanol quant.M
36	2412209-1		Sample		ethanol quant.M
37	2412209-1		Sample		ethanol quant.M
38	2403670-1		Sample		ethanol quant.M
39	2403670-1		Sample		ethanol quant.M
40	518018		Sample		ethanol quant.M
41	518018		Sample		ethanol quant.M
42	30012020-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4110320133/11	0.199	Control		ethanol quant.M
45	032824AQ	Negative	Control		ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 18Jun24

ANALYST: Canonico

82

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2295	0.2280	0.22875	0.33	0.00075
12 13	0.1447	0.1457	0.14520	0.34	0.00050
14 15	0.1246	0.1236	0.12410	0.40	0.00050
16 17	0.0846	0.0842	0.08440	0.24	0.00020
18 19	0.0962	0.0945	0.09535	0.89	0.00085
21 22	0.2015	0.2001	0.20080	0.35	0.00070
23 24	0.1697	0.1709	0.17030	0.35	0.00060
25 26	0.2646	0.2667	0.26565	0.40	0.00105
27 28	0.0492	0.0486	0.04890	0.61	0.00030
29 30	0.1542	0.1549	0.15455	0.23	0.00035
32 33	0.1342	0.1345	0.13435	0.11	0.00015
34 35	0.1200	0.1187	0.11935	0.54	0.00065
36 37	0.1102	0.1102	0.11020	0.00	0.00000
38 39	0.2296	0.2291	0.22935	0.11	0.00025

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411480-2	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:01:28 AM
Data file:	C:\Chem32\1\Data\18Jun24\10.D	Analyst:	Canonico

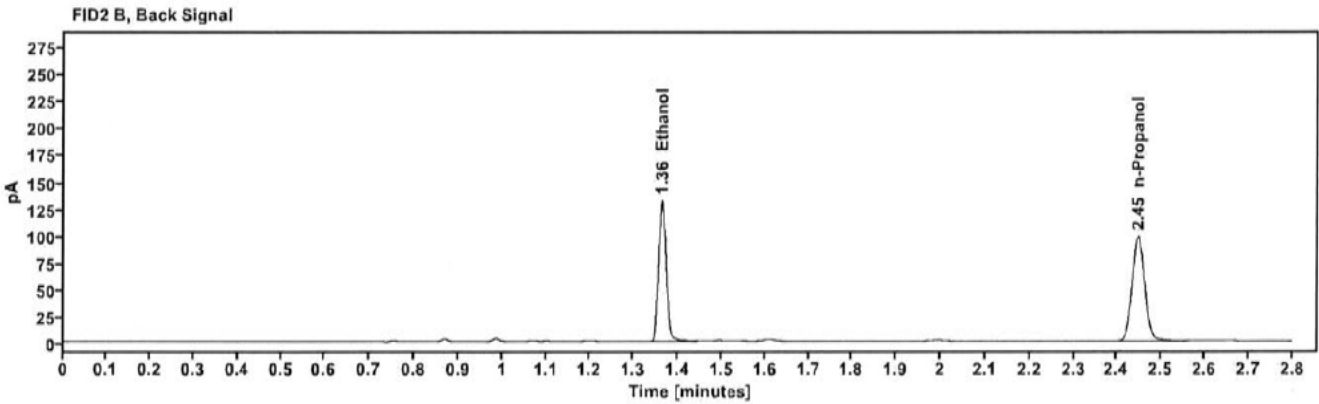
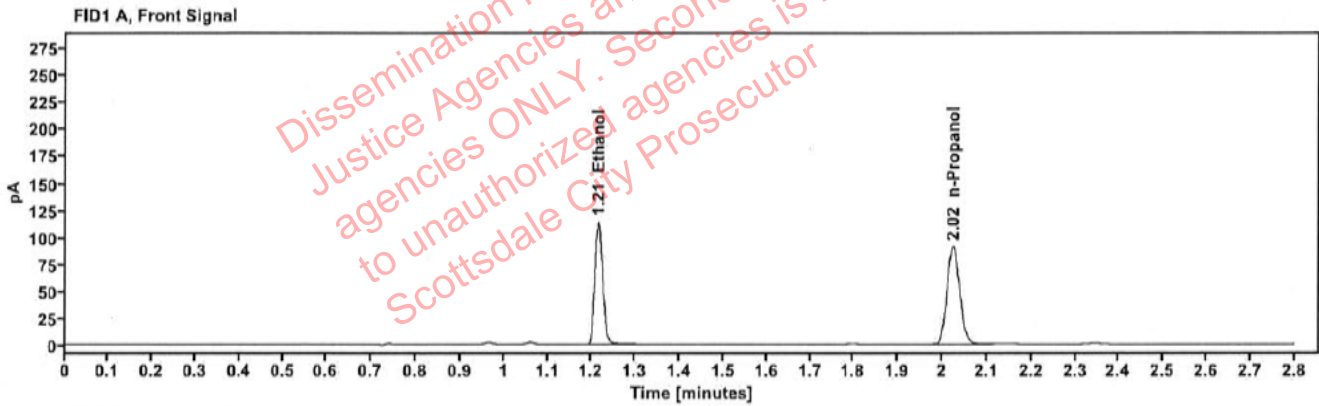


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2295	1.215	145.387
n-Propanol	-----	2.024	181.590

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

Compound	Time (min)	Peak Area
Ethanol	1.364	159.534
n-Propanol	2.447	196.120

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411480-2	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:05:29 AM
Data file:	C:\Chem32\1\Data\18Jun24\11.D	Analyst:	Canonico

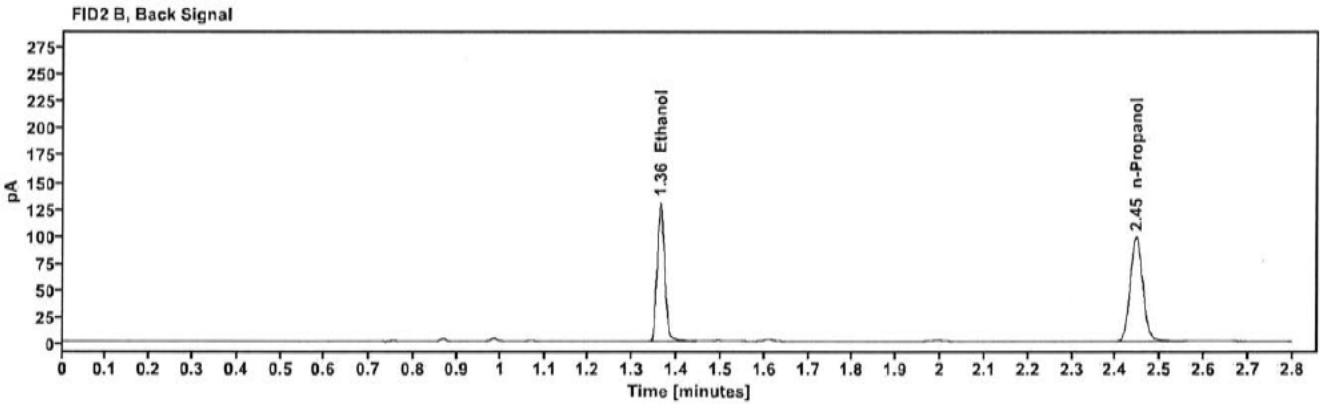
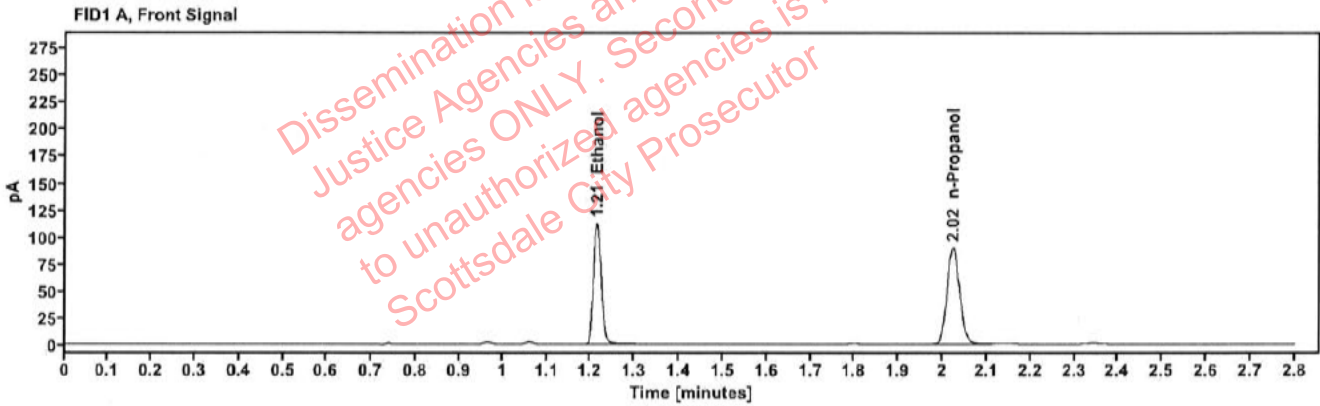


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2280	1.214	143.090
n-Propanol	-----	2.023	179.926

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

Compound	Time (min)	Peak Area
Ethanol	1.362	157.235
n-Propanol	2.446	194.341

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411694-1	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:09:28 AM
Data file:	C:\Chem32\1\Data\18Jun24\12.D	Analyst:	Canonico

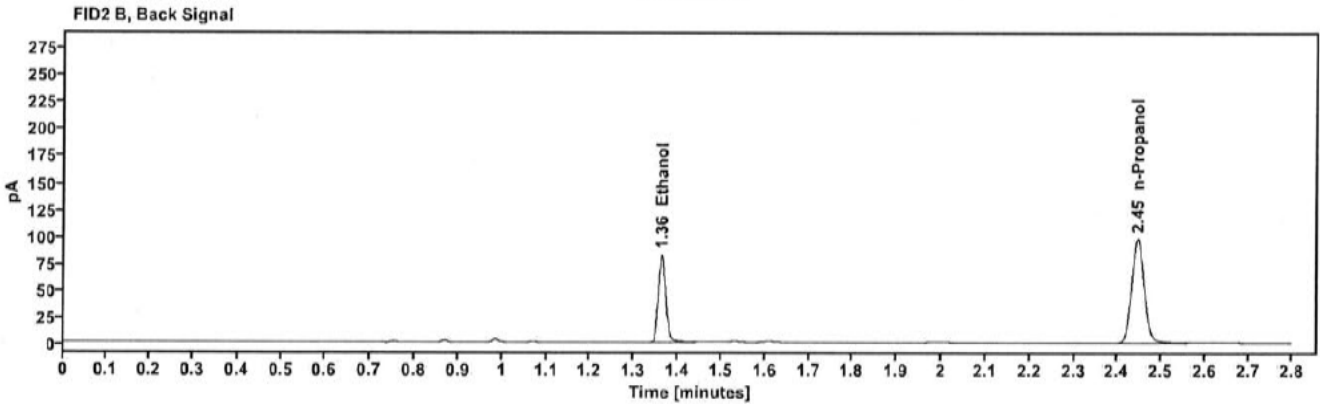
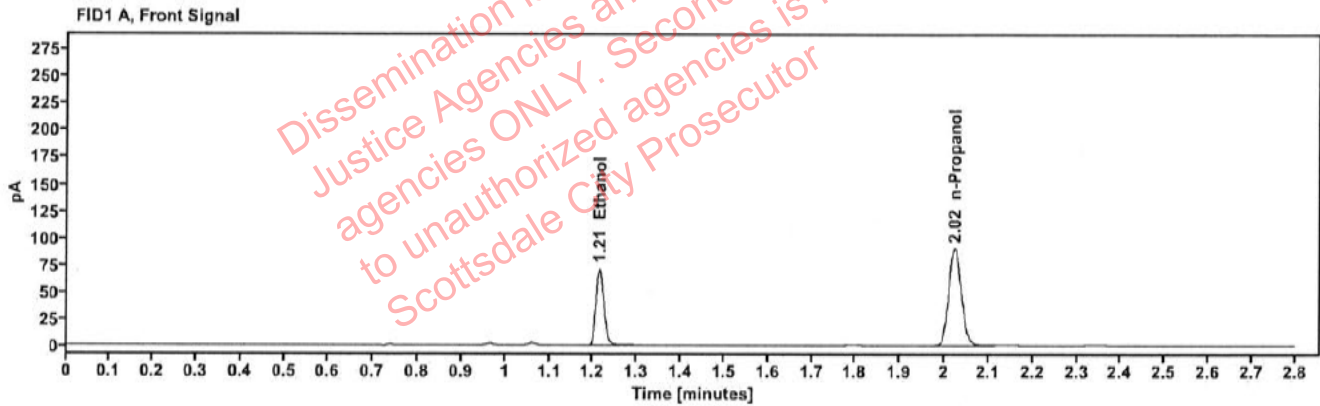


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1447	1.214	90.741
n-Propanol	-----	2.023	179.851

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

Compound	Time (min)	Peak Area
Ethanol	1.362	99.516
n-Propanol	2.445	195.589

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411694-1	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:13:44 AM
Data file:	C:\Chem32\1\Data\18Jun24\13.D	Analyst:	Canonico

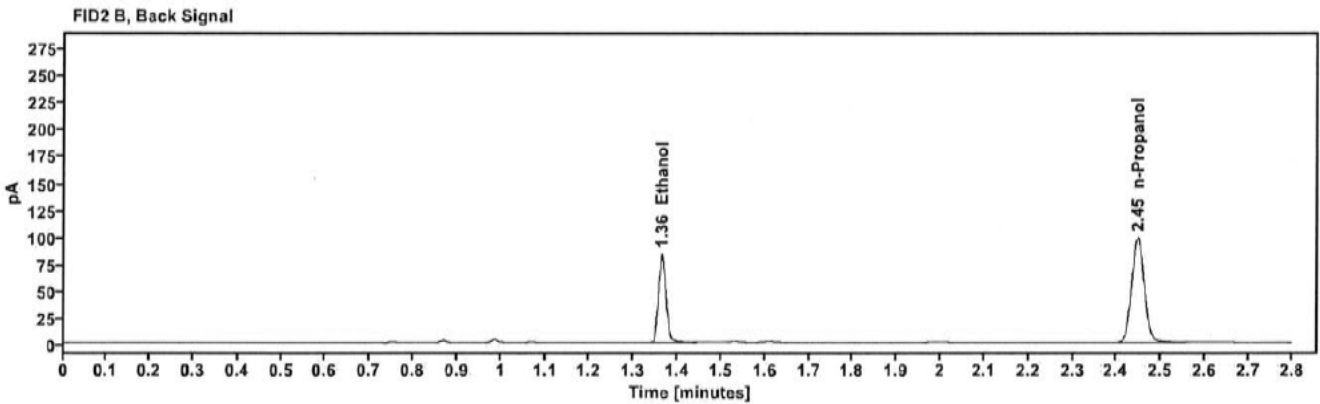
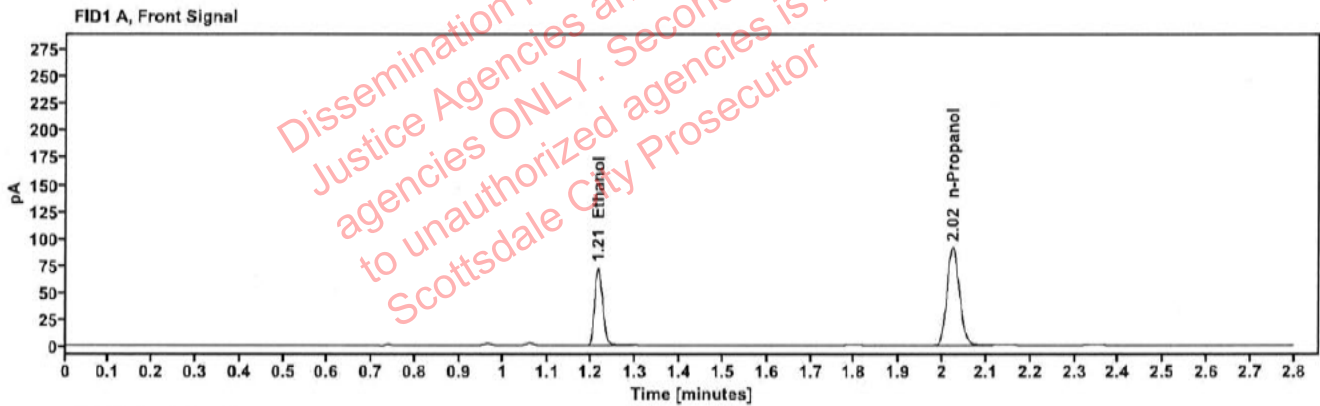


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1457	1.215	92.123
n-Propanol	-----	2.024	181.430

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

Compound	Time (min)	Peak Area
Ethanol	1.363	101.000
n-Propanol	2.447	197.162

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411767-2	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:17:44 AM
Data file:	C:\Chem32\1\Data\18Jun24\14.D	Analyst:	Canonico

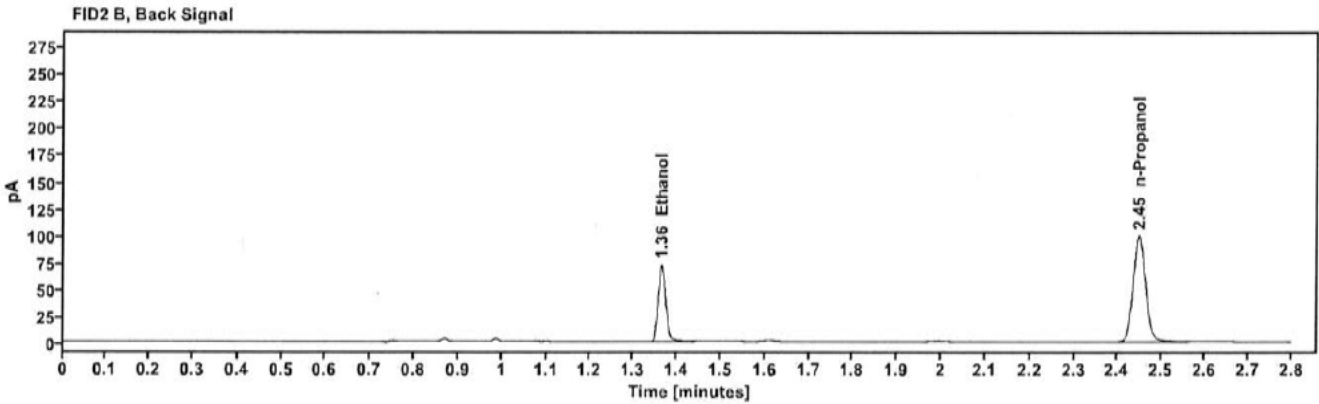
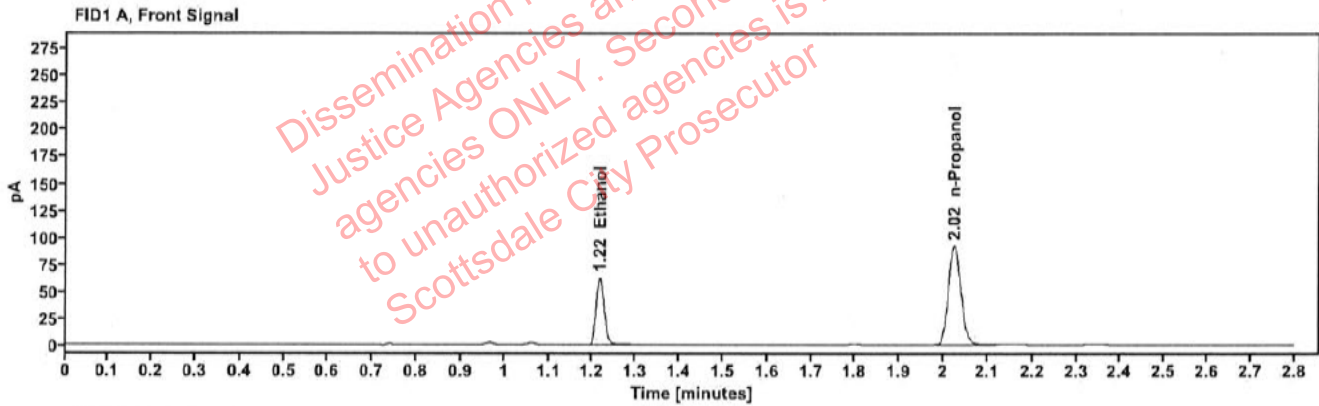


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1246	1.216	80.013
n-Propanol	-----	2.024	184.207

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

Compound	Time (min)	Peak Area
Ethanol	1.365	87.723
n-Propanol	2.448	198.724

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411767-2	Vial:	15
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:21:43 AM
Data file:	C:\Chem32\1\Data\18Jun24\15.D	Analyst:	Canonico

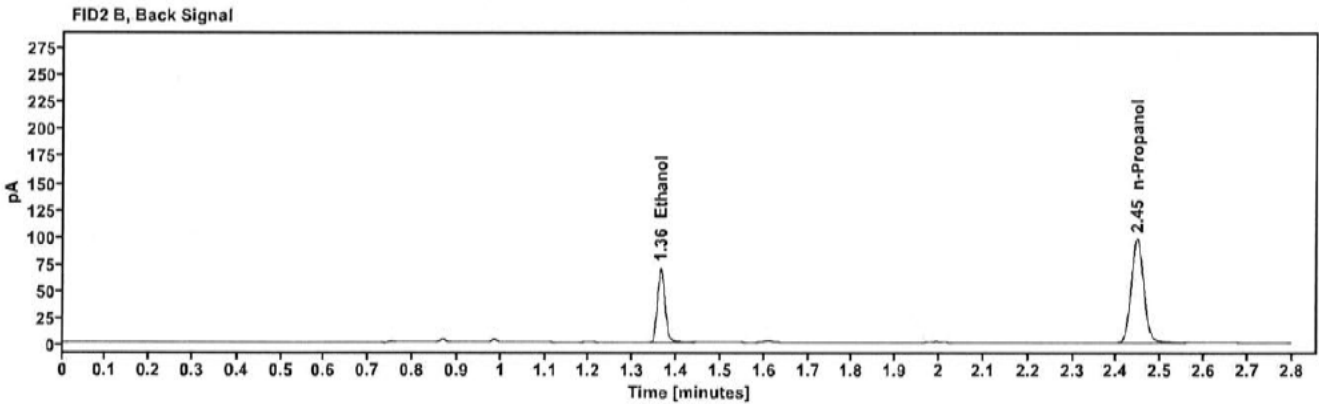
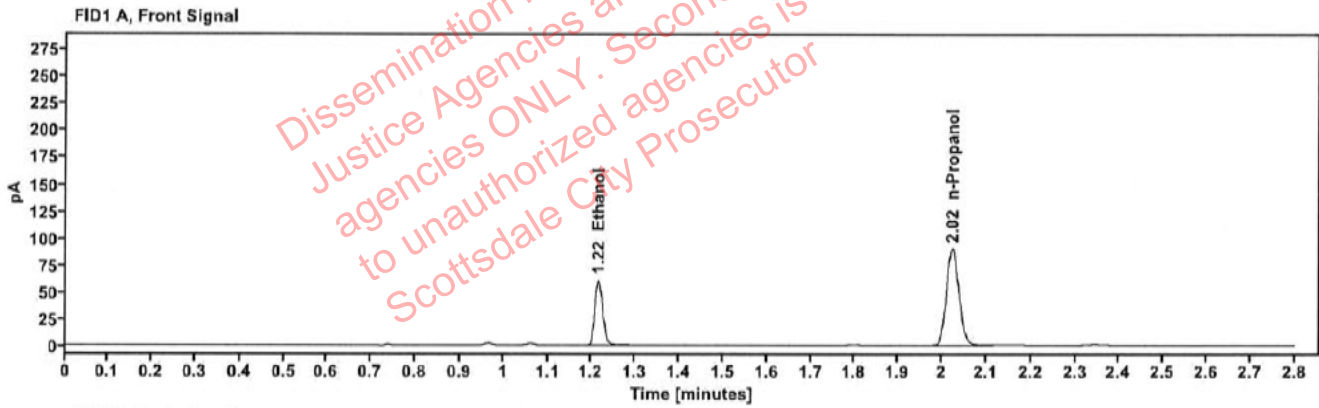


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1236	1.215	77.855
n-Propanol	-----	2.023	180.712

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

Compound	Time (min)	Peak Area
Ethanol	1.364	85.481
n-Propanol	2.446	195.034

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411775-1	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:25:43 AM
Data file:	C:\Chem32\1\Data\18Jun24\16.D	Analyst:	Canonico

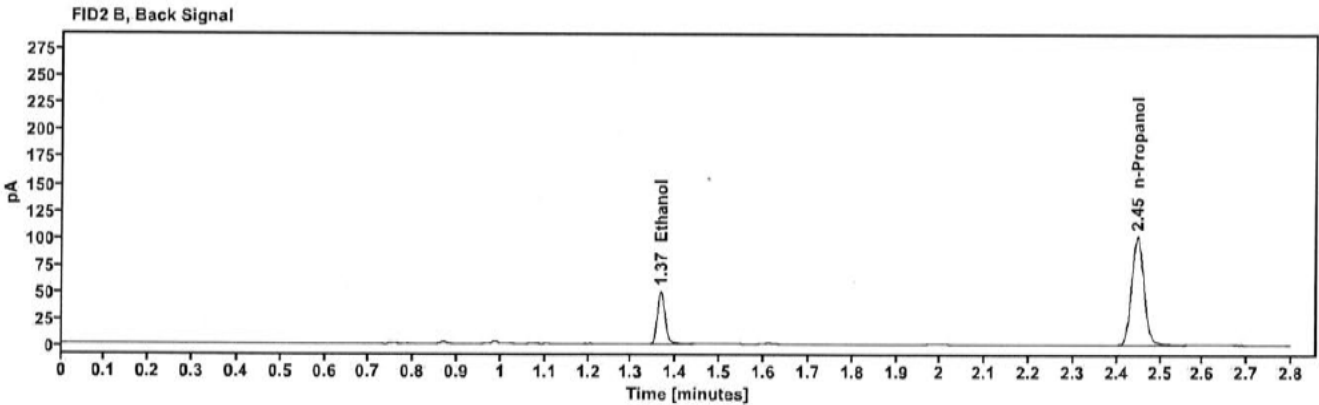
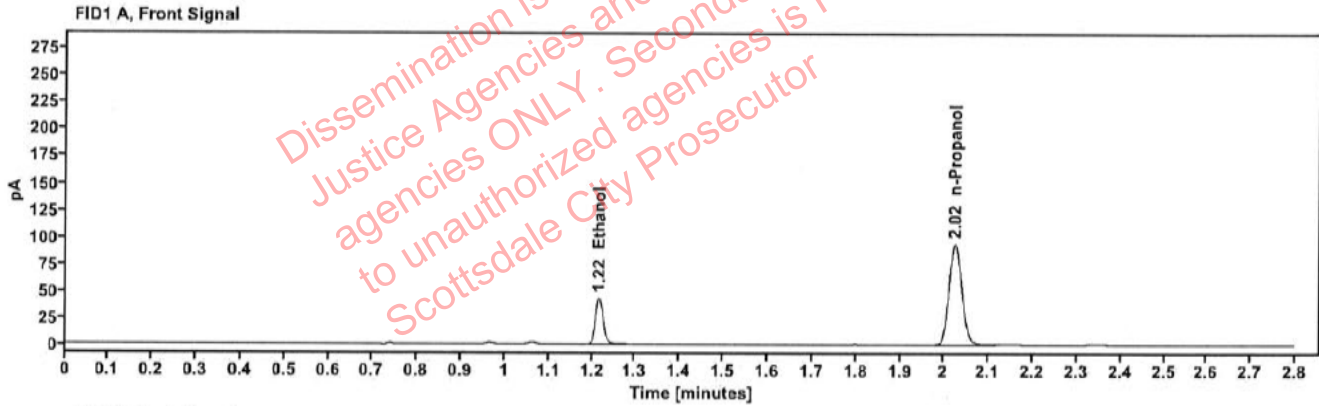


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0846	1.216	55.003
n-Propanol	-----	2.024	186.686

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

Compound	Time (min)	Peak Area
Ethanol	1.365	60.222
n-Propanol	2.448	202.719

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411775-1	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:29:43 AM
Data file:	C:\Chem32\1\Data\18Jun24\17.D	Analyst:	Canonico

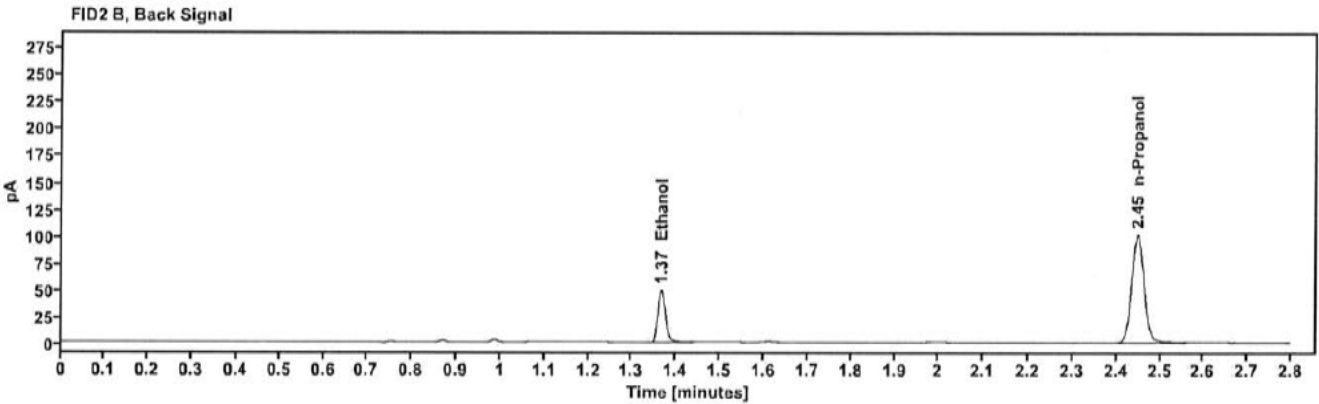
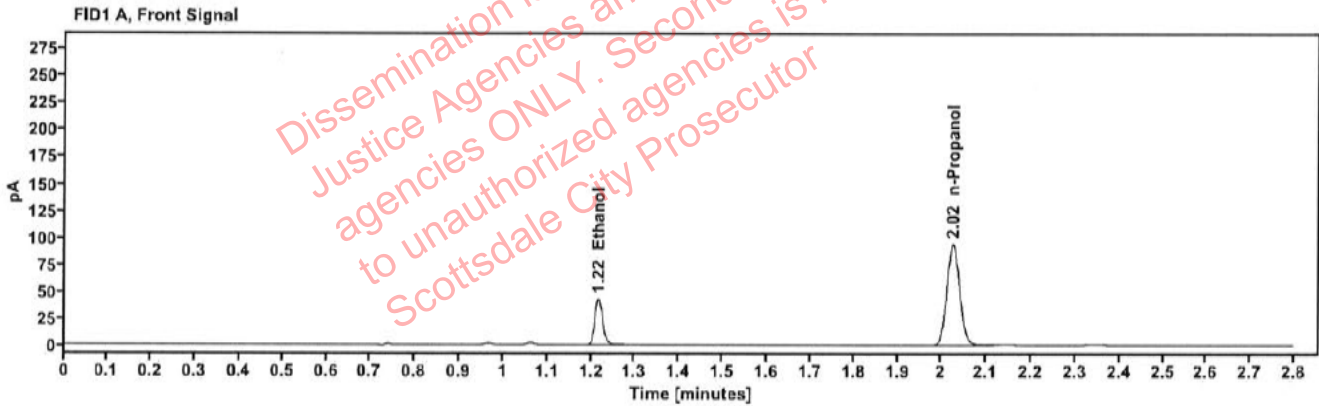


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0842	1.217	54.755
n-Propanol	-----	2.025	186.843

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

Compound	Time (min)	Peak Area
Ethanol	1.366	59.944
n-Propanol	2.448	202.684

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411481-1	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:33:44 AM
Data file:	C:\Chem32\1\Data\18Jun24\18.D	Analyst:	Canonico

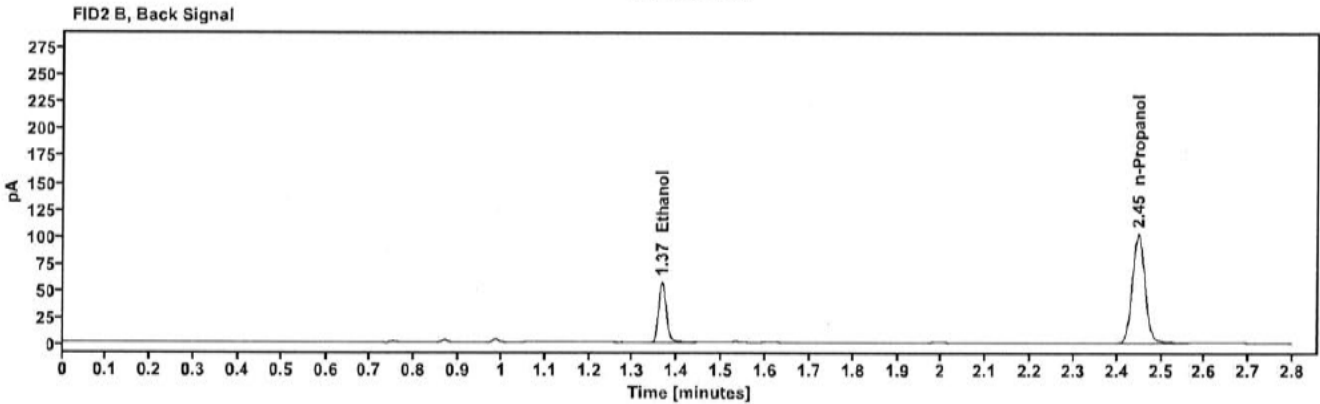
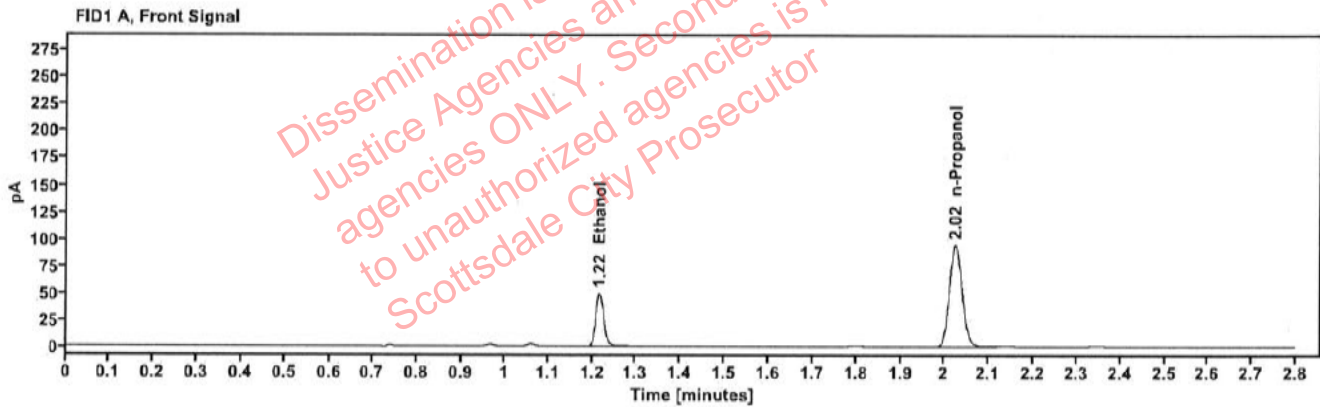


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0962	1.216	63.264
n-Propanol	-----	2.024	188.726

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

Compound	Time (min)	Peak Area
Ethanol	1.365	69.140
n-Propanol	2.448	204.822

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411481-1	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:37:59 AM
Data file:	C:\Chem32\1\Data\18Jun24\19.D	Analyst:	Canonico

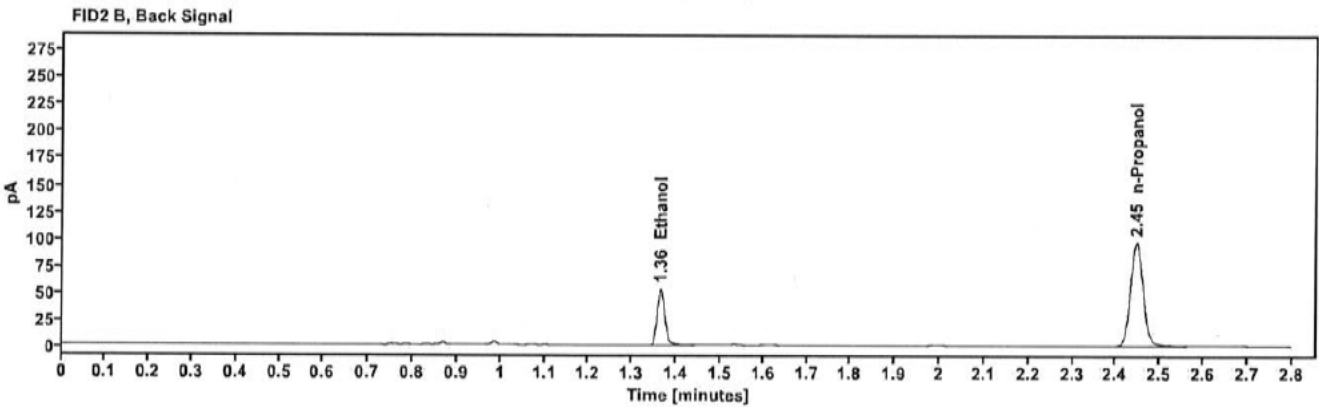
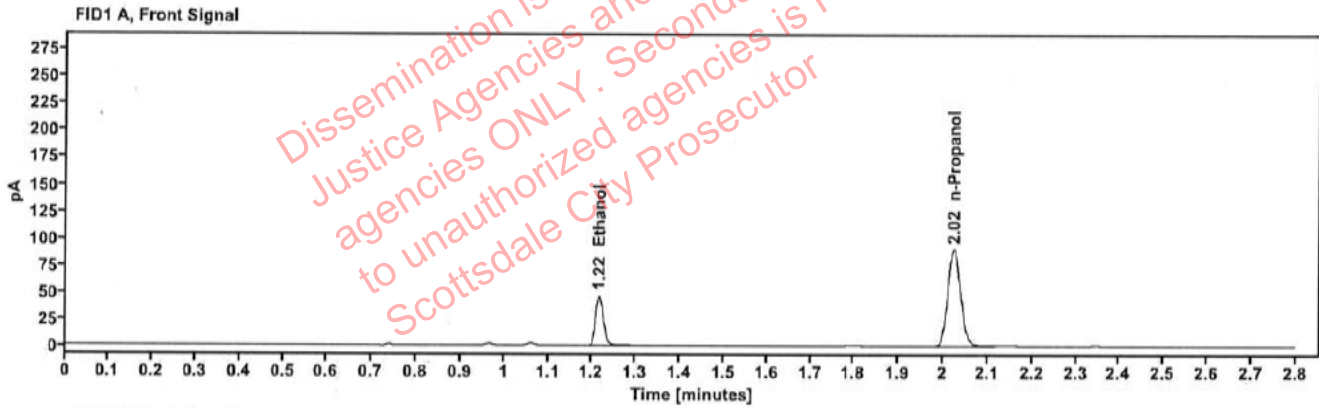


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0945	1.216	59.123
n-Propanol	-----	2.024	179.545

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

Compound	Time (min)	Peak Area
Ethanol	1.364	64.481
n-Propanol	2.447	194.829

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410855-2	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:45:59 AM
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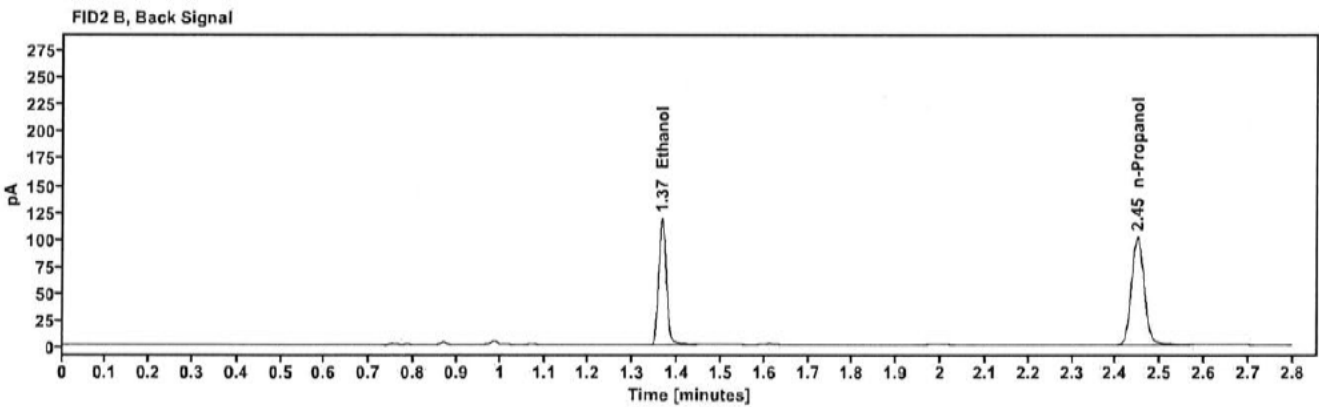
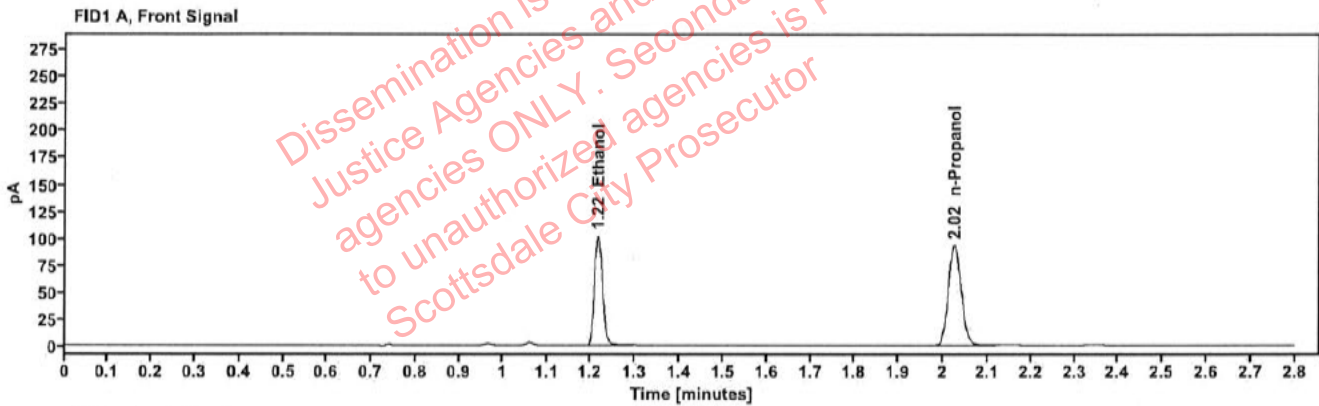


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2015	1.216	130.918
n-Propanol	-----	2.025	186.310

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

Compound	Time (min)	Peak Area
Ethanol	1.365	143.522
n-Propanol	2.448	202.378

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2410855-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:49:59 AM
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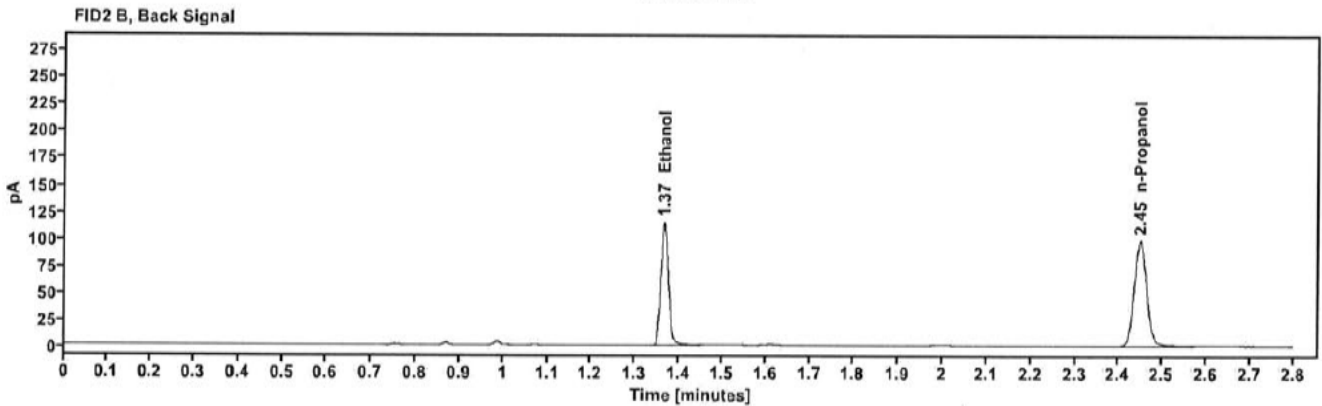
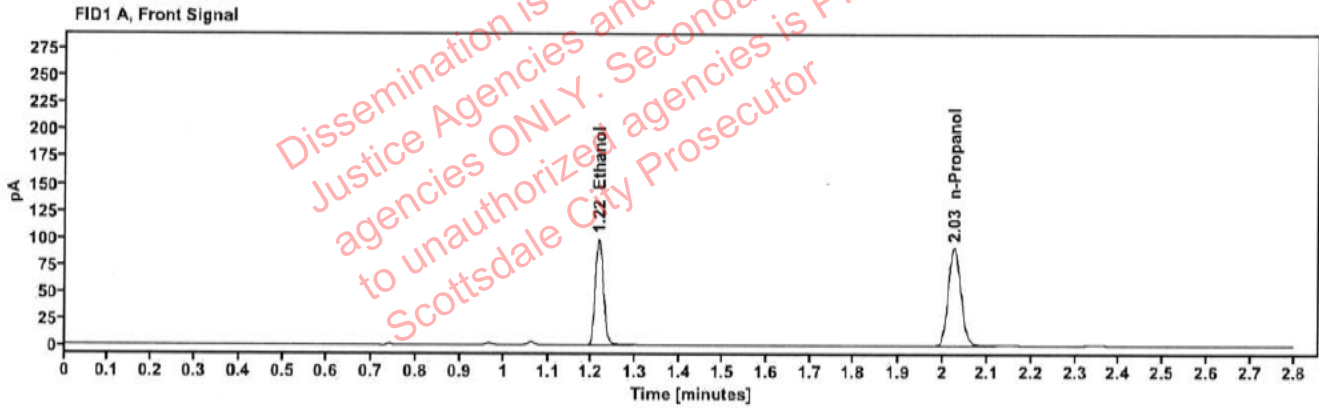


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2001	1.216	126.898
n-Propanol	-----	2.025	181.805

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

Compound	Time (min)	Peak Area
Ethanol	1.365	139.066
n-Propanol	2.449	197.646

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411777-2	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:53:59 AM
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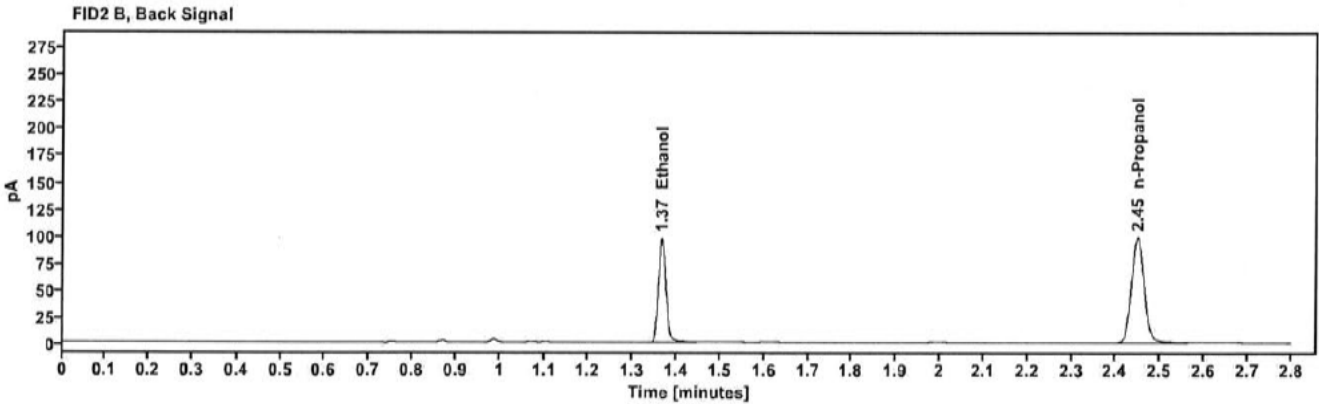
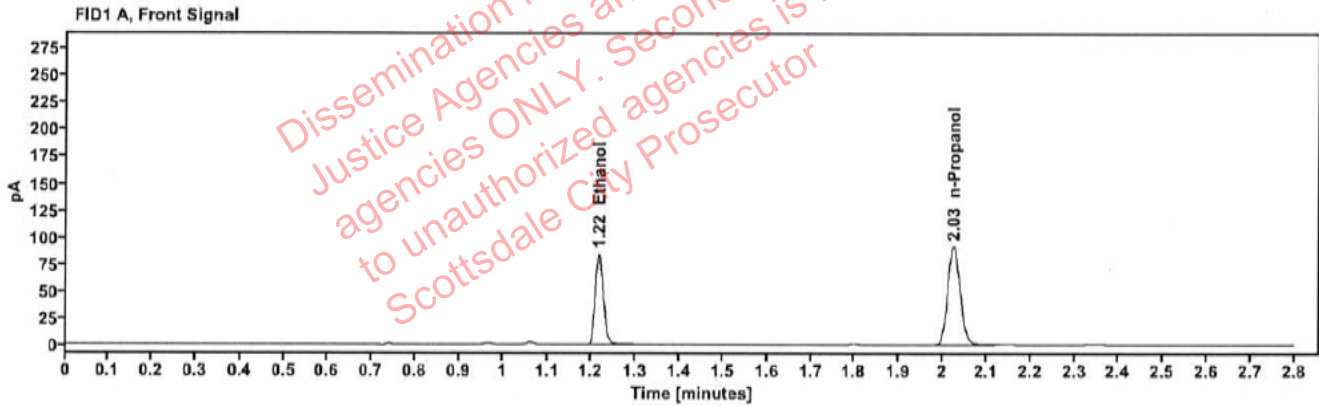


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1697	1.216	107.992
n-Propanol	-----	2.025	182.557

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

Compound	Time (min)	Peak Area
Ethanol	1.365	118.310
n-Propanol	2.448	197.814

[REDACTED]: Canonico, Erika - (18-Jun-2024)

Case: [REDACTED] User: ecanonico 6/18/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411777-2	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 11:57:58 AM
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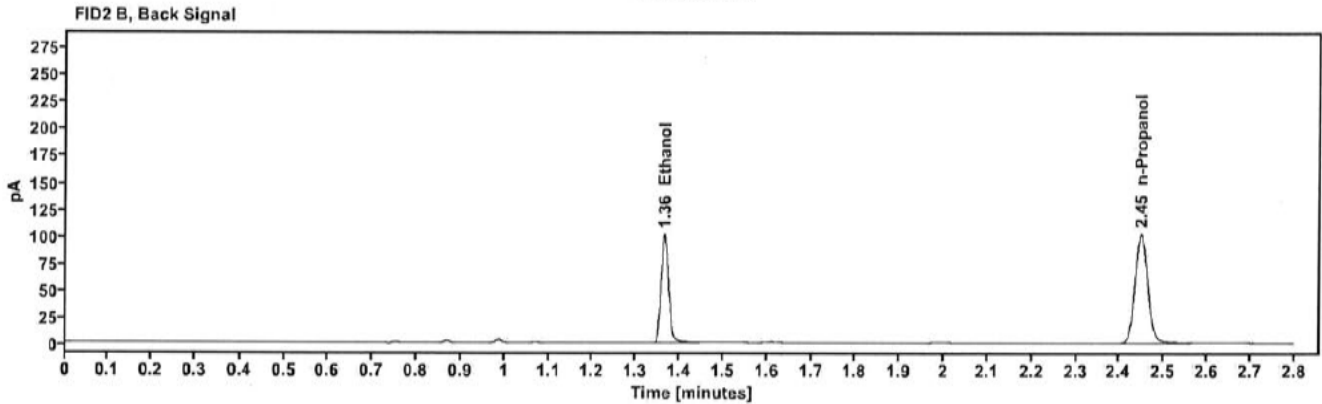
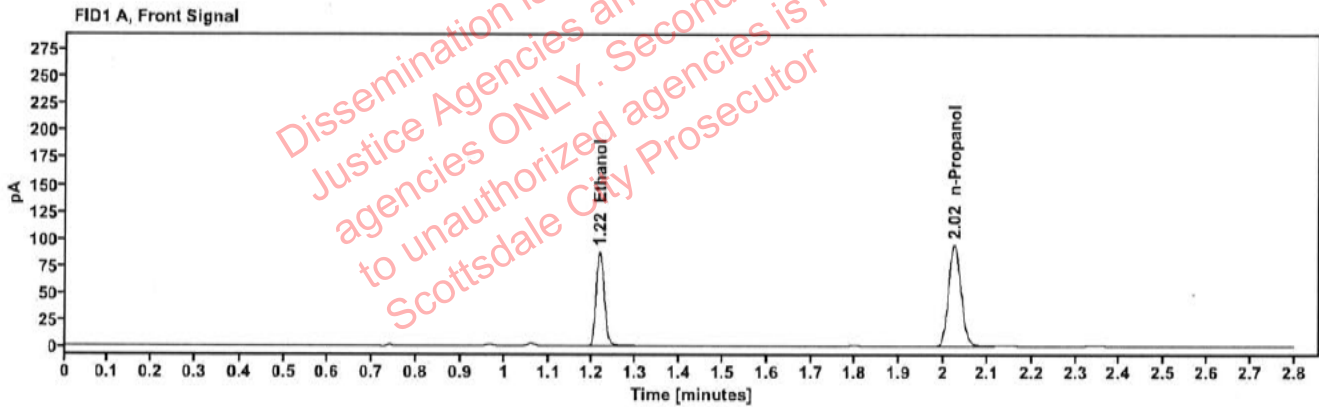


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1709	1.216	112.364
n-Propanol	-----	2.025	188.598

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

Compound	Time (min)	Peak Area
Ethanol	1.365	123.105
n-Propanol	2.448	204.628

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2412044-2	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:02:14 PM
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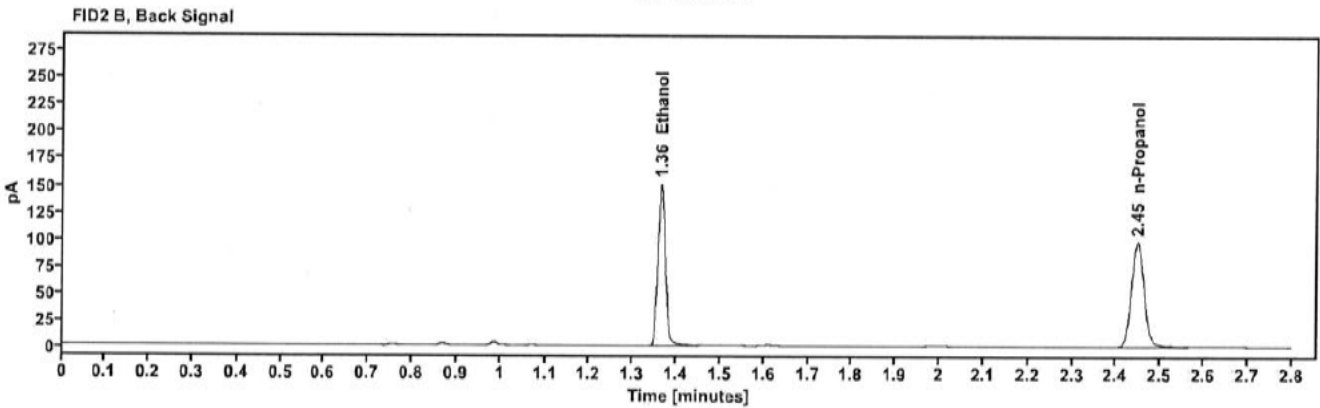
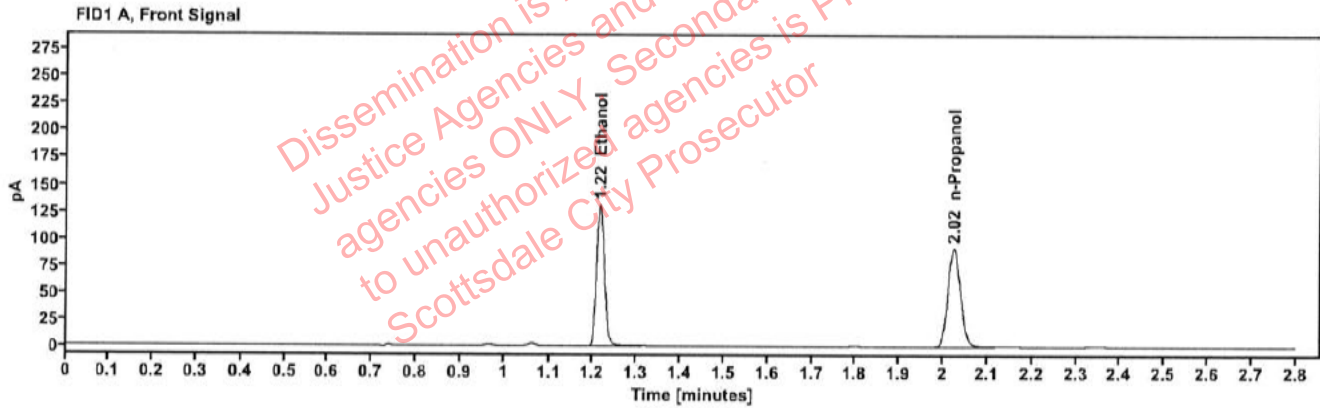


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2646	1.215	167.900
n-Propanol	-----	2.024	181.919

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

Compound	Time (min)	Peak Area
Ethanol	1.364	184.251
n-Propanol	2.447	197.691

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2412044-2	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:06:13 PM
Data file:	C:\Chem32\1\Data\18Jun24\26.D	Analyst:	Canonico

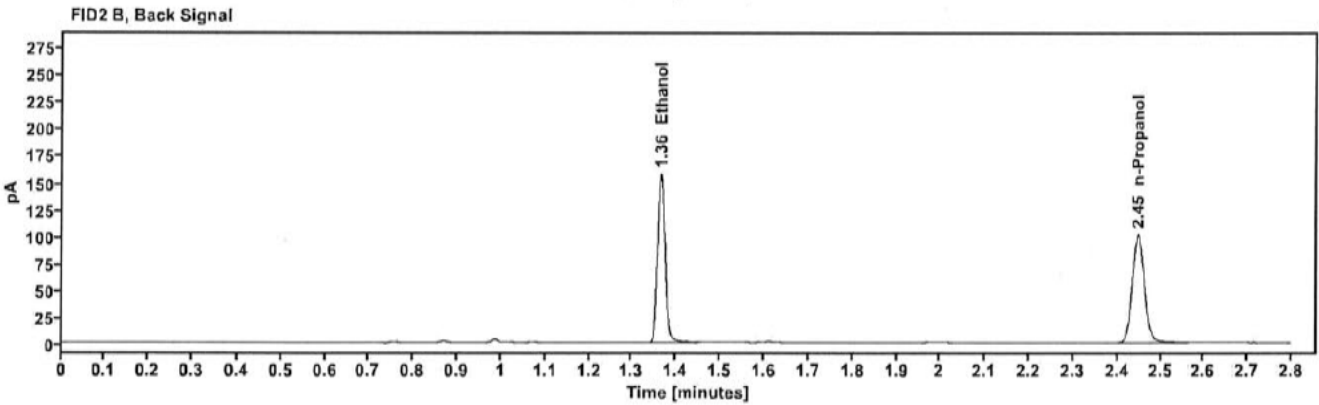
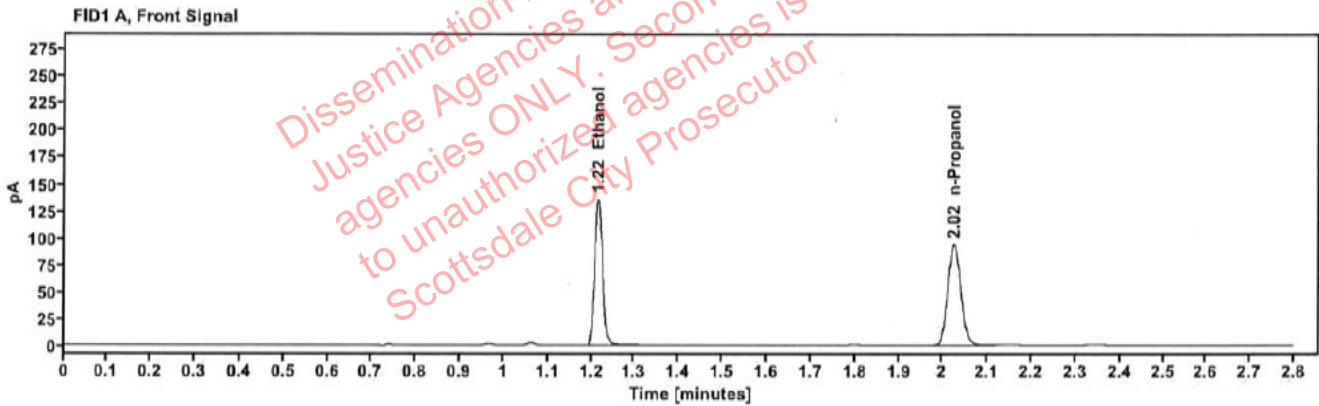


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2667	1.215	174.437
n-Propanol	-----	2.025	187.479

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

Compound	Time (min)	Peak Area
Ethanol	1.365	191.854
n-Propanol	2.448	203.690

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411968-2	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:10:13 PM
Data file:	C:\Chem32\1\Data\18Jun24\27.D	Analyst:	Canonico

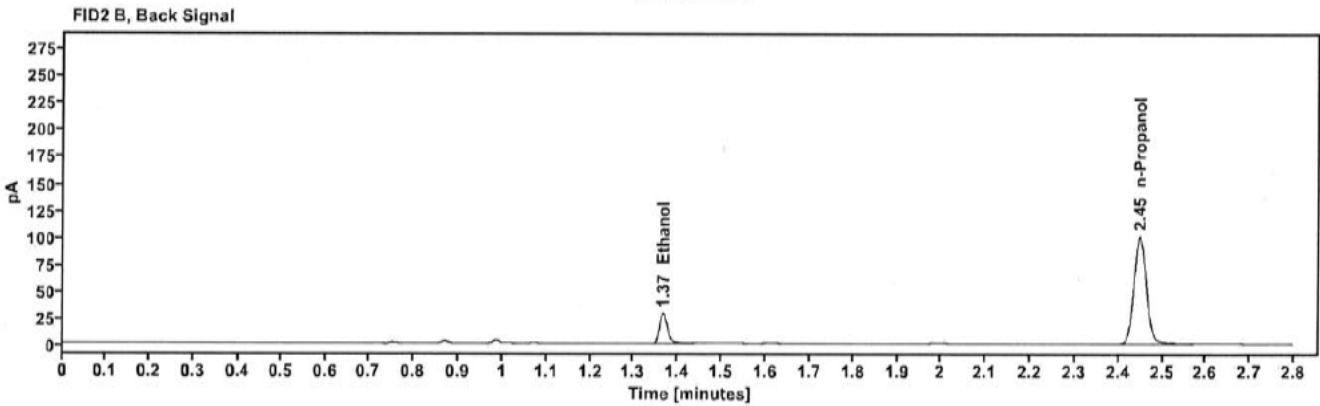
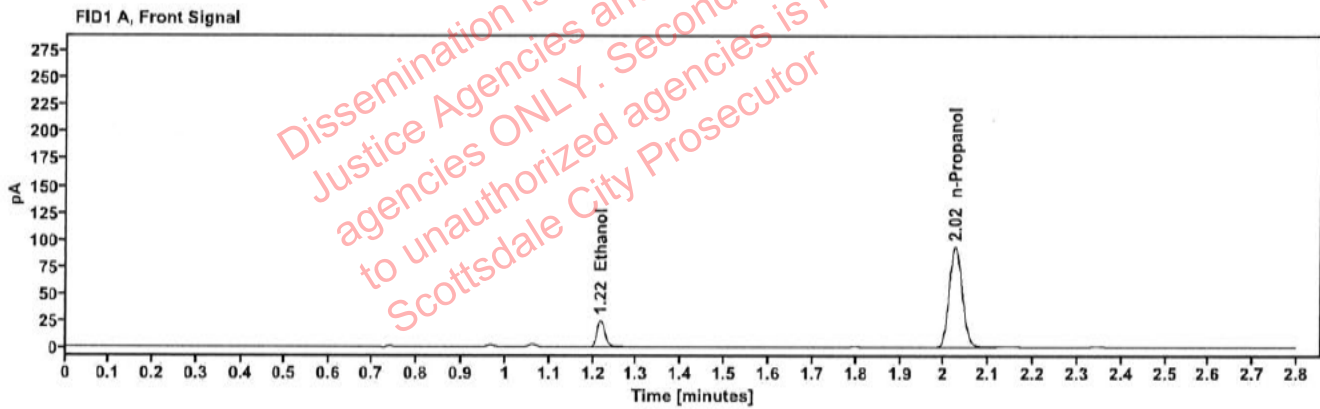


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0492	1.217	31.853
n-Propanol	-----	2.025	186.381

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

Compound	Time (min)	Peak Area
Ethanol	1.366	35.271
n-Propanol	2.448	202.651

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411968-2	Vial:	28
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:14:14 PM
Data file:	C:\Chem32\1\Data\18Jun24\28.D	Analyst:	Canonico

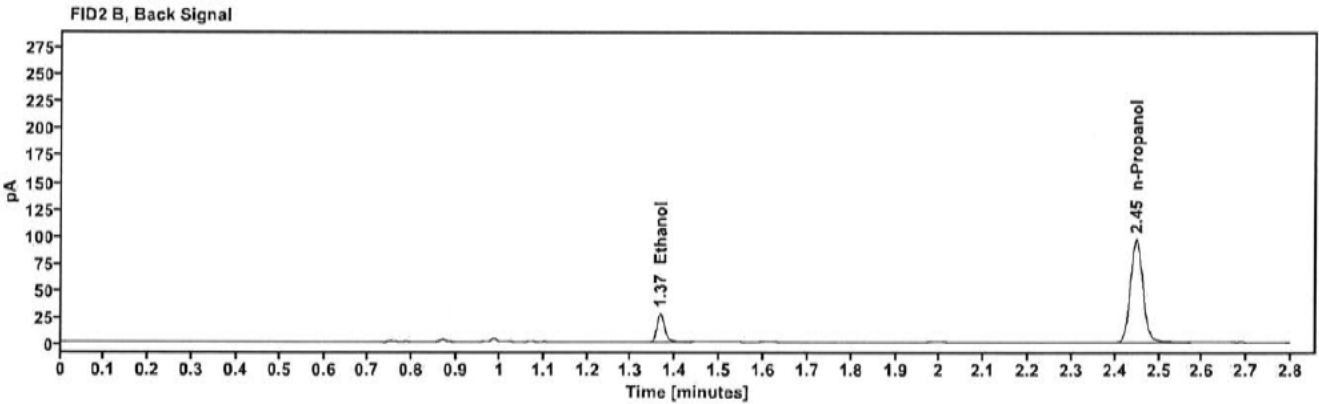
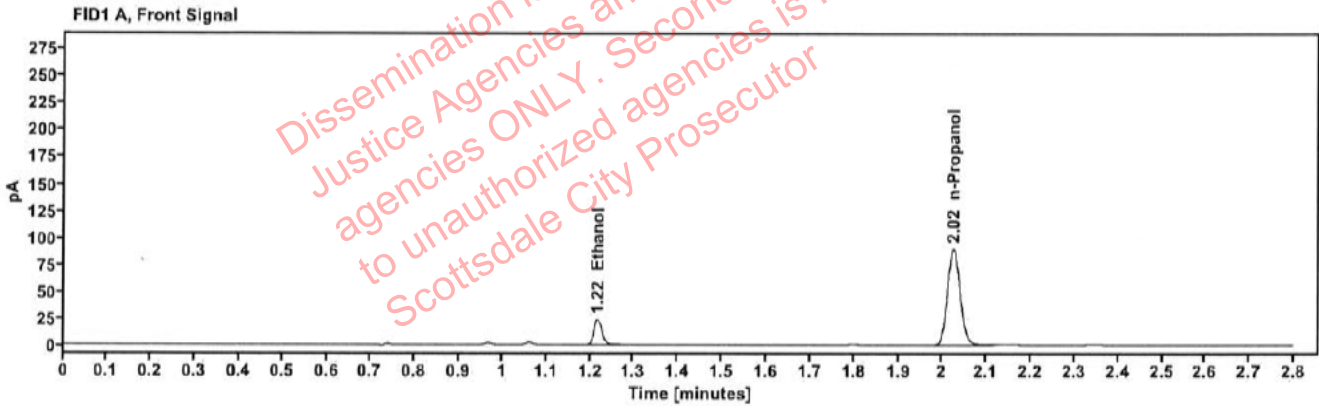


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0486	1.217	30.227
n-Propanol	-----	2.025	178.902

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

Compound	Time (min)	Peak Area
Ethanol	1.366	33.584
n-Propanol	2.448	194.615

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411810-1	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:18:13 PM
Data file:	C:\Chem32\1\Data\18Jun24\29.D	Analyst:	Canonico

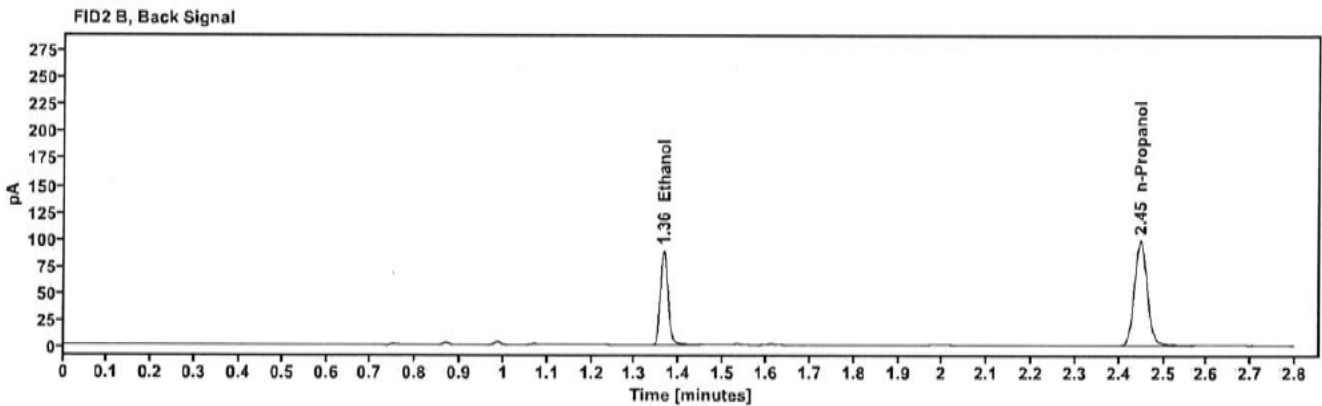
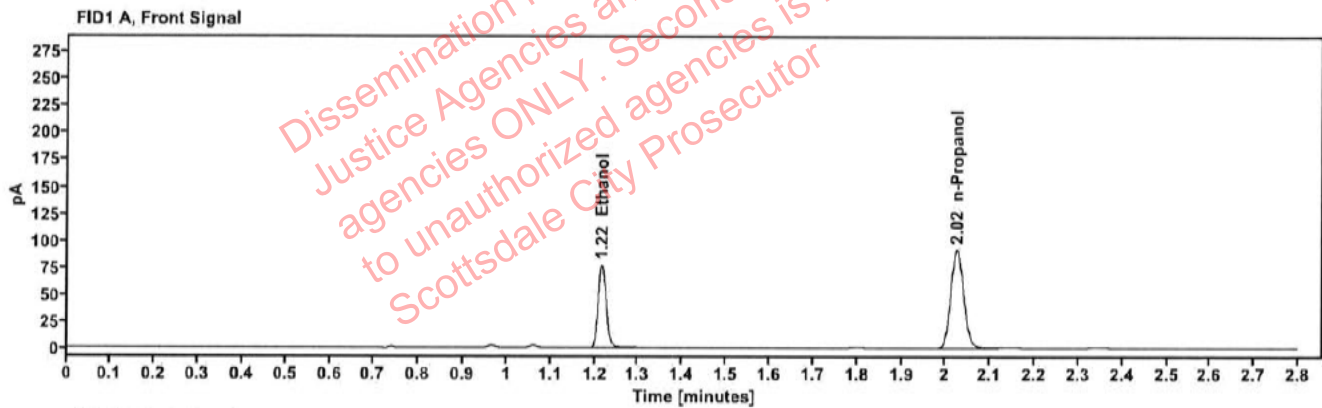


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1542	1.216	98.058
n-Propanol	---	2.025	182.379

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

Compound	Time (min)	Peak Area
Ethanol	1.365	107.618
n-Propanol	2.448	198.056

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411810-1	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:22:13 PM
Data file:	C:\Chem32\1\Data\18Jun24\30.D	Analyst:	Canonico

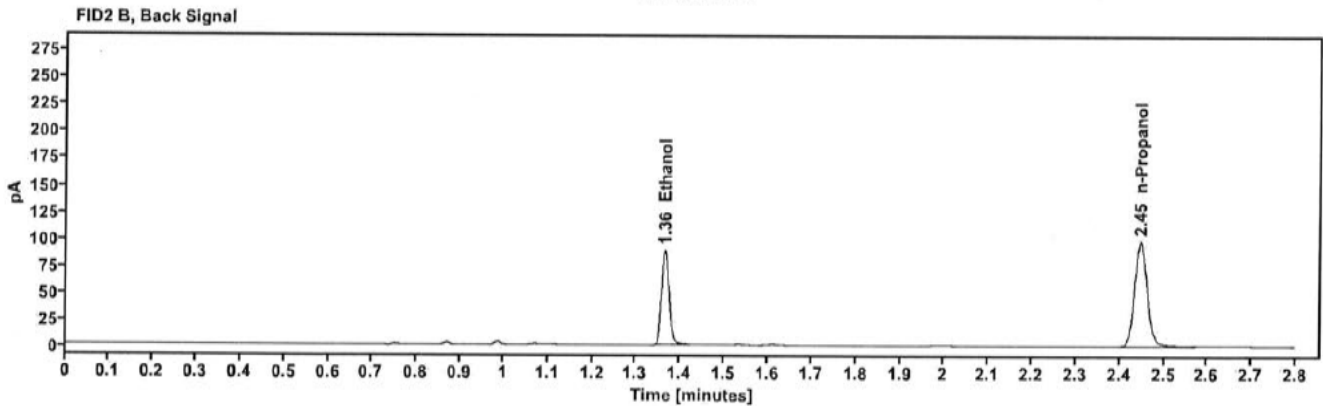
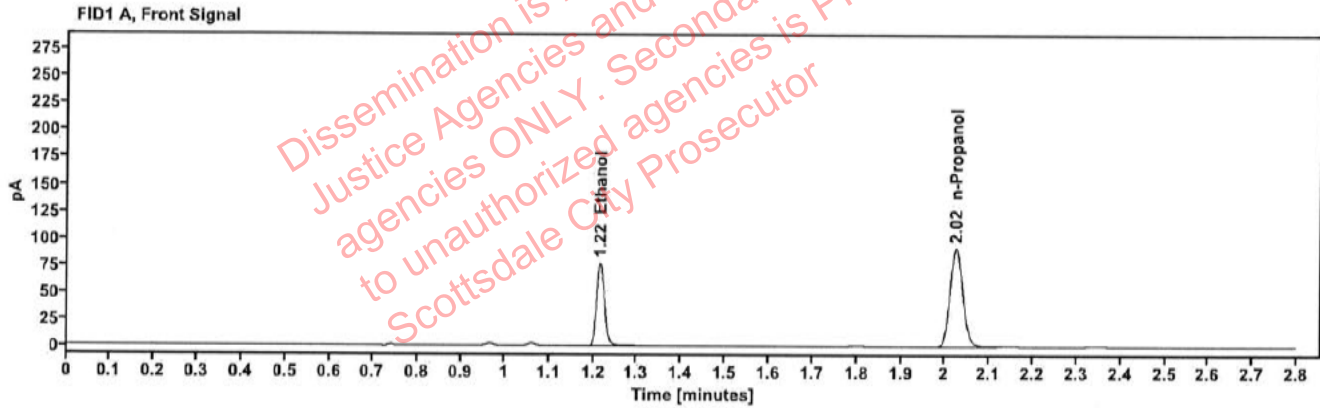


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1549	1.216	98.404
n-Propanol	-----	2.024	182.180

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

Compound	Time (min)	Peak Area
Ethanol	1.365	107.852
n-Propanol	2.448	198.035

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411971-1	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:30:29 PM
Data file:	C:\Chem32\1\Data\18Jun24\32.D	Analyst:	Canonico

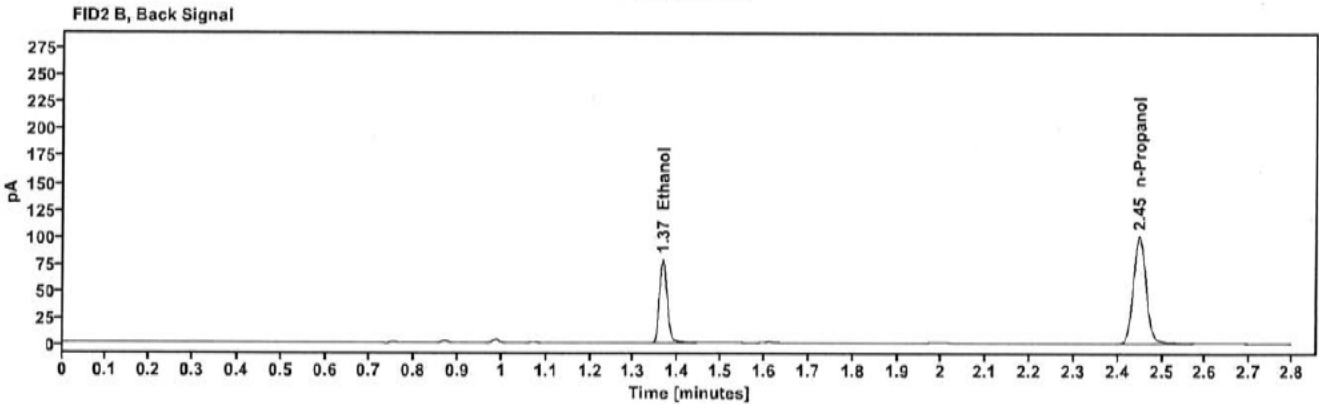
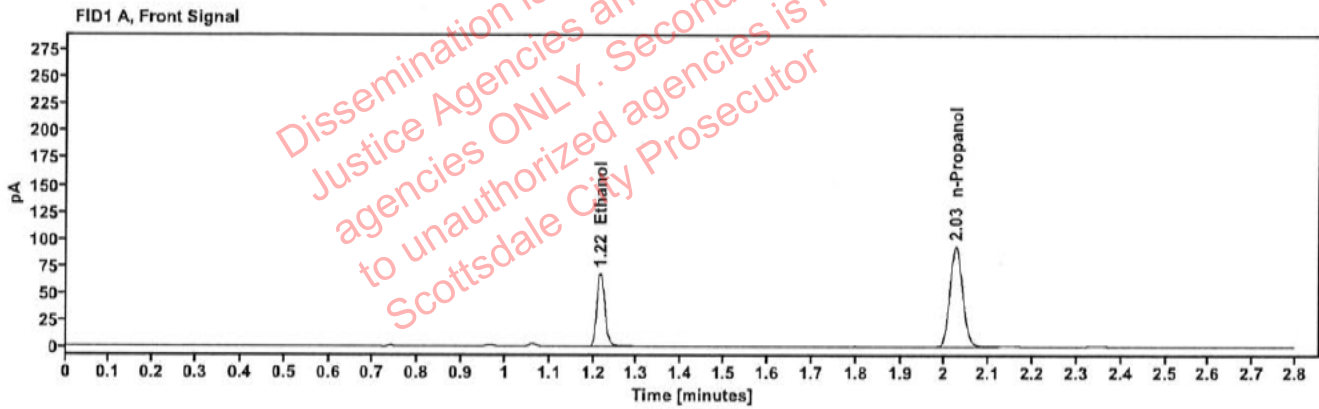


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1342	1.216	87.202
n-Propanol	-----	2.025	186.405

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

Compound	Time (min)	Peak Area
Ethanol	1.365	95.518
n-Propanol	2.448	202.841

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2411971-1	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:34:29 PM
Data file:	C:\Chem32\1\Data\18Jun24\33.D	Analyst:	Canonico

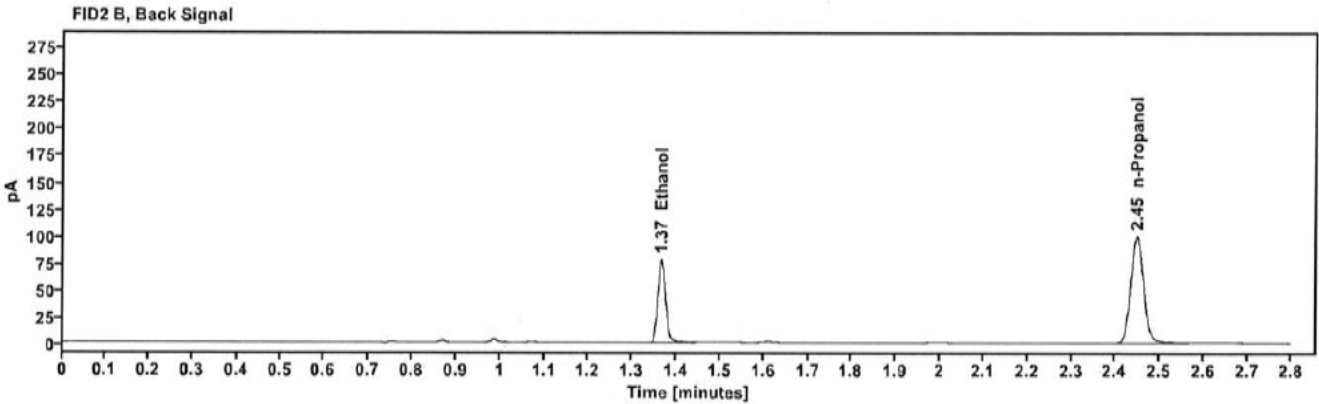
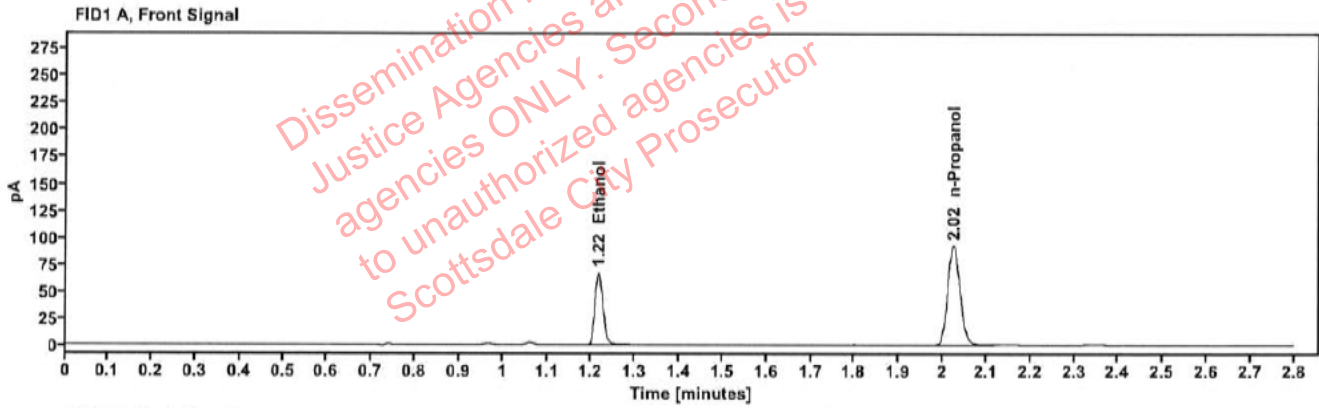


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1345	1.216	86.400
n-Propanol	-----	2.025	184.303

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

Compound	Time (min)	Peak Area
Ethanol	1.365	94.680
n-Propanol	2.448	200.365

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2412113-2	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:38:28 PM
Data file:	C:\Chem32\1\Data\18Jun24\34.D	Analyst:	Canonico

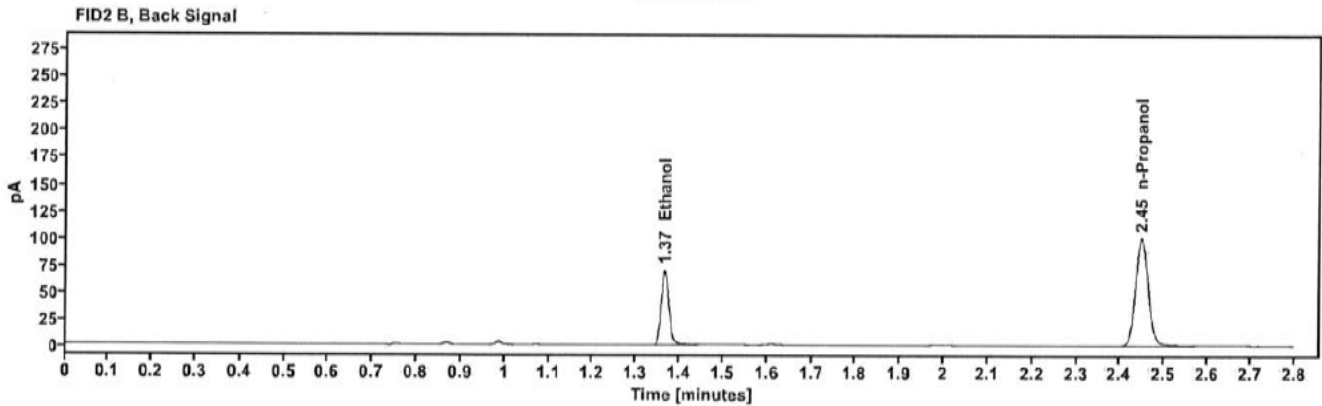
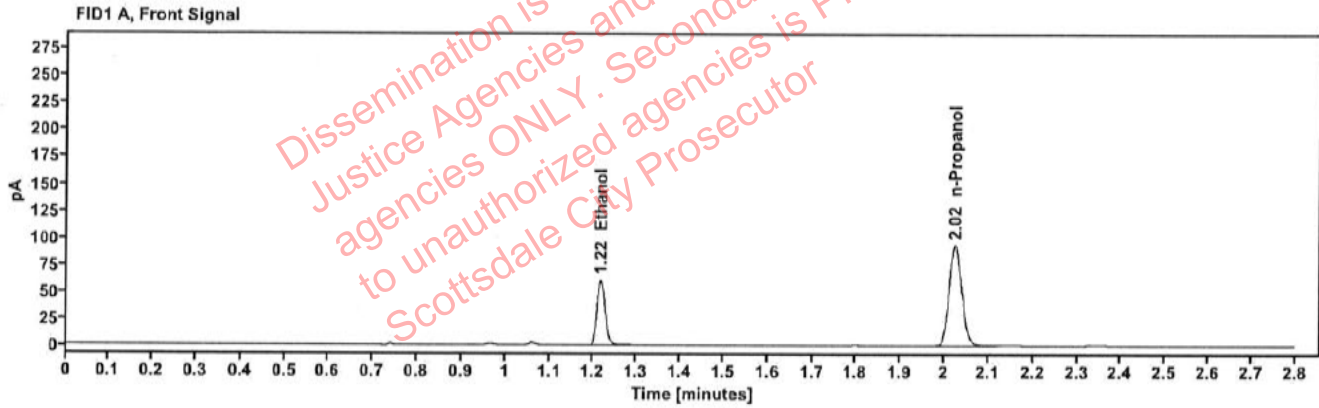


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1200	1.216	78.061
n-Propanol	-----	2.025	186.741

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

Compound	Time (min)	Peak Area
Ethanol	1.365	85.497
n-Propanol	2.448	202.777

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2412113-2	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:42:29 PM
Data file:	C:\Chem32\1\Data\18Jun24\35.D	Analyst:	Canonico

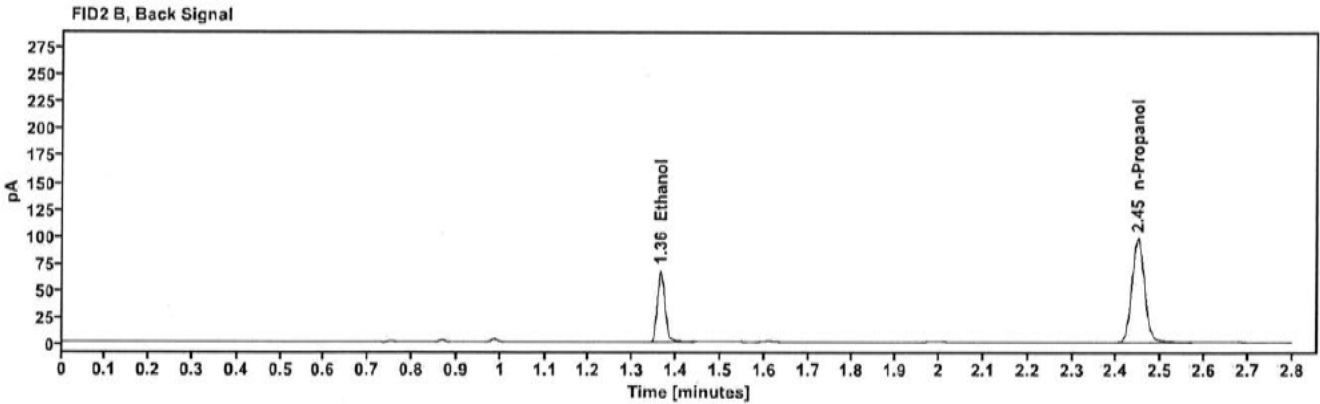
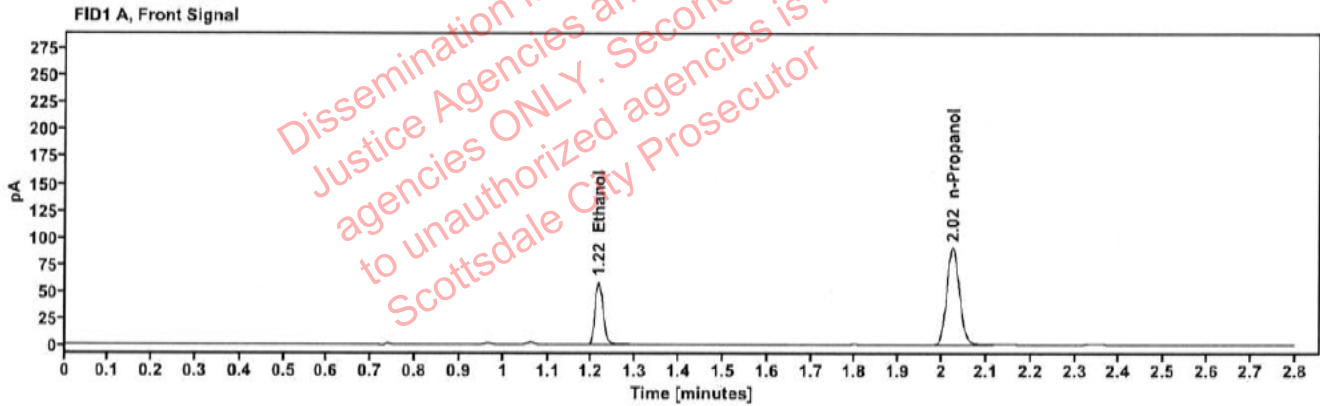


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1187	1.216	74.773
n-Propanol	-----	2.024	180.723

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

Compound	Time (min)	Peak Area
Ethanol	1.364	81.718
n-Propanol	2.447	196.532

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2412209-1	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:46:28 PM
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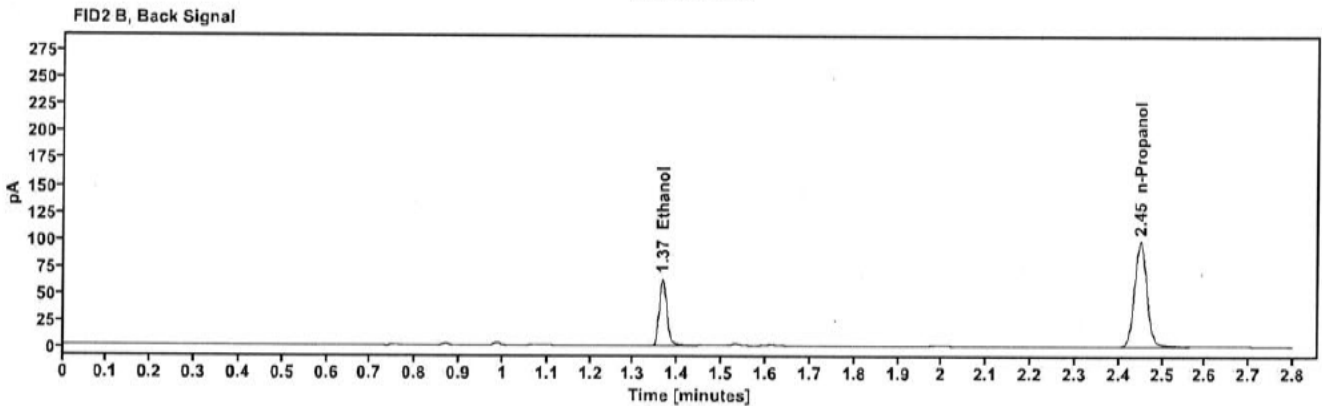
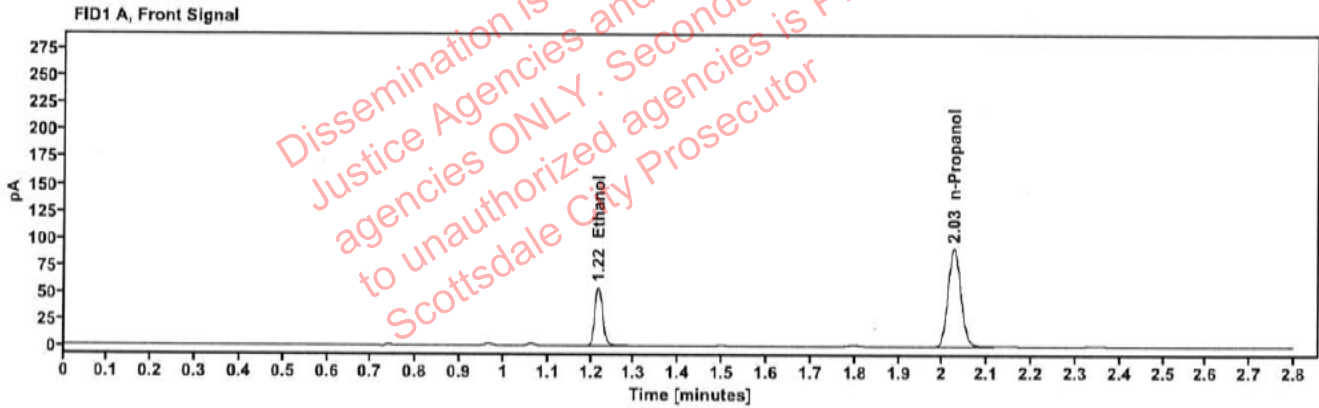


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1102	1.217	70.074
n-Propanol	-----	2.025	182.465

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

Compound	Time (min)	Peak Area
Ethanol	1.366	76.728
n-Propanol	2.449	197.944

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2412209-1	Vial:	37
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:50:43 PM
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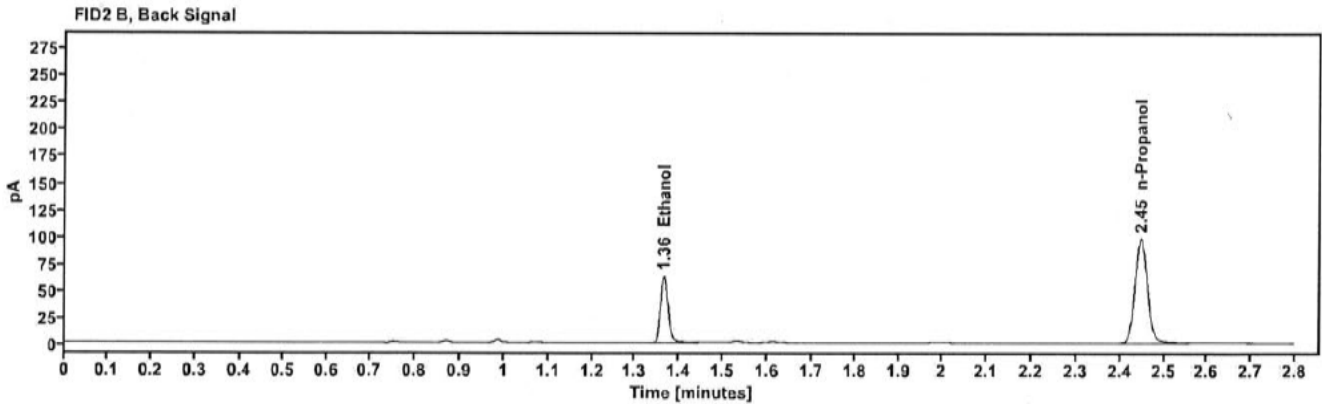
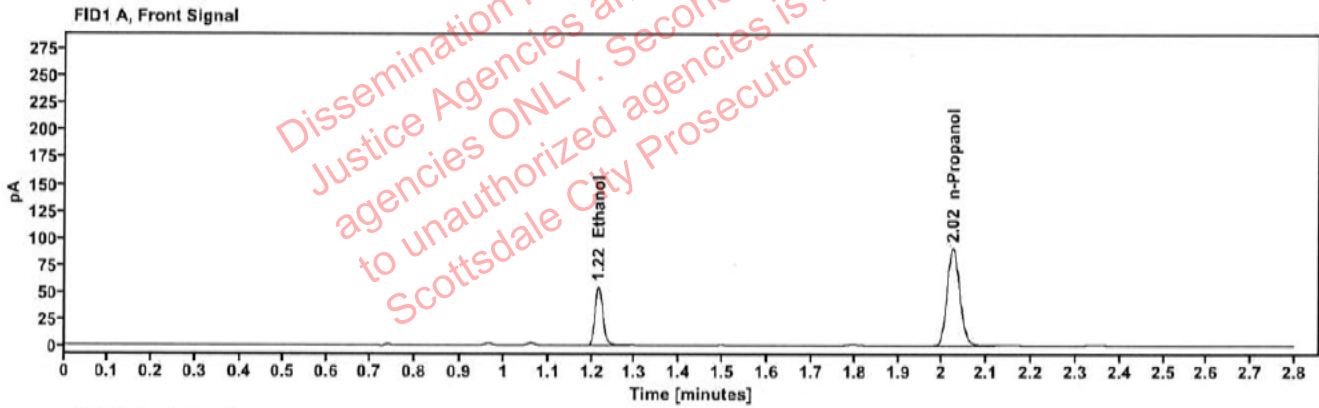


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1102	1.216	69.531
n-Propanol	-----	2.024	181.149

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

Compound	Time (min)	Peak Area
Ethanol	1.364	76.084
n-Propanol	2.448	196.340

[REDACTED]: Canonico, Erika - (18-Jun-2024)

Case: [REDACTED] User: ecanonico 6/18/2024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2403670-1	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:54:44 PM
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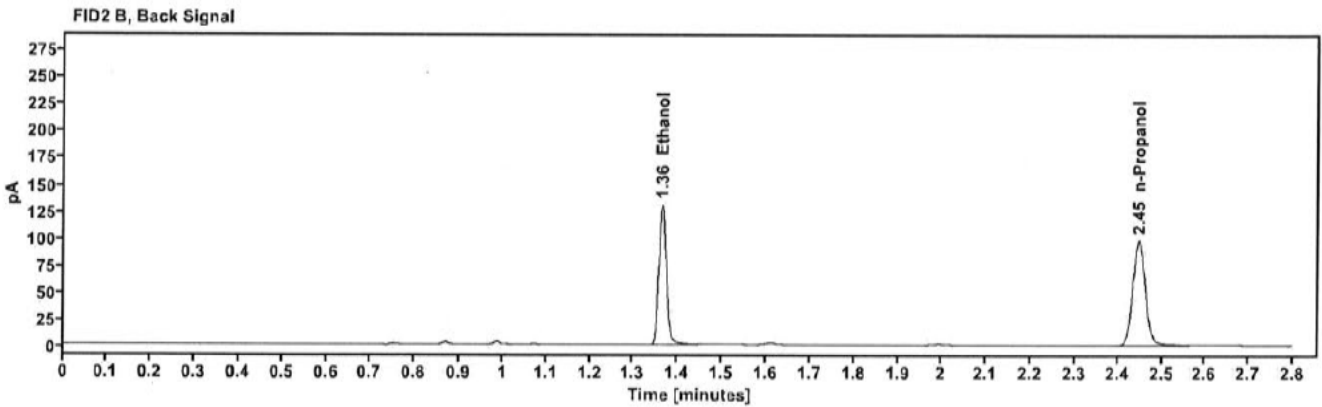
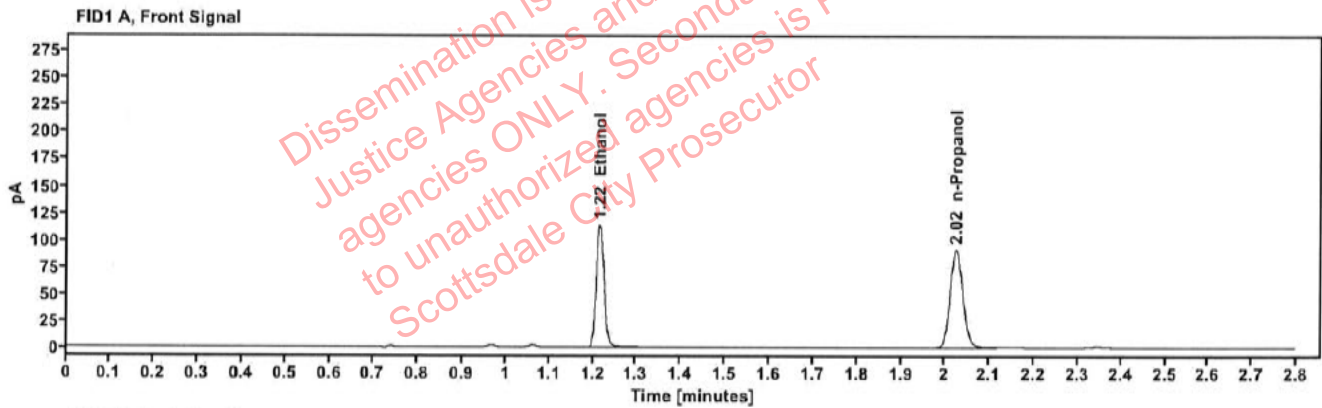


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2296	1.215	145.018
n-Propanol	-----	2.025	181.089

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

Compound	Time (min)	Peak Area
Ethanol	1.364	159.301
n-Propanol	2.448	196.477

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2403670-1	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 12:58:43 PM
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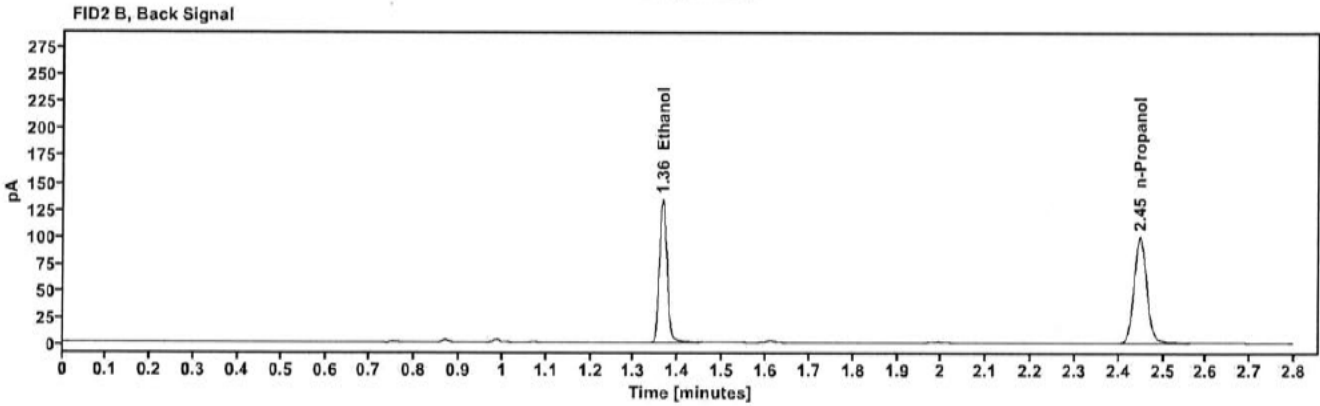
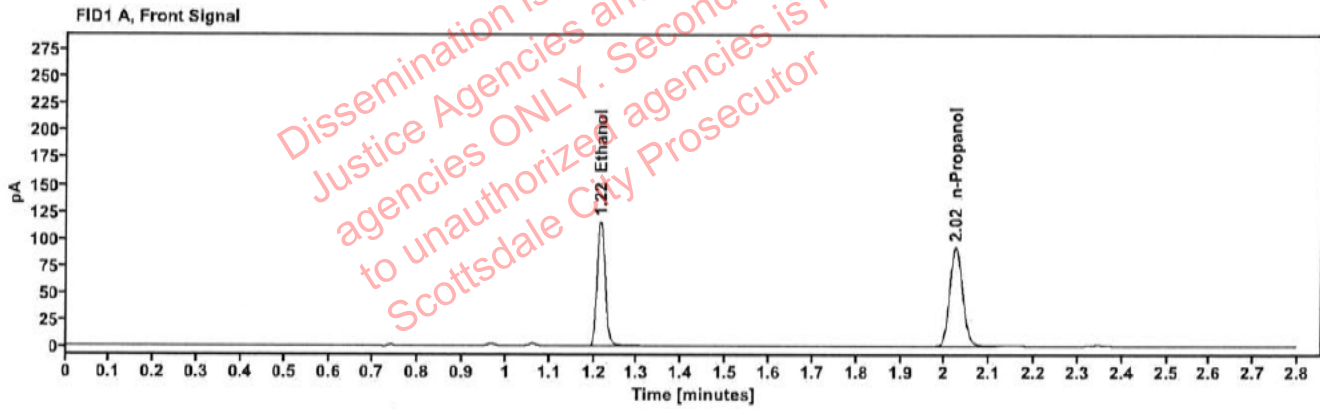


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2291	1.216	148.348
n-Propanol	-----	2.025	185.654

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

Compound	Time (min)	Peak Area
Ethanol	1.365	162.954
n-Propanol	2.448	199.784

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	40
Description:	Lipomed 0.040	LIMS ID:	verification
Method:	ethanol quant.M	Sequence:	18Jun24
Instrument:	US14173023 CN14160045	Injection date:	6/18/2024 1:02:44 PM
Data file:	C:\Chem32\1\Data\18Jun24\40.D	Analyst:	Canonico <i>ec</i>

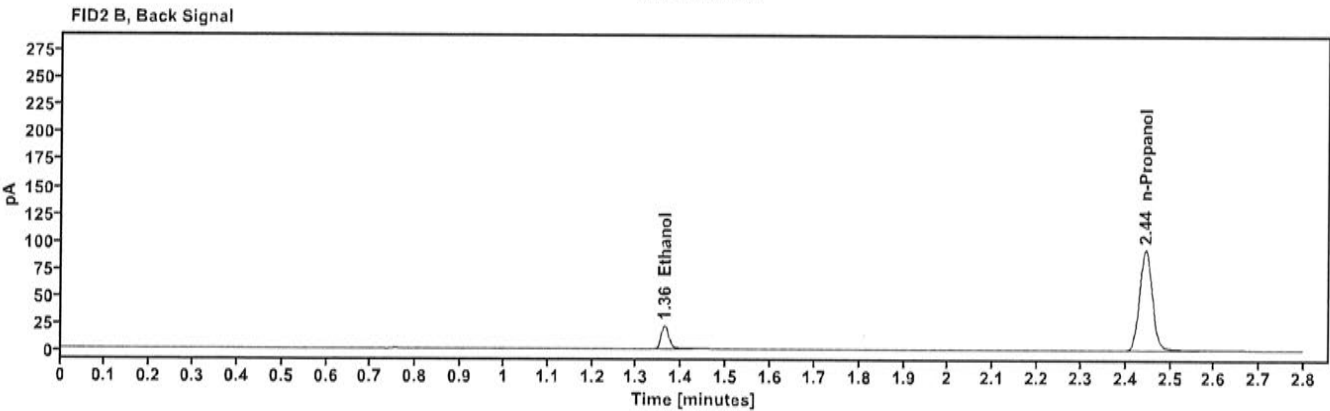
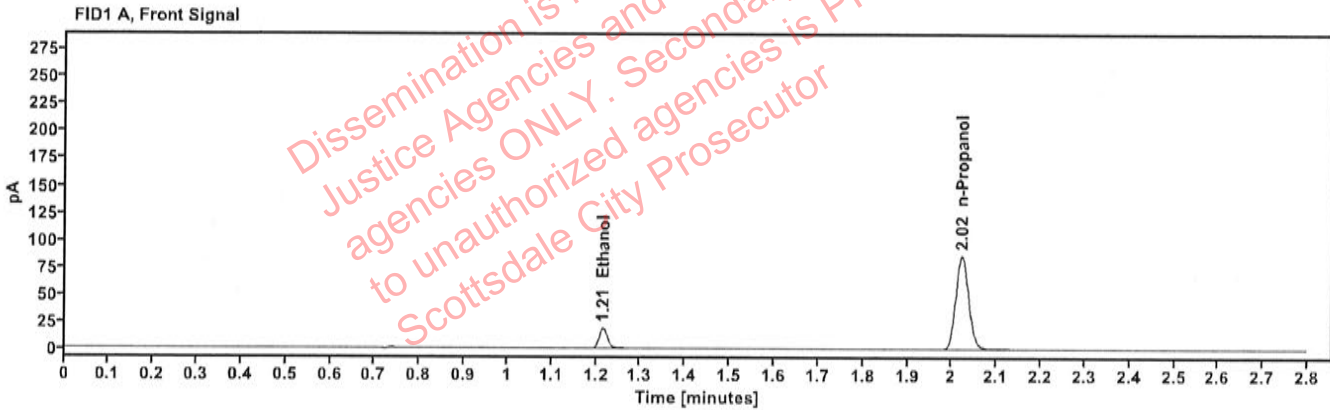


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0399	1.215	23.896
n-Propanol	-----	2.022	172.396

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

Compound	Time (min)	Peak Area
Ethanol	1.362	26.145
n-Propanol	2.444	186.756

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 518018	Vial: 41
Description: Lipomed 0.040	LIMS ID: verification
Method: ethanol quant.M	Sequence: 18Jun24
Instrument: US14173023 CN14160045	Injection date: 6/18/2024 1:06:44 PM
Data file: C:\Chem32\1\Data\18Jun24\41.D	Analyst: Canonico <i>EC</i>

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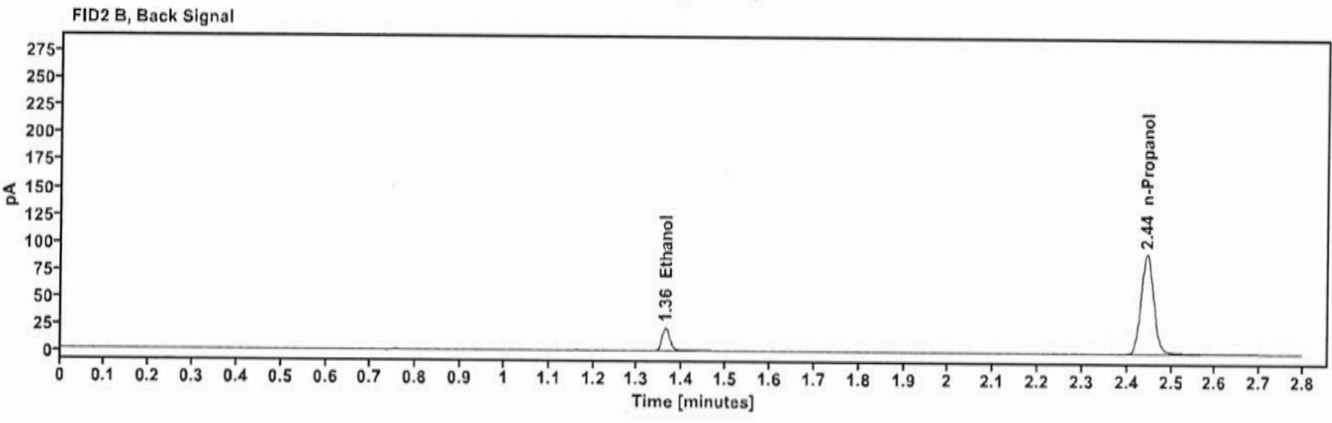
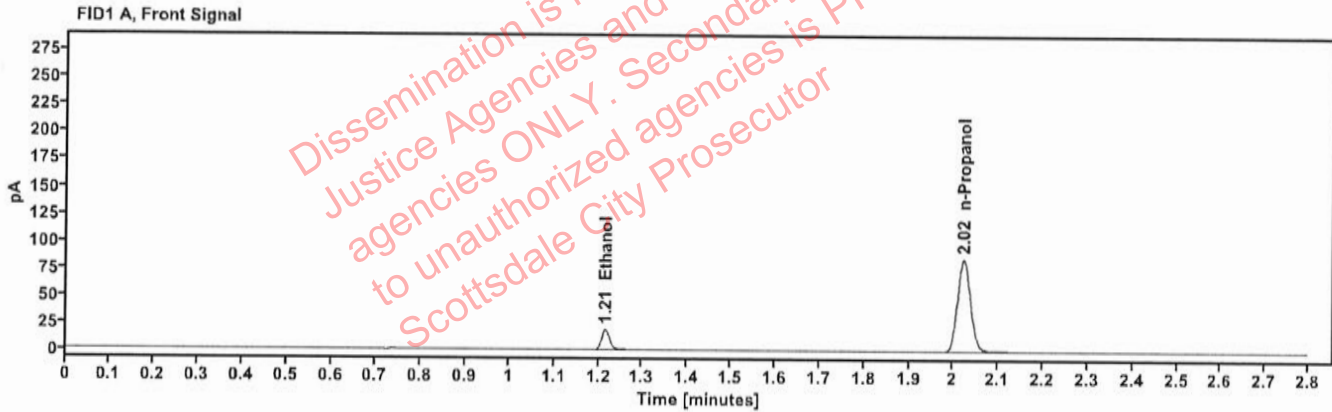


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0398	1.215	23.525
n-Propanol	-----	2.022	170.485

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

Compound	Time (min)	Peak Area
Ethanol	1.362	25.654
n-Propanol	2.444	184.780