

Lab name: SRI Instruments
 Client: University of Georgia
 Client ID: N12896
 Analysis date: 10/01/2025 14:34:11
 Method: Valve
 Description: FID meth - med gain
 Column: MG#5
 Carrier: Ar@11psi
 Integration: Peak sens=95.0 Base sens=60.0 Min area= 1.00 Standard= 1.000 Sample= 1.000 Tangents=off
 Data file: ChannelOne-5323.CHR ()
 Sample: Methanizer Test
 QC batch:

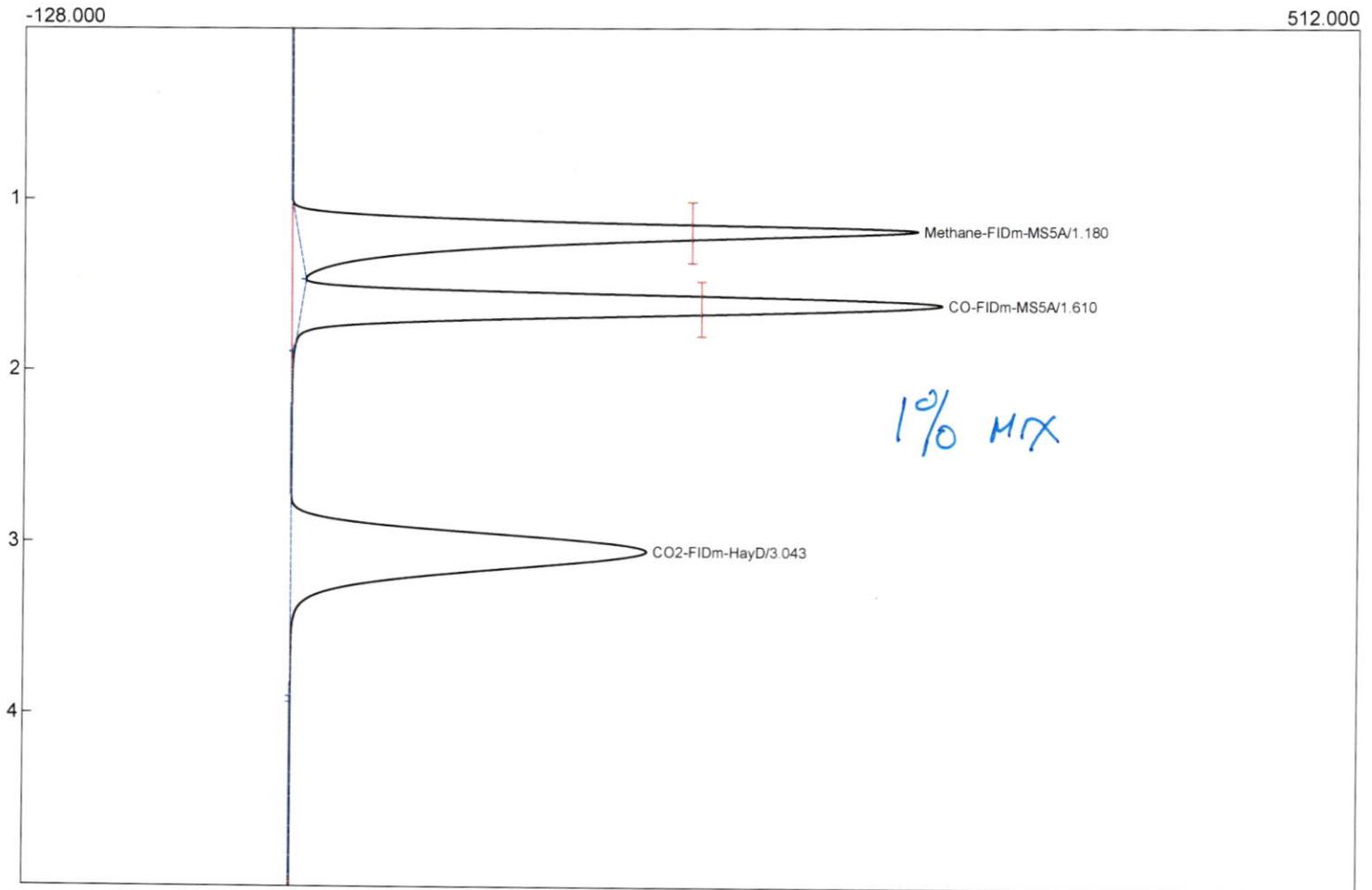
Temperature program:

Init temp	Hold	Ramp	Final temp
50.00	15.000	0.000	50.00

METHANIZER MeOH CHALLENGE

Events:

Time	Event
0.000	ZERO



Component	Retention	Area
Methane-FIDm-MS5A	1.180	2429.8822
CO-FIDm-MS5A	1.610	2437.7071
CO2-FIDm-HayD	3.043	2567.4828
CO-FIDm-HayD	0.000	0.0000
Methane-FIDm-HayD	0.000	0.0000

} NOTE EQUAL AREAS FOR CO, CH4 CO2

7435.0721

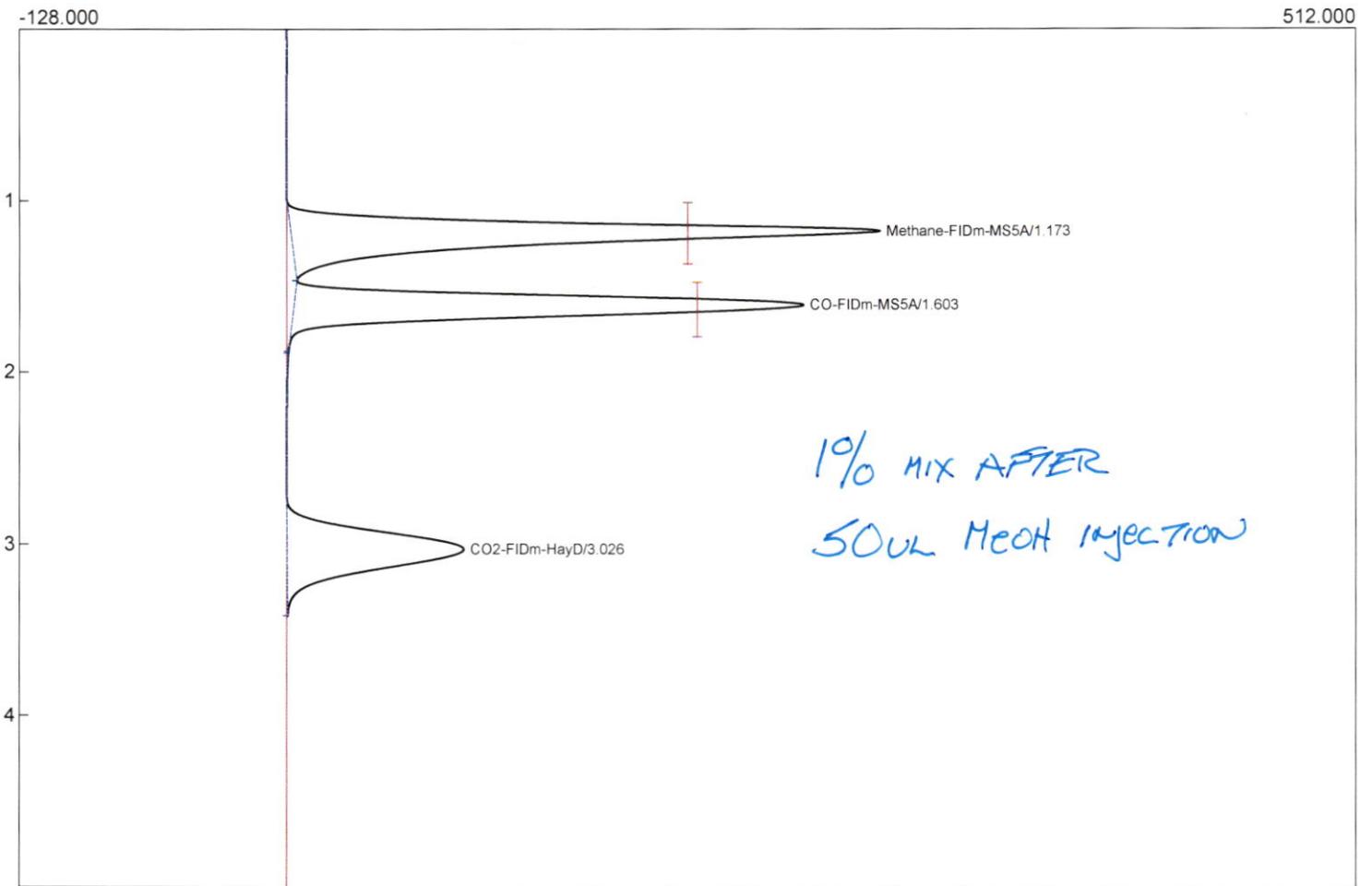
Lab name: SRI Instruments
 Client: University of Georgia
 Client ID: N12896
 Analysis date: 10/02/2025 11:52:27
 Method: Valve
 Description: FID meth - med gain
 Column: MG#5
 Carrier: Ar@11psi
 Integration: Peak sens=95.0 Base sens=60.0 Min area= 1.00 Standard= 1.000 Sample= 1.000 Tangents=off
 Data file: ChannelOne-5328.CHR ()
 Sample: Methanizer Test
 QC batch:

Temperature program:

Init temp	Hold	Ramp	Final temp
50.00	10.000	0.000	50.00

Events:

Time	Event
0.000	ZERO



Component	Retention	Area
Methane-FIDm-MS5A	1.173	2258.7550
CO-FIDm-MS5A	1.603	1904.8319
CO2-FIDm-HayD	3.026	1209.1344
CO-FIDm-HayD	0.000	0.0000
Methane-FIDm-HayD	0.000	0.0000

} NOTE: REDUCED AREA FOR CO+CO2

5372.7213

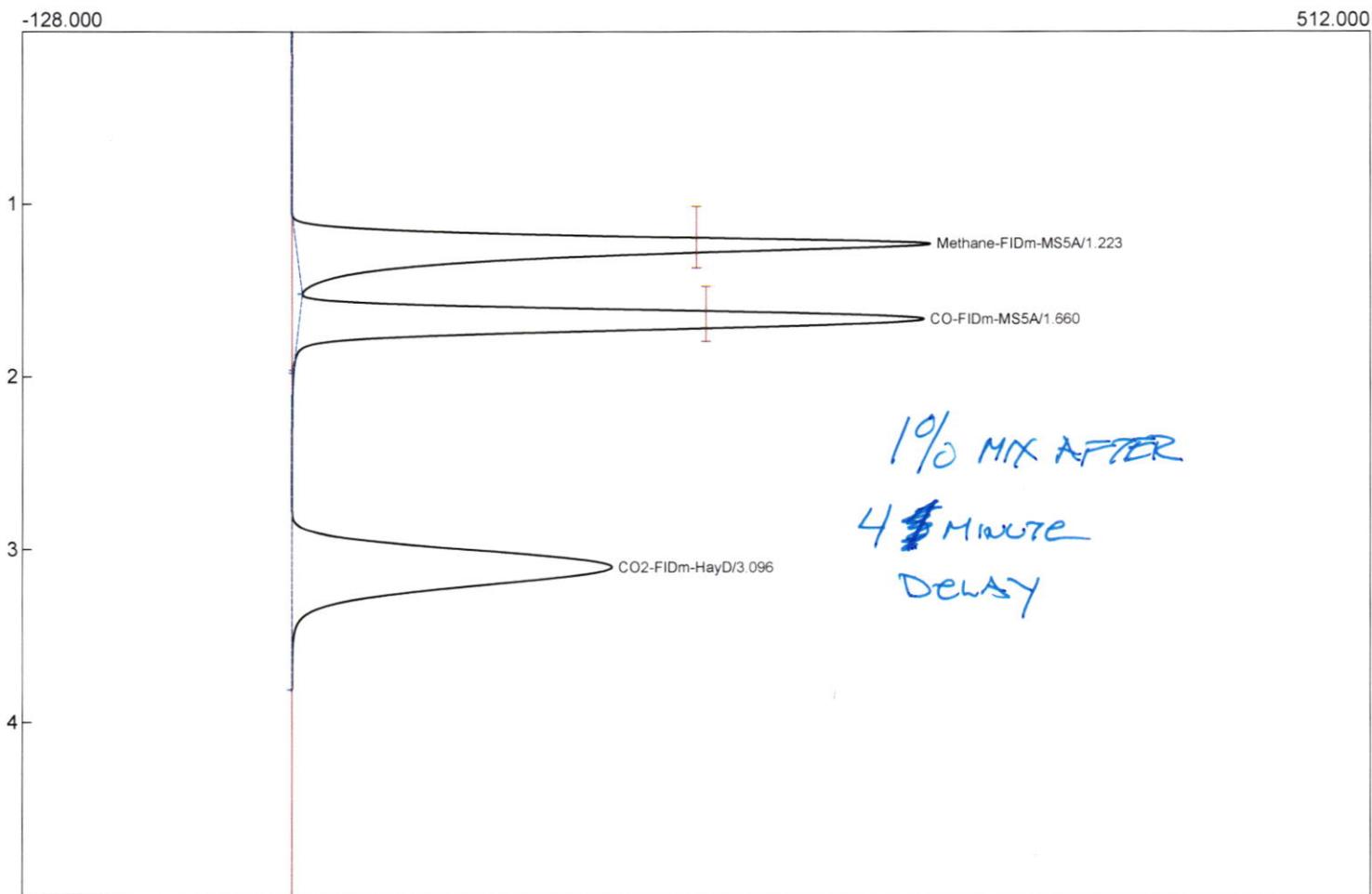
Lab name: SRI Instruments
 Client: University of Georgia
 Client ID: N12896
 Analysis date: 10/02/2025 11:56:28
 Method: Valve
 Description: FID meth - med gain
 Column: MG#5
 Carrier: Ar@11psi
 Integration: Peak sens=95.0 Base sens=60.0 Min area= 1.00 Standard= 1.000 Sample= 1.000 Tangents=off
 Data file: ChannelOne-5329.CHR ()
 Sample: Methanizer Test
 QC batch:

Temperature program:

Init temp	Hold	Ramp	Final temp
50.00	10.000	0.000	50.00

Events:

Time	Event
0.000	ZERO



Component	Retention	Area
Methane-FIDm-MS5A	1.223	2373.3220
CO-FIDm-MS5A	1.660	2303.1004
CO2-FIDm-HayD	3.096	2236.2195
CO-FIDm-HayD	0.000	0.0000
Methane-FIDm-HayD	0.000	0.0000

6912.6419

} AREAS RECOVERING

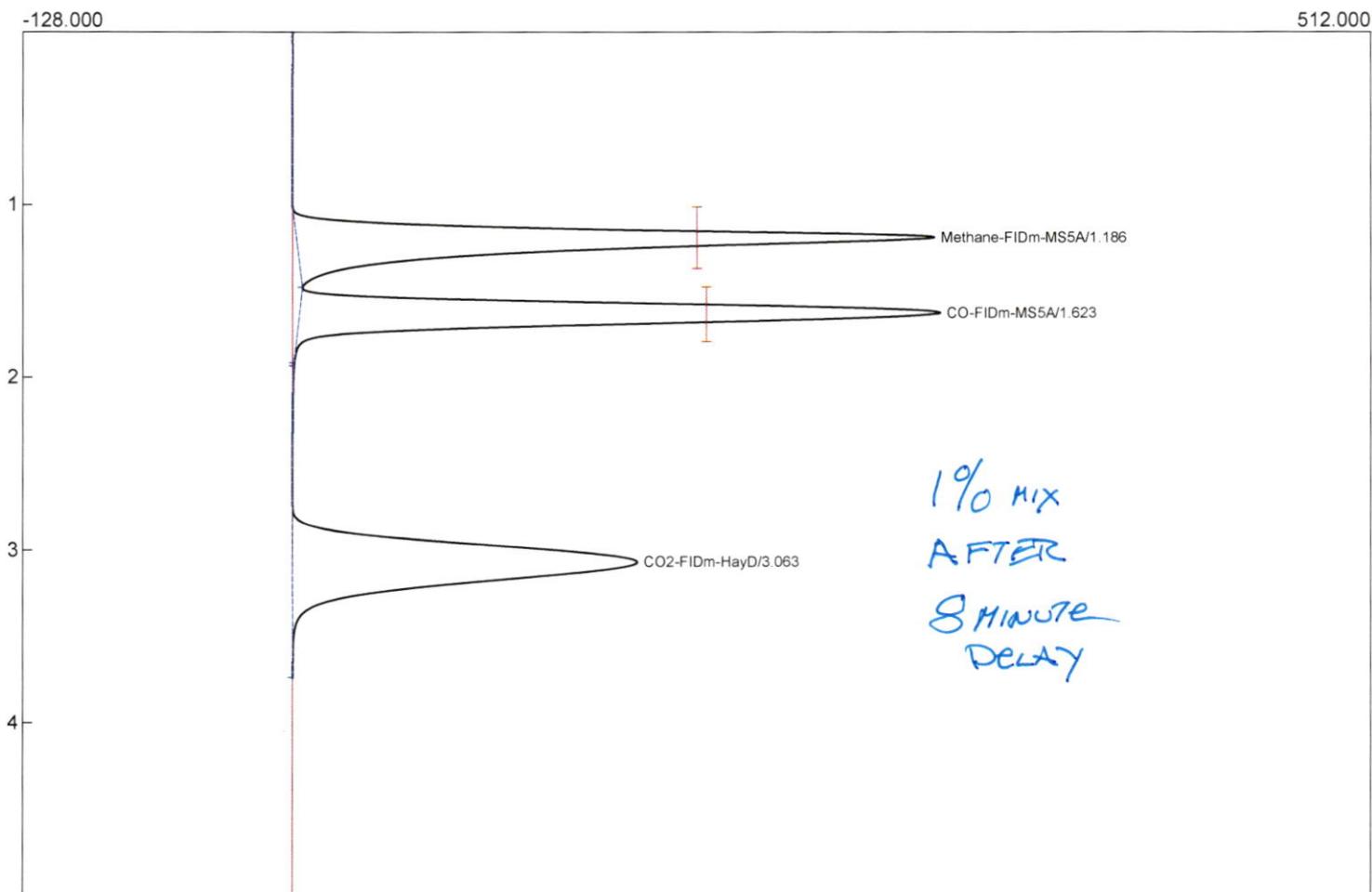
Lab name: SRI Instruments
 Client: University of Georgia
 Client ID: N12896
 Analysis date: 10/02/2025 12:00:46
 Method: Valve
 Description: FID meth - med gain
 Column: MG#5
 Carrier: Ar@11psi
 Integration: Peak sens=95.0 Base sens=60.0 Min area= 1.00 Standard= 1.000 Sample= 1.000 Tangents=off
 Data file: ChannelOne-5330.CHR ()
 Sample: Methanizer Test
 QC batch:

Temperature program:

Init temp	Hold	Ramp	Final temp
50.00	10.000	0.000	50.00

Events:

Time	Event
0.000	ZERO



Component	Retention	Area
Methane-FIDm-MS5A	1.186	2376.3930
CO-FIDm-MS5A	1.623	2358.2849
CO2-FIDm-HayD	3.063	2411.3866
CO-FIDm-HayD	0.000	0.0000
Methane-FIDm-HayD	0.000	0.0000
		7146.0645

} MORE RECOVERY

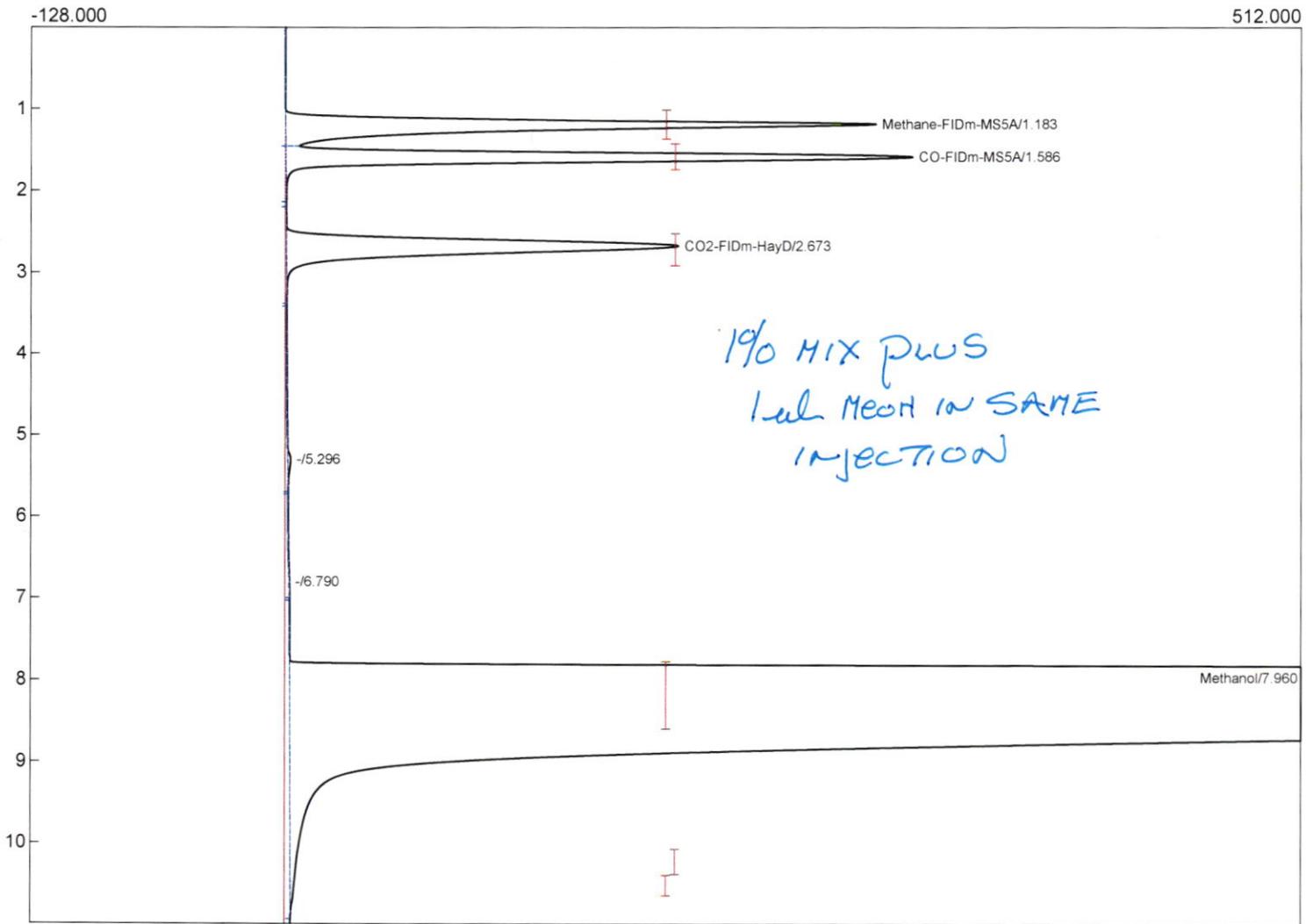
Lab name: SRI Instruments
 Client: University of Georgia
 Client ID: N12896
 Analysis date: 10/02/2025 13:27:32
 Method: Valve
 Description: FID meth - med gain
 Column: MG#5
 Carrier: Ar@11psi
 Integration: Peak sens=95.0 Base sens=60.0 Min area= 1.00 Standard= 1.000 Sample= 1.000 Tangents=off
 Data file: ChannelOne-5332.CHR ()
 Sample: Methanizer Test
 QC batch:

Temperature program:

Init temp	Hold	Ramp	Final temp
50.00	0.000	20.000	150.00
150.00	5.000	0.000	150.00
40.00	0.000	5.000	50.00

Events:

Time	Event
0.000	ZERO



Component	Retention	Area
Methane-FIDm-MS5A	1.183	2425.1472
CO-FIDm-MS5A	1.586	2394.0201
CO2-FIDm-HayD	2.673	2244.9806
Methanol	7.960	96504.1562
CO-FIDm-HayD	0.000	0.0000
Methane-FIDm-HayD	0.000	0.0000

} NO LOSS OF AREA

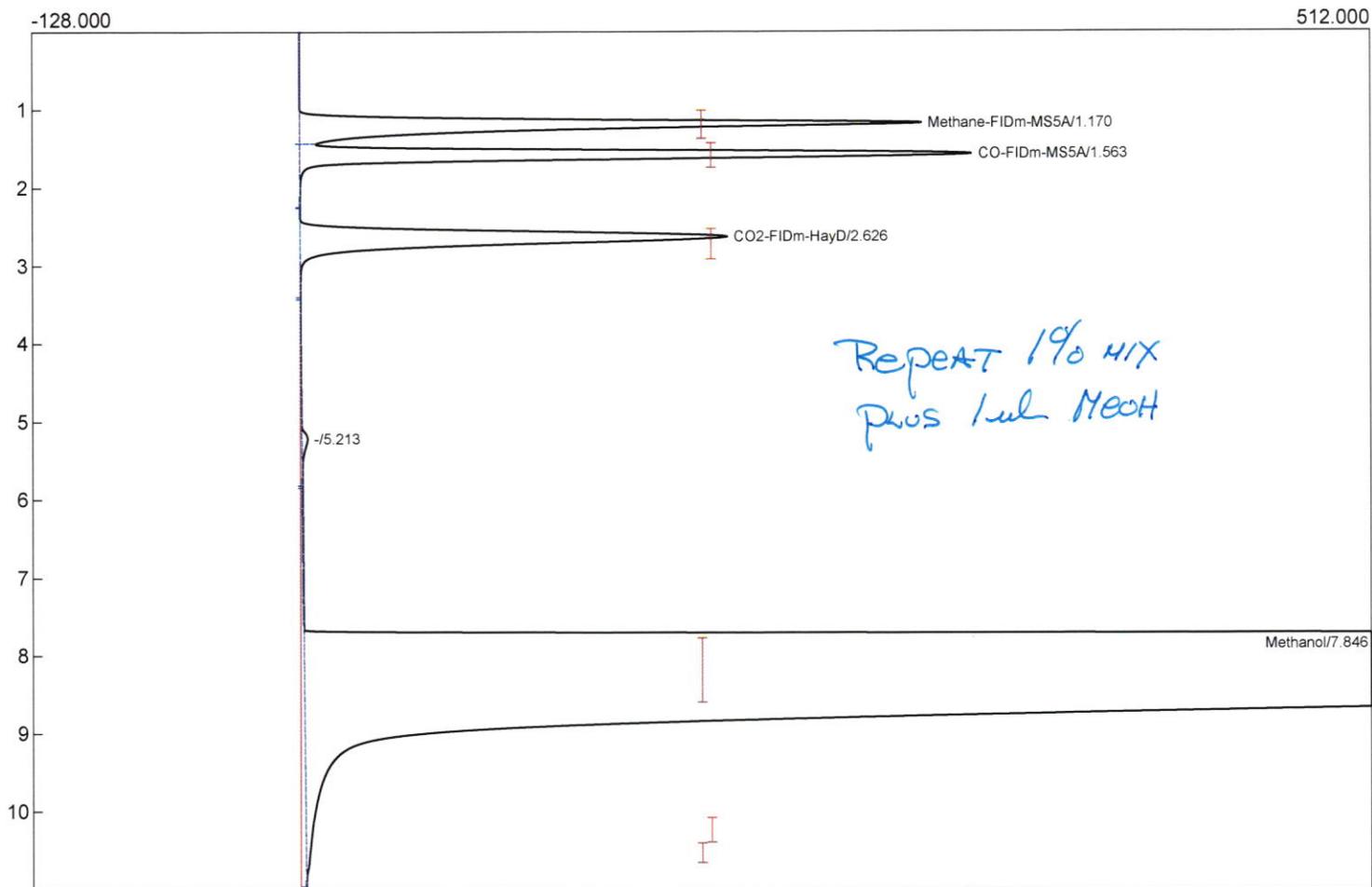
Lab name: SRI Instruments
 Client: University of Georgia
 Client ID: N12896
 Analysis date: 10/02/2025 13:40:38
 Method: Valve
 Description: FID meth - med gain
 Column: MG#5
 Carrier: Ar@11psi
 Integration: Peak sens=95.0 Base sens=60.0 Min area= 1.00 Standard= 1.000 Sample= 1.000 Tangents=off
 Data file: ChannelOne-5333.CHR ()
 Sample: Methanizer Test
 QC batch:

Temperature program:

Init temp	Hold	Ramp	Final temp
50.00	0.000	20.000	150.00
150.00	5.000	0.000	150.00
40.00	0.000	5.000	50.00

Events:

Time	Event
0.000	ZERO



Component	Retention	Area
Methane-FIDm-MS5A	1.170	2414.4860
CO-FIDm-MS5A	1.563	2397.8033
CO2-FIDm-HayD	2.626	2303.8014
Methanol	7.846	108752.7080
CO-FIDm-HayD	0.000	0.0000
Methane-FIDm-HayD	0.000	0.0000
		115868.7987

} NO LOSS