

Support Information

New methodology for extracting pesticides from hair samples for subsequent chromatographic analysis

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de Almeida. Sidnei Moura

Molecular ions, monitored transitions, and parameters in the mass spectrometer for the
selected pesticides.

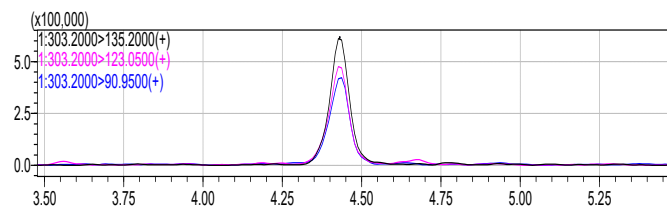
	Pesticide	Precursor ion (<i>m/z</i>)	Product ion(<i>m/z</i>)	CE (V)
1	Allethrin	303.20	135.20	10
			123.05	16
			90.95	34
			174.05	17
2	Atrazine	215.90	104.10	28
			67.90	40
			372.15	14
3	Azoxystrobin	403.90	344.05	26
			328.95	31
			148.20	21
4	Benalaxyl	325.90	91.20	45
			208.30	17
			109.10	17
5	Bendiocarb	223.90	167.20	8
			81.05	33
			135.00	13
6	Bioallethrin	303.00	91.10	38
			79.15	32
			269.30	9
			70.20	10
7	Bitertanol	338.10	43.00	40
			145.25	9
			127.10	25
8	Carbaryl	201.90	185.30	9
			159.90	17
			175.15	10
9	Carbendazim	191.90	123.10	21
			165.20	11
			87.15	13
10	Carbofuran	221.90	143.15	16
			159.00	8
			43.00	38
			97.05	34
11	Carboxine	235.85	200.05	23
			125.20	20
			169.10	12
12	Chloripyrifos	351.65	132.05	15
			113.00	29
			70.00	21
13	Chlothianidin	249.80	125.00	28
			93.05	35
			108.05	28
14	Cyproconazol	291.90	76.90	47
15	Cyprodinil	225.95		

	Pesticide	Precursor ion (<i>m/z</i>)	Product ion(<i>m/z</i>)	CE (V)
			169.15	21
16	Diazinon	304.90	153.20	21
			97.00	41
			251.10	25
17	Difenoconazol	406.05	111.10	55
			187.95	45
			199.10	10
18	Dimethoate	229.80	124.90	23
			170.85	15
			199.10	10
19	Ethion	385.00	142.90	24
			96.85	45
			141.00	30
20	Etoxazole	360.20	113.15	53
			304.15	17
			92.05	30
21	Fenamidone	311.90	236.25	14
			65.15	48
			366.20	16
22	Fenpyroximate	422.20	138.00	35
			214.15	35
			140.85	41
23	Flufenoxuron	489.05	96.70	30
			158.10	19
			70.20	19
24	Flutriafol	302.10	122.90	31
			108.85	41
			362.10	15
25	Fluxapyroxad	382.10	342.15	23
			314.00	23
			70.00	22
26	Hexaconazol	314.10	282.20	15
			159.00	43
			119.25	18
27	Iprovalicarb	321.20	91.00	53
			203.30	9
			127.15	13
28	Malathion	331.05	99.00	23
			285.00	7
			70.05	25
29	Metconazole	320.15	125.00	50
			145.05	9
30	Methidathion	302.95	84.95	25
			58.15	26
			149.00	16
31	Methoxyfenozide	369.00	313.30	9
			91.20	44
			72.05	19
32	Metoxuron	228.85	46.05	18
			151.10	20
			77.05	33
33	Phoxim	299.05	129.20	11
			125.20	10
			194.30	13
34	Piraclostrobin	388.10	133.00	36
			371.35	9
			72.05	21
35	Pyrimicarb	239.15	182.30	14
			150.20	25

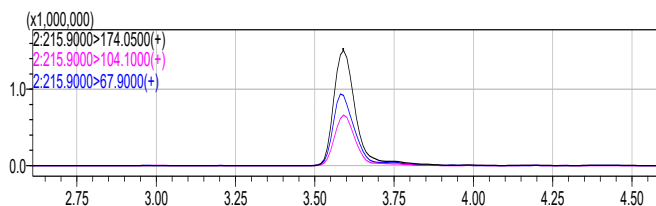
	Pesticide	Precursor ion (<i>m/z</i>)	Product ion(<i>m/z</i>)	CE (V)
			108.15	31
36	Pirimyphos-methyl	306.10	67.15	45
			289.40	10
			222.15	23
37	Pyrazophos	374.10	194.00	34
			176.05	45
			147.20	26
38	Pyridaben	365.15	309.20	13
			116.90	55
			96.05	15
39	Pyriproxifen	322.15	185.00	23
			227.20	15
			252.20	15
40	S-metholachlor	284.15	176.15	27
			134.00	32
			142.25	32
41	Spinosad	732.45	98.90	40
			98.25	55
			313.05	13
42	Spirodichlofen	411.10	71.10	18
			42.95	47
			70.05	23
43	Tebuconazole	308.15	125.05	41
			43.05	50
			133.25	18
44	Tebufenozide	353.00	297.30	9
			105.00	45
			174.95	26
45	Thiabendazole	201.85	131.20	33
			64.95	48
			211.15	14
46	Thiametoxan	291.75	181.20	23
			132.05	22
			70.20	10
47	Thriadimenol	295.90	43.00	44
			99.15	17
			186.20	20
48	Trifloxystrobin	409.15	144.90	46
			206.20	15
			278.00	11
49	Triflumizole	346.10	43.10	30
			73.15	18
			389.90	14
50	Triforin	434.95	255.00	25
			98.20	37
			187.05	23
51	Zoxamide	336.05	158.90	42
			123.10	49

Extracted ion chromatogram and their transitions for pesticides in spiked samples for the 51 analytes.

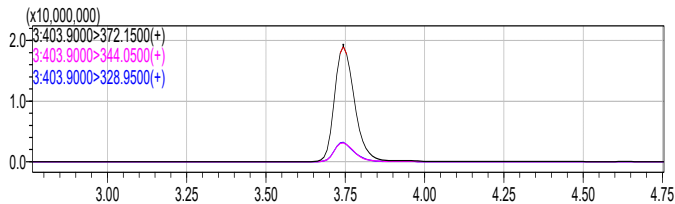
Allethrin



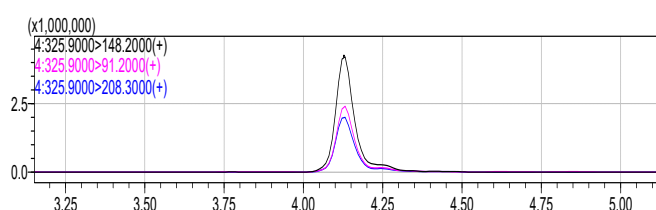
Atrazine



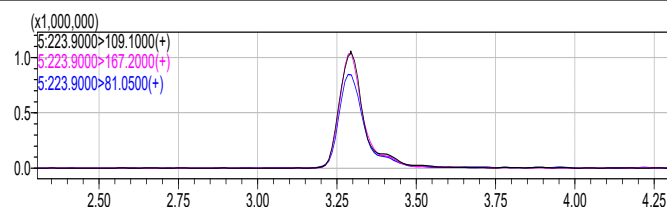
Azoxystrobin



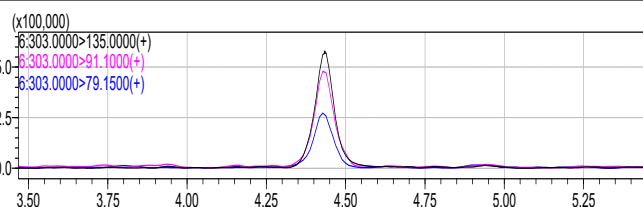
Benalaxyl



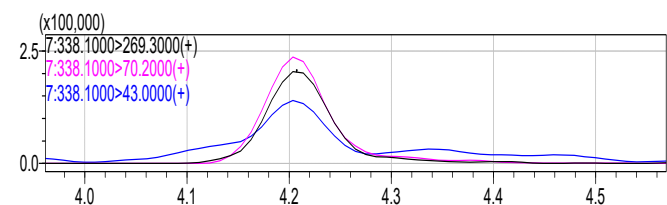
Bendiocarb



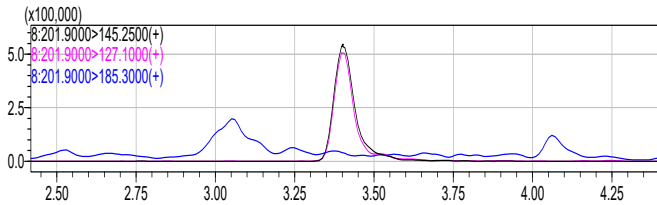
Bioallethrin



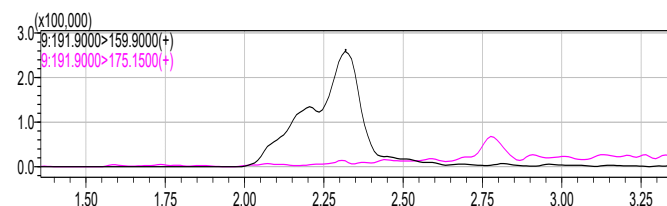
Bitertanol



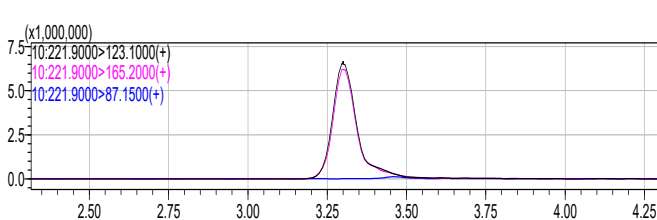
Carbaryl



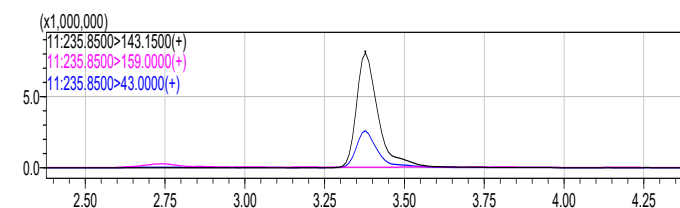
Carbendazin



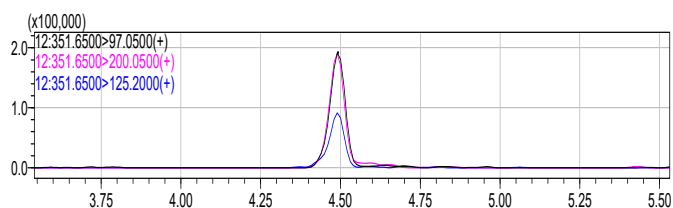
Carbofuran



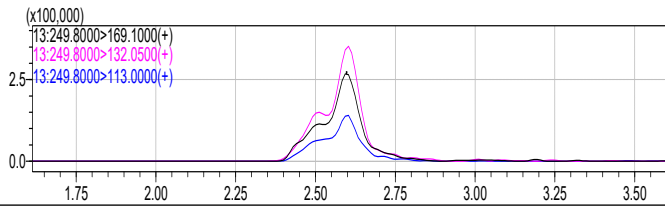
Carboxine



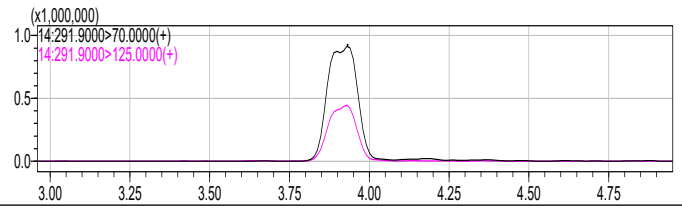
Clorpyrifos



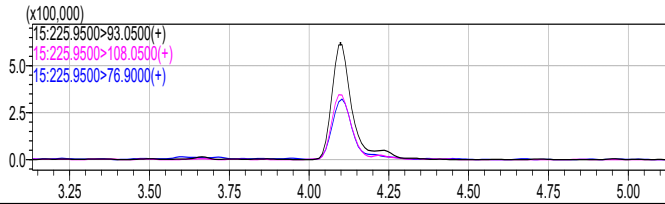
Clothianidin



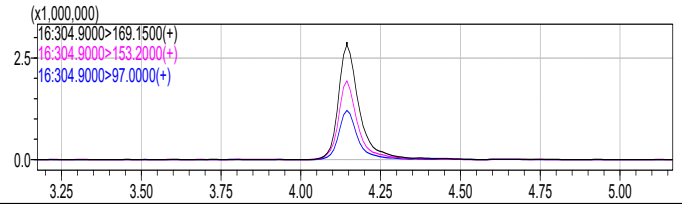
Cyproconazole



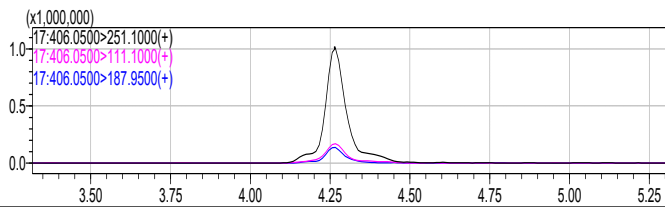
Cyprodinil



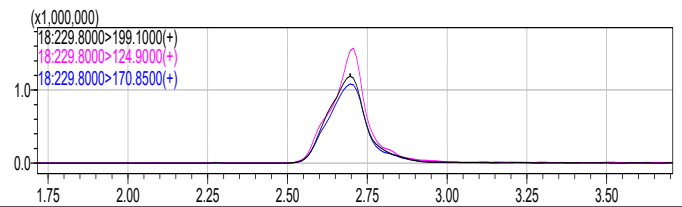
Diazinon



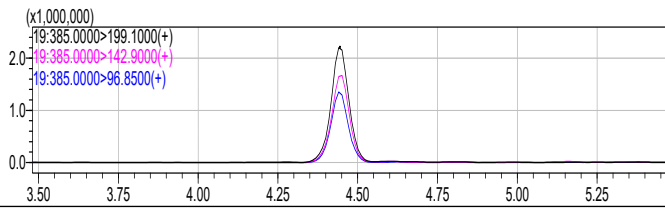
Difenoconazole



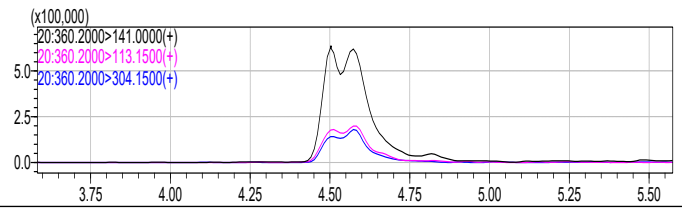
Dimethoate



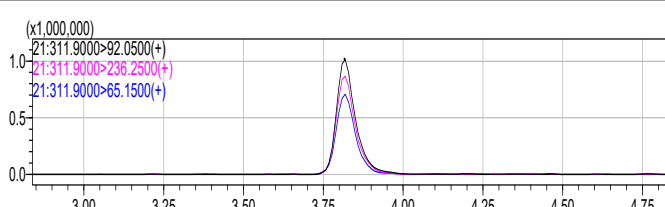
Ethion



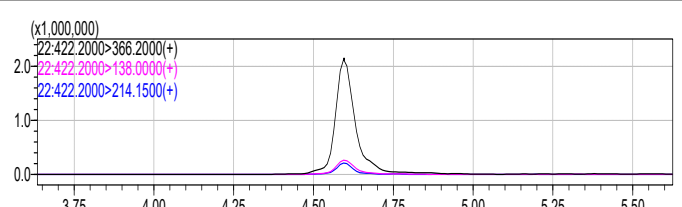
Etoxazole



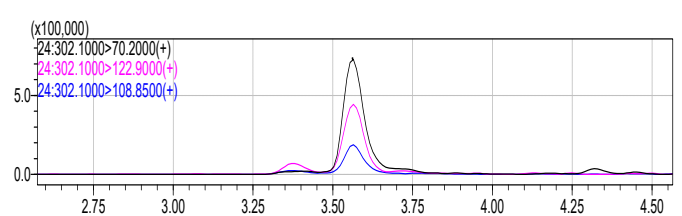
Fenamidone



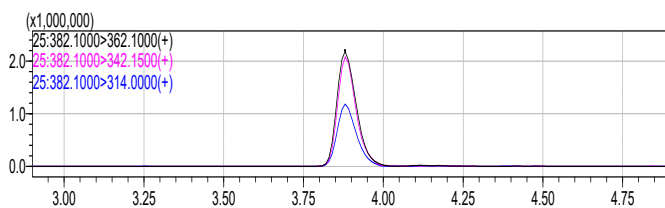
Fenpiroximato



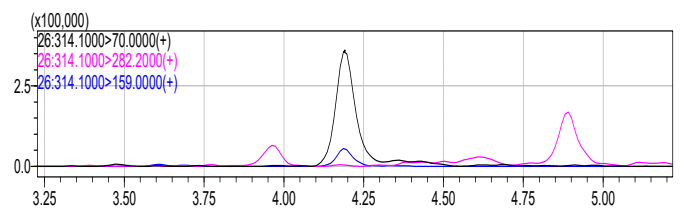
Flutriafol



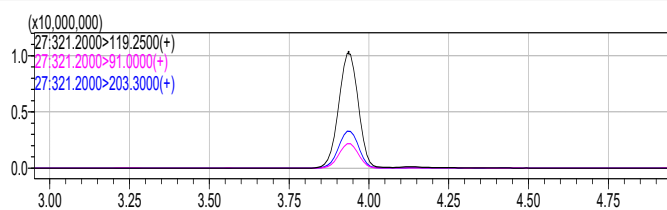
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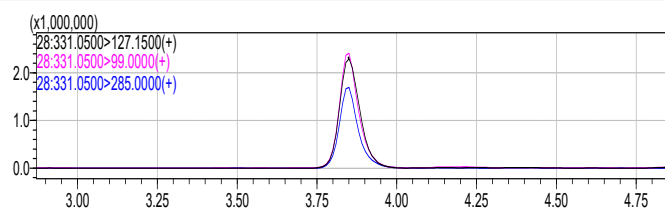
Hexaconazole



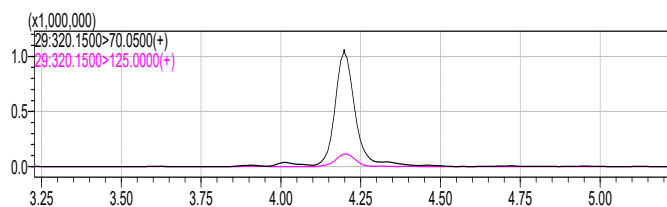
Iprovalicarbe



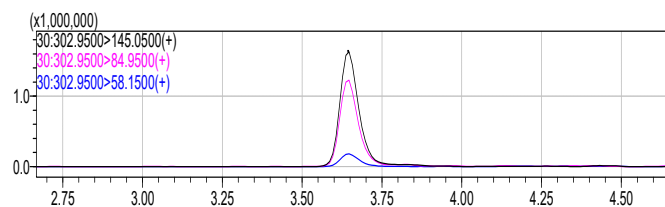
Malathion



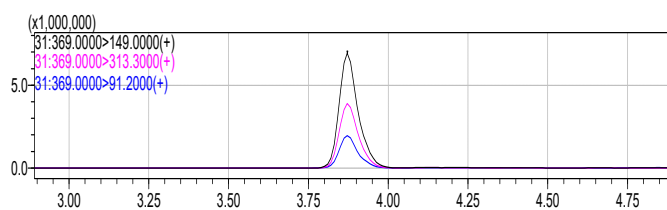
Metconazole



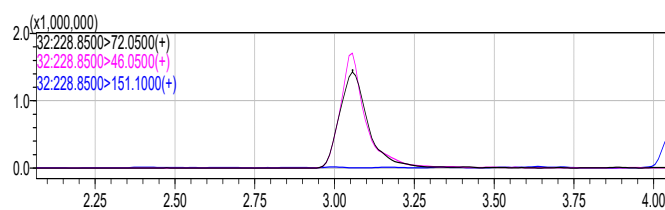
Methidathion



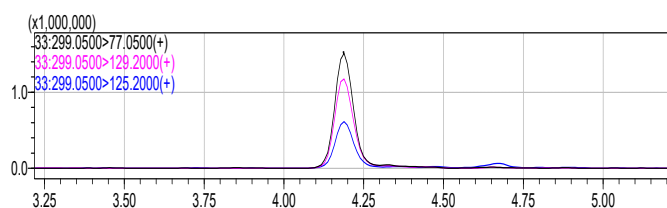
Methoxyfenozide



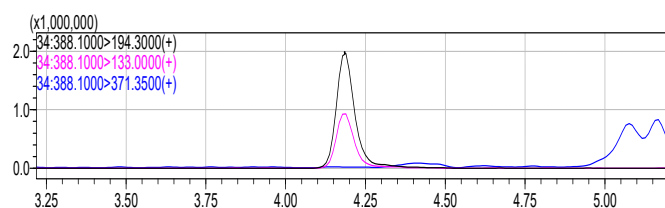
Metoxuron



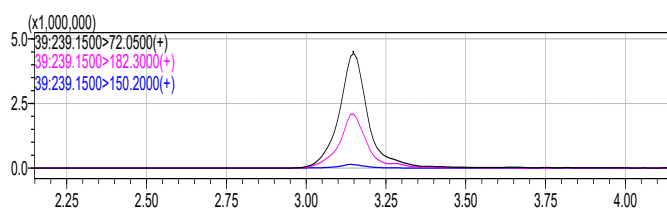
Phoxim



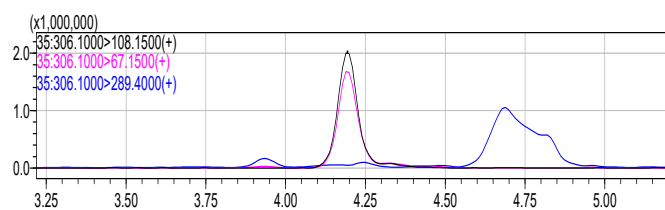
Pyraclostrobin



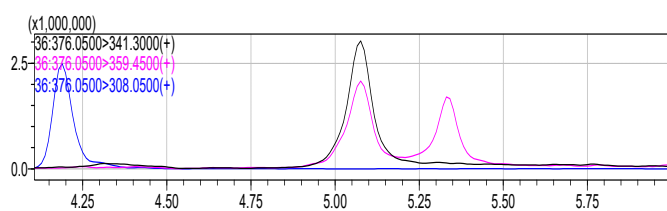
Pyrimicarb



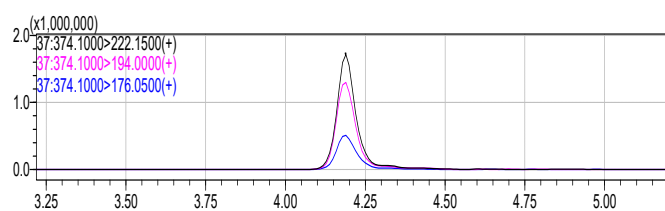
Pirimiphos-methyl



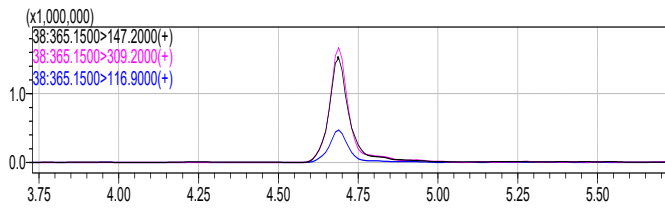
Prochloraz



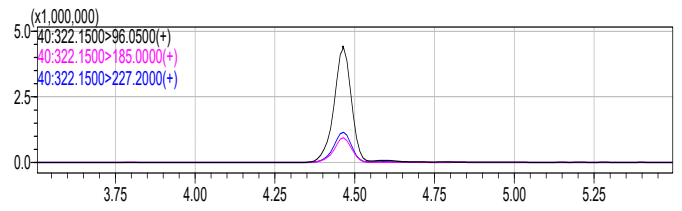
Pyrazophos



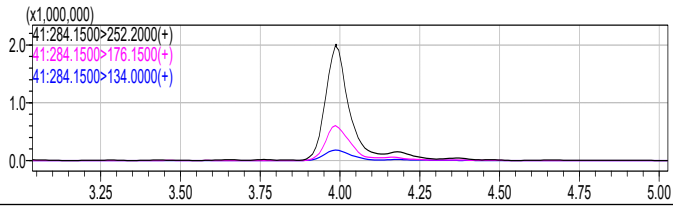
Pyridaben



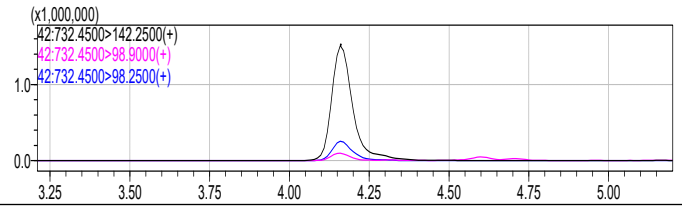
Pyriproxyfen



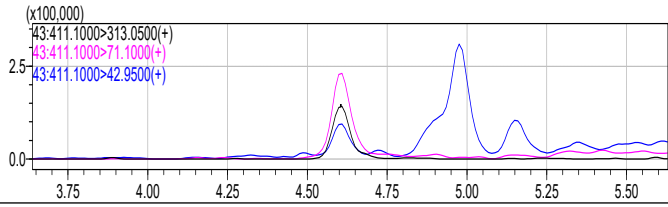
S-metolachlor



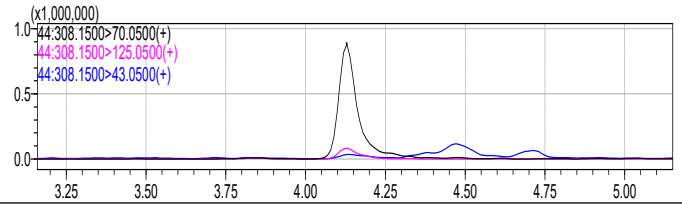
Spinosad



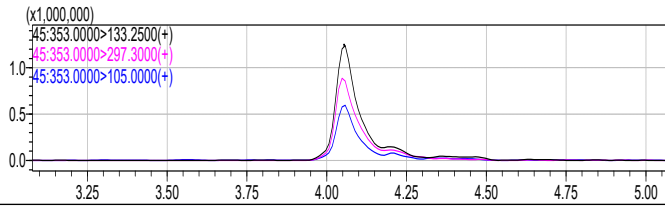
Spirodiclofen



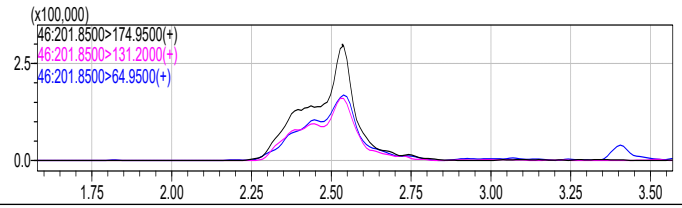
Tebuconazole



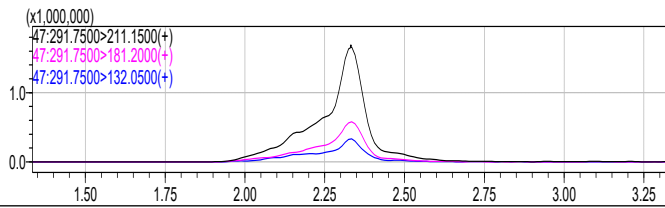
Tebufenozide



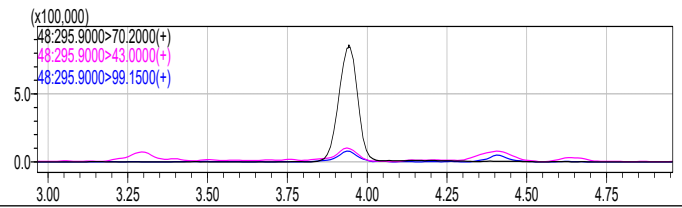
Thiabendazole



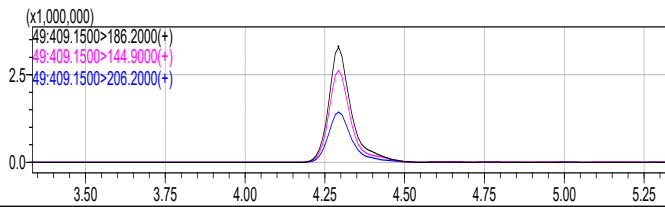
Thiamethoxam



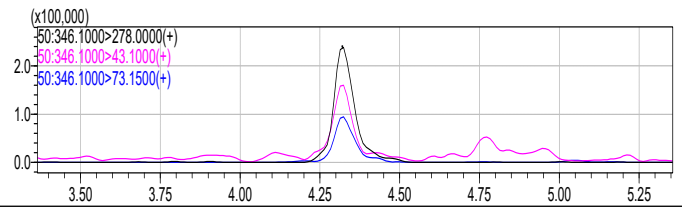
Triadimenol



Trifloxystrobin

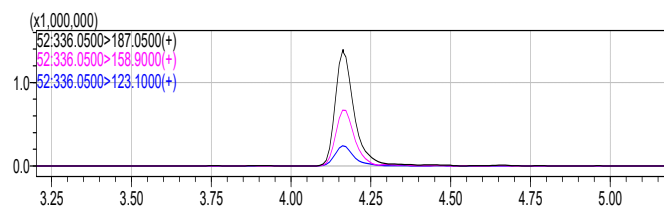
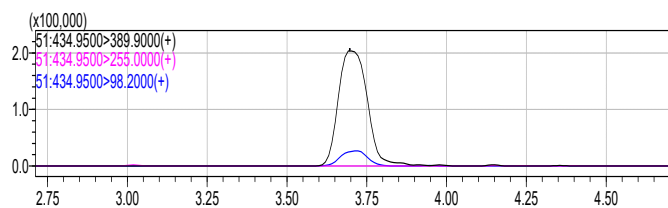


Triflumizole



Triforin

Zoxamide



Correlation coefficient (r^2), p-value, and $F_{critical}$ for the analytical curves of the pesticides evaluated.

Pesticide	Calibration curve	r^2	p	$F_{critical}$
Alletrin	$y = 1130x + 62841$	0.999	0.121	4.284
Atrazine	$y = 3581.1x - 96193$	0.999	0.298	4.284
Azoxystrobin	$y = 914339x + 976903$	0.999	0.464	3.438
Benalaxyl	$y = 7930.2x - 6133.6$	0.999	0.254	3.438
Bendiocarb	$y = 3093.9x - 188700$	0.997	0.434	0.233
Bioallethrin	$y = 740.05x + 53042$	0.999	0.184	6.388
Bitertanol	$y = 432.81x - 10526$	0.999	0.244	0.198
Carbaryl	$y = 1344.2x - 35196$	0.997	0.246	3.581
Carbendazin	$y = 1339.4x + 147160$	0.999	0.447	3.500
Carbofuran*	$y = 17182x - 50407$	0.999	0.195	3.500
Carboxine	$y = 16753x - 285857$	0.999	0.210	3.438
Chlorpyrifos	$y = 258.29x - 1257.1$	0.996	0.001	4.207
Clothiadinin	$y = 1194.9x - 19828$	0.996	0.467	3.866
Cyproconazol	$y = 2987.6x + 42328$	0.999	0.139	3.726
Cyprodinil	$y = 1042.4x - 19181$	0.997	0.230	4.207
Diazinon	$y = 5320.1x + 165781$	0.997	0.174	3.500
Difenoconazol	$y = 2070.6x + 6679.4$	1.000	0.118	3.500
Dimethoate	$y = 4658.3x + 18604$	1.000	0.473	3.438
Ethion	$y = 3897.4x + 64339$	0.999	0.006	3.500
Etoxazole	$y = 2235.1x + 19314$	0.999	0.000	4.818
Fenamidon	$y = 7064.5x + 23764$	0.994	0.278	3.787
Fenpyroximate	$y = 3857.5x - 48310$	0.998	0.001	3.787
Flufenoxuron	$y = 97.168x - 772.07$	0.995	0.002	5.050
Flutriafol	$y = 1711.6x + 21782$	0.999	0.456	3.787
Fluxapyroxad	$y = 3766.9x + 49909$	0.999	0.251	3.438
Hexaconazol	$y = 949.49x + 57313$	0.998	0.375	6.094
Iprovalicarb	$y = 21791x - 295399$	0.999	0.345	3.438
Malathion	$y = 5304.8x - 13481$	1.000	0.455	3.726
Metconazole	$y = 1913.3x + 4443.9$	1.000	0.262	4.876
Methidathion	$y = 2997.6x - 9953.6$	0.999	0.349	3.438
Methoxyfenozide	$y = 13501x - 19699$	0.998	0.401	3.438
Metoxuron	$y = 4513.5x + 9370.6$	0.999	0.504	3.726
Phoxim	$y = 2578.8x - 3566.9$	1.000	0.151	4.147
Piraclostrobin	$y = 3465.8x - 574.44$	0.999	0.139	3.438
Pirimicarb	$y = 13331x - 6260$	0.999	0.418	0.291
Pirimiphos-methyl	$y = 4086.4x - 94953$	0.996	0.096	3.787
Pyrazophos	$y = 3125.2x + 46527$	0.999	0.493	3.438

Pesticide	Calibration curve	r²	p	F_{critic}
Pyridaben	y = 3423.6x - 17010	1.000	0.007	6.041
Pyriproxifen	y = 6810.7x + 57907	1.000	0.001	3.438
S-metolachlor	y = 3575.5x - 10776	0.998	0.426	4.876
Spinosad	y = 3535.6x - 52023	0.999	0.375	3.438
Spirodiclofen	y = 234.48x - 4144.2	0.999	0.048	4.818
Tebuconazole	y = 1687.7x + 3458.3	0.999	0.475	3.438
Tebufenozide	y = 2372.9x - 26174	0.999	0.365	3.787
Thiabendazole	y = 1436x + 13451	0.999	0.056	4.207
Thiametoxam	y = 116012x + 60818	0.995	0.469	3.438
Triadimenol	y = 1908.8x - 2507	1.000	0.285	3.787
Trifloxystrobin	y = 6373.7x + 56936	0.999	0.012	3.438
Triflumizole	y = 577.55x - 6499.5	0.997	0.068	4.876
Triforin	y = 526.23x + 38145	0.999	0.393	3.581
Zoxamide	y = 2320.4x - 9059.6	0.998	0.203	3.726

Results of validation: selectivity, accuracy and, precision.

Pesticide	Selectivity		Accuracy (Recovery)				Accuracy (repeatability)					
	Matrix effect (Ftab gl=8= 3.438)	RT (min)	LQ (pg/mg)	N1	N2	N3	N1		N2		N3	
							RSDit (n=3)	RSDin (n=9)	RSDit (n=3)	RSDin (n=9)	RSDit (n=3)	RSDin (n=9)
alletrin	2.76	4.47	2.12	96.13	94.13	99.92	8.99	10.96	16.64	19.61	9.33	10.71
atrazine	1.57	3.61	2.08	89.28	93.20	93.01	5.69	12.63	12.69	13.15	8.87	8.22
azoxystrobina	1.07	3.76	1.99	95.15	94.85	96.78	4.33	8.80	2.66	12.34	1.01	4.16
benalaxyl	1.63	4.15	1.99	92.35	91.13	94.28	9.26	8.37	2.18	17.91	3.11	9.61
bendiocarb	0.87	3.30	2.05	90.76	96.45	92.02	19.05	17.36	5.75	18.26	3.97	10.95
bioallethrin	2.65	4.46	5.84	98.36	74.77	94.54	12.64	12.96	30.98	26.68	1.07	6.78
bitertanol	0.52	4.24	9.92	97.58	88.39	91.97	10.74	12.35	4.83	28.42	14.43	8.62
carbaryl	1.67	3.42	1.92	98.34	95.22	100.15	4.63	8.31	17.05	20.45	10.65	7.26
carbendazin	1.09	2.35	2.01	89.73	102.34	89.44	7.82	9.42	6.39	18.71	10.90	24.12
carbofuran*	1.89	3.31	1.93	104.99	93.01	97.42	2.37	6.35	9.17	19.85	5.82	16.70
carboxine	1.81	3.37	2.07	100.36	88.97	82.97	5.32	6.33	8.51	12.00	5.78	7.18
chloropyrifos	1.58	4.54	1.99	98.16	92.95	92.38	6.99	12.36	10.94	30.06	4.16	7.34
clothiadinin	1.05	2.61	2.05	100.33	96.01	92.31	6.32	4.33	6.03	10.20	9.46	6.11
cyproconazol	2.35	3.96	3.94	102.87	97.24	95.38	2.40	5.50	7.95	20.74	9.72	10.50
cyprodinil	1.88	4.13	9.57	89.75	89.25	95.15	8.96	6.31	8.90	21.62	3.51	16.56
diazinon	2.02	4.17	2.14	96.36	94.46	99.78	0.54	1.98	5.00	10.77	5.77	13.20
difenoconazol	2.43	4.31	2.00	105.86	91.15	97.81	2.22	4.65	4.30	11.66	10.63	7.30
dimethoate	1.05	2.71	2.05	109.62	89.24	94.29	10.44	12.25	3.58	4.86	3.25	5.57
ethion	7.18	4.48	1.99	110.70	94.72	99.28	9.62	8.41	3.84	7.75	6.61	5.26
etoxazole	6.43	4.58	9.83	98.57	95.04	97.63	3.66	3.89	5.07	11.04	4.18	9.44
fenamidone	1.59	3.83	0.61	100.46	91.67	96.21	1.96	2.57	13.88	12.05	3.04	3.56
fenpyroximate	1.96	4.63	4.18	96.87	94.79	99.37	6.35	5.42	2.21	11.80	7.63	6.34
flufenoxuron	1.43	4.60	9.39	102.13	87.96	93.05	10.47	10.57	4.74	5.78	6.40	9.50
flutriafol	1.09	3.57	3.85	92.87	88.22	95.96	5.96	11.24	7.23	27.75	11.56	6.97
fluxapyroxad	1.63	3.90	2.09	101.24	97.29	99.90	2.34	4.30	16.82	13.72	3.46	13.02
hexaconazol	1.46	4.22	18.94	103.66	92.77	102.16	2.15	3.26	5.34	16.61	8.52	10.70
iprovalicarb	1.34	3.95	2.04	94.00	91.98	95.09	6.37	3.87	4.97	10.13	4.89	5.06
malathion	1.10	3.87	1.95	96.10	94.47	100.01	2.36	4.24	2.57	9.75	6.06	6.19

Pesticide	Selectivity		Accuracy (Recovery)				Accuracy (repeatability)					
	Matrix effect (Ftab gl=8= 3.438)	RT (min)	LQ (pg/mg)	N1	N2	N3	N1		N2		N3	
							RSDit (n=3)	RSDin (n=9)	RSDit (n=3)	RSDin (n=9)	RSDit (n=3)	RSDin (n=9)
metconazole	1.83	4.23	9.43	100.32	93.25	103.35	1.89	2.56	17.92	13.32	3.32	7.35
methidathion	1.33	3.66	2.02	103.70	96.28	102.13	1.24	2.31	8.91	10.11	2.43	7.40
methoxyfenozide	1.20	3.89	2.16	102.95	91.45	95.55	9.64	3.62	1.26	8.69	10.89	5.83
metoxuron	1.01	3.07	3.90	98.36	90.73	97.64	3.15	2.36	9.64	9.13	6.26	7.31
phoxim	2.40	4.21	10.28	100.56	94.03	97.63	2.96	1.15	3.61	12.43	4.47	6.83
piraclostrobina	2.23	4.22	1.95	98.16	91.86	98.09	1.59	2.34	2.35	8.20	4.83	8.90
pirimicarb	0.86	3.14	1.88	108.69	89.65	97.50	1.73	5.98	11.37	9.29	3.44	5.17
pirimiphos-methyl	2.84	4.22	2.13	98.64	92.47	93.62	5.15	8.65	3.12	15.33	2.87	7.43
pyrazophos	1.01	5.11	2.06	96.15	93.53	95.80	4.13	4.60	10.10	12.08	0.39	5.96
pyridaben	17.28	4.22	3.73	102.78	90.07	94.05	1.96	0.86	9.08	8.56	5.31	6.16
pyriproxifen	1.82	4.73	1.94	100.35	92.83	96.52	5.52	12.24	5.88	5.09	4.60	9.69
S-metolachlor	1.22	4.51	9.87	98.31	100.83	96.29	4.32	5.32	8.59	21.07	6.62	11.39
spinosad	1.26	4.03	1.91	102.47	88.08	94.75	5.82	11.96	9.10	12.81	4.72	5.20
spirodiclofen	3.94	4.21	20.67	82.82	88.31	91.87	9.06	10.76	16.40	31.06	2.82	6.08
tebuconazole	1.05	4.64	1.96	106.13	88.09	95.24	3.56	14.24	6.85	19.97	1.84	9.78
tebufenozide	1.31	4.15	4.39	106.83	91.70	98.66	6.51	5.39	4.83	15.98	7.98	14.75
thiabendazole	1.43	4.60	9.39	102.13	87.96	83.05	10.47	10.57	64.74	54.78	6.40	9.50
thiametoxam	1.09	3.57	3.85	92.87	88.22	95.96	5.96	11.24	7.23	27.75	11.56	6.97
triadimenol	1.63	3.90	2.09	101.24	97.29	99.90	2.34	4.30	16.82	13.72	3.46	13.02
trifloxystrobin	1.46	4.22	18.94	103.66	92.77	102.16	2.15	3.26	5.34	16.61	8.52	10.70
Triflumizole	1.34	3.95	2.04	94.00	91.98	95.09	6.37	3.87	4.97	10.13	4.89	5.06
triforin	1.10	3.87	1.95	96.10	94.47	100.01	2.36	4.24	2.57	9.75	6.06	6.19
zoxamide	1.83	4.23	9.43	100.32	93.25	103.35	1.89	2.56	17.92	13.32	3.32	7.35

Concentration of pesticides detected in each of the 121 samples analyzed.

Amostra	Allethrin		Atrazine		azoxystrobina		benalaxyl		bendiocarb		bioallethrin		carbaryl		carbendazin		carbofuran*	
	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
1	nd	-	nd	-	643.33	0.16	2.35	0.03	nd	-	nd	-	nd	-	< LQ	0.18	1.01	0.02
2	nd	-	nd	-	22.95	0.11	nd	-	nd	-	nd	-	nd	-	< LQ	0.02	0.68	0.00
3	nd	-	nd	-	195.65	0.15	3.91	0.03	nd	-	nd	-	nd	-	nd	-	nd	-
4	nd	-	nd	-	185.67	0.09	nd	-	nd	-	nd	-	nd	-	28.34	0.25	0.93	-
5	nd	-	nd	-	60.21	0.09	7.46	0.03	nd	-	nd	-	nd	-	63.35	0.33	nd	-
6	nd	-	nd	-	1.53	0.03	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
7	nd	-	nd	-	3.56	0.01	nd	-	nd	-	nd	-	nd	-	< LQ	-	0.74	-
8	nd	-	nd	-	97.46	0.09	nd	-	nd	-	nd	-	nd	-	< LQ	0.25	0.44	-
9	nd	-	nd	-	6.76	0.02	0.70	0.00	nd	-	nd	-	nd	-	nd	-	1.13	-
10	nd	-	nd	-	9.82	0.01	2.65	0.01	17.48	0.04	nd	-	nd	-	< LQ	0.15	1.15	-
11	nd	-	nd	-	nd	-	0.39	0.00	nd	-	nd	-	nd	-	nd	-	nd	-
12	nd	-	nd	-	30.17	0.04	nd	-	nd	-	nd	-	nd	-	nd	-	0.60	0.00
13	nd	-	nd	-	78.17	0.03	nd	-	nd	-	nd	-	nd	-	32.52	0.05	0.63	0.02
14	nd	-	nd	-	52.76	0.02	nd	-	nd	-	nd	-	nd	-	nd	-	0.67	0.01
15	nd	-	nd	-	156.89	0.02	1.51	0.02	nd	-	nd	-	nd	-	333.55	0.14	1.03	0.01
16	nd	-	nd	-	45.34	0.05	3.75	0.01	29.76	0.22	nd	-	nd	-	< LQ	0.26	nd	-
17	nd	-	nd	-	26.35	0.08	nd	-	0.17	-	nd	-	nd	-	< LQ	0.43	nd	-
18	nd	-	75.53	0.04	42.97	0.05	nd	-	nd	-	nd	-	nd	-	16.70	0.41	1.29	0.02
19	nd	-	197.53	0.01	273.92	0.35	nd	-	nd	-	nd	-	nd	-	344.32	0.96	1.65	0.00
20	nd	-	216.36	0.18	607.51	0.11	3.73	0.02	nd	-	nd	-	nd	-	3024.32	1.04	nd	-
21	nd	-	205.13	0.15	48.01	0.07	nd	-	nd	-	nd	-	nd	-	265.15	1.04	0.79	-
22	nd	-	nd	-	3.11	0.00	17.91	0.03	nd	-	nd	-	nd	-	< LQ	-	nd	-
23	nd	-	139.70	0.03	14.82	0.02	nd	-	nd	-	nd	-	nd	-	< LQ	0.12	nd	-
24	nd	-	nd	-	10.99	0.01	nd	-	nd	-	nd	-	nd	-	< LQ	0.19	3.46	-
25	nd	-	5.17	0.02	491.94	0.19	1.11	0.00	nd	-	nd	-	nd	-	1149.26	0.12	nd	-
26	nd	-	2.74	0.01	36.87	0.04	nd	-	nd	-	nd	-	nd	-	< LQ	0.21	nd	-
27	nd	-	nd	-	128.29	0.03	nd	-	nd	-	nd	-	nd	-	< LQ	0.45	7.43	-
28	nd	-	nd	-	2.67	0.02	nd	-	nd	-	nd	-	nd	-	< LQ	-	0.59	0.01
29	nd	-	nd	-	11.98	0.01	nd	-	< LQ	-	nd	-	nd	-	nd	-	nd	-
30	nd	-	53.06	0.15	50.69	0.01	nd	-	nd	-	nd	-	nd	-	1076.07	0.35	2.84	-

Amostra	Allethrin		Atrazine		azoxystrobina		benalaxyl		bendiocarb		bioallethrin		carbaryl		carbendazin		carbofuran*	
	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
31	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	< LQ	0.69	nd	-
32	nd	-	nd	-	419.80	0.30	5.27	0.01	nd	-	nd	-	nd	-	175.99	0.34	nd	-
33	nd	-	< LQ	-	128.96	0.07	3.98	0.01	nd	-	nd	-	nd	-	89.02	0.03	nd	-
34	nd	-	nd	-	18.56	0.05	18.27	0.09	nd	-	nd	-	nd	-	< LQ	0.06	nd	-
35	nd	-	0.62	0.01	335.39	0.28	27.84	0.02	nd	-	nd	-	66.27	0.09	80.10	0.08	1.25	0.01
36	nd	-	nd	-	14.52	0.01	157.23	0.14	nd	-	nd	-	nd	-	< LQ	0.10	4.46	0.00
37	nd	-	nd	-	355.41	0.01	22.12	0.04	nd	-	nd	-	nd	-	505.78	0.30	1.38	0.01
38	nd	-	nd	-	7.12	0.01	nd	-	3.56	-	nd	-	13.52	0.04	< LQ	0.21	nd	-
39	nd	-	nd	-	39.28	0.03	68.60	0.11	nd	-	nd	-	nd	-	< LQ	0.05	1.13	0.00
40	nd	-	nd	-	0.03	0.01	1.31	0.01	nd	-	nd	-	nd	-	< LQ	0.21	0.59	-
41	nd	-	39.15	0.11	29.65	0.03	26.84	0.02	nd	-	nd	-	nd	-	< LQ	0.08	2.35	0.01
42	nd	-	3.96	-	28.14	0.08	12.56	0.03	nd	-	nd	-	nd	-	< LQ	0.03	0.85	0.00
43	nd	-	1.05	0.02	8.76	0.03	10.51	0.02	nd	-	nd	-	nd	-	< LQ	0.44	0.71	-
44	nd	-	191.54	0.20	79.95	0.07	35.00	0.00	nd	-	nd	-	nd	-	67.06	0.22	nd	-
45	646.05	1.30	nd	-	386.22	0.16	17.15	0.05	nd	-	nd	-	nd	-	< LQ	0.61	1.19	-
46	294.96	0.66	0.94	0.01	32.65	0.05	7.31	0.05	nd	-	411.75	2.68	nd	-	< LQ	0.23	0.99	-
47	521.36	3.03	nd	-	204.05	0.20	12.30	0.03	nd	-	512.75	2.71	nd	-	< LQ	0.30	nd	-
48	495.99	2.25	< LQ	-	13.25	0.03	6.90	0.01	nd	-	520.92	0.36	nd	-	< LQ	0.18	1.56	-
49	743.54	2.35	nd	-	33.02	0.08	16.61	0.05	nd	-	820.78	0.75	nd	-	88.01	0.04	nd	-
50	145.01	0.93	nd	-	98.77	0.06	5.09	0.05	nd	-	173.16	0.89	nd	-	< LQ	0.19	nd	-
51	2517.50	1.68	nd	-	152.71	0.02	58.07	0.03	nd	-	2710.16	2.77	nd	-	< LQ	0.31	nd	-
52	1350.96	0.74	nd	-	19.16	0.04	27.38	0.03	nd	-	1430.54	0.51	nd	-	< LQ	0.27	nd	-
53	630.62	1.06	nd	-	104.15	0.06	8.76	0.03	nd	-	612.57	0.90	31.17	0.29	148.76	0.32	1.38	0.01
54	623.70	1.22	nd	-	28.56	0.02	2.57	0.02	nd	-	678.95	0.34	nd	-	< LQ	-	nd	-
55	510.70	1.12	nd	-	43.84	0.07	11.10	0.02	nd	-	525.23	0.67	nd	-	314.53	0.20	nd	-
56	531.62	1.14	nd	-	57.11	0.03	10.43	0.02	nd	-	554.84	1.06	35.01	0.08	445.21	0.50	nd	-
57	761.06	0.72	nd	-	2.05	0.00	11.93	0.04	nd	-	644.58	1.21	nd	-	< LQ	0.10	nd	-
58	456.56	1.76	nd	-	< LQ	0.01	4.44	0.02	nd	-	452.12	1.59	nd	-	< LQ	-	nd	-
59	154.75	2.57	nd	-	< LQ	0.01	1.05	0.03	nd	-	173.07	1.89	nd	-	< LQ	0.26	nd	-
60	580.71	6.44	nd	-	291.80	0.69	19.67	0.08	nd	-	620.59	4.95	nd	-	< LQ	0.13	9.57	0.05
61	194.60	0.64	< LQ	0.02	59.55	0.16	1.53	0.00	nd	-	190.95	0.44	nd	-	< LQ	0.48	1.03	0.01
62	641.24	2.46	4.56	0.03	7.77	0.02	13.97	0.02	nd	-	640.10	0.42	nd	-	< LQ	0.60	nd	-
63	154.98	0.36	1.58	-	0.64	0.03	nd	-	nd	-	108.80	0.27	nd	-	< LQ	0.93	nd	-

	Allethrin		Atrazine		azoxystrobina		benalaxyl		bendiocarb		bioallethrin		carbaryl		carbendazin		carbofuran*	
Amostra	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
64	220.01	2.39	nd	-	4.74	0.01	nd	-	nd	-	218.57	0.98	nd	-	< LQ	0.25	1.78	0.01
65	533.14	0.64	nd	-	116.70	0.45	15.46	0.02	nd	-	534.10	2.10	nd	-	622.14	0.54	0.87	0.02
66	456.41	0.14	nd	-	11.42	0.01	6.53	0.03	nd	-	507.69	2.06	nd	-	< LQ	0.61	nd	-
67	392.81	2.06	0.99	-	22.38	0.05	14.79	0.03	nd	-	440.54	2.03	nd	-	60.16	0.30	1.08	-
68	936.85	3.83	nd	-	34.38	0.04	26.97	0.07	nd	-	974.37	0.84	nd	-	170.70	0.36	nd	-
69	144.92	1.39	nd	-	24.51	0.04	2.15	0.02	nd	-	142.73	0.43	nd	-	11.25	0.25	nd	-
70	516.95	1.68	19.33	0.10	246.04	0.17	20.52	0.11	nd	-	545.60	2.29	nd	-	3315.96	2.65	nd	-
71	693.59	1.97	nd	-	85.16	0.18	29.12	0.05	nd	-	675.30	1.37	nd	-	1370.23	0.47	nd	-
72	611.22	2.13	nd	-	76.04	0.07	16.08	0.01	nd	-	709.53	0.17	nd	-	1160.22	0.41	1.23	-
73	467.79	0.65	1.54	0.00	38.82	0.03	13.85	0.09	nd	-	448.21	1.09	nd	-	388.46	0.96	nd	-
74	342.13	1.58	11.70	0.06	3.47	0.02	4.88	0.03	nd	-	324.68	0.40	nd	-	< LQ	0.68	0.76	0.01
75	451.92	1.80	nd	-	326.13	0.30	21.80	0.01	nd	-	453.61	0.95	nd	-	24.23	0.09	nd	-
76	746.43	2.75	nd	-	359.53	0.05	19.59	0.04	nd	-	794.96	0.36	nd	-	36.17	0.14	nd	-
77	499.61	0.94	nd	-	147.87	0.25	13.84	0.01	nd	-	514.87	0.62	nd	-	< LQ	0.12	0.66	0.01
78	1494.24	2.58	2.63	-	381.31	0.36	46.88	0.08	nd	-	1423.10	1.17	nd	-	3892.59	1.60	nd	-
79	171.94	0.72	nd	-	133.33	0.13	2.92	0.04	nd	-	166.19	0.81	nd	-	< LQ	0.45	nd	-
80	1148.38	3.25	nd	-	1.24	0.00	26.22	0.04	nd	-	1141.31	1.11	nd	-	< LQ	0.22	1.94	-
81	163.36	0.71	0.50	-	0.28	0.01	4.80	0.02	nd	-	129.79	0.25	nd	-	< LQ	0.27	nd	-
82	389.15	2.29	0.92	-	3.33	0.02	26.43	0.10	nd	-	367.81	0.17	nd	-	nd	-	3.52	-
83	414.91	2.37	nd	-	7.40	0.02	36.30	0.11	nd	-	425.61	1.18	nd	-	24.11	0.16	nd	-
84	1372.76	1.17	1.96	-	3075.22	1.44	66.47	0.04	nd	-	1407.14	0.53	nd	-	595.22	0.04	2.92	-
85	109.51	0.34	nd	-	1035.88	0.34	9.02	0.01	nd	-	141.20	0.26	nd	-	283.19	0.20	nd	-
86	665.97	1.72	nd	-	3041.41	1.32	39.34	0.07	nd	-	765.98	0.49	nd	-	837.78	0.48	1.13	-
87	779.89	1.23	< LQ	-	6.61	0.04	28.78	0.07	nd	-	771.14	1.50	nd	-	156.57	0.41	nd	-
88	nd	-	0.62	-	42.46	0.07	8.59	0.02	nd	-	nd	-	nd	-	92.48	0.42	0.89	0.00
89	388.30	2.13	0.61	-	41.22	0.02	19.06	0.03	nd	-	343.00	0.47	nd	-	< LQ	0.04	0.86	-
90	122.81	0.62	1.41	-	28.91	0.04	13.59	0.06	nd	-	133.58	0.11	nd	-	< LQ	0.60	2.71	0.01
91	830.41	1.60	nd	-	161.96	0.11	27.79	0.08	nd	-	894.93	0.68	29.32	0.04	< LQ	0.22	nd	-
92	441.78	2.01	0.99	0.01	136.62	0.14	37.36	0.10	4.57	0.06	413.34	0.59	nd	-	14.12	0.09	2.30	0.03
93	90.92	1.76	0.68	-	2.84	0.02	4.26	0.06	nd	-	194.99	9.22	nd	-	< LQ	-	6.69	0.01
94	567.67	4.13	1.14	0.01	2.69	0.01	24.72	0.11	nd	-	618.26	4.12	nd	-	< LQ	0.17	nd	-
95	1006.83	1.68	14.82	0.05	26.72	0.03	35.50	0.04	nd	-	861.88	7.17	71.54	0.13	338.37	0.42	nd	-
96	504.71	1.97	1.36	-	3.45	0.01	15.45	0.04	nd	-	525.35	3.08	nd	-	< LQ	0.48	nd	-
97	1320.68	3.08	3.59	-	75.62	0.03	42.84	0.03	nd	-	1309.62	2.23	nd	-	7.94	0.08	1.89	-

	Allethrin		Atrazine		azoxystrobina		benalaxyl		bendiocarb		bioallethrin		carbaryl		carbendazin		carbofuran*	
Amostra	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
98	642.18	1.40	nd	-	116.36	0.09	24.60	0.02	nd	-	576.71	5.73	nd	-	4301.13	1.61	nd	-
99	393.77	1.67	nd	-	64.26	0.11	10.32	0.03	6.26	-	336.94	1.42	nd	-	171.68	0.36	nd	-
100	336.69	0.27	38.56	0.01	89.09	0.18	6.82	0.04	nd	-	328.87	6.17	nd	-	174.27	0.43	nd	-
101	123.67	1.29	1.94	0.01	< LQ	-	5.14	0.06	nd	-	133.97	0.97	17.50	0.30	192.22	0.37	nd	-
102	123.56	1.00	8.19	0.06	< LQ	0.01	6.17	0.02	nd	-	262.81	9.69	nd	-	< LQ	0.53	0.81	-
103	405.84	2.40	22.85	0.12	6.63	0.01	17.90	0.06	nd	-	425.85	2.34	nd	-	182.36	0.21	nd	-
104	889.29	3.41	< LQ	-	10.02	0.01	40.76	0.06	nd	-	769.12	9.43	nd	-	221.16	0.06	nd	-
105	568.28	2.07	nd	-	2.39	0.01	37.81	0.08	nd	-	890.19	10.25	nd	-	< LQ	0.62	1.89	-
106	1402.55	3.65	3.51	0.14	15.91	0.01	45.11	0.06	nd	-	1374.28	1.54	nd	-	131.11	0.07	nd	-
107	1017.36	1.37	nd	-	12.07	0.02	39.11	0.03	< LQ	-	1126.24	1.70	nd	-	< LQ	0.12	2.24	-
108	3415.16	3.79	nd	-	< LQ	0.01	110.02	0.01	nd	-	3027.18	6.08	nd	-	< LQ	0.28	nd	-
109	610.66	0.71	nd	-	14.77	0.04	22.39	0.03	nd	-	485.76	5.41	nd	-	202.38	0.40	0.80	-
110	386.57	1.23	nd	-	58.50	0.10	12.41	0.02	nd	-	397.17	2.57	nd	-	147.98	0.25	nd	-
111	429.91	1.19	0.83	0.01	758.16	0.55	20.10	0.08	nd	-	387.94	6.09	nd	-	133.86	0.47	0.97	-
112	206.21	0.87	1.75	-	9.04	0.05	3.76	0.01	nd	-	337.29	7.03	nd	-	< LQ	0.55	1.36	-
113	784.84	1.73	nd	-	13.73	0.04	28.77	0.08	nd	-	740.29	2.90	nd	-	< LQ	0.26	2.69	-
114	1170.67	0.69	nd	-	1.97	0.01	104.27	0.07	nd	-	998.01	5.01	nd	-	932.59	1.22	1.57	0.00
115	912.39	1.57	1.19	0.00	3.19	0.01	119.49	0.05	nd	-	897.85	0.63	nd	-	1863.85	0.34	nd	-
116	nd	-	0.78	-	5.85	0.05	3.61	0.02	nd	-	94.73	-	nd	-	< LQ	0.29	5.57	0.02
117	nd	-	0.38	0.01	7.15	0.02	3.18	0.03	nd	-	157.07	11.28	nd	-	13.96	0.31	nd	-
118	672.55	4.37	nd	-	5.33	0.01	39.91	0.12	41.83	0.10	540.95	8.84	nd	-	< LQ	0.58	nd	-
119	240.43	3.78	nd	-	1.96	0.00	12.11	0.08	nd	-	227.91	5.65	nd	-	16.62	0.20	nd	-
120	511.22	2.87	5.16	0.07	4.77	0.01	111.58	0.42	60.52	0.11	400.41	0.55	nd	-	1219.02	1.41	nd	-
121	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-

	carboxine		chloropyrifos		clothiadinin		cyproconazol		cyprodinil		diazinon		difenoconazol		dimethoate		ethion	
Amostra	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
1	nd	-	nd	-	nd	-	< LQ	0.12	17.88	0.13	< LQ	0.02	19.46	0.18	nd	-	< LQ	-
2	nd	-	nd	-	nd	-	< LQ	0.02	19.89	0.07	nd	-	17.88	0.02	nd	-	nd	-

	<i>carboxine</i>		<i>chloropyrifos</i>		<i>clothiadinin</i>		<i>cyproconazol</i>		<i>cyprodinil</i>		<i>diazinon</i>		<i>difenoconazol</i>		<i>dimethoate</i>		<i>ethion</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
3	nd	-	nd	-	nd	-	< LQ	0.03	12.48	0.02	nd	-	12.24	0.07	nd	-	0.47	0.02
4	nd	-	nd	-	nd	-	< LQ	0.00	11.01	0.04	nd	-	17.29	0.07	nd	-	1.60	0.02
5	nd	-	nd	-	nd	-	< LQ	0.02	nd	-	nd	-	113.18	0.10	nd	-	6.60	0.02
6	nd	-	nd	-	nd	-	< LQ	0.03	nd	-	nd	-	18.51	0.05	nd	-	nd	-
7	nd	-	< LQ	0.31	nd	-	< LQ	0.02	nd	-	nd	-	43.87	0.11	nd	-	nd	-
8	nd	-	< LQ	0.74	4.39	-	< LQ	-	nd	-	nd	-	46.59	0.02	nd	-	nd	-
9	nd	-	nd	-	nd	-	nd	-	14.83	0.07	nd	-	16.73	0.09	nd	-	nd	-
10	nd	-	nd	-	nd	-	< LQ	0.01	nd	-	nd	-	< LQ	0.03	nd	-	nd	-
11	nd	-	nd	-	nd	-	< LQ	-	nd	-	< LQ	0.06	< LQ	0.03	nd	-	0.85	0.01
12	nd	-	nd	-	69.10	0.10	0.34	0.03	nd	-	< LQ	0.04	233.16	0.19	nd	-	1.98	0.02
13	nd	-	nd	-	57.74	0.14	< LQ	0.03	nd	-	nd	-	547.86	0.26	nd	-	nd	-
14	nd	-	< LQ	1.36	119.34	0.30	nd	-	nd	-	nd	-	194.20	0.32	nd	-	nd	-
15	nd	-	< LQ	0.22	nd	-	nd	-	nd	-	nd	-	12.73	0.03	nd	-	29.92	0.08
16	nd	-	< LQ	0.40	nd	-	< LQ	0.00	nd	-	43.13	0.03	82.31	0.11	nd	-	97.61	0.19
17	nd	-	< LQ	-	nd	-	0.73	0.03	nd	-	nd	-	6.02	0.07	nd	-	nd	-
18	nd	-	< LQ	0.39	nd	-	< LQ	0.01	nd	-	nd	-	121.81	0.31	nd	-	nd	-
19	nd	-	< LQ	0.17	nd	-	< LQ	-	nd	-	nd	-	508.49	0.37	nd	-	nd	-
20	nd	-	< LQ	-	nd	-	< LQ	-	5.96	-	nd	-	555.05	0.16	nd	-	nd	-
21	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	140.52	0.07	nd	-	nd	-
22	nd	-	nd	-	nd	-	< LQ	0.01	nd	-	4.44	0.01	< LQ	0.03	nd	-	nd	-
23	nd	-	< LQ	-	nd	-	< LQ	-	nd	-	nd	-	< LQ	0.02	nd	-	nd	-
24	nd	-	< LQ	-	nd	-	nd	-	nd	-	nd	-	< LQ	0.03	nd	-	nd	-
25	nd	-	< LQ	-	nd	-	< LQ	0.01	nd	-	nd	-	< LQ	0.06	nd	-	nd	-
26	nd	-	nd	-	nd	-	< LQ	-	nd	-	2.04	0.01	< LQ	0.01	nd	-	nd	-
27	nd	-	< LQ	0.08	nd	-	nd	-	nd	-	nd	-	< LQ	0.00	nd	-	nd	-
28	nd	-	nd	-	nd	-	< LQ	0.02	nd	-	nd	-	< LQ	0.03	nd	-	nd	-
29	nd	-	< LQ	-	nd	-	< LQ	0.03	nd	-	nd	-	< LQ	0.00	nd	-	nd	-
30	nd	-	nd	-	nd	-	< LQ	-	nd	-	nd	-	50.25	0.11	nd	-	nd	-
31	nd	-	< LQ	1.38	nd	-	< LQ	0.03	nd	-	nd	-	< LQ	-	nd	-	nd	-
32	nd	-	nd	-	nd	-	nd	-	nd	-	< LQ	-	189.05	0.22	nd	-	nd	-
33	nd	-	< LQ	0.19	nd	-	3.95	0.01	6.72	0.05	nd	-	56.72	0.06	nd	-	< LQ	0.01
34	nd	-	nd	-	nd	-	< LQ	0.04	nd	-	nd	-	29.97	0.16	nd	-	< LQ	0.02

	<i>carboxine</i>		<i>chloropyrifos</i>		<i>clothiadinin</i>		<i>cyproconazol</i>		<i>cyprodinil</i>		<i>diazinon</i>		<i>difenoconazol</i>		<i>dimethoate</i>		<i>ethion</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
35	nd	-	< LQ	0.05	nd	-	0.59	0.02	nd	-	nd	-	249.83	0.06	nd	-	nd	-
36	nd	-	nd	-	21.96	-	117.11	0.20	nd	-	nd	-	19.62	0.04	7.21	0.04	35.56	0.09
37	nd	-	nd	-	nd	-	26.17	0.04	nd	-	nd	-	115.05	0.20	nd	-	nd	-
38	nd	-	< LQ	0.18	nd	-	5.21	0.01	nd	-	nd	-	51.07	0.08	3.12	0.02	nd	-
39	nd	-	< LQ	0.14	nd	-	8.82	0.03	nd	-	< LQ	0.01	32.37	0.10	3.45	0.03	1.57	0.04
40	< LQ	-	< LQ	0.24	nd	-	3.82	0.03	nd	-	nd	-	2.81	0.02	nd	-	nd	-
41	nd	-	< LQ	0.14	nd	-	51.86	0.03	nd	-	nd	-	8.62	0.09	22.09	0.05	6.30	0.10
42	nd	-	< LQ	0.09	nd	-	6.39	0.02	nd	-	nd	-	7.59	0.08	nd	-	nd	-
43	nd	-	< LQ	0.04	nd	-	< LQ	0.00	nd	-	nd	-	< LQ	0.04	nd	-	nd	-
44	nd	-	< LQ	0.11	nd	-	22.32	0.02	nd	-	nd	-	17.22	0.02	nd	-	nd	-
45	nd	-	< LQ	0.04	nd	-	13.39	0.12	nd	-	nd	-	204.06	0.04	nd	-	< LQ	0.01
46	nd	-	< LQ	0.14	nd	-	3.70	0.05	nd	-	nd	-	77.15	0.40	nd	-	< LQ	0.02
47	nd	-	nd	-	nd	-	12.09	0.05	nd	-	nd	-	171.87	0.17	nd	-	0.21	0.03
48	nd	-	nd	-	nd	-	7.44	0.03	nd	-	2.35	0.04	61.99	0.02	12.30	0.04	0.19	0.07
49	nd	-	< LQ	0.11	-2.20	-	1.18	0.02	3.14	0.08	< LQ	0.02	97.89	0.19	4.81	0.01	0.82	0.05
50	nd	-	nd	-	nd	-	5.06	0.03	nd	-	nd	-	62.72	0.10	nd	-	< LQ	0.02
51	nd	-	nd	-	nd	-	1.17	0.01	14.74	0.01	< LQ	0.01	186.20	0.06	nd	-	3.67	0.07
52	nd	-	< LQ	-	nd	-	< LQ	0.01	5.61	0.01	< LQ	0.01	31.27	0.07	nd	-	0.65	0.03
53	nd	-	< LQ	0.03	-2.32	-	0.96	0.02	nd	-	0.77	0.07	14.65	0.03	nd	-	< LQ	0.01
54	nd	-	< LQ	0.04	nd	-	< LQ	0.05	nd	-	< LQ	0.01	9.94	0.02	nd	-	nd	-
55	nd	-	< LQ	0.11	nd	-	< LQ	0.04	nd	-	1.45	0.06	26.95	0.03	nd	-	nd	-
56	nd	-	nd	-	nd	-	1.16	0.03	nd	-	3.43	0.04	10.31	0.06	nd	-	< LQ	0.03
57	230.65	0.16	< LQ	0.14	nd	-	< LQ	0.04	nd	-	< LQ	0.02	51.46	0.01	nd	-	nd	-
58	nd	-	< LQ	0.08	nd	-	1.06	0.00	nd	-	< LQ	0.01	0.92	0.02	nd	-	nd	-
59	nd	-	< LQ	0.09	nd	-	< LQ	0.04	nd	-	< LQ	0.01	< LQ	0.01	nd	-	0.58	0.01
60	nd	-	nd	-	nd	-	0.34	0.33	nd	-	< LQ	0.04	85.23	0.26	nd	-	< LQ	0.01
61	nd	-	nd	-	nd	-	7.26	0.03	nd	-	nd	-	19.96	0.09	nd	-	< LQ	0.02
62	nd	-	nd	-	nd	-	7.19	0.02	nd	-	< LQ	0.03	9.98	0.01	nd	-	38.77	0.01
63	nd	-	< LQ	0.25	nd	-	< LQ	0.02	nd	-	nd	-	6.89	0.08	nd	-	nd	-
64	nd	-	< LQ	0.47	2.91	-	< LQ	0.01	nd	-	nd	-	5.56	0.03	nd	-	nd	-
65	nd	-	< LQ	0.09	2.03	-	< LQ	0.05	nd	-	< LQ	0.01	223.97	0.24	nd	-	0.84	0.03
66	nd	-	nd	-	nd	-	0.04	0.21	nd	-	< LQ	0.03	25.74	0.09	nd	-	1.00	0.02

	<i>carboxine</i>		<i>chloropyrifos</i>		<i>clothiadinin</i>		<i>cyproconazol</i>		<i>cyprodinil</i>		<i>diazinon</i>		<i>difenoconazol</i>		<i>dimethoate</i>		<i>ethion</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
67	nd	-	< LQ	0.09	nd	-	4.35	0.61	nd	-	< LQ	0.01	150.04	0.19	nd	-	1.22	0.03
68	nd	-	nd	-	nd	-	18.56	0.07	nd	-	< LQ	0.01	352.05	0.05	nd	-	3.31	0.02
69	nd	-	< LQ	0.12	nd	-	1.93	0.06	nd	-	nd	-	35.23	0.04	nd	-	2.39	0.05
70	nd	-	nd	-	nd	-	32.25	0.13	nd	-	< LQ	0.02	141.82	0.35	< LQ	-	3.09	0.03
71	nd	-	nd	-	nd	-	4.34	0.01	nd	-	< LQ	0.01	113.43	0.14	nd	-	6.66	0.07
72	nd	-	< LQ	0.05	nd	-	20.18	0.04	nd	-	< LQ	0.02	192.72	0.17	nd	-	0.42	0.02
73	nd	-	< LQ	0.43	nd	-	17.29	0.06	6.60	0.04	< LQ	0.01	27.49	0.02	nd	-	2.93	0.04
74	nd	-	< LQ	0.17	nd	-	< LQ	0.03	nd	-	< LQ	0.01	< LQ	0.01	nd	-	0.35	0.09
75	nd	-	nd	-	nd	-	15.34	0.05	2.62	0.00	< LQ	0.03	63.27	0.02	nd	-	nd	-
76	nd	-	nd	-	nd	-	17.13	0.07	5.91	0.03	< LQ	0.03	51.16	0.16	7.59	0.02	5.33	0.05
77	nd	-	< LQ	-	nd	-	7.59	0.02	nd	-	< LQ	0.01	75.59	0.14	nd	-	nd	-
78	nd	-	< LQ	0.07	nd	-	2.04	0.03	11.80	0.03	< LQ	0.03	235.24	0.19	5.24	0.01	nd	-
79	nd	-	< LQ	-	nd	-	0.49	0.02	3.95	0.03	< LQ	0.03	51.18	0.14	nd	-	nd	-
80	nd	-	< LQ	0.10	nd	-	< LQ	0.03	nd	-	< LQ	0.01	234.35	0.32	nd	-	5.60	0.08
81	nd	-	< LQ	1.16	nd	-	< LQ	0.03	nd	-	< LQ	0.01	< LQ	0.08	nd	-	3.74	0.08
82	nd	-	< LQ	0.32	nd	-	< LQ	0.02	nd	-	< LQ	0.00	3.87	0.06	1.50	0.01	4.36	0.08
83	nd	-	nd	-	nd	-	5.99	0.05	nd	-	< LQ	0.01	8.78	0.03	nd	-	1.34	0.02
84	nd	-	< LQ	0.07	nd	-	5.00	0.02	nd	-	< LQ	0.02	1952.06	1.01	nd	-	6.57	0.03
85	nd	-	37.50	0.63	nd	-	1.76	0.06	5.09	0.03	< LQ	0.03	1442.92	0.39	nd	-	6.16	0.02
86	nd	-	< LQ	0.20	nd	-	9.60	0.02	nd	-	< LQ	0.03	2401.19	3.93	nd	-	0.63	0.04
87	nd	-	< LQ	0.03	nd	-	56.01	0.04	nd	-	< LQ	0.00	68.31	0.07	nd	-	10.33	0.03
88	nd	-	< LQ	0.03	nd	-	6.10	0.03	nd	-	< LQ	0.02	90.65	0.09	nd	-	nd	-
89	nd	-	nd	-	nd	-	77.90	0.10	nd	-	< LQ	0.01	55.65	0.02	nd	-	nd	-
90	6.15	0.02	nd	-	nd	-	21.83	0.09	nd	-	< LQ	0.01	24.67	0.06	nd	-	8.28	0.06
91	nd	-	nd	-	nd	-	11.49	0.05	nd	-	< LQ	0.01	13.65	0.07	nd	-	9.32	0.08
92	nd	-	< LQ	-	1.61	0.09	6.27	0.07	3.48	0.06	4.15	0.02	5.30	0.02	nd	-	134.11	0.28
93	nd	-	< LQ	0.34	nd	-	1.36	0.03	nd	-	0.41	0.01	0.46	0.02	nd	-	4.70	0.03
94	2.95	0.01	nd	-	nd	-	< LQ	-	nd	-	< LQ	0.01	3.73	0.03	nd	-	nd	-
95	14.71	0.07	< LQ	0.13	nd	-	< LQ	0.03	nd	-	< LQ	0.01	41.88	0.05	nd	-	11.04	0.05
96	nd	-	nd	-	nd	-	< LQ	-	nd	-	nd	-	< LQ	0.05	nd	-	nd	-
97	nd	-	nd	-	nd	-	< LQ	0.02	nd	-	< LQ	0.06	29.08	0.08	nd	-	nd	-
98	nd	-	nd	-	nd	-	< LQ	0.01	nd	-	< LQ	0.02	19.23	0.14	nd	-	nd	-

	<i>carboxine</i>		<i>chloropyrifos</i>		<i>clothiadinin</i>		<i>cyproconazol</i>		<i>cyprodinil</i>		<i>diazinon</i>		<i>difenoconazol</i>		<i>dimethoate</i>		<i>ethion</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
99	nd	-	nd	-	nd	-	nd	-	nd	-	< LQ	0.03	2.40	0.08	nd	-	nd	-
100	nd	-	< LQ	0.14	nd	-	0.05	0.01	nd	-	< LQ	0.01	20.28	0.05	nd	-	nd	-
101	nd	-	nd	-	nd	-	< LQ	0.00	nd	-	< LQ	0.01	< LQ	0.03	nd	-	6.22	0.08
102	nd	-	nd	-	nd	-	< LQ	-	nd	-	< LQ	0.01	< LQ	0.02	nd	-	nd	-
103	nd	-	nd	-	nd	-	22.02	0.05	nd	-	< LQ	0.02	6.13	0.09	nd	-	3.18	0.07
104	nd	-	nd	-	nd	-	15.33	0.06	9.58	0.09	< LQ	0.03	< LQ	0.03	nd	-	9.16	0.05
105	nd	-	< LQ	-	nd	-	< LQ	-	nd	-	< LQ	0.02	< LQ	0.01	nd	-	20.22	0.04
106	nd	-	nd	-	nd	-	nd	-	nd	-	< LQ	-	< LQ	0.01	nd	-	20.61	0.06
107	nd	-	nd	-	nd	-	< LQ	-	5.69	0.02	< LQ	0.03	17.02	0.06	nd	-	nd	-
108	nd	-	nd	-	nd	-	< LQ	0.02	20.27	0.02	< LQ	0.03	347.19	0.08	nd	-	nd	-
109	nd	-	14.81	0.08	nd	-	< LQ	0.01	6.15	0.08	< LQ	0.04	11.78	0.06	nd	-	nd	-
110	nd	-	< LQ	0.13	nd	-	1.75	0.03	12.29	0.01	nd	-	74.07	0.07	8.40	0.02	8.80	0.08
111	nd	-	< LQ	0.19	nd	-	nd	-	nd	-	nd	-	150.43	0.27	nd	-	nd	-
112	nd	-	< LQ	0.12	nd	-	< LQ	0.07	nd	-	nd	-	4.06	0.05	nd	-	nd	-
113	nd	-	66.99	0.10	nd	-	< LQ	0.05	nd	-	nd	-	5.82	0.04	nd	-	8.15	0.05
114	nd	-	nd	-	nd	-	< LQ	-	nd	-	nd	-	296.18	0.08	nd	-	16.78	0.04
115	nd	-	nd	-	nd	-	< LQ	0.02	nd	-	< LQ	0.03	949.17	0.31	nd	-	nd	-
116	nd	-	nd	-	nd	-	< LQ	0.01	nd	-	nd	-	< LQ	0.02	nd	-	nd	-
117	nd	-	nd	-	nd	-	1.81	0.00	nd	-	nd	-	< LQ	0.02	nd	-	nd	-
118	nd	-	nd	-	nd	-	< LQ	0.01	2.36	0.03	1.48	0.02	0.94	0.05	nd	-	2.99	0.03
119	nd	-	nd	-	nd	-	< LQ	-	nd	-	nd	-	0.60	0.03	nd	-	6.76	0.07
120	nd	-	nd	-	nd	-	0.01	0.00	nd	-	23.88	0.07	4.80	0.04	nd	-	26.44	0.06
121	nd	-	< LQ	-	nd	-	< LQ	0.01	nd	-	0.67	0.02	< LQ	0.03	nd	-	nd	-

	<i>etoxazole</i>		<i>fenamidone</i>		<i>fenpyroximate</i>		<i>flufenoxuron</i>		<i>flutriafol</i>		<i>fluxapyroxad</i>		<i>hexaconazol</i>		<i>iprovalicarb</i>		<i>malathion</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
1	3.53	0.00	nd	-	nd	-	nd	-	nd	-	15.76	0.06	nd	-	nd	-	nd	-
2	nd	-	nd	-	nd	-	nd	-	nd	-	4.18	0.01	nd	-	nd	-	nd	-
3	1.52	0.01	nd	-	0.60	0.00	nd	-	nd	-	10.47	0.04	nd	-	nd	-	nd	-
4	1.95	0.01	nd	-	nd	-	nd	-	nd	-	9.08	0.04	nd	-	nd	-	nd	-

[illegible]

	<i>etoxazole</i>		<i>fenamidone</i>		<i>fenpyroximate</i>		<i>flufenoxuron</i>		<i>flutriafol</i>		<i>fluxapyroxad</i>		<i>hexaconazol</i>		<i>iprovalicarb</i>		<i>malathion</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
37	5.23	0.02	nd	-	0.17	0.00	1.74	0.01	nd	-	nd	-	nd	-	nd	-	nd	-
38	2.67	0.01	nd	-	0.33	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
39	1.80	0.00	nd	-	nd	-	nd	-	10.75	0.07	1.71	0.02	nd	-	-1.37	0.01	nd	-
40	nd	-	nd	-	nd	-	nd	-	3.80	0.01	nd	-	nd	-	nd	-	nd	-
41	nd	-	nd	-	nd	-	nd	-	6.70	0.01	3.88	0.03	nd	-	nd	-	nd	-
42	nd	-	nd	-	nd	-	0.91	0.02	2.12	0.00	nd	-	nd	-	nd	-	nd	-
43	nd	-	nd	-	nd	-	nd	-	4.87	0.03	nd	-	nd	-	nd	-	nd	-
44	2.44	0.01	nd	-	nd	-	nd	-	8.11	0.02	4.13	0.02	nd	-	nd	-	nd	-
45	1.70	0.01	14.40	0.03	nd	-	nd	-	5.91	0.01	nd	-	nd	-	nd	-	nd	-
46	nd	-	13.44	0.05	nd	-	nd	-	3.02	0.00	nd	-	nd	-	nd	-	nd	-
47	2.00	0.01	20.49	0.03	nd	-	nd	-	3.56	0.03	nd	-	nd	-	nd	-	nd	-
48	nd	-	7.80	0.02	0.10	0.00	nd	-	4.42	0.00	nd	-	nd	-	nd	-	nd	-
49	nd	-	8.74	0.12	0.27	0.00	nd	-	2.83	0.01	nd	-	nd	-	nd	-	nd	-
50	1.32	0.00	12.67	0.10	nd	-	1.79	0.01	4.45	0.04	nd	-	nd	-	nd	-	nd	-
51	8.07	0.01	80.31	0.09	0.47	0.00	nd	-	22.01	0.01	nd	-	nd	-	nd	-	nd	-
52	nd	-	29.48	0.04	0.11	-	3.76	0.03	6.87	0.00	nd	-	nd	-	nd	-	nd	-
53	1.45	0.01	16.14	0.10	nd	-	2.02	0.02	4.82	0.02	nd	-	nd	-	nd	-	nd	-
54	nd	-	nd	-	0.67	0.00	1.90	0.02	1.19	0.01	1.11	0.01	nd	-	nd	-	nd	-
55	1.64	0.00	17.52	0.07	nd	-	1.10	0.02	13.51	0.05	0.71	0.01	nd	-	nd	-	nd	-
56	nd	-	20.96	0.05	nd	-	nd	-	6.64	0.02	nd	-	nd	-	nd	-	nd	-
57	nd	-	16.94	0.06	nd	-	nd	-	4.39	0.03	nd	-	nd	-	nd	-	nd	-
58	nd	-	13.02	0.10	nd	-	1.50	0.02	10.01	0.05	2.49	0.04	nd	-	0.87	0.01	nd	-
59	0.79	0.00	10.20	0.31	nd	-	nd	-	2.91	0.01	0.74	0.00	nd	-	nd	-	nd	-
60	2.26	0.00	18.59	0.08	nd	-	nd	-	4.94	0.03	1.08	0.01	nd	-	nd	-	nd	-
61	nd	-	12.34	0.05	nd	-	nd	-	6.05	0.02	nd	-	nd	-	nd	-	nd	-
62	4.47	0.01	19.64	0.05	0.23	0.00	nd	-	4.59	0.02	nd	-	nd	-	nd	-	nd	-
63	nd	-	nd	-	nd	-	2.88	0.04	nd	-	0.56	-	nd	-	nd	-	nd	-
64	1.06	0.01	nd	-	0.76	0.00	5.99	0.04	3.26	0.03	nd	-	nd	-	nd	-	nd	-
65	0.88	0.00	17.19	0.04	nd	-	1.84	0.03	5.19	0.02	133.84	0.18	nd	-	nd	-	nd	-
66	1.86	0.00	9.64	0.10	0.62	0.00	4.26	0.04	2.40	0.03	20.48	0.07	nd	-	nd	-	nd	-
67	0.89	0.00	17.11	0.15	nd	-	0.67	0.01	4.91	0.02	39.22	0.07	nd	-	nd	-	nd	-
68	nd	-	27.87	0.14	nd	-	4.08	0.02	7.01	0.03	47.57	0.06	nd	-	nd	-	nd	-

	etoxazole		fenamidone		fenpyroximate		flufenoxuron		flutriafol		fluxapyroxad		hexaconazol		iprovalicarb		malathion	
Amostra	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
69	2.17	0.01	8.15	-	nd	-	2.56	0.01	3.05	0.03	42.37	0.06	nd	-	nd	-	nd	-
70	1.70	0.00	20.84	0.02	0.37	0.00	nd	-	7.33	0.01	394.50	0.70	nd	-	nd	-	nd	-
71	2.04	0.00	5.84	0.16	13.50	0.01	49.06	0.09	2.38	0.04	254.11	0.30	nd	-	nd	-	nd	-
72	2.30	0.00	22.19	0.05	0.32	0.00	nd	-	10.69	0.05	248.28	0.19	nd	-	nd	-	nd	-
73	1.84	0.00	18.47	0.05	0.31	0.00	nd	-	nd	-	8.68	0.02	nd	-	nd	-	14.61	0.07
74	nd	-	7.60	0.03	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
75	2.21	0.01	19.75	0.04	0.10	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
76	1.38	0.01	24.08	0.10	0.60	0.00	nd	-	29.31	0.06	nd	-	nd	-	nd	-	11.64	0.06
77	nd	-	14.68	0.10	0.32	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
78	nd	-	63.13	0.25	9.32	0.01	44.36	0.18	nd	-	nd	-	nd	-	-0.89	-	66.58	0.07
79	nd	-	8.50	0.08	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
80	2.08	0.00	38.38	0.08	0.48	0.01	5.95	0.02	nd	-	nd	-	nd	-	nd	-	nd	-
81	3.60	0.01	9.45	0.08	0.14	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
82	6.95	0.01	14.52	0.05	0.10	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
83	1.13	-	14.84	0.07	0.19	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
84	nd	-	59.72	0.06	0.48	0.00	nd	-	23.47	0.04	nd	-	nd	-	nd	-	nd	-
85	1.30	-	17.60	0.11	0.61	0.00	nd	-	36.64	0.05	nd	-	nd	-	nd	-	86.72	0.05
86	nd	-	22.52	0.11	0.26	0.00	nd	-	51.16	0.09	nd	-	nd	-	nd	-	nd	-
87	nd	-	47.93	0.22	0.44	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
88	1.27	-	13.66	0.12	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
89	nd	-	12.00	0.08	nd	-	25.25	0.12	nd	-	nd	-	nd	-	nd	-	nd	-
90	nd	-	15.93	0.03	0.30	0.00	nd	-	nd	-	1.25	0.01	nd	-	nd	-	nd	-
91	nd	-	25.84	0.12	2.48	0.01	11.89	0.07	nd	-	1.90	0.00	4.17	-	nd	-	nd	-
92	nd	-	16.41	0.03	1.70	0.00	nd	-	nd	-	2.33	0.03	nd	-	4.51	0.02	nd	-
93	2.18	0.00	11.53	0.06	0.41	0.00	nd	-	nd	-	1.53	0.00	nd	-	nd	-	nd	-
94	5.25	0.00	11.79	0.17	2.01	0.01	10.26	0.08	6.32	-	nd	-	nd	-	nd	-	nd	-
95	2.49	-	38.54	0.26	7.79	0.01	36.94	0.20	7.37	0.03	2.99	0.00	nd	-	nd	-	nd	-
96	2.22	0.00	22.98	0.13	nd	-	3.03	-	nd	-	nd	-	nd	-	nd	-	nd	-
97	nd	-	45.28	0.12	nd	-	nd	-	nd	-	nd	-	109.31	0.03	nd	-	nd	-
98	1.81	-	24.36	0.14	0.58	0.01	nd	-	nd	-	nd	-	nd	-	1.35	0.00	nd	-
99	nd	-	17.99	0.10	0.21	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
100	nd	-	10.91	0.18	0.35	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-

	<i>etoxazole</i>		<i>fenamidone</i>		<i>fenpyroximate</i>		<i>flufenoxuron</i>		<i>flutriafol</i>		<i>fluxapyroxad</i>		<i>hexaconazol</i>		<i>iprovalicarb</i>		<i>malathion</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
101	4.56	0.01	14.18	0.09	nd	-	nd	-	nd	-	nd	-	53.29	0.29	nd	-	nd	-
102	1.77	0.00	19.25	0.09	0.19	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
103	2.11	0.00	16.41	0.09	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
104	5.46	0.00	34.29	0.10	0.76	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
105	9.96	0.02	42.64	0.09	2.36	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
106	6.14	0.01	49.21	0.12	0.67	0.00	nd	-	23.62	-	2.04	-	nd	-	nd	-	nd	-
107	2.09	-	37.93	0.06	0.34	0.00	16.47	0.06	19.59	0.03	nd	-	nd	-	2.78	0.01	nd	-
108	nd	-	123.09	0.10	0.57	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
109	2.13	0.00	26.31	0.14	0.51	0.01	7.79	0.04	nd	-	nd	-	nd	-	nd	-	nd	-
110	1.50	0.01	25.21	0.11	nd	-	nd	-	nd	-	1.94	0.02	nd	-	nd	-	nd	-
111	1.18	0.00	41.34	0.10	0.42	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
112	nd	-	23.02	0.22	1.00	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
113	nd	-	25.50	0.11	0.56	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
114	nd	-	44.45	0.24	0.90	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
115	nd	-	41.08	0.14	0.53	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
116	nd	-	15.69	0.18	nd	-	nd	-	nd	-	1.34	-	nd	-	nd	-	nd	-
117	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
118	1.63	0.01	24.30	0.05	1.85	0.01	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
119	2.93	0.02	11.38	0.17	1.08	0.01	nd	-	nd	-	3.28	0.05	nd	-	2.68	0.03	nd	-
120	3.51	0.01	19.52	0.13	2.96	0.01	nd	-	nd	-	3.21	0.08	nd	-	nd	-	nd	-
121	1.74	0.00	25.71	0.07	0.22	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-

	<i>metconazole</i>		<i>methidathion</i>		<i>methoxyfenozide</i>		<i>metoxuron</i>		<i>phoxim</i>		<i>piraclostrobina</i>		<i>pirimicarb</i>		<i>pyridaben</i>		<i>pirimiphos-methyl</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RSD
1	< LQ	-	nd	-	2.18	-	nd	-	nd	-	81.90	0.38	nd	-	nd	-	nd	-
2	0.22	0.01	nd	-	4.59	-	< LQ	0.02	nd	-	33.64	0.08	nd	-	nd	-	nd	-
3	1.60	0.04	nd	-	nd	-	nd	-	nd	-	34.05	0.05	nd	-	0.40	-	nd	-
4	nd	-	nd	-	7.74	-	< LQ	0.03	nd	-	42.20	0.11	nd	-	nd	-	nd	-
5	38.85	0.03	nd	-	nd	-	nd	-	nd	-	1109.42	1.26	nd	-	nd	-	nd	-

	<i>metconazole</i>		<i>methidathion</i>		<i>methoxyfenozide</i>		<i>metoxuron</i>		<i>phoxim</i>		<i>piraclostrobina</i>		<i>pirimicarb</i>		<i>pyridaben</i>		<i>pirimiphos-methyl</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RSD
6	4.19	0.05	nd	-	7.03	-	< LQ	0.05	nd	-	29.52	0.03	nd	-	nd	-	nd	-
7	5.87	0.02	nd	-	nd	-	nd	-	nd	-	150.09	0.24	nd	-	nd	-	nd	-
8	29.81	0.10	nd	-	nd	-	nd	-	nd	-	232.28	0.15	nd	-	0.94	-	nd	-
9	0.45	-	nd	-	nd	-	nd	-	nd	-	49.77	0.10	-0.12	-	nd	-	nd	-
10	< LQ	0.01	nd	-	nd	-	< LQ	0.11	nd	-	9.55	0.03	nd	-	nd	-	nd	-
11	1.83	-	nd	-	nd	-	nd	-	nd	-	7.65	0.07	0.03	-	12.92	0.04	nd	-
12	2.07	-	nd	-	nd	-	nd	-	nd	-	4688.52	3.23	nd	-	23.39	0.04	nd	-
13	nd	-	nd	-	nd	-	nd	-	nd	-	11954.3	4.88	nd	-	196.94	0.25	nd	-
14	0.53	-	nd	-	nd	-	< LQ	0.02	4.29	-	1857.91	2.34	nd	-	63.25	0.06	nd	-
15	0.09	-	nd	-	nd	-	nd	-	nd	-	40.79	0.09	nd	-	nd	-	nd	-
16	nd	-	nd	-	nd	-	< LQ	0.05	nd	-	37.47	0.08	0.44	0.01	nd	-	nd	-
17	0.02	-	nd	-	nd	-	2.18	0.02	nd	-	nd	-	nd	-	nd	-	nd	-
18	3.19	0.00	nd	-	nd	-	< LQ	0.10	nd	-	103.38	0.16	nd	-	1.49	-	nd	-
19	5.96	-	nd	-	nd	-	nd	-	nd	-	293.44	0.51	nd	-	nd	-	nd	-
20	nd	-	nd	-	nd	-	nd	-	nd	-	515.55	0.30	nd	-	nd	-	nd	-
21	nd	-	nd	-	nd	-	< LQ	0.07	nd	-	103.55	0.05	0.12	-	nd	-	nd	-
22	nd	-	nd	-	nd	-	< LQ	0.04	nd	-	35.48	0.07	nd	-	nd	-	nd	-
23	< LQ	-	nd	-	nd	-	< LQ	0.03	nd	-	173.30	0.08	nd	-	2.15	-	nd	-
24	nd	-	nd	-	nd	-	nd	-	nd	-	140.92	0.30	nd	-	1.42	-	nd	-
25	nd	-	nd	-	nd	-	nd	-	nd	-	2419.83	0.56	nd	-	nd	-	nd	-
26	nd	-	nd	-	nd	-	nd	-	nd	-	461.15	0.53	nd	-	1.10	-	nd	-
27	nd	-	nd	-	nd	-	nd	-	nd	-	129.90	0.08	0.57	-	nd	-	nd	-
28	nd	-	nd	-	nd	-	< LQ	0.01	nd	-	9.63	0.09	nd	-	nd	-	nd	-
29	nd	-	nd	-	nd	-	< LQ	0.02	nd	-	nd	-	nd	-	nd	-	nd	-
30	< LQ	-	nd	-	nd	-	nd	-	nd	-	1076.68	1.22	nd	-	nd	-	nd	-
31	nd	-	nd	-	nd	-	< LQ	0.05	nd	-	nd	-	nd	-	0.61	0.00	nd	-
32	nd	-	nd	-	nd	-	nd	-	nd	-	162.17	0.16	nd	-	nd	-	nd	-
33	< LQ	0.02	nd	-	nd	-	33.39	0.15	nd	-	53.81	0.22	nd	-	1.60	0.01	nd	-
34	0.39	0.02	nd	-	nd	-	< LQ	0.08	nd	-	38.25	0.12	nd	-	nd	-	nd	-
35	< LQ	-	nd	-	nd	-	nd	-	nd	-	151.71	0.04	nd	-	19.30	0.06	nd	-
36	0.60	0.01	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	4.79	0.02	nd	-
37	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	0.83	-	nd	-

	<i>metconazole</i>		<i>methidathion</i>		<i>methoxyfenozide</i>		<i>metoxuron</i>		<i>phoxim</i>		<i>piraclostrobina</i>		<i>pirimicarb</i>		<i>pyridaben</i>		<i>pirimiphos-methyl</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RSD
38	2.11	0.00	nd	-	nd	-	19.86	0.07	nd	-	nd	-	nd	-	nd	-	nd	-
39	0.24	0.02	nd	-	nd	-	nd	-	nd	-	nd	-	0.38	0.00	0.44	-	nd	-
40	1.04	0.02	nd	-	nd	-	4.81	0.04	nd	-	nd	-	nd	-	0.78	0.02	nd	-
41	0.28	0.00	nd	-	nd	-	nd	-	nd	-	24.98	0.11	nd	-	2.22	0.01	nd	-
42	< LQ	-	nd	-	nd	-	< LQ	0.05	nd	-	231.52	0.49	nd	-	1.17	-	nd	-
43	< LQ	-	nd	-	nd	-	< LQ	0.02	nd	-	nd	-	nd	-	34.33	0.15	nd	-
44	33.26	0.04	nd	-	nd	-	nd	-	nd	-	87.34	0.11	nd	-	9.18	0.03	nd	-
45	19.43	0.05	nd	-	nd	-	nd	-	nd	-	157.45	0.27	nd	-	6.27	0.04	nd	-
46	6.41	0.06	nd	-	nd	-	< LQ	0.04	nd	-	nd	-	nd	-	1.61	-	nd	-
47	7.53	0.12	nd	-	nd	-	nd	-	nd	-	62.19	0.17	nd	-	1.56	0.02	nd	-
48	2.01	0.02	nd	-	nd	-	nd	-	nd	-	88.89	0.07	nd	-	2.05	-	nd	-
49	3.24	0.03	nd	-	nd	-	nd	-	nd	-	163.23	0.06	nd	-	5.60	0.02	nd	-
50	0.25	0.03	nd	-	nd	-	< LQ	0.06	nd	-	286.35	0.09	nd	-	nd	-	nd	-
51	< LQ	0.03	21.15	0.03	nd	-	nd	-	nd	-	343.23	0.28	nd	-	10.00	0.01	nd	-
52	1.64	0.01	6.49	0.06	nd	-	nd	-	nd	-	183.15	0.14	nd	-	11.17	0.07	nd	-
53	< LQ	0.01	nd	-	nd	-	< LQ	0.06	nd	-	103.40	0.31	nd	-	nd	-	nd	-
54	1.04	0.02	nd	-	nd	-	75.94	0.13	nd	-	39.38	0.05	nd	-	3.84	-	nd	-
55	1.58	0.02	nd	-	nd	-	< LQ	0.01	nd	-	76.87	0.07	nd	-	nd	-	nd	-
56	< LQ	-	nd	-	nd	-	< LQ	0.05	nd	-	51.18	0.14	nd	-	nd	-	nd	-
57	2.65	0.01	nd	-	nd	-	nd	-	16.39	0.08	222.15	0.33	nd	-	54.07	0.06	nd	-
58	2.84	0.03	nd	-	nd	-	< LQ	0.06	nd	-	12.71	0.09	nd	-	nd	-	nd	-
59	1.45	0.02	nd	-	nd	-	< LQ	0.02	nd	-	0.99	0.03	nd	-	nd	-	nd	-
60	0.30	0.02	nd	-	nd	-	nd	-	nd	-	18.10	0.08	nd	-	nd	-	nd	-
61	nd	-	nd	-	nd	-	< LQ	0.06	nd	-	nd	-	nd	-	1.05	-	nd	-
62	2.23	0.04	nd	-	nd	-	nd	-	nd	-	6.88	0.01	nd	-	nd	-	nd	-
63	< LQ	0.00	2.19	0.01	nd	-	0.32	0.13	nd	-	nd	-	nd	-	1.87	0.07	nd	-
64	3.49	0.02	nd	-	nd	-	< LQ	0.02	nd	-	nd	-	nd	-	2.10	-	nd	-
65	1.08	-	5.60	0.10	nd	-	nd	-	nd	-	747.03	1.13	nd	-	14.36	0.08	nd	-
66	0.18	-	3.54	0.02	nd	-	< LQ	0.07	nd	-	71.79	0.16	nd	-	6.33	0.05	nd	-
67	2.26	0.02	6.29	0.08	nd	-	nd	-	nd	-	234.94	0.50	nd	-	nd	-	nd	-
68	3.63	0.02	6.58	0.03	nd	-	nd	-	nd	-	497.03	0.72	nd	-	1.20	-	nd	-
69	2.36	0.03	nd	-	nd	-	31.61	0.11	nd	-	141.21	0.37	nd	-	8.20	-	5.29	0.04

	<i>metconazole</i>		<i>methidathion</i>		<i>methoxyfenozide</i>		<i>metoxuron</i>		<i>phoxim</i>		<i>piraclostrobina</i>		<i>pirimicarb</i>		<i>pyridaben</i>		<i>pirimiphos-methyl</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RSD
70	0.53	0.00	nd	-	nd	-	nd	-	nd	-	971.61	1.18	nd	-	2.43	0.02	nd	-
71	16.13	0.07	nd	-	nd	-	nd	-	nd	-	572.77	0.44	nd	-	22.27	0.03	nd	-
72	3.08	0.02	nd	-	nd	-	nd	-	nd	-	541.67	0.43	nd	-	3.39	0.01	nd	-
73	9.84	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
74	0.98	0.00	nd	-	nd	-	< LQ	0.04	nd	-	nd	-	nd	-	nd	-	nd	-
75	< LQ	0.02	nd	-	nd	-	< LQ	0.03	nd	-	nd	-	nd	-	0.82	-	nd	-
76	1.08	0.01	nd	-	nd	-	nd	-	nd	-	nd	-	0.76	0.02	nd	-	nd	-
77	0.37	0.03	nd	-	nd	-	< LQ	0.02	nd	-	nd	-	nd	-	1.08	-	nd	-
78	6.90	0.02	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
79	< LQ	0.00	nd	-	nd	-	20.01	0.07	nd	-	nd	-	nd	-	1.80	-	nd	-
80	0.75	0.05	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	9.96	-	nd	-
81	< LQ	0.02	nd	-	nd	-	< LQ	0.08	nd	-	nd	-	nd	-	0.60	0.00	nd	-
82	2.47	-	4.18	0.03	nd	-	< LQ	0.06	nd	-	nd	-	nd	-	0.85	-	nd	-
83	nd	-	2.76	-	nd	-	nd	-	nd	-	3.69	0.03	nd	-	6.15	0.05	8.18	0.08
84	1.59	0.02	nd	-	nd	-	< LQ	0.05	nd	-	10.62	0.05	nd	-	nd	-	nd	-
85	< LQ	0.01	nd	-	nd	-	27.89	0.01	nd	-	nd	-	nd	-	2.99	-	16.00	0.10
86	0.24	0.01	nd	-	nd	-	nd	-	nd	-	5.27	0.03	nd	-	18.74	0.02	nd	-
87	nd	-	6.76	-	21.06	-	nd	-	nd	-	nd	-	nd	-	4.31	0.03	nd	-
88	< LQ	-	nd	-	nd	-	< LQ	0.02	nd	-	4.07	0.05	nd	-	0.81	-	nd	-
89	0.79	-	nd	-	nd	-	nd	-	nd	-	10.29	0.06	nd	-	0.50	-	nd	-
90	3.46	0.04	nd	-	nd	-	nd	-	nd	-	23.25	0.02	nd	-	nd	-	nd	-
91	6.95	0.04	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	6.90	0.04	nd	-
92	83.76	0.12	5.16	0.07	nd	-	nd	-	4.04	0.05	6.83	0.03	10.89	0.03	32.73	0.16	8.49	0.12
93	0.72	0.09	nd	-	nd	-	< LQ	0.19	nd	-	nd	-	0.25	0.00	1.76	0.01	nd	-
94	1.43	0.01	4.13	0.02	nd	-	15.31	0.01	nd	-	nd	-	nd	-	6.82	0.04	11.08	0.06
95	7.65	0.01	6.77	0.04	nd	-	nd	-	nd	-	411.44	0.48	nd	-	12.34	0.05	nd	-
96	4.17	0.00	nd	-	nd	-	nd	-	nd	-	27.99	0.13	nd	-	0.93	-	nd	-
97	2.18	0.03	nd	-	nd	-	nd	-	nd	-	316.07	0.27	nd	-	nd	-	nd	-
98	6.88	0.02	5.77	0.01	nd	-	nd	-	nd	-	72.43	0.17	nd	-	12.23	0.01	nd	-
99	0.21	-	nd	-	nd	-	nd	-	nd	-	14.59	0.04	nd	-	nd	-	nd	-
100	2.14	0.01	nd	-	nd	-	17.68	0.03	nd	-	42.65	0.19	nd	-	1.96	-	nd	-
101	2.99	0.02	nd	-	nd	-	< LQ	0.06	nd	-	6.75	0.05	nd	-	nd	-	30.99	0.05

	<i>metconazole</i>		<i>methidathion</i>		<i>methoxyfenozide</i>		<i>metoxuron</i>		<i>phoxim</i>		<i>piraclostrobina</i>		<i>pirimicarb</i>		<i>pyridaben</i>		<i>pirimiphos-methyl</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RS D	[] ng/mg	RSD
102	1.54	0.03	nd	-	nd	-	nd	-	nd	-	17.35	0.07	nd	-	2.09	-	nd	-
103	5.53	0.04	nd	-	nd	-	nd	-	nd	-	39.22	0.08	nd	-	nd	-	nd	-
104	1.40	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
105	2.09	0.02	nd	-	nd	-	< LQ	0.03	nd	-	nd	-	nd	-	9.71	0.02	nd	-
106	0.04	0.01	7.80	0.04	nd	-	nd	-	nd	-	nd	-	nd	-	2.30	-	nd	-
107	1.84	0.01	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
108	< LQ	0.03	nd	-	nd	-	nd	-	8.94	-	nd	-	-0.86	-	nd	-	nd	-
109	2.03	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
110	3.37	0.01	nd	-	11.48	0.05	nd	-	nd	-	22.54	0.12	2.37	0.01	nd	-	nd	-
111	11.92	0.03	nd	-	nd	-	nd	-	nd	-	60.92	0.26	nd	-	nd	-	nd	-
112	2.13	0.04	nd	-	18.91	0.70	nd	-	nd	-	nd	-	nd	-	0.32	-	nd	-
113	5.53	0.08	nd	-	20.75	-	nd	-	25.13	0.13	nd	-	nd	-	2.22	0.02	nd	-
114	3.90	0.02	nd	-	nd	-	nd	-	nd	-	176.46	0.20	nd	-	1.79	-	nd	-
115	4.80	0.04	nd	-	17.19	0.02	nd	-	nd	-	182.34	0.32	0.36	-	nd	-	nd	-
116	2.60	0.00	nd	-	9.16	-	< LQ	0.04	nd	-	nd	-	nd	-	nd	-	nd	-
117	0.68	0.09	nd	-	nd	-	17.96	0.12	nd	-	nd	-	nd	-	2.27	-	nd	-
118	18.73	0.06	4.10	-	nd	-	nd	-	2.88	-	nd	-	5.88	0.01	nd	-	nd	-
119	4.86	0.02	nd	-	26.17	-	nd	-	nd	-	10.75	0.08	0.61	0.00	2.92	0.04	nd	-
120	3.92	0.06	nd	-	nd	-	nd	-	22.53	0.22	13.21	0.08	102.55	0.25	35.28	0.14	12.91	0.15
121	31.45	0.05	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	3.81	0.02	nd	-

	<i>pyriproxifen</i>		<i>S-metolachlor</i>		<i>spinosad</i>		<i>spirodiclofen</i>		<i>tebuconazole</i>		<i>tebufenozide</i>		<i>thiabendazole</i>		<i>thiametoxam</i>		<i>trifloxystrobin</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
1	2.79	-	4.69	0.03	nd	-	nd	-	602.06	1.69	nd	-	nd	-	2.73	0.04	nd	-
2	nd	-	< LQ	0.09	nd	-	nd	-	37.13	-	nd	-	nd	-	1.36	-	nd	-
3	nd	-	< LQ	0.08	nd	-	nd	-	179.57	1.90	nd	-	nd	-	67.72	0.07	nd	-
4	nd	-	< LQ	0.07	nd	-	nd	-	153.12	2.80	nd	-	nd	-	nd	-	nd	-
5	nd	-	< LQ	0.07	nd	-	nd	-	63.40	0.15	nd	-	nd	-	3.86	0.05	< LQ	0.02
6	nd	-	< LQ	-	nd	-	nd	-	nd	-	nd	-	nd	-	1.87	0.03	nd	-

	<i>pyriproxifen</i>		<i>S-metolachlor</i>		<i>spinosad</i>		<i>spirodiclofen</i>		<i>tebuconazole</i>		<i>tebufenozide</i>		<i>thiabendazole</i>		<i>thiametoxam</i>		<i>trifloxystrobin</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
7	0.58	-	< LQ	0.07	nd	-	nd	-	46.05	-	nd	-	nd	-	< LQ	-	< LQ	0.02
8	nd	-	< LQ	0.07	nd	-	nd	-	22.35	-	nd	-	nd	-	3.12	0.05	< LQ	0.03
9	nd	-	< LQ	0.03	nd	-	nd	-	120.41	4.99	nd	-	nd	-	7.86	0.04	< LQ	0.01
10	nd	-	< LQ	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	6.41	0.05	< LQ	0.01
11	nd	-	< LQ	0.05	2.08	0.00	nd	-	nd	-	nd	-	nd	-	4.13	0.00	< LQ	0.01
12	nd	-	< LQ	0.08	nd	-	nd	-	1061.17	1.32	nd	-	nd	-	544.47	0.39	237.63	0.43
13	nd	-	< LQ	0.09	nd	-	nd	-	5162.67	4.76	nd	-	nd	-	279.05	0.03	1477.93	1.50
14	nd	-	< LQ	0.02	nd	-	nd	-	1012.87	0.61	nd	-	nd	-	647.75	0.43	286.22	0.17
15	1.56	-	< LQ	0.03	nd	-	nd	-	264.96	0.03	nd	-	nd	-	10.48	0.07	nd	-
16	nd	-	< LQ	0.13	nd	-	nd	-	36.82	0.26	nd	-	nd	-	< LQ	0.03	< LQ	-
17	nd	-	1.61	-	0.76	0.01	nd	-	nd	-	nd	-	nd	-	0.60	0.07	nd	-
18	1.12	-	< LQ	0.05	nd	-	nd	-	94.46	0.42	nd	-	nd	-	nd	-	7.93	0.06
19	49.63	0.09	< LQ	0.10	nd	-	nd	-	681.13	0.60	nd	-	nd	-	nd	-	24.46	0.04
20	12.23	0.03	< LQ	0.04	nd	-	nd	-	1506.77	0.75	nd	-	nd	-	19.03	0.02	23.16	0.02
21	nd	-	< LQ	0.02	nd	-	nd	-	255.43	0.69	nd	-	nd	-	4.08	0.15	< LQ	0.01
22	nd	-	< LQ	0.12	nd	-	nd	-	nd	-	nd	-	nd	-	4.94	0.22	4.82	0.01
23	nd	-	4.18	0.08	nd	-	nd	-	73.95	0.31	nd	-	nd	-	0.02	0.14	35.43	0.00
24	1.91	-	4.59	0.08	nd	-	nd	-	281.06	0.21	nd	-	nd	-	11.02	-	20.23	0.05
25	1.47	-	41.01	0.06	nd	-	nd	-	2929.27	1.78	nd	-	nd	-	14.36	0.02	320.16	0.15
26	nd	-	25.68	0.03	nd	-	nd	-	263.47	0.29	nd	-	nd	-	5.46	0.05	25.73	0.08
27	nd	-	< LQ	0.03	nd	-	nd	-	847.90	0.11	nd	-	nd	-	54.67	0.01	nd	-
28	nd	-	< LQ	-	nd	-	nd	-	nd	-	nd	-	nd	-	1.94	0.02	< LQ	0.01
29	nd	-	< LQ	0.06	nd	-	nd	-	nd	-	nd	-	nd	-	6.06	0.02	< LQ	0.01
30	nd	-	< LQ	0.06	nd	-	nd	-	142.81	0.23	nd	-	nd	-	< LQ	-	nd	-
31	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	0.94	0.05	nd	-
32	10.07	0.06	< LQ	0.02	nd	-	nd	-	421.34	0.75	nd	-	nd	-	19.34	0.04	5.26	0.03
33	nd	-	< LQ	0.03	nd	-	nd	-	43.64	0.15	< LQ	0.04	nd	-	1.67	0.00	0.17	0.01
34	nd	-	< LQ	0.03	nd	-	nd	-	nd	-	nd	-	nd	-	2.41	0.01	1.04	0.01
35	20.06	0.01	< LQ	0.01	nd	-	nd	-	571.87	0.67	nd	-	nd	-	7.11	0.01	12.64	0.06
36	nd	-	< LQ	0.07	nd	-	nd	-	60.60	0.13	nd	-	nd	-	2.23	0.02	< LQ	0.01
37	nd	-	< LQ	0.09	nd	-	nd	-	137.49	0.37	nd	-	nd	-	3.68	0.01	3.26	0.00
38	nd	-	< LQ	0.02	nd	-	nd	-	nd	-	nd	-	nd	-	2.81	0.03	< LQ	0.02

	<i>pyriproxifen</i>		<i>S-metolachlor</i>		<i>spinosad</i>		<i>spirodiclofen</i>		<i>tebuconazole</i>		<i>tebufenozide</i>		<i>thiabendazole</i>		<i>thiametoxam</i>		<i>trifloxystrobin</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
39	nd	-	< LQ	-	nd	-	nd	-	55.23	0.16	nd	-	nd	-	4.04	0.00	1.49	0.01
40	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	4.08	0.04	< LQ	0.02
41	nd	-	< LQ	-	nd	-	nd	-	161.12	0.44	nd	-	nd	-	4.38	-	nd	-
42	nd	-	< LQ	0.05	nd	-	nd	-	166.81	0.71	nd	-	nd	-	< LQ	-	< LQ	0.03
43	nd	-	< LQ	0.03	nd	-	nd	-	13.41	-	nd	-	nd	-	< LQ	0.14	nd	-
44	nd	-	< LQ	0.03	nd	-	nd	-	483.09	0.85	nd	-	nd	-	4.97	0.03	< LQ	0.01
45	nd	-	0.63	0.11	nd	-	nd	-	nd	-	nd	-	nd	-	15.68	0.08	1.85	0.01
46	nd	-	0.24	0.01	nd	-	nd	-	nd	-	nd	-	nd	-	3.40	0.02	1.04	0.01
47	nd	-	< LQ	0.12	nd	-	nd	-	nd	-	nd	-	nd	-	27.72	0.05	< LQ	0.03
48	nd	-	3.95	0.09	nd	-	nd	-	nd	-	nd	-	nd	-	< LQ	0.03	< LQ	0.01
49	nd	-	0.28	0.04	nd	-	nd	-	143.62	0.37	nd	-	nd	-	< LQ	0.03	1.07	0.01
50	nd	-	< LQ	0.06	nd	-	nd	-	270.90	0.64	nd	-	nd	-	< LQ	0.02	0.84	0.01
51	nd	-	< LQ	0.03	nd	-	nd	-	279.35	0.04	nd	-	nd	-	16.20	0.03	2.29	0.01
52	nd	-	< LQ	0.08	nd	-	nd	-	82.33	0.31	nd	-	nd	-	2.46	0.00	2.20	0.01
53	nd	-	0.22	0.03	nd	-	nd	-	233.37	0.58	nd	-	nd	-	1.37	0.00	0.07	0.00
54	nd	-	nd	-	nd	-	nd	-	34.01	0.07	nd	-	nd	-	6.66	0.07	< LQ	0.01
55	1.26	-	< LQ	0.05	nd	-	nd	-	182.95	0.15	nd	-	nd	-	1.18	0.04	< LQ	0.01
56	nd	-	< LQ	0.03	nd	-	nd	-	112.08	0.34	nd	-	nd	-	3.44	0.02	< LQ	0.02
57	1.37	0.02	< LQ	0.10	nd	-	nd	-	416.66	0.44	nd	-	nd	-	16.08	0.07	< LQ	0.02
58	0.85	-	< LQ	0.11	nd	-	nd	-	nd	-	nd	-	nd	-	< LQ	0.04	< LQ	0.03
59	nd	-	< LQ	0.04	0.17	-	nd	-	nd	-	nd	-	nd	-	3.78	0.03	< LQ	0.02
60	nd	-	1.91	0.16	nd	-	nd	-	56.29	0.39	nd	-	nd	-	3.59	0.06	0.90	0.01
61	nd	-	< LQ	0.04	nd	-	nd	-	nd	-	nd	-	nd	-	2.62	0.07	< LQ	0.01
62	nd	-	0.70	0.02	nd	-	nd	-	nd	-	nd	-	nd	-	3.77	0.04	1.07	0.01
63	nd	-	< LQ	0.01	nd	-	nd	-	nd	-	nd	-	nd	-	2.96	0.02	0.93	0.01
64	nd	-	0.11	0.05	0.51	0.00	nd	-	nd	-	nd	-	nd	-	2.65	0.05	< LQ	0.02
65	2.39	0.06	7.33	0.09	nd	-	nd	-	577.78	1.40	nd	-	3.59	0.00	6.53	0.01	74.99	0.18
66	nd	-	< LQ	0.03	0.72	0.01	nd	-	nd	-	nd	-	4.55	0.03	< LQ	0.02	3.84	0.02
67	nd	-	< LQ	0.07	nd	-	nd	-	337.52	0.48	nd	-	1.38	0.02	4.60	0.01	35.45	0.04
68	nd	-	< LQ	0.01	0.65	0.01	nd	-	607.59	0.47	0.26	0.04	68.37	0.07	8.83	0.05	29.09	0.03
69	nd	-	< LQ	0.01	nd	-	nd	-	nd	-	nd	-	nd	-	< LQ	0.02	7.05	0.02
70	10.04	0.05	< LQ	0.02	nd	-	nd	-	238.27	0.34	nd	-	nd	-	8.16	0.08	34.49	0.09

	<i>pyriproxifen</i>		<i>S-metolachlor</i>		<i>spinosad</i>		<i>spirodiclofen</i>		<i>tebuconazole</i>		<i>tebufenozide</i>		<i>thiabendazole</i>		<i>thiametoxam</i>		<i>trifloxystrobin</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
71	15.07	0.02	< LQ	0.07	3.32	0.02	nd	-	65.04	0.26	nd	-	4.42	0.04	5.33	0.04	22.66	0.07
72	nd	-	< LQ	0.02	nd	-	nd	-	181.68	0.26	nd	-	nd	-	3.91	0.05	9.30	0.02
73	14.73	0.02	< LQ	0.05	0.46	0.00	nd	-	16.17	0.12	nd	-	nd	-	2.88	0.02	3.85	0.02
74	nd	-	< LQ	0.08	nd	-	nd	-	nd	-	nd	-	nd	-	0.33	0.04	< LQ	0.01
75	nd	-	< LQ	0.07	nd	-	nd	-	340.90	0.30	nd	-	nd	-	< LQ	0.01	0.53	0.03
76	5.97	0.02	< LQ	0.23	nd	-	nd	-	457.39	0.82	nd	-	nd	-	6.10	0.03	5.69	0.01
77	nd	-	2.41	0.13	nd	-	nd	-	53.84	0.42	nd	-	nd	-	2.11	0.02	2.21	0.02
78	9.66	0.02	2.03	0.01	7.69	0.01	nd	-	774.93	1.00	nd	-	nd	-	25.15	0.07	11.67	0.05
79	nd	-	< LQ	0.03	nd	-	nd	-	30.67	0.18	nd	-	nd	-	1.87	0.02	nd	-
80	7.92	0.01	< LQ	-	nd	-	nd	-	647.34	0.65	nd	-	nd	-	9.31	0.01	5.53	0.05
81	nd	-	< LQ	0.16	0.38	-	nd	-	nd	-	nd	-	nd	-	0.96	0.04	< LQ	0.02
82	nd	-	< LQ	0.04	0.47	-	nd	-	nd	-	nd	-	nd	-	3.15	0.06	9.45	0.04
83	nd	-	< LQ	0.09	nd	-	nd	-	109.37	0.11	nd	-	1.37	0.01	4.65	0.02	13.46	0.02
84	146.35	0.05	< LQ	0.03	nd	-	nd	-	324.33	0.25	nd	-	21.87	0.01	4.38	0.00	40.79	0.05
85	278.17	0.20	27.57	0.15	nd	-	nd	-	60.26	0.55	nd	-	2.06	0.01	< LQ	-	27.04	0.11
86	312.73	0.42	1.48	0.00	nd	-	nd	-	441.81	0.32	nd	-	2.26	0.03	3.84	0.02	48.84	0.03
87	nd	-	< LQ	0.17	nd	-	nd	-	452.67	0.58	nd	-	nd	-	5.09	0.04	25.57	0.07
88	nd	-	0.48	0.03	nd	-	nd	-	648.44	0.36	nd	-	nd	-	2.67	0.02	32.37	0.10
89	nd	-	0.04	0.01	0.34	-	nd	-	310.91	0.84	nd	-	nd	-	5.56	0.08	16.82	0.04
90	1.63	-	< LQ	0.04	nd	-	nd	-	56.98	0.17	nd	-	1.33	0.01	2.54	0.02	0.59	0.01
91	nd	-	< LQ	0.20	3.50	-	nd	-	843.91	0.88	nd	-	2.48	0.03	4.91	0.06	100.65	0.10
92	1.82	-	7.24	0.02	3.33	-	3.04	0.09	87.40	0.20	< LQ	0.07	14.94	0.04	17.06	0.03	11.48	0.06
93	nd	-	1.54	0.06	0.60	-	nd	-	nd	-	6.34	0.01	nd	-	4.15	0.06	4.26	0.04
94	nd	-	6.42	0.06	2.02	0.02	nd	-	nd	-	nd	-	nd	-	3.20	0.02	7.21	0.02
95	16.49	0.01	27.92	0.19	4.67	0.02	nd	-	190.22	0.12	nd	-	nd	-	7.62	0.02	9.64	0.03
96	1.36	-	2.15	0.03	nd	-	nd	-	10.50	0.12	nd	-	nd	-	4.26	0.01	nd	-
97	nd	-	< LQ	0.05	nd	-	nd	-	123.59	0.17	nd	-	nd	-	6.87	0.02	nd	-
98	nd	-	< LQ	0.13	0.57	-	nd	-	86.36	0.19	nd	-	nd	-	3.33	0.01	6.62	0.02
99	nd	-	< LQ	0.02	nd	-	nd	-	nd	-	nd	-	nd	-	3.00	0.00	nd	-
100	nd	-	1.29	0.04	0.27	-	nd	-	nd	-	nd	-	nd	-	2.88	0.02	0.14	0.01
101	2.09	0.04	< LQ	0.04	nd	-	nd	-	nd	-	nd	-	nd	-	5.01	0.05	3.87	0.03
102	nd	-	0.52	0.02	nd	-	nd	-	64.01	0.29	nd	-	nd	-	3.56	0.09	11.18	0.06

	<i>pyriproxifen</i>		<i>S-metolachlor</i>		<i>spinosad</i>		<i>spirodiclofen</i>		<i>tebuconazole</i>		<i>tebufenozide</i>		<i>thiabendazole</i>		<i>thiametoxam</i>		<i>trifloxystrobin</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
103	nd	-	< LQ	0.03	0.53	-	nd	-	296.94	0.45	nd	-	nd	-	6.45	0.07	17.49	0.04
104	nd	-	< LQ	0.06	0.62	0.00	nd	-	nd	-	nd	-	nd	-	6.11	0.02	1.15	0.01
105	nd	-	< LQ	0.12	2.39	0.01	nd	-	nd	-	nd	-	nd	-	6.26	0.00	2.80	0.02
106	nd	-	0.38	0.03	nd	-	nd	-	nd	-	nd	-	nd	-	7.23	0.03	0.64	0.00
107	nd	-	4.92	0.08	0.87	-	nd	-	nd	-	nd	-	nd	-	2.59	0.04	4.80	0.02
108	nd	-	0.67	-	nd	-	nd	-	nd	-	nd	-	nd	-	13.61	0.03	9.07	0.03
109	nd	-	nd	-	0.48	0.01	nd	-	139.13	0.12	nd	-	nd	-	4.27	0.05	8.20	0.04
110	nd	-	0.04	-	0.42	-	nd	-	293.27	0.41	nd	-	6.96	0.04	3.57	0.04	7.78	0.05
111	nd	-	1.41	0.05	nd	-	nd	-	865.25	0.44	nd	-	9.54	0.02	3.43	0.04	0.13	0.01
112	nd	-	1.40	0.10	nd	-	nd	-	nd	-	nd	-	nd	-	5.07	0.03	6.87	0.05
113	nd	-	0.99	0.13	0.83	-	nd	-	69.84	0.21	nd	-	nd	-	4.88	0.01	16.72	0.02
114	48.81	0.03	6.14	0.09	2.67	-	nd	-	136.91	0.22	nd	-	nd	-	10.92	0.08	4.54	0.04
115	50.90	0.04	0.91	0.05	1.20	-	nd	-	144.49	0.13	nd	-	nd	-	8.75	0.05	7.85	0.03
116	nd	-	< LQ	0.03	nd	-	nd	-	nd	-	8.45	0.09	34.78	0.07	2.15	0.00	nd	-
117	nd	-	< LQ	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-	nd	-
118	nd	-	< LQ	-	2.41	0.01	nd	-	79.45	0.44	nd	-	nd	-	8.17	0.01	9.11	0.03
119	1.62	-	< LQ	0.00	nd	-	nd	-	nd	-	nd	-	nd	-	0.98	0.03	5.05	0.02
120	nd	-	nd	-	nd	-	nd	-	30.15	0.27	nd	-	nd	-	1.20	0.02	5.62	0.02
121	nd	-	< LQ	0.03	nd	-	nd	-	nd	-	nd	-	54.80	0.05	nd	-	nd	-

	<i>Triflumizole</i>		<i>triforin</i>		<i>triadimenol</i>		<i>zoxamide</i>	
<i>Amostra</i>	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
1	nd	-	nd	-	688.01	2.36	nd	-
2	nd	-	nd	-	741.83	5.04	nd	-
3	nd	-	nd	-	nd	-	nd	-
4	nd	-	nd	-	nd	-	nd	-
5	nd	-	nd	-	1030.80	4.22	nd	-
6	nd	-	nd	-	3663.51	5.46	nd	-
7	nd	-	nd	-	nd	-	nd	-

<i>Amostra</i>	<i>Triflumizole</i>		<i>triforin</i>		<i>triadimenol</i>		<i>zoxamide</i>	
	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
8	nd	-	nd	-	914.83	4.19	nd	-
9	nd	-	nd	-	nd	-	nd	-
10	nd	-	nd	-	987.69	0.47	nd	-
11	nd	-	nd	-	352.75	1.14	nd	-
12	nd	-	nd	-	754.37	4.56	nd	-
13	nd	-	nd	-	515.23	1.87	nd	-
14	nd	-	nd	-	1009.94	2.72	nd	-
15	nd	-	nd	-	629.51	5.82	nd	-
16	nd	-	nd	-	537.40	6.74	nd	-
17	nd	-	nd	-	nd	-	nd	-
18	1672.06	0.89	nd	-	nd	-	nd	-
19	12282.40	5.13	nd	-	nd	-	nd	-
20	8850.66	2.84	nd	-	nd	-	nd	-
21	1533.17	1.21	nd	-	nd	-	nd	-
22	nd	-	nd	-	nd	-	1.45	-
23	nd	-	nd	-	nd	-	nd	-
24	nd	-	nd	-	nd	-	nd	-
25	nd	-	nd	-	nd	-	nd	-
26	nd	-	nd	-	nd	-	0.08	-
27	nd	-	nd	-	nd	-	nd	-
28	nd	-	nd	-	nd	-	nd	-
29	nd	-	nd	-	nd	-	nd	-
30	nd	-	nd	-	nd	-	nd	-
31	nd	-	nd	-	nd	-	nd	-
32	nd	-	nd	-	nd	-	nd	-
33	nd	-	nd	-	nd	-	nd	-
34	nd	-	nd	-	nd	-	nd	-
35	nd	-	nd	-	nd	-	nd	-
36	nd	-	nd	-	nd	-	nd	-
37	nd	-	nd	-	nd	-	nd	-
38	nd	-	nd	-	nd	-	nd	-
39	nd	-	nd	-	nd	-	nd	-

<i>Amostra</i>	<i>Triflumizole</i>		<i>triforin</i>		<i>triadimenol</i>		<i>zoxamide</i>	
	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
40	nd	-	nd	-	nd	-	nd	-
41	nd	-	nd	-	nd	-	nd	-
42	nd	-	nd	-	nd	-	nd	-
43	nd	-	nd	-	nd	-	nd	-
44	nd	-	nd	-	nd	-	nd	-
45	nd	-	nd	-	nd	-	0.99	0.00
46	nd	-	nd	-	nd	-	0.83	0.01
47	nd	-	nd	-	nd	-	0.38	0.01
48	nd	-	nd	-	nd	-	0.86	0.00
49	nd	-	nd	-	nd	-	4.71	0.03
50	nd	-	nd	-	nd	-	nd	-
51	nd	-	nd	-	nd	-	nd	-
52	nd	-	nd	-	nd	-	2.23	0.02
53	nd	-	nd	-	nd	-	nd	-
54	nd	-	nd	-	nd	-	nd	-
55	nd	-	nd	-	nd	-	nd	-
56	nd	-	nd	-	nd	-	nd	-
57	248.13	1.36	nd	-	nd	-	nd	-
58	nd	-	nd	-	nd	-	0.16	-
59	nd	-	nd	-	nd	-	nd	-
60	nd	-	nd	-	nd	-	0.58	-
61	nd	-	nd	-	nd	-	nd	-
62	nd	-	nd	-	nd	-	nd	-
63	nd	-	nd	-	nd	-	nd	-
64	nd	-	nd	-	nd	-	nd	-
65	34.36	0.06	nd	-	nd	-	nd	-
66	nd	-	nd	-	nd	-	nd	-
67	nd	-	nd	-	nd	-	1.82	0.00
68	nd	-	nd	-	nd	-	1.20	-
69	nd	-	nd	-	nd	-	nd	-
70	85.39	0.18	nd	-	nd	-	nd	-
71	50.36	0.28	nd	-	nd	-	nd	-

<i>Amostra</i>	<i>Triflumizole</i>		<i>triforin</i>		<i>triadimenol</i>		<i>zoxamide</i>	
	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
72	46.20	0.13	nd	-	nd	-	0.94	-
73	nd	-	nd	-	nd	-	1.13	0.01
74	nd	-	nd	-	nd	-	nd	-
75	26.90	0.10	nd	-	nd	-	nd	-
76	nd	-	nd	-	nd	-	nd	-
77	36.60	0.42	nd	-	nd	-	0.84	-
78	75.04	0.29	nd	-	3470.18	-	5.36	0.02
79	31.60	0.18	nd	-	1147.04	2.70	nd	-
80	nd	-	nd	-	nd	-	nd	-
81	nd	-	nd	-	nd	-	1.21	-
82	42.77	0.13	nd	-	nd	-	0.20	-
83	32.77	0.12	nd	-	nd	-	nd	-
84	nd	-	nd	-	nd	-	nd	-
85	nd	-	nd	-	nd	-	0.43	-
86	nd	-	nd	-	nd	-	nd	-
87	181.88	0.30	nd	-	nd	-	nd	-
88	703.50	1.87	nd	-	nd	-	nd	-
89	108.37	0.53	nd	-	nd	-	1.07	-
90	73.46	0.50	nd	-	nd	-	1.33	0.02
91	nd	-	nd	-	778.63	-	nd	-
92	nd	-	7.06	0.09	471.25	3.11	29.13	0.05
93	nd	-	nd	-	486.95	1.32	10.73	0.04
94	nd	-	nd	-	nd	-	2.85	0.01
95	680.04	2.29	nd	-	nd	-	nd	-
96	nd	-	nd	-	nd	-	nd	-
97	284.90	0.59	nd	-	nd	-	nd	-
98	nd	-	nd	-	nd	-	nd	-
99	nd	-	nd	-	nd	-	nd	-
100	nd	-	nd	-	nd	-	nd	-
101	nd	-	nd	-	nd	-	nd	-
102	nd	-	nd	-	nd	-	nd	-
103	31.84	0.21	nd	-	nd	-	nd	-

<i>Amostra</i>	<i>Triflumizole</i>		<i>triforin</i>		<i>triadimenol</i>		<i>zoxamide</i>	
	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD	[] ng/mg	RSD
104	nd	-	nd	-	nd	-	3.12	-
105	nd	-	nd	-	nd	-	2.78	-
106	nd	-	nd	-	nd	-	2.81	-
107	nd	-	nd	-	nd	-	nd	-
108	nd	-	nd	-	nd	-	4.66	-
109	301.82	0.76	nd	-	nd	-	1.31	-
110	21.86	0.05	nd	-	nd	-	2.88	-
111	68.49	0.36	nd	-	nd	-	nd	-
112	59.78	0.10	nd	-	nd	-	nd	-
113	79.78	0.36	nd	-	nd	-	3.84	-
114	nd	-	nd	-	nd	-	4.27	-
115	nd	-	nd	-	2546.50	-	106.49	0.04
116	nd	-	nd	-	1589.70	4.39	nd	-
117	nd	-	nd	-	244.51	-	1.56	-
118	nd	-	nd	-	351.35	0.64	nd	-
119	nd	-	nd	-	nd	-	4.54	-
120	46.82	0.29	nd	-	1343.46	-	nd	-
121	nd	-	29.52	-	1769.40	2.13	2.13	-

