Response Factor Report MSVOA_V

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
Method File : 82V082125W.M
Title : SW846 8260
Last Update : Fri Aug 22 04:15:04 2025
Response Via : Initial Calibration

Calibration Files
1 =VV038973.D 5 =VV038974.D 10 =VV038979.D 20 =VV038975.D 50 =VV038976.D 100 =VV038977.D

		Compound	1	5	10	20	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.952	0.756	0.747	0.675	0.722	0.633	0.747	14.74
3)	P	Chloromethane	0.878	0.853	0.769	0.712	0.768	0.654	0.772	10.90
4)	C	Vinyl Chloride	0.985	0.849	0.829	0.688	0.823	0.714	0.815	13.06#
5)	T	Bromomethane		0.459	0.482	0.389	0.448	0.423	0.440	8.08
6)	T	Chloroethane	0.346	0.559	0.448	0.365	0.414	0.359	0.415	19.34
7)	T	Trichlorofluor...	1.342	1.178	1.102	1.026	1.088	0.961	1.116	11.89
8)	T	Diethyl Ether	0.448	0.347	0.335	0.308	0.319	0.302	0.343	15.81
9)	T	1,1,2-Trichlor...	0.823	0.628	0.619	0.558	0.554	0.513	0.616	17.89
10)	T	Methyl Iodide		0.776	0.810	0.746	0.783	0.717	0.766	4.66
11)	T	Tert butyl alc...		0.083	0.109	0.102	0.094	0.086	0.095	11.48
12)	CM	1,1-Dichloroet...	0.675	0.593	0.586	0.519	0.536	0.495	0.567	11.44#
13)	T	Acrolein		0.080	0.029	0.034	0.029	0.030	0.041	54.81
14)	T	Allyl chloride	0.871	0.774	0.797	0.720	0.710	0.675	0.758	9.36
15)	T	Acrylonitrile	0.307	0.242	0.312	0.328	0.273	0.259	0.287	11.79
16)	T	Acetone	0.390	0.264	0.284	0.261	0.249	0.242	0.282	19.48
17)	T	Carbon Disulfide	1.825	1.631	1.709	1.475	1.476	1.354	1.578	11.06
18)	T	Methyl Acetate	0.610	0.589	0.630	0.638	0.560	0.554	0.597	5.92
19)	T	Methyl tert-bu...	1.629	1.485	1.832	1.792	1.715	1.614	1.678	7.64
20)	T	Methylene Chlo...	0.805	0.659	0.668	0.694	0.581	0.519	0.654	14.99
21)	T	trans-1,2-Dich...	0.577	0.577	0.651	0.640	0.573	0.529	0.591	7.78
22)	T	Diisopropyl ether	1.738	1.228	2.001	1.766	1.444	1.804	1.664	16.74
23)	T	Vinyl Acetate	1.218	1.051	1.583	1.442	1.227	1.487	1.335	15.06
24)	P	1,1-Dichloroet...	1.293	1.028	1.288	1.122	0.940	0.941	1.102	14.58
25)	T	2-Butanone	0.285	0.336	0.442	0.397	0.332	0.406	0.366	15.90
26)	T	2,2-Dichloropr...	1.236	1.047	1.118	1.022	0.932	0.988	1.057	10.13
27)	T	cis-1,2-Dichlo...	0.725	0.710	0.806	0.686	0.640	0.712	0.713	7.64
28)	T	Bromochloromet...	0.463	0.419	0.271	0.283	0.221	0.266	0.320	30.22
29)	T	Tetrahydrofuran	0.229	0.220	0.291	0.255	0.209	0.263	0.245	12.53
30)	C	Chloroform	1.373	1.345	1.347	1.244	1.096	1.150	1.259	9.17#
31)	T	Cyclohexane		1.084	1.109	0.955	0.808	0.961	0.983	12.24
32)	T	1,1,1-Trichlor...	1.408	1.248	1.246	1.107	1.038	1.051	1.183	12.14
33)	S	1,2-Dichloroet...		0.815	0.707	0.696	0.643	0.647	0.702	9.90
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.420	0.377	0.386	0.346	0.347	0.375	8.19
36)	T	1,1-Dichloropr...	0.541	0.421	0.532	0.494	0.453	0.481	0.487	9.42
37)	T	Ethyl Acetate	0.429	0.543	0.520	0.476	0.391	0.495	0.476	11.95
38)	T	Carbon Tetrach...	0.725	0.726	0.660	0.608	0.616	0.577	0.652	9.65
39)	T	Methylcyclohexane	0.574	0.590	0.649	0.612	0.632	0.677	0.622	6.10
40)	TM	Benzene	1.383	1.558	1.667	1.602	1.430	1.510	1.525	6.97
41)	T	Methacrylonitrile	0.160	0.128	0.181	0.187	0.185	0.235	0.179	19.69
42)	TM	1,2-Dichloroet...	0.602	0.597	0.580	0.546	0.514	0.506	0.558	7.50
43)	T	Isopropyl Acetate	0.795	0.619	0.770	0.717	0.670	0.784	0.726	9.66
44)	TM	Trichloroethene	0.444	0.433	0.433	0.392	0.391	0.389	0.414	6.22
45)	C	1,2-Dichloropr...	0.341	0.335	0.425	0.397	0.330	0.366	0.366	10.50#
46)	T	Dibromomethane	0.354	0.305	0.319	0.300	0.280	0.284	0.307	8.86
47)	T	Bromodichlorom...	0.686	0.635	0.657	0.616	0.584	0.571	0.625	7.00
48)	T	Methyl methacr...	0.342	0.238	0.337	0.322	0.326	0.387	0.325	15.03
49)	T	1,4-Dioxane	0.005	0.005	0.007	0.006	0.005	0.006	0.005	12.42
50)	S	Toluene-d8		1.355	1.253	1.346	1.338	1.246	1.308	4.07
51)	T	4-Methyl-2-Pen...	0.327	0.440	0.549	0.525	0.505	0.514	0.477	17.14
52)	CM	Toluene	0.791	0.916	1.026	1.009	1.070	0.984	0.966	10.32#
53)	T	t-1,3-Dichloro...	0.539	0.509	0.591	0.567	0.696	0.602	0.584	11.06
54)	T	cis-1,3-Dichlo...	0.502	0.572	0.660	0.634	0.628	0.635	0.605	9.62
55)	T	1,1,2-Trichlor...	0.404	0.432	0.427	0.417	0.466	0.381	0.421	6.82
56)	T	Ethyl methacry...	0.283	0.394	0.512	0.507	0.664	0.602	0.494	28.00

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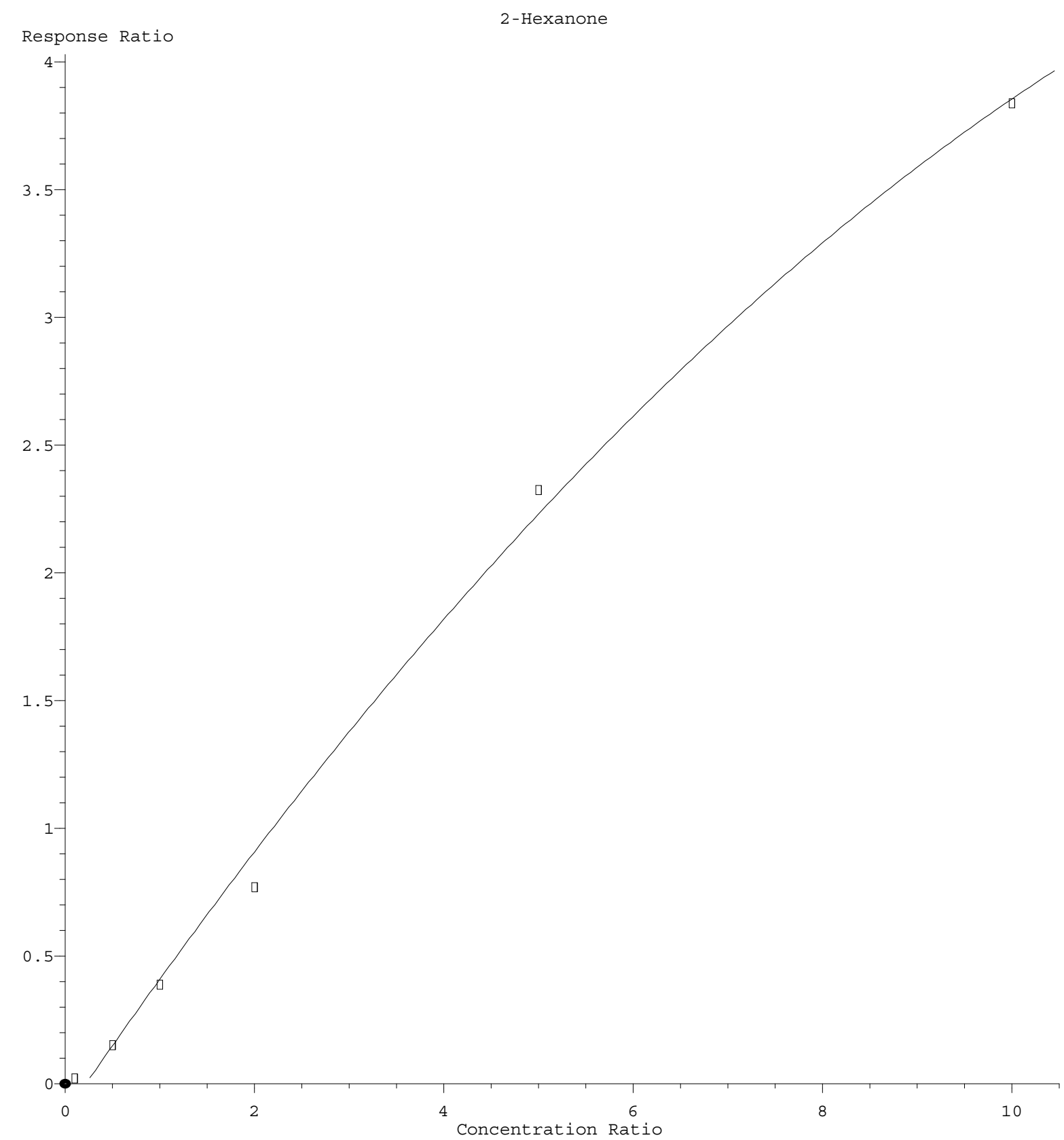
57)	T	1,3-Dichloropr...	0.554	0.644	0.705	0.656	0.757	0.624	0.657	10.57
58)	T	2-Chloroethyl ...	0.142	0.180	0.271	0.285	0.296	0.312	0.248	28.14
59)	T	2-Hexanone	0.208	0.302	0.388	0.385	0.465	0.384	0.355	24.92
60)	T	Dibromochlorom...	0.498	0.522	0.516	0.495	0.559	0.462	0.509	6.38
61)	T	1,2-Dibromoethane	0.367	0.437	0.459	0.442	0.498	0.417	0.437	10.01
62)	S	4-Bromofluorob...		0.425	0.459	0.472	0.559	0.477	0.478	10.34
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.359	0.382	0.397	0.368	0.364	0.362	0.372	3.95
65)	PM	Chlorobenzene	1.265	1.206	1.291	1.166	1.163	1.142	1.206	5.01
66)	T	1,1,1,2-Tetrac...	0.435	0.447	0.463	0.426	0.420	0.407	0.433	4.63
67)	C	Ethyl Benzene	1.654	1.659	1.931	1.848	1.952	1.998	1.840	8.16#
68)	T	m/p-Xylenes	0.574	0.615	0.769	0.762	0.784	0.785	0.715	13.23
69)	T	o-Xylene	0.529	0.572	0.686	0.669	0.712	0.740	0.651	12.72
70)	T	Styrene	0.853	0.911	1.143	1.210	1.291	1.298	1.118	17.18
71)	P	Bromoform	0.369	0.360	0.365	0.351	0.350	0.344	0.357	2.68
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.332	2.780	3.573	3.605	3.326	3.515	3.355	9.12
74)	T	N-amyl acetate	1.236	1.010	1.258	1.261	1.242	1.369	1.229	9.59
75)	P	1,1,2,2-Tetrac...	1.745	1.323	1.368	1.324	1.111	1.122	1.332	17.28
76)	T	1,2,3-Trichlor...	0.956	0.908	0.990	0.957	0.850	0.903	0.927	5.42
77)	T	Bromobenzene	0.867	0.823	0.928	0.910	0.805	0.839	0.862	5.67
78)	T	n-propylbenzene	3.733	3.378	4.272	4.366	4.060	4.227	4.006	9.48
79)	T	2-Chlorotoluene	2.071	2.229	2.626	2.668	2.365	2.471	2.405	9.60
80)	T	1,3,5-Trimethy...	2.731	2.426	3.000	2.831	2.917	3.037	2.824	7.95
81)	T	trans-1,4-Dich...		0.340	0.428	0.418	0.404	0.430	0.404	9.28
82)	T	4-Chlorotoluene	2.560	2.444	3.092	2.732	2.847	2.957	2.772	8.79
83)	T	tert-Butylbenzene	2.820	2.593	2.914	2.648	2.825	3.022	2.804	5.74
84)	T	1,2,4-Trimethy...	2.539	2.184	2.888	2.712	2.878	3.012	2.702	11.18
85)	T	sec-Butylbenzene	3.617	3.205	3.874	3.572	3.720	3.889	3.646	6.91
86)	T	p-Isopropyltol...	2.854	2.661	3.354	3.088	3.170	3.296	3.071	8.69
87)	T	1,3-Dichlorobe...	1.735	1.691	1.841	1.660	1.623	1.663	1.702	4.56
88)	T	1,4-Dichlorobe...	1.999	1.803	2.011	1.733	1.666	1.683	1.816	8.50
89)	T	n-Butylbenzene	2.978	2.550	3.030	3.151	3.041	3.200	2.992	7.74
90)	T	Hexachloroethane	0.828	0.727	0.720	0.721	0.620	0.641	0.710	10.39
91)	T	1,2-Dichlorobe...	1.685	1.559	1.702	1.707	1.521	1.564	1.623	5.17
92)	T	1,2-Dibromo-3-...	0.287	0.261	0.242	0.274	0.236	0.255	0.259	7.39
93)	T	1,2,4-Trichlor...	0.938	0.865	0.965	1.004	0.973	1.065	0.969	6.89
94)	T	Hexachlorobuta...	0.593	0.477	0.507	0.520	0.444	0.456	0.499	10.82
95)	T	Naphthalene	2.756	2.407	3.002	3.131	3.340	3.702	3.057	14.76
96)	T	1,2,3-Trichlor...	0.878	0.847	1.028	1.059	0.983	1.064	0.977	9.55

(#) = Out of Range



R = -1.447e-002 A*A + 5.419e-001 A - 1.174e-001
Coef of Det (r^2) = 0.996882 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V082125W.M
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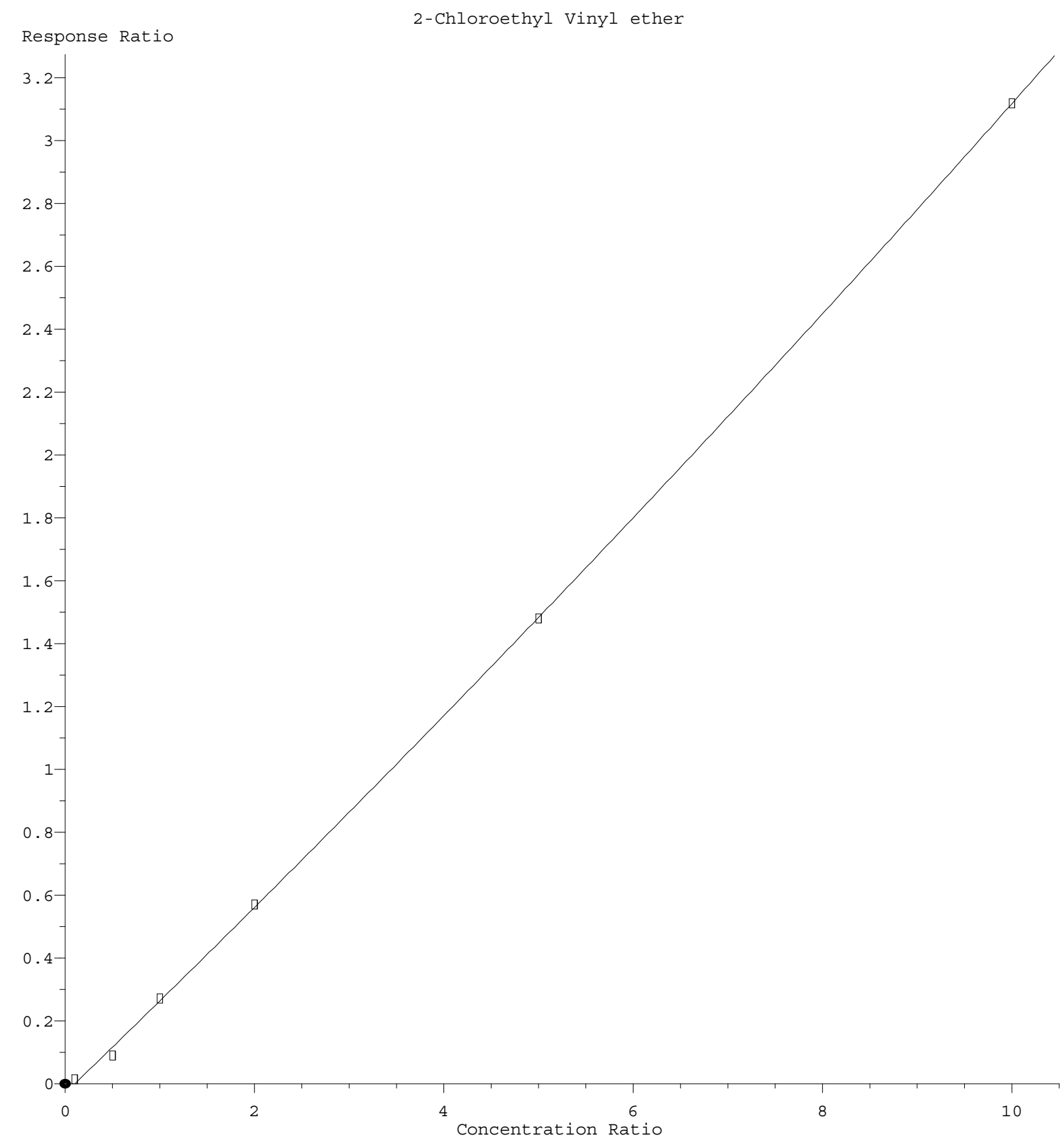
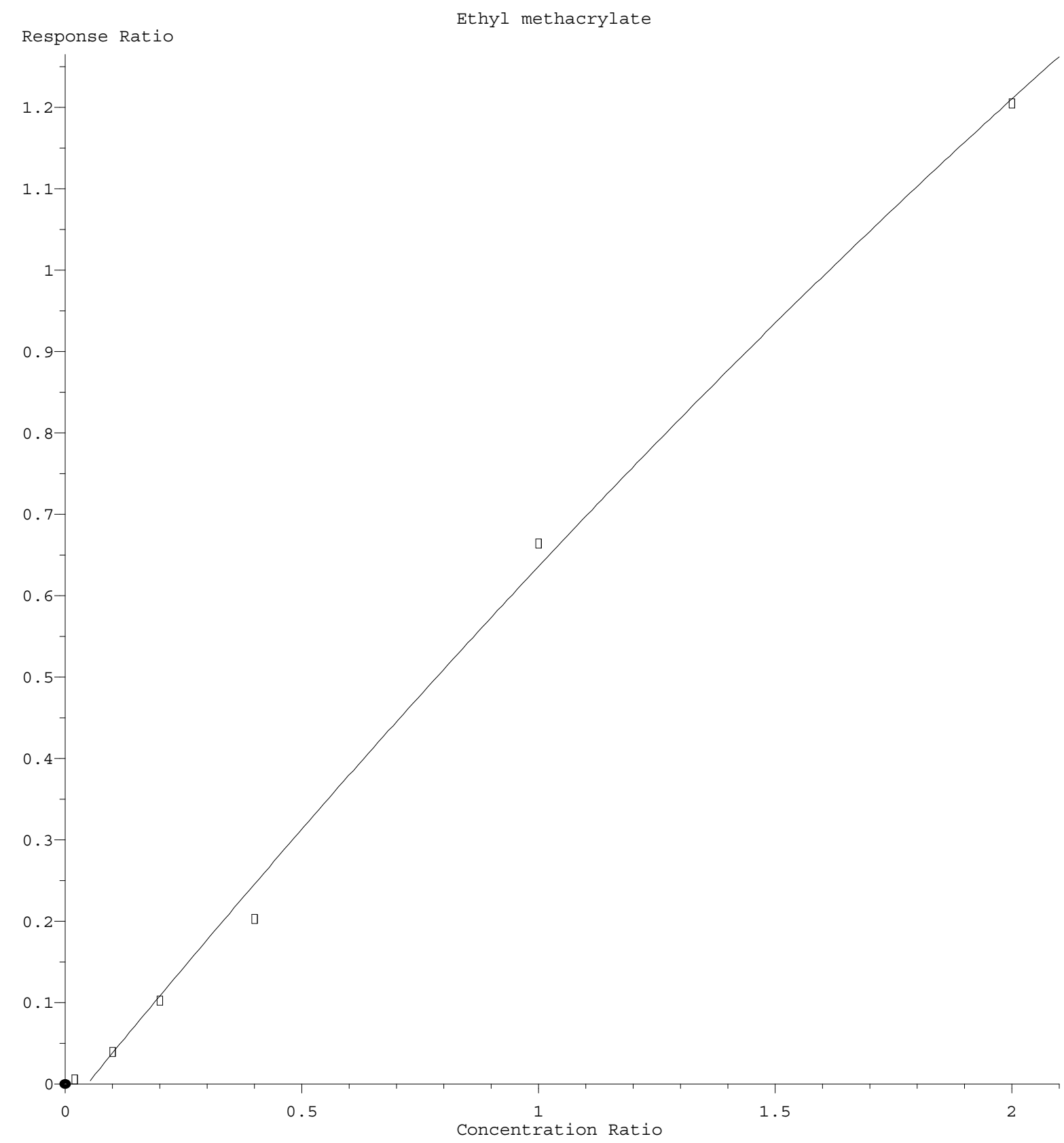
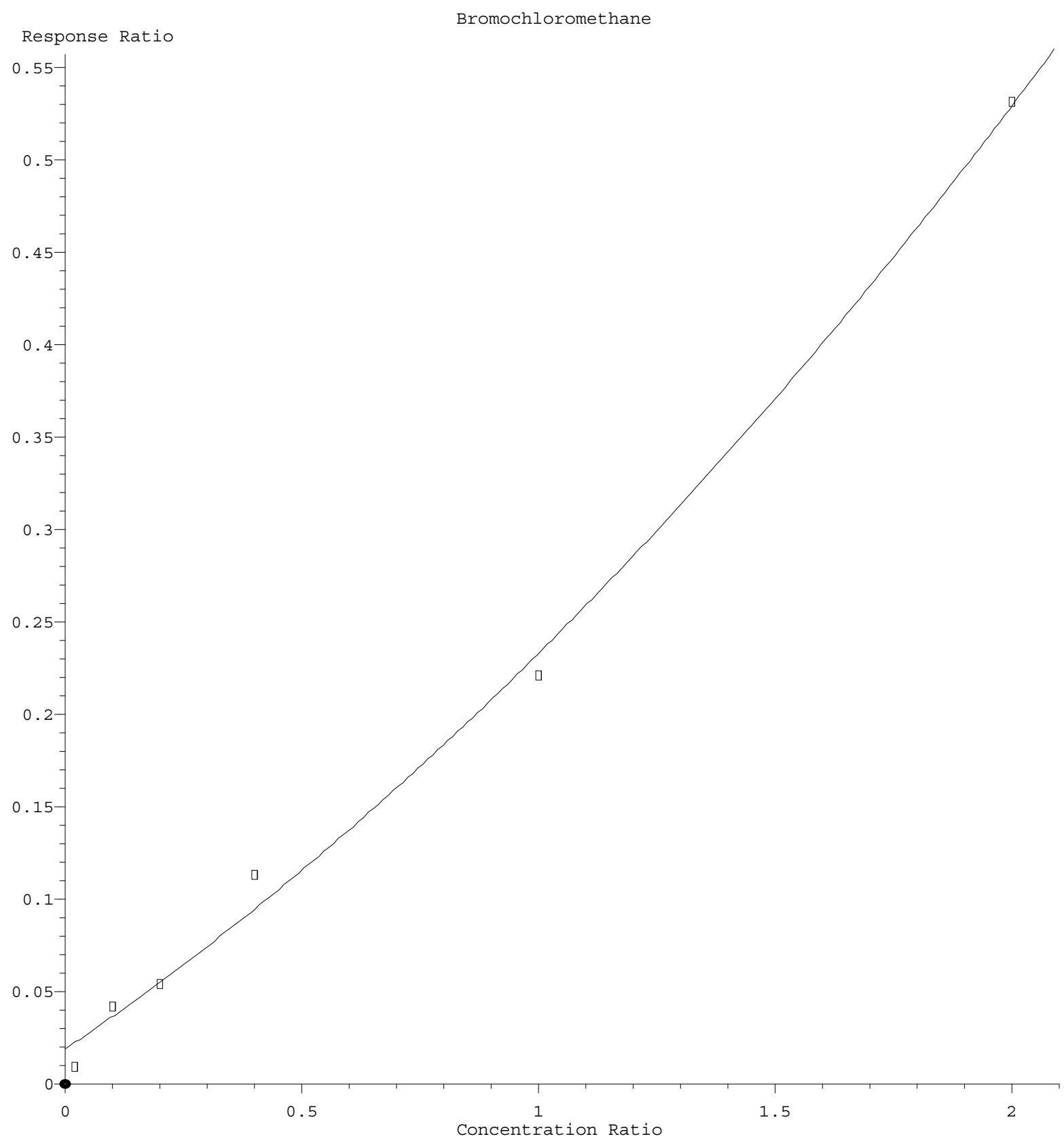


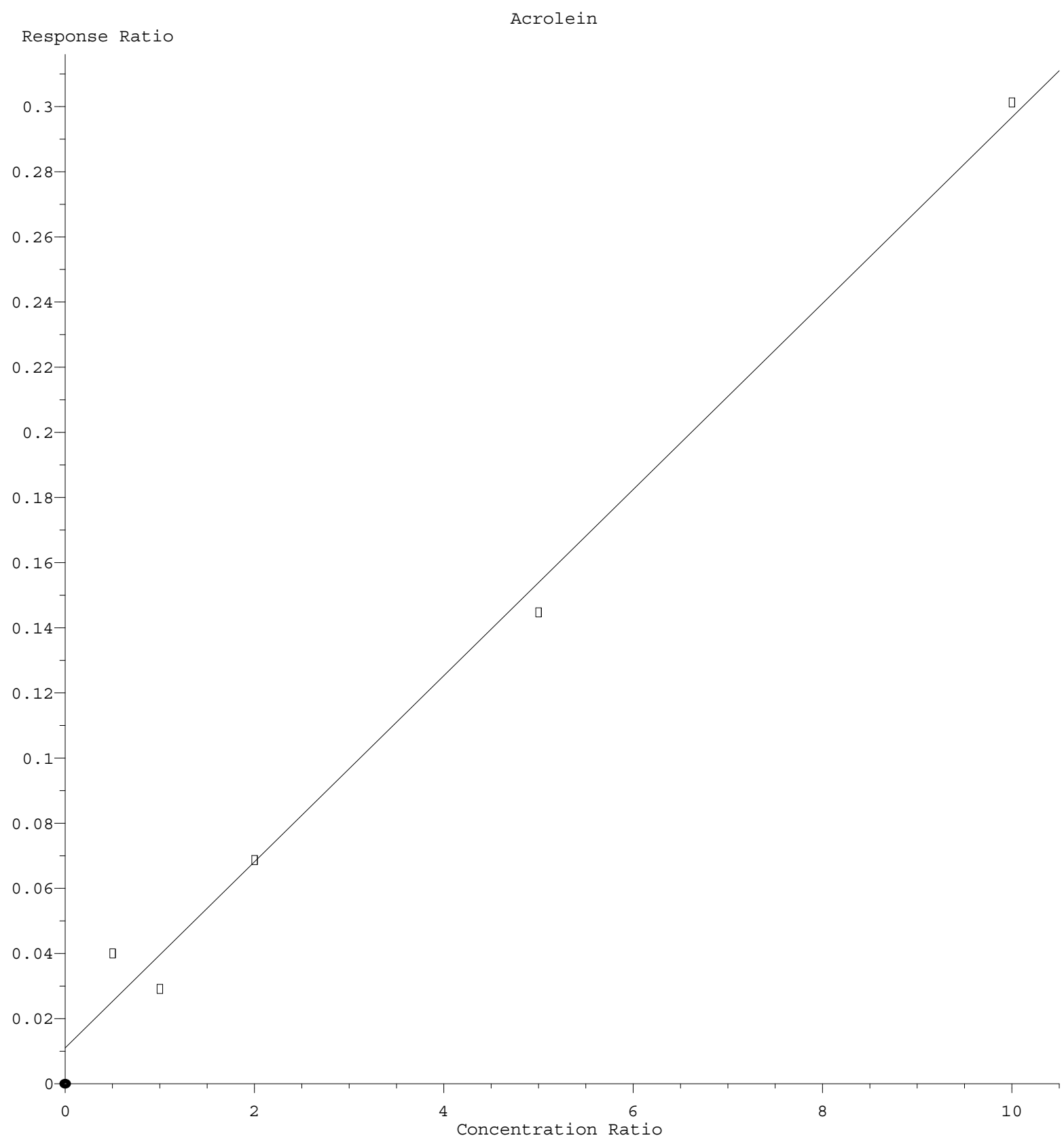
R = 2.438e-003 A*A + 2.903e-001 A - 2.897e-002
Coef of Det (r^2) = 0.999851 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V082125W.M
Calibration Table Last Updated: Fri Aug 22 04:15:04 2025



R = -4.716e-002 A*A + 7.159e-001 A - 3.305e-002
Coef of Det (r^2) = 0.997058 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V082125W.M
Calibration Table Last Updated: Fri Aug 22 04:15:04 2025



R = 4.102e-002 A*A + 1.731e-001 A + 1.887e-002
Coef of Det (r^2) = 0.996398 Curve Fit: Quadratic
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V082125W.M
Calibration Table Last Updated: Fri Aug 22 04:15:04 2025



Response = 2.852e-002 * Amt + 1.123e-002
Coef of Det (r^2) = 0.991499 Curve Fit: Linear
Method Name: Z:\voasrv\HPCHEM1\MSVOA V\Method\82V082125W.M
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