

Lab name: SRI Instruments
 Client: SRI R&D
 Client ID: N12958
 Analysis date: 02/13/2026 10:55:48
 Method: GrenhouseGas GC
 Description: FIDmethanizer 300C medgai7015
 Column: 3' Shincarbon
 Carrier: Nitrogen@20psi
 Integration: Peak sens=70.0 Base sens=60.0 Min area= 0.10 Standard
 Data file: MG5Ch1-143.chr ()
 Sample: Room air N2 carrier@20psi
 Comments: N2 makeup gas for ECD=30psi FID
 H2makeup=25psi=30ml/min Air=BIAC

Temperature program:

Init temp Hold Ramp Final temp
 80.00 10.000 0.000 80.00

Events:

Time Event
 0.000 ZERO
 0.020 G ON (Valve1Rotate)
 0.800 INTEG BASED IMMEDIATE
 1.100 INTEG BASED IMMEDIATE
 1.700 INTEG BASED IMMEDIATE
 5.000 G OFF (Valve1Rotate)

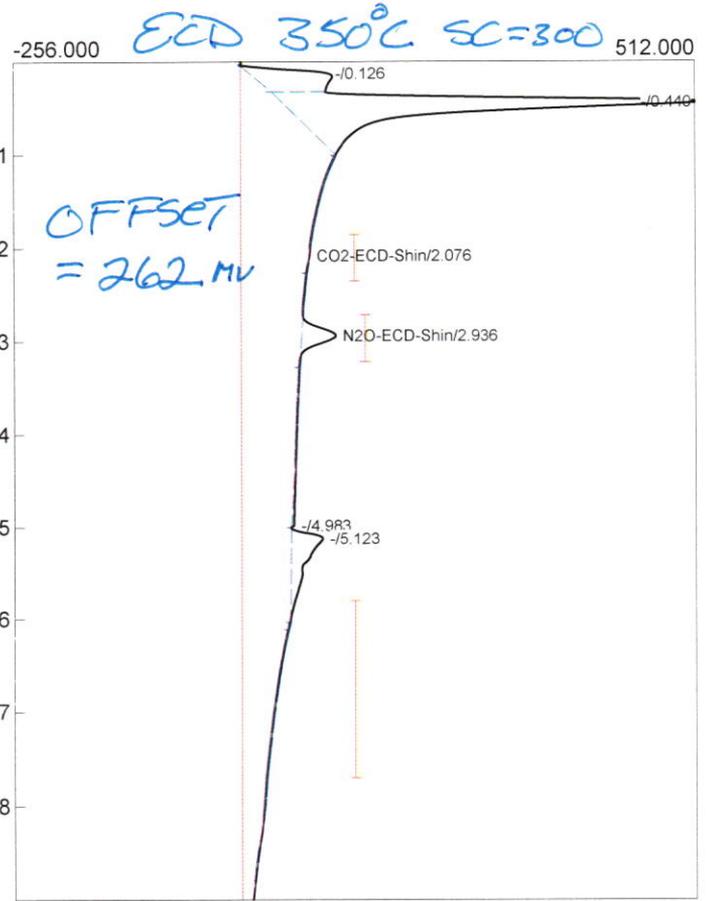
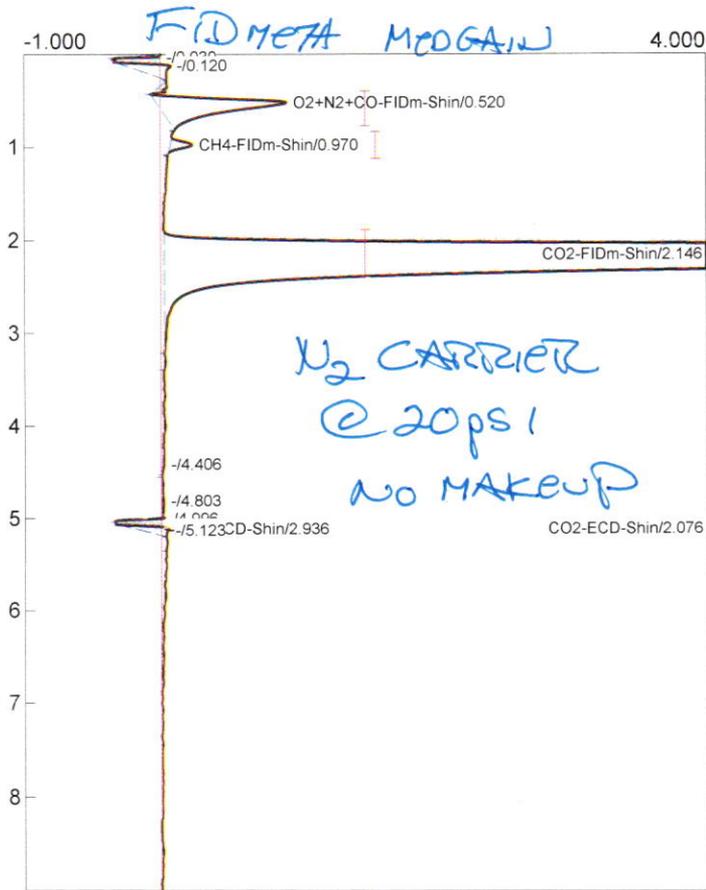
Lab name: SRI Instruments
 Client: SRI R&D
 Client ID: N12958
 Analysis date: 02/13/2026 10:55:48
 Method: GrenhouseGas GC
 Description: ECD 350C SC=300
 Column: 3' Shincarbon
 Carrier: Nitrogen@20psi
 Integration: Peak sens=70.0 Base sens=60.0 Min area= 5.00 Standard
 Data file: MG5Ch2-143.chr ()
 Sample: Room air N2 carrier@20psi
 Comments: N2 makeup gas for ECD=30psi FID
 H2makeup=25psi=30ml/min Air=BIAC

Temperature program:

Init temp Hold Ramp Final temp

Events:

Time Event
 0.000 ZERO
 1.000 INTEG BASED IMMEDIATE
 2.600 INTEG BASED IMMEDIATE
 3.300 INTEG BASED IMMEDIATE
 4.200 INTEG BASED IMMEDIATE
 6.000 INTEG BASED IMMEDIATE
 8.000 INTEG BASED IMMEDIATE



Component	Retention	Area	Internal	Units
O2+N2+CO-FIDm-Shin	0.520	8.9088	29.4252	%
CH4-FIDm-Shin	0.970	0.8052	2.1319	ppm
CO2-FIDm-Shin	2.146	238.8696	600.3695	ppm
CO2-ECD-Shin	2.076	8.4709	383.0213	ppm
N2O-ECD-Shin	2.936	448.0126	111.9547	ppb
H2O-ECD	0.000	0.0000	0.0000	
		705.0671	1126.9026	

Component	Retention	Area	Internal	Units
CO2-ECD-Shin	2.076	8.4709	383.0213	ppm
N2O-ECD-Shin	2.936	448.0126	111.9547	ppb
H2O-ECD	0.000	0.0000	0.0000	
		456.4835	494.9761	

Lab name: SRI Instruments
 Client: SRI R&D
 Client ID: N12958
 Analysis date: 02/13/2026 10:27:39
 Method: GrenhouseGas GC
 Description: FIDmethanizer 300C medgai7015
 Column: 3' Shincarbon
 Carrier: Argon@20psi
 Integration: Peak sens=70.0 Base sens=60.0 Min area= 0.10 Standard
 Data file: MG5Ch1-141.chr ()
 Sample: Room air N2 makeup=30psi
 Comments: N2 makeup gas for ECD=30psi FID
 H2makeup=25psi=30ml/min Air=BIAC

Temperature program:

Init temp Hold Ramp Final temp
 80.00 10.000 0.000 80.00

Events:

Time Event
 0.000 ZERO
 0.020 G ON (Valve1Rotate)
 0.800 INTEG BASED IMMEDIATE
 1.100 INTEG BASED IMMEDIATE
 2.000 INTEG BASED IMMEDIATE
 5.000 G OFF (Valve1Rotate)

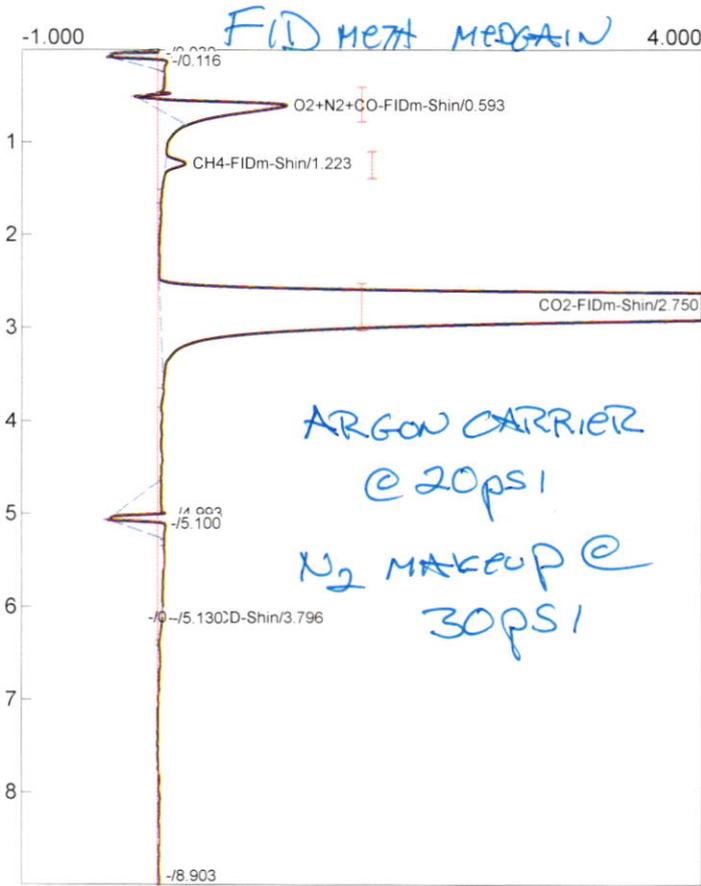
Lab name: SRI Instruments
 Client: SRI R&D
 Client ID: N12958
 Analysis date: 02/13/2026 10:27:39
 Method: GrenhouseGas GC
 Description: ECD 350C SC=300
 Column: 3' Shincarbon
 Carrier: Argon@20psi
 Integration: Peak sens=70.0 Base sens=60.0 Min area= 5.00 Standard
 Data file: MG5Ch2-141.chr ()
 Sample: Room air No makeup N2
 Comments: N2 makeup gas for ECD=30psi FID
 H2makeup=25psi=30ml/min Air=BIAC

Temperature program:

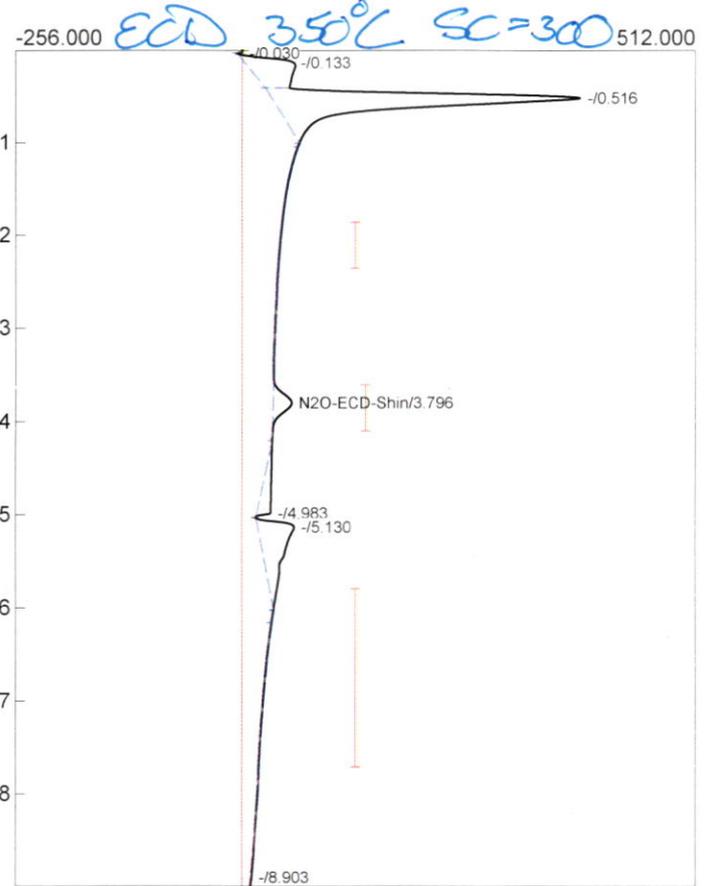
Init temp Hold Ramp Final temp

Events:

Time Event
 0.000 ZERO
 1.000 INTEG BASED IMMEDIATE
 2.600 INTEG BASED IMMEDIATE
 3.300 INTEG BASED IMMEDIATE
 4.200 INTEG BASED IMMEDIATE
 6.000 INTEG BASED IMMEDIATE
 8.000 INTEG BASED IMMEDIATE



Component	Retention	Area	Internal	Units
O2+N2+CO-FIDm-Shin	0.593	8.7215	28.8066	%
CH4-FIDm-Shin	1.223	0.9222	2.4416	ppm
CO2-FIDm-Shin	2.750	218.0921	548.1478	ppm
CO2-ECD-Shin	0.000	0.0000	0.0000	ppm
N2O-ECD-Shin	3.796	299.4323	74.8257	ppb
H2O-ECD	0.000	0.0000	0.0000	
		527.1681	654.2217	



Component	Retention	Area	Internal	Units
CO2-ECD-Shin	0.000	0.0000	0.0000	ppm
N2O-ECD-Shin	3.796	299.4323	74.8257	ppb
H2O-ECD	0.000	0.0000	0.0000	
		299.4323	74.8257	