

User: Cai, Jian
Westchester Dept. of Labs & Research
Date: 09/19/2001 Time: 14:42:09

Sample: AD22171
Analysis: SC1531 Methylcarbamate Pesticides
Units: ug
Started: 9/18/01 16:00 Ended: 9/19/01 06:00 Analyst: CAI
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Aldicarb sulfoxide		< MDL		2.0
2	Aldicarb sulfone		< MDL		2.0
3	Oxamyl		< MDL		2.0
4	Methomyl		< MDL		0.50
5	3-Hydroxycarbofuran		< MDL		2.0
6	Aldicarb		< MDL		1.0
7	Carbofuran		< MDL		1.5
8	Carbaryl		< MDL		2.0
9	Surr_Promecarb		< MDL		

Peak: 3-Hydroxycarbofuran

	Name	Level	X Value	Response	Calc. Value	% Deviation
1	3-Hydroxycarbofuran	1	2.000000	25375.000000	1.834479	-8.276
2	3-Hydroxycarbofuran	2	10.000000	121813.000000	9.974790	-0.252
3	3-Hydroxycarbofuran	3	20.000000	240588.500000	20.000604	0.003
4	3-Hydroxycarbofuran	4	40.000000	481162.000000	40.307360	0.768
5	3-Hydroxycarbofuran	5	100.000000	1186949.940000	99.882766	-0.117

Peak: Aldicarb

	Name	Level	X Value	Response	Calc. Value	% Deviation
1	Aldicarb	1	2.000000	28516.000000	2.037037	1.852
2	Aldicarb	2	10.000000	135232.000000	9.535783	-4.642
3	Aldicarb	3	20.000000	280970.000000	19.776538	-1.117
4	Aldicarb	4	40.000000	582062.500000	40.933781	2.334
5	Aldicarb	5	100.000000	1418615.000000	99.716861	-0.283

Peak: Carbofuran

	Name	Level	X Value	Response	Calc. Value	% Deviation
1	Carbofuran	1	2.000000	28947.000000	1.908499	-4.575
2	Carbofuran	2	10.000000	141512.131579	9.839175	-1.608
3	Carbofuran	3	20.000000	285139.642857	19.958324	-0.208
4	Carbofuran	4	40.000000	575937.918033	40.446257	1.116
5	Carbofuran	5	100.000000	1419061.059701	99.847745	-0.152

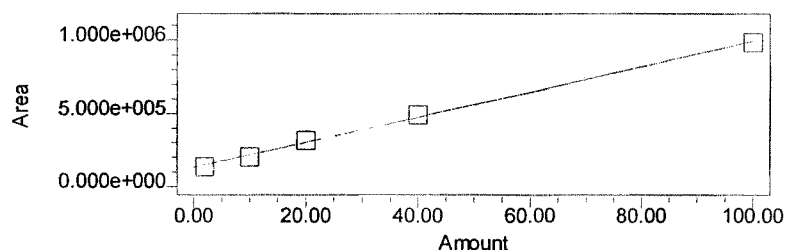
Peak: Carbaryl

	Name	Level	X Value	Response	Calc. Value	% Deviation
1	Carbaryl	1	2.000000	39372.000000	1.860673	-6.966
2	Carbaryl	2	10.000000	203311.500000	10.023930	0.239
3	Carbaryl	3	20.000000	400561.000000	19.845836	-0.771
4	Carbaryl	4	40.000000	813286.500000	40.397224	0.993
5	Carbaryl	5	100.000000	2007702.000000	99.872337	-0.128

Peak: Promecarb

	Name	Level	X Value	Response	Calc. Value	% Deviation
1	Promecarb	1	2.000000	135494.320513	0.835546	-58.223
2	Promecarb	2	10.000000	201166.211538	8.436252	-15.637
3	Promecarb	3	20.000000	315598.950000	21.680420	8.402
4	Promecarb	4	40.000000	491225.430380	42.007005	5.018
5	Promecarb	5	100.000000	984010.671779	99.040778	-0.959

Calibration Plot



Name: Promecarb Processing Method: 531Processing Fit
 Type: Linear Cal Curve Id: 1344 A: 1.282750e+005 B:
 8.640236e+003 C: 0.000000e+000 D: 0.000000e+000 R^2:
 0.998133

Peak: Aldicarb Sulfoxide

	Name	Level	X Value	Response	Calc. Value	% Deviation
1	Aldicarb Sulfoxide	1	2.000000	25095.000000	1.705829	-14.709
2	Aldicarb Sulfoxide	2	10.000000	127451.236607	10.040852	0.409
3	Aldicarb Sulfoxide	3	20.000000	249275.793103	19.961210	-0.194
4	Aldicarb Sulfoxide	4	40.000000	501140.351240	40.470922	1.177
5	Aldicarb Sulfoxide	5	100.000000	1229976.941406	99.821188	-0.179

Peak: Aldicarb Sulfone

	Name	Level	X Value	Response	Calc. Value	% Deviation
1	Aldicarb Sulfone	1	2.000000	26468.100000	1.765223	-11.739
2	Aldicarb Sulfone	2	10.000000	127863.000000	9.789240	-2.108
3	Aldicarb Sulfone	3	20.000000	256913.017241	20.001780	0.009
4	Aldicarb Sulfone	4	40.000000	518429.632231	40.697236	1.743
5	Aldicarb Sulfone	5	100.000000	1264601.621094	99.746521	-0.253

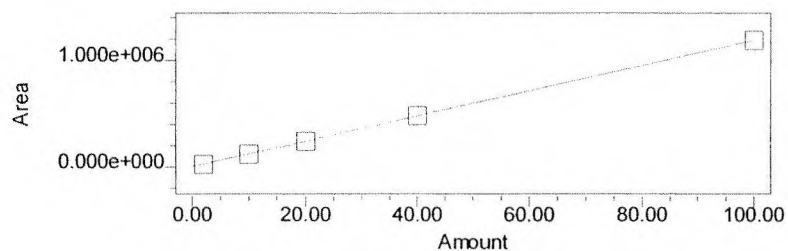
Peak: Oxamyl

	Name	Level	X Value	Response	Calc. Value	% Deviation
1	Oxamyl	1	2.000000	25523.000000	2.180176	9.009
2	Oxamyl	2	10.000000	128591.906250	10.045778	0.458
3	Oxamyl	3	20.000000	253958.724138	19.613024	-1.935
4	Oxamyl	4	40.000000	523109.681818	40.153015	0.383
5	Oxamyl	5	100.000000	1307434.687500	100.008008	0.008

Peak: Methomyl

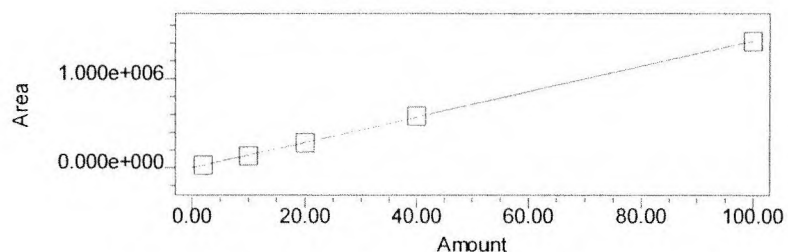
	Name	Level	X Value	Response	Calc. Value	% Deviation
1	Methomyl	1	2.000000	32405.400000	2.127905	6.395
2	Methomyl	2	10.000000	159943.857143	9.940940	-0.591
3	Methomyl	3	20.000000	319349.465517	19.706164	-1.469
4	Methomyl	4	40.000000	655053.334711	40.271461	0.679
5	Methomyl	5	100.000000	1629291.750000	99.953531	-0.046

Calibration Plot



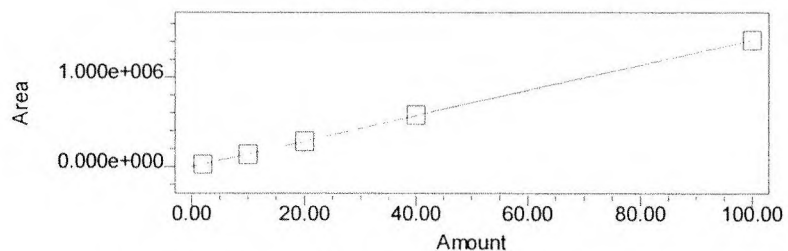
Name: 3-Hydroxycarbofuran Processing Method: 531Processing Fit Type: Linear Cal Curve Id: 1340 A: 3.641982e+003 B: 1.184697e+004 C: 0.000000e+000 D: 0.000000e+000 R^2: 0.999978

Calibration Plot



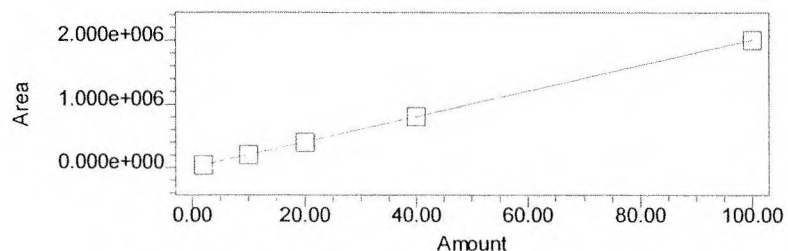
Name: Aldicarb Processing Method: 531Processing Fit Type: Linear Cal Curve Id: 1341 A: -4.734359e+002 B: 1.423118e+004 C: 0.000000e+000 D: 0.000000e+000 R^2: 0.999803

Calibration Plot



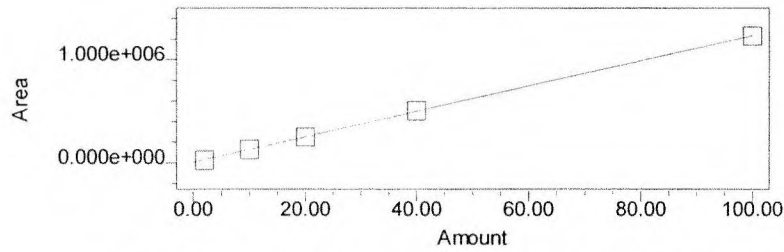
Name: Carbofuran Processing Method: 531Processing Fit Type: Linear Cal Curve Id: 1342 A: 1.858452e+003 B: 1.419364e+004 C: 0.000000e+000 D: 0.000000e+000 R^2: 0.999958

Calibration Plot



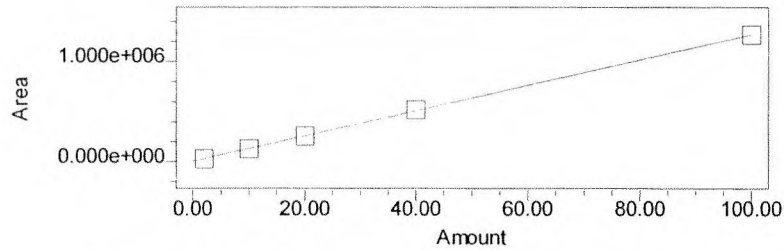
Name: Carbaryl Processing Method: 531Processing Fit Type: Linear Cal Curve Id: 1343 A: 2.004820e+003 B: 2.008261e+004 C: 0.000000e+000 D: 0.000000e+000 R^2: 0.999965

Calibration Plot



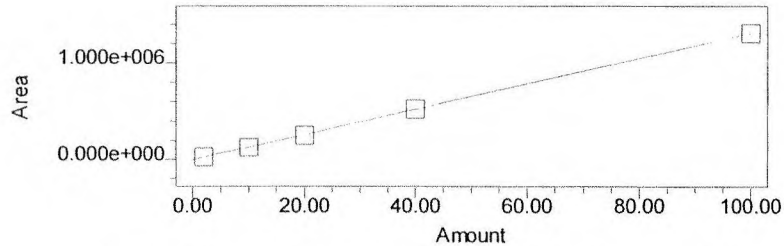
Name: Aldicarb Sulfoxide Processing Method: 531Processing
 Fit Type: Linear Cal Curve Id: 1336 A: 4.146981e+003 B:
 1.228026e+004 C: 0.000000e+000 D: 0.000000e+000 R^2:
 0.999944

Calibration Plot



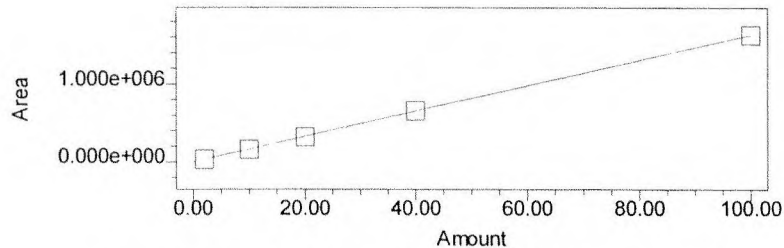
Name: Aldicarb Sulfone Processing Method: 531Processing
 Fit Type: Linear Cal Curve Id: 1337 A: 4.161985e+003 B:
 1.263643e+004 C: 0.000000e+000 D: 0.000000e+000 R^2:
 0.999895

Calibration Plot



Name: Oxamyl Processing Method: 531Processing Fit Type:
 Linear Cal Curve Id: 1338 A: -3.045480e+003 B:
 1.310375e+004 C: 0.000000e+000 D: 0.000000e+000 R^2:
 0.999966

Calibration Plot



Name: Methomyl Processing Method: 531Processing Fit
 Type: Linear Cal Curve Id: 1339 A: -2.330096e+003 B:
 1.632380e+004 C: 0.000000e+000 D: 0.000000e+000 R^2:
 0.999971

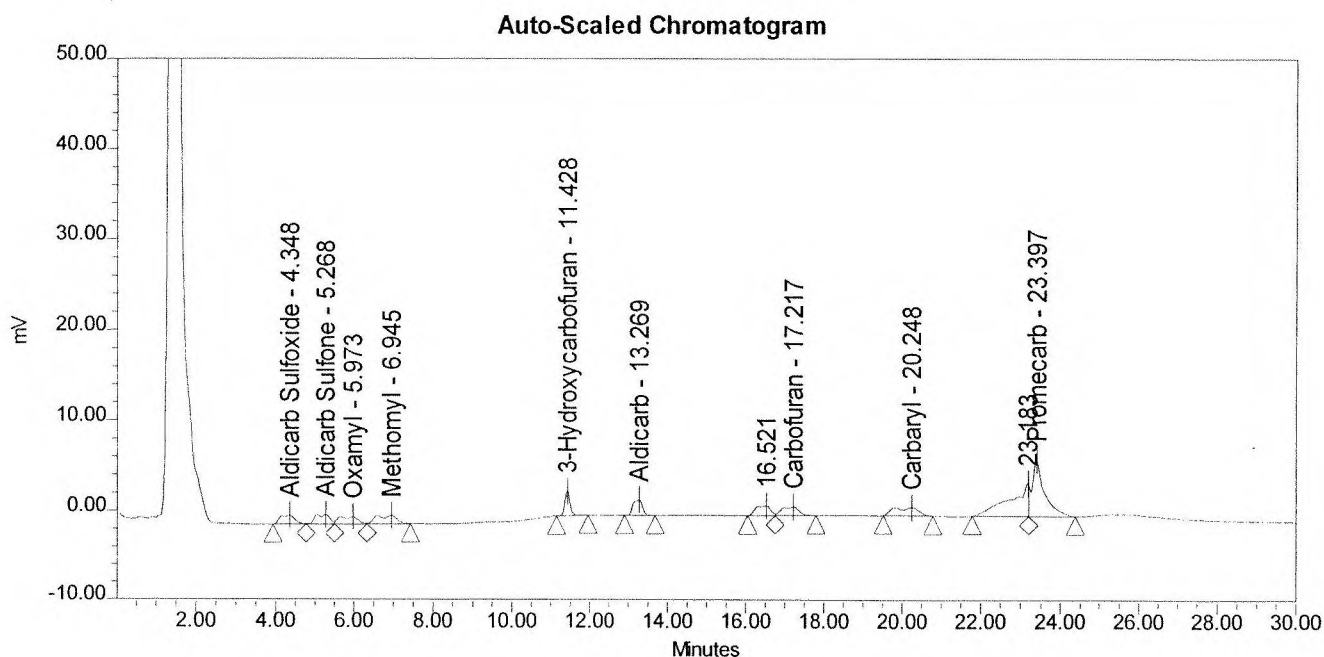
Current Date 9/19/2001

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Sample Information

SampleName C1
Vial 3
Injection 1
Injection Volume 400.00 ul
Channel SATIN
Run Time 30.0 Minutes

Sample Type Standard
Date Acquired 9/18/2001 6:14:05 PM
Acq Method Set 531 SET
Processing Method 531Processing
Date Processed 9/19/2001 12:40:50 PM



Peak Results

	Name	RT	Area	Height	Amount	Units
1	Aldicarb Sulfoxide	4.348	25095	975	2.000	ug/L
2	Aldicarb Sulfone	5.268	26468	1041	2.000	ug/L
3	Oxamyl	5.973	25523	797	2.000	ug/L
4	Methomyl	6.945	32405	943	2.000	ug/L
5	3-Hydroxycarbofuran	11.428	25375	2716	2.000	ug/L
6	Aldicarb	13.269	28516	1758	2.000	ug/L
7	Carbofuran	17.217	28947	954	2.000	ug/L
8	Carbaryl	20.248	39372	900	2.000	ug/L
9	Promecarb	23.397	135494	6280	2.000	ug/L

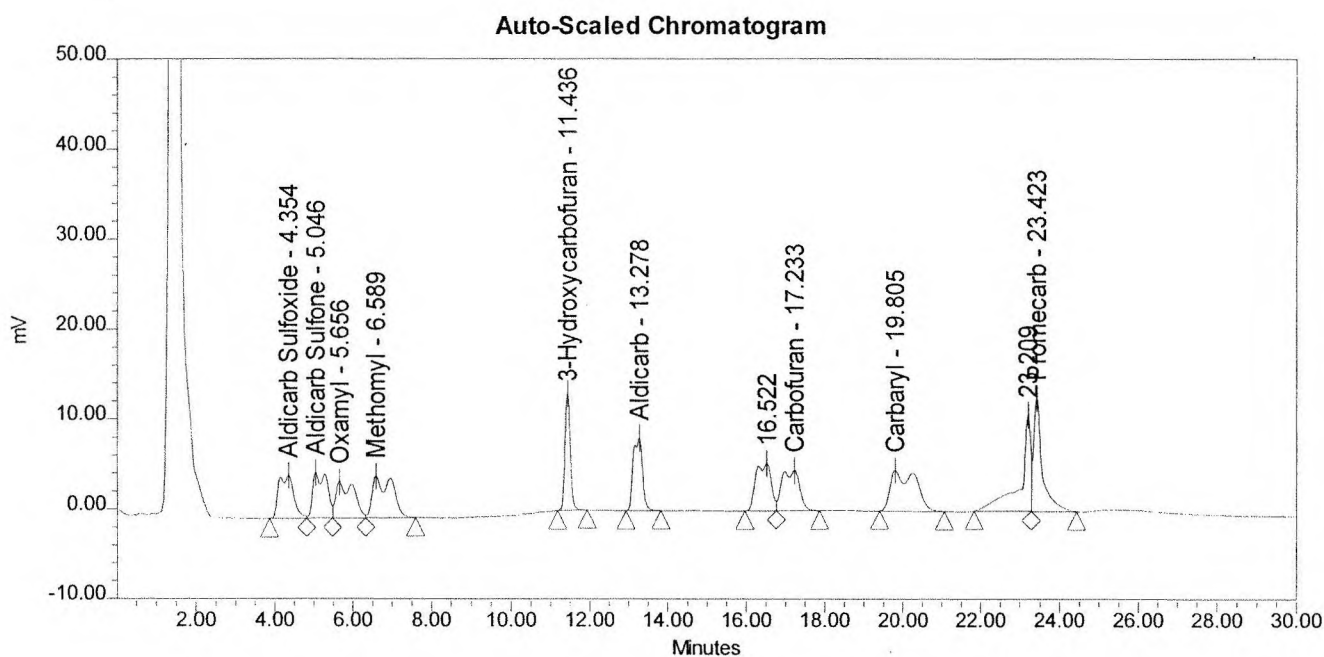
Current Date 9/19/2001

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Sample Information

SampleName C2
 Vial 4
 Injection 1
 Injection Volume 400.00 ul
 Channel SATIN
 Run Time 30.0 Minutes

Sample Type Standard
 Date Acquired 9/18/2001 6:48:59 PM
 Acq Method Set 531 SET
 Processing Method 531Processing
 Date Processed 9/19/2001 12:40:50 PM



Peak Results

	Name	RT	Area	Height	Amount	Units
1	Aldicarb Sulfoxide	4.354	127451	4787	10.000	ug/L
2	Aldicarb Sulfone	5.046	127863	5069	10.000	ug/L
3	Oxamyl	5.656	128592	4057	10.000	ug/L
4	Methomyl	6.589	159944	4692	10.000	ug/L
5	3-Hydroxycarbofuran	11.436	121813	13041	10.000	ug/L
6	Aldicarb	13.278	135232	8113	10.000	ug/L
7	Carbofuran	17.233	141512	4511	10.000	ug/L
8	Carbaryl	19.805	203312	4529	10.000	ug/L
9	Promecarb	23.423	201166	12583	10.000	ug/L

Current Date 9/19/2001

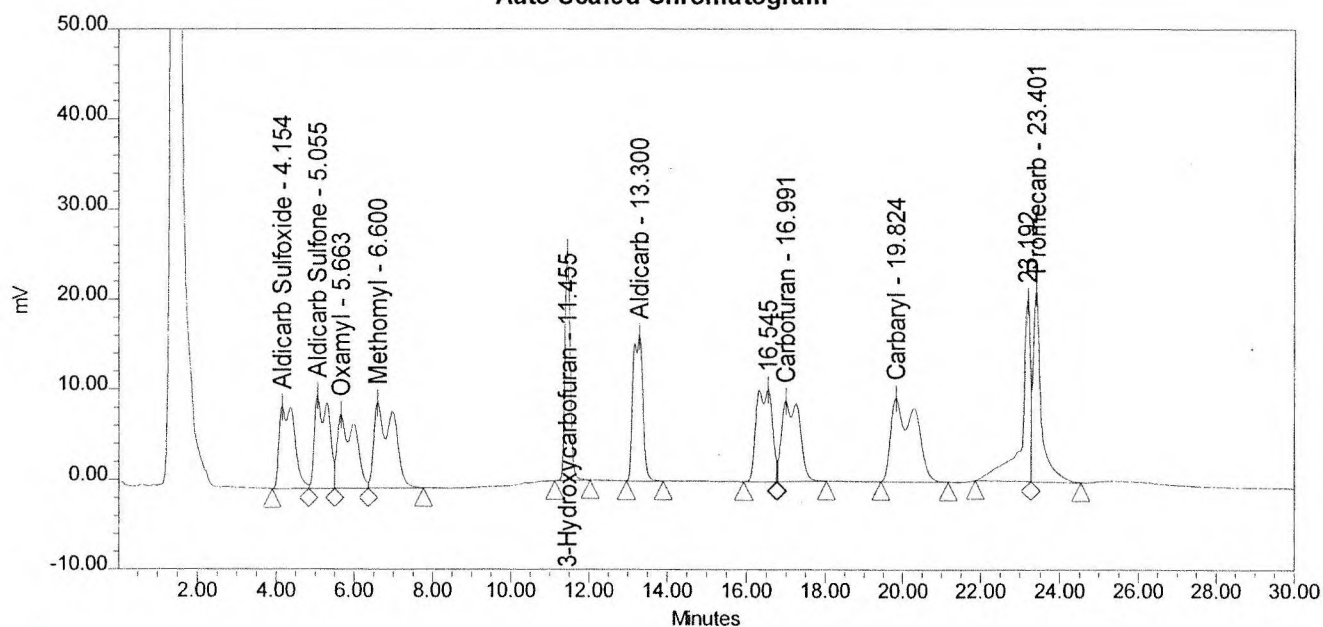
1 of 1

Sample Information

SampleName C3
Vial 5
Injection 1
Injection Volume 400.00 ul
Channel SATIN
Run Time 30.0 Minutes

Sample Type Standard
Date Acquired 9/18/2001 7:23:53 PM
Acq Method Set 531 SET
Processing Method 531Processing
Date Processed 9/19/2001 12:40:50 PM

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	Height	Amount	Units
1	Aldicarb Sulfoxide	4.154	249276	9082	20.000	ug/L
2	Aldicarb Sulfone	5.055	256913	10351	20.000	ug/L
3	Oxamyl	5.663	253959	8197	20.000	ug/L
4	Methomyl	6.600	319349	9467	20.000	ug/L
5	3-Hydroxycarbofuran	11.455	240589	25430	20.000	ug/L
6	Aldicarb	13.300	280970	16076	20.000	ug/L
7	Carbofuran	16.991	285140	8920	20.000	ug/L
8	Carbaryl	19.824	400561	9240	20.000	ug/L
9	Promecarb	23.401	315599	21151	20.000	ug/L

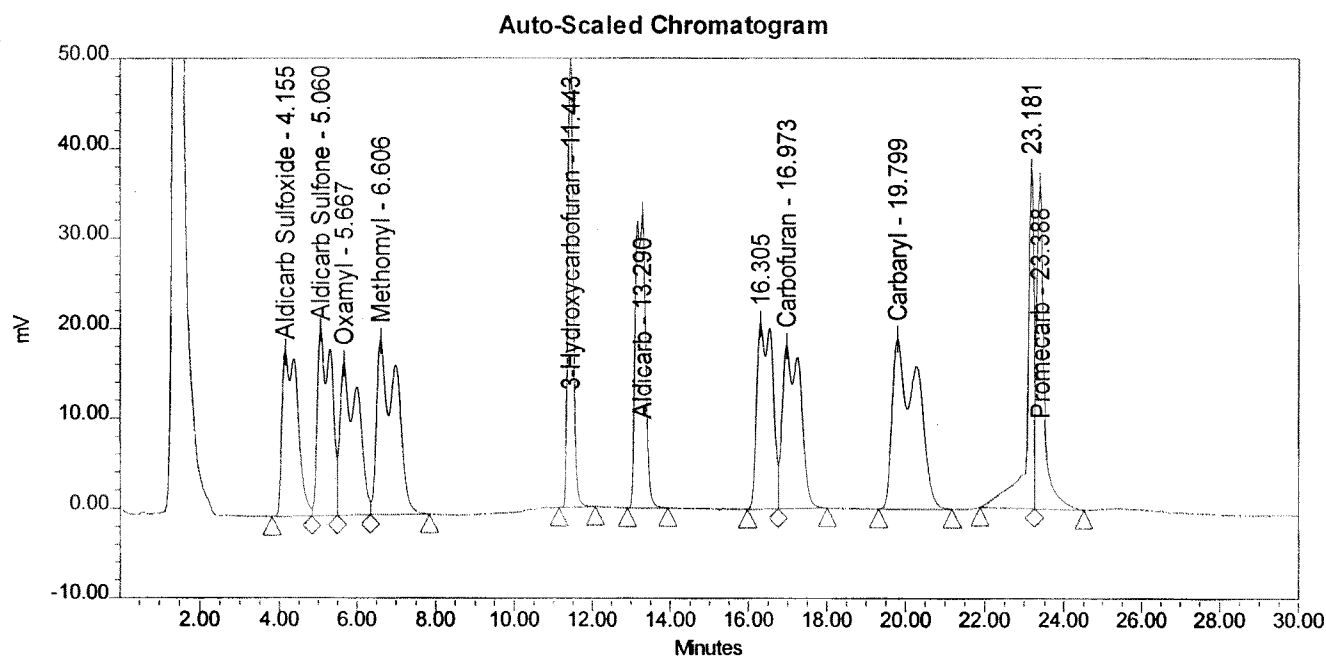
Current Date 9/19/2001

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Sample Information

SampleName C4
 Vial 6
 Injection 1
 Injection Volume 400.00 ul
 Channel SATIN
 Run Time 30.0 Minutes

Sample Type Standard
 Date Acquired 9/18/2001 7:58:47 PM
 Acq Method Set 531 SET
 Processing Method 531Processing
 Date Processed 9/19/2001 12:40:50 PM



Peak Results

	Name	RT	Area	Height	Amount	Units
1	Aldicarb Sulfoxide	4.155	501140	18314	40.000	ug/L
2	Aldicarb Sulfone	5.060	518430	20865	40.000	ug/L
3	Oxamyl	5.667	523110	16892	40.000	ug/L
4	Methomyl	6.606	655053	19420	40.000	ug/L
5	3-Hydroxycarbofuran	11.443	481162	51137	40.000	ug/L
6	Aldicarb	13.290	582063	32719	40.000	ug/L
7	Carbofuran	16.973	575938	18124	40.000	ug/L
8	Carbaryl	19.799	813287	18877	40.000	ug/L
9	Promecarb	23.388	491225	36292	40.000	ug/L

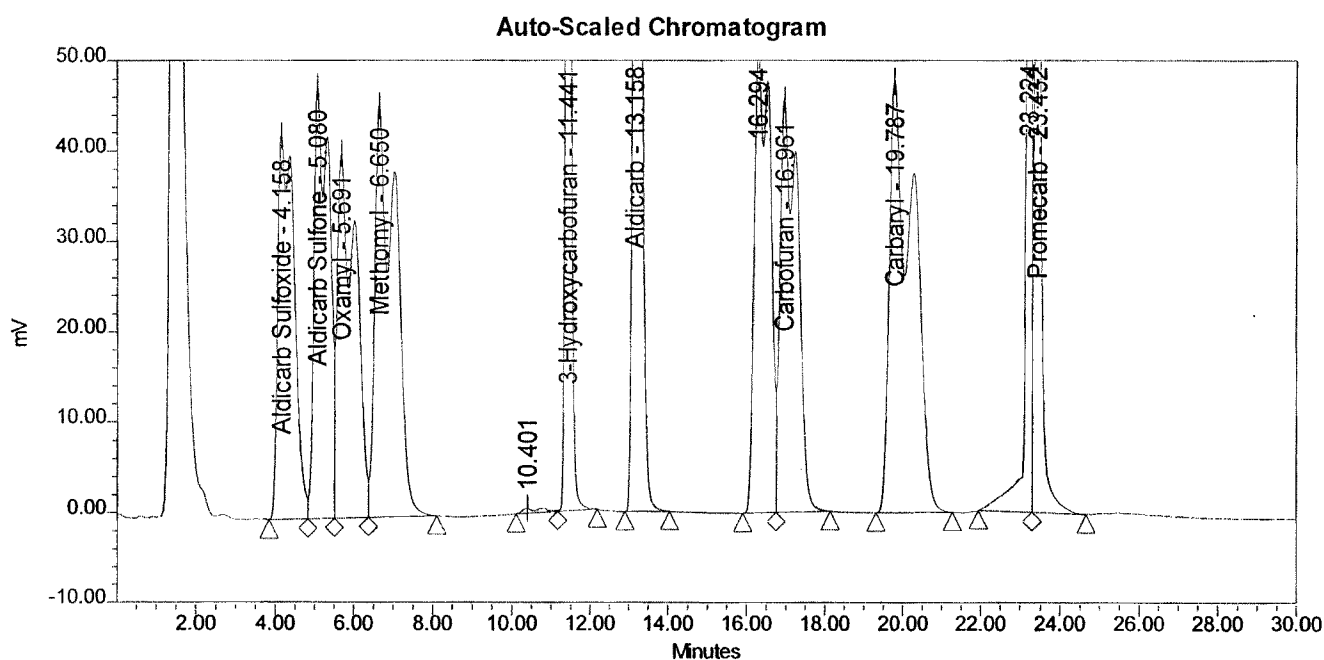
Current Date 9/19/2001

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Sample Information

SampleName C5
Vial 7
Injection 1
Injection Volume 400.00 ul
Channel SATIN
Run Time 30.0 Minutes

Sample Type Standard
Date Acquired 9/18/2001 8:33:41 PM
Acq Method Set 531 SET
Processing Method 531Processing
Date Processed 9/19/2001 12:40:50 PM



Peak Results

	Name	RT	Area	Height	Amount	Units
1	Aldicarb Sulfoxide	4.158	1229977	42652	100.000	ug/L
2	Aldicarb Sulfone	5.080	1264602	47923	100.000	ug/L
3	Oxamyl	5.691	1307435	40451	100.000	ug/L
4	Methomyl	6.650	1629292	45522	100.000	ug/L
5	3-Hydroxycarbofuran	11.441	1186950	124667	100.000	ug/L
6	Aldicarb	13.158	1418615	78990	100.000	ug/L
7	Carbofuran	16.961	1419061	45710	100.000	ug/L
8	Carbaryl	19.787	2007702	47773	100.000	ug/L
9	Promecarb	23.432	984011	77734	100.000	ug/L