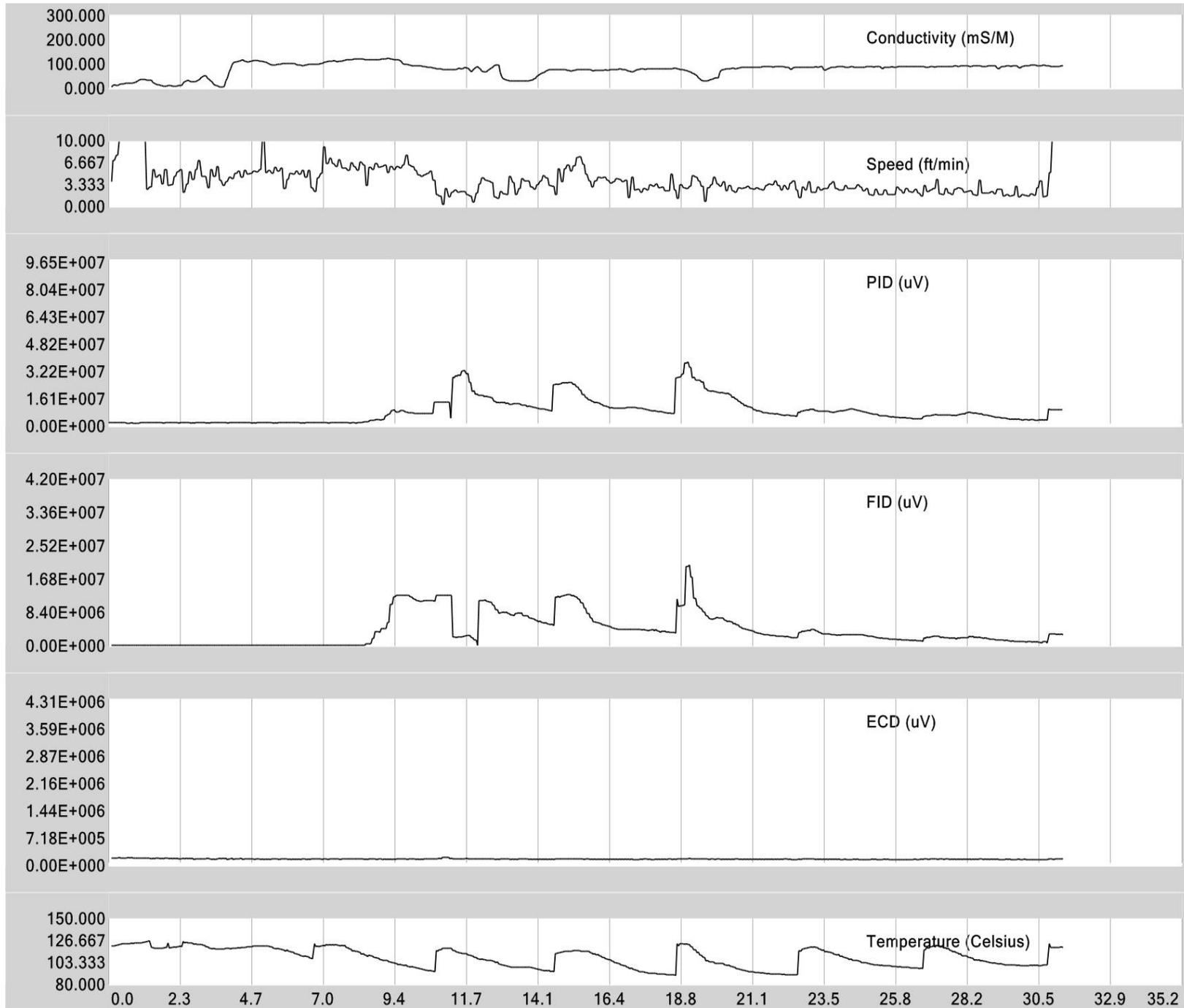


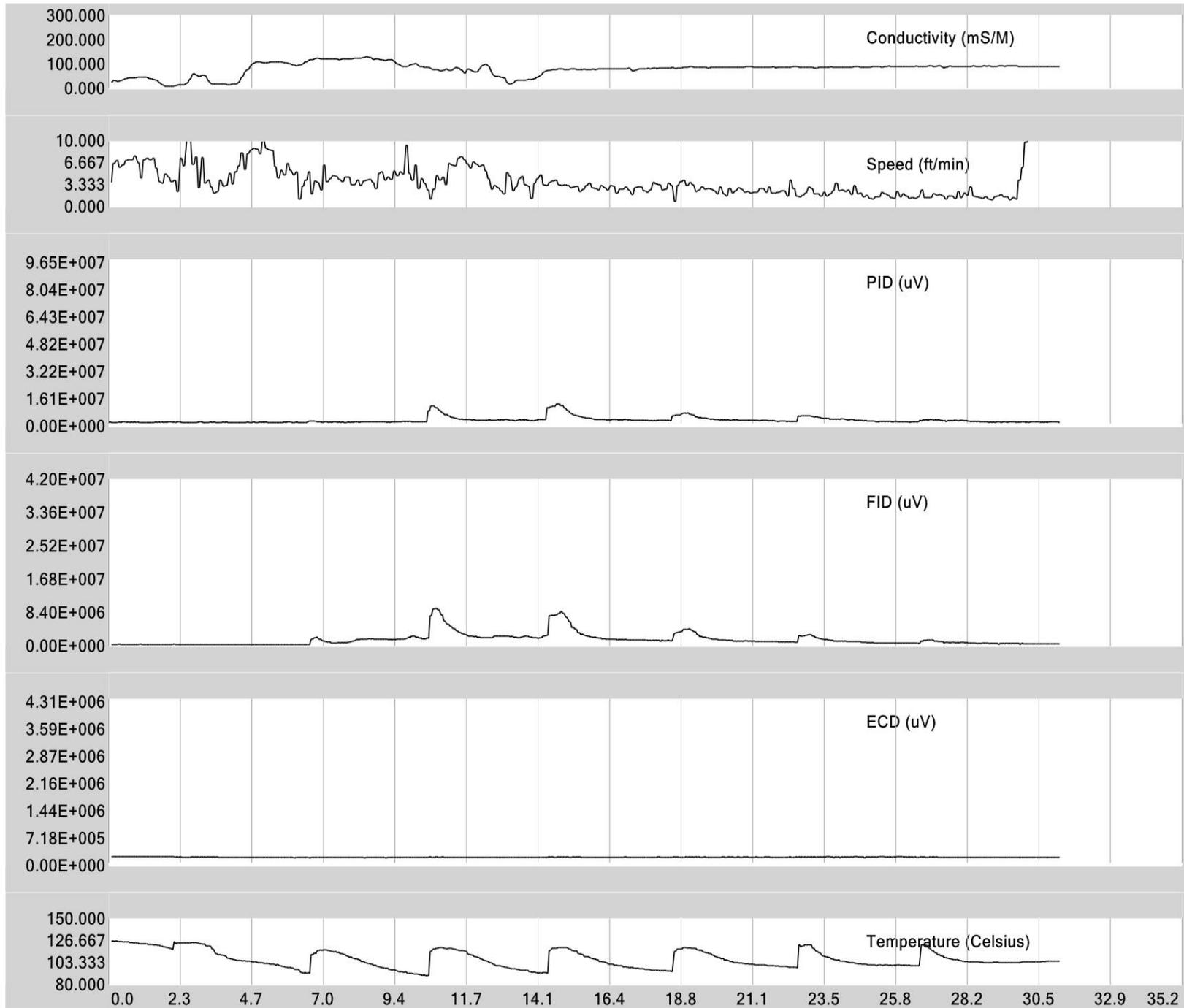
Appendix B

Steve's Amoco

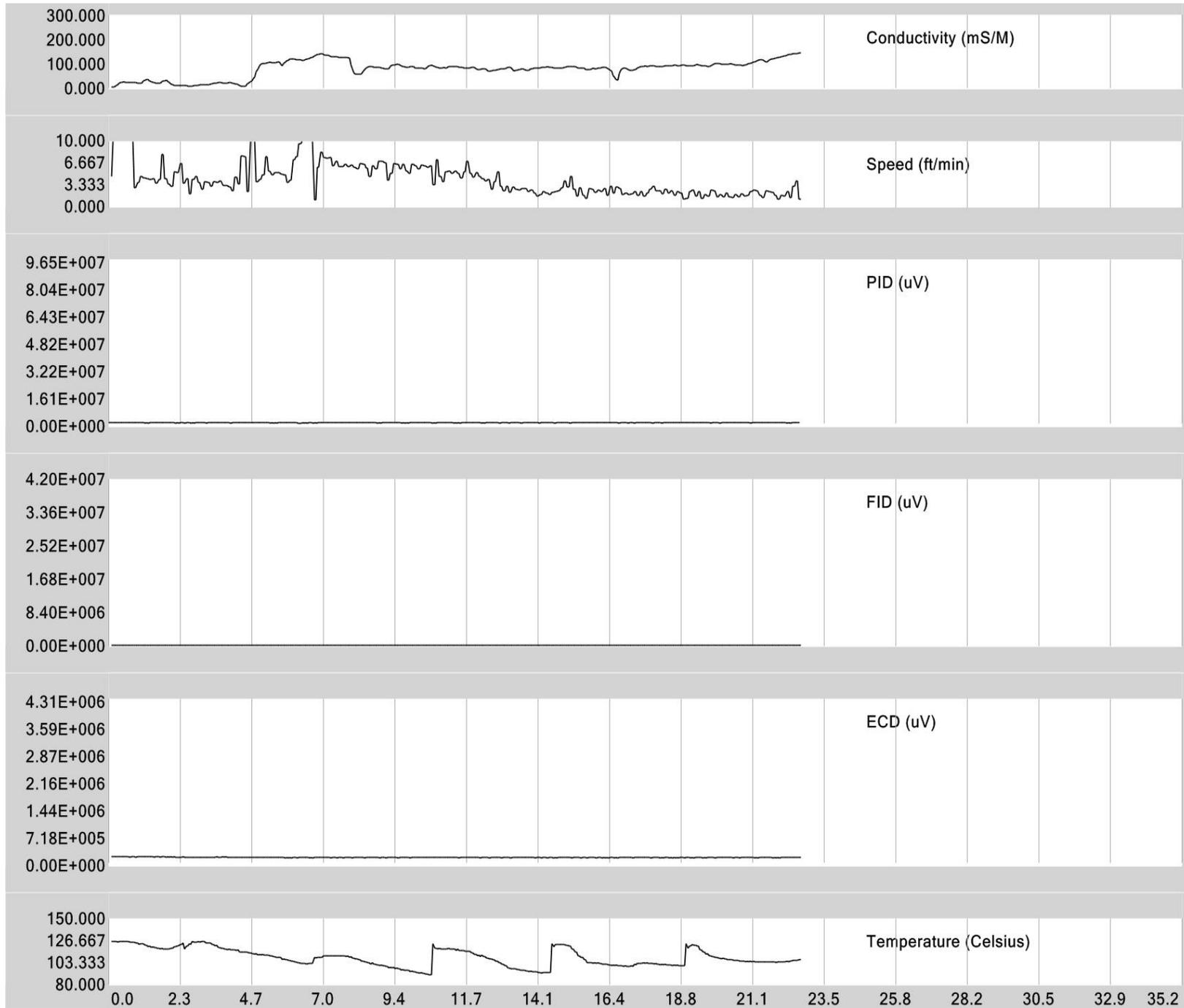
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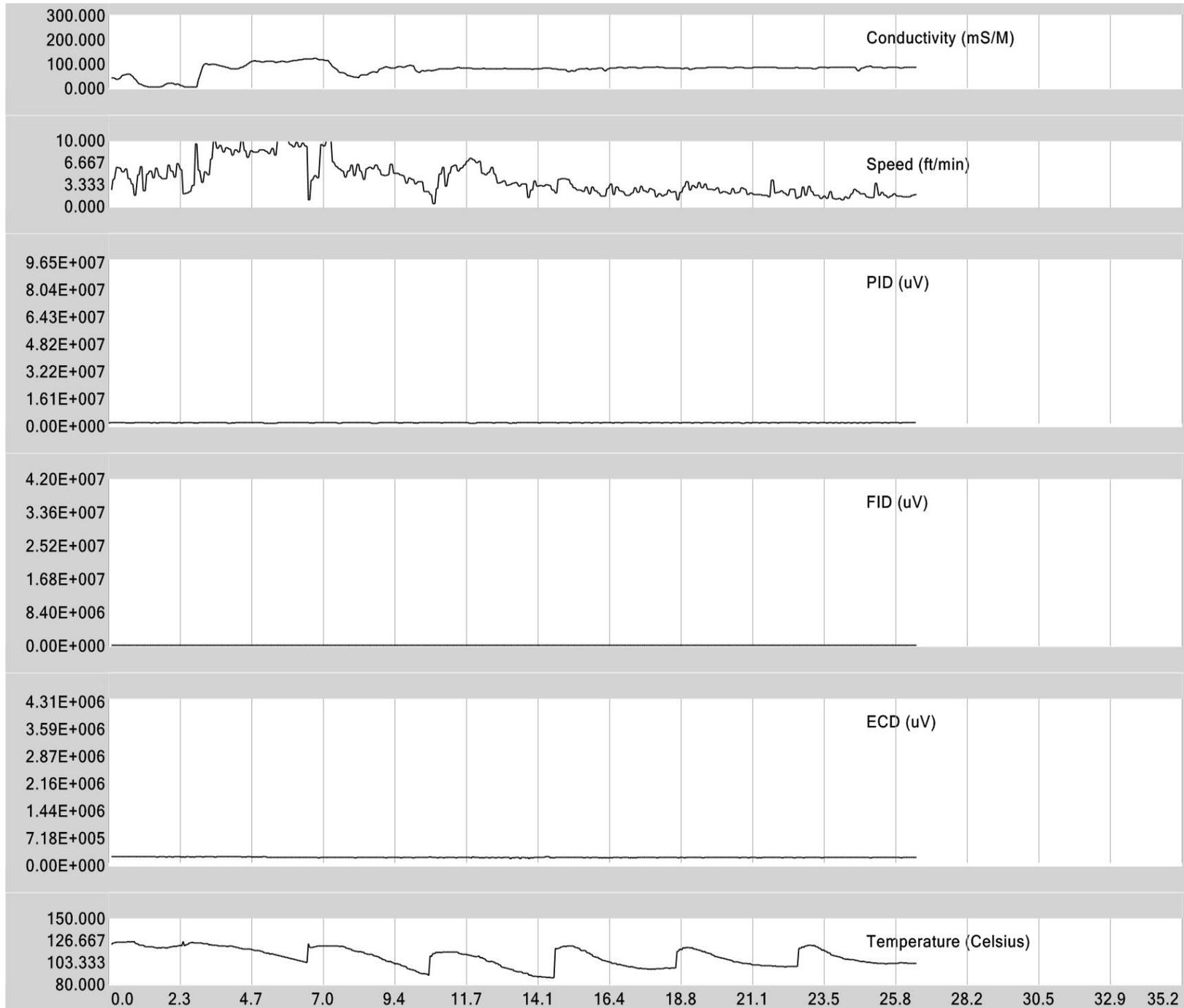
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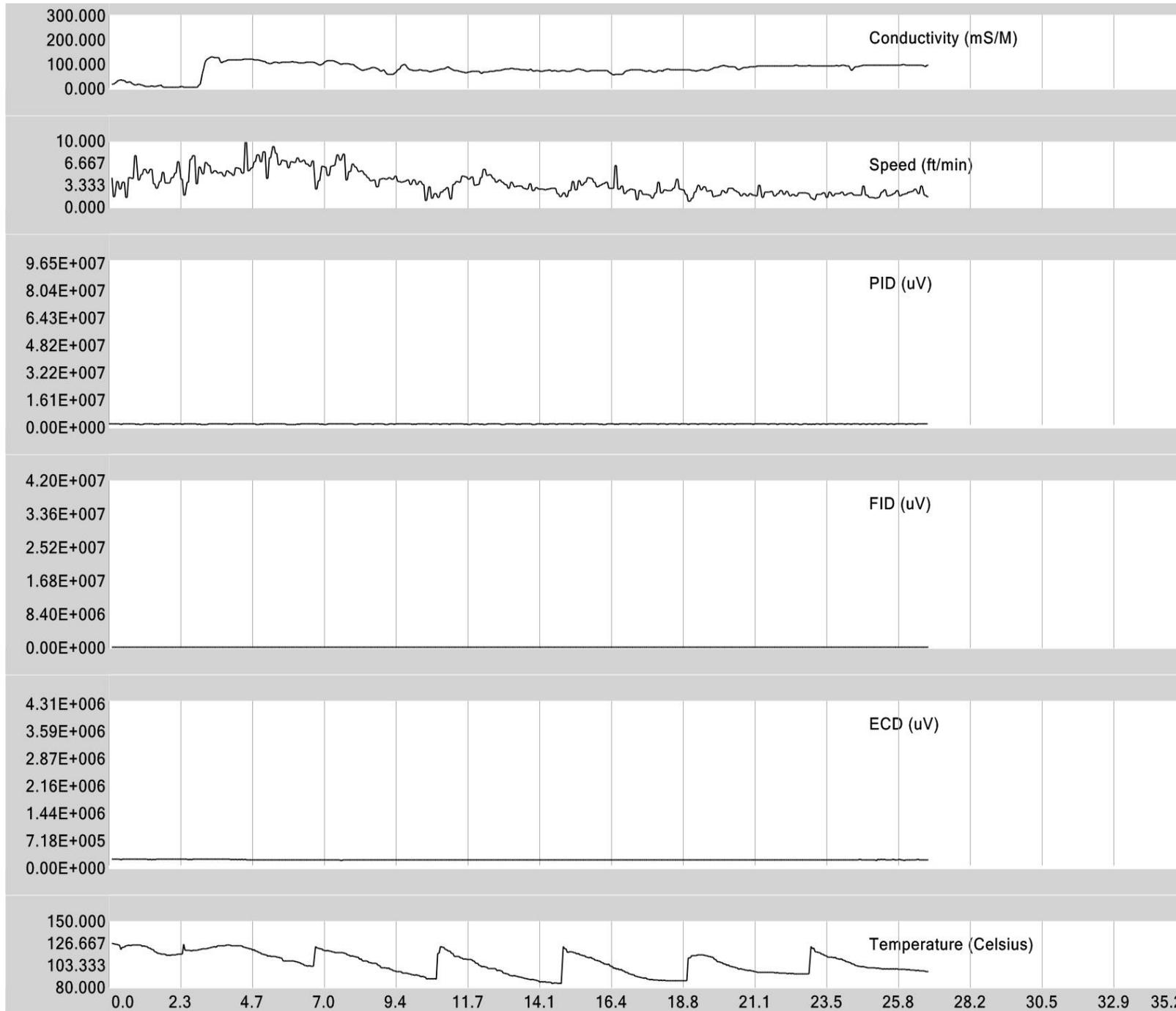
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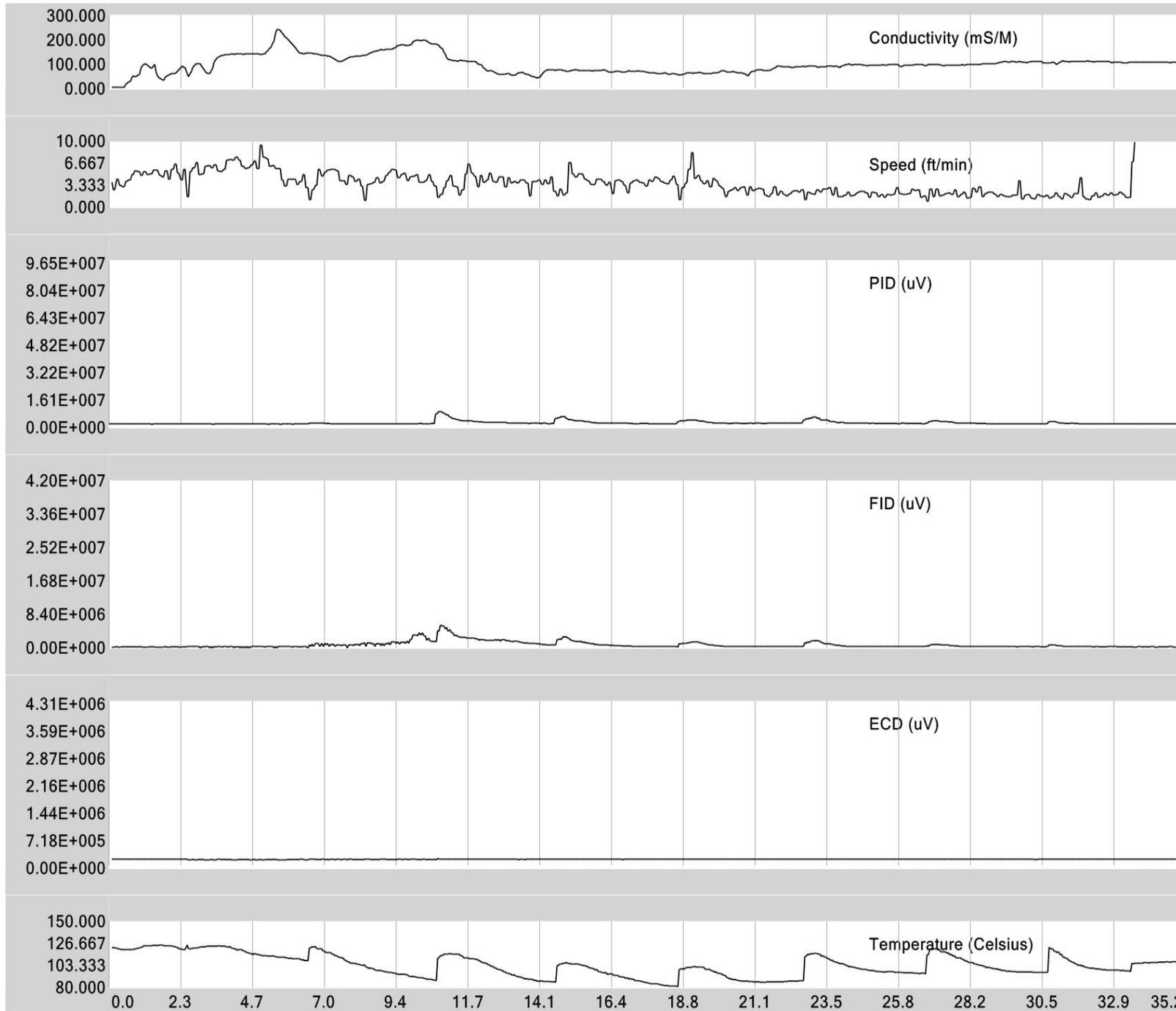
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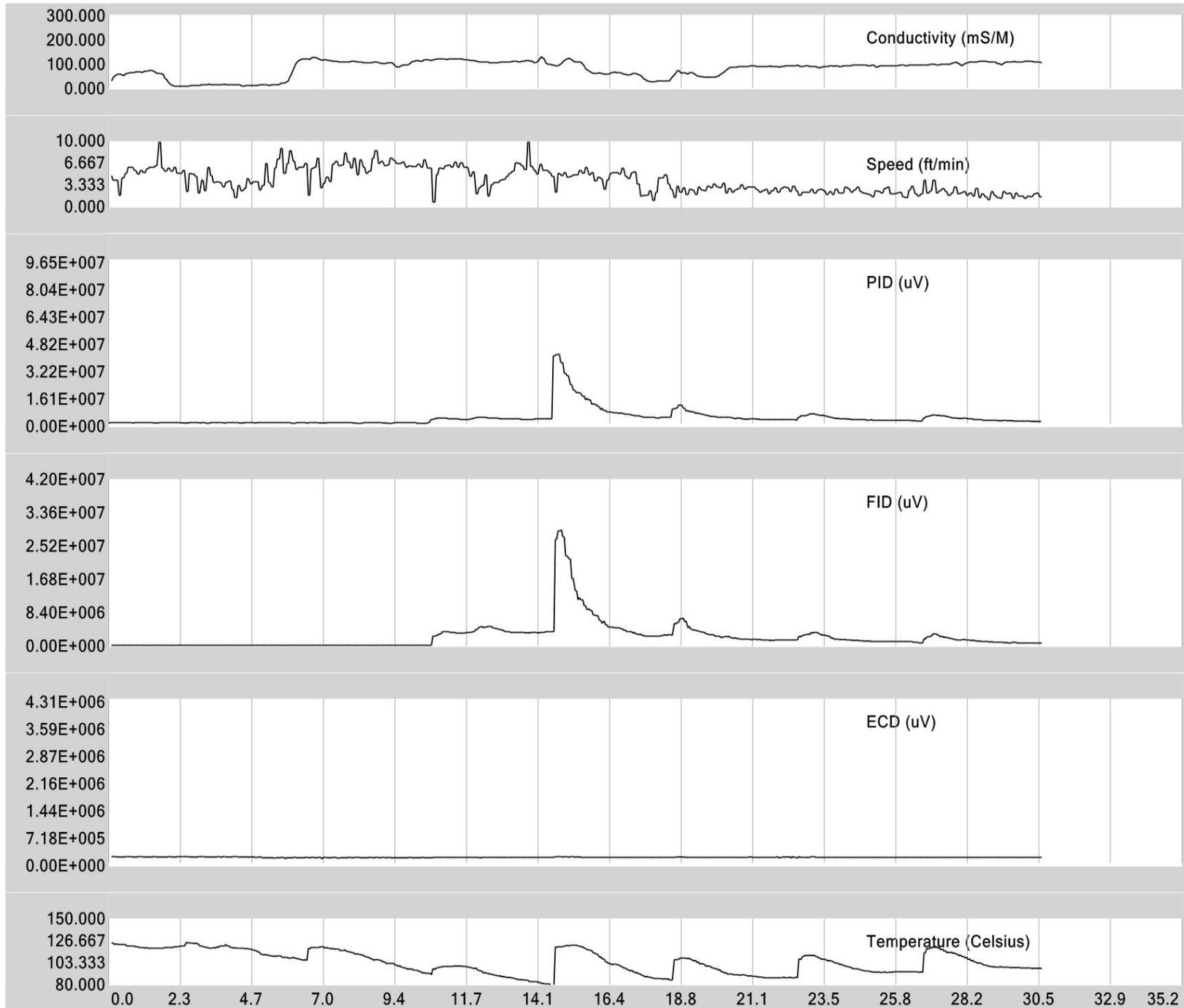
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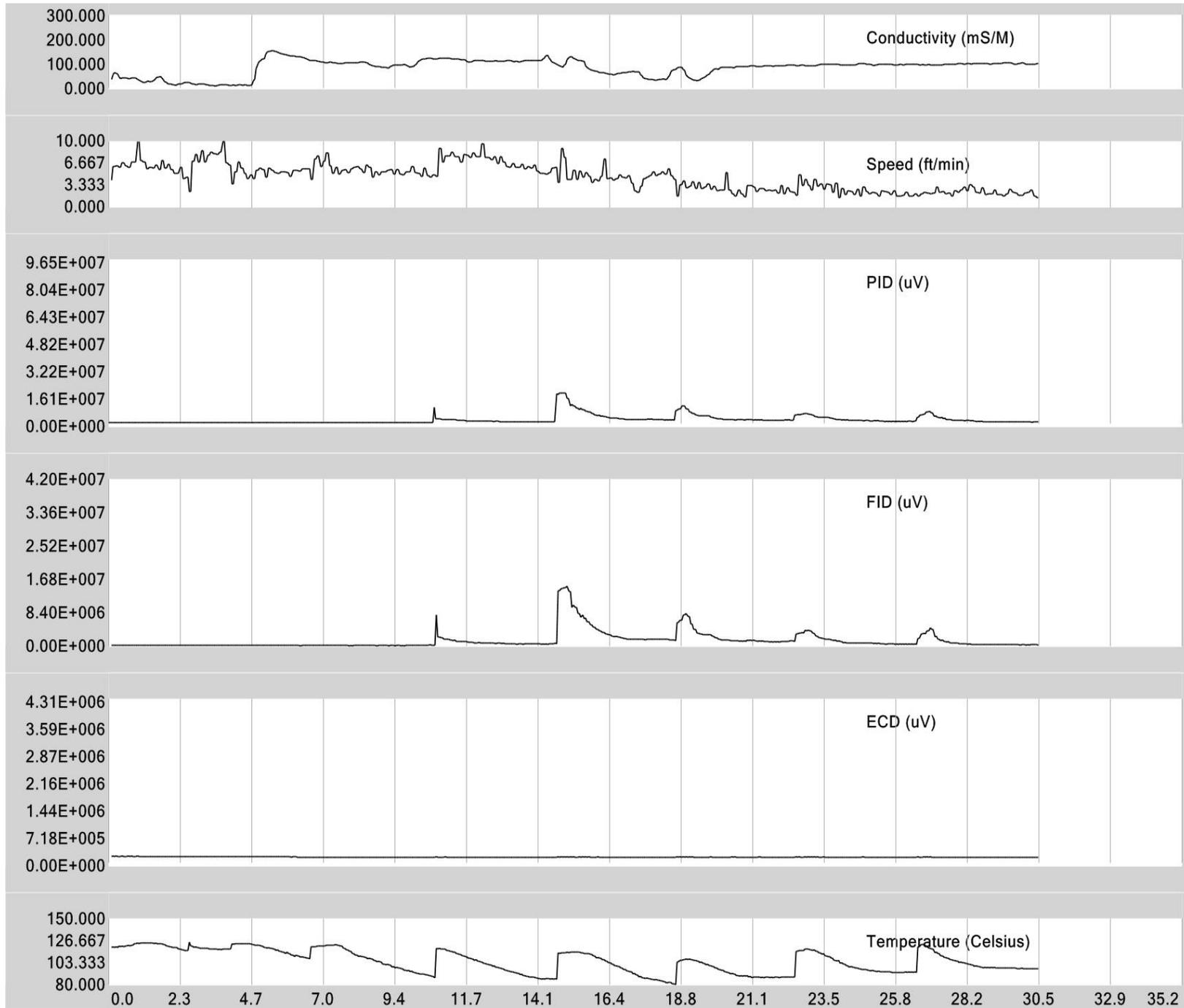
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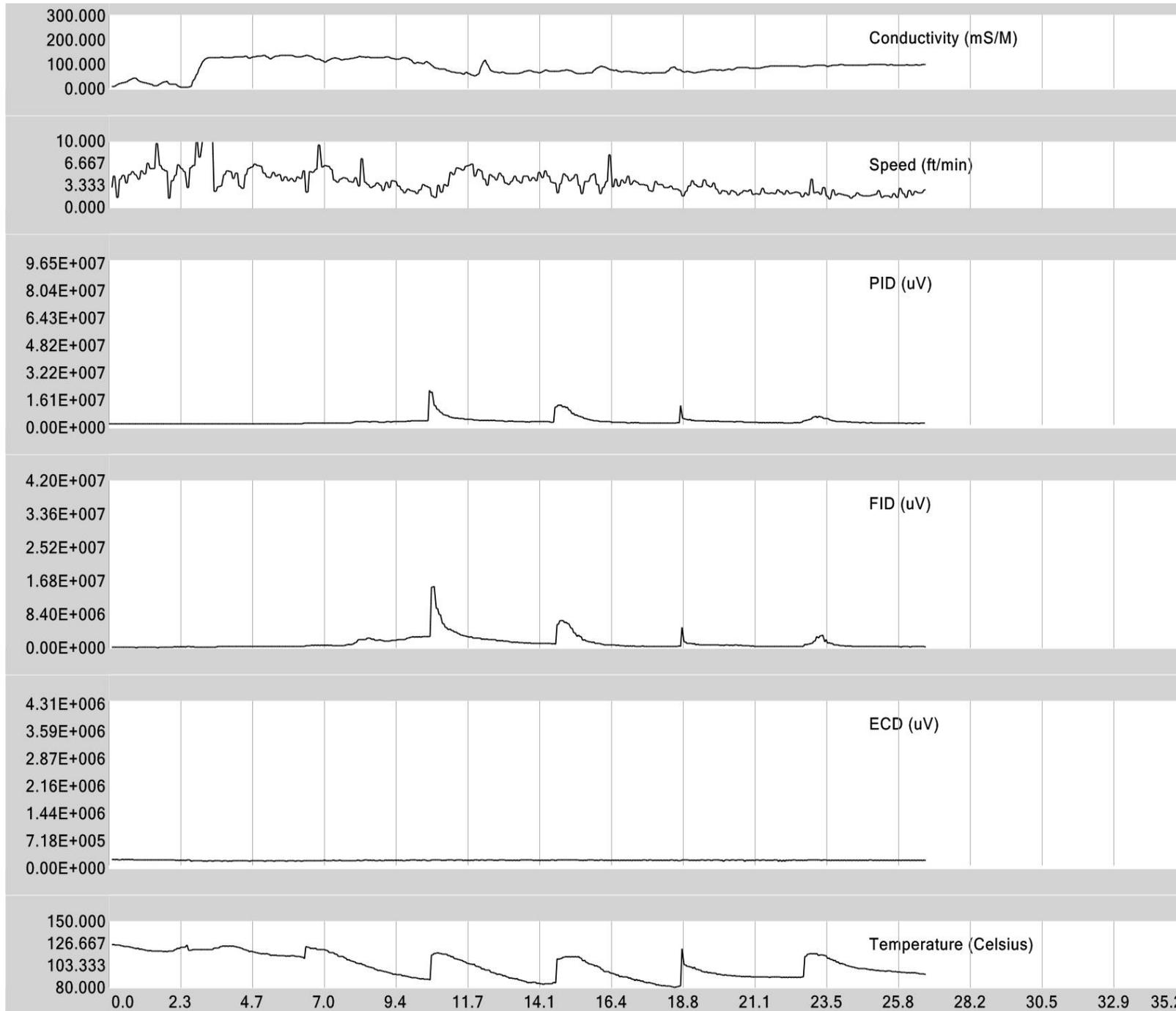
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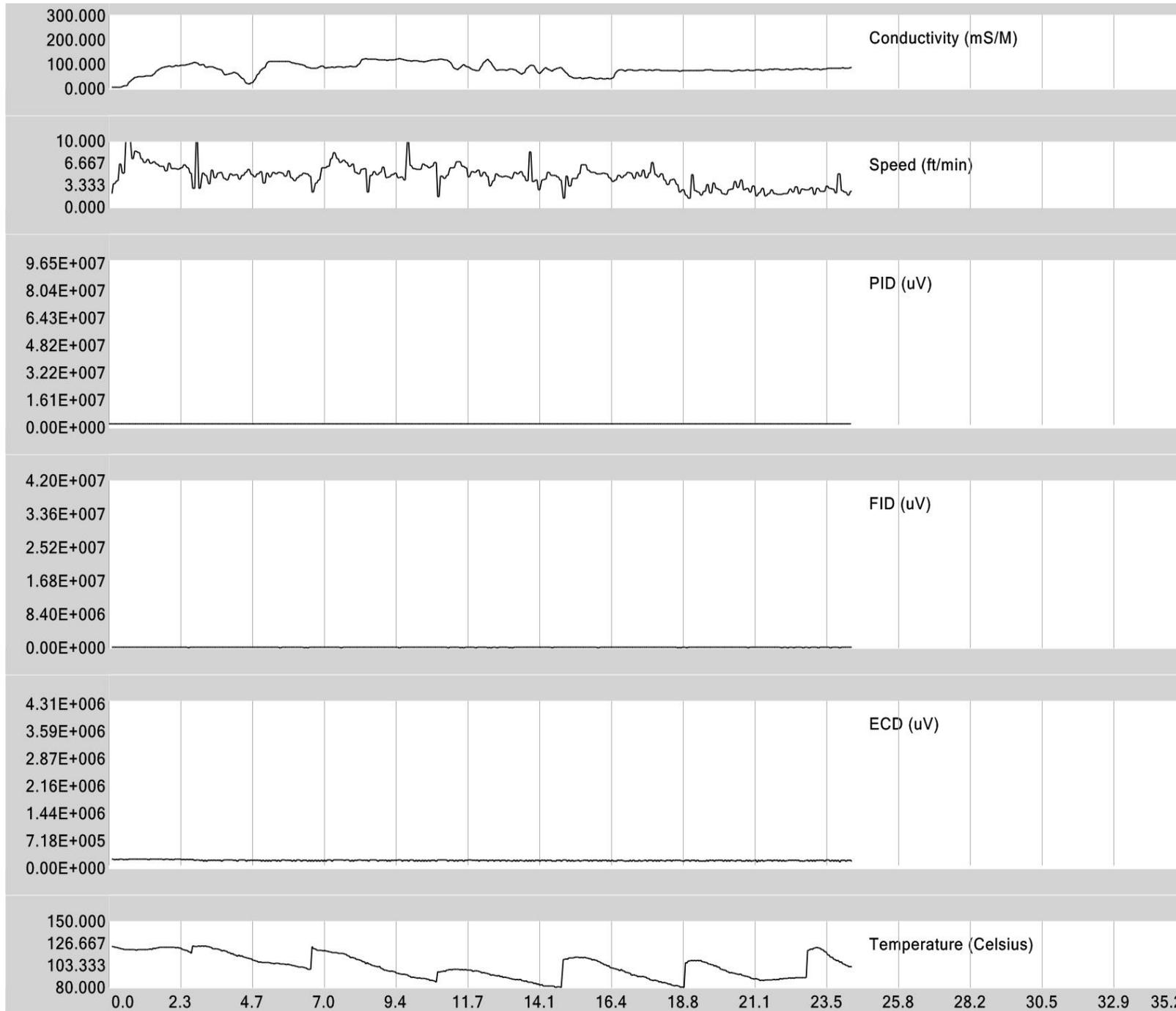
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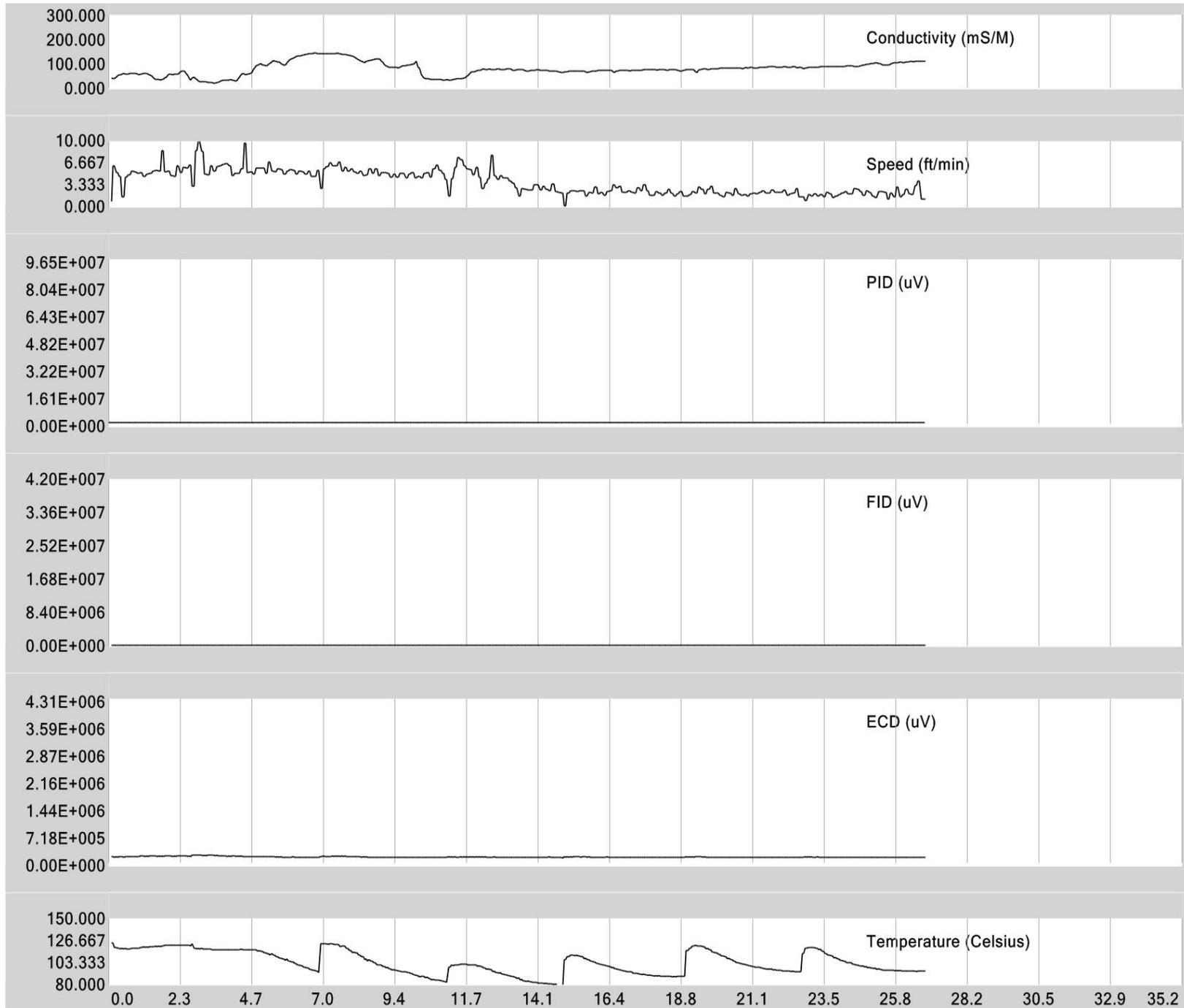
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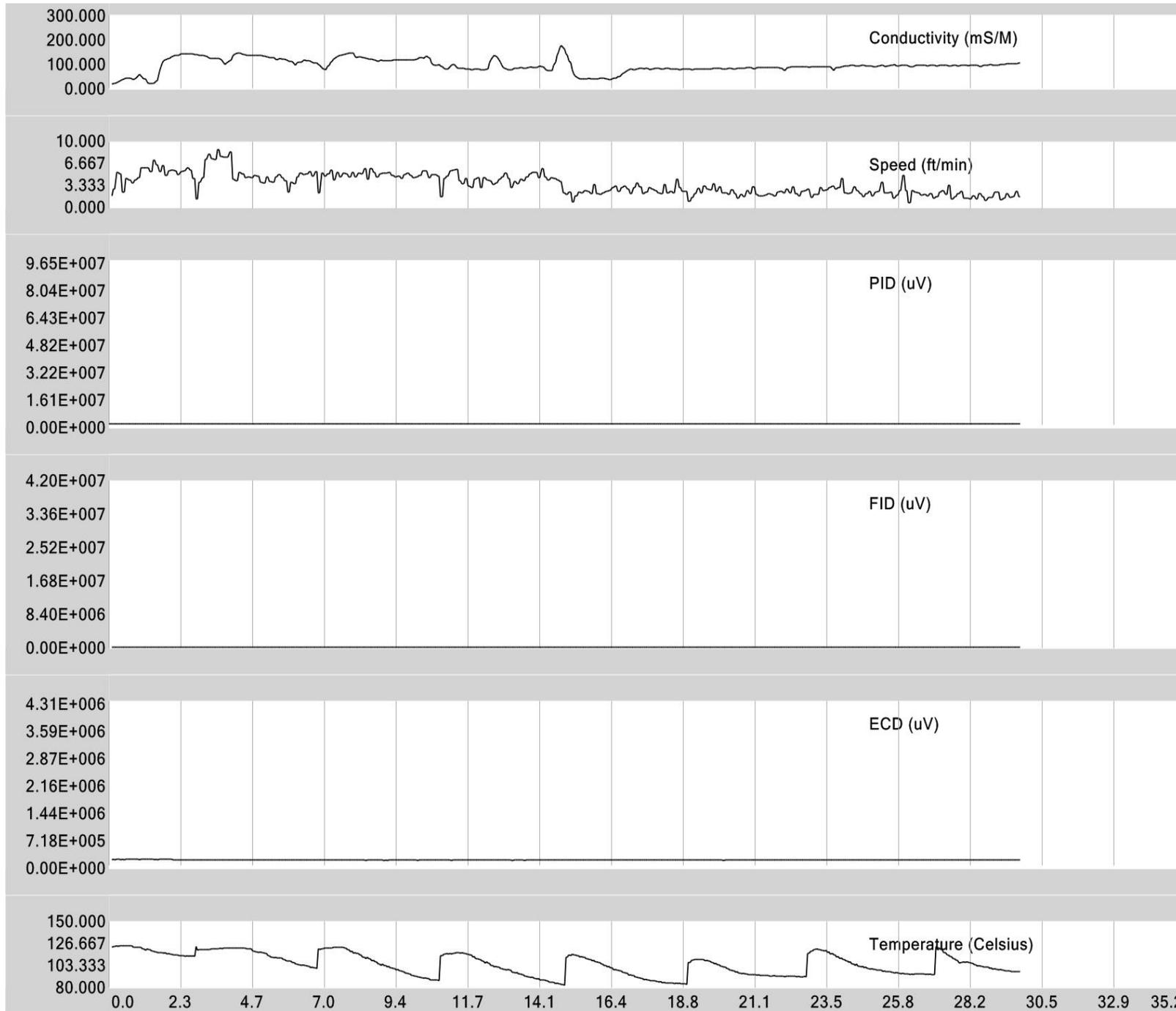
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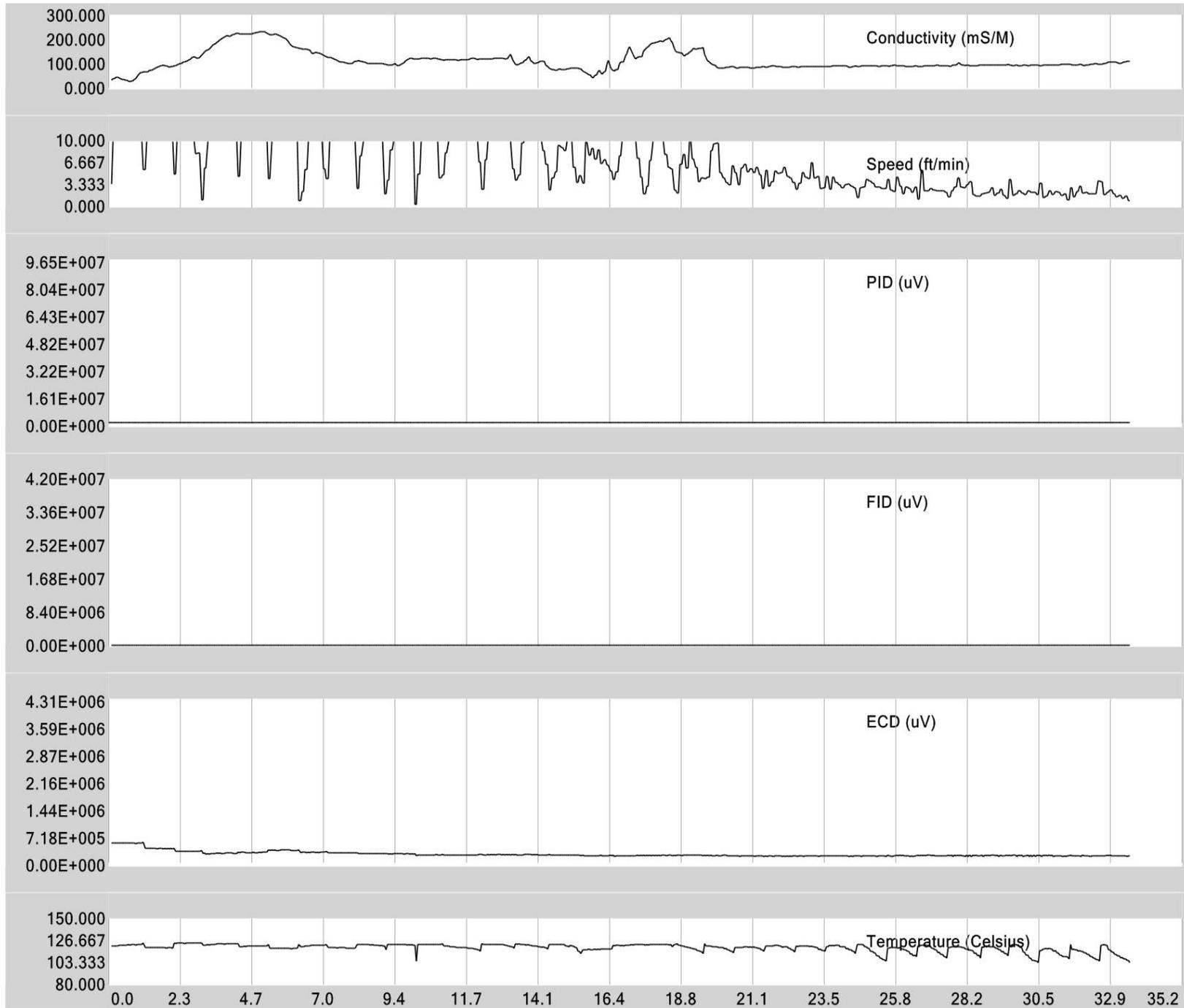
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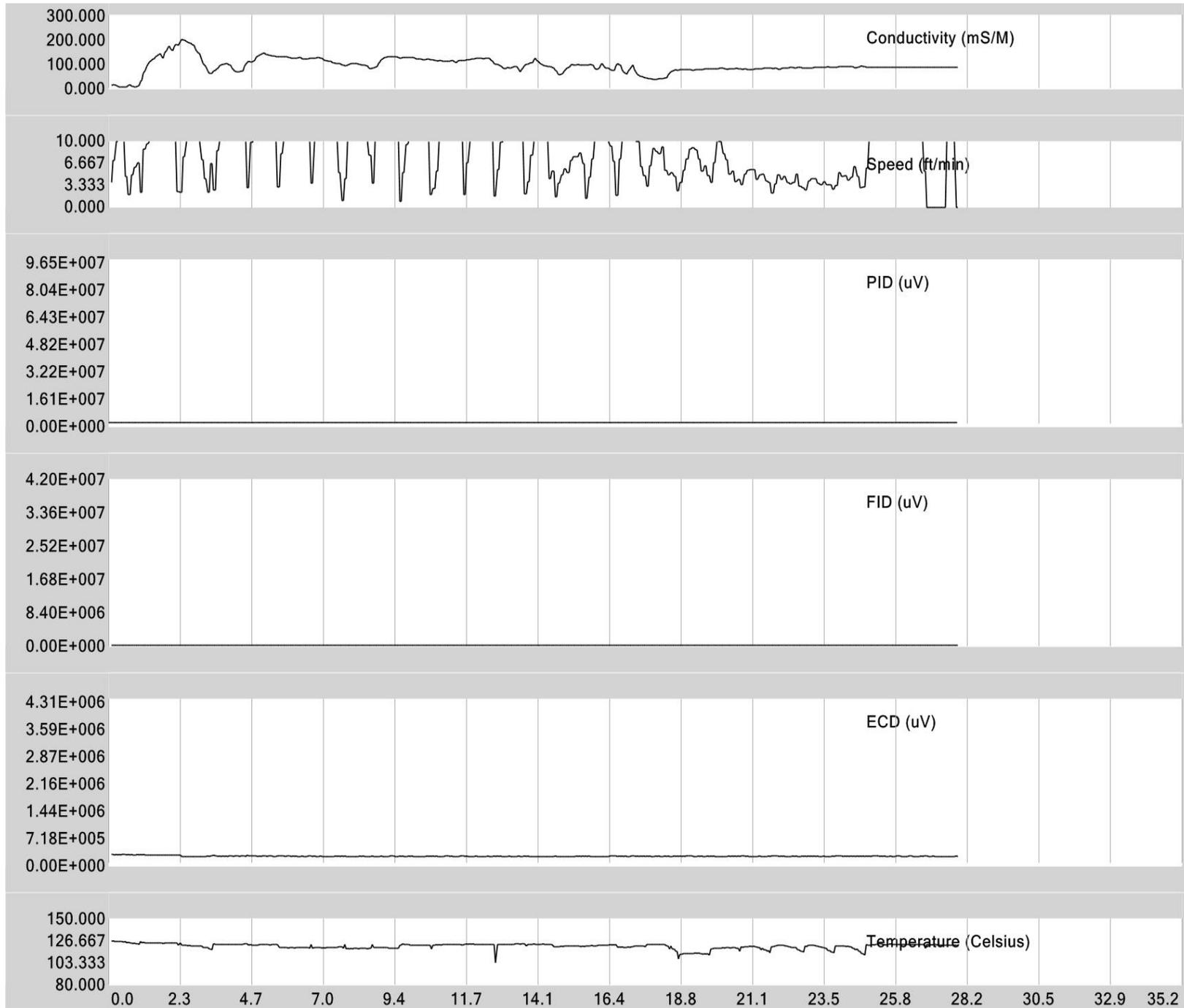
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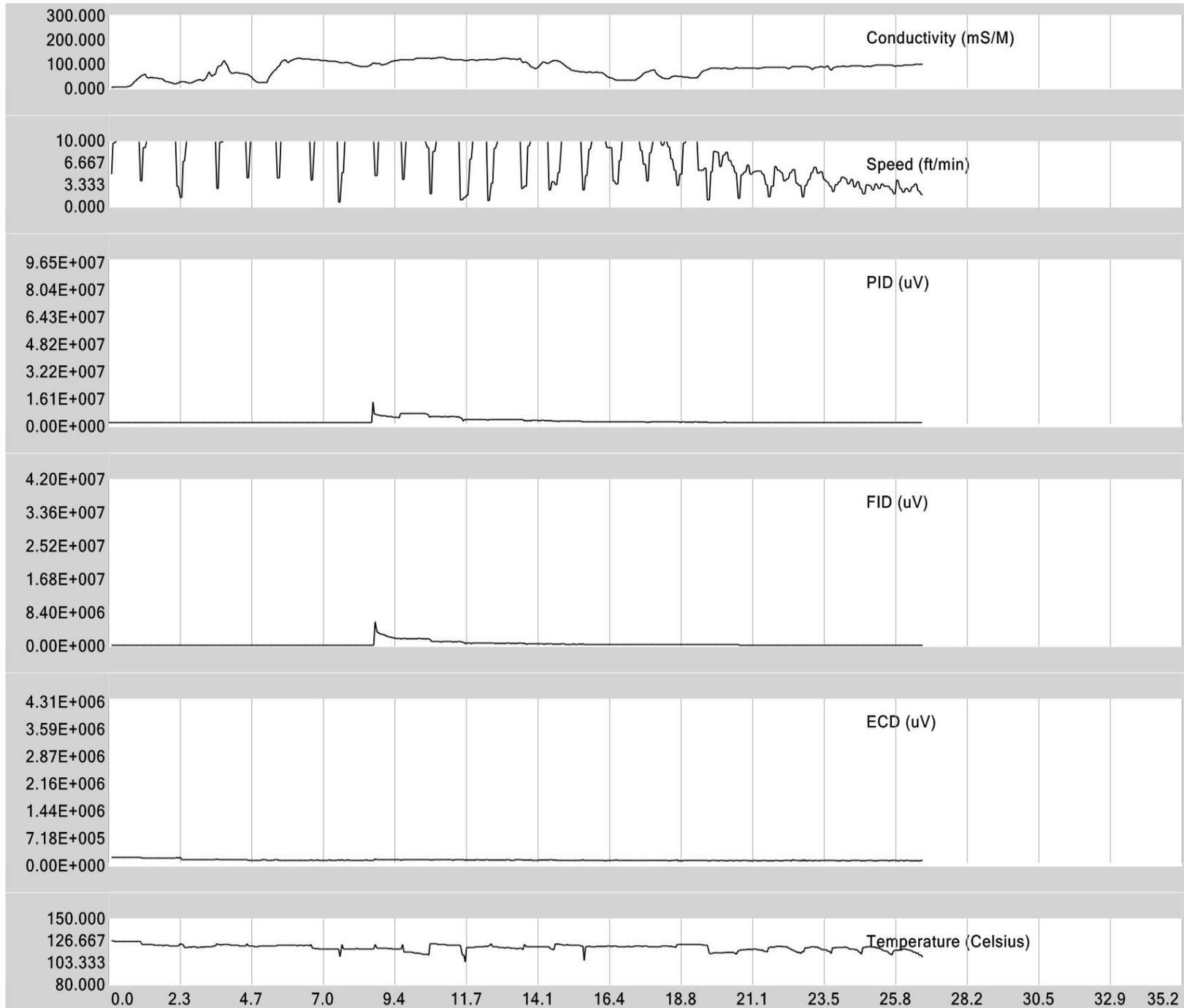
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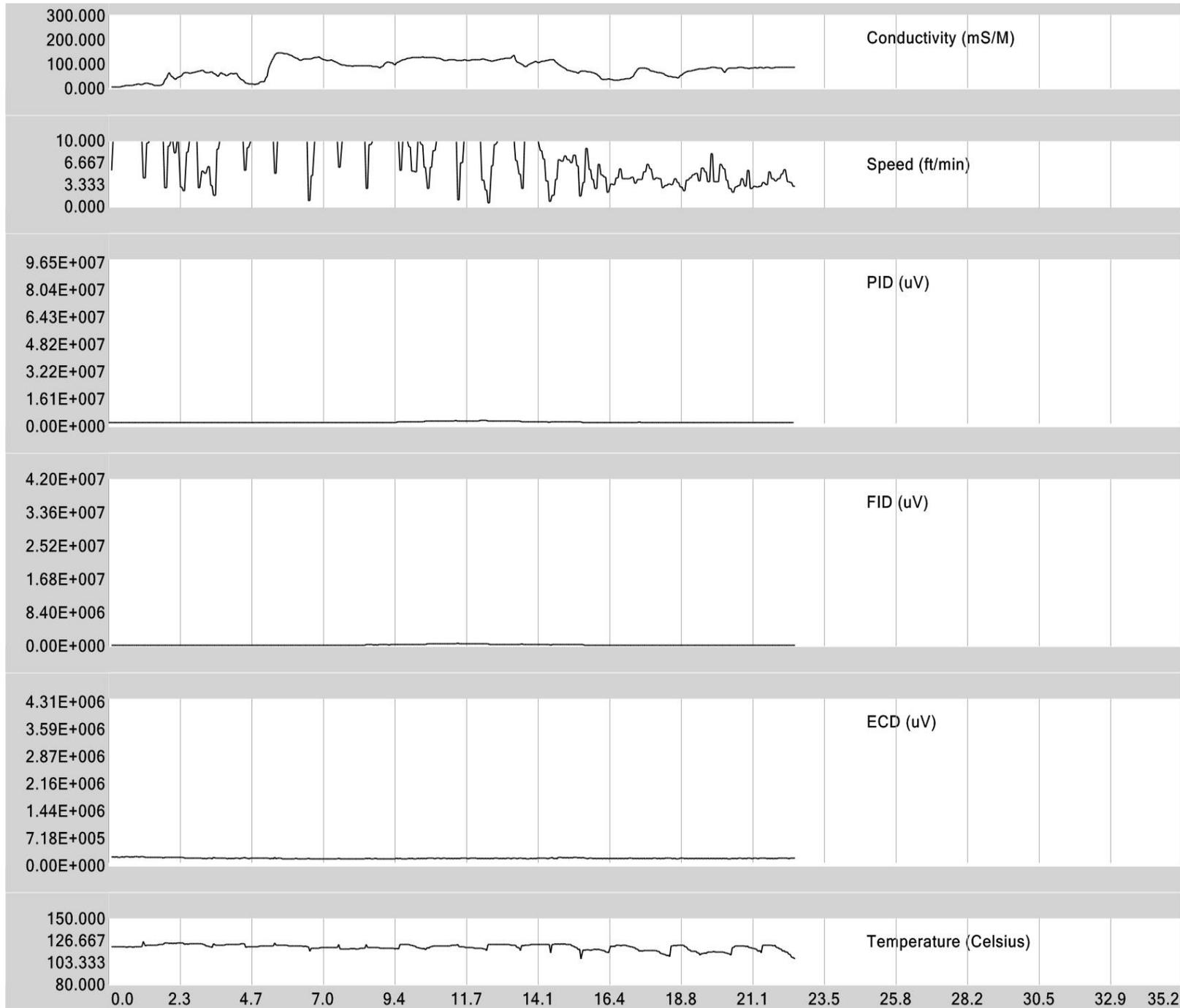
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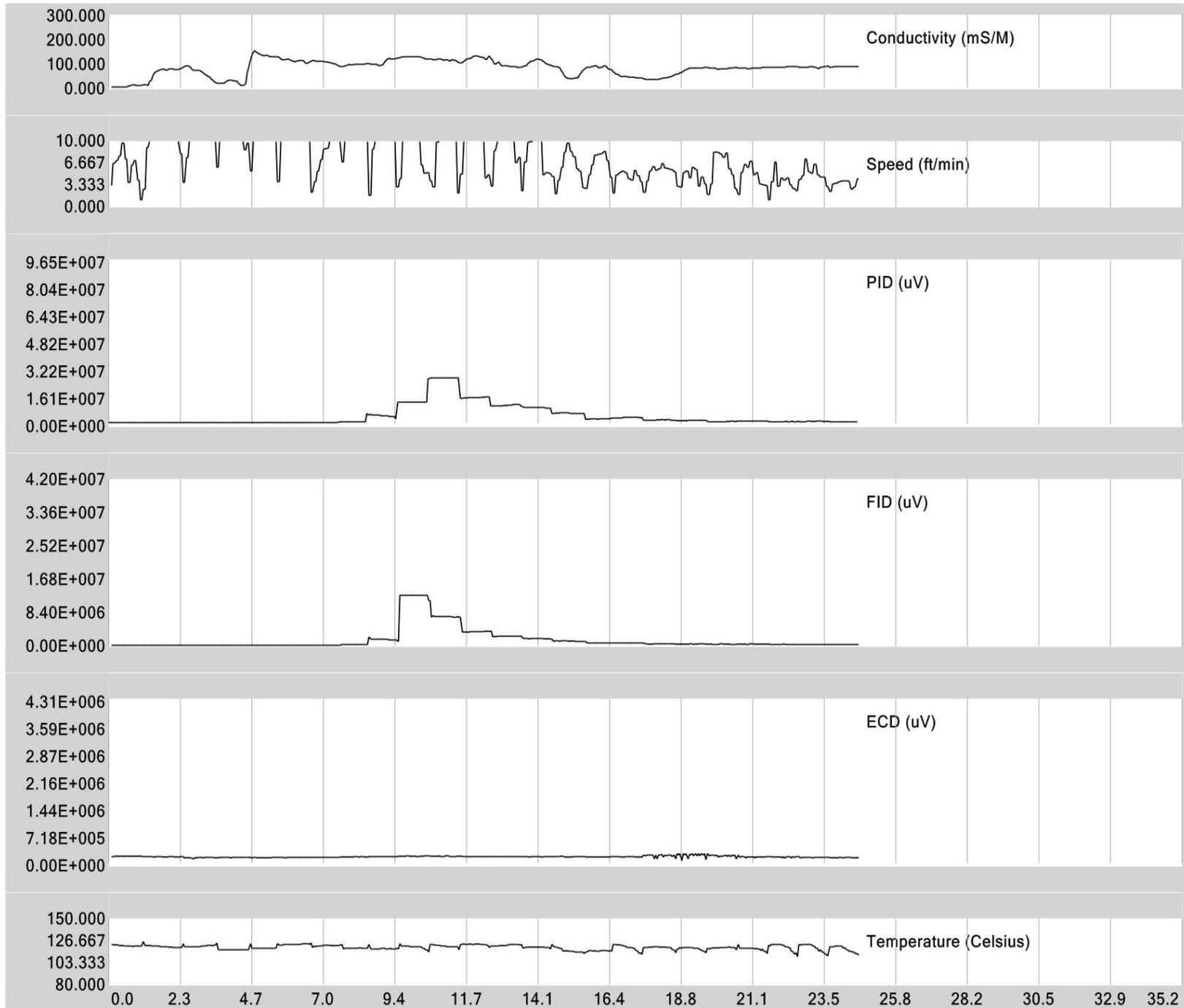
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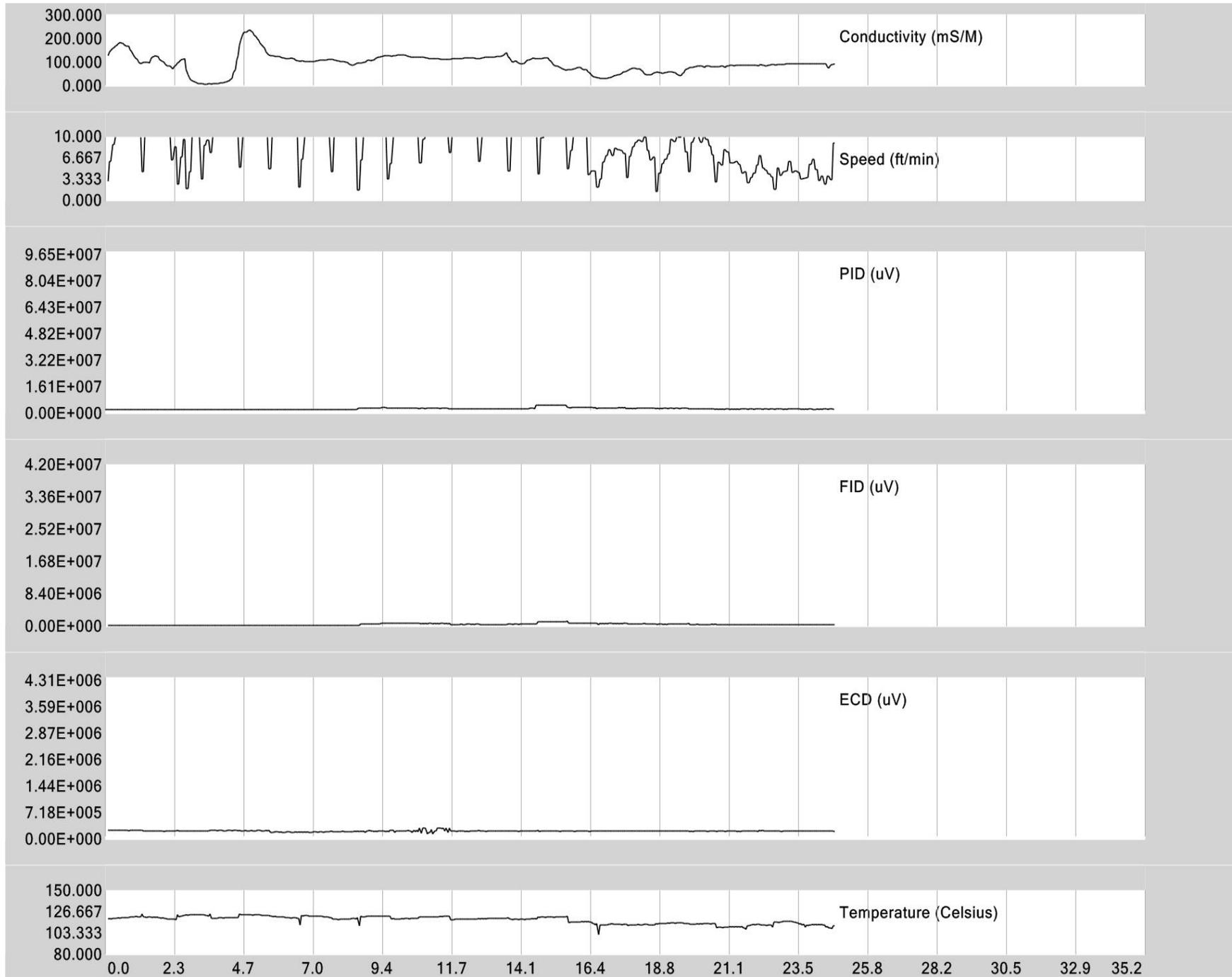
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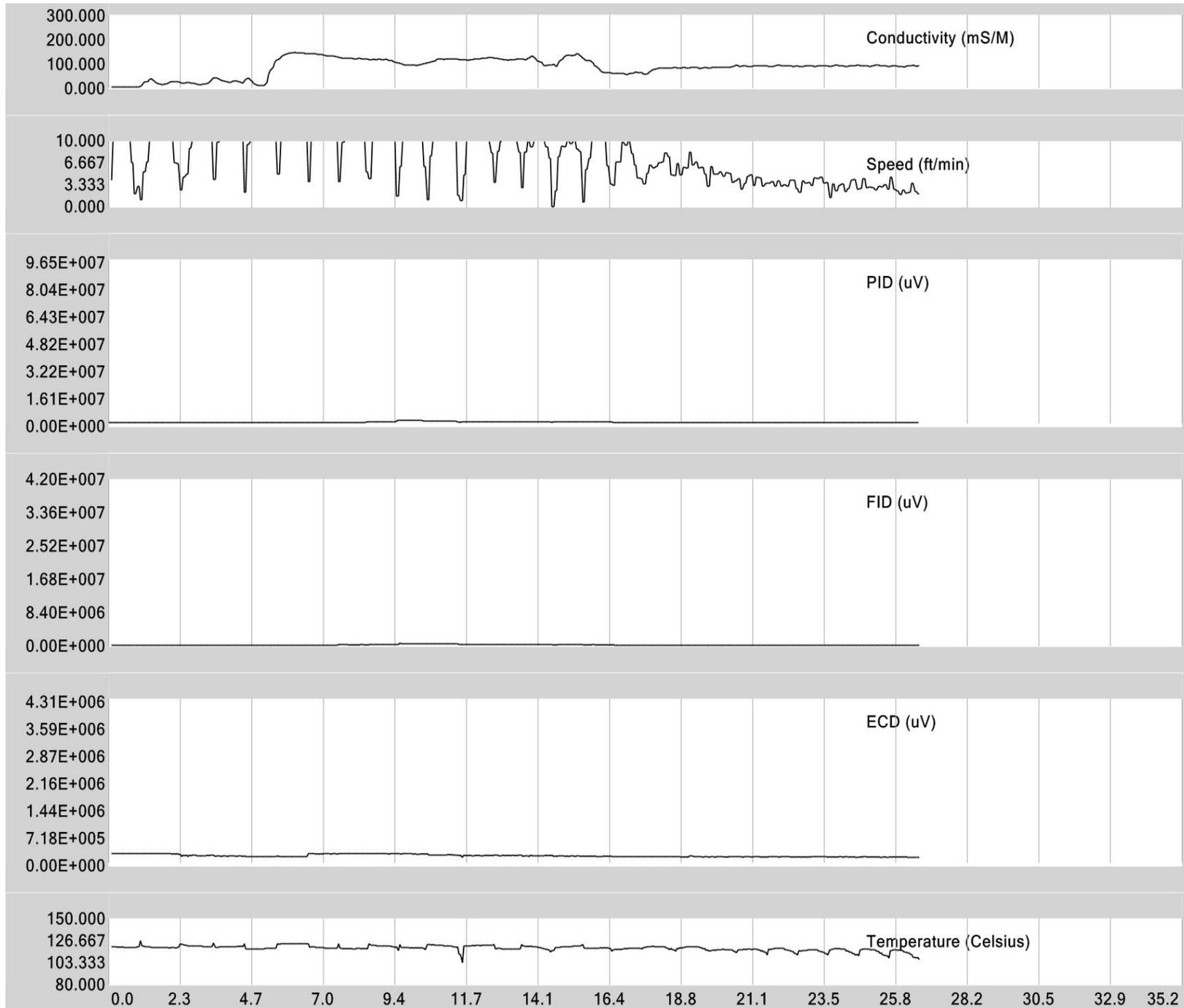
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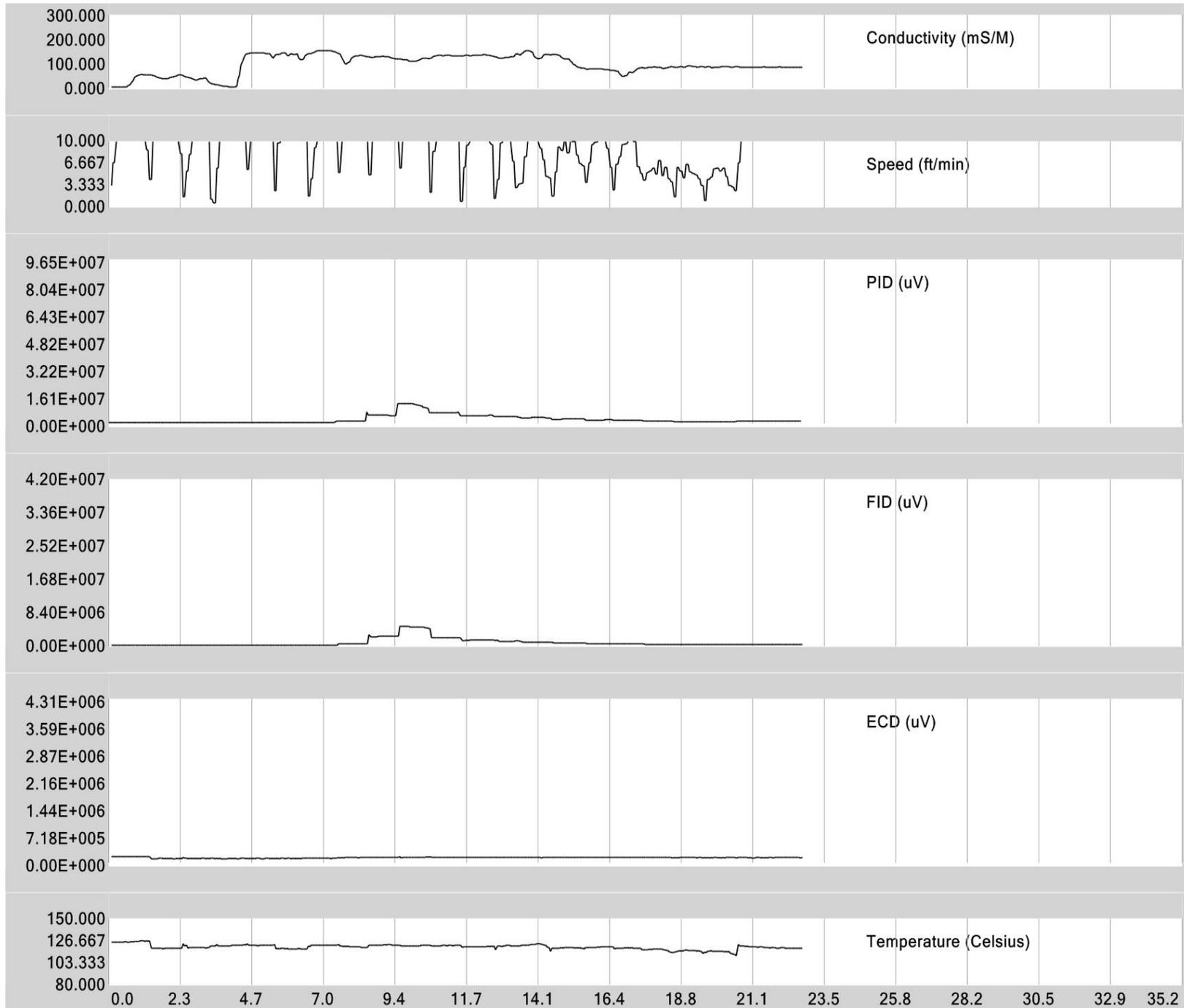
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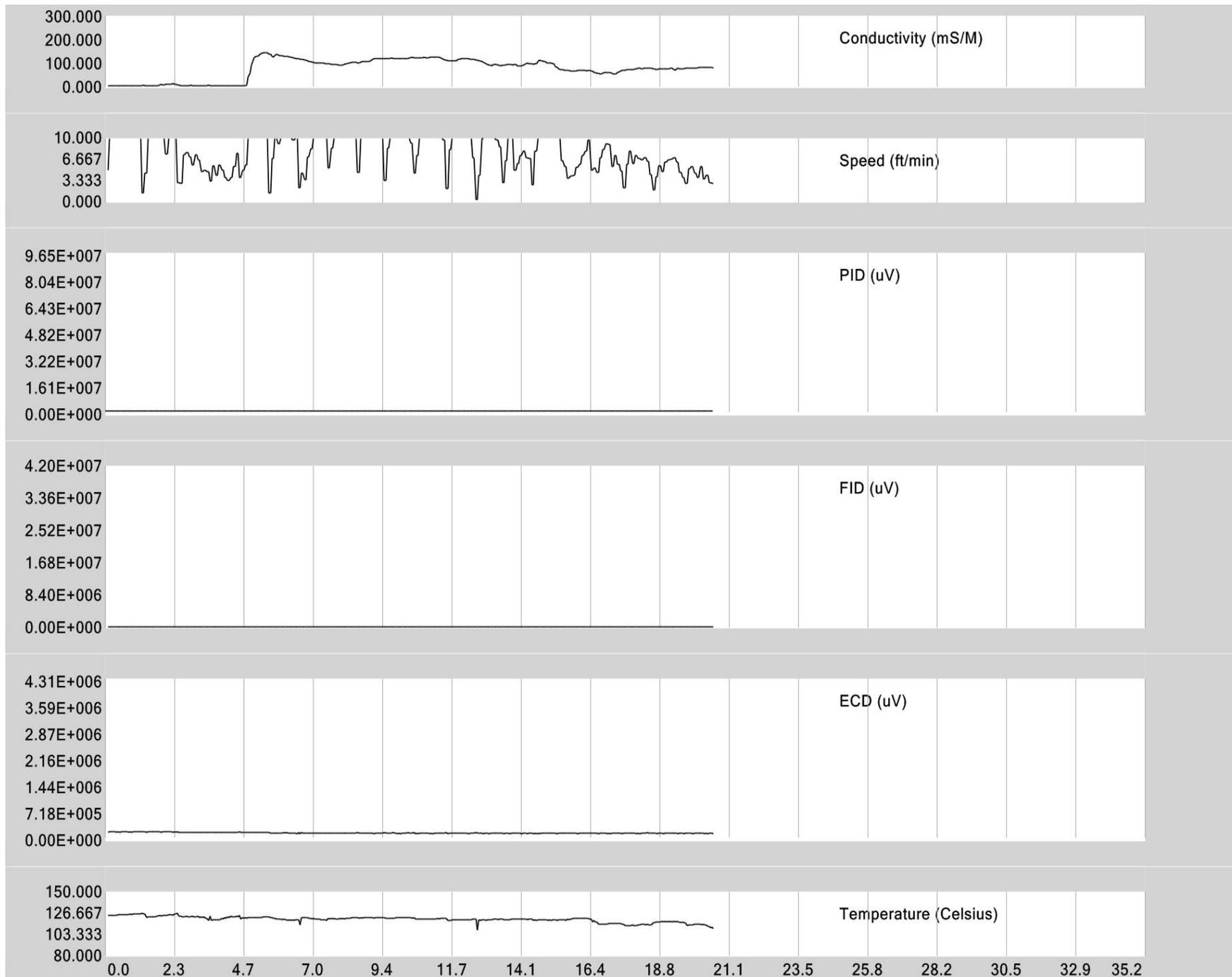
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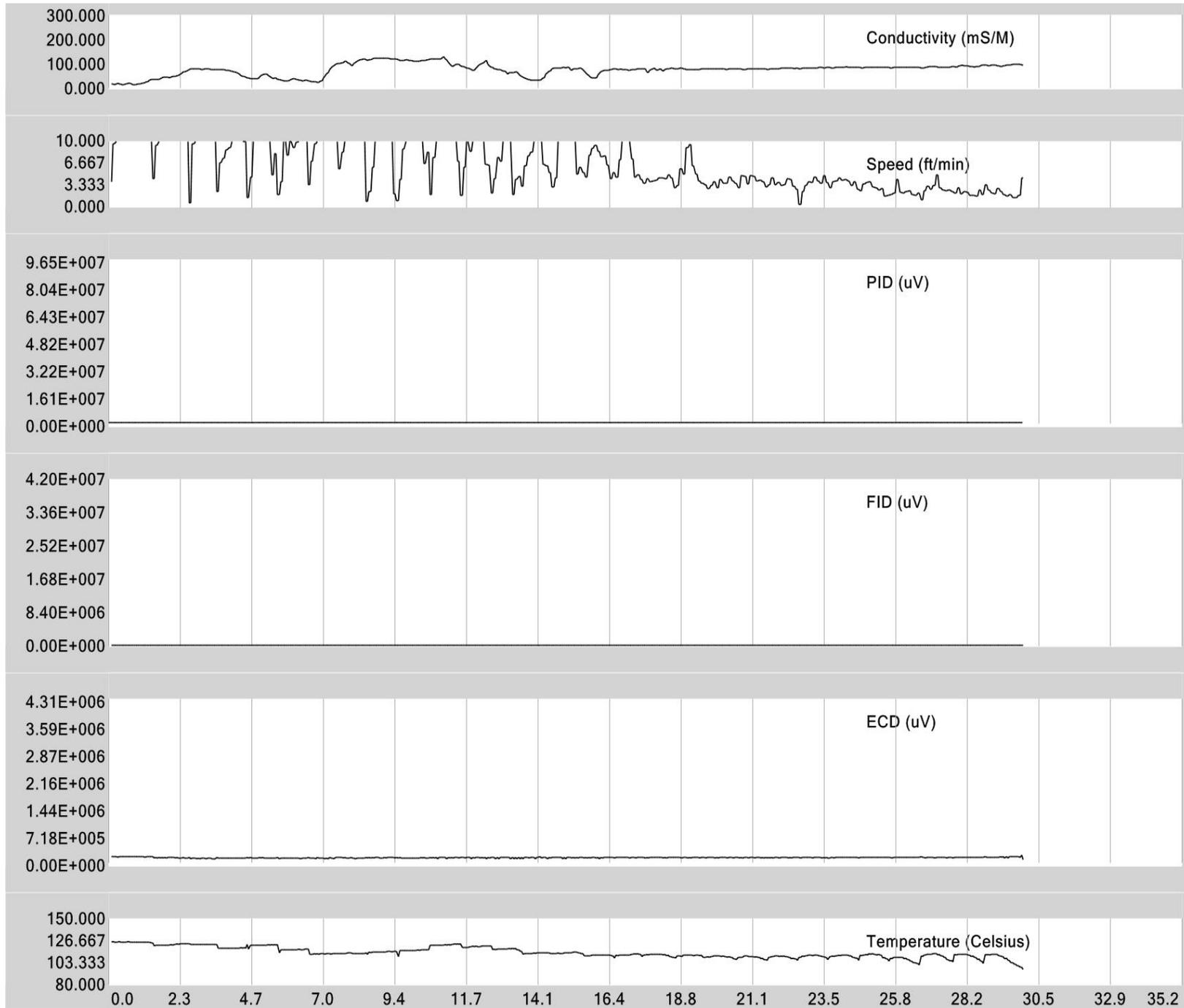
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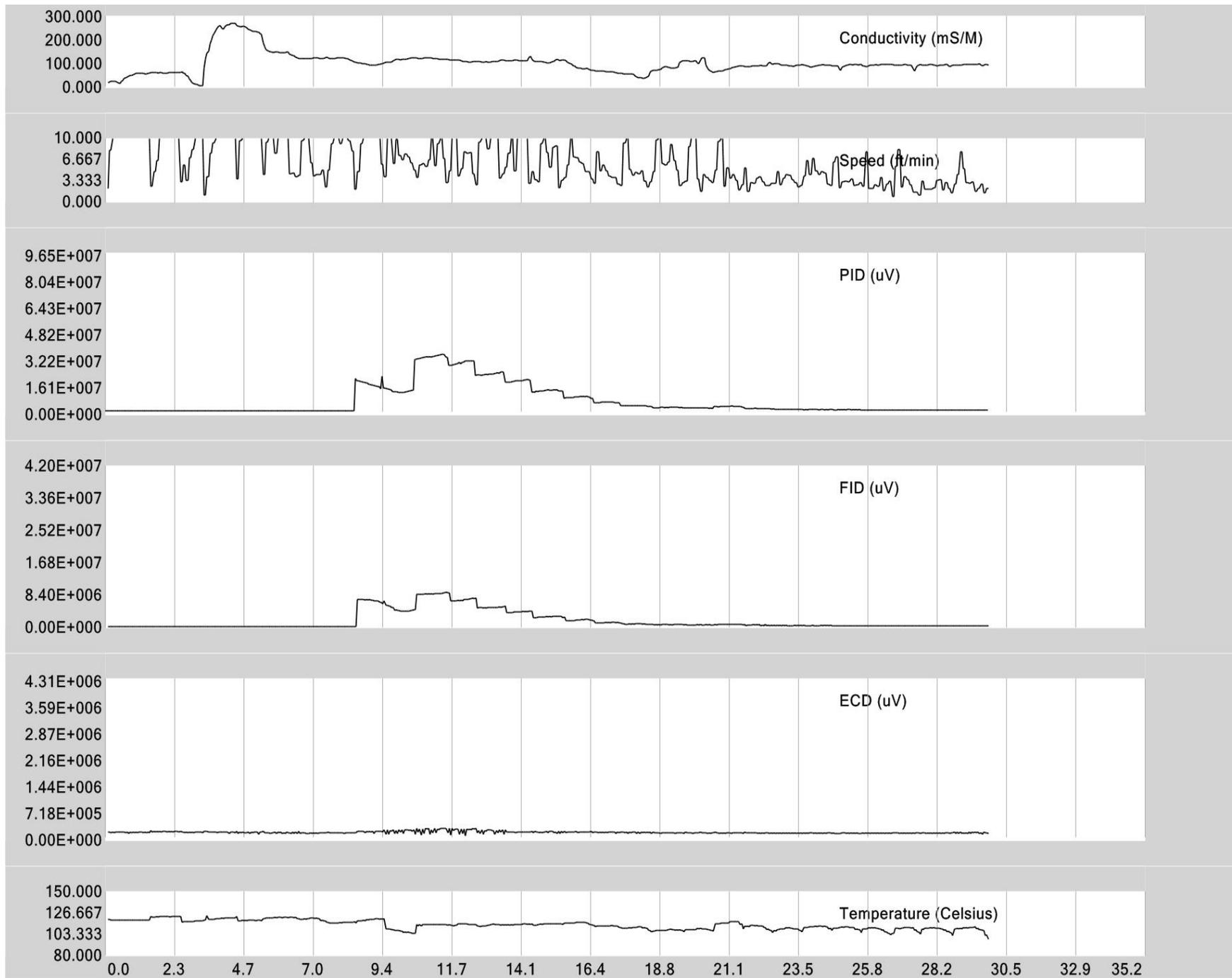
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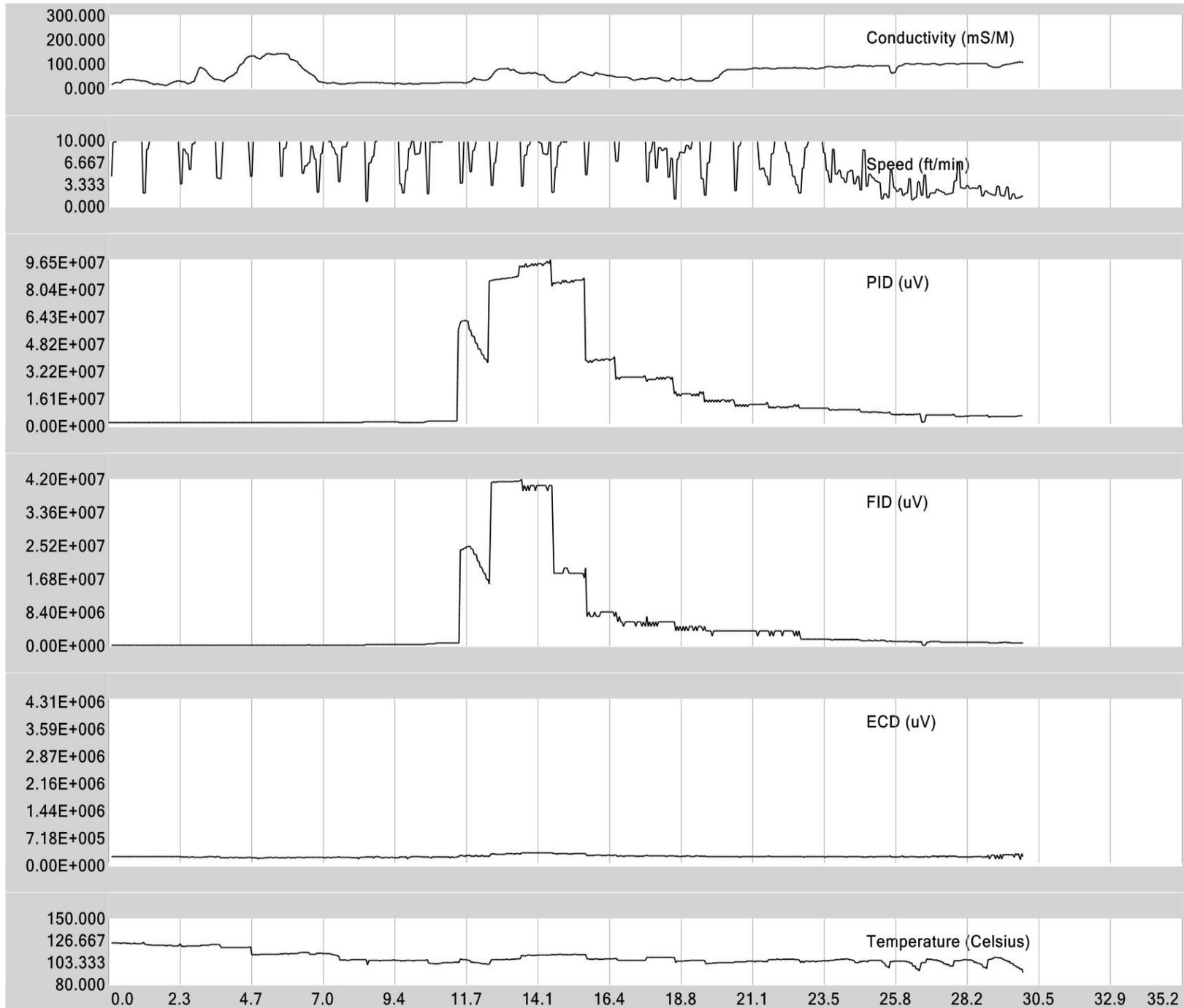
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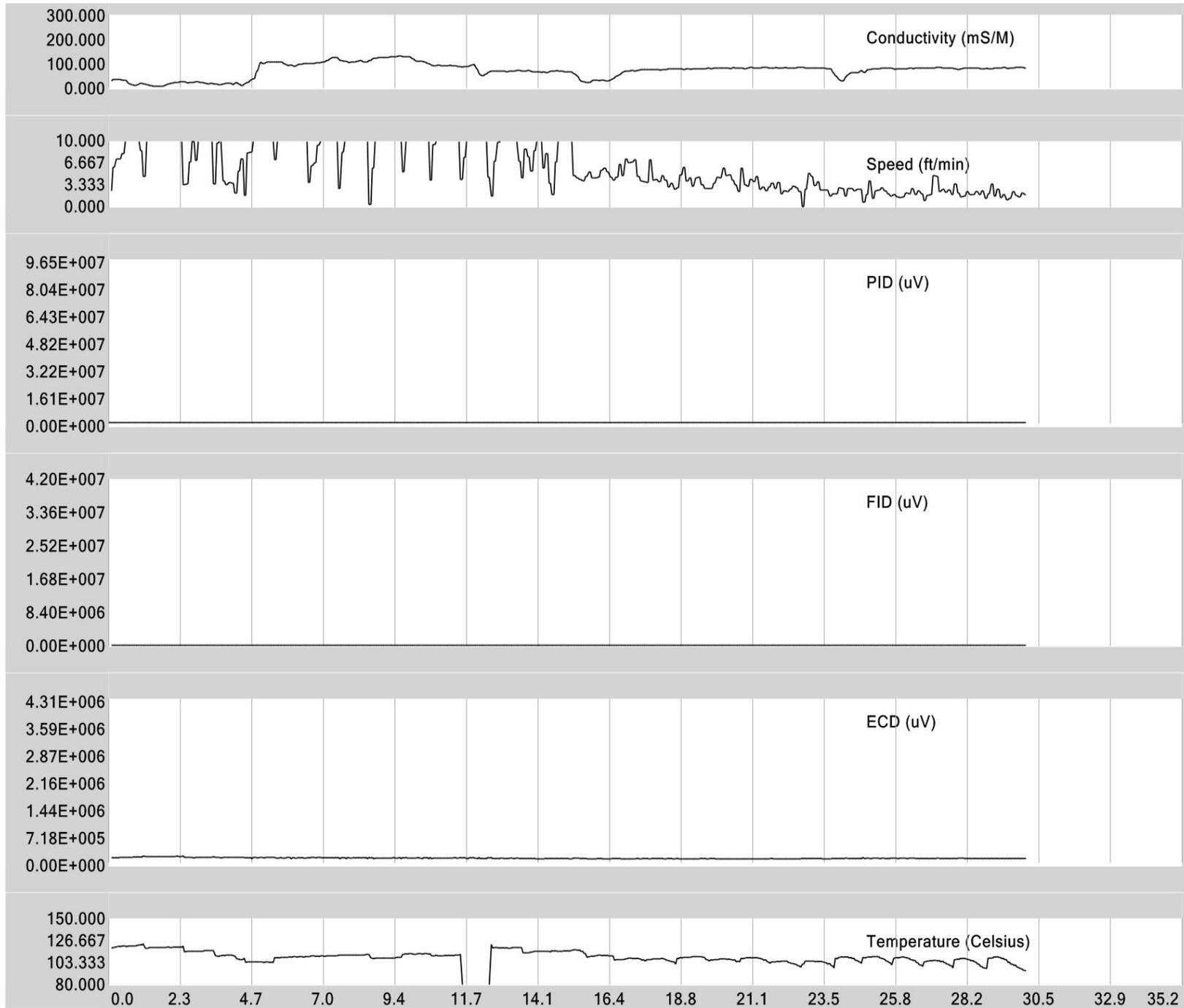
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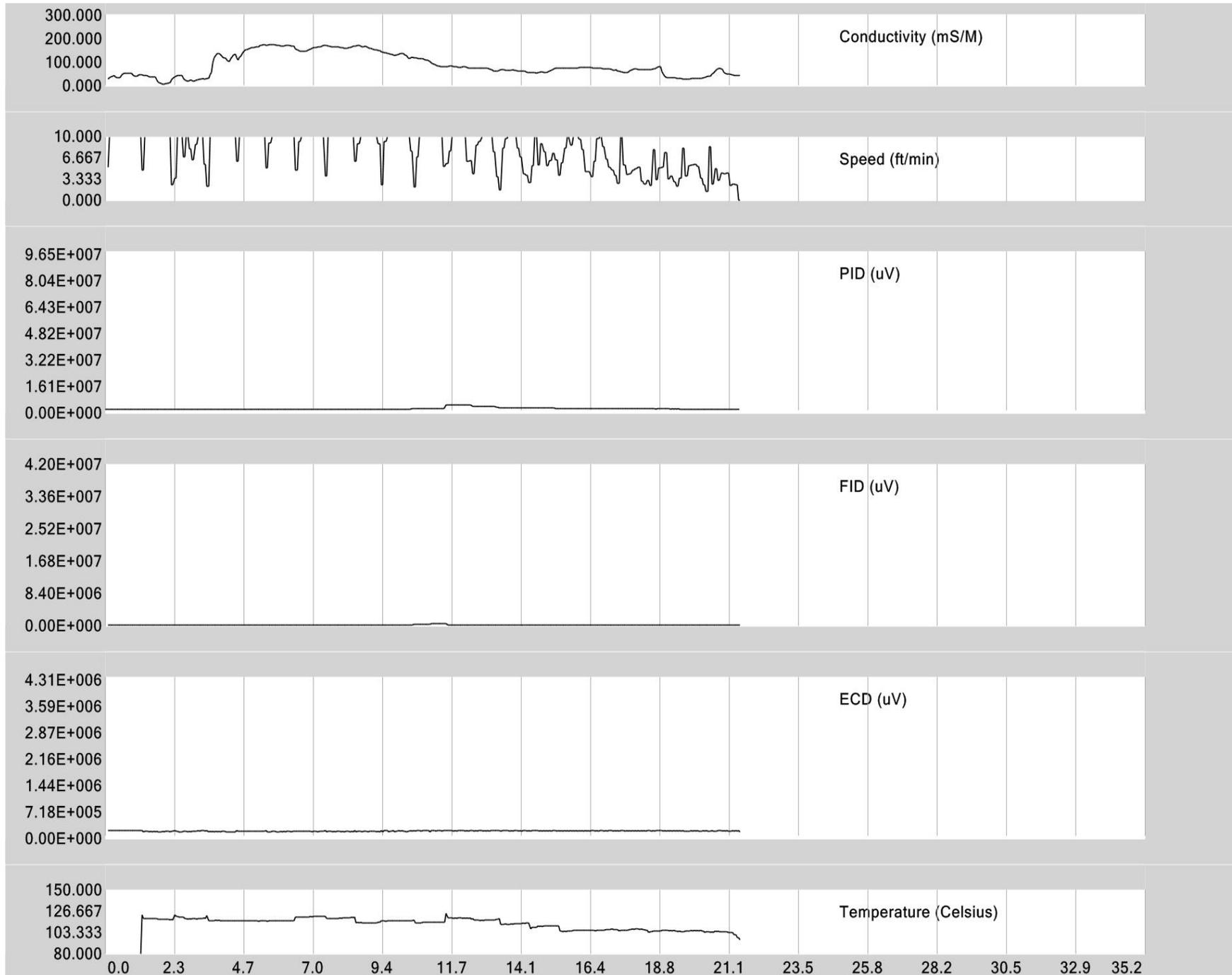
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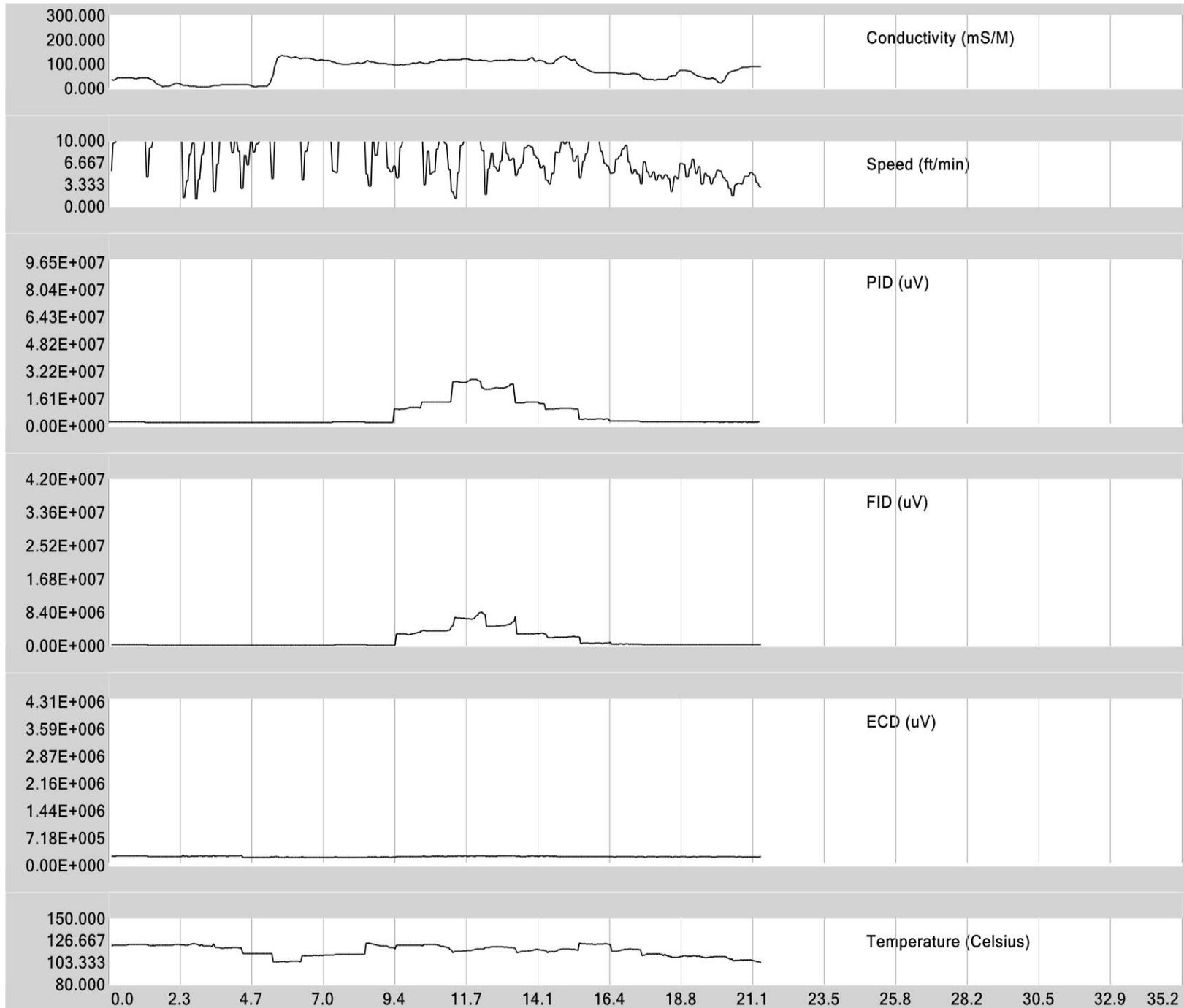
MIP-25



MIP-26



MIP-27





MIDCONTINENT
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Page 1 of 1

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(605) 348-0111 -- www.thechemistrylab.com

Sample Site: MIP-1, water
Project Name: TRIAD, Steve's Amoco
Sampled: 11/08/04 at 03:45 PM
by Troy Breitag
Sample Matrix: Water

Lab ID#: 20041118501
Received: 11/18/04 at 11:30 AM
by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
<u>Volatile</u>							
1,2-Dichloroethane	1.91	µg/L	1	0.011	0.500	SW846 8260	RAM 11/19/04
Benzene	1590	µg/L	100	1.23	50.0	SW846 8260	RAM 11/21/04
1,2-Dibromoethane	< 0.500	µg/L	1	0.015	0.500	SW846 8260	RAM 11/19/04
Ethylbenzene	368	µg/L	10	0.120	5.00	SW846 8260	RAM 11/21/04
Methyl tertiary-Butyl Ether	87.1	µg/L	10	0.100	5.00	SW846 8260	RAM 11/21/04
Naphthalene	123	µg/L	10	0.151	5.00	SW846 8260	RAM 11/21/04
Toluene	1660	µg/L	100	2.01	50.0	SW846 8260	RAM 11/21/04
Xylenes(o,m,p)	1820	µg/L	100	4.34	100	SW846 8260	RAM 11/21/04
<u>Total Volatile Hydrocarbons</u>							
TPH as Gasoline	16000	µg/L	10	40.1	1000	SW846 8015	MJM 11/21/04
<u>Surrogate Recovery-Volatile</u>							
1,2-Dichloroethane-d4	92.5	%	1			SW846 8260 QC	RAM 11/19/04
4-Bromofluorobenzene	99.7	%	1			SW846 8015 QC	MJM 11/21/04
4-Bromofluorobenzene	94.0	%	1			SW846 8260 QC	RAM 11/19/04
Dibromofluoromethane	91.7	%	1			SW846 8260 QC	RAM 11/19/04
Toluene-d8	103	%	1			SW846 8260 QC	RAM 11/19/04

Approved By: 

Approved On: 11/29/2004 04:41 PM

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PETROLEUM RELEASE FUND



2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
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Sample Site: MIP-15, water
Project Name: TRIAD, Steve's Amoco
Sampled: 11/09/04 at 04:15 PM
by Troy Breitag
Sample Matrix: Water

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Lab ID#: 20041118502
Received: 11/18/04 at 11:30 AM
by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	< 1000	µg/L	2000	21.8	1000	SW846 8260	RAM 11/19/04
Benzene	21000	µg/L	2000	24.6	1000	SW846 8260	RAM 11/19/04
1,2-Dibromoethane	< 1000	µg/L	2000	30.6	1000	SW846 8260	RAM 11/19/04
Ethylbenzene	25100	µg/L	2000	24.0	1000	SW846 8260	RAM 11/19/04
Methyl tertiary-Butyl Ether	< 1000	µg/L	2000	20.0	1000	SW846 8260	RAM 11/19/04
Naphthalene	8650	µg/L	2000	30.2	1000	SW846 8260	RAM 11/19/04
Toluene	79300	µg/L	2000	40.2	1000	SW846 8260	RAM 11/19/04
Xylenes(o,m,p)	121000	µg/L	2000	86.8	2000	SW846 8260	RAM 11/19/04
Total Volatile Hydrocarbons							
TPH as Gasoline	1780000	µg/L	500	2010	50000	SW846 8015	MJM 11/20/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	92.0	%	1			SW846 8260 QC	RAM 11/19/04
4-Bromofluorobenzene	118	%	1			SW846 8015 QC	MJM 11/20/04
4-Bromofluorobenzene	100	%	1			SW846 8260 QC	RAM 11/19/04
Dibromofluoromethane	90.8	%	1			SW846 8260 QC	RAM 11/19/04
Toluene-d8	103	%	1			SW846 8260 QC	RAM 11/19/04

Notes:
Product phase observed.

Approved By: 

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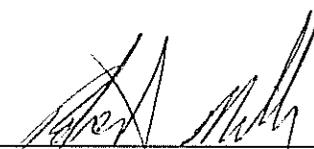
Sample Site: MW-1 DTW-4.52'
Project Name: TRIAD, Steve's Amoco
Sampled: 11/12/04 at 03:30 PM
by Troy Breitag
Sample Matrix: Water

Lab ID#: 20041118503
Received: 11/18/04 at 11:30 AM
by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	< 250	µg/L	500	5.45	250	SW846 8260	RAM 11/21/04
Benzene	7000	µg/L	500	6.15	250	SW846 8260	RAM 11/21/04
1,2-Dibromoethane	< 250	µg/L	1	0.015	0.500	SW846 8260	RAM 11/21/04
Ethylbenzene	1380	µg/L	500	6.00	250	SW846 8260	RAM 11/21/04
Methyl tertiary-Butyl Ether	279	µg/L	500	5.00	250	SW846 8260	RAM 11/21/04
Naphthalene	483	µg/L	500	7.55	250	SW846 8260	RAM 11/21/04
Toluene	6700	µg/L	500	10.1	250	SW846 8260	RAM 11/21/04
Xylenes(o,m,p)	6760	µg/L	500	21.7	500	SW846 8260	RAM 11/21/04
Total Volatile Hydrocarbons							
TPH as Gasoline	88000	µg/L	100	401	10000	SW846 8015	MJM 11/20/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	94.1	%	1			SW846 8260 QC	RAM 11/21/04
4-Bromofluorobenzene	104	%	1			SW846 8015 QC	MJM 11/20/04
4-Bromofluorobenzene	100	%	1			SW846 8260 QC	RAM 11/21/04
Dibromofluoromethane	94.1	%	1			SW846 8260 QC	RAM 11/21/04
Toluene-d8	97.8	%	1			SW846 8260 QC	RAM 11/21/04

Notes:
Product sheen observed.

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Approved On: 11/29/2004 04:41 PM



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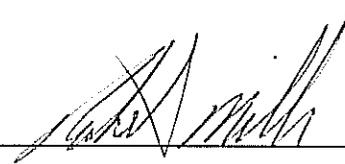
Sample Site: MW-2 DTW-5.52'
Project Name: TRIAD, Steve's Amoco
Sampled: 11/12/04 at 05:30 PM
by Troy Breitag
Sample Matrix: Water

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Lab ID#: 20041118504
Received: 11/18/04 at 11:30 AM
by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	< 250	µg/L	500	5.45	250	SW846 8260	RAM 11/20/04
Benzene	14100	µg/L	500	6.15	250	SW846 8260	RAM 11/20/04
1,2-Dibromoethane	< 250	µg/L	500	7.65	250	SW846 8260	RAM 11/20/04
Ethylbenzene	3230	µg/L	500	6.00	250	SW846 8260	RAM 11/20/04
Methyl tertiary-Butyl Ether	2590	µg/L	500	5.00	250	SW846 8260	RAM 11/20/04
Naphthalene	722	µg/L	500	7.55	250	SW846 8260	RAM 11/20/04
Toluene	24000	µg/L	2000	40.2	1000	SW846 8260	RAM 11/20/04
Xylenes(o,m,p)	16200	µg/L	500	21.7	500	SW846 8260	RAM 11/20/04
Total Volatile Hydrocarbons							
TPH as Gasoline	122000	µg/L	50	201	5000	SW846 8015	MJM 11/20/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	95.0	%	1			SW846 8260 QC	RAM 11/20/04
4-Bromofluorobenzene	97.6	%	1			SW846 8015 QC	MJM 11/20/04
4-Bromofluorobenzene	93.2	%	1			SW846 8260 QC	RAM 11/20/04
Dibromofluoromethane	95.0	%	1			SW846 8260 QC	RAM 11/20/04
Toluene-d8	100	%	1			SW846 8260 QC	RAM 11/20/04

Notes:
Product sheen observed.

Approved By: 

Approved On: 11/29/2004 04:41 PM



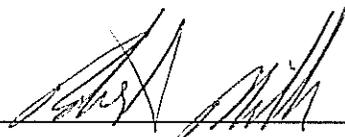
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Sample Site: MW-3 DTW-4.55'
Project Name: TRIAD, Steve's Amoco
Sampled: 11/12/04 at 04:30 PM
by Troy Breitag
Sample Matrix: Water

Lab ID#: 20041118505
Received: 11/18/04 at 11:30 AM
by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	7.54	µg/L	2	0.022	1.00	SW846 8260	RAM 11/21/04
Benzene	152	µg/L	10	0.123	5.00	SW846 8260	RAM 11/21/04
1,2-Dibromoethane	< 1.00	µg/L	2	0.031	1.00	SW846 8260	RAM 11/21/04
Ethylbenzene	1.16	µg/L	2	0.024	1.00	SW846 8260	RAM 11/21/04
Methyl tertiary-Butyl Ether	58.2	µg/L	2	0.020	1.00	SW846 8260	RAM 11/21/04
Naphthalene	< 1.00	µg/L	2	0.030	1.00	SW846 8260	RAM 11/21/04
Toluene	3.46	µg/L	2	0.040	1.00	SW846 8260	RAM 11/21/04
Xylenes(o,m,p)	2.55	µg/L	2	0.087	2.00	SW846 8260	RAM 11/21/04
Total Volatile Hydrocarbons							
TPH as Gasoline	1000	µg/L	1	4.01	100	SW846 8015	MJM 11/20/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	92.2	%	1			SW846 8260 QC	RAM 11/21/04
4-Bromofluorobenzene	101	%	1			SW846 8015 QC	MJM 11/20/04
4-Bromofluorobenzene	99.9	%	1			SW846 8260 QC	RAM 11/21/04
Dibromofluoromethane	92.2	%	1			SW846 8260 QC	RAM 11/21/04
Toluene-d8	106	%	1			SW846 8260 QC	RAM 11/21/04

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Sample Site: MW-4 DTW-5.20'
Project Name: TRIAD, Steve's Amoco
Sampled: 11/12/04 at 05:00 PM
by Troy Breitag
Sample Matrix: Water

Lab ID#: 20041118506
Received: 11/18/04 at 11:30 AM
by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	1.49	µg/L	1	0.011	0.500	SW846 8260	RAM 11/21/04
Benzene	J 0.304	µg/L	1	0.012	0.500	SW846 8260	RAM 11/21/04
1,2-Dibromoethane	< 0.500	µg/L	1	0.015	0.500	SW846 8260	RAM 11/21/04
Ethylbenzene	< 0.500	µg/L	1	0.012	0.500	SW846 8260	RAM 11/21/04
Methyl tertiary-Butyl Ether	21.6	µg/L	1	0.010	0.500	SW846 8260	RAM 11/21/04
Naphthalene	< 0.500	µg/L	1	0.015	0.500	SW846 8260	RAM 11/21/04
Toluene	< 0.500	µg/L	1	0.020	0.500	SW846 8260	RAM 11/21/04
Xylenes(o,m,p)	< 1.00	µg/L	1	0.043	1.00	SW846 8260	RAM 11/21/04
Total Volatile Hydrocarbons							
TPH as Gasoline	< 100	µg/L	1	4.01	100	SW846 8015	MJM 11/20/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	98.2	%	1			SW846 8260 QC	RAM 11/21/04
4-Bromofluorobenzene	95.6	%	1			SW846 8015 QC	MJM 11/20/04
4-Bromofluorobenzene	103	%	1			SW846 8260 QC	RAM 11/21/04
Dibromofluoromethane	98.6	%	1			SW846 8260 QC	RAM 11/21/04
Toluene-d8	101	%	1			SW846 8260 QC	RAM 11/21/04

Notes:
J, reported value is below the established PQL but above the 0.20ug/L calibration point.

Approved By: 

Approved On: 11/29/2004 04:41 PM



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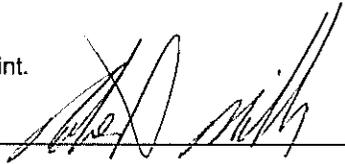
Sample Site: MW-5 DTW-4.73'
Project Name: TRIAD, Steve's Amoco
Sampled: 11/12/04 at 03:00 PM
by Troy Breitag
Sample Matrix: Water

Lab ID#: 20041118507
Received: 11/18/04 at 11:30 AM
by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	J 24.4	µg/L	50	0.545	25.0	SW846 8260	RAM 11/21/04
Benzene	2880	µg/L	500	6.15	250	SW846 8260	RAM 11/20/04
1,2-Dibromoethane	< 25.0	µg/L	50	0.765	25.0	SW846 8260	RAM 11/21/04
Ethylbenzene	314	µg/L	50	0.600	25.0	SW846 8260	RAM 11/21/04
Methyl tertiary-Butyl Ether	298	µg/L	50	0.500	25.0	SW846 8260	RAM 11/21/04
Naphthalene	97.8	µg/L	50	0.755	25.0	SW846 8260	RAM 11/21/04
Toluene	699	µg/L	50	1.01	25.0	SW846 8260	RAM 11/21/04
Xylenes(o,m,p)	394	µg/L	50	2.17	50.0	SW846 8260	RAM 11/21/04
Total Volatile Hydrocarbons							
TPH as Gasoline	14600	µg/L	50	201	5000	SW846 8015	MJM 11/20/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	93.9	%	1			SW846 8260 QC	RAM 11/21/04
4-Bromofluorobenzene	91.9	%	1			SW846 8015 QC	MJM 11/20/04
4-Bromofluorobenzene	99.0	%	1			SW846 8260 QC	RAM 11/21/04
Dibromofluoromethane	94.4	%	1			SW846 8260 QC	RAM 11/21/04
Toluene-d8	96.8	%	1			SW846 8260 QC	RAM 11/21/04

Notes:
J, reported value is below the established PQL but above the 0.20ug/L calibration point.

Approved By: 

Approved On: 11/29/2004 04:41 PM



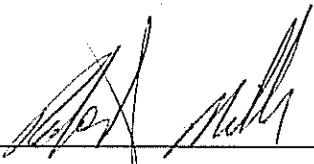
2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: MW-6 DTW-5.70'
Project Name: TRIAD, Steve's Amoco
Sampled: 11/12/04 at 04:00 PM
by Troy Breitag
Sample Matrix: Water

Lab ID#: 20041118508
Received: 11/18/04 at 11:30 AM
by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	< 25.0	µg/L	50	0.545	25.0	SW846 8260	RAM 11/21/04
Benzene	2100	µg/L	500	6.15	250	SW846 8260	RAM 11/20/04
1,2-Dibromoethane	< 25.0	µg/L	50	0.765	25.0	SW846 8260	RAM 11/21/04
Ethylbenzene	407	µg/L	50	0.600	25.0	SW846 8260	RAM 11/21/04
Methyl tertiary-Butyl Ether	89.2	µg/L	50	0.500	25.0	SW846 8260	RAM 11/21/04
Naphthalene	46.6	µg/L	50	0.755	25.0	SW846 8260	RAM 11/21/04
Toluene	826	µg/L	50	1.01	25.0	SW846 8260	RAM 11/21/04
Xylenes(o,m,p)	988	µg/L	50	2.17	50.0	SW846 8260	RAM 11/21/04
Total Volatile Hydrocarbons							
TPH as Gasoline	12400	µg/L	50	201	5000	SW846 8015	MJM 11/20/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	94.5	%	1			SW846 8260 QC	RAM 11/21/04
4-Bromofluorobenzene	92.8	%	1			SW846 8015 QC	MJM 11/20/04
4-Bromofluorobenzene	97.9	%	1			SW846 8260 QC	RAM 11/21/04
Dibromofluoromethane	93.7	%	1			SW846 8260 QC	RAM 11/21/04
Toluene-d8	103	%	1			SW846 8260 QC	RAM 11/21/04

Approved By: 

Approved On: 11/29/2004 04:41 PM



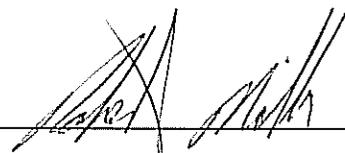
2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: Trip Blank
Project Name: TRIAD, Steve's Amoco
Sampled: 11/08/04 at 08:00 AM
by RAM
Sample Matrix: Water

Lab ID#: 20041118519
Received: 11/18/04 at 11:30 AM
by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	< 0.500	µg/L	1	0.011	0.500	SW846 8260	RAM 11/19/04
Benzene	< 0.500	µg/L	1	0.012	0.500	SW846 8260	RAM 11/19/04
1,2-Dibromoethane	< 0.500	µg/L	1	0.015	0.500	SW846 8260	RAM 11/19/04
Ethylbenzene	< 0.500	µg/L	1	0.012	0.500	SW846 8260	RAM 11/19/04
Methyl tertiary-Butyl Ether	< 0.500	µg/L	1	0.010	0.500	SW846 8260	RAM 11/19/04
Naphthalene	< 0.500	µg/L	1	0.015	0.500	SW846 8260	RAM 11/19/04
Toluene	< 0.500	µg/L	1	0.020	0.500	SW846 8260	RAM 11/19/04
Xylenes(o,m,p)	< 1.00	µg/L	1	0.043	1.00	SW846 8260	RAM 11/19/04
Total Volatile Hydrocarbons							
TPH as Gasoline	< 100	µg/L	1	4.01	100	SW846 8015	MJM 11/23/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	96.3	%	1			SW846 8260 QC	RAM 11/19/04
4-Bromofluorobenzene	97.0	%	1			SW846 8015 QC	MJM 11/23/04
4-Bromofluorobenzene	98.6	%	1			SW846 8260 QC	RAM 11/19/04
Dibromofluoromethane	97.4	%	1			SW846 8260 QC	RAM 11/19/04
Toluene-d8	102	%	1			SW846 8260 QC	RAM 11/19/04

Approved By: 

Approved On: 11/29/2004 04:41 PM



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Sample Site: Method Blank water
Project Name: 2004 Method Blank water
Project Number: 2004-Method Blank water
Sampled: 11/19/04 at 08:00 AM
by RAM
Sample Matrix: Water

MID-CONTINENT TESTING LABORATORIES, INC.
2381 S PLAZA DR
RAPID CITY, SD 57702

Lab ID#: 20041119611
Received: 11/19/04 at 08:01 AM
by Robert Miller
Account: W1224
Mid-Continent Testing Laboratories, Inc.

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	< 0.500	µg/L	1	0.011	0.500	SW846 8260	RAM 11/19/04
Benzene	< 0.500	µg/L	1	0.012	0.500	SW846 8260	RAM 11/19/04
1,2-Dibromoethane	< 0.500	µg/L	1	0.015	0.500	SW846 8260	RAM 11/19/04
Ethylbenzene	< 0.500	µg/L	1	0.012	0.500	SW846 8260	RAM 11/19/04
Methyl tertiary-Butyl Ether	< 0.500	µg/L	1	0.010	0.500	SW846 8260	RAM 11/19/04
Naphthalene	< 1.00	µg/L	1	0.015	0.500	SW846 8260	RAM 11/19/04
Toluene	< 0.500	µg/L	1	0.020	0.500	SW846 8260	RAM 11/19/04
Xylenes(o,m,p)	< 1.00	µg/L	1	0.043	1.00	SW846 8260	RAM 11/19/04
Total Volatile Hydrocarbons							
TPH as Gasoline	< 100	µg/L	1	4.01	100	SW846 8015	MJM 11/23/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	96.9	%	1			SW846 8260 QC	RAM 11/19/04
4-Bromofluorobenzene	92.3	%	1			SW846 8015 QC	MJM 11/23/04
4-Bromofluorobenzene	97.9	%	1			SW846 8260 QC	RAM 11/19/04
Dibromofluoromethane	96.0	%	1			SW846 8260 QC	RAM 11/19/04
Toluene-d8	98.7	%	1			SW846 8260 QC	RAM 11/19/04

Approved By: 

Approved On: 11/29/2004 04:41 PM



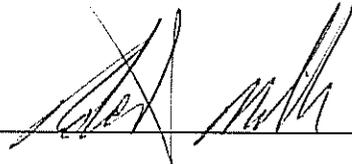
2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: Method Blank water
Project Name: 2004 Method Blank water
Project Number: 2004-Method Blank water
Sampled: 11/21/04 at 08:00 AM
by RAM
Sample Matrix: Water

MID-CONTINENT TESTING LABORATORIES, INC.
2381 S PLAZA DR
RAPID CITY, SD 57702

Lab ID#: 20041121611
Received: 11/21/04 at 08:01 AM
by Robert Miller
Account: W1224
Mid-Continent Testing Laboratories, Inc.

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	< 0.500	µg/L	1	0.011	0.500	SW846 8260	RAM 11/21/04
Benzene	< 0.500	µg/L	1	0.012	0.500	SW846 8260	RAM 11/21/04
1,2-Dibromoethane	< 0.500	µg/L	1	0.015	0.500	SW846 8260	RAM 11/21/04
Ethylbenzene	< 0.500	µg/L	1	0.012	0.500	SW846 8260	RAM 11/21/04
Methyl tertiary-Butyl Ether	< 0.500	µg/L	1	0.010	0.500	SW846 8260	RAM 11/21/04
Naphthalene	< 0.500	µg/L	1	0.015	0.500	SW846 8260	RAM 11/21/04
Toluene	< 0.500	µg/L	1	0.020	0.500	SW846 8260	RAM 11/21/04
Xylenes(o,m,p)	< 1.00	µg/L	1	0.043	1.00	SW846 8260	RAM 11/21/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	96.4	%	1			SW846 8260 QC	RAM 11/21/04
4-Bromofluorobenzene	100	%	1			SW846 8260 QC	RAM 11/21/04
Dibromofluoromethane	98.7	%	1			SW846 8260 QC	RAM 11/21/04
Toluene-d8	95.8	%	1			SW846 8260 QC	RAM 11/21/04

Approved By: 

Approved On: 11/29/2004 04:41 PM



Dennis Rounds
PRCF
445 E. Capitol, Suite 200
Pierre, SD 57501

Project Name:
SAMPLE ID: Lab Control Spike Water
SAMPLE DATE: 11/19/2004
ACCOUNT NUMBER: w1374
LAB NUMBER: 2004119612-LCS
DATE RECEIVED:
METHOD: SW-846 8260
UNITS: % Recovery

PARAMETER:	Lab Control Spike (%Recovery)	Water Recovery Limits (%Recovery)	Date Analyzed
1,2-Dibromoethane	88.6	69.8-118	11/19/2004
1,2-Dichloroethane	90.6	79.8-108	11/19/2004
Benzene	93.7	85.3-118	11/19/2004
Ethylbenzene	100.0	87.3-113	11/19/2004
Methyl tert-butyl ether(mtbe)	97.8	87.2-123	11/19/2004
Naphthalene	100.	68.4-146	11/19/2004
Toluene	95.5	86.3-110	11/19/2004
Xylenes	98.4	88.3-112	11/19/2004
TPH-Gasoline	102.	78-119	11/23/2004

SURROGATE RECOVERY	(%Recovery)
DIBROMOFLUOROMETHANE	92.6
1,2-DICHLOROETHANE _{d-4}	93.6
TOLUENE _{d-g}	102.
4-BROMOFLUOROBENZENE	103.
DATAFILE: 041119-	23.ms
DATAFILE: 16_-	11-23-04003

RECOVERY LIMITS	(%Recovery)
	86-118
	80-120
	85-115
	80-120

Approved by: 

Date: 11-29-04

COMMENTS:

KEY
MDL= METHOD DETECTION LIMIT
EQL= ESTIMATED QUANTITATION LIMIT, A MULTIPLE OF THE MDL
LCS = LAB CONTROL SPIKE, LAB WATER SPIKED WITH TARGET COMPOUNDS
MS/MSD = MATRIX SPIKE/MATRIX SPIKE DUPLICATE, REPORTED AS PERCENT RECOVERED
RPD = RELATIVE PERCENT DIFFERENCE



MIDCONTINENT
TESTING LABORATORIES, INC.

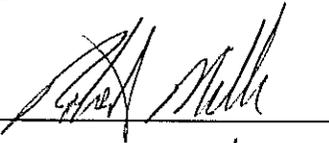
Dennis Rounds
PRCF
445 E. Capitol, Suite 200
Pierre, SD 57501

Project Name:
SAMPLE ID: Lab Control Spike Water
SAMPLE DATE: 11/19/2004
ACCOUNT NUMBER: w1374
LAB NUMBER: 20041119614-LCS
DATE RECEIVED:
METHOD: SW-846 8260
UNITS: % Recovery

PARAMETER:	Lab Control Spike (%Recovery)	Water Recovery Limits (%Recovery)	Date Analyzed
1,2-Dibromoethane	87.8	69.8-118	11/20/2004
1,2-Dichloroethane	92.2	79.8-108	11/20/2004
Benzene	94.3	85.3-118	11/20/2004
Ethylbenzene	94.4	87.3-113	11/20/2004
Methyl tert-butyl ether(mtbe)	101.	87.2-123	11/20/2004
Naphthalene	87.5	68.4-146	11/20/2004
Toluene	92.3	86.3-110	11/20/2004
Xylenes	93.3	88.3-112	11/20/2004
TPH-Gasoline	99.5	78-119	11/19/2004

SURROGATE RECOVERY	(%Recovery)
DIBROMOFLUOROMETHANE	96.4
1,2-DICHLOROETHANE _{d-4}	98.1
TOLUENE _{d-6}	99.6
4-BROMOFLUOROBENZENE	99.2
DATAFILE: 041120-	15.ms
DATAFILE: 16_-	11-19-04029

RECOVERY LIMITS	(%Recovery)
	86-118
	80-120
	85-115
	80-120

Approved by: 

Date: 11-29-04

COMMENTS:

KEY
MDL= METHOD DETECTION LIMIT
EQL= ESTIMATED QUANTITATION LIMIT, A MULTIPLE OF THE MDL
LCS = LAB CONTROL SPIKE, LAB WATER SPIKED WITH TARGET COMPOUNDS
MS/MSD = MATRIX SPIKE/MATRIX SPIKE DUPLICATE, REPORTED AS PERCENT RECOVERED
RPD = RELATIVE PERCENT DIFFERENCE



MIDCONTINENT
TESTING LABORATORIES, INC.

Dennis Rounds
PRCF
445 E. Capitol, Suite 200
Pierre, SD 57501

Project Name:
SAMPLE ID: Lab Control Spike Water
SAMPLE DATE: 11/21/2004
ACCOUNT NUMBER: w1374
LAB NUMBER: 20041121612-LCS
DATE RECEIVED:
METHOD: SW-846 8260
UNITS: % Recovery

PARAMETER:	Lab Control Spike (%Recovery)	Water Recovery Limits (%Recovery)	Date Analyzed
1,2-Dibromoethane	89.8	69.8-118	11/21/2004
1,2-Dichloroethane	93.5	79.8-108	11/21/2004
Benzene	105.	85.3-118	11/21/2004
Ethylbenzene	101.	87.3-113	11/21/2004
Methyl tert-butyl ether(mtbe)	104.	87.2-123	11/21/2004
Naphthalene	105.	68.4-146	11/21/2004
Toluene	102.	86.3-110	11/21/2004
Xylenes	103.	88.3-112	11/21/2004

SURROGATE RECOVERY	(%Recovery)
DIBROMOFLUOROMETHANE	93.8
1,2-DICHLOROETHANEd-4	93.3
TOLUENE _{d-8}	101.
4-BROMOFLUOROBENZENE	102.
DATAFILE: 041121-	05.ms

RECOVERY LIMITS	(%Recovery)
	86-118
	80-120
	85-115
	80-120

Approved by: 

Date: 11-29-04

COMMENTS:

KEY
MDL= METHOD DETECTION LIMIT
EQL= ESTIMATED QUANTITATION LIMIT, A MULTIPLE OF THE MDL
LCS = LAB CONTROL SPIKE, LAB WATER SPIKED WITH TARGET COMPOUNDS
MS/MSD = MATRIX SPIKE/MATRIX SPIKE DUPLICATE, REPORTED AS PERCENT RECOVERED
RPD = RELATIVE PERCENT DIFFERENCE



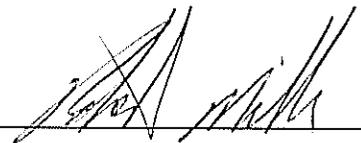
2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: MIP-16(5'-7.5')
Project Name: TRIAD, Steve's Amoco
Sampled: 11/09/04 at 02:15 PM
by Troy Breitag
Sample Matrix: Soil

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Lab ID#: 20041118541
Received: 11/18/04 at 11:30 AM
by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	< 0.100	mg/kg	1	0.010	0.100	SW846 8260-S	RAM 11/20/04
Benzene	< 0.100	mg/kg	1	0.019	0.100	SW846 8260-S	RAM 11/20/04
1,2-Dibromoethane	< 0.100	mg/kg	1	0.015	0.100	SW846 8260-S	RAM 11/20/04
Ethylbenzene	< 0.200	mg/kg	1	0.026	0.200	SW846 8260-S	RAM 11/20/04
Methyl tertiary-Butyl Ether	< 0.100	mg/kg	1	0.006	0.100	SW846 8260-S	RAM 11/20/04
Naphthalene	< 0.500	mg/kg	1	0.037	0.500	SW846 8260-S	RAM 11/20/04
Toluene	< 0.100	mg/kg	1	0.018	0.100	SW846 8260-S	RAM 11/20/04
Xylenes(o,m,p)	< 0.500	mg/kg	1	0.098	0.500	SW846 8260-S	RAM 11/20/04
Total Volatile Hydrocarbons							
TPH as Gasoline	< 10.0	mg/kg	1	0.979	10.0	SW846 8015-S	MJM 11/21/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	95.2	%	1			SW846 8260 QC	RAM 11/20/04
4-Bromofluorobenzene	100	%	1			SW846 8015 QC	MJM 11/21/04
4-Bromofluorobenzene	97.2	%	1			SW846 8260 QC	RAM 11/20/04
Dibromofluoromethane	96.4	%	1			SW846 8260 QC	RAM 11/20/04
Toluene-d8	108	%	1			SW846 8260 QC	RAM 11/20/04

Approved By: 

Approved On: 11/29/2004 04:57 PM



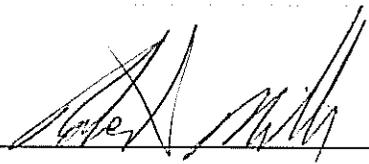
2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: MIP-16 (7.5'-10')
Project Name: TRIAD, Steve's Amoco
Sampled: 11/09/04 at 02:15 PM
by Troy Breitag
Sample Matrix: Soil

Lab ID#: 20041118542
Received: 11/18/04 at 11:30 AM
by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	< 0.100	mg/kg	1	0.010	0.100	SW846 8260-S	RAM 11/20/04
Benzene	0.172	mg/kg	1	0.019	0.100	SW846 8260-S	RAM 11/20/04
1,2-Dibromoethane	< 0.100	mg/kg	1	0.015	0.100	SW846 8260-S	RAM 11/20/04
Ethylbenzene	0.958	mg/kg	1	0.026	0.200	SW846 8260-S	RAM 11/20/04
Methyl tertiary-Butyl Ether	< 0.100	mg/kg	1	0.006	0.100	SW846 8260-S	RAM 11/20/04
Naphthalene	0.518	mg/kg	1	0.037	0.500	SW846 8260-S	RAM 11/20/04
Toluene	1.34	mg/kg	1	0.018	0.100	SW846 8260-S	RAM 11/20/04
Xylenes(o,m,p)	4.69	mg/kg	1	0.098	0.500	SW846 8260-S	RAM 11/20/04
Total Volatile Hydrocarbons							
TPH as Gasoline	89.8	mg/kg	4	3.92	40.0	SW846 8015-S	MJM 11/21/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	95.0	%	1			SW846 8260 QC	RAM 11/20/04
4-Bromofluorobenzene	108	%	1			SW846 8015 QC	MJM 11/21/04
4-Bromofluorobenzene	101	%	1			SW846 8260 QC	RAM 11/20/04
Dibromofluoromethane	94.7	%	1			SW846 8260 QC	RAM 11/20/04
Toluene-d8	104	%	1			SW846 8260 QC	RAM 11/20/04

Approved By: 

Approved On: 11/29/2004 04:57 PM



2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

MIP - ?

Sample Site: SB-1(SW house corner)12'-15'

Project Name: TRIAD, Steve's Amoco
Sampled: 11/10/04 at 05:00 PM
by Troy Breitag
Sample Matrix: Soil

Lab ID#: 20041118543
Received: 11/18/04 at 11:30 AM
by Marci Medalen

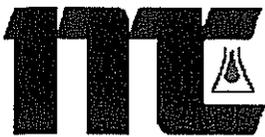
Account: w1374
Petroleum Release Compensation Fund

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	< 0.100	mg/kg	1	0.010	0.100	SW846 8260-S	RAM 11/21/04
Benzene	0.614	mg/kg	1	0.019	0.100	SW846 8260-S	RAM 11/20/04
1,2-Dibromoethane	< 0.100	mg/kg	1	0.015	0.100	SW846 8260-S	RAM 11/20/04
Ethylbenzene	1.95	mg/kg	1	0.026	0.200	SW846 8260-S	RAM 11/20/04
Methyl tertiary-Butyl Ether	0.123	mg/kg	1	0.006	0.100	SW846 8260-S	RAM 11/20/04
Naphthalene	0.846	mg/kg	1	0.037	0.500	SW846 8260-S	RAM 11/20/04
Toluene	3.98	mg/kg	1	0.018	0.100	SW846 8260-S	RAM 11/20/04
Xylenes(o,m,p)	9.87	mg/kg	1	0.098	0.500	SW846 8260-S	RAM 11/20/04
Total Volatile Hydrocarbons							
TPH as Gasoline	238	mg/kg	4	3.92	40.0	SW846 8015-S	MJM 11/21/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	93.6	%	1			SW846 8260 QC	RAM 11/20/04
4-Bromofluorobenzene	120	%	1			SW846 8015 QC	MJM 11/21/04
4-Bromofluorobenzene	100	%	1			SW846 8260 QC	RAM 11/20/04
Dibromofluoromethane	94.6	%	1			SW846 8260 QC	RAM 11/20/04
Toluene-d8	97.0	%	1			SW846 8260 QC	RAM 11/20/04

Approved By: 

Approved On: 11/29/2004 04:57 PM



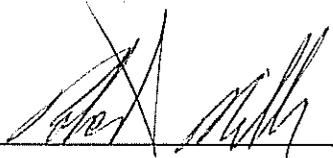
2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: SB-2(MIP-10) 7.5'-10'
Project Name: TRIAD, Steve's Amoco
Sampled: 11/10/04 at 05:50 PM
by Troy Breitag
Sample Matrix: Soil

Lab ID#: 20041118544
Received: 11/18/04 at 11:30 AM
by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	< 0.100	mg/kg	1	0.010	0.100	SW846 8260-S	RAM 11/20/04
Benzene	< 0.100	mg/kg	1	0.019	0.100	SW846 8260-S	RAM 11/20/04
1,2-Dibromoethane	< 0.100	mg/kg	1	0.015	0.100	SW846 8260-S	RAM 11/20/04
Ethylbenzene	< 0.200	mg/kg	1	0.026	0.200	SW846 8260-S	RAM 11/20/04
Methyl tertiary-Butyl Ether	< 0.100	mg/kg	1	0.006	0.100	SW846 8260-S	RAM 11/20/04
Naphthalene	< 0.500	mg/kg	1	0.037	0.500	SW846 8260-S	RAM 11/20/04
Toluene	< 0.100	mg/kg	1	0.018	0.100	SW846 8260-S	RAM 11/20/04
Xylenes(o,m,p)	< 0.500	mg/kg	1	0.098	0.500	SW846 8260-S	RAM 11/20/04
Total Volatile Hydrocarbons							
TPH as Gasoline	< 10.0	mg/kg	1	0.979	10.0	SW846 8015-S	MJM 11/22/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	97.5	%	1			SW846 8260 QC	RAM 11/20/04
4-Bromofluorobenzene	101	%	1			SW846 8015 QC	MJM 11/22/04
4-Bromofluorobenzene	97.6	%	1			SW846 8260 QC	RAM 11/20/04
Dibromofluoromethane	96.2	%	1			SW846 8260 QC	RAM 11/20/04
Toluene-d8	99.2	%	1			SW846 8260 QC	RAM 11/20/04

Approved By: 

Approved On: 11/29/2004 05:04 PM



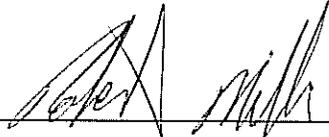
2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: SB-1(SW house corner)10-12.5'
Project Name: TRIAD, Steve's Amoco
Sampled: 11/10/04 at 05:00 PM
by Troy Breitag
Sample Matrix: Soil

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Lab ID#: 20041118545
Received: 11/18/04 at 11:30 AM
by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	< 0.100	mg/kg	1	0.010	0.100	SW846 8260-S	RAM 11/20/04
Benzene	0.638	mg/kg	1	0.019	0.100	SW846 8260-S	RAM 11/20/04
1,2-Dibromoethane	< 0.100	mg/kg	1	0.015	0.100	SW846 8260-S	RAM 11/20/04
Ethylbenzene	1.91	mg/kg	1	0.026	0.200	SW846 8260-S	RAM 11/20/04
Methyl tertiary-Butyl Ether	< 0.100	mg/kg	1	0.006	0.100	SW846 8260-S	RAM 11/20/04
Naphthalene	1.01	mg/kg	1	0.037	0.500	SW846 8260-S	RAM 11/20/04
Toluene	0.282	mg/kg	1	0.018	0.100	SW846 8260-S	RAM 11/20/04
Xylenes(o,m,p)	10.1	mg/kg	1	0.098	0.500	SW846 8260-S	RAM 11/20/04
Total Volatile Hydrocarbons							
TPH as Gasoline	173	mg/kg	4	3.92	40.0	SW846 8015-S	MJM 11/21/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	93.9	%	1			SW846 8260 QC	RAM 11/20/04
4-Bromofluorobenzene	111	%	1			SW846 8015 QC	MJM 11/21/04
4-Bromofluorobenzene	98.5	%	1			SW846 8260 QC	RAM 11/20/04
Dibromofluoromethane	94.6	%	1			SW846 8260 QC	RAM 11/20/04
Toluene-d8	102	%	1			SW846 8260 QC	RAM 11/20/04

Approved By: 

Approved On: 11/29/2004 04:57 PM



2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: SB-2(MIP-10) 10'-12.5'
Project Name: TRIAD, Steve's Amoco
Sampled: 11/10/04 at 05:50 PM
by Troy Breitag
Sample Matrix: Soil

Lab ID#: 20041118546
Received: 11/18/04 at 11:30 AM
by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
Volatile							
1,2-Dichloroethane	< 0.100	mg/kg	1	0.010	0.100	SW846 8260-S	RAM 11/20/04
Benzene	< 0.100	mg/kg	1	0.019	0.100	SW846 8260-S	RAM 11/20/04
1,2-Dibromoethane	< 0.100	mg/kg	1	0.015	0.100	SW846 8260-S	RAM 11/20/04
Ethylbenzene	< 0.200	mg/kg	1	0.026	0.200	SW846 8260-S	RAM 11/20/04
Methyl tertiary-Butyl Ether	< 0.100	mg/kg	1	0.006	0.100	SW846 8260-S	RAM 11/20/04
Naphthalene	< 0.500	mg/kg	1	0.037	0.500	SW846 8260-S	RAM 11/20/04
Toluene	< 0.100	mg/kg	1	0.018	0.100	SW846 8260-S	RAM 11/20/04
Xylenes(o,m,p)	< 0.500	mg/kg	1	0.098	0.500	SW846 8260-S	RAM 11/20/04
Total Volatile Hydrocarbons							
TPH as Gasoline	< 10.0	mg/kg	1	0.979	10.0	SW846 8015-S	MJM 11/21/04
Surrogate Recovery-Volatile							
1,2-Dichloroethane-d4	95.6	%	1			SW846 8260 QC	RAM 11/20/04
4-Bromofluorobenzene	106	%	1			SW846 8015 QC	MJM 11/21/04
4-Bromofluorobenzene	97.4	%	1			SW846 8260 QC	RAM 11/20/04
Dibromofluoromethane	96.6	%	1			SW846 8260 QC	RAM 11/20/04
Toluene-d8	100	%	1			SW846 8260 QC	RAM 11/20/04

Approved By: 

Approved On: 11/29/2004 05:04 PM



2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: Method Blank Soil
Project Name: 2004 Method Blank soil
Project Number: 2004 Method Blank soil
Sampled: 11/19/04 at 08:00 AM
by MJM
Sample Matrix: Soil

MID-CONTINENT TESTING LABORATORIES, INC.
2381 S PLAZA DR
RAPID CITY, SD 57702

Lab ID#: 20041119641
Received: 11/19/04 at 08:01 AM
by Marci Medalen
Account: W1224
Mid-Continent Testing Laboratories, Inc.

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
<u>Volatile</u>							
1,2-Dichloroethane	< 0.100	mg/kg	1	0.010	0.100	SW846 8260-S	RAM 11/20/04
Benzene	< 0.100	mg/kg	1	0.019	0.100	SW846 8260-S	RAM 11/20/04
1,2-Dibromoethane	< 0.100	mg/kg	1	0.015	0.100	SW846 8260-S	RAM 11/20/04
Ethylbenzene	< 0.200	mg/kg	1	0.026	0.200	SW846 8260-S	RAM 11/20/04
Methyl tertiary-Butyl Ether	< 0.100	mg/kg	1	0.006	0.100	SW846 8260-S	RAM 11/20/04
Naphthalene	< 0.500	mg/kg	1	0.037	0.500	SW846 8260-S	RAM 11/20/04
Toluene	< 0.100	mg/kg	1	0.018	0.100	SW846 8260-S	RAM 11/20/04
Xylenes(o,m,p)	< 0.500	mg/kg	1	0.098	0.500	SW846 8260-S	RAM 11/20/04
<u>Total Volatile Hydrocarbons</u>							
TPH as Gasoline	< 10.0	mg/kg	1	0.979	10.0	SW846 8015-S	MJM 11/21/04
<u>Surrogate Recovery-Volatile</u>							
1,2-Dichloroethane-d4	98.0	%	1			SW846 8260 QC	RAM 11/20/04
4-Bromofluorobenzene	108	%	1			SW846 8015 QC	MJM 11/21/04
4-Bromofluorobenzene	96.9	%	1			SW846 8260 QC	RAM 11/20/04
Dibromofluoromethane	97.7	%	1			SW846 8260 QC	RAM 11/20/04
Toluene-d8	99.8	%	1			SW846 8260 QC	RAM 11/20/04

Approved By: 

Approved On: 11/29/2004 04:51 PM



2381 South Plaza Drive P.O. Box 3388 Rapid City, SD 57709
(605) 348-0111 -- www.thechemistrylab.com

Sample Site: SB-1(SW house corner)12-15' Lab Duplicate
Project Name: TRIAD, Steve's Amoco
Sampled: 11/10/04 at 05:00 PM by Troy Breitag
Sample Matrix: Soil
Lab ID#: 20041118563
Received: 11/18/04 at 11:30 AM by Marci Medalen
Account: w1374
Petroleum Release Compensation Fund

DENNIS ROUNDS
PETROLEUM RELEASE COMPENSATION FUND
445 E. CAPITOL, SUITE 200
PIERRE, SD 57501

Parameter	Result	Units	DF	MDL	PQL	Method	Analyst/Date
<u>Volatile</u>							
1,2-Dichloroethane	< 0.100	mg/kg	1	0.010	0.100	SW846 8260-S	RAM 11/20/04
Benzene	0.630	mg/kg	1	0.019	0.100	SW846 8260-S	RAM 11/20/04
1,2-Dibromoethane	< 0.100	mg/kg	1	0.015	0.100	SW846 8260-S	RAM 11/20/04
Ethylbenzene	1.24	mg/kg	1	0.026	0.200	SW846 8260-S	RAM 11/20/04
Methyl tertiary-Butyl Ether	0.108	mg/kg	1	0.006	0.100	SW846 8260-S	RAM 11/20/04
Naphthalene	0.584	mg/kg	1	0.037	0.500	SW846 8260-S	RAM 11/20/04
Toluene	2.94	mg/kg	1	0.018	0.100	SW846 8260-S	RAM 11/20/04
Xylenes(o,m,p)	5.82	mg/kg	1	0.098	0.500	SW846 8260-S	RAM 11/20/04
<u>Total Volatile Hydrocarbons</u>							
TPH as Gasoline	168	mg/kg	1	0.979	10.0	SW846 8015-S	MJM 11/22/04
<u>Surrogate Recovery-Volatile</u>							
1,2-Dichloroethane-d4	94.2	%	1			SW846 8260 QC	RAM 11/20/04
4-Bromofluorobenzene	114	%	1			SW846 8015 QC	MJM 11/21/04
4-Bromofluorobenzene	98.8	%	1			SW846 8260 QC	RAM 11/20/04
Dibromofluoromethane	95.0	%	1			SW846 8260 QC	RAM 11/20/04
Toluene-d8	101	%	1			SW846 8260 QC	RAM 11/20/04

Approved By: 

Approved On: 11/29/2004 05:19 PM



MIDCONTINENT
TESTING LABORATORIES, INC.

Dennis Rounds
PRCF
445 E. Capitol, Suite 200
Pierre, SD 57501

Project Name: Triad, Steve's Amoco
SAMPLE ID: MIP-16(5'-7.5')-ms/msd
SAMPLE DATE: 11/9/2004
ACCOUNT NUMBER: w1374
LAB NUMBER: 20041118541-ms/msd
DATE RECEIVED: 11/18/2004
METHOD: SW-846 8260
UNITS: % Recovery

PARAMETER:	MIP-16(5'-7.5') Matrix Spike (%Recovery)	MIP-16(5'-7.5') Matrix Spike Dup. (%Recovery)	RPD (%)	Soil Recovery Limits (%)	Date Analyzed
1,2-Dibromoethane	90.9	84.8	6.9	77.5-104	11/20/2004
1,2-Dichloroethane	90.4	88.3	2.4	84.2-98.2	11/20/2004
Benzene	91.1	89.1	2.2	80.0-108	11/20/2004
Ethylbenzene	91.2	88.5	3.0	75.6-115	11/20/2004
Methyl tert-butyl ether(mtbe)	94.8	93.2	1.7	84.5-111	11/20/2004
Naphthalene	92.7	92.1	0.6	63.2-125	11/20/2004
Toluene	91.1	90.3	0.9	79.0-112	11/20/2004
Xylenes	94.3	91.0	3.6	80.3-114	11/20/2004
TPH-Gasoline	97.3	93.6	3.9	69-119	11/21/2004

SURROGATE RECOVERY	(%Recovery)	(%Recovery)	RECOVERY LIMITS (%Recovery)
DIBROMOFLUOROMETHANE	95.0	93.5	86-118
1,2-DICHLOROETHANEd-4	96.3	91.9	80-120
TOLUENE _{d-8}	103.0	99.8	85-115
4-BROMOFLUOROBENZENE	96.0	101.	80-120
DATAFILE: 041120-	13.ms	14.ms	
DATAFILE: 16_-	11-21-04001	11-21-04002	

Approved by: 

Date: 11-29-04

COMMENTS:

KEY
MDL= METHOD DETECTION LIMIT
EQL= ESTIMATED QUANTITATION LIMIT, A MULTIPLE OF THE MDL
LCS = LAB CONTROL SPIKE, LAB WATER SPIKED WITH TARGET COMPOUNDS
MS/MSD = MATRIX SPIKE/MATRIX SPIKE DUPLICATE, REPORTED AS PERCENT RECOVERED
RPD = RELATIVE PERCENT DIFFERENCE



MIDCONTINENT
TESTING LABORATORIES, INC.

Dennis Rounds
PRCF
445 E. Capitol, Suite 200
Pierre, SD 57501

Project Name:
SAMPLE ID: Lab Control Spike Soil
SAMPLE DATE: 11/19/2004
ACCOUNT NUMBER: w1224
LAB NUMBER: 20041119642-LCS
DATE RECEIVED:
METHOD: SW-846 8260
UNITS: % Recovery

PARAMETER:	Lab Control Spike-Soil (%Recovery)	Soil Recovery Limits (%Recovery)	Date Analyzed
1,2-Dibromoethane	94.3	77.5-104	11/20/2004
1,2-Dichloroethane	93.6	84.2-98.2	11/20/2004
Benzene	99.0	80.0-108	11/20/2004
Ethylbenzene	97.8	75.6-115	11/20/2004
Methyl tert-butyl ether(mtbe)	100.0	84.5-111	11/20/2004
Naphthalene	83.8	63.2-125	11/20/2004
Toluene	99.8	79.0-112	11/20/2004
Xylenes	101.0	80.3-114	11/20/2004
TPH-Gasoline	103.	69-119	11/21/2004

SURROGATE RECOVERY	(%Recovery)
DIBROMOFLUOROMETHANE	94.6
1,2-DICHLOROETHANE _{d-4}	95.3
TOLUENE _{d-8}	98.0
4-BROMOFLUOROBENZENE	98.9
DATAFILE: 041120-	12.ms
DATAFILE: 16_ -	11-21-04.

RECOVERY LIMITS
(%Recovery)

86-118
80-120
85-115
80-120

Approved by: 
Date: 11-27-04

COMMENTS:

KEY
MDL= METHOD DETECTION LIMIT
EQL= ESTIMATED QUANTITATION LIMIT, A MULTIPLE OF THE MDL
LCS = LAB CONTROL SPIKE, LAB WATER SPIKED WITH TARGET COMPOUNDS
MS/MSD = MATRIX SPIKE/MATRIX SPIKE DUPLICATE, REPORTED AS PERCENT RECOVERED
RPD = RELATIVE PERCENT DIFFERENCE

