

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY

BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 05/13/25

SEQUENCE NAME 13May25

EQUIPMENT

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

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r^2)
 Vial 2 0.10 calibrator Lot FN03072301 0.99998
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 111224WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
9	Blood control	0.203 g/dL	0.204 g/dL	ACQ 4130622206/10
20	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed 517758
31	Aqueous control	0.100 g/dL	0.100 g/dL	Lipomed 517758
42	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 12052023-B
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
44	Blood control	0.203 g/dL	0.201 g/dL	ACQ 4130622206/10
45	Blank	Not detected	Not detected	SPD lab 032725AQ

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid ☒
 Run invalid ☐

Erika Canonico
 Analyst

Run valid ☒
 Run invalid ☐

Philip B. Smith
 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 13May25

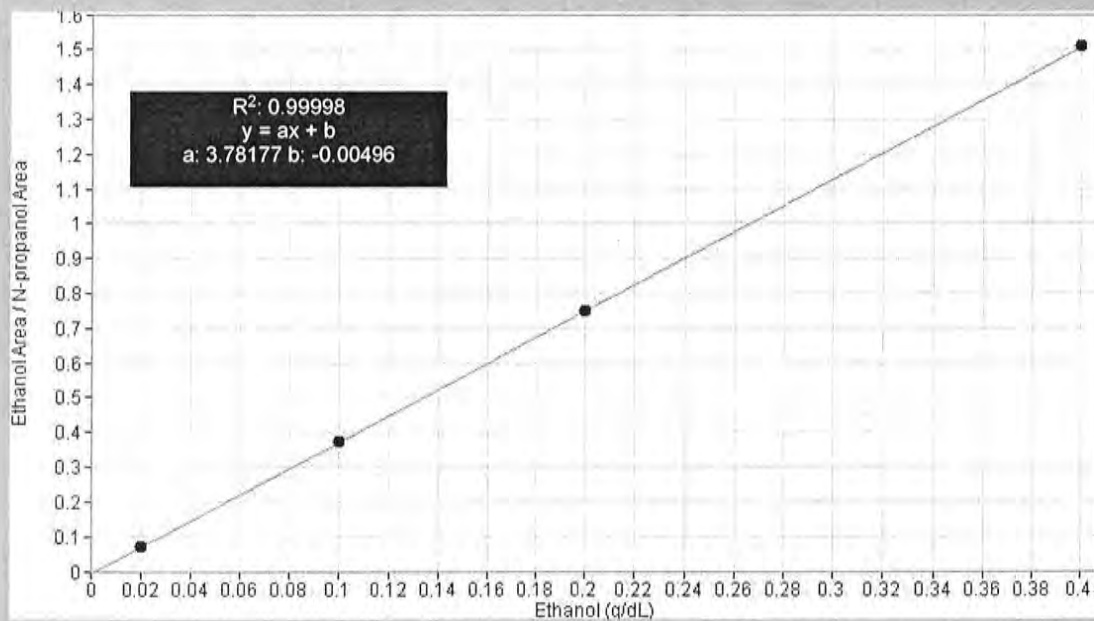
ANALYST: Canonico

82

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 111224VWB	5	negative	negative	-	-
0.400 12052023-B	7	0.402	0.400	0.50	0.002
0.040 518018	8	0.041	0.040	2.50	0.001
0.203 4130622206/10	9	0.204	0.203	0.49	0.001
0.100 517758	20	0.101	0.100	1.00	0.001
0.100 517758	31	0.100	0.100	0.00	0.000
0.400 12052023-B	42	0.402	0.400	0.50	0.002
0.040 518018	43	0.041	0.040	2.50	0.001
0.203 4130622206/10	44	0.201	0.203	0.99	-0.002
blank 032725AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.530	158.514	0.073
0.100	58.956	158.092	0.373
0.200	120.179	160.687	0.748
0.400	240.928	159.612	1.510

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03122113	Vial:	1
Description:	0.020 calibrator	Sequence:	13May25
Method:	ethanol quant.M	Injection date:	5/13/2025 10:06:27 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>ee</i>
Data file:	C:\Chem32\11\Data\13May25\1.D		

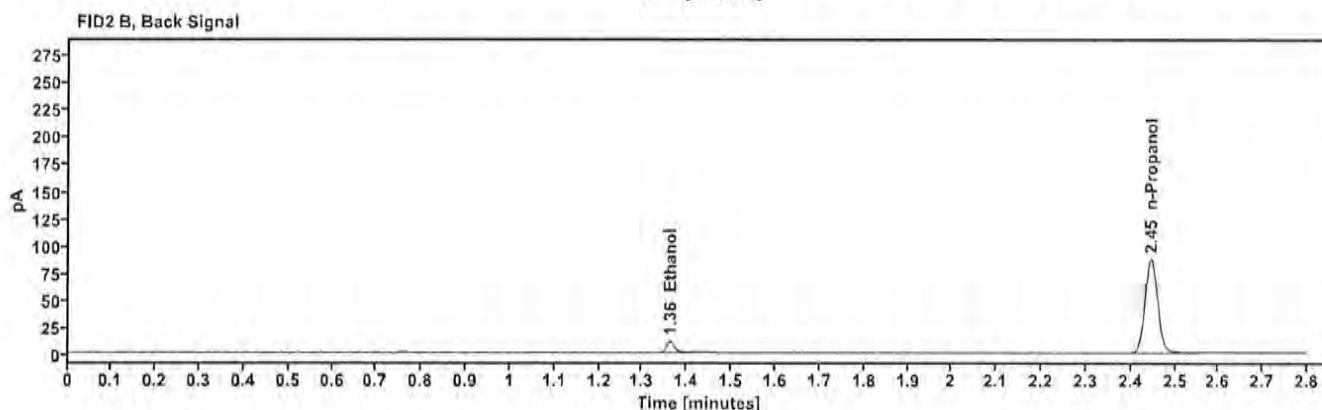
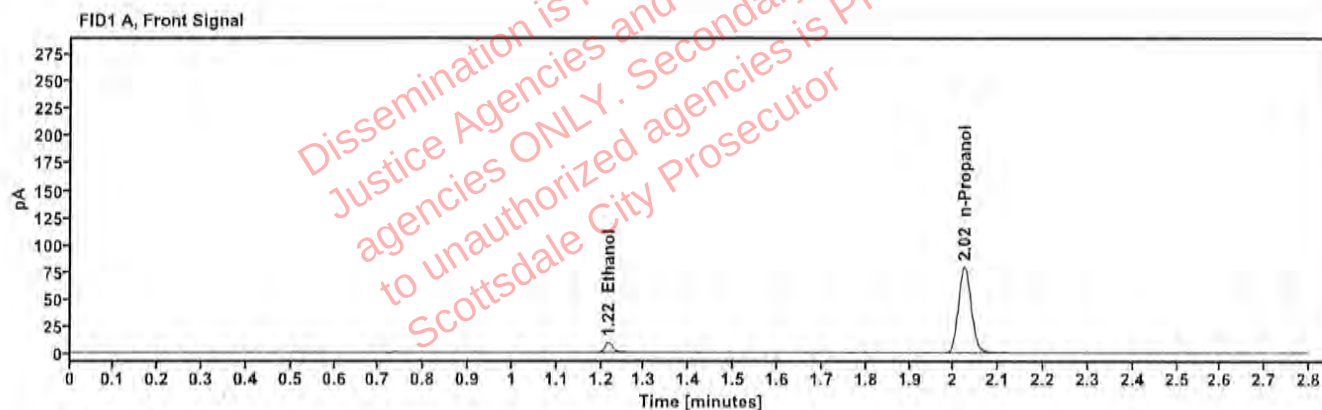


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.216	11.530
n-Propanol	2.024	158.514

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

Compound	Time (min)	Peak Area
Ethanol	1.362	12.635
n-Propanol	2.446	172.982

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03072301	Vial:	2
Description:	0.100 calibrator	Sequence:	13May25
Method:	ethanol quant.M	Injection date:	5/13/2025 10:10:28 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>EC</i>
Data file:	C:\Chem32\1\Data\13May25\2.D		

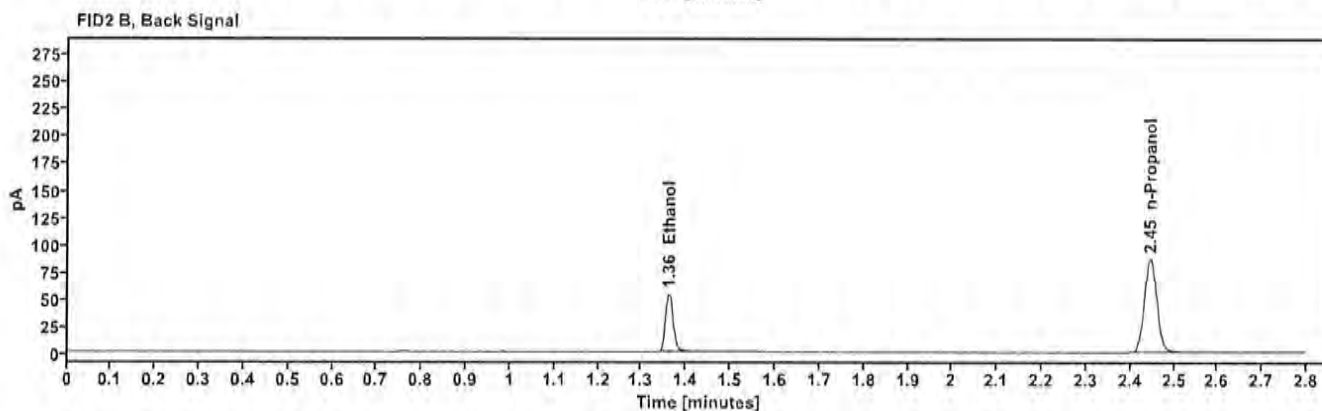
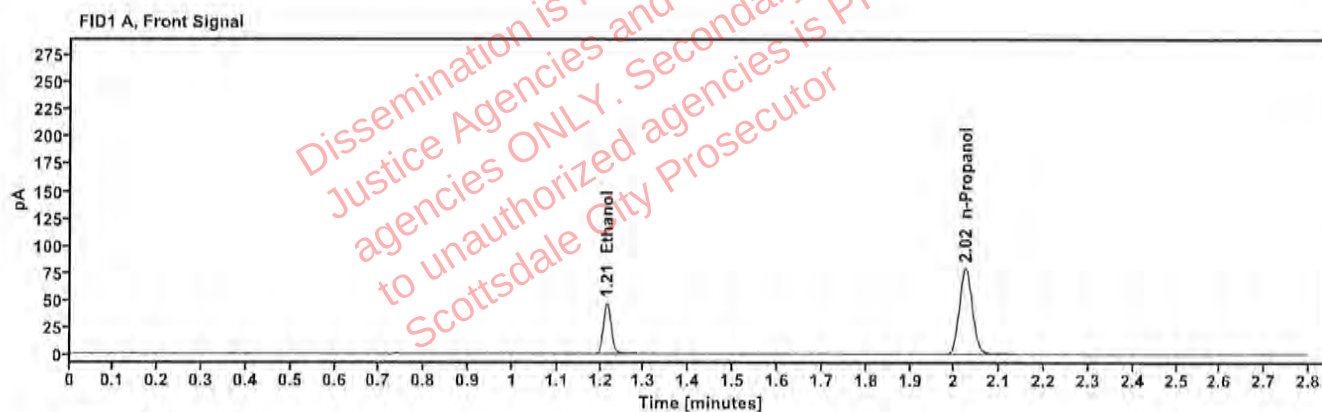


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.214	58.956
n-Propanol	2.024	158.092

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

Compound	Time (min)	Peak Area
Ethanol	1.361	64.582
n-Propanol	2.445	172.158

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03132302	Vial:	3
Description:	0.200 calibrator	Sequence:	13May25
Method:	ethanol quant.M	Injection date:	5/13/2025 10:14:28 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>ee</i>
Data file:	C:\Chem32\1\Data\13May25\3.D		

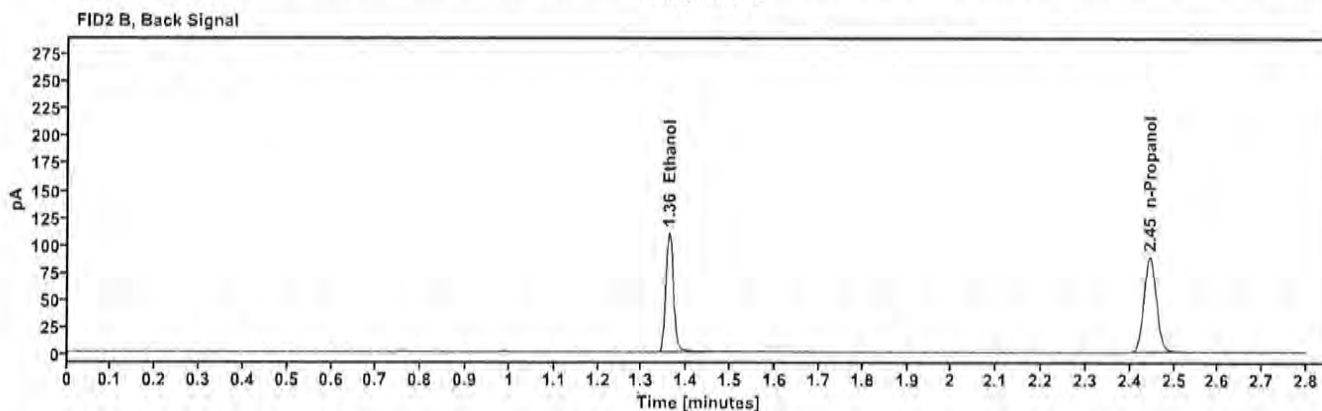
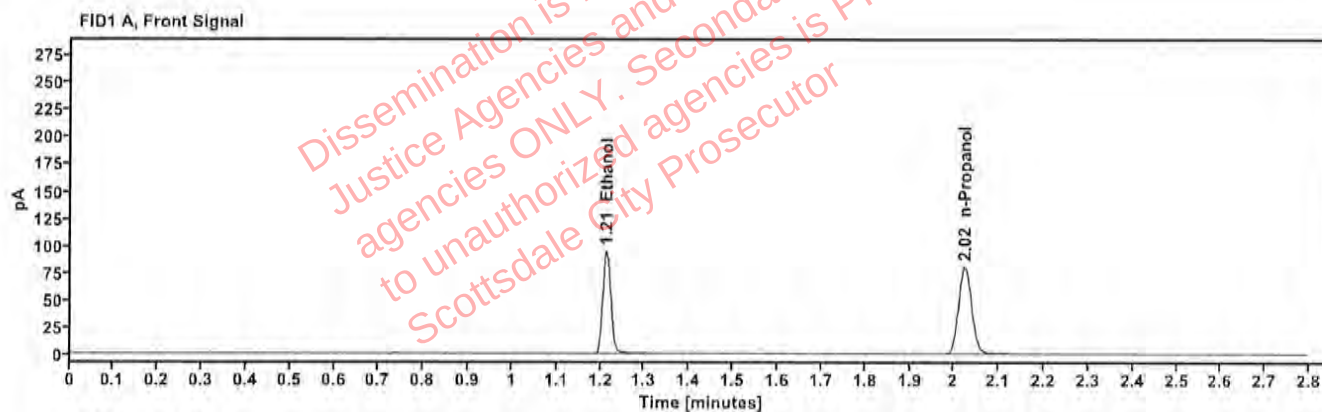


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	120.179
n-Propanol	2.023	160.687

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

Compound	Time (min)	Peak Area
Ethanol	1.360	132.225
n-Propanol	2.445	174.960

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	13May25
Method:	ethanol quant.M	Injection date:	5/13/2025 10:18:27 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>ec</i>
Data file:	C:\Chem32\1\Data\13May25\4.D		

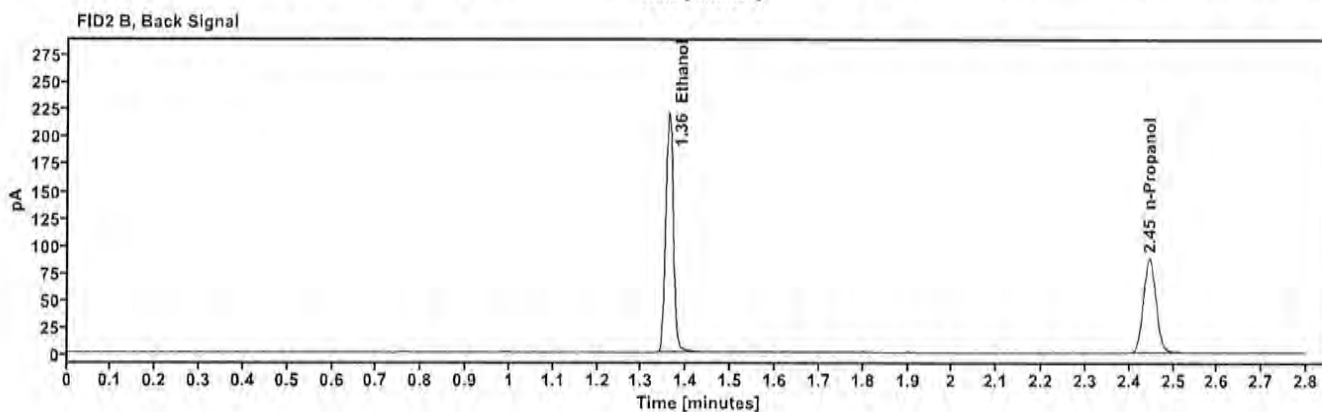
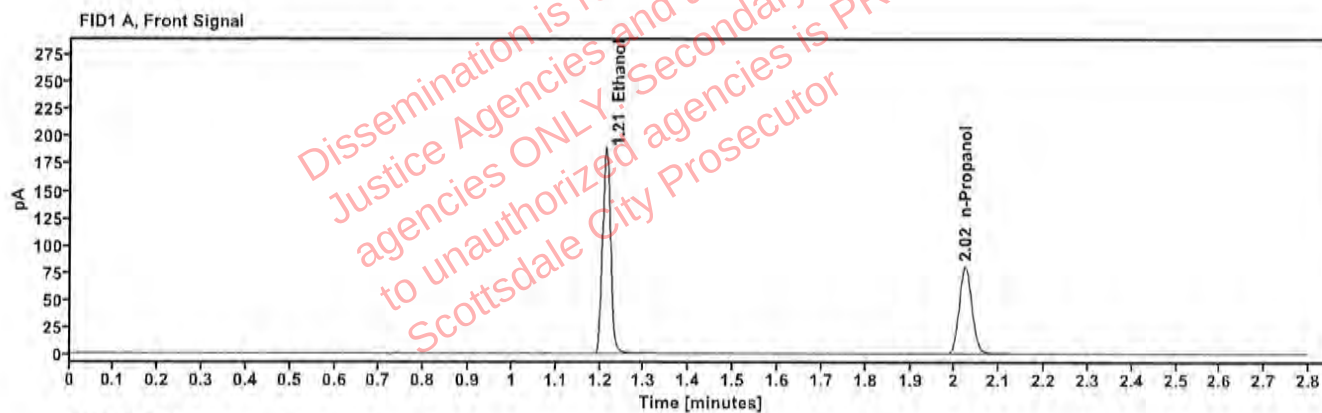


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	240.928
n-Propanol	2.023	159.612

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

Compound	Time (min)	Peak Area
Ethanol	1.360	265.519
n-Propanol	2.445	173.618

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111224WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 10:22:28 AM
Data file:	C:\Chem32\1\Data\13May25\5.D	Analyst:	Canonico <i>EC</i>

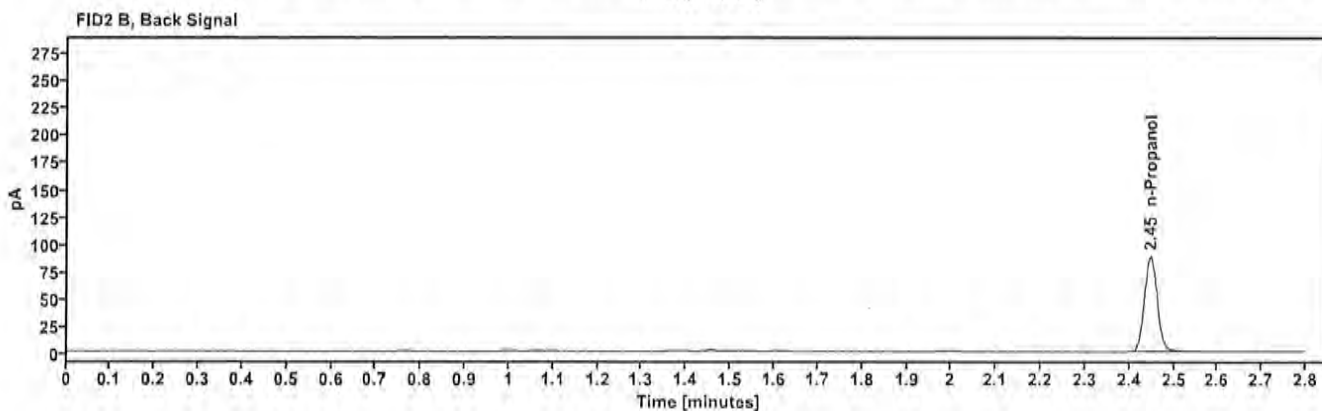
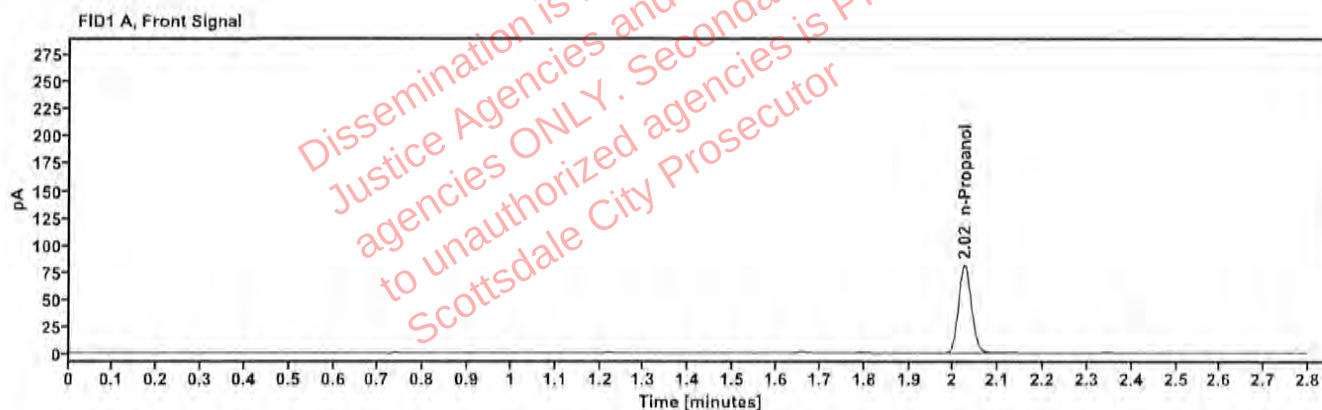


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.025	161.459

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

Compound	Time (min)	Peak Area
n-Propanol	2.447	175.809

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 10:26:28 AM
Data file:	C:\Chem32\1\Data\13May25\6.D	Analyst:	Canonico <i>EC</i>

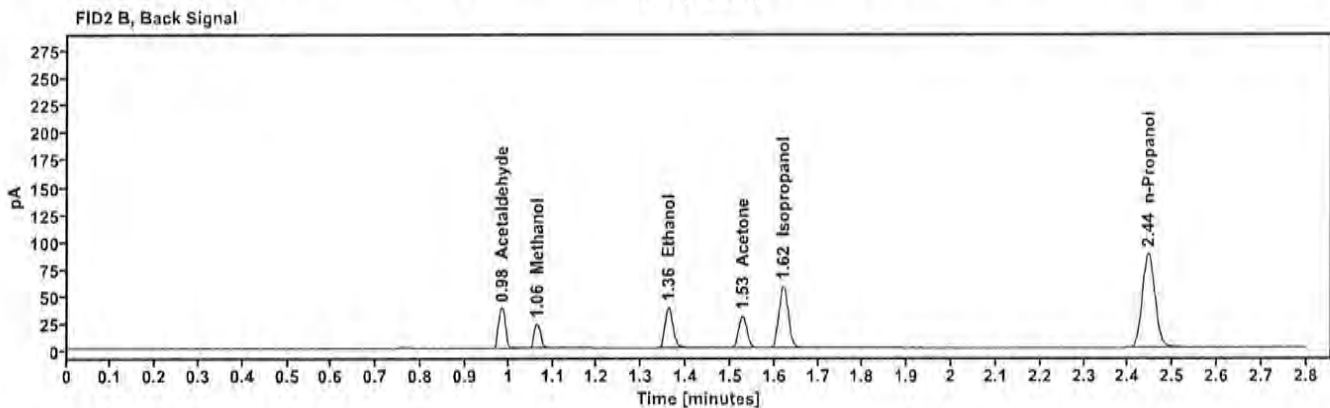
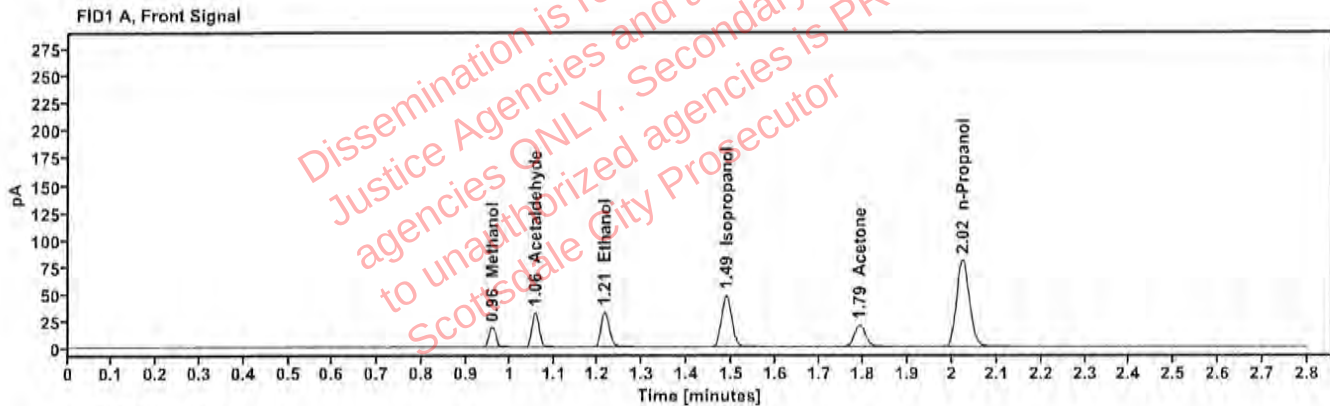


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.960	20.859
Acetaldehyde	-----	1.059	35.772
>Ethanol	0.0700	1.214	41.661
Isopropanol	-----	1.488	76.910
Acetone	-----	1.791	34.866
n-Propanol	-----	2.023	160.307

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	40.106
Methanol	1.064	23.194
Ethanol	1.361	45.562
Acetone	1.527	38.515
Isopropanol	1.620	84.866
n-Propanol	2.445	174.259

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 10:30:43 AM
Data file:	C:\Chem32\1\Data\13May25\7.D	Analyst:	Canonico <i>EC</i>

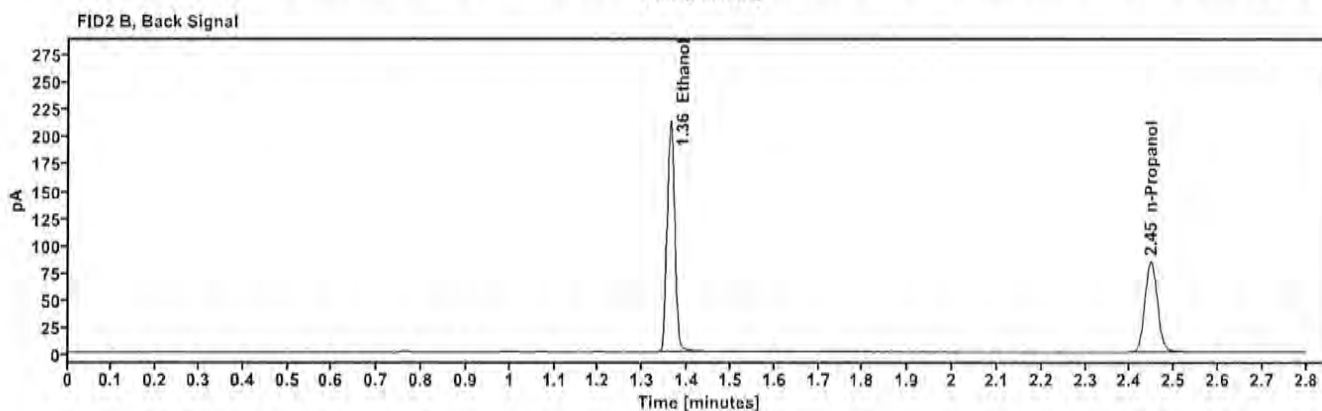
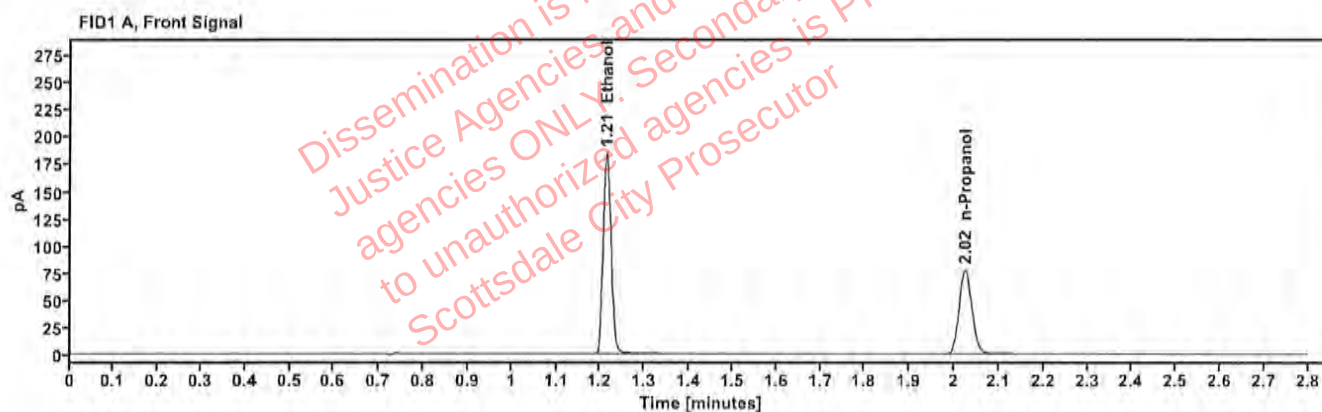


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4023	1.214	233.879
n-Propanol		2.024	154.227

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

Compound	Time (min)	Peak Area
Ethanol	1.361	257.424
n-Propanol	2.446	167.327

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 10:34:43 AM
Data file:	C:\Chem32\1\Data\13May25\8.D	Analyst:	Canonico <i>EC</i>

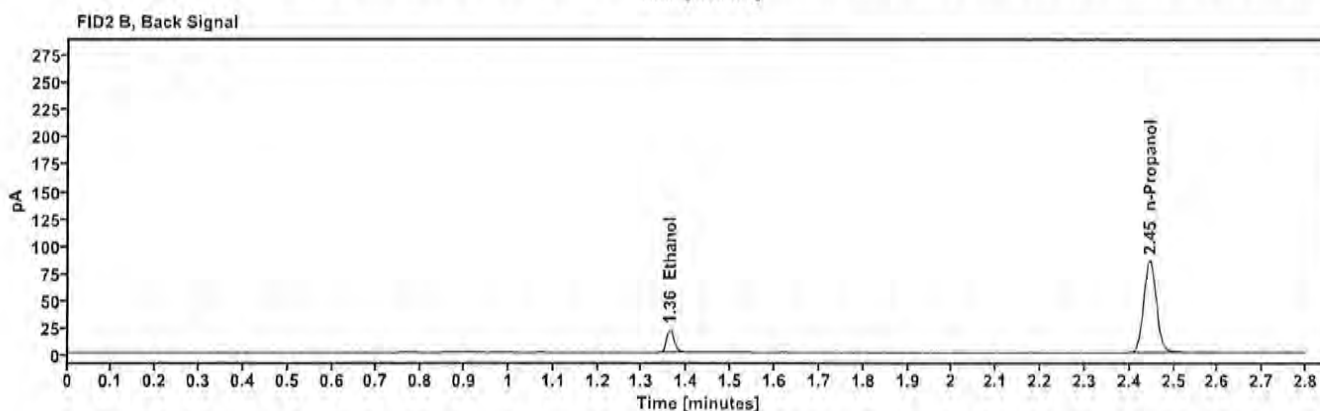
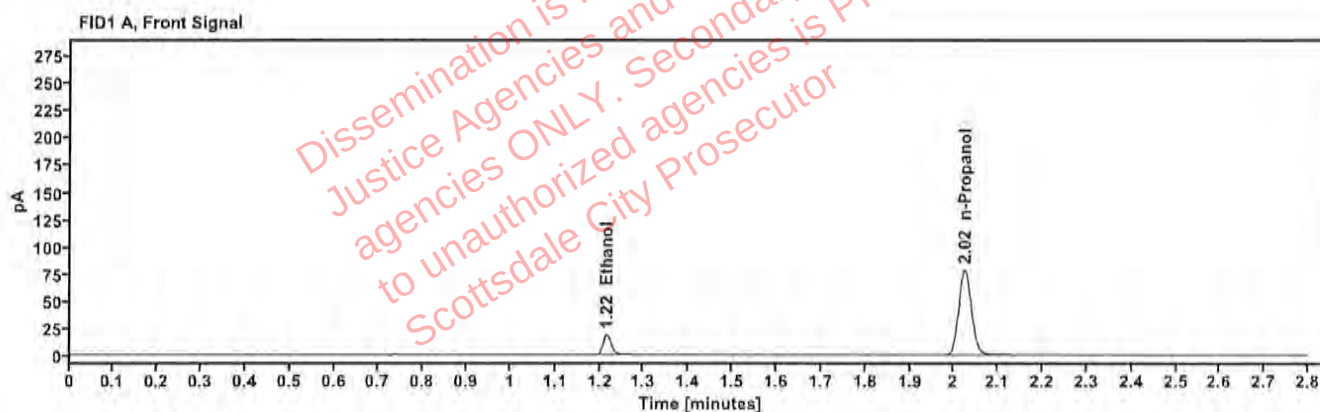


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.215	23.509
n-Propanol	-----	2.024	156.566

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

Compound	Time (min)	Peak Area
Ethanol	1.362	25.648
n-Propanol	2.446	170.175

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	Vial:	9
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 10:38:43 AM
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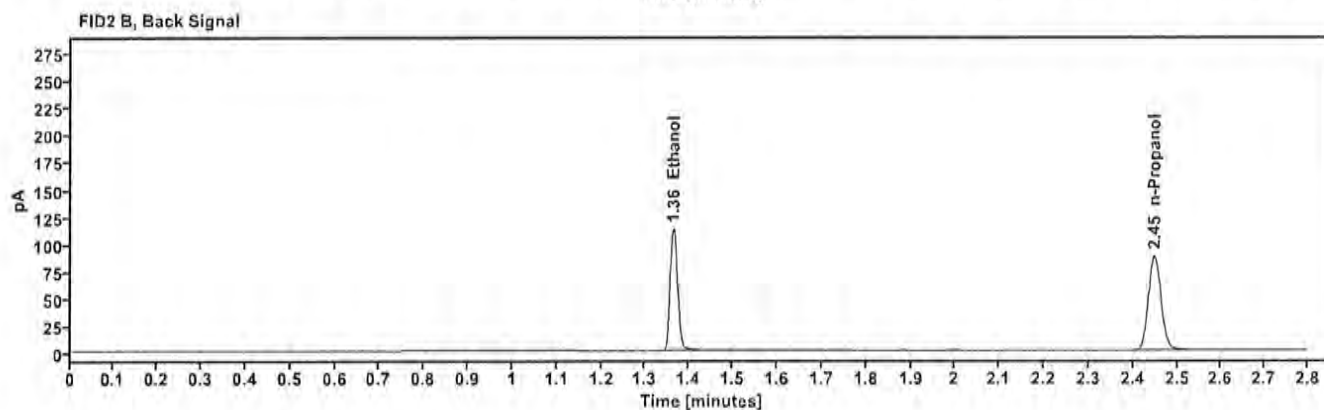
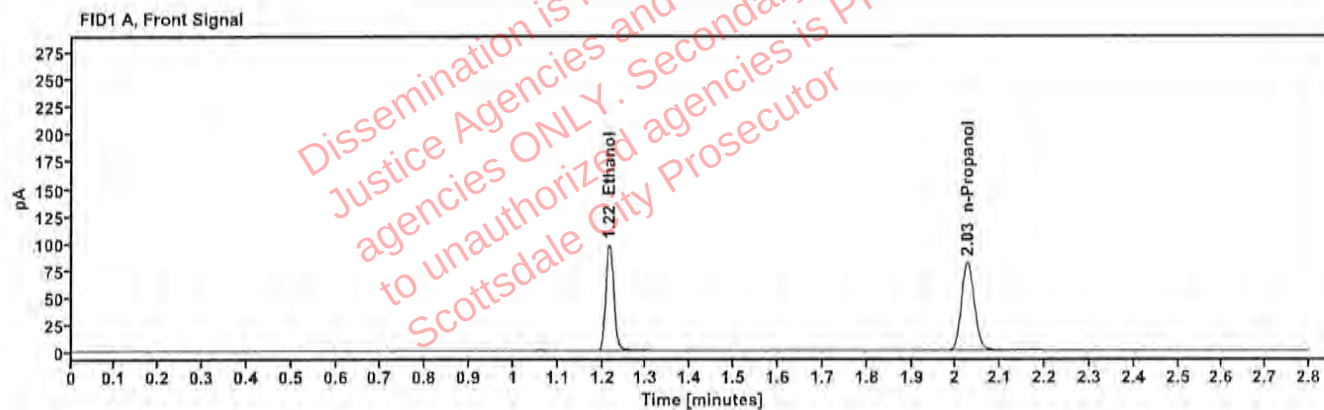


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2040	1.216	123.914
n-Propanol	—	2.026	161.625

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

Compound	Time (min)	Peak Area
Ethanol	1.364	136.375
n-Propanol	2.449	175.615

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:23:13 AM
Data file:	C:\Chem32\1\Data\13May25\20.D	Analyst:	Canonico <i>EC</i>

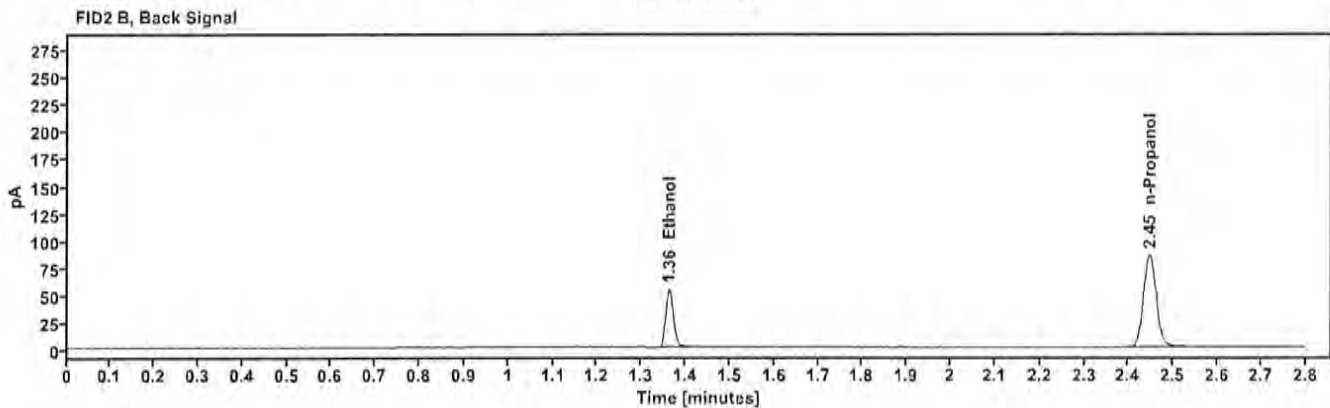
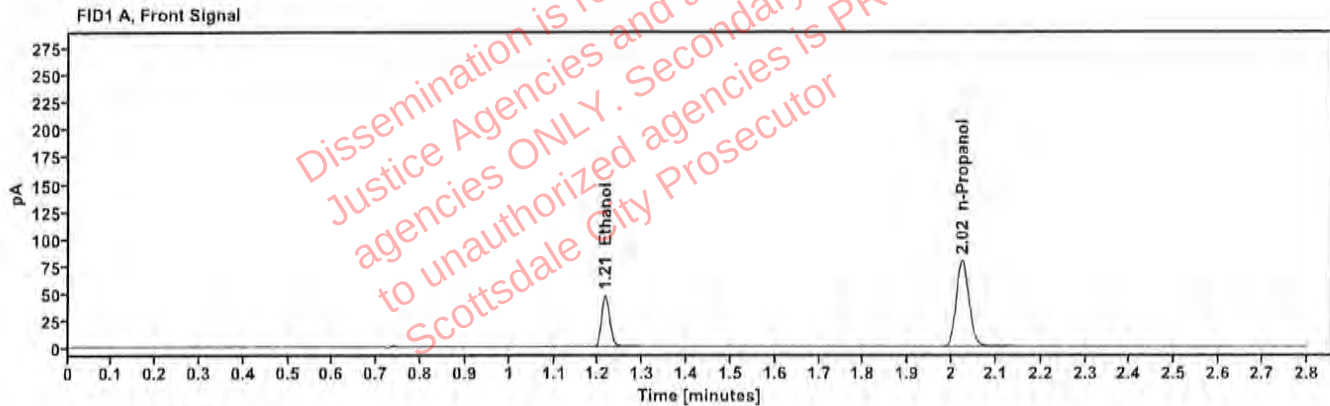


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1013	1.215	59.808
n-Propanol		2.024	158.197

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

Compound	Time (min)	Peak Area
Ethanol	1.362	65.528
n-Propanol	2.446	171.452

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	517758	Vial:	31
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 12:07:43 PM
Data file:	C:\Chem32\1\Data\13May25\31.D	Analyst:	Canonico <i>ec</i>

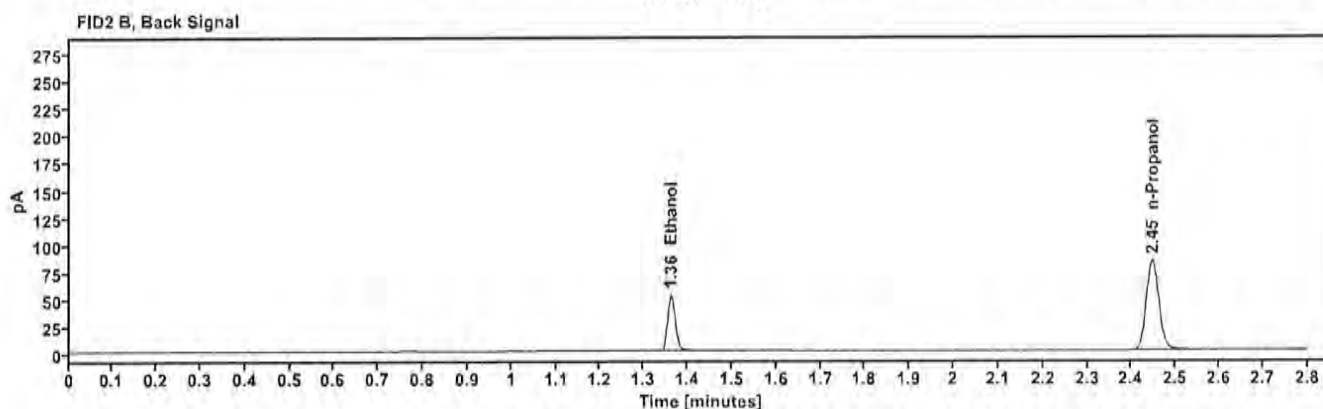
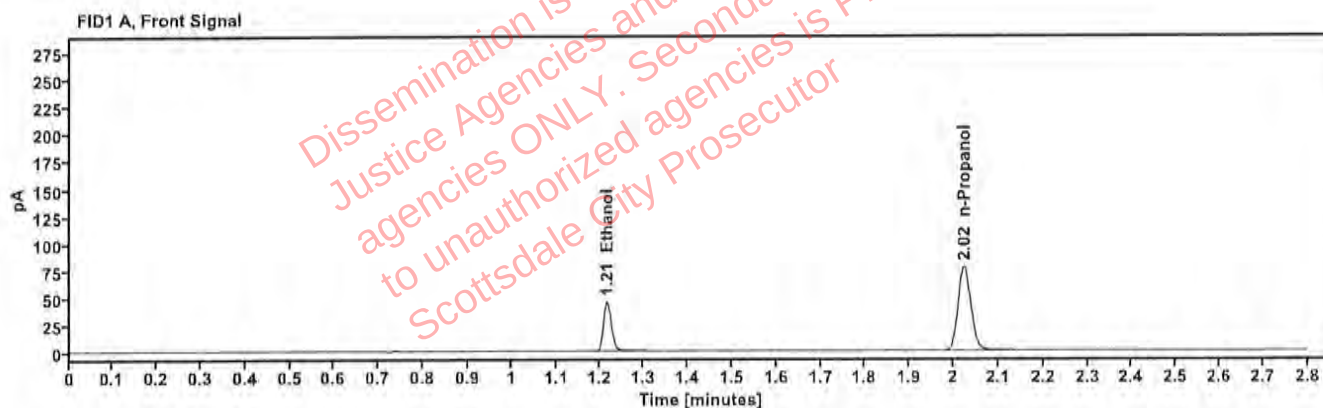


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1009	1.215	57.990
n-Propanol	—	2.024	153.951

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

Compound	Time (min)	Peak Area
Ethanol	1.362	63.197
n-Propanol	2.446	166.611

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 12:51:58 PM
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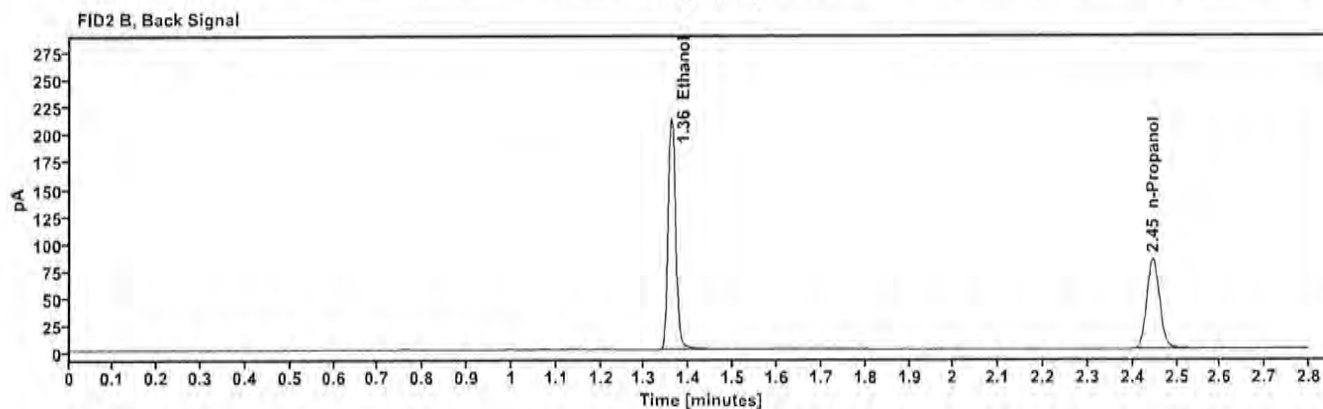
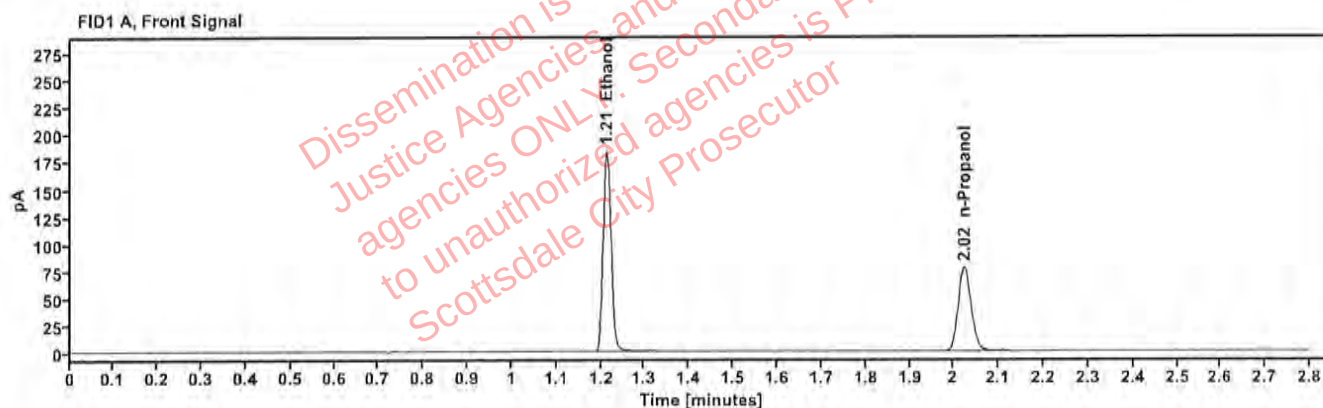


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4020	1.213	234.133
n-Propanol	—	2.023	154.523

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

Compound	Time (min)	Peak Area
Ethanol	1.361	257.698
n-Propanol	2.445	167.414

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 12:56:13 PM
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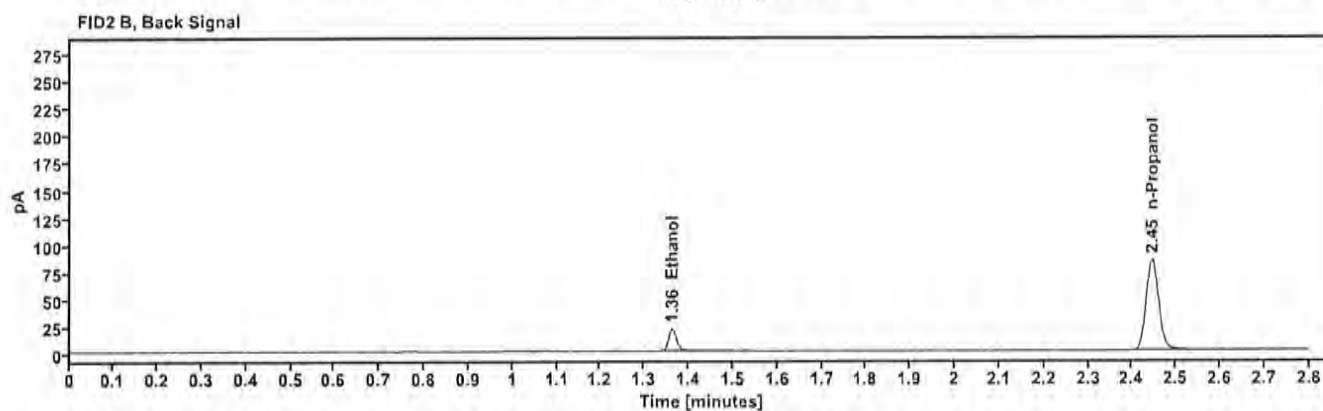
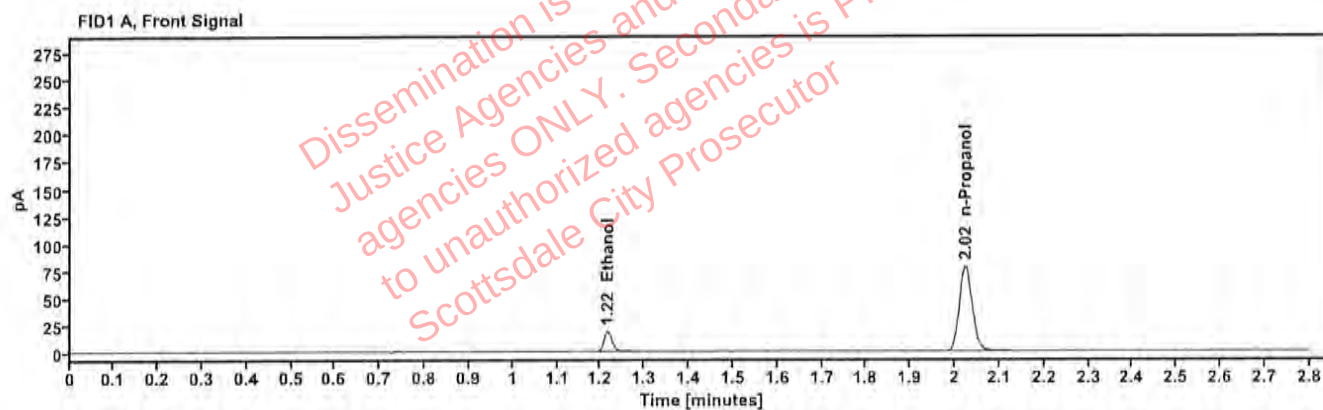


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0413	1.215	23.511
n-Propanol	—	2.023	155.666

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

Compound	Time (min)	Peak Area
Ethanol	1.362	25.520
n-Propanol	2.445	168.726

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	Vial:	44
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 1:00:13 PM
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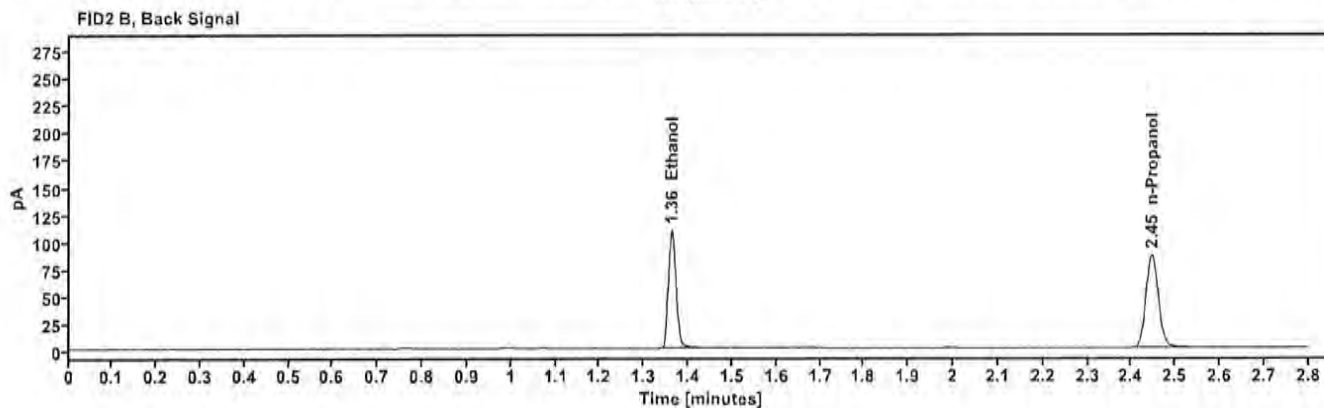
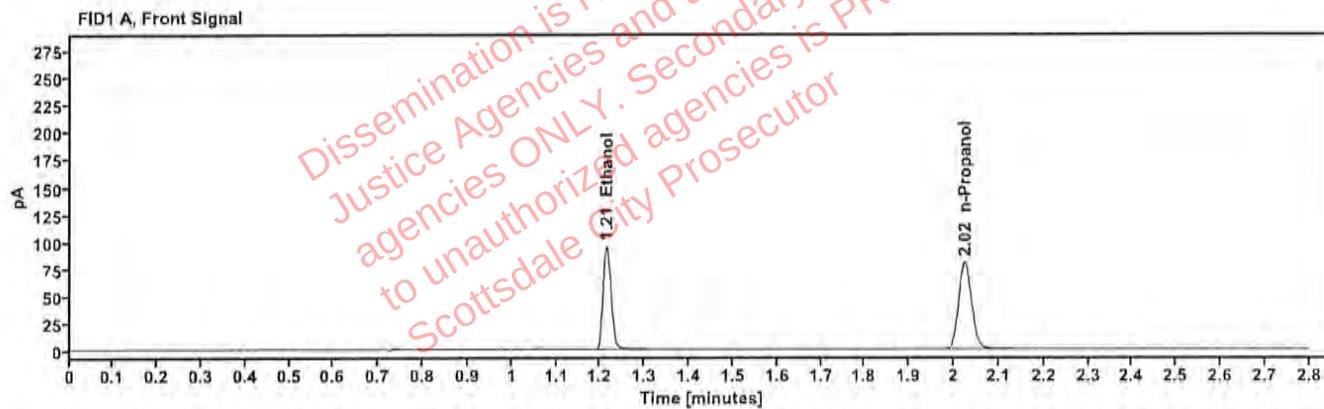


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2017	1.214	120.911
n-Propanol	-----	2.024	159.575

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

Compound	Time (min)	Peak Area
Ethanol	1.362	132.922
n-Propanol	2.446	172.913

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	032725AQ	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 1:04:12 PM
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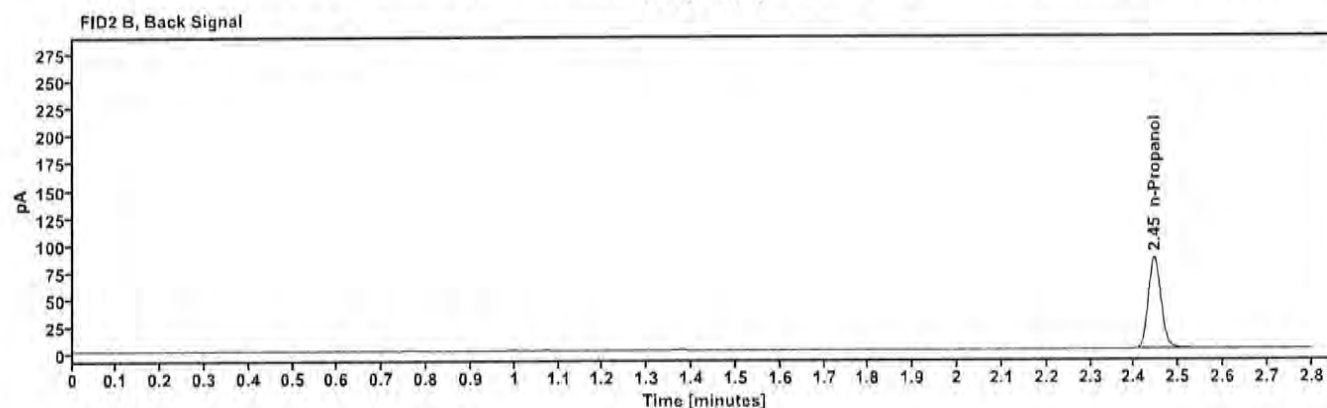
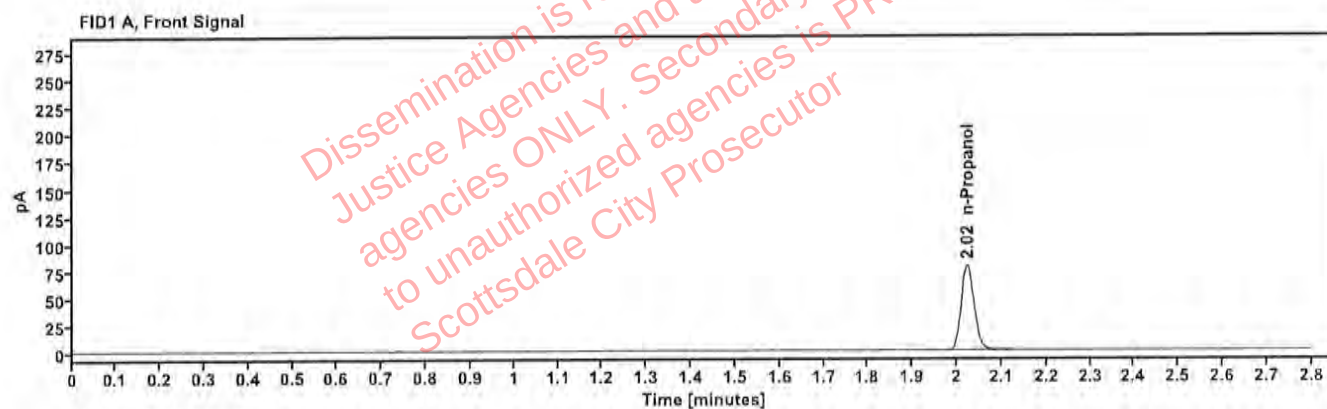


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.023	156.299

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

Compound	Time (min)	Peak Area
n-Propanol	2.445	169.355

Sequence Summary

Page 1 of 1

Sequence name: 13May25

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	111224WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	12052023-B	0.400	Control		ethanol quant.M
8	518018	0.040	Control		ethanol quant.M
9	4130622206/10	0.203	Control		ethanol quant.M
10	409-01L.S.		Sample		ethanol quant.M
11	409-01L.S.		Sample		ethanol quant.M
12	447-01C.H.		Sample		ethanol quant.M
13	447-01C.H.		Sample		ethanol quant.M
14	437-01T.S.		Sample		ethanol quant.M
15	437-01T.S.		Sample		ethanol quant.M
16	2509300-1		Sample		ethanol quant.M
17	2509300-1		Sample		ethanol quant.M
18	2509386-1		Sample		ethanol quant.M
19	2509386-1		Sample		ethanol quant.M
20	517758	0.100	Control		ethanol quant.M
21	2509303-1		Sample		ethanol quant.M
22	2509303-1		Sample		ethanol quant.M
23	2509187-2		Sample		ethanol quant.M
24	2509187-2		Sample		ethanol quant.M
25	2425357-2		Sample		ethanol quant.M
26	2425357-2		Sample		ethanol quant.M
27	2509554-2		Sample		ethanol quant.M
28	2509554-2		Sample		ethanol quant.M
29	2508484-1		Sample		ethanol quant.M
30	2508484-1		Sample		ethanol quant.M
31	517758	0.100	Control		ethanol quant.M
32	2504939-1		Sample		ethanol quant.M
33	2504939-1		Sample		ethanol quant.M
34	2509555-2		Sample		ethanol quant.M
35	2509555-2		Sample		ethanol quant.M
36	2509588-2		Sample		ethanol quant.M
37	2509588-2		Sample		ethanol quant.M
38	2509618-1		Sample		ethanol quant.M
39	2509618-1		Sample		ethanol quant.M
40	2509682-2		Sample		ethanol quant.M
41	2509682-2		Sample		ethanol quant.M
42	12052023-B	0.400	Control		ethanol quant.M
43	518018	0.040	Control		ethanol quant.M
44	4130622206/10	0.203	Control		ethanol quant.M
45	032725AQ	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 13May25

ANALYST: Canonico

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1297	0.1294	0.12955	0.12	0.00015
12 13	0.0900	0.0894	0.08970	0.33	0.00030
14 15	0.2308	0.2334	0.23210	0.56	0.00130
16 17	0.2644	0.2661	0.26525	0.32	0.00085
18 19	0.1920	0.1922	0.19210	0.05	0.00010
21 22	0.1400	0.1374	0.13870	0.94	0.00130
23 24	0.2948	0.2945	0.29465	0.05	0.00015
25 26	0.0975	0.0968	0.09715	0.36	0.00035
27 28	0.0000	0.0000	0.00000	0.00	0.00000
29 30	0.0874	0.0874	0.08740	0.00	0.00000
32 33	0.0000	0.0000	0.00000	0.00	0.00000
34 35	0.1579	0.1569	0.15740	0.32	0.00050
36 37	0.2392	0.2419	0.24055	0.56	0.00135
38 39	0.2031	0.2033	0.20320	0.05	0.00010
40 41	0.0736	0.0727	0.07315	0.62	0.00045

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

Scottsdale Forensic Lab Blood Alcohol Pipetting Log

ANALYST: Canonico

SEQUENCE: 13May25

[illegible]

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01L.S.	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 10:42:43 AM
Data file:	C:\Chem32\1\Data\13May25\10.D	Analyst:	Canonico

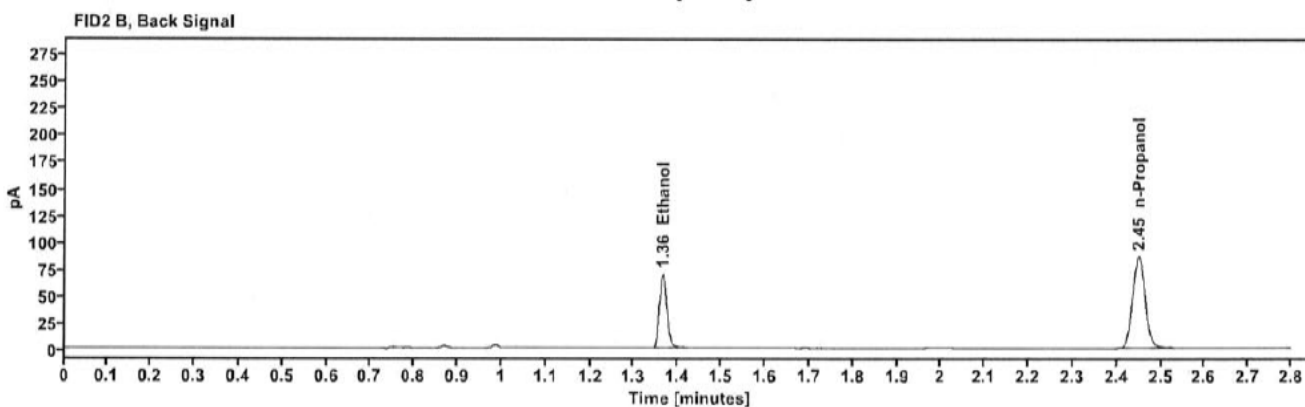
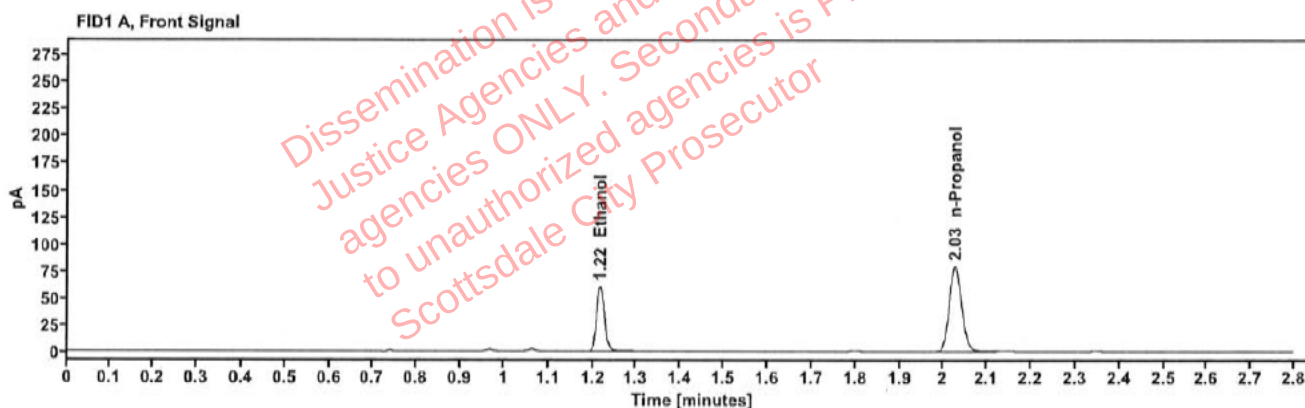


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1297	1.216	76.726
n-Propanol	-----	2.026	157.982

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

Compound	Time (min)	Peak Area
Ethanol	1.365	83.972
n-Propanol	2.449	171.424

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	409-01L.S.	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 10:46:43 AM
Data file:	C:\Chem32\1\Data\13May25\11.D	Analyst:	Canonico

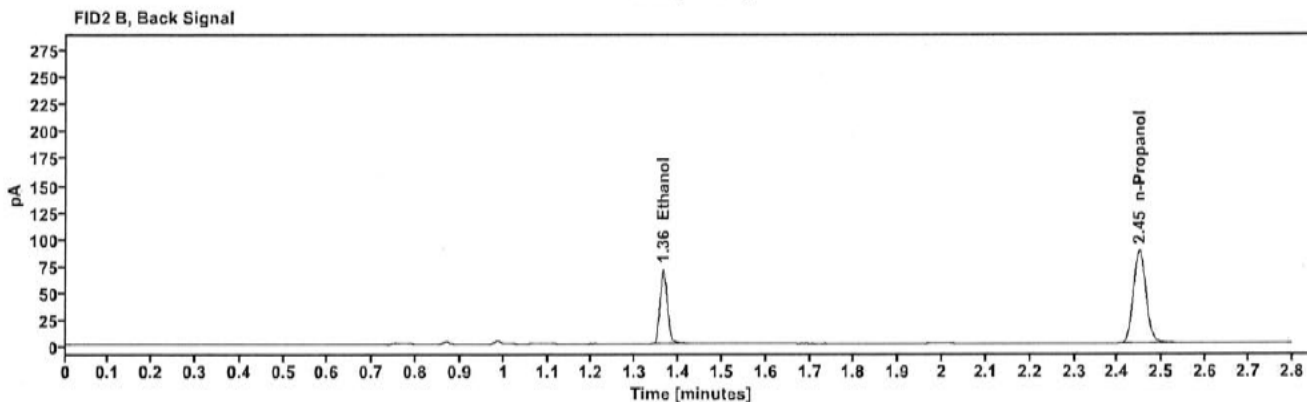
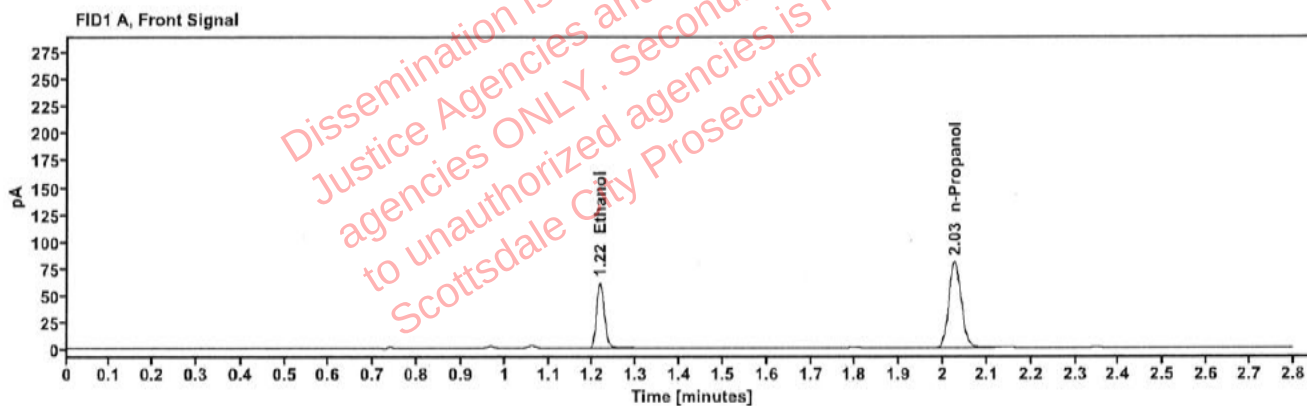


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1294	1.216	77.562
n-Propanol	-----	2.026	160.178

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

Compound	Time (min)	Peak Area
Ethanol	1.364	84.818
n-Propanol	2.449	173.659

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	447-01C.H.	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 10:50:43 AM
Data file:	C:\Chem32\1\Data\13May25\12.D	Analyst:	Canonico

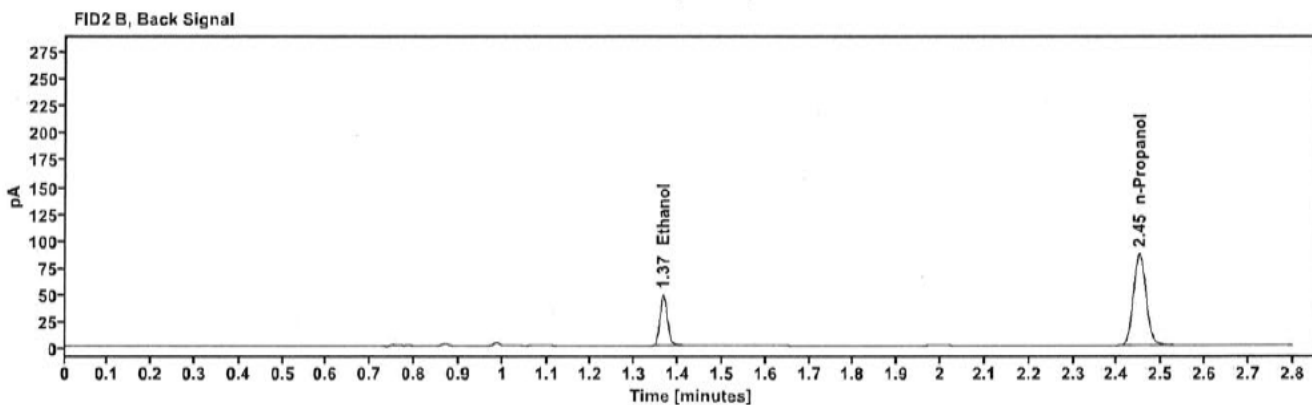
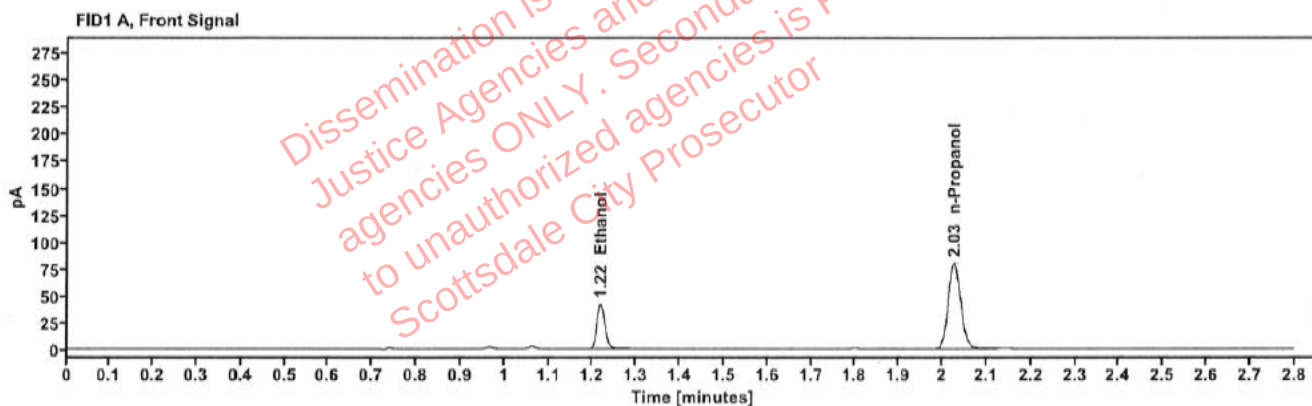


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0900	1.217	53.475
n-Propanol	-----	2.027	159.464

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

Compound	Time (min)	Peak Area
Ethanol	1.365	58.368
n-Propanol	2.450	172.993

: Canonico, Erika - (13-May-2025)

Case: User: ecanonico 5/13/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	447-01C.H.	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 10:54:58 AM
Data file:	C:\Chem32\1\Data\13May25\13.D	Analyst:	Canonico

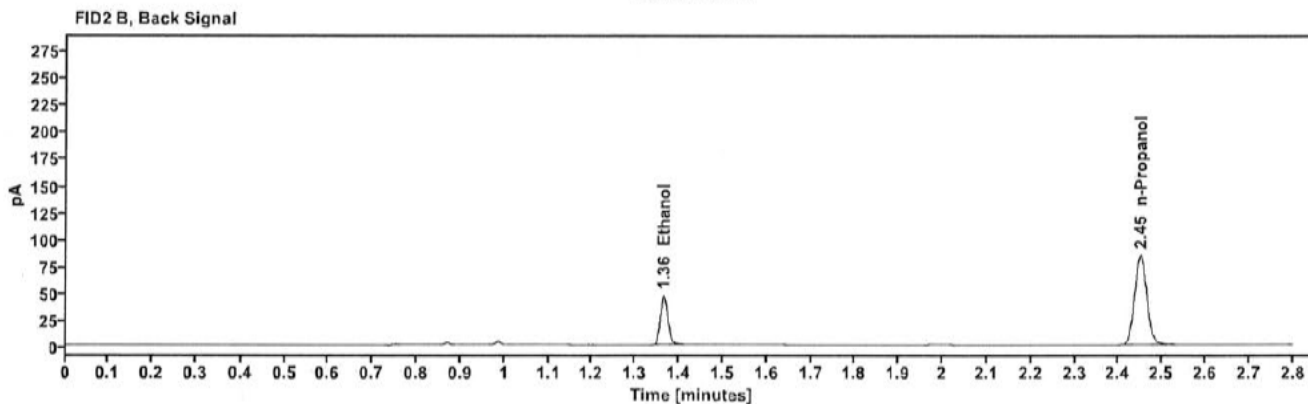
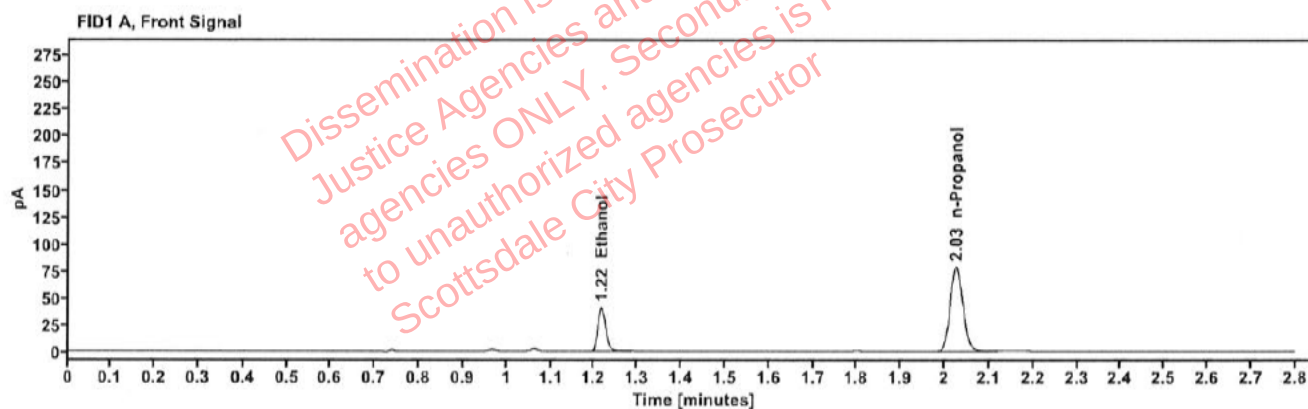


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0894	1.216	52.028
n-Propanol		2.026	156.120

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

Compound	Time (min)	Peak Area
Ethanol	1.365	56.803
n-Propanol	2.449	169.416

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	437-01T.S.	Vial:	14
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 10:58:58 AM
Data file:	C:\Chem32\1\Data\13May25\14.D	Analyst:	Canonico

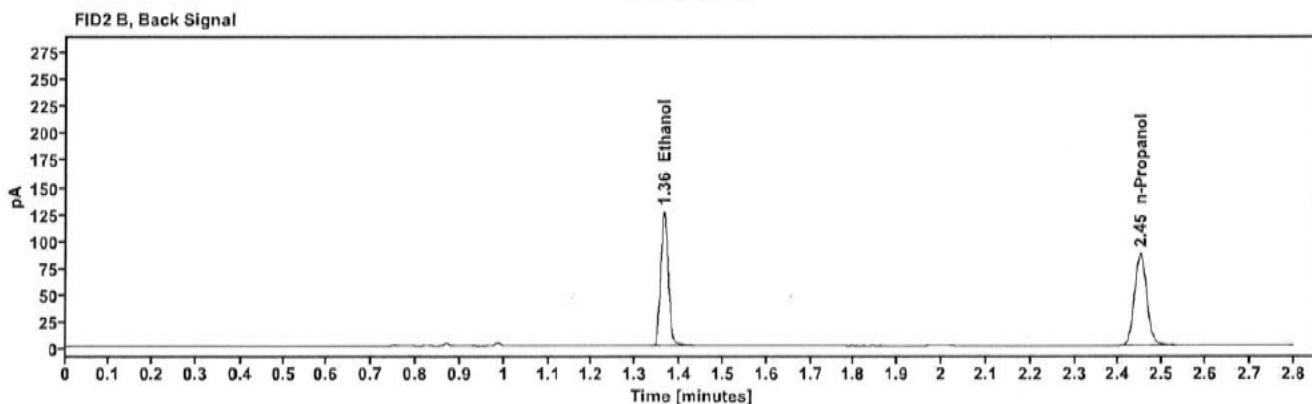
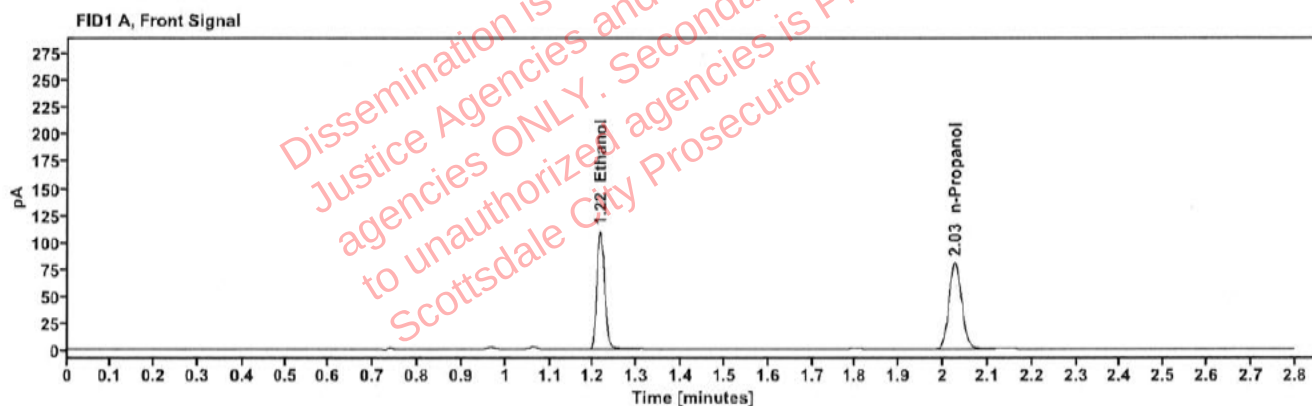


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2308	1.216	139.088
n-Propanol	-----	2.026	160.233

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

Compound	Time (min)	Peak Area
Ethanol	1.364	152.828
n-Propanol	2.449	173.743

[REDACTED] : Canonico, Erika - (13-May-2025)

Case: [REDACTED] User: ecanonico 5/13/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	437-01T.S.	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:02:57 AM
Data file:	C:\Chem32\1\Data\13May25\15.D	Analyst:	Canonico

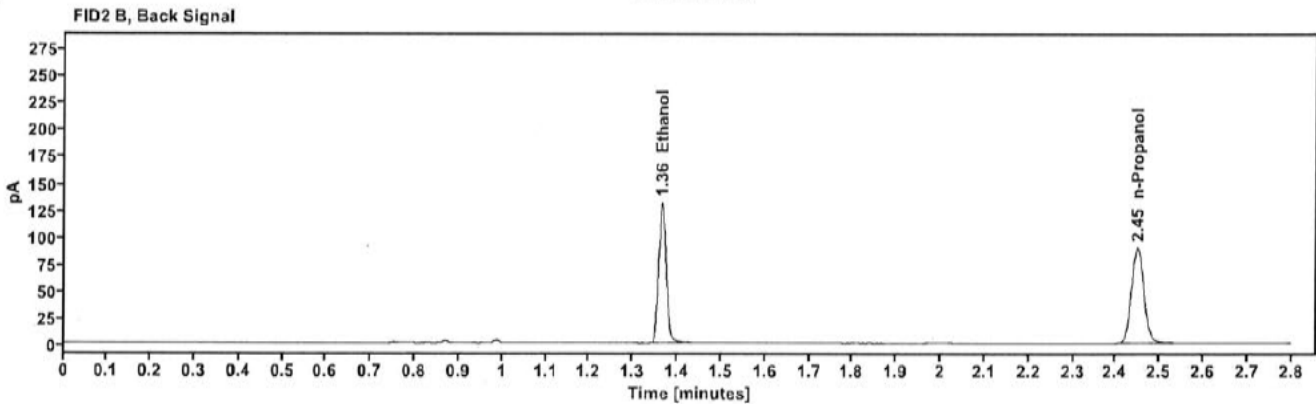
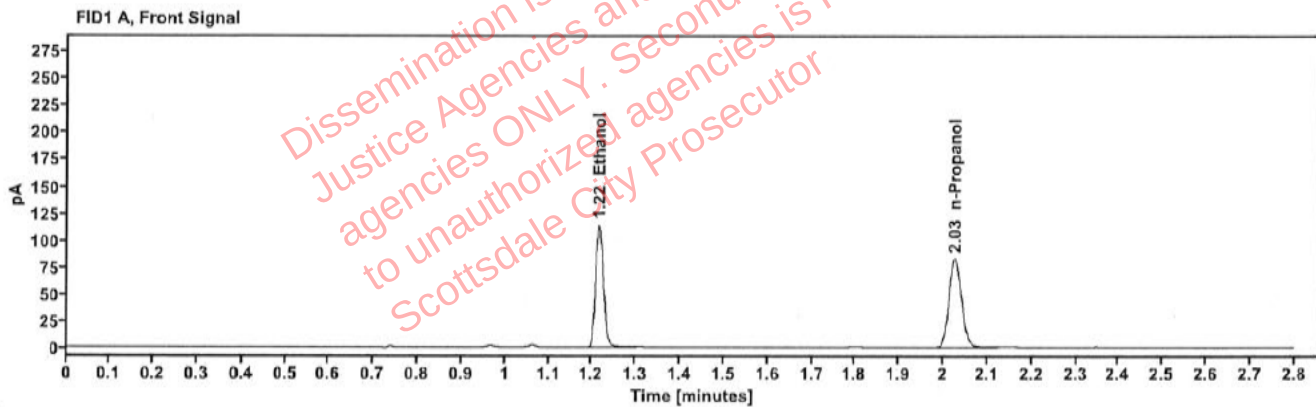


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2334	1.216	145.280
n-Propanol	-----	2.026	165.541

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

Compound	Time (min)	Peak Area
Ethanol	1.365	159.646
n-Propanol	2.449	179.446

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509300-1	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:06:57 AM
Data file:	C:\Chem32\1\Data\13May25\16.D	Analyst:	Canonico

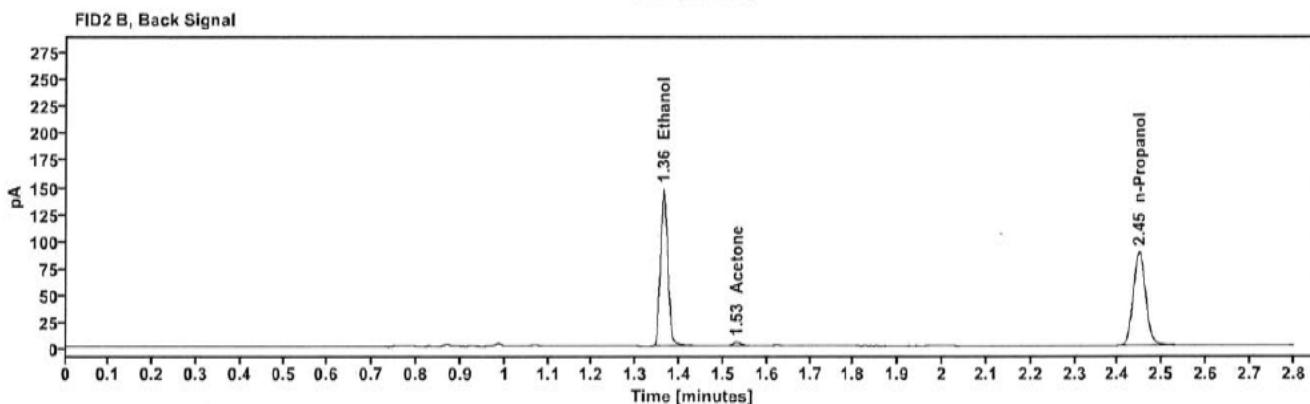
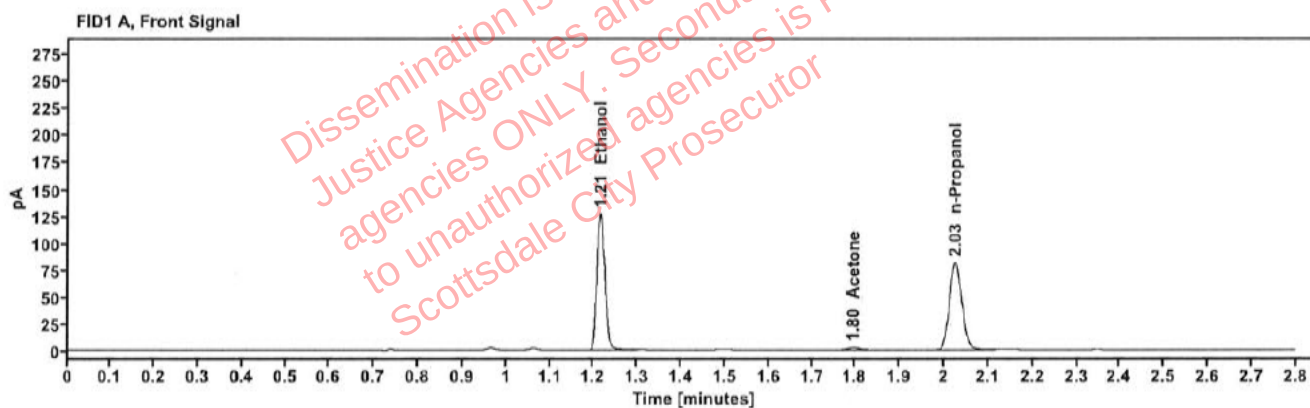


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2644	1.215	161.346
Acetone	-----	1.795	4.191
n-Propanol	-----	2.025	162.184

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

Compound	Time (min)	Peak Area
Ethanol	1.363	176.697
Acetone	1.531	4.546
n-Propanol	2.448	175.268

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509300-1	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:10:58 AM
Data file:	C:\Chem32\1\Data\13May25\17.D	Analyst:	Canonico

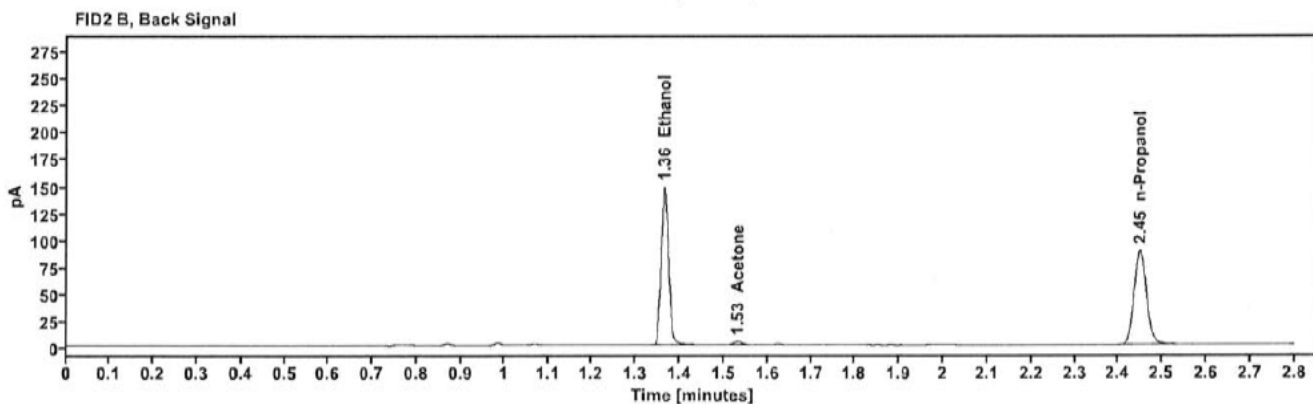
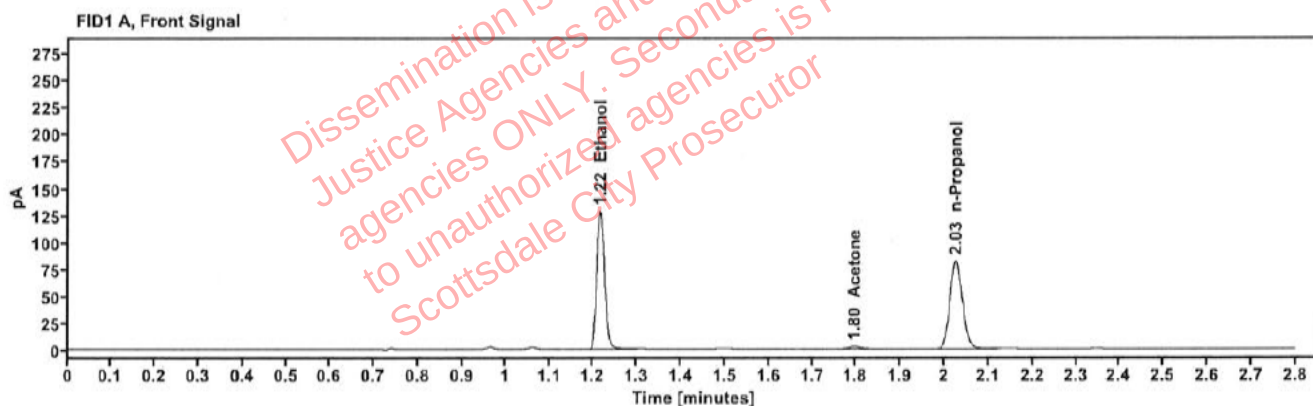


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2661	1.216	163.319
Acetone	-----	1.796	4.148
n-Propanol	-----	2.026	163.074

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

Compound	Time (min)	Peak Area
Ethanol	1.364	179.165
Acetone	1.531	4.421
n-Propanol	2.449	176.167

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509386-1	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:14:57 AM
Data file:	C:\Chem32\1\Data\13May25\18.D	Analyst:	Canonico

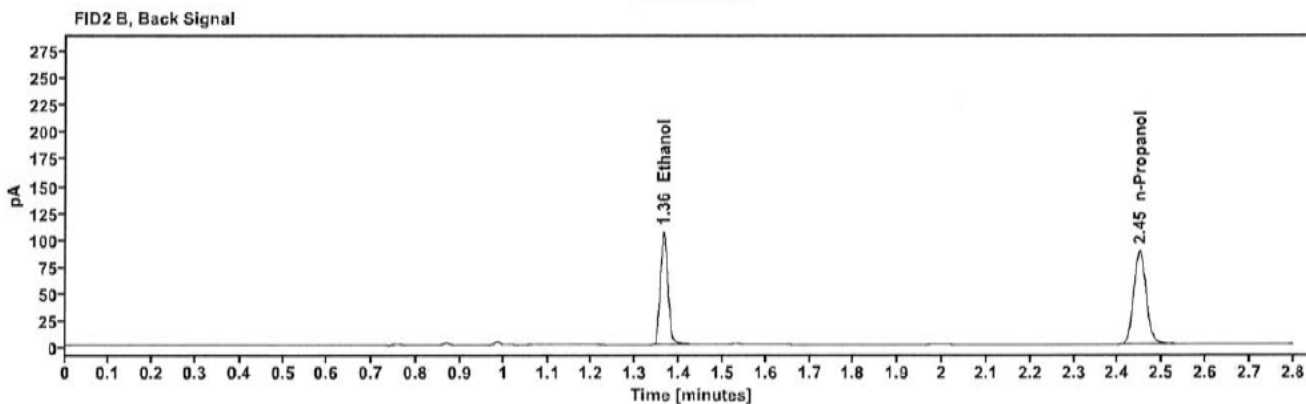
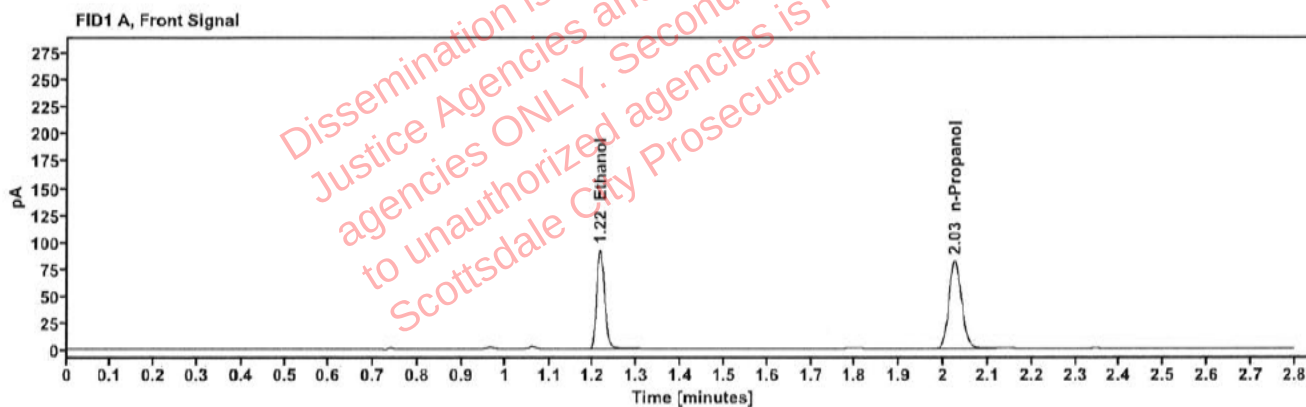


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1920	1.216	117.298
n-Propanol		2.026	162.627

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

Compound	Time (min)	Peak Area
Ethanol	1.364	128.479
n-Propanol	2.449	176.098

: Canonico, Erika - (13-May-2025)

Case: User: ecanonico 5/13/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509386-1	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:19:12 AM
Data file:	C:\Chem32\1\Data\13May25\19.D	Analyst:	Canonico

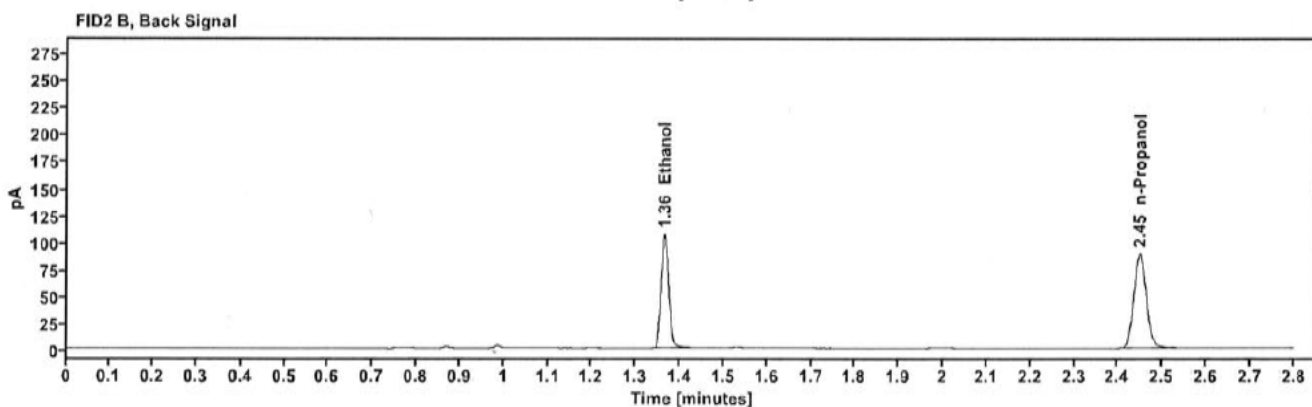
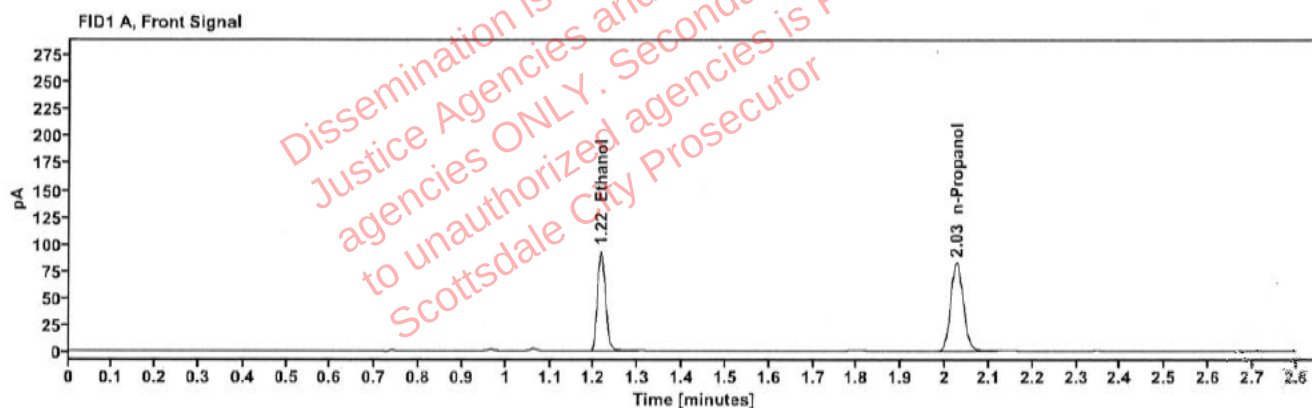


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1922	1.216	118.558
n-Propanol	-----	2.026	164.194

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

Compound	Time (min)	Peak Area
Ethanol	1.364	129.697
n-Propanol	2.449	177.878

[REDACTED] : Canonico, Erika - (13-May-2025)

Case: [REDACTED] User: ecanonico 5/13/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509303-1	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:27:13 AM
Data file:	C:\Chem32\1\Data\13May25\21.D	Analyst:	Canonico

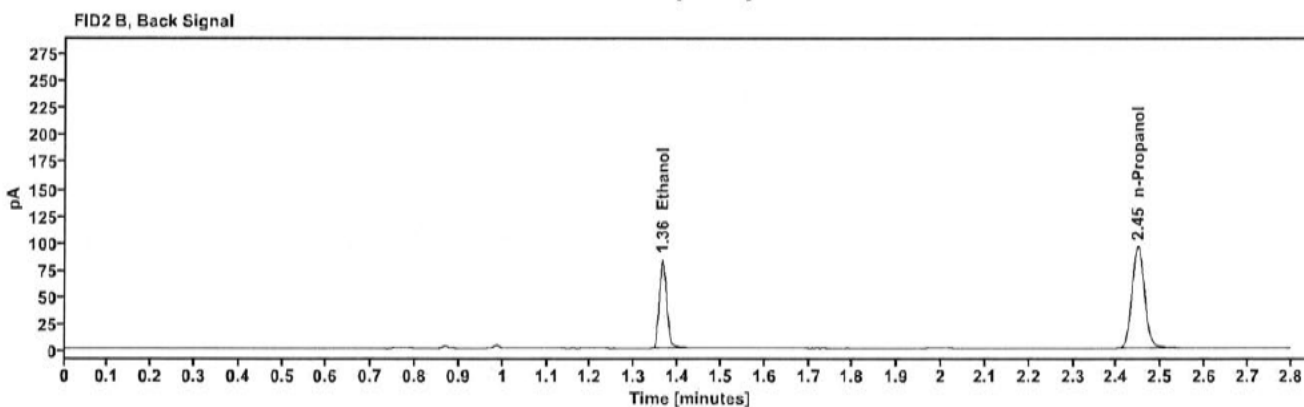
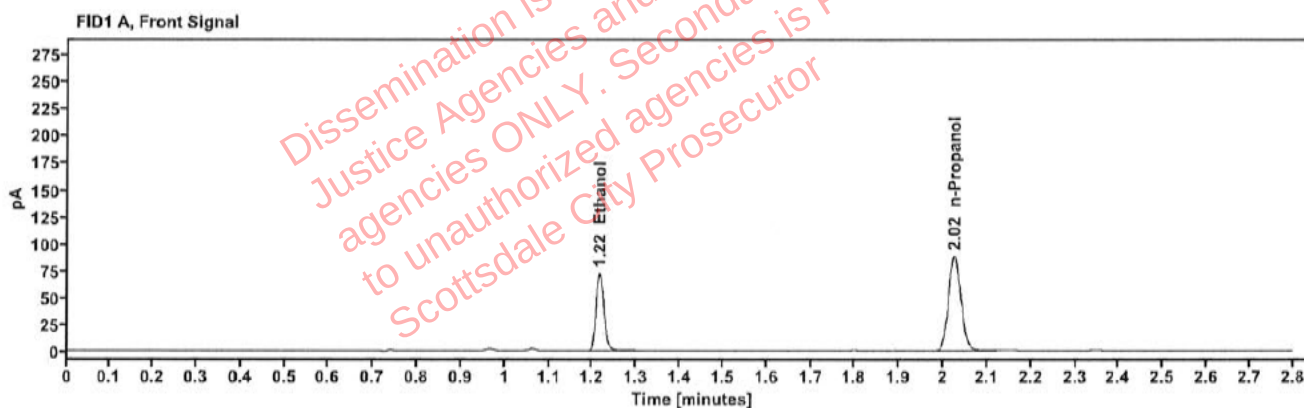


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1400	1.215	92.212
n-Propanol	-----	2.025	175.873

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

Compound	Time (min)	Peak Area
Ethanol	1.364	100.829
n-Propanol	2.448	190.325

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509303-1	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:31:12 AM
Data file:	C:\Chem32\1\Data\13May25\22.D	Analyst:	Canonico

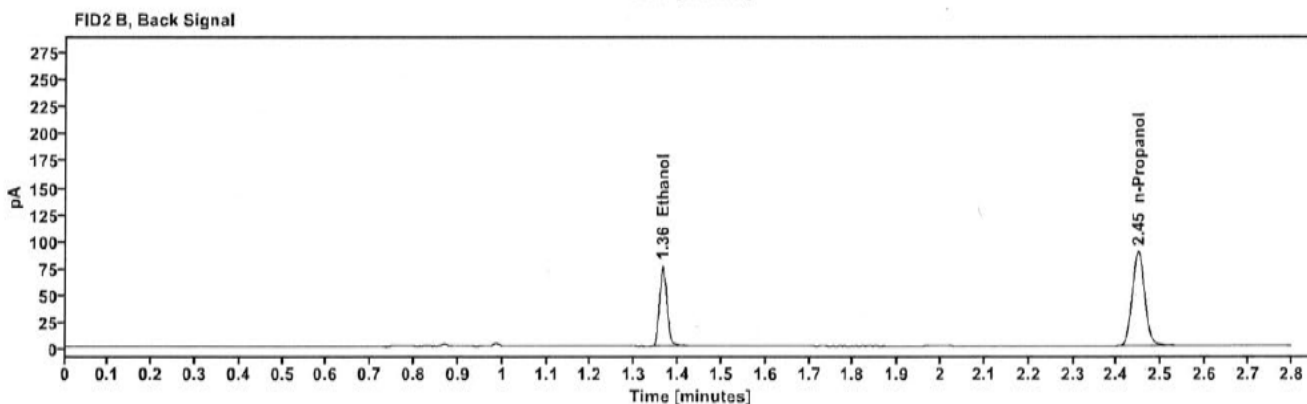
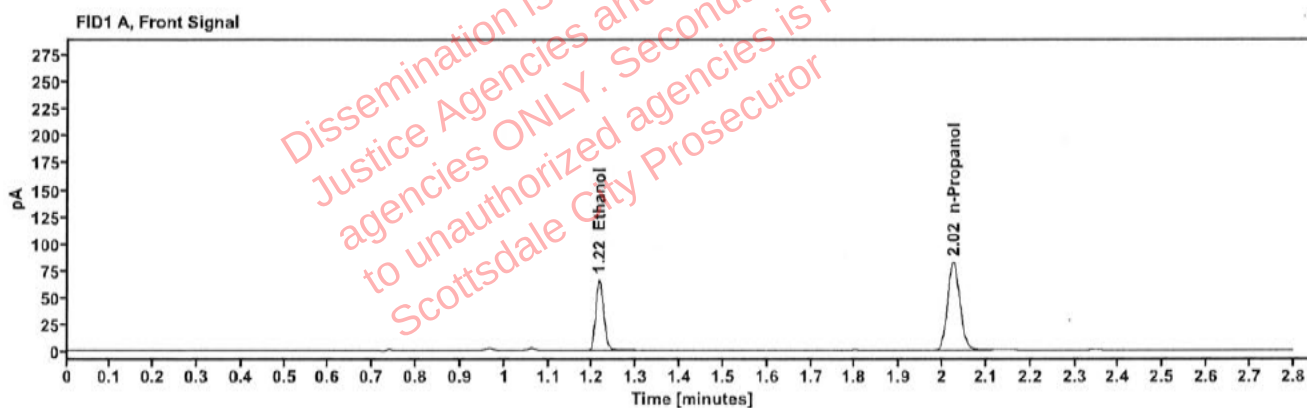


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1374	1.215	83.996
n-Propanol		2.025	163.211

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

Compound	Time (min)	Peak Area
Ethanol	1.364	91.792
n-Propanol	2.448	176.598

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509187-2	Vial:	23
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:35:12 AM
Data file:	C:\Chem32\1\Data\13May25\23.D	Analyst:	Canonico

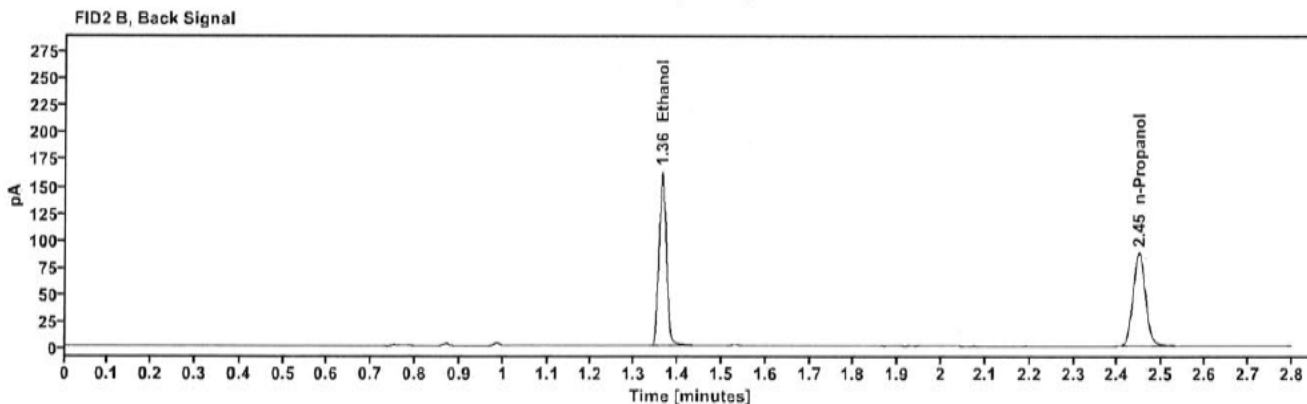
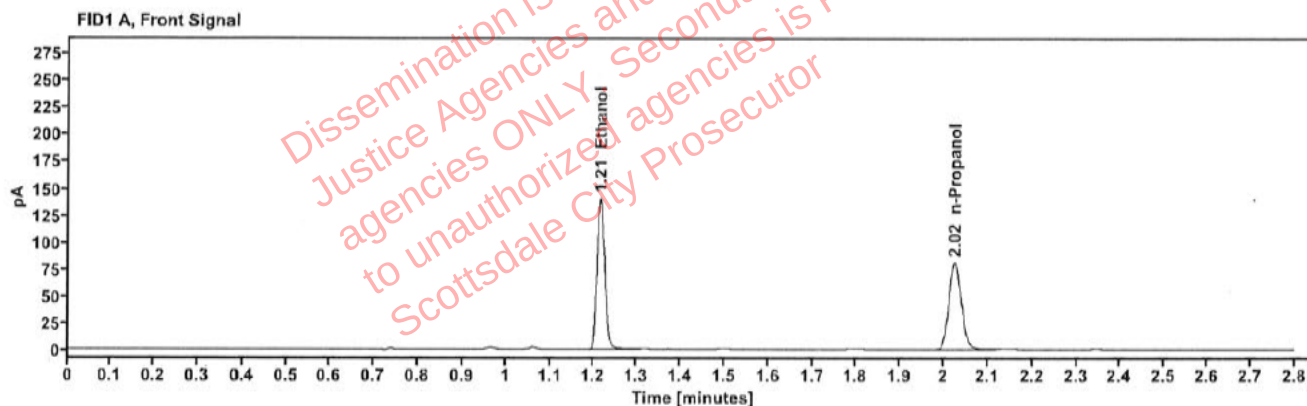


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2948	1.215	178.807
n-Propanol	-----	2.025	161.100

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

Compound	Time (min)	Peak Area
Ethanol	1.363	196.318
n-Propanol	2.448	174.029

[REDACTED]: Canonico, Erika - (13-May-2025)

Case: [REDACTED] User: ecanonico 5/13/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509187-2	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:39:13 AM
Data file:	C:\Chem32\1\Data\13May25\24.D	Analyst:	Canonico

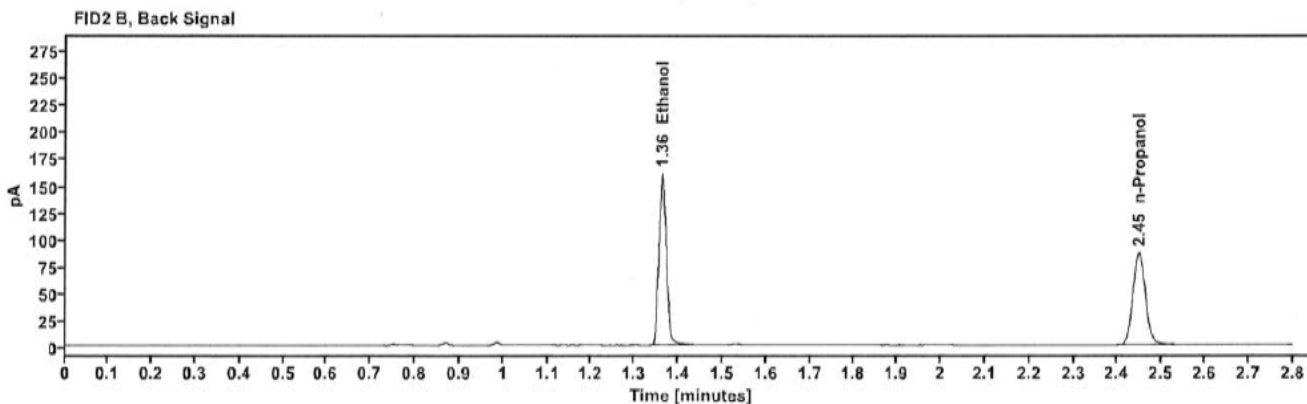
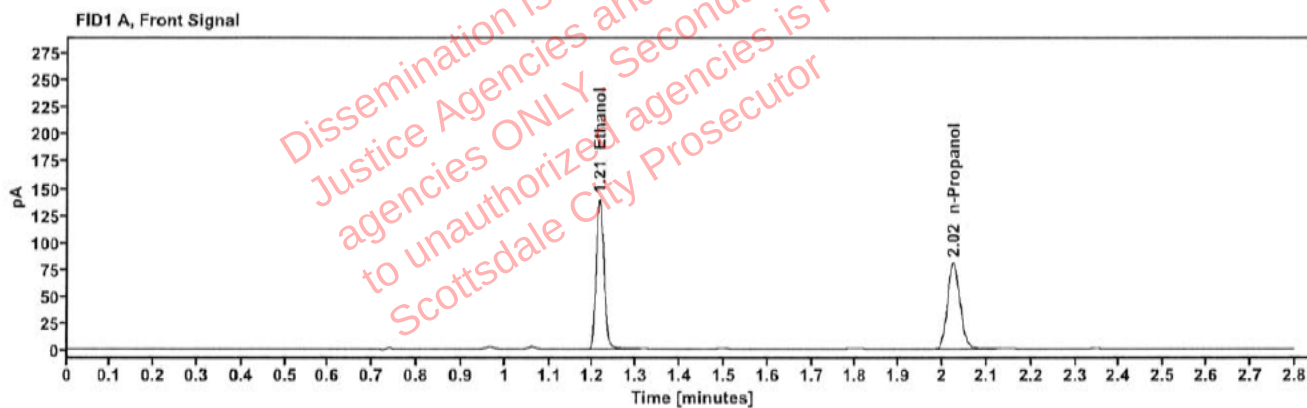


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2945	1.215	176.720
n-Propanol	-----	2.025	159.369

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

Compound	Time (min)	Peak Area
Ethanol	1.363	194.141
n-Propanol	2.447	172.290

[REDACTED]: Canonico, Erika - (13-May-2025)

Case: [REDACTED] User: ecanonico 5/13/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425357-2	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:43:28 AM
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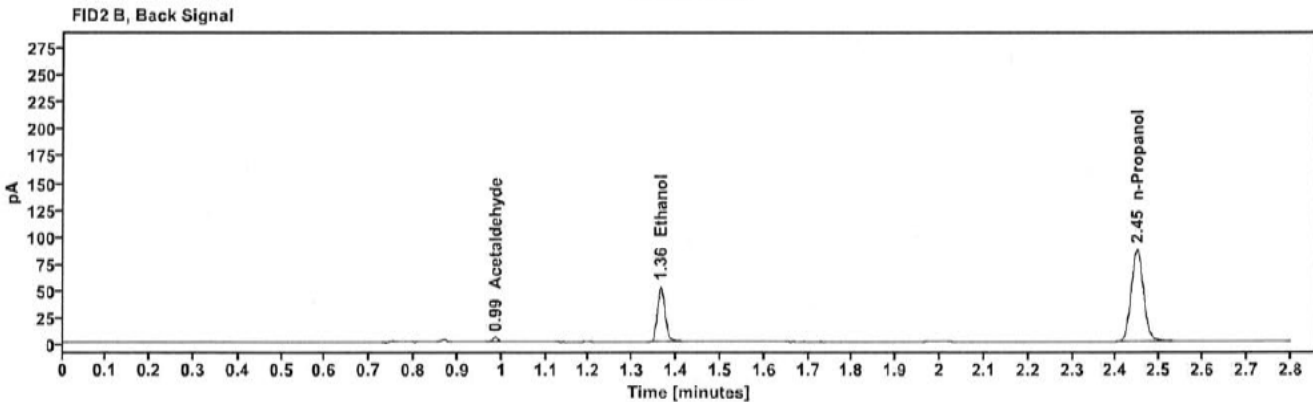
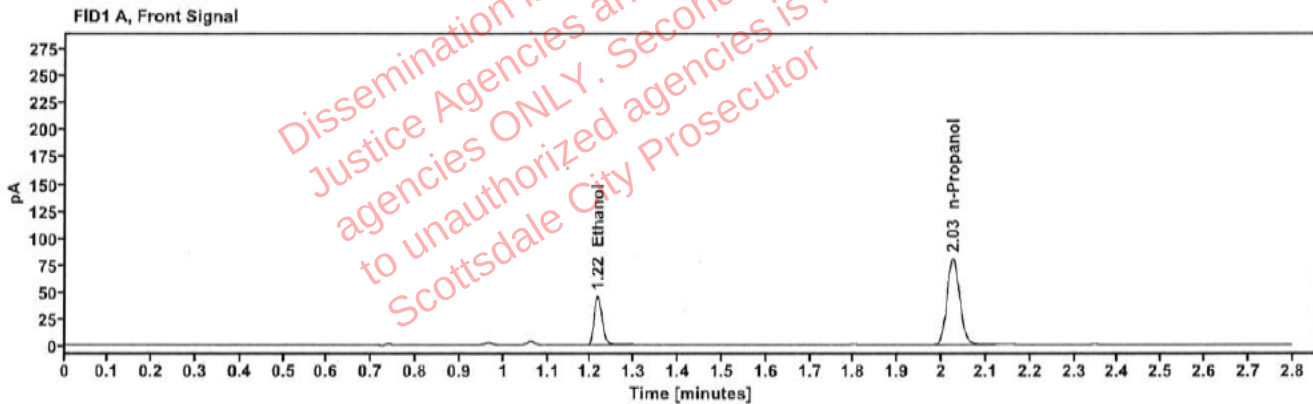


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0975	1.216	58.196
n-Propanol	-----	2.025	159.991

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.002
Ethanol	1.364	63.356
n-Propanol	2.448	173.412

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2425357-2	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:47:27 AM
Data file:	C:\Chem32\1\Data\13May25\26.D	Analyst:	Canonico

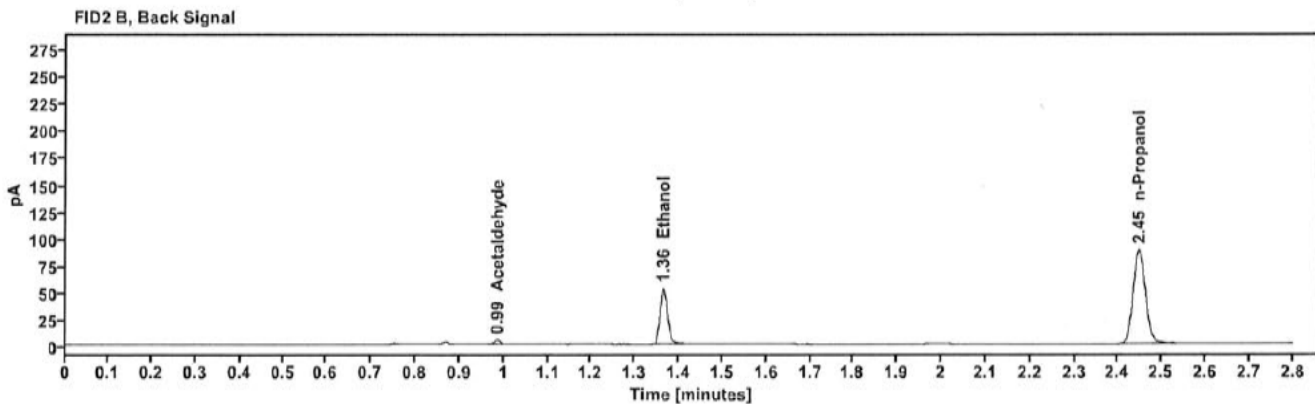
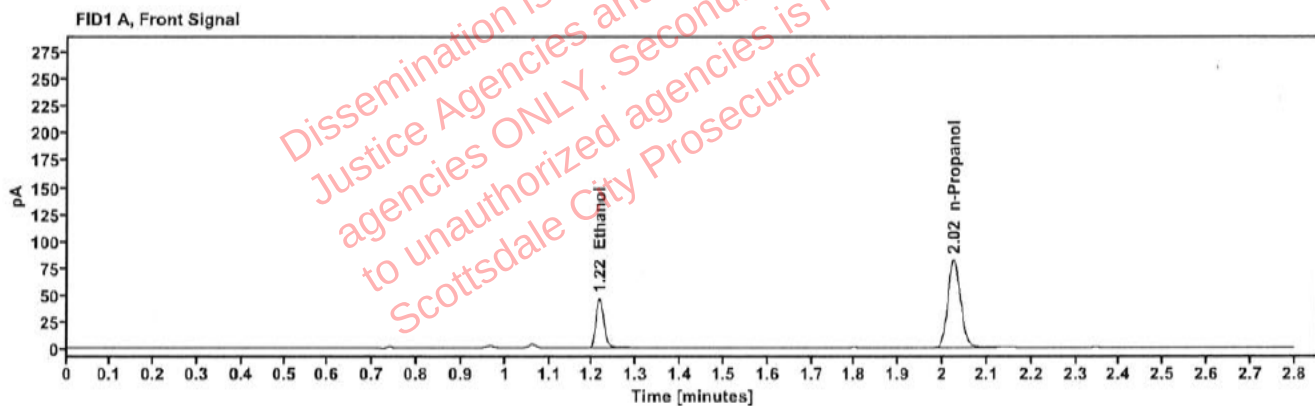


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0968	1.216	58.801
n-Propanol	-----	2.025	162.759

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.048
Ethanol	1.364	64.073
n-Propanol	2.448	176.434

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509554-2	Vial:	27
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:51:28 AM
Data file:	C:\Chem32\1\Data\13May25\27.D	Analyst:	Canonico

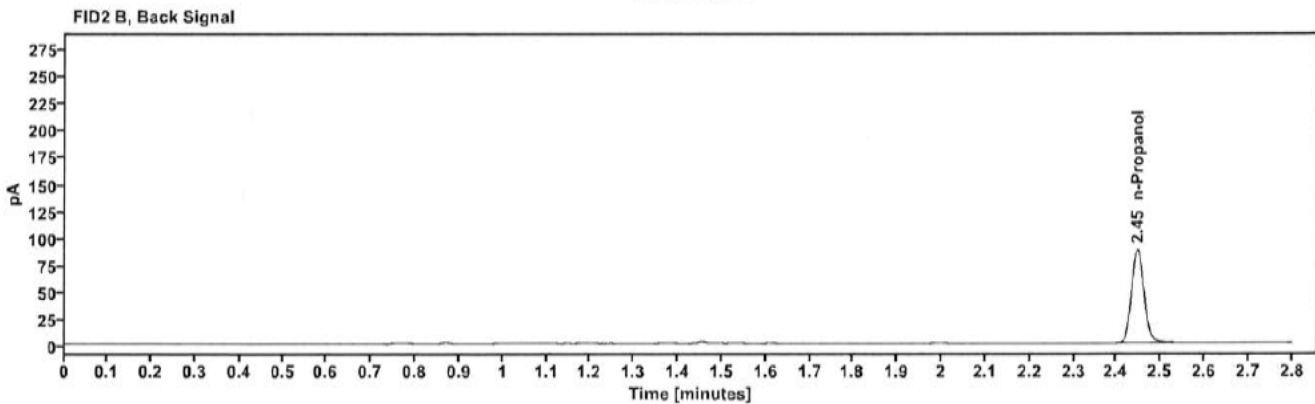
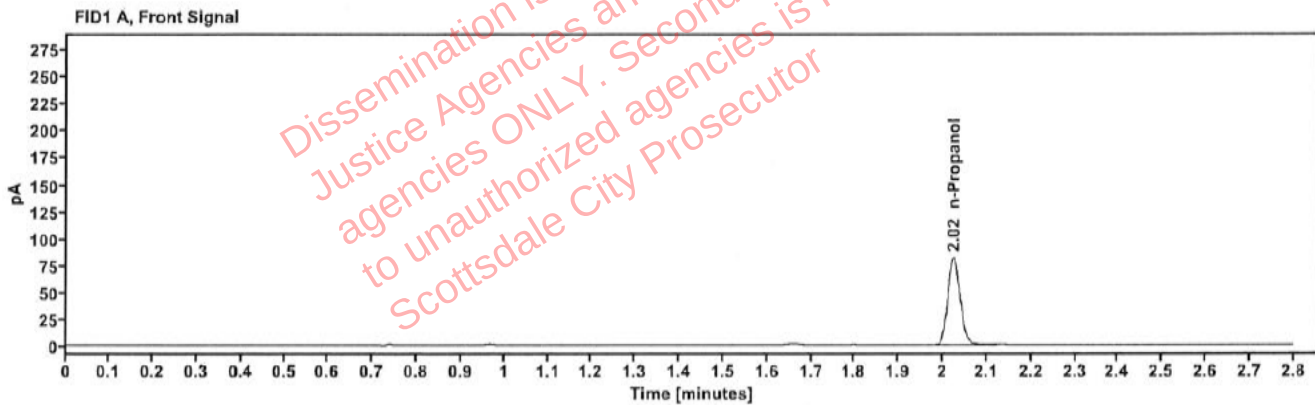


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.025	162.119

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

Compound	Time (min)	Peak Area
n-Propanol	2.447	175.770

[REDACTED]: Canonico, Erika - (13-May-2025)

Case: [REDACTED] User: ecanonico 5/13/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509554-2	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:55:28 AM
Data file:	C:\Chem32\1\Data\13May25\28.D	Analyst:	Canonico

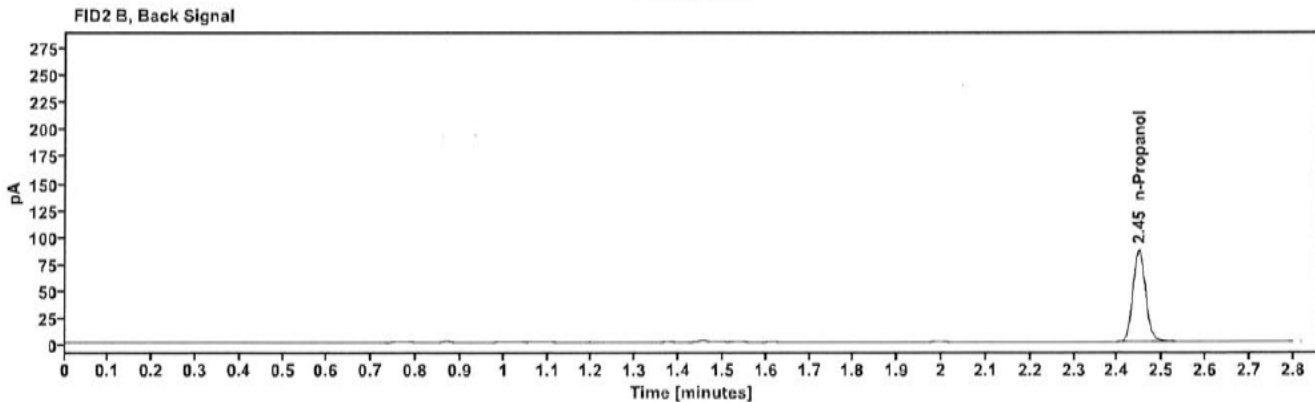
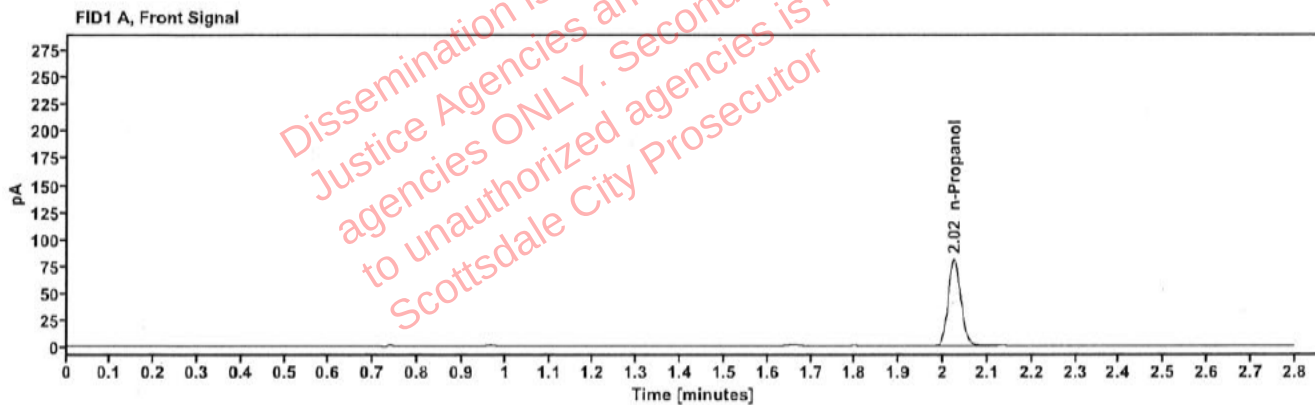


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.024	159.988

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

Compound	Time (min)	Peak Area
n-Propanol	2.447	173.331

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508484-1	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 11:59:28 AM
Data file:	C:\Chem32\1\Data\13May25\29.D	Analyst:	Canonico

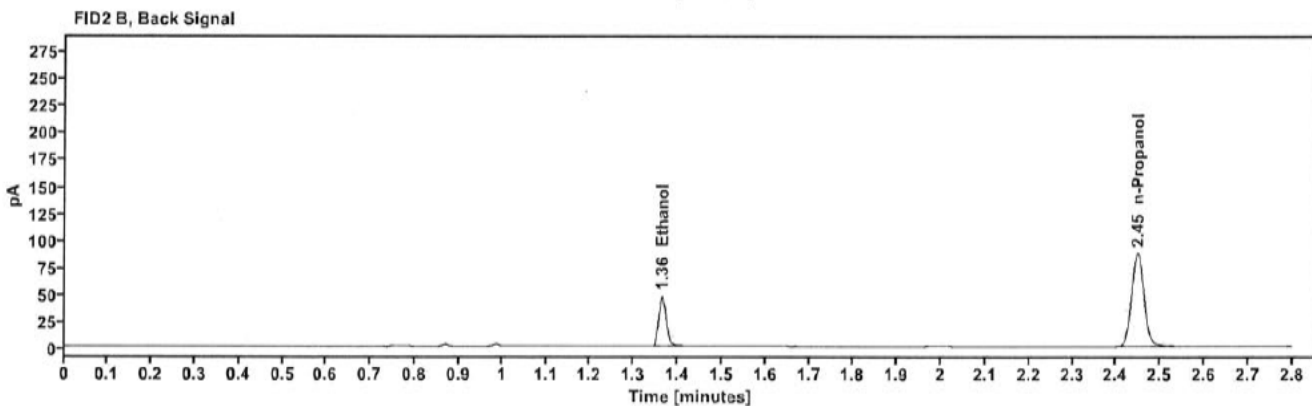
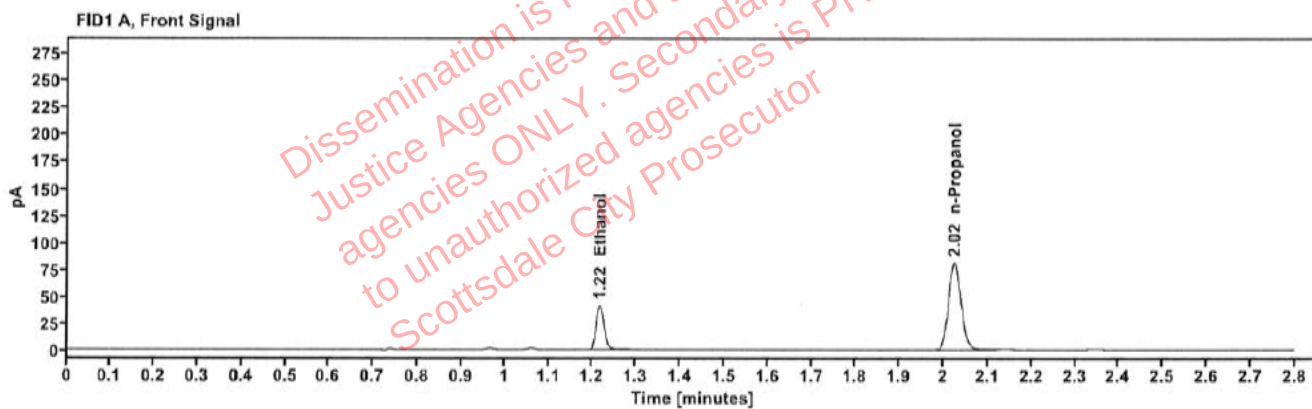


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0874	1.216	52.611
n-Propanol	-----	2.025	161.515

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

Compound	Time (min)	Peak Area
Ethanol	1.364	57.337
n-Propanol	2.447	174.861

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2508484-1	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 12:03:27 PM
Data file:	C:\Chem32\1\Data\13May25\30.D	Analyst:	Canonico

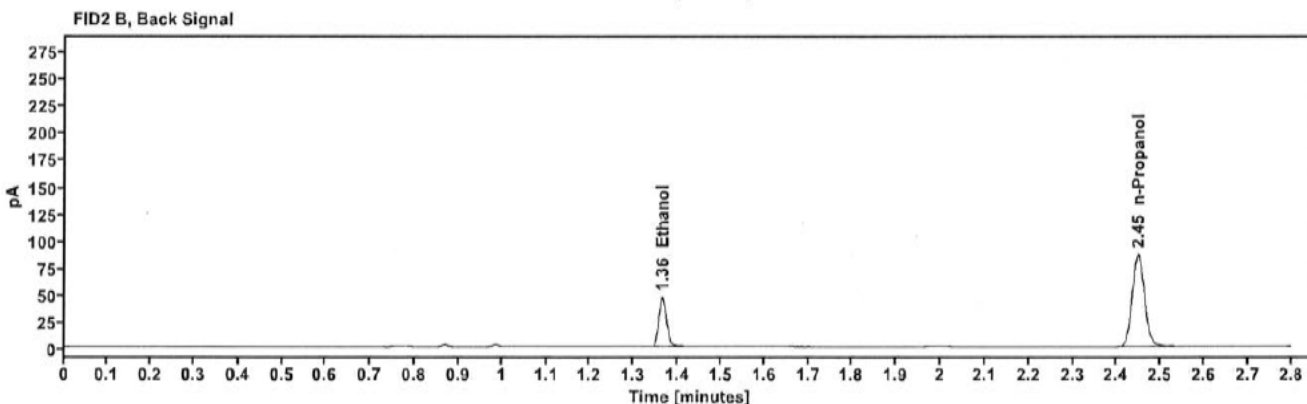
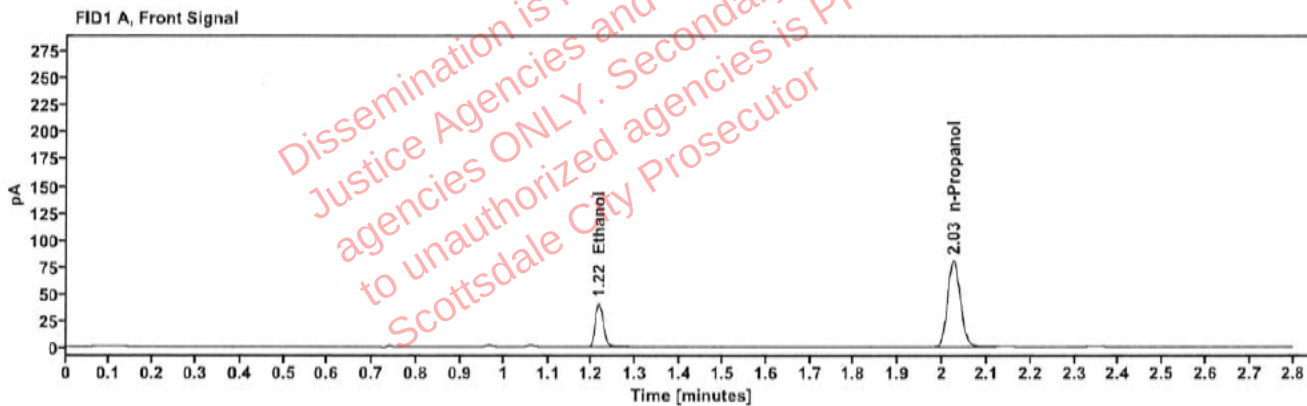


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0874	1.216	52.157
n-Propanol	-----	2.025	160.192

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

Compound	Time (min)	Peak Area
Ethanol	1.364	56.856
n-Propanol	2.448	173.379

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504939-1	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 12:11:43 PM
Data file:	C:\Chem32\1\Data\13May25\32.D	Analyst:	Canonico

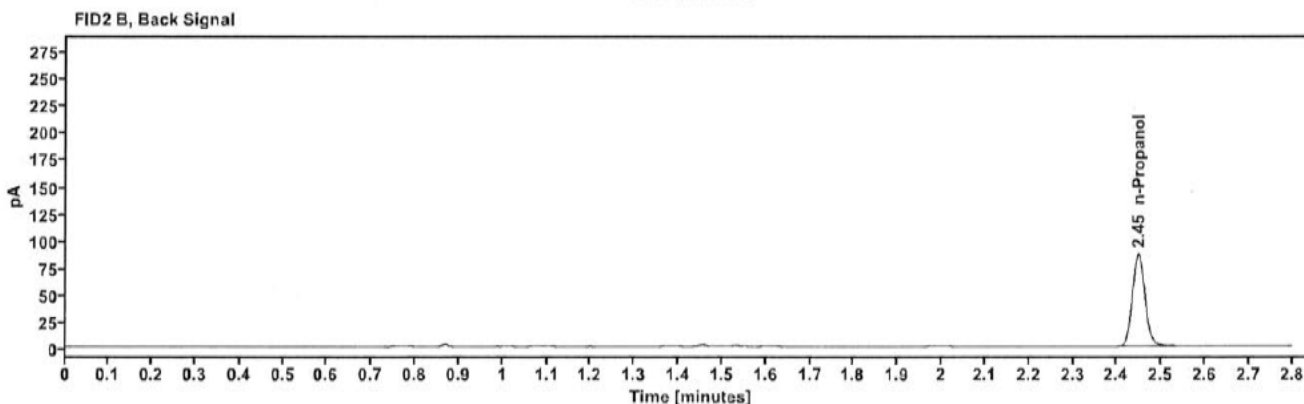
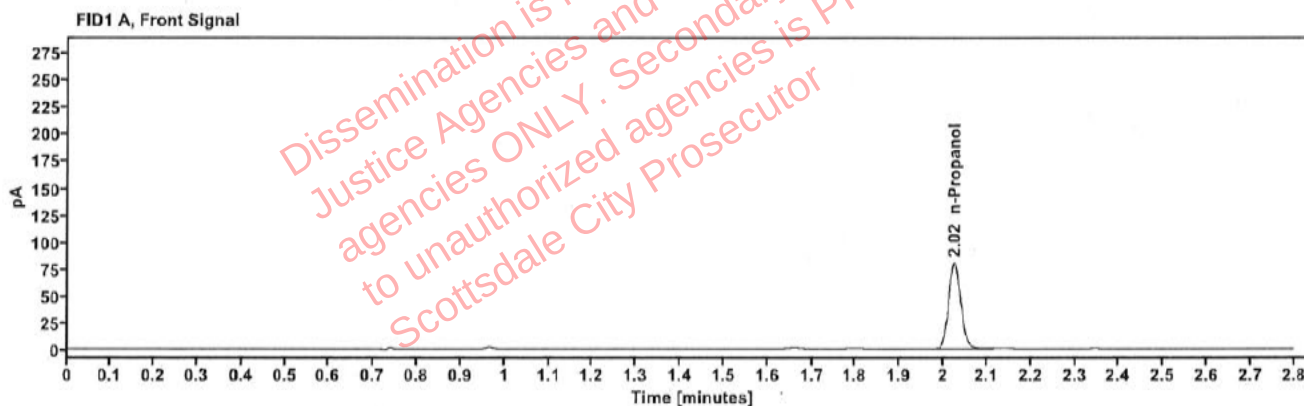


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.025	159.429

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

Compound	Time (min)	Peak Area
n-Propanol	2.448	173.112

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2504939-1	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 12:15:43 PM
Data file:	C:\Chem32\1\Data\13May25\33.D	Analyst:	Canonico

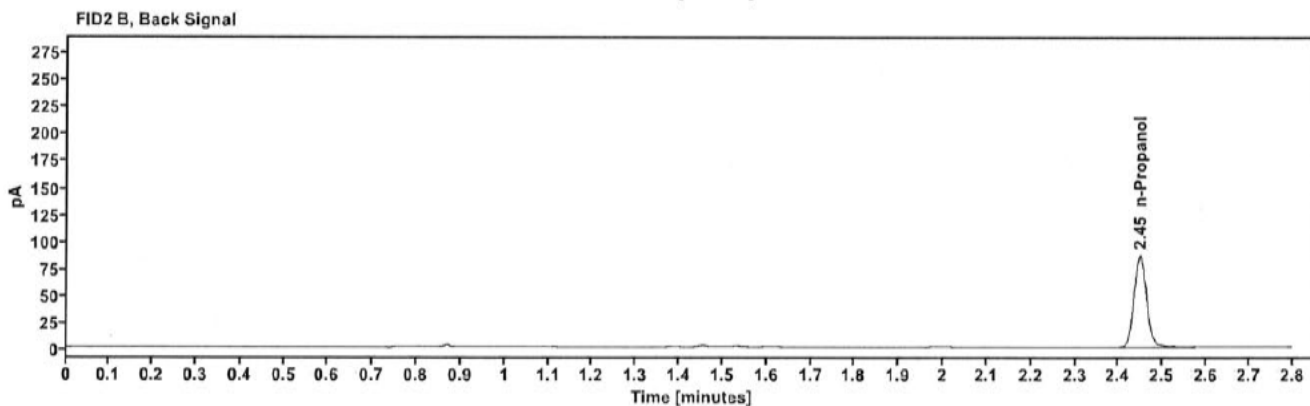
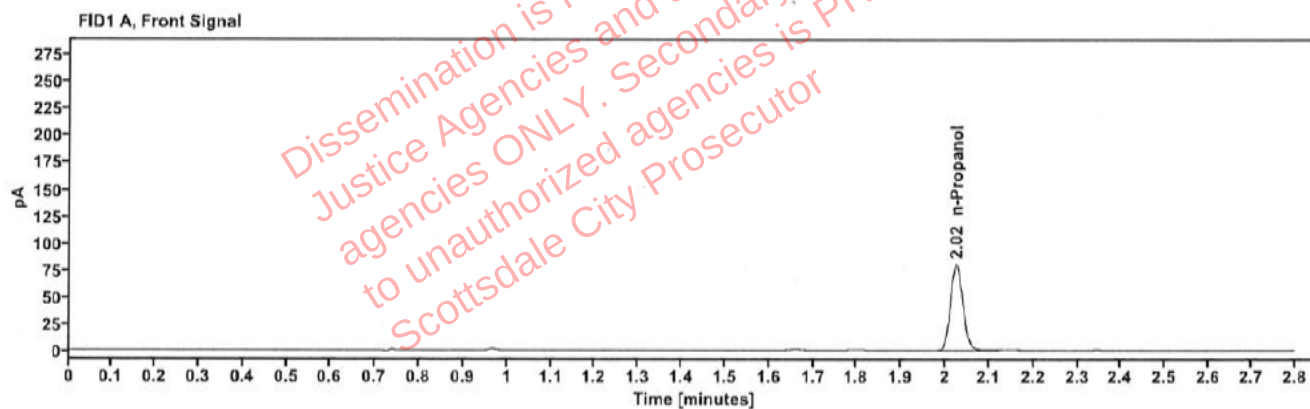


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.025	159.063

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

Compound	Time (min)	Peak Area
n-Propanol	2.448	172.776

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509555-2	Vial:	34
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 12:19:43 PM
Data file:	C:\Chem32\1\Data\13May25\34.D	Analyst:	Canonico

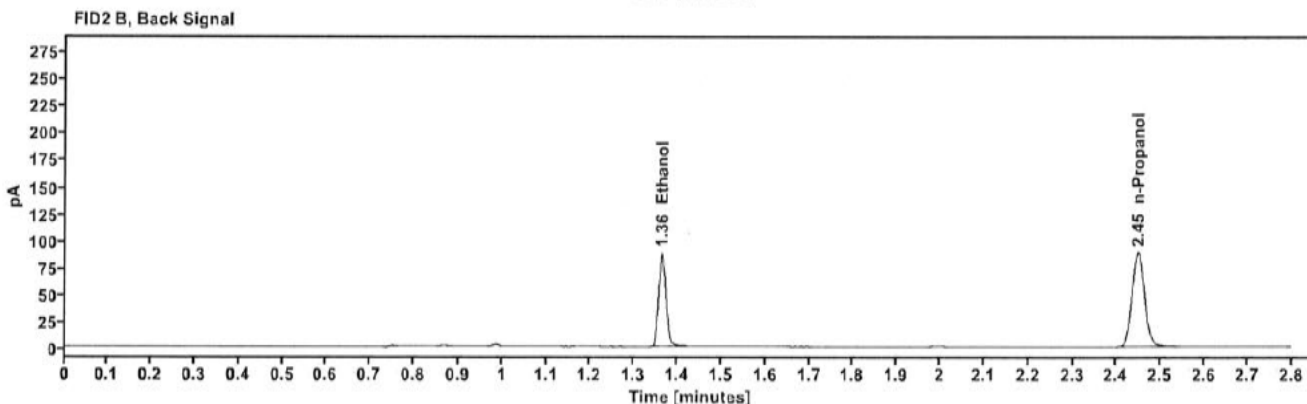
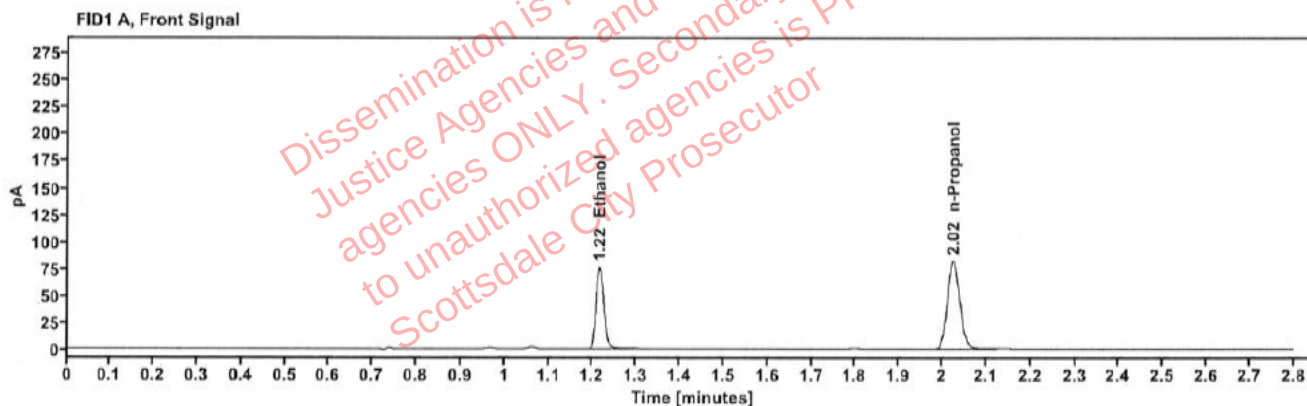


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1579	1.215	96.957
n-Propanol		2.025	163.734

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

Compound	Time (min)	Peak Area
Ethanol	1.364	106.063
n-Propanol	2.448	176.708

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509555-2	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 12:23:43 PM
Data file:	C:\Chem32\1\Data\13May25\35.D	Analyst:	Canonico

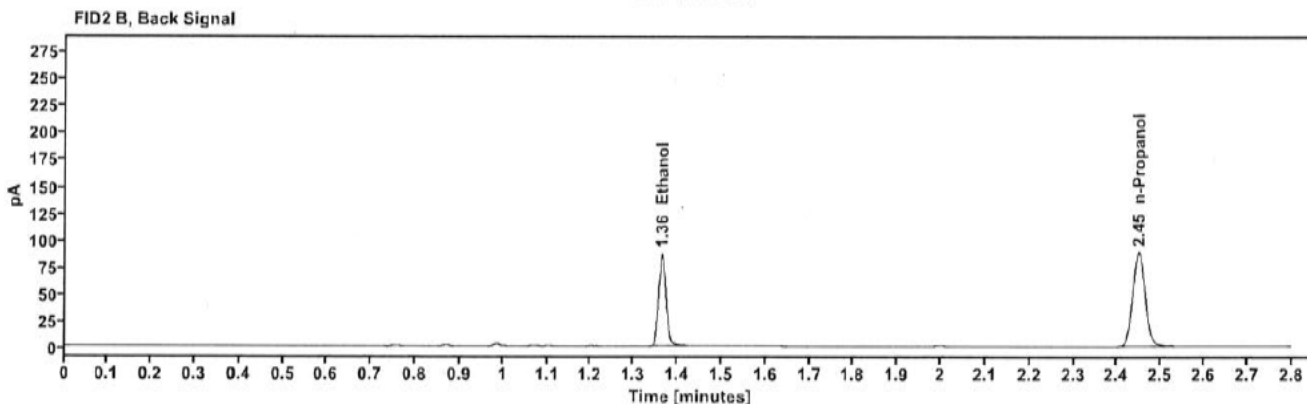
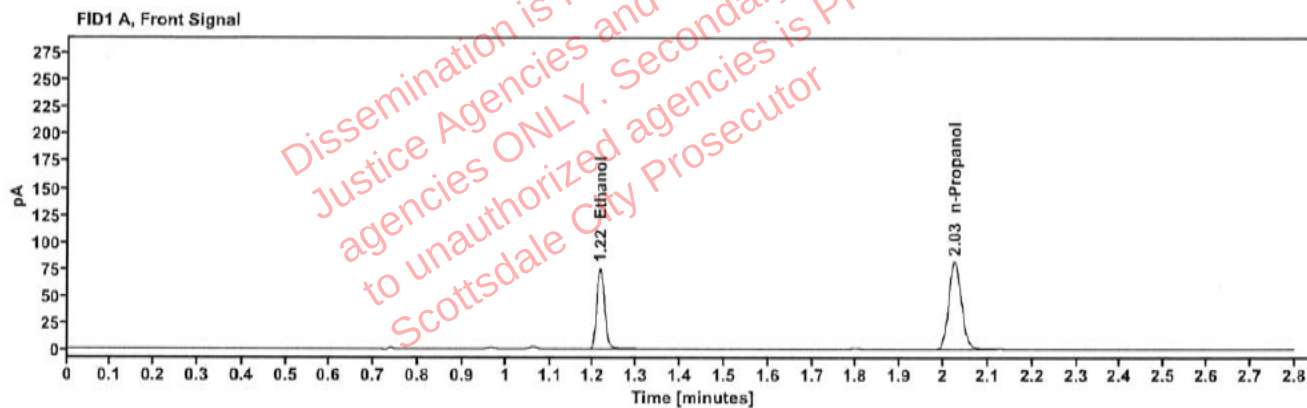


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1569	1.215	96.012
n-Propanol		2.025	163.199

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

Compound	Time (min)	Peak Area
Ethanol	1.364	104.643
n-Propanol	2.448	176.141

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509588-2	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 12:27:43 PM
Data file:	C:\Chem32\1\Data\13May25\36.D	Analyst:	Canonico

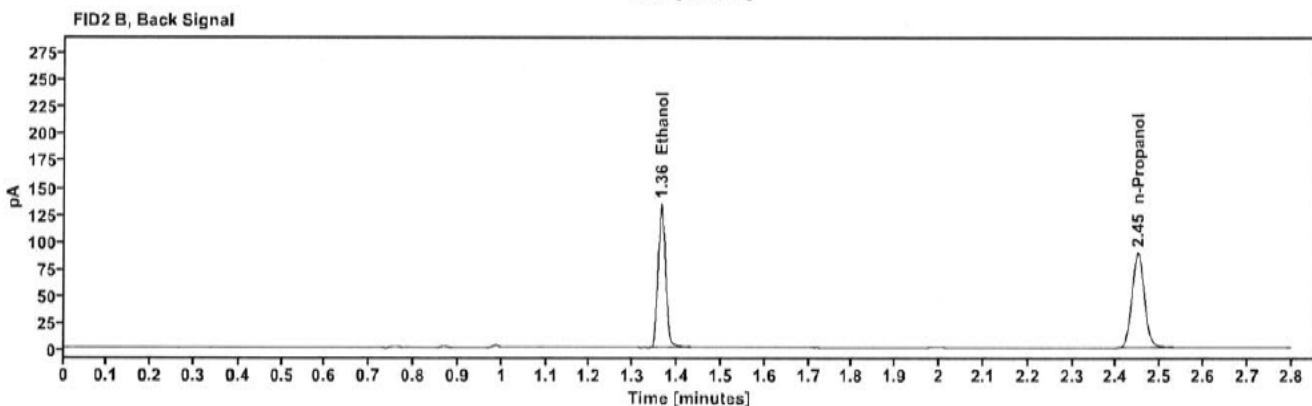
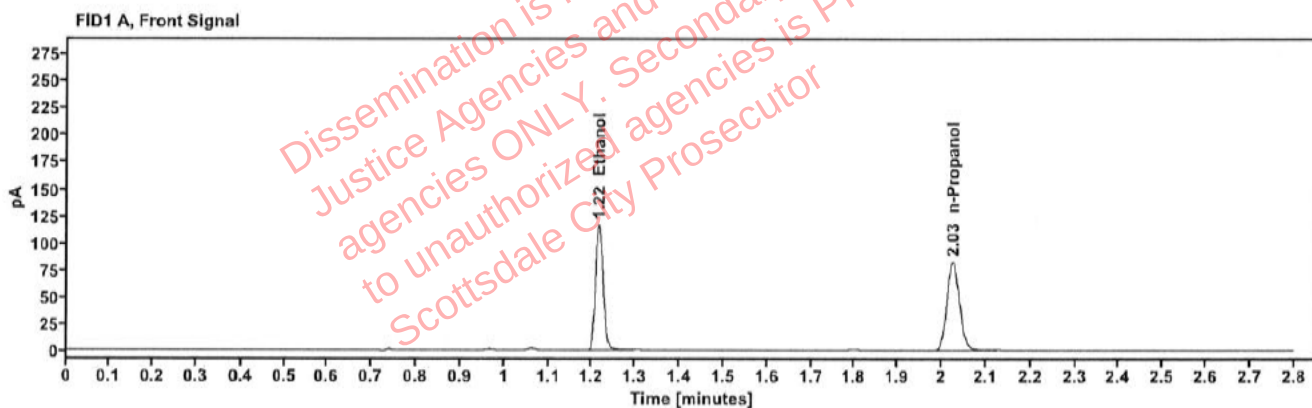


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2392	1.215	147.578
n-Propanol	-----	2.025	164.075

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

Compound	Time (min)	Peak Area
Ethanol	1.364	161.714
n-Propanol	2.448	177.072

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509588-2	Vial:	37
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 12:31:57 PM
Data file:	C:\Chem32\1\Data\13May25\37.D	Analyst:	Canonico

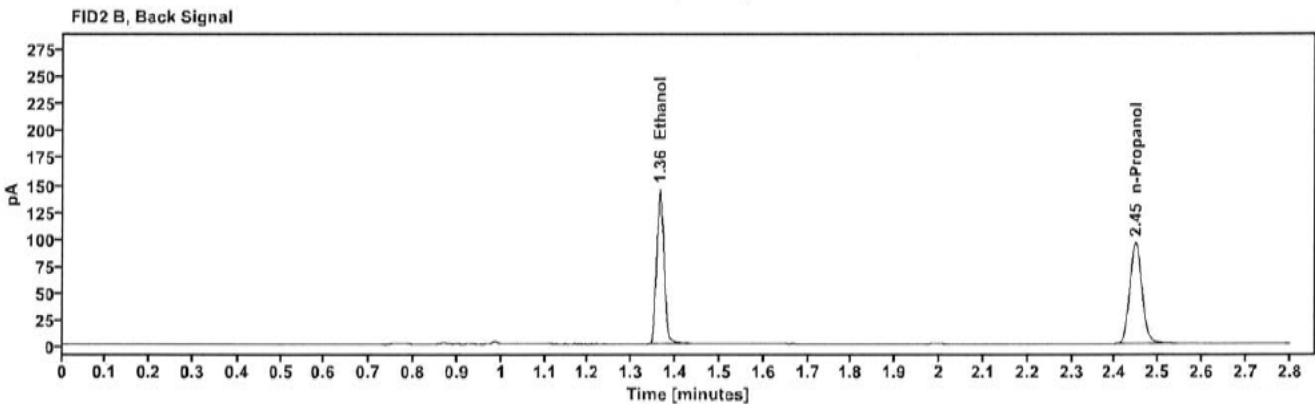
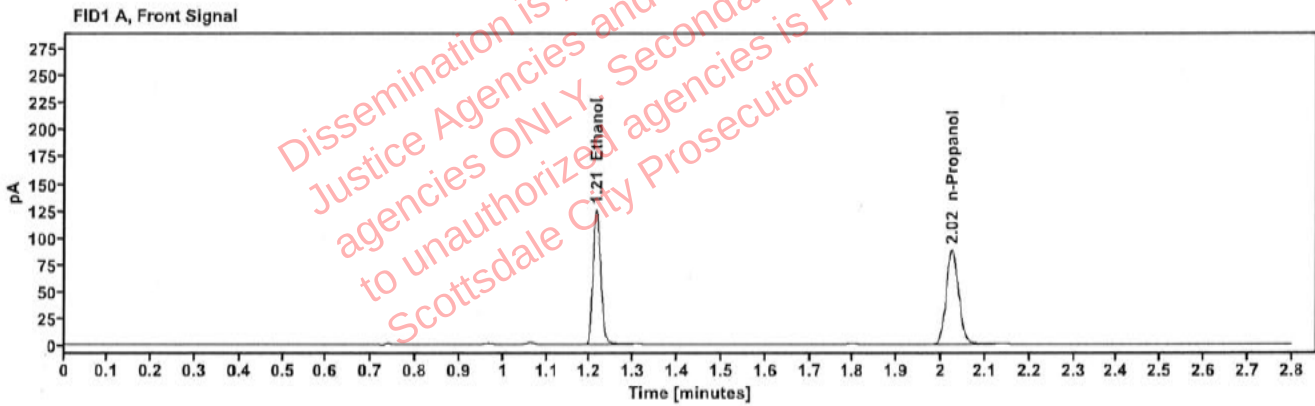


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2419	1.215	159.474
n-Propanol		2.024	175.290

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

Compound	Time (min)	Peak Area
Ethanol	1.363	175.403
n-Propanol	2.447	189.226

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509618-1	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 12:35:58 PM
Data file:	C:\Chem32\1\Data\13May25\38.D	Analyst:	Canonico

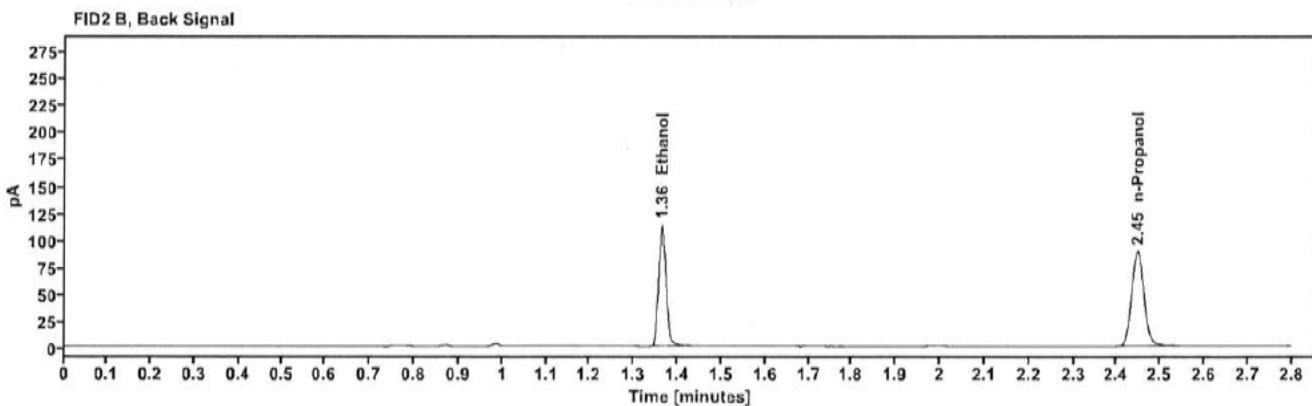
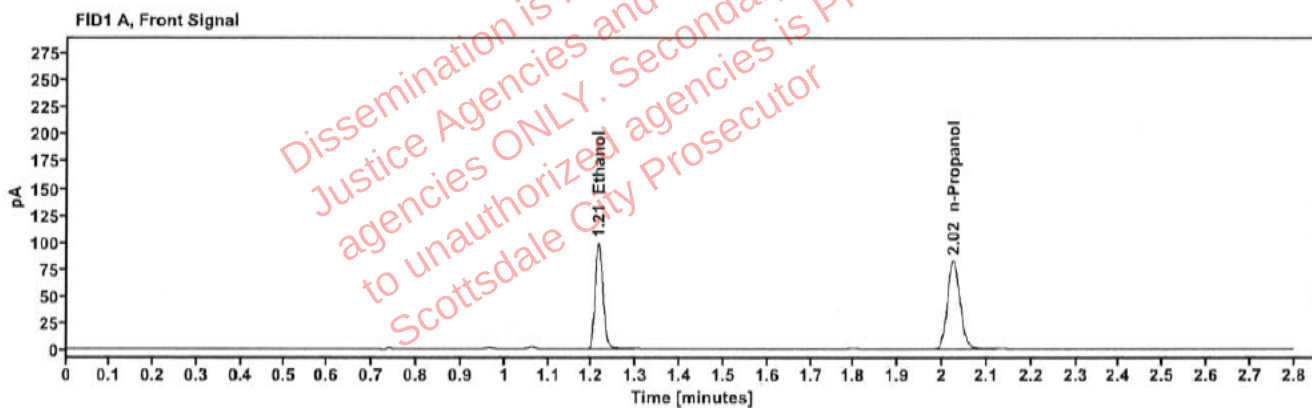


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2031	1.215	125.287
n-Propanol	-----	2.025	164.163

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

Compound	Time (min)	Peak Area
Ethanol	1.363	137.218
n-Propanol	2.447	177.538

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509618-1	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 12:39:58 PM
Data file:	C:\Chem32\1\Data\13May25\39.D	Analyst:	Canonico

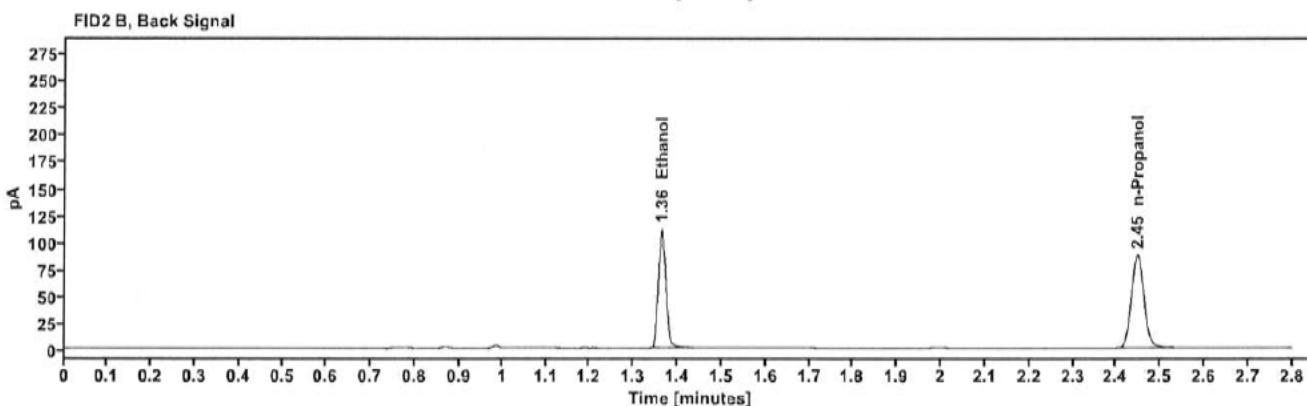
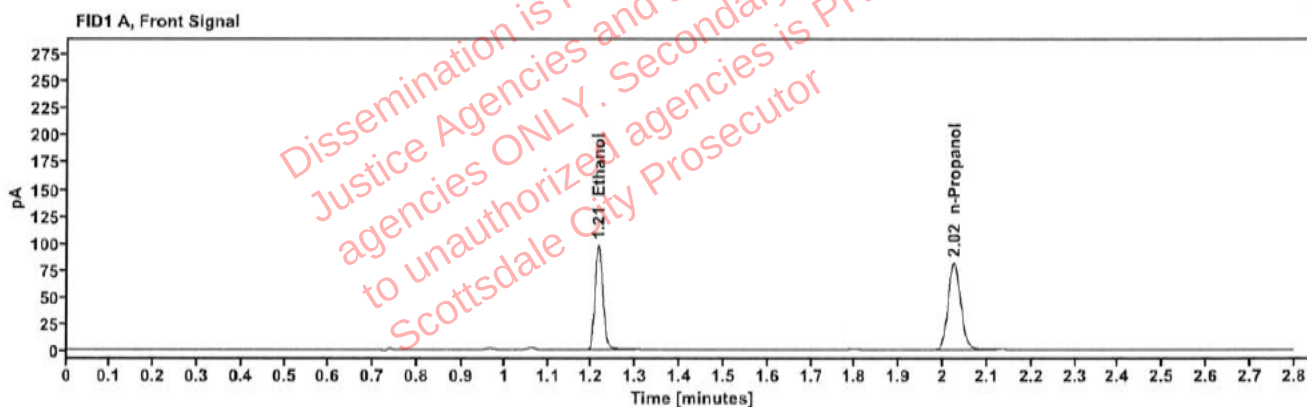


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2033	1.215	123.732
n-Propanol	-----	2.025	161.963

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

Compound	Time (min)	Peak Area
Ethanol	1.363	135.392
n-Propanol	2.447	175.331

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509682-2	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 12:43:58 PM
Data file:	C:\Chem32\1\Data\13May25\40.D	Analyst:	Canonico

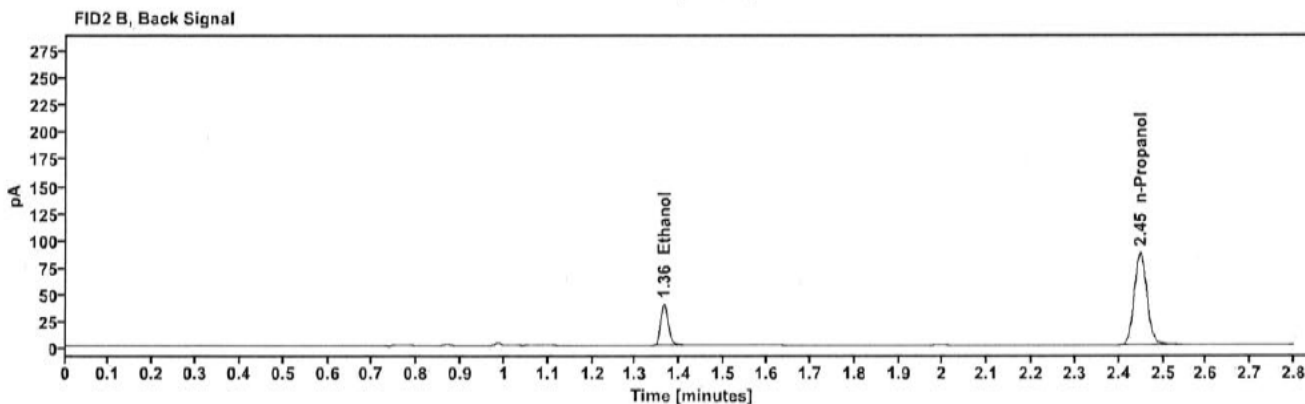
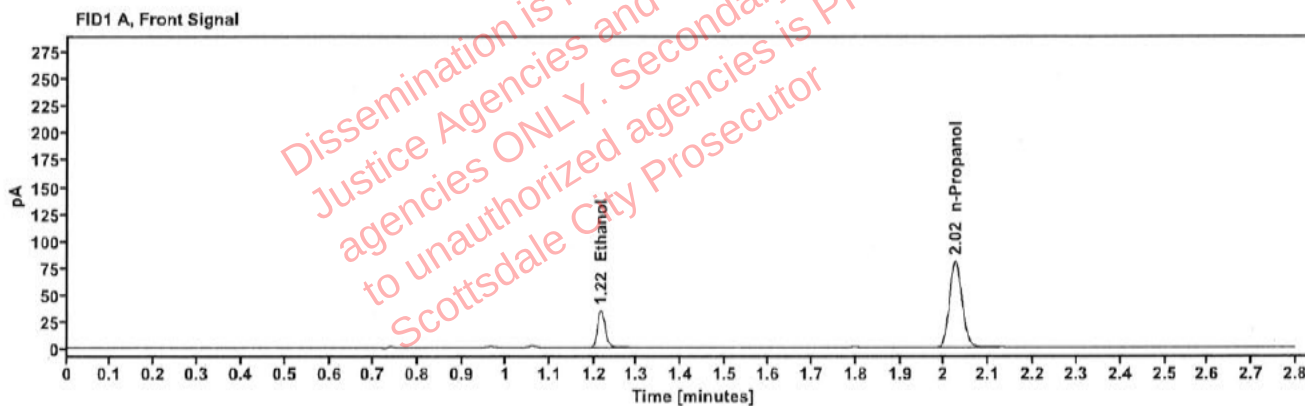


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0736	1.216	43.865
n-Propanol	-----	2.025	160.386

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

Compound	Time (min)	Peak Area
Ethanol	1.364	47.631
n-Propanol	2.448	173.544

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2509682-2	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	13May25
Instrument:	US14173023 CN14160045	Injection date:	5/13/2025 12:47:57 PM
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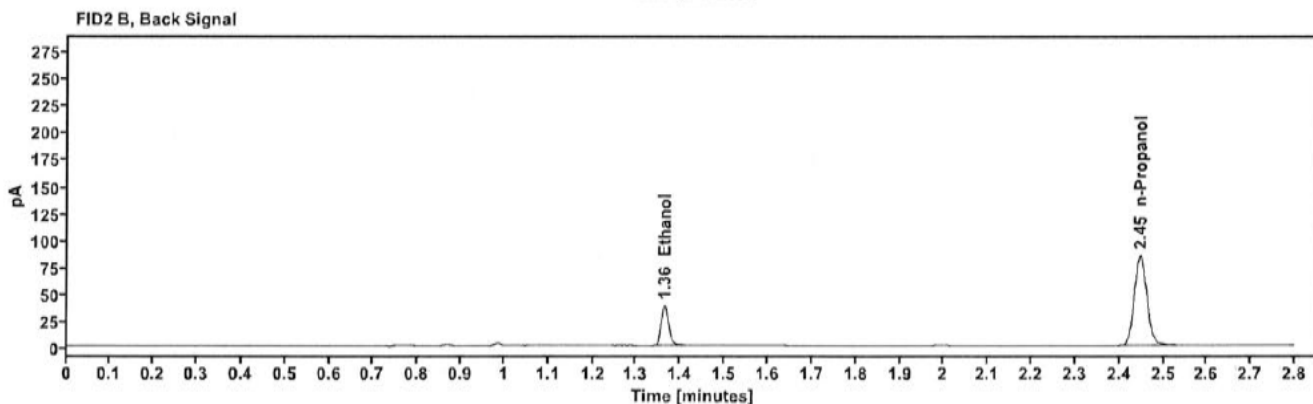
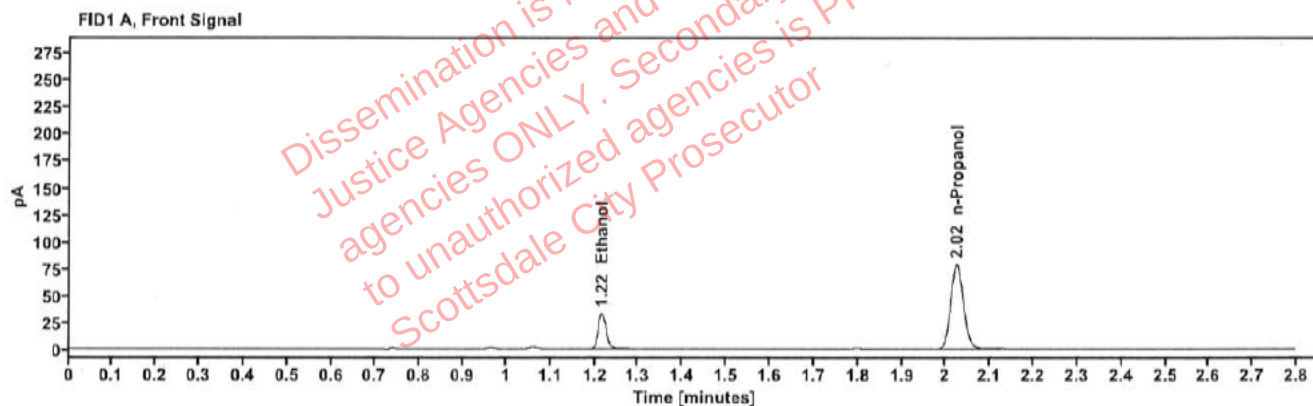


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0727	1.216	42.414
n-Propanol		2.025	157.140

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

Compound	Time (min)	Peak Area
Ethanol	1.364	46.156
n-Propanol	2.447	169.934