Response Factor Report MSVOA_D

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
Method File : 82D010923S.M
Title : SW846 8260
Last Update : Tue Jan 10 03:36:33 2023
Response Via : Initial Calibration

Calibration Files
10 =VD075088.D 5 =VD075087.D 20 =VD075089.D 50 =VD075090.D 100 =VD075091.D 150 =VD075092.D

		Compound	10	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.341	0.306	0.318	0.217	0.219	0.222	0.270	21.11
3)	P	Chloromethane	0.555	0.482	0.504	0.346	0.325	0.334	0.424	23.77
4)	C	Vinyl Chloride	0.576	0.434	0.546	0.403	0.404	0.413	0.462	16.79#
5)	T	Bromomethane	0.397	0.351	0.334	0.260	0.250	0.274	0.311	18.82
6)	T	Chloroethane	0.426	0.329	0.403	0.307	0.304	0.319	0.348	15.17
7)	T	Trichlorofluor...	0.778	0.627	0.719	0.591	0.612	0.627	0.659	11.07
8)	T	Diethyl Ether	0.255	0.218	0.249	0.220	0.218	0.213	0.229	7.95
9)	T	1,1,2-Trichlor...	0.516	0.481	0.463	0.421	0.425	0.437	0.457	8.09
10)	T	Methyl Iodide	0.486	0.348	0.510	0.453	0.466	0.507	0.462	12.99
11)	T	Tert butyl alc...	0.050	0.046	0.046	0.032	0.029	0.029	0.039	24.82
12)	CM	1,1-Dichloroet...	0.499	0.431	0.457	0.381	0.384	0.393	0.424	11.15#
13)	T	Acrolein	0.055	0.045	0.057	0.040	0.038	0.038	0.046	18.40
14)	T	Allyl chloride	0.801	0.705	0.791	0.696	0.676	0.687	0.726	7.59
15)	T	Acrylonitrile	0.129	0.117	0.125	0.117	0.111	0.108	0.118	7.02
16)	T	Acetone	0.133	0.110	0.115	0.112	0.120	0.123	0.119	7.14
17)	T	Carbon Disulfide	1.166	0.665	1.082	0.701	0.673	0.692	0.830	27.66
18)	T	Methyl Acetate	0.373	0.504	0.396	0.287	0.281	0.282	0.354	25.12
19)	T	Methyl tert-bu...	1.210	1.115	1.166	1.094	1.038	1.039	1.110	6.18
20)	T	Methylene Chlo...	1.195	1.402	0.871	0.619	0.489	0.483	0.843	45.69
21)	T	trans-1,2-Dich...	0.556	0.466	0.527	0.425	0.403	0.413	0.465	13.71
22)	T	Diisopropyl ether	1.710	1.550	1.636	1.532	1.430	1.463	1.553	6.75
23)	T	Vinyl Acetate	0.607	0.409	0.618	0.590	0.557	0.632	0.569	14.52
24)	P	1,1-Dichloroet...	1.026	0.980	0.979	0.876	0.866	0.878	0.934	7.37
25)	T	2-Butanone	0.178	0.158	0.162	0.151	0.148	0.148	0.157	7.23
26)	T	2,2-Dichloropr...	0.932	0.877	0.871	0.777	0.769	0.801	0.838	7.79
27)	T	cis-1,2-Dichlo...	0.657	0.584	0.619	0.568	0.541	0.552	0.587	7.48
28)	T	Bromochloromet...	0.350	0.327	0.347	0.324	0.297	0.298	0.324	7.09
29)	T	Tetrahydrofuran	0.095	0.090	0.099	0.086	0.082	0.080	0.089	8.13
30)	C	Chloroform	1.058	0.980	0.979	0.901	0.868	0.894	0.947	7.58#
31)	T	Cyclohexane	0.948	0.896	0.797	0.615	0.585	0.600	0.740	21.79
32)	T	1,1,1-Trichlor...	0.904	0.854	0.853	0.752	0.739	0.770	0.812	8.26
33)	S	1,2-Dichloroet...	0.539	0.537	0.536	0.477	0.454	0.464	0.501	8.00
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.332	0.327	0.317	0.305	0.293	0.313	0.315	4.45
36)	T	1,1-Dichloropr...	0.448	0.395	0.416	0.354	0.353	0.370	0.389	9.71
37)	T	Ethyl Acetate	0.249	0.273	0.229	0.190	0.186	0.178	0.217	17.81
38)	T	Carbon Tetrach...	0.364	0.300	0.352	0.332	0.335	0.363	0.341	7.15
39)	T	Methylcyclohexane	0.524	0.447	0.508	0.402	0.402	0.418	0.450	11.98
40)	TM	Benzene	1.313	1.184	1.252	1.083	1.052	1.082	1.161	9.13
41)	T	Methacrylonitrile	0.147	0.143	0.135	0.123	0.133	0.119	0.133	8.16
42)	TM	1,2-Dichloroet...	0.354	0.334	0.343	0.310	0.301	0.310	0.325	6.54
43)	T	Isopropyl Acetate	0.410	0.362	0.389	0.370	0.356	0.360	0.374	5.57
44)	TM	Trichloroethene	0.372	0.357	0.348	0.306	0.299	0.320	0.334	8.85
45)	C	1,2-Dichloropr...	0.349	0.322	0.329	0.299	0.294	0.305	0.316	6.61#
46)	T	Dibromomethane	0.173	0.153	0.178	0.156	0.149	0.151	0.160	7.69
47)	T	Bromodichlorom...	0.452	0.408	0.422	0.409	0.396	0.418	0.418	4.63
48)	T	Methyl methacr...	0.186	0.176	0.171	0.160	0.158	0.160	0.169	6.57
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	4.43
50)	S	Toluene-d8	1.367	1.400	1.272	1.173	1.103	1.167	1.247	9.54
51)	T	4-Methyl-2-Pen...	0.198	0.188	0.200	0.185	0.181	0.184	0.189	4.11
52)	CM	Toluene	0.864	0.797	0.802	0.693	0.667	0.694	0.753	10.48#
53)	T	t-1,3-Dichloro...	0.405	0.367	0.399	0.362	0.375	0.381	0.382	4.56
54)	T	cis-1,3-Dichlo...	0.489	0.458	0.497	0.455	0.441	0.464	0.467	4.57
55)	T	1,1,2-Trichlor...	0.246	0.240	0.241	0.231	0.219	0.220	0.233	4.96
56)	T	Ethyl methacry...	0.301	0.275	0.296	0.274	0.267	0.275	0.281	4.87

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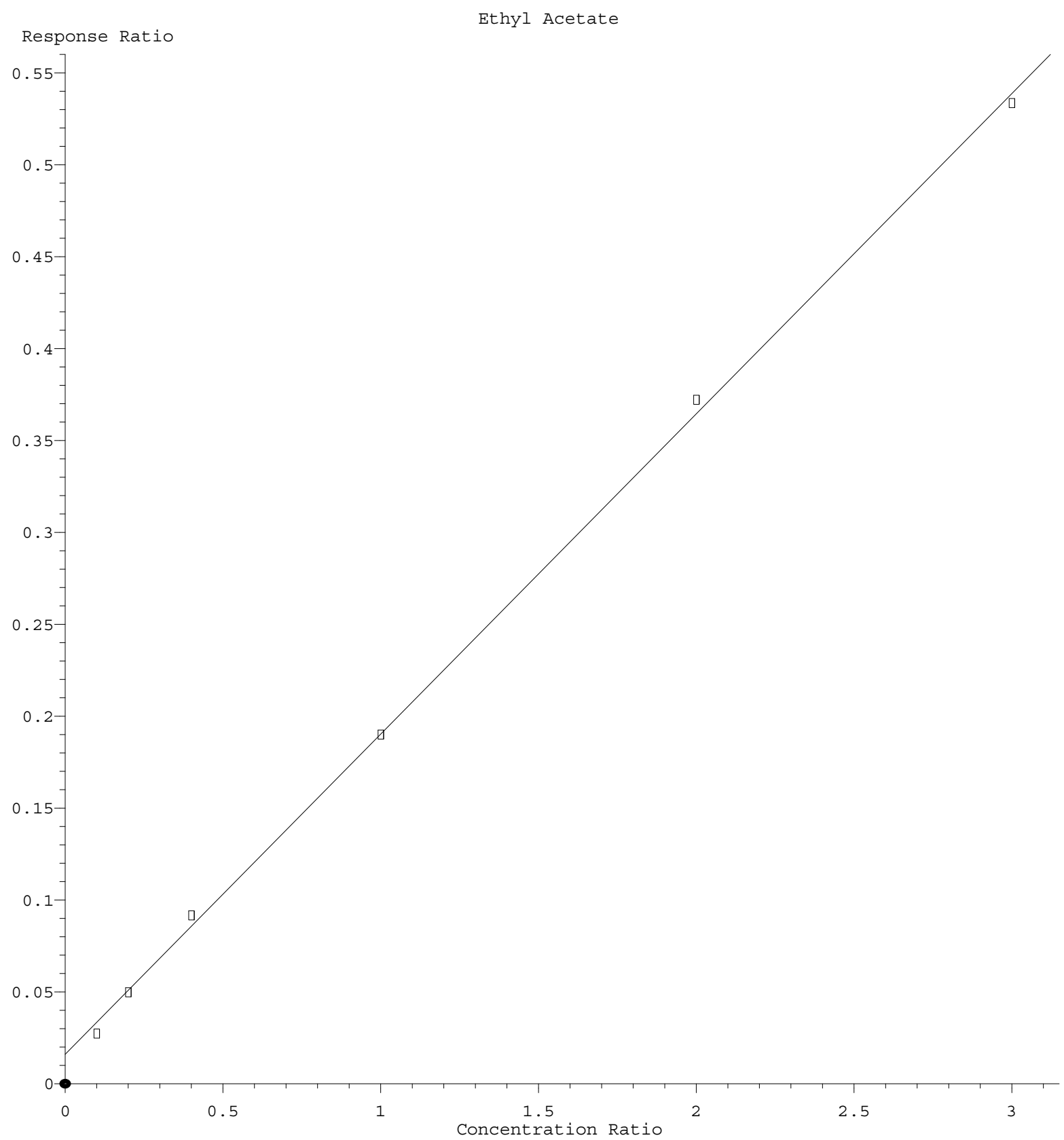
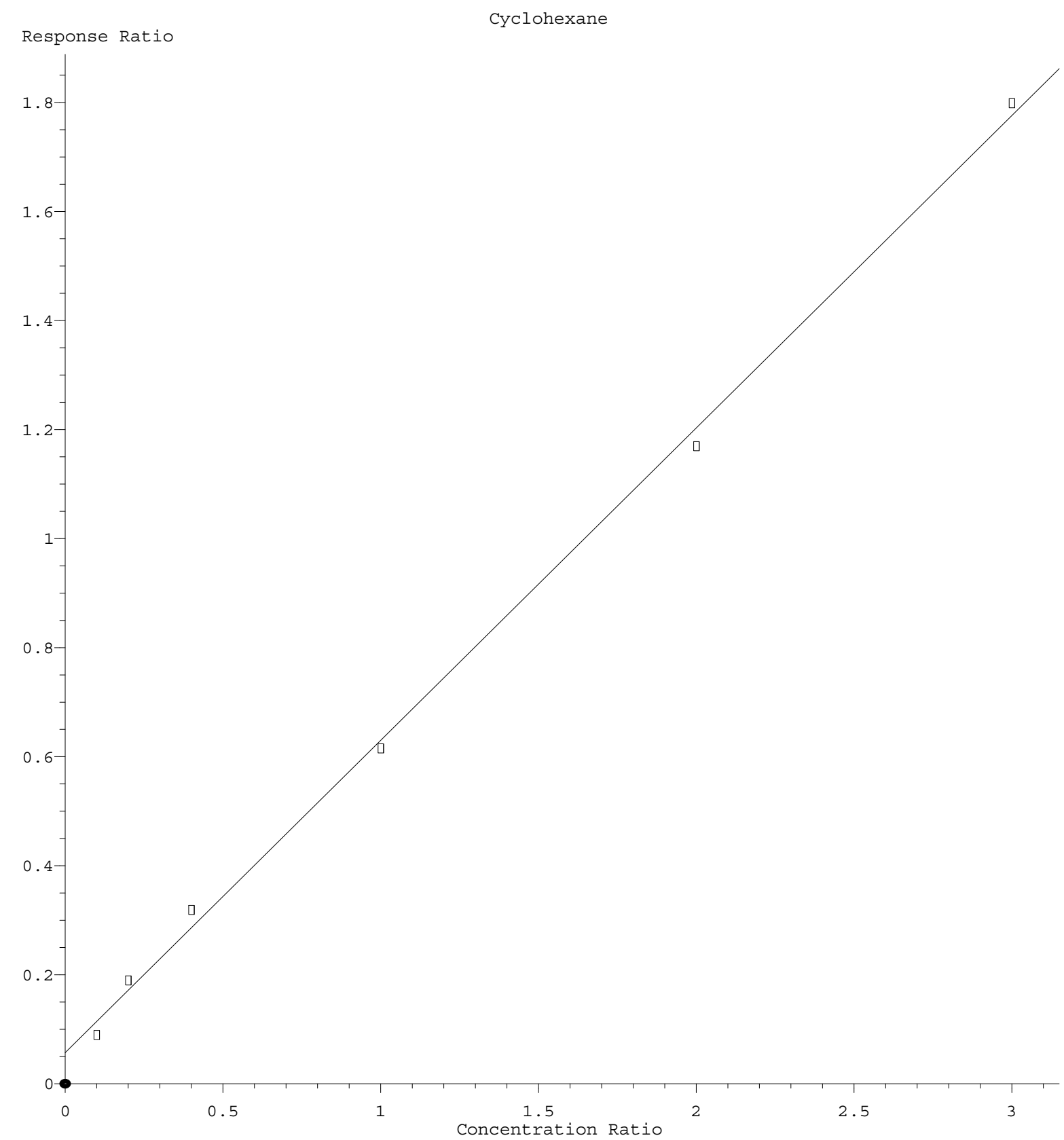
Method File : 82D010923S.M

57)	T	1,3-Dichloropr...	0.421	0.392	0.404	0.371	0.362	0.371	0.387	5.92
58)	T	2-Chloroethyl ...	0.118	0.081	0.119	0.106	0.103	0.110	0.106	13.15
59)	T	2-Hexanone	0.138	0.126	0.138	0.130	0.128	0.134	0.132	3.77
60)	T	Dibromochlorom...	0.292	0.273	0.283	0.268	0.266	0.272	0.276	3.50
61)	T	1,2-Dibromoethane	0.237	0.214	0.225	0.198	0.195	0.200	0.211	7.99
62)	S	4-Bromofluorob...	0.433	0.469	0.405	0.366	0.354	0.375	0.400	11.07
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.353	0.382	0.321	0.290	0.286	0.292	0.321	12.25
65)	PM	Chlorobenzene	1.028	1.025	0.950	0.891	0.869	0.884	0.941	7.63
66)	T	1,1,1,2-Tetrac...	0.350	0.348	0.326	0.326	0.319	0.325	0.333	4.01
67)	C	Ethyl Benzene	1.820	1.788	1.696	1.576	1.562	1.612	1.676	6.57#
68)	T	m/p-Xylenes	0.718	0.706	0.657	0.598	0.587	0.609	0.646	8.80
69)	T	o-Xylene	0.687	0.678	0.650	0.581	0.570	0.590	0.626	8.26
70)	T	Styrene	1.119	1.148	1.068	0.988	0.965	0.990	1.046	7.29
71)	P	Bromoform	0.192	0.169	0.179	0.175	0.179	0.180	0.179	4.20
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.036	3.807	3.733	3.581	3.583	3.691	3.738	4.54
74)	T	N-amyl acetate	0.863	0.829	0.844	0.854	0.851	0.854	0.849	1.39
75)	P	1,1,2,2-Tetrac...	0.660	0.635	0.659	0.635	0.635	0.620	0.641	2.46
76)	T	1,2,3-Trichlor...	0.504	0.426	0.492	0.483	0.487	0.471	0.477	5.75
77)	T	Bromobenzene	0.848	0.856	0.832	0.793	0.799	0.782	0.818	3.80
78)	T	n-propylbenzene	4.788	4.601	4.528	4.283	4.289	4.413	4.484	4.37
79)	T	2-Chlorotoluene	2.588	2.648	2.441	2.341	2.348	2.418	2.464	5.15
80)	T	1,3,5-Trimethy...	3.236	3.261	3.007	2.851	2.875	2.968	3.033	5.83
81)	T	trans-1,4-Dich...	0.196	0.171	0.172	0.179	0.176	0.182	0.180	5.12
82)	T	4-Chlorotoluene	2.698	2.703	2.495	2.383	2.401	2.464	2.524	5.65
83)	T	tert-Butylbenzene	2.766	2.883	2.627	2.573	2.572	2.640	2.677	4.61
84)	T	1,2,4-Trimethy...	3.063	3.102	2.921	2.804	2.821	2.875	2.931	4.26
85)	T	sec-Butylbenzene	4.295	4.190	4.036	3.885	3.902	4.027	4.056	3.97
86)	T	p-Isopropyltol...	3.446	3.401	3.216	3.123	3.175	3.296	3.276	3.90
87)	T	1,3-Dichlorobe...	1.746	1.740	1.643	1.541	1.555	1.553	1.630	5.83
88)	T	1,4-Dichlorobe...	1.830	1.757	1.652	1.558	1.538	1.552	1.648	7.41
89)	T	n-Butylbenzene	3.446	3.329	3.195	3.055	3.104	3.204	3.222	4.48
90)	T	Hexachloroethane	0.591	0.556	0.552	0.554	0.579	0.595	0.571	3.48
91)	T	1,2-Dichlorobe...	1.591	1.545	1.492	1.372	1.390	1.362	1.458	6.70
92)	T	1,2-Dibromo-3-...	0.108	0.119	0.098	0.095	0.098	0.100	0.103	8.82
93)	T	1,2,4-Trichlor...	0.969	0.964	0.908	0.915	0.954	0.948	0.943	2.70
94)	T	Hexachlorobuta...	0.491	0.445	0.455	0.460	0.480	0.490	0.470	4.19
95)	T	Naphthalene	1.835	1.791	1.898	1.834	1.903	1.850	1.852	2.30
96)	T	1,2,3-Trichlor...	0.835	0.790	0.815	0.797	0.824	0.827	0.815	2.17

(#) = Out of Range



Response = 1.742e-001 * Amt + 1.614e-002
Coef of Det (r^2) = 0.999224 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Calibration Table Last Updated: Tue Jan 10 03:36:33 2023



Response = 5.730e-001 * Amt + 5.703e-002
Coef of Det (r^2) = 0.998254 Curve Fit: Linear
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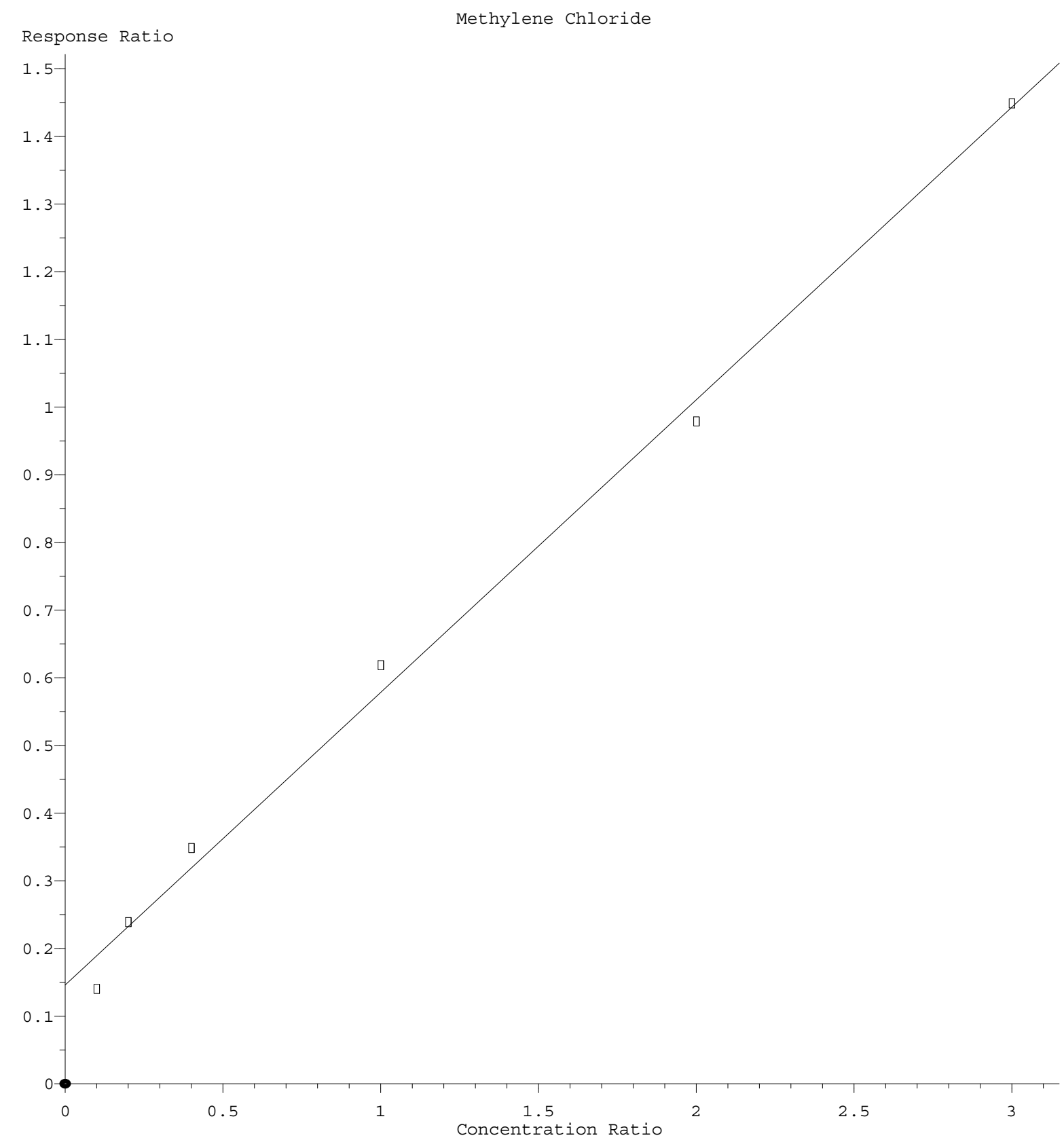
Calibration Table Last Updated: Tue Jan 10 03:36:33 2023



Response = 4.324e-001 * Amt + 1.461e-001
Coef of Det (r^2) = 0.995263 Curve Fit: Linear
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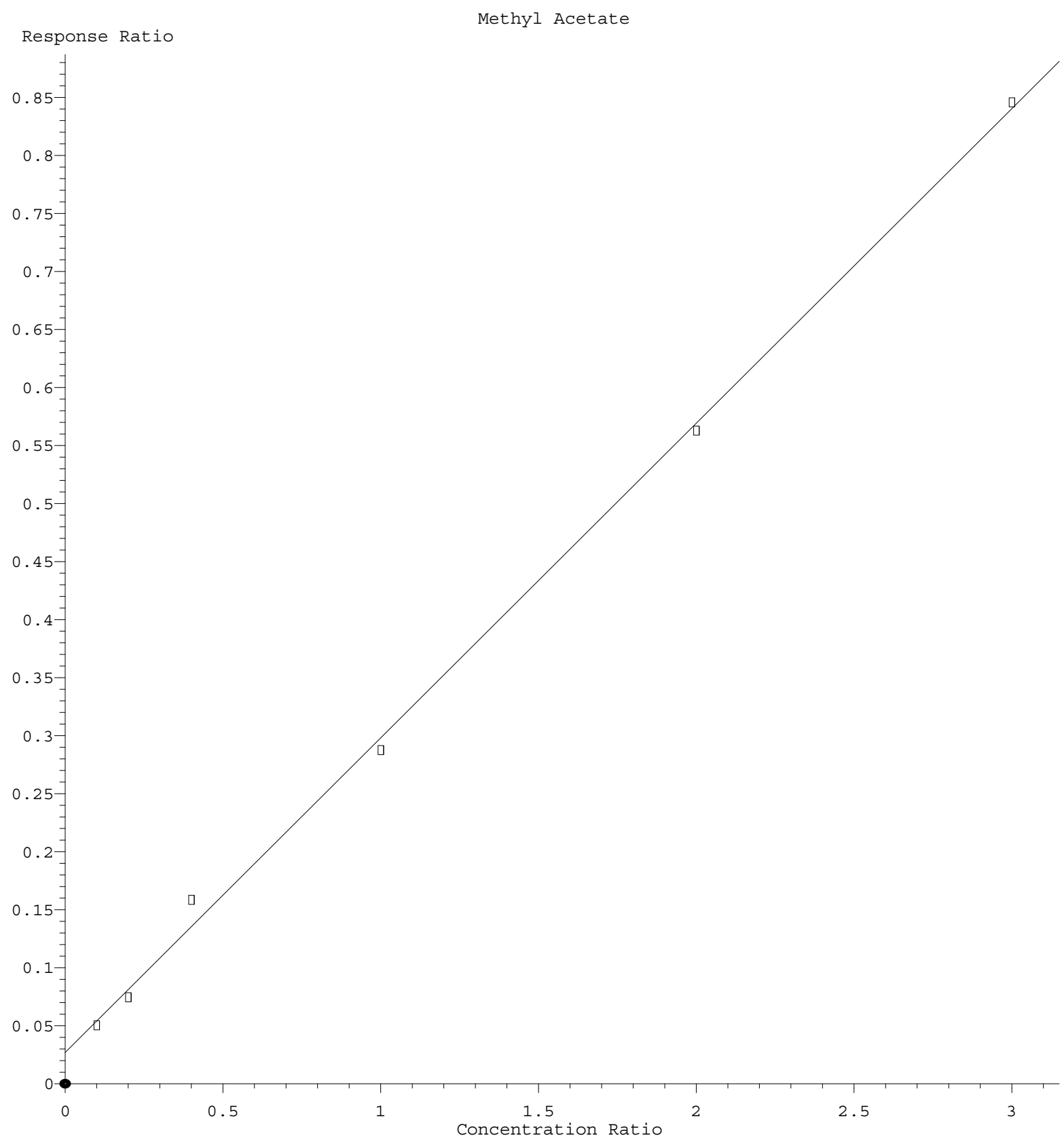
Calibration Table Last Updated: Tue Jan 10 03:36:33 2023



Response = 2.710e-001 * Amt + 2.732e-002
Coef of Det (r^2) = 0.998441 Curve Fit: Linear
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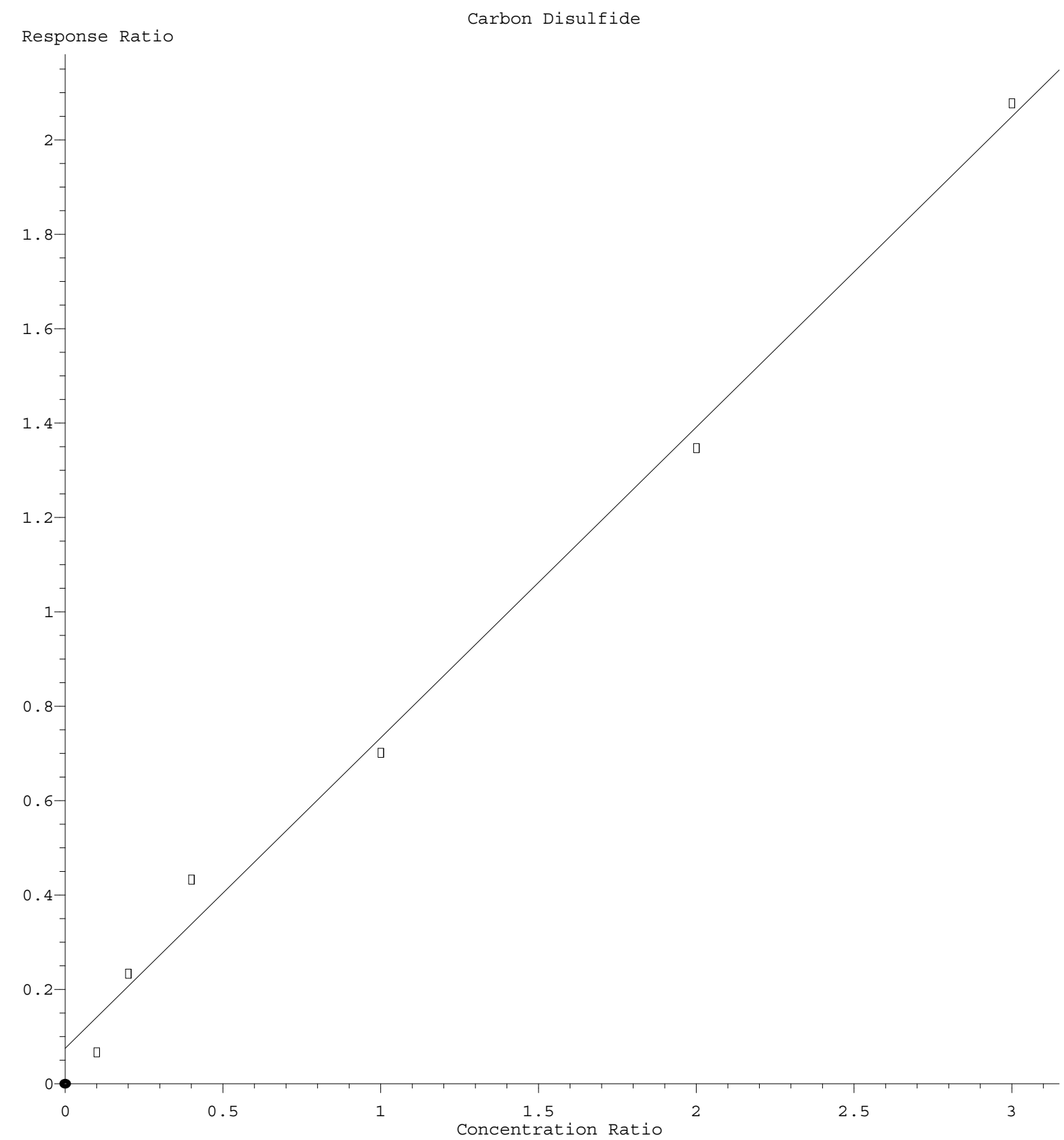
Calibration Table Last Updated: Tue Jan 10 03:36:33 2023



Response = 6.582e-001 * Amt + 7.460e-002
Coef of Det (r^2) = 0.993553 Curve Fit: Linear
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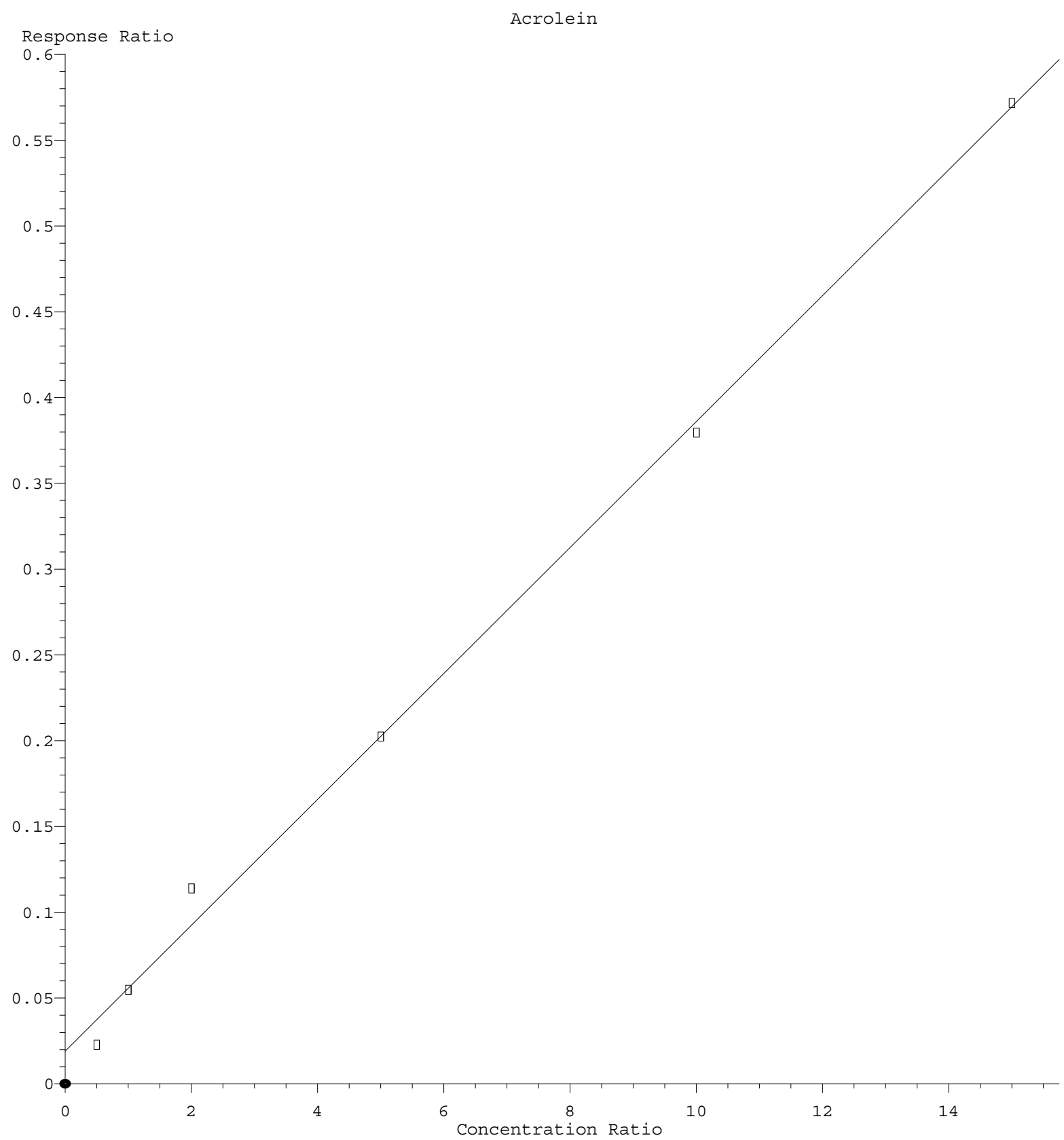
Calibration Table Last Updated: Tue Jan 10 03:36:33 2023



Response = 3.666e-002 * Amt + 1.945e-002
Coef of Det (r^2) = 0.996830 Curve Fit: Linear
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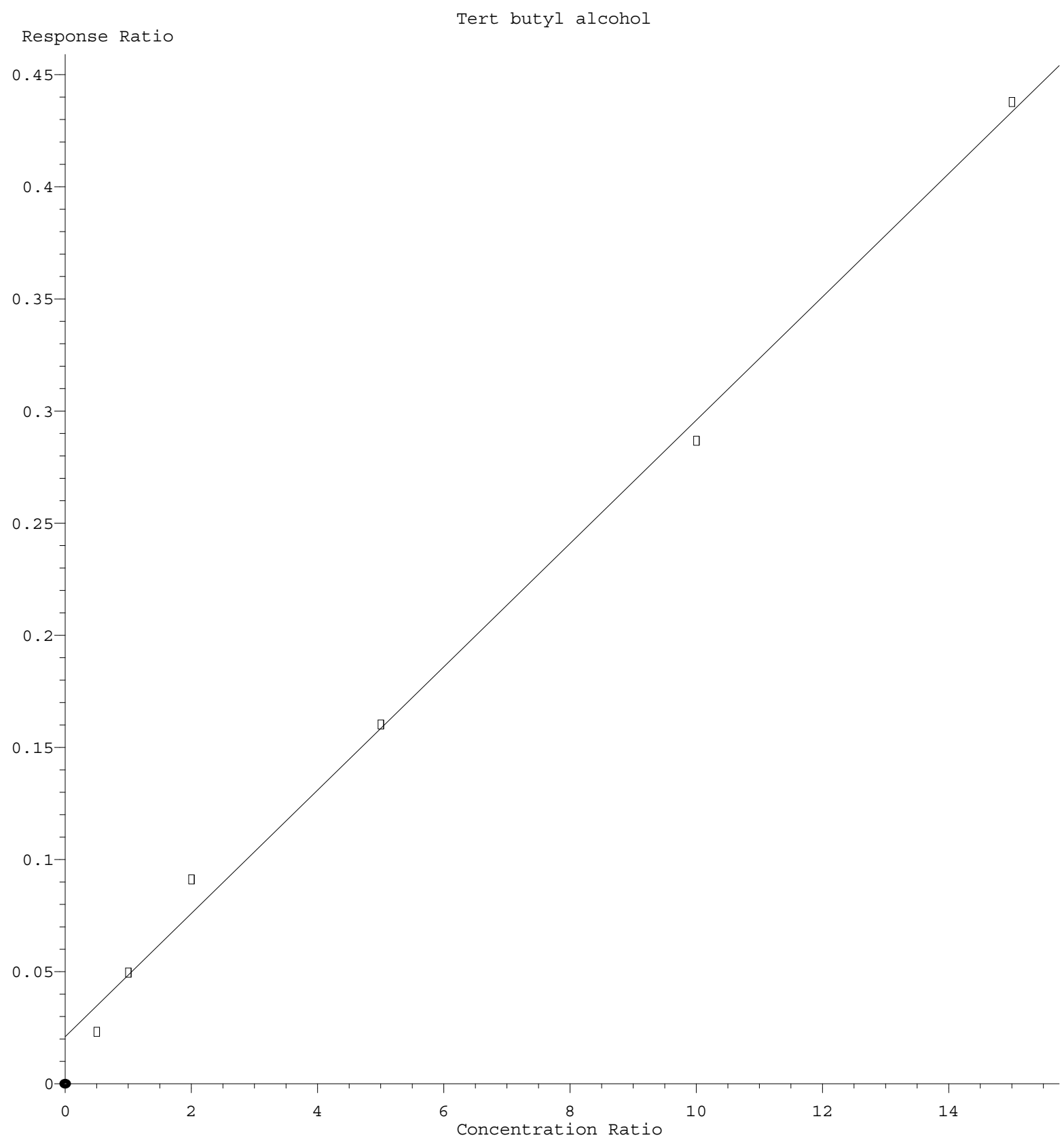
Calibration Table Last Updated: Tue Jan 10 03:36:33 2023



Response = 2.749e-002 * Amt + 2.126e-002
Coef of Det (r^2) = 0.996310 Curve Fit: Linear
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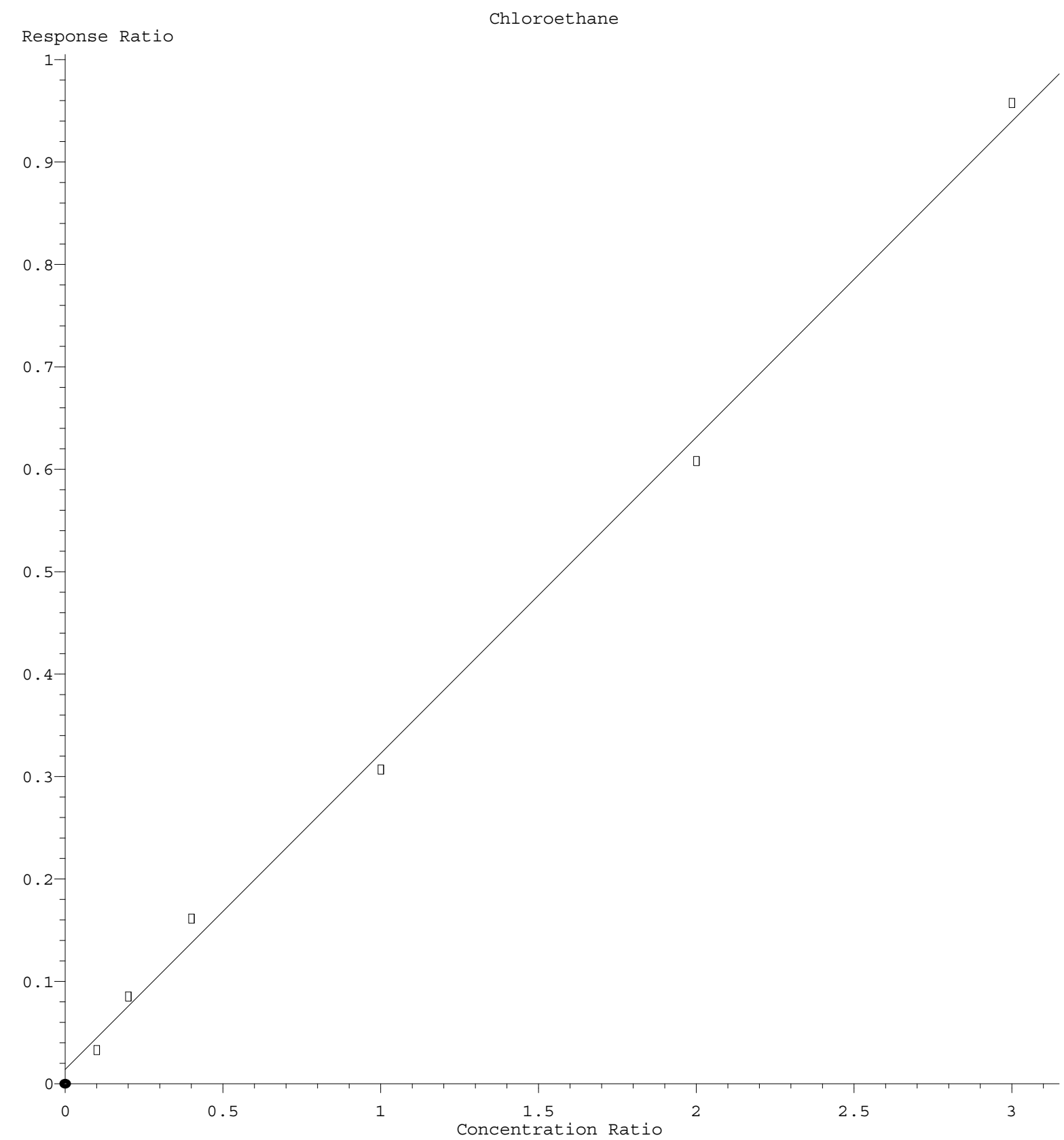
Calibration Table Last Updated: Tue Jan 10 03:36:33 2023



Response = 3.088e-001 * Amt + 1.380e-002
Coef of Det (r^2) = 0.997039 Curve Fit: Linear
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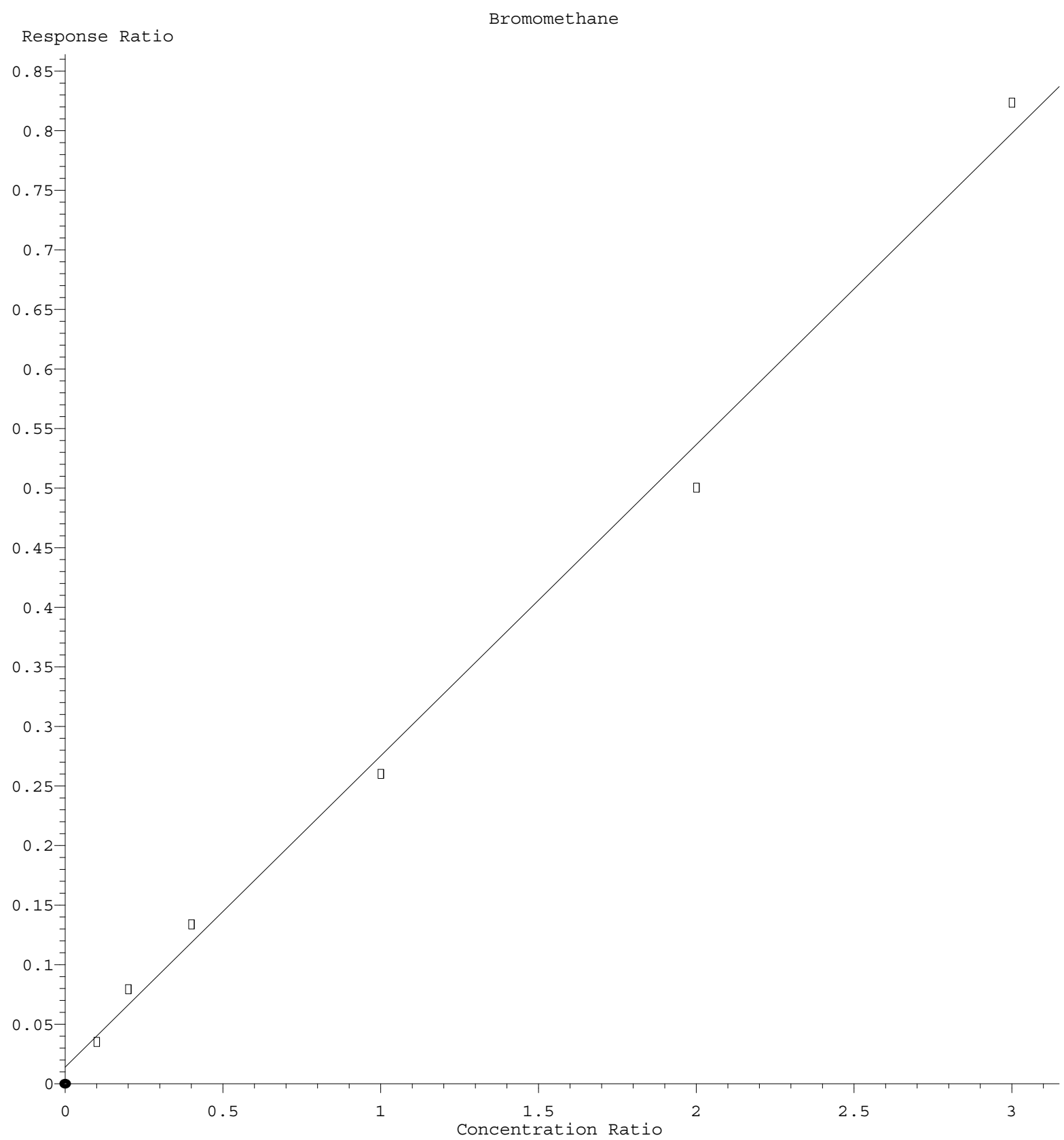
Calibration Table Last Updated: Tue Jan 10 03:36:33 2023



Response = 2.613e-001 * Amt + 1.357e-002
Coef of Det (r^2) = 0.994314 Curve Fit: Linear
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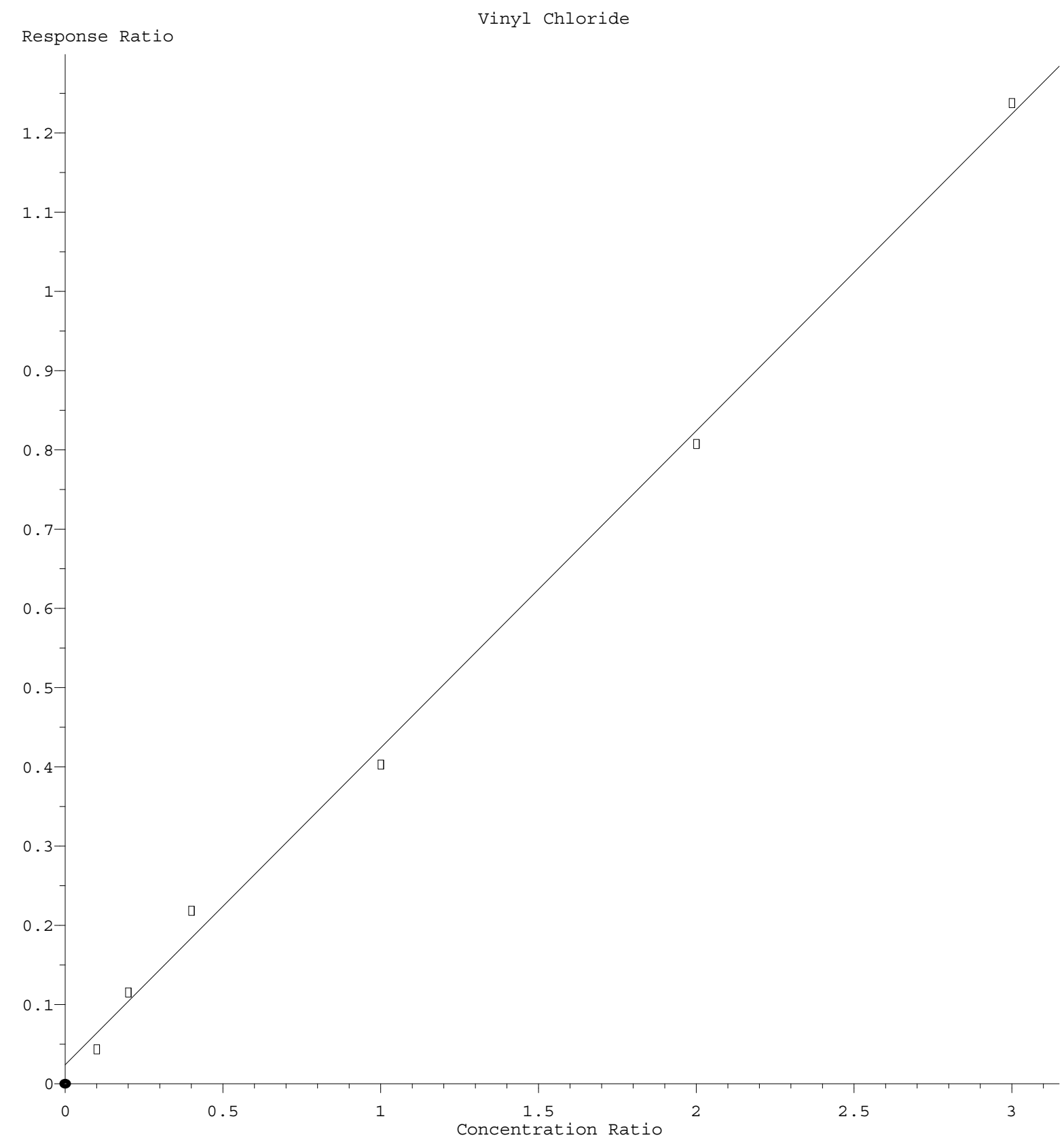
Calibration Table Last Updated: Tue Jan 10 03:36:33 2023



Response = 3.999e-001 * Amt + 2.422e-002
Coef of Det (r^2) = 0.997556 Curve Fit: Linear
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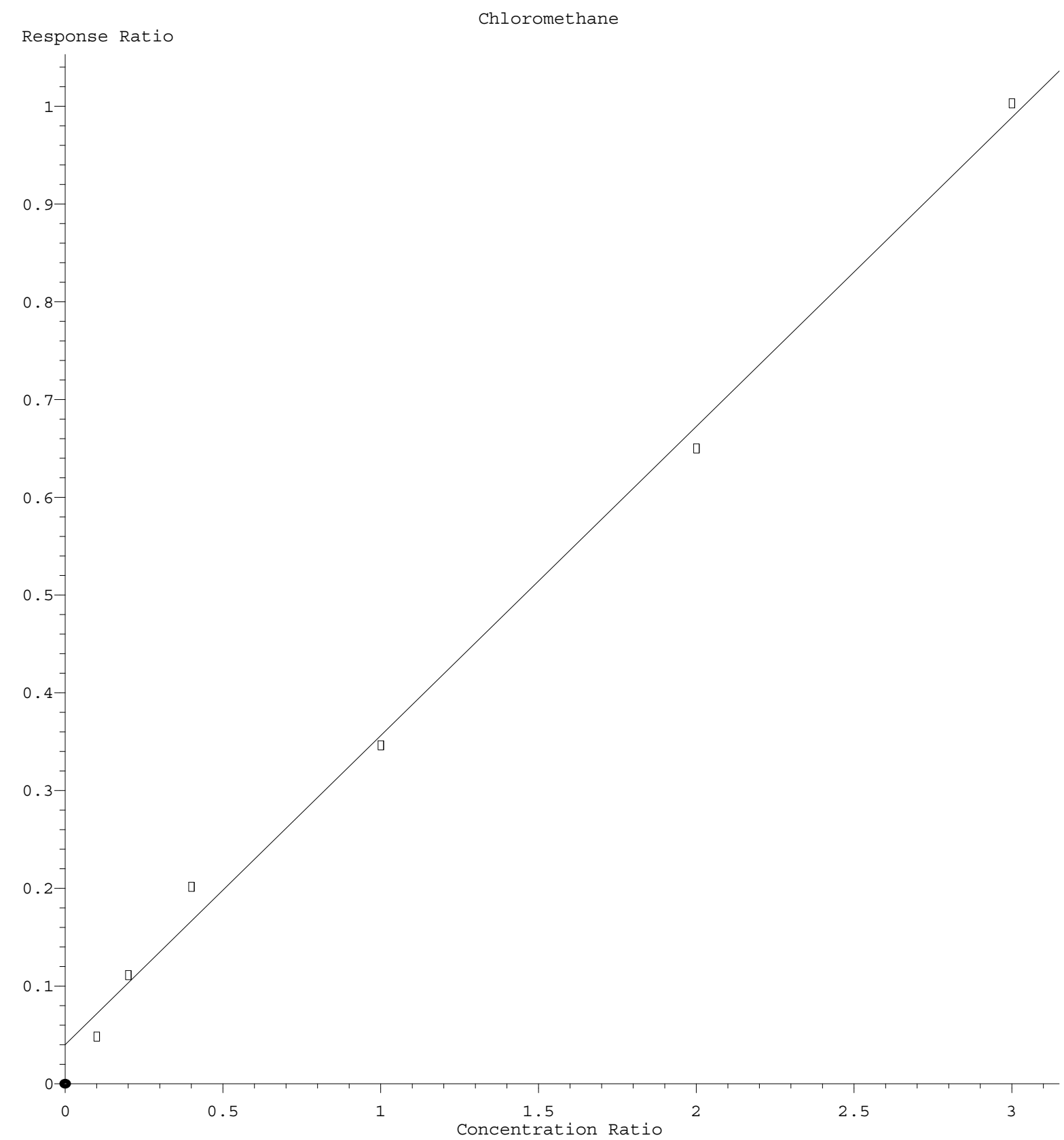

Response = 3.162e-001 * Amt + 4.022e-002
Coef of Det (r^2) = 0.996087 Curve Fit: Linear
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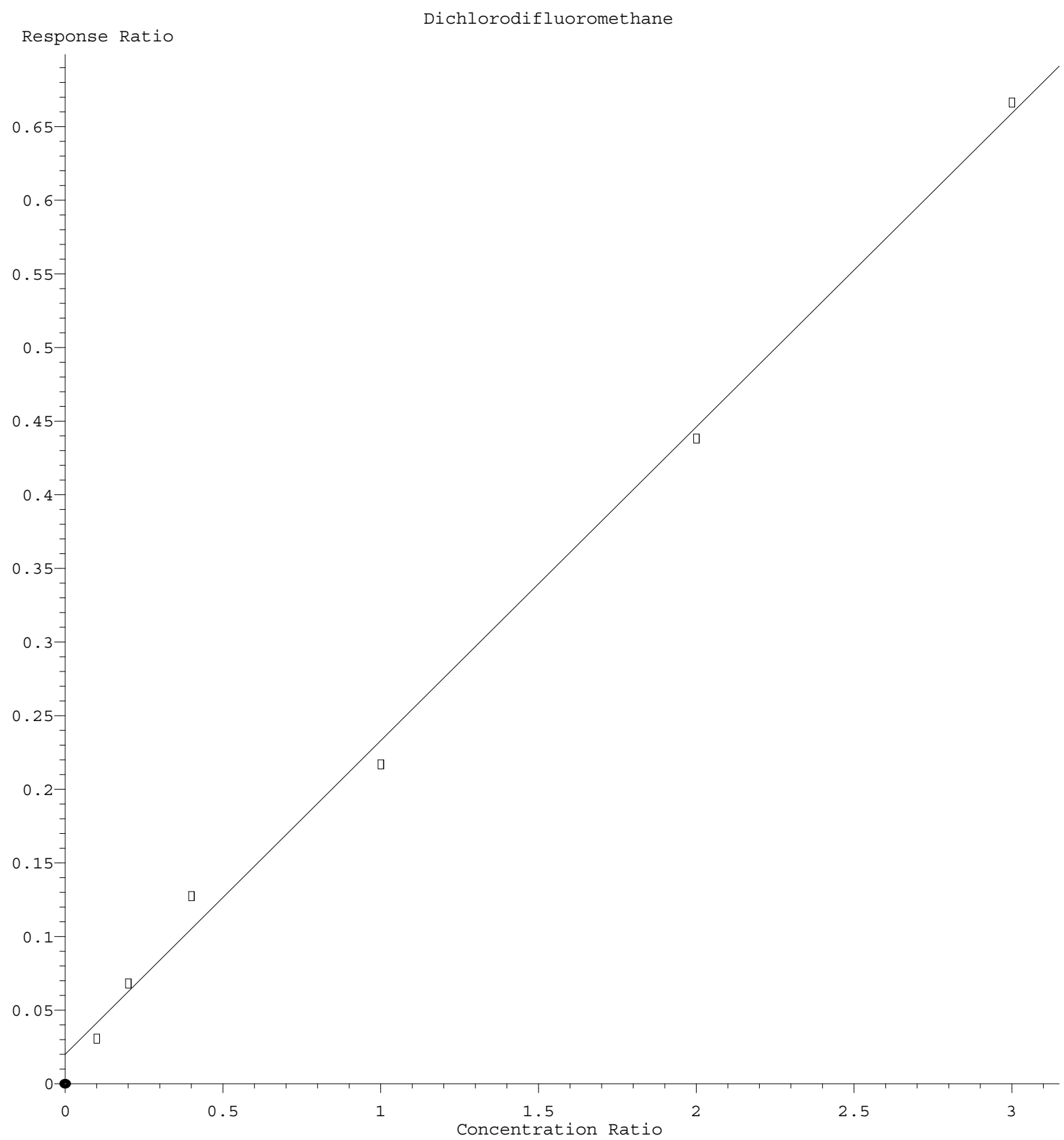
Calibration Table Last Updated: Tue Jan 10 03:36:33 2023



Response = 2.128e-001 * Amt + 2.028e-002
Coef of Det (r^2) = 0.996698 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
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