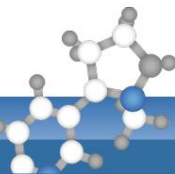
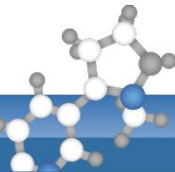


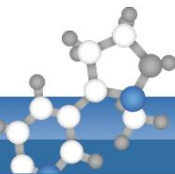
Method name	GC-Orbitrap-Screening		
Instrument	GC-Orbitrap with PTV injector		
Chromatographic method	GC		
Extraction method	QuEChERS		
Clean-up	PSA		
Use of AP (analyte protectant)	no		
Internal standard(s)	D <sub>10</sub> Chlorpyrifos , PCB 138 and Propyzamid D <sub>3</sub>		
Instrument parameters			
Ionisation mode	EI(+)		
Column	Agilent DB-5MS 30m, 0,25mmID, 0,25µm		
Pre-column	Yes, see column 0.500m		
injection temperature (°C)	50°C		
Run time (min)	32 min.		
Oven program	Level	Temp [°C]	Time [ min]
	30.00	220	0.00
	5.00	260	0.00
	20.00	280	15.00
	0.0 (off)		
Injection volume (µL)	2		
Dilution	no		
Compounds in screening list			
1,4-Dichlorobenzene			
1,4-Dimethylnaphthalene			
1,4-Dimethylnaphthalene: M21			
1-Naphthylacetamide			
2-(Trifluoromethyl)benzoic acid			
2,4,5-T-1-butyl			
2,4,5-T-1-octyl			
2,4,5-T-2-butyl			
2,4,5-T-2-ethylhexyl			
2,4,5-T-isopropyl			
2,4,5-T-methyl			
2,4,5-Trichlorophenol			
2,4,6-Trichlorophenol			
2,4-D propylene glycol			
2,4-D-1-butyl butyl			
2,4-D-2-ethylhexyl			
2,4-DB-butoxyethyl			
2,4-DB-ethylhexyl			
2,4-DB-methyl			
2,4-D-ethyl			
2,4-Dichlorophenol			
2,4-D-isobutyl			
2,4-D-isooctyl			
2,4-D-isopropyl			
2,4-D-methyl			
2,4-DP-2-ethylhexyl			
2,5-Dichlorobenzoic acid			
2,5-Dichlorobenzoic acid methyl ester			



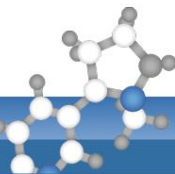
2,6-Dichlorobenzamide
2,6-Difluorobenzamide
2-Amino-4-methoxy-6-methyl-1,3,5-triazine
2-Hydroxyethyl oleate
3-(Trifluoromethyl)benzoic acid
3,4,5-Trimethacarb
3,4-Dichloroaniline
3-Indolyl-acetic acid-ethyl
3-Phenoxybenzaldehyde
3-Phenoxybenzoic acid
4,4'-Dibromobenzophenone
4,4'-Dichlorobenzophenone
4,5-Dichloro-2-methyl-1,2-thiazol-3-one
4,5-dichloro-2-octyl-2H-isothiazol-3-one
4-Chloranil +H <sub>2</sub>
4-Chlorobenzoic acid
4-Fluoro-3-phenoxybenzaldehyde
4-Fluoro-3-phenoxybenzoic acid
5-Bromo-5-nitro-1,3-dioxane
5-Nitroguaiacol
8-Hydroxyquinoline
Acephate
Acequinocyl degradation product
Acetamiprid IM-1-3
Acetochlor
Acibenzolar-S-methyl
Aclonifen
Acrinathrin 1
AD-67
Alachlor
Aldrin
Allethrin
Ametoctradin
Ametryn
Aminocarb
Aminocyclopyrachlor
Amisulbrom
Amisulbrom IT-4 degradation product
Amitraz
Amitraz: N-(2,4-Dimethylphenyl)formamide
Ancymidol
Anthraquinone
Aspon
Atrazine
Atrazine-desethyl
Atrazine-desisopropyl
Azaconazole
Azinphos-Ethyl
Azinphos-methyl
Azoxystrobin
Azoxystrobin: 2-Hydroxybenzotrile



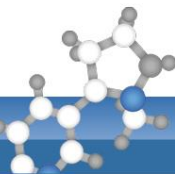
Benalaxyl
Benazolin-ethyl
Bendiocarb
Benfluralin
Benfuresate
Benodanil
Benoxacor
Benthiavalicarb-isopropyl
Benzovindiflupyr
Benzpyrimoxan
Benzthiazuron
Benzylparaben
Bicyclopyrone
Bifenazate
Bifenox
Bifenthrin
Bioallethrin
Biphenyl
Bistrifluron degrad product
Bitertanol
Bixafen
Boscalid
Broflanilide
Bromacil
Bromfenvinfos
Bromobutide
Bromocyclen
Bromophos
Bromophos-ethyl
Bromopropylate
Bromoxynil
Bromuconazole
Bupirimate
Bupirimate-desethyl
Buprofezin
Butachlor
Butafenacil
Butamifos
Butralin
Buturon
Butyiparaben
Butylate
Cadusafos
Cafenstrole
Captafol
Captan
Captan: cis-1,2,3,4-THPI-3-hydroxy
Captan: THPAM -H2O (THPI)
Carbetamide
Carbofuran-3-keto
Carbofuranphenol-3-keto



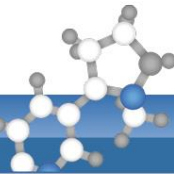
Carbophenothion
Carbophenothion-Methyl
Carboxin
Carfentrazone-ethyl
Carpropamid
Carvone
CGA140408/177960, Met Diafenthiuron
Chinomethionat
Chlormethoxyfen
Chlorbenzuron GC degradation product
Chlorbromuron
Chlordane, alpha- (cis-)
Chlordane, gamma- (trans-)
Chlordecone
Chlorethoxyfos
Chlorfenapyr
Chlorfenprop-methyl
Chlorfenson
Chlorfenvinphos
Chlorflurenol-methyl
Chloridazon
Chloridazon-methyl-desphenyl
Chlormephos
Chlornitrofen
Chloroneb
Chloropropylate
Chlorothalonil
Chlorothalonil: 2,4-Dichloro-1,3-benzenedicarbonitrile
Chlorothalonil: 2,5-dichloro-1,3-benzenedicarbonitrile
Chlorotoluron CGA 16340 degr prod 1
Chlorotoluron CGA 16340 degr prod 1
Chlorotoluron, degradation product
Chloroxuron
Chlorpropham
Chlorpropham: 3-Chloro-4-hydroxyaniline
Chlorpyrifos
Chlorpyrifos-(Me): 2,3,5-Trichloro-6-methoxypyridine
Chlorpyrifos-methyl
Chlorpyrifos-methyl-oxon
Chlorpyrifos-oxon
Chlorthal-dimethyl
Chlorthion
Chlorthiophos
Chlozolinate
Chrysanthemic acid
Cinerin 1
Cinidon (free acid), Degradation product
Cinidon-ethyl
Cinidon-Ethyl E-Isomer
Cinmethylin
Clethodim sulfoxid GC degradation product



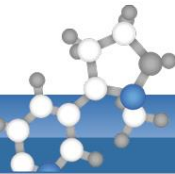
Clethodim-sulfone
Climbazole
Clodinafop-Propargyl
Clofentezine (H2-Addukt)
Clomazone
Clopyralid-CO2
Cloxyfonac
Coumaphos
Coumaphos-alcohol
Coumaphos-deschloro (Potasan)
Coumaphos-oxon
Crimidine
Crotoxyphos
Crufomate
Cyanazine
Cyanophos
Cyclaniliprole
Cycloxydim: BH 517-T2S
Cycluron
Cyenopyrafen
Cyflufenamid
Cyflumetofen
Cyfluthrin sum
Cyhalofop-butyl
Cyhalothrin-lambda 1
Cymiazole
Cypermethrin sum
Cyprazine
Cyproconazole
Cyprodinil
Cyprodinil: CGA 304075
Cyprofuram
Cyromazine
DCPTA
DDD, o,p-
DDD, p,p-
DDE, o,p-
DDE, p,p-
DDT, o,p-
DDT, p,p-
DEET
DEET-desethyl
Deltamethrin; cis-
Deltamethrinic acid
Deltamethrin-trans
Demeton-S-methyl
Desmetryn
Diafenthiuron
Diafenthiuron: CGA 177960
Dialifos
Di-allate



Diazinon
Diazinon: 2-Isopropyl-6-methyl-4-pyrimidinol
Dichlobenil
Dichlofenthion
Dichlofluamid
Dichlone
Dichlormid
Dichlorvos
Diclobutrazol
Diclofop-methyl
Dicloran
Dicofol
Dicrotophos
Dieldrin
Diethofencarb
Diethyl aminoethyl hexanoate
Diethylthiophosphate as methylester
Difenoconazole
Difenoconazole alcohol
Difenoconazole ketone
Diflubenzuron: 4-Chlorophenylurea
Diflufenican
Diiodomethyltolylsulfone degra. prod.
Dimefuron
Dimepiperate
Dimethachlor
Dimethachlor CGA50266 -CO2
Dimethenamid
Dimethenamid-P M656PH023 -CO2
Dimethipin
Dimethirimol
Dimethoat Carboxylic acid Methylester
Dimethoate
Dimethomorph
Dimethylvinphos
Dimoxystrobin
Dimpropyridaz
Diniconazole
Dinitramine
Dinobuton
Dinoseb
Dinoseb acetate
Dinoterb
Dioxabenzofos
Dioxathion
Diphenamid
Diphenylamine
Dipropetryn
Diquat dipyridone
Diquat monopyridone
Disulfoton

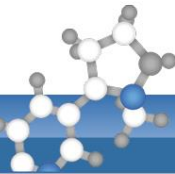


Disulfoton-sulfone
Ditalimfos
Dithianon 2-Hydroxy-1,4-naphthoquinon
Dithianon-Diol
Dithianon-Naphthoquinone
Dithianon-Phthalaldehyde
Dithiopyr
Dodemorph
Edifenphos
Endosulfan-alpha
Endosulfan-beta
Endosulfan-sulfate
Endrin
Endrin-keton
EPN
Epoxiconazole
EPTC (S-ethyl-dipropyl-thiocarbamate)
Erbon
Esprocarb
Etaconazole
Ethaboxam
Ethalfuralin
Ethiofencarb
Ethiolate
Ethion
Ethiprole sulfone
Ethirimol
Ethofumesate
Ethofumesate open ring 2-keto
Ethoprophos
Ethoxyquin
Ethoxyquin: 2,2,4-Trimethyl-1,2-dihydroquinoline
Ethoxyquin: DHEQ
Ethoxyquin-Dimer
Ethylene diisothiocyanate
Ethylcin
Ethyl-N-(3-hydroxyphenyl)-carbamate
Ethylparaben
Etofenprox
Etofenprox: Alpha-Co
Etoxazole
Etridiazole
Etridiazole: T-07
Famoxadone
Famphur Famophos
Fenamidone
Fenamiphos
Fenamiphos-sulfone
Fenarimol
Fenazaflor degradation product
Fenazaquin

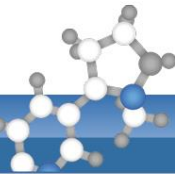


Fenazaquin: 4-QHQ
Fenbuconazole
Fenchlorazole-Ethyl
Fenchlorphos
Fenclorim
Fenfuram
Fenhexamid
Fenitrothion
Fenobucarb
Fenoprop-methyl
Fenothiocarb
Fenoxanil
Fenoxycarb
Fenpiclonil
Fenpropathrin
Fenpropidin
Fenpropimorph
Fenpyrazamine
Fenpyroximate
Fenpyroximate: M3
Fenson
Fensulfothion
Fensulfothion-oxon
Fensulfothion-oxon-sulfone
Fensulfothion-sulfone
Fenthion
Fenthion-sulfone
Fenuron
Fenvalerate: CPIA
FenvalerateEsfenvalerate (sum)
Ferimzone
Fipronil
Fipronil-amide
Fipronil-desulfinyl
Fipronil-sulfide
Fipronil-sulfone
Flamprop-methyl
Flamprop-M-isopropyl
Flonicamid: TFNA-AM
Florpyrauxifen acid (-CO <sub>2</sub> )
Florpyrauxifen-benzyl
Fluacrypyrim
Fluazifop-p-butyl
Fluazinam
Flubenzimine
Fluchloralin
Flucythrinate 1
Fludioxonil
Fludioxonil: CGA 192155
Fludioxonil-carboxylic acid (-CO <sub>2</sub> )
Fluensulfone

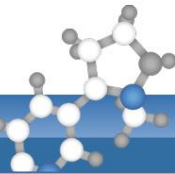




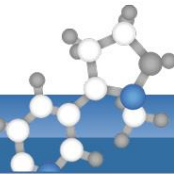
Flufenacet
Flufenacet Alcohol
Flufenacet: 4-Fluoro-N-isopropylaniline
Flufiprole
Flumethrin
Flumethrin acid
Flumetralin
Flumiclorac-Pentyl
Flumioxazin
Fuometuron
Fuometuron: TFMA
Fuometuron-desmethyl
Fuometuron-N,N-desmethyl
Fluopicolide
Fluopimomide
Fluopyram
Fluopyram-Benzamide
Fluopyram-PAA (-CO <sub>2</sub> )
Fluorodifen
Fluoroglycofen-ethyl
Fluroimide
Fluotrimazole
Flupyrimin
Fluquinconazole
Flurochloridone
Fluroxypyr-Meptyl
Flurprimidol
Flurtamone
Flusilazole
Flutianil
Flutolanil
Flutolanil-desisopropyl
Flutolanil-Hydroxy
Flutriafol
Fluvalinate-enamine
Fluvalinate-tau 1
Fluxametamide degrad product
Fluxapyroxad
Folpet
Formothion
Fosthiazate
Fuberidazole
Fumagillol
Furalaxyl
Furathiocarb
Genite
Griseofulvin
Halauxifen -CO <sub>2</sub>
Halauxifen-methyl
Halfenprox
Haloaniline



Haloxyfop-etotyl
HCH-alpha
HCH-beta
HCH-delta
HCH-gamma
Heptachlor
Heptachlorepoxyd-cis
Heptachlorepoxyd-trans
Heptylparaben
Hexachlorobenzene
Hexaconazole
Hexazinone
Hexythiazox
Hexythiazox: PT-1-3
Imazalil
Imazalil: FK-284
Inabenfide
Indaziflam
Indoxacarb
Indoxacarb: IN-KG 433 degr. prod.
Inpyrfluxam
Iodocarb
Ioxynil
Ipfencarbazone
Ipfentrifluconazole
Ipflufenquin
Iprobenfos
Iprodione
Iprodione: RP30228
Iprodione-des-(N-isopropylcarboxamid)
Iprovalicarb 1
Isazofos
Isobutylparaben
Isocarbamid
Isocarbophos
Isodrin
Isufenphos
Isufenphos-Methyl
Isfetamid
Isflucypram
Isomethiozin
Isoprocarb
Isopropylparaben
Isoprothiolane
Isopyrazam anti
Isxaben: 2,6-dimethoxybenzamide
Isxadifen-ethyl
Isxathion
KIF-3535-M-31 (Metabolit von Mepanipyrim)
Kinetin
Kinoprene



Kresoxim-methyl
Lactofen
Lambda-cyhalothric acid
Lauryl dimethylamine-N-oxide
Lenacil
Leptophos
Linuron
Malaoxon
Malathion
Matrine
MCPA-2-ethylhexyl
MCPA-butoxyethyl
MCPA-methyl
Mecarbam
Mecoprop-1-octyl
Mecoprop-2,4,4-trimethylpentyl
Mecoprop-2-octyl_1
Mecoprop-methyl
Mefenacet
Mefenpyr-diethyl
Mefentrifluconazole
Mefluidide
Mepanipyrim
Mephosfolan
Mepronil
Meptyldinocap
Metaflumizone ketone
Metalaxyl
Metalaxyl: CGA 107955
Metalaxyl: CGA 108905
Metalaxyl: CGA 67869
Metalaxyl: CGA 94689
Metalaxyl-M
Metamifop
Metamitron
Metazachlor
Metazachlor Met 479M016 GC degradation product1
Metazachlor: 479MO4 (-CO2)
Metconazole
Methabenzthiazuron
Methacrifos
Methamidophos
Methazole
Methiocarb
Methiocarb-Sulfone
Methoprene
Methoprotryne
Methoxychlor
Methyl-nonyl ketone (Undecan-2-one)
Metobromuron
Metobromuron: 4-Bromophenylurea as isocyanate

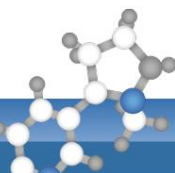


Metobromuron-desmethyl
Metolachlor
Metolachlor Oxalamic acid (CGA 351916) -CO2
Metominostrobin-(E)
Metrafenone
Metribuzin
Metribuzin-desamino
Metribuzin-desamino-diketo
Metribuzin-diketo
Metyltetraprole
Mevinphos
Molinate
Monalide
Monocrotophos
Monolinuron
Myclobutanil
Naled
Naphthalene
Naproanilide
Napropamide
Napropamide-M
Nereistoxin
Nitrapyrin
Nitrofen
Nitrothal-isopropyl
Nuarimol
Octachlorostyrene
Octhilinone
Ofurace
Omethoate
OPP 2-Phenylphenol
OPP: 2-Phenylhydroquinone
Orbencarb
Orysastrobin
Oxadiazon
Oxadixyl
Oxamyl
Oxycarboxin
Oxychlorane
Oxyfluorfen
Paclobutrazol
Paraben-Methyl
Paraben-Propyl
Paraoxon
Paraoxon-methyl
Parathion
Parathion-methyl
Pebulate
Penconazole
Penconazole: CGA127841_1
Penconazole: CGA132465_1



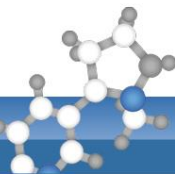
European  
Commission

# EURL-SRM

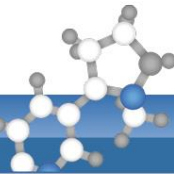


EU Reference Laboratories for Residues of Pesticides  
Single Residue Methods

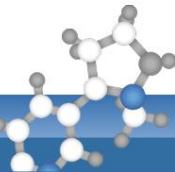
Penconazole: CGA190503
Pencycuron
Pencycuron-PB-amine
Pendimethalin
Pendimethalin: M455H029
Pendimethalin-4-hydroxymethyl
Penflufen
Pentachloroaniline
Pentachloroanisole
Pentachlorobenzene
Pentachlorobenzonitrile
Pentachlorophenol
Pentanochlor
Penthiopyrad
Penthiopyrad-carboxamide (PAM)
Pentoxazone
Permethrin 1
Permethrinic acid
Perthan
Pethoxamid
Phenamacril
Phenkapton
Phenothiazine
Phenothiazine-sulfone
Phenthoate
Phenylparaben
Phorate
Phorate-oxon-sulfone
Phorate-oxon-sulfoxide
Phorate-Sulfone
Phosalone
Phosfolan
Phosfolan-methyl
Phosmet
Phosphamidon
Phoxim
Phthalimide
Picaridin
Picloram-CO2
Picolinafen
Picoxystrobin
Pindon
Pinoxaden: M2
Pinoxaden: M4
Piperonyl Butoxide
Piperophos
Pirimicarb
Pirimicarb-desamido-desmethyl
Pirimicarb-Desmethyl
Pirimiphos-ethyl
Pirimiphos-methyl



Pirimiphos-methyl-N-desethyl
Prallethrin
Pretilachlor
Probenazole
Prochloraz
Prochloraz: BTS 40348
Procymidone
Profenofos
Profluralin
Promecarb
Prometon
Prometryn
Propachlor
Propanil
Propaphos
Propargite
Propargite: Cyclohexanol-2-(4-tert-butyl-phenoxy)
Propazine
Propetamphos
Propham
Propiconazole
Propiconazole: CGA 91304
Propiconazole: NOA436613
Propiconazole: SYN547889
Propoxur
Propoxur: 2-Isopropoxyphenol
Propylene diisothiocyanate
Propyzamide
Proquinazid
Proquinazid: IN-MM671
Proquinazid: IN-MU210 (-72Bruchstück)
Proquinazid: IN-MW977
Prosulfocarb
Prothioconazole-desthio
Prothiophos
Prothoate
Pydiflumetofen
Pyflubumide
Pyflubumide-des(2-methyl-1-oxopropyl)
Pymetrozine
Pyracarbolid
Pyraclufos
Pyraclonil
Pyraclostrobin
Pyraflufen
Pyraflufen-ethyl
Pyraziflumid
Pyrazophos
Pyributicarb
Pyridaben
Pyridalyl

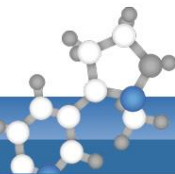


Pyridaphenthion
Pyrifenox 1
Pyrifluquinazon
Pyrifluquinazon desacetyl
Pyriftalid
Pyrimethanil
Pyrimethanil: 2-Amino-4,6-dimethylpyrimidine
Pyrimethanil: 4,6-dimethyl-2-(phenylamino)pyrimidin-5-ol
Pyrimethanil-4-Hydroxy
Pyrimidifen
Pyriminobac-methyl-(E)
Pyriminostrobin
Pyriofenone
Pyriproxyfen
Pyrisoxazole
Pyriothiobac
Pyroquilon
Quinalphos
Quinoclamine
Quinoxifen
Quintozene
Quyingding
Rabenzazole
Resmethrin 2
S 421
Sebuthylazine
Secbumeton
Sedaxane 2
Sethoxydim
Silafluofen
Silthiofam
Simazine
Simetryn
Spirodiclofen
Spiromesifen
Spiromesifen-enol
Spirotetramat
Spirotetramat-keto-hydroxy
Spirotetramat-mono-hydroxy
Spiroxamine
Sulfotep
Sulprofos
Swep
TCMTB
Tebuconazole
Tebuconazole-Hydroxy
Tebufenpyrad
Tebutam
Tecloftalam
Tecloftalam Metabolit
Tecnazene



Tefluthrin
Tepraloxydim
Terbacil
Terbucarb
Terbufos
Terbufos-oxon
Terbufos-oxon-sulfone
Terbufos-sulfone
Terbumeton
Terbutylazine
Terbutylazine-Desethyl
Terbutryn
Tetrachlorantraniliprole
Tetrachlorvinphos
Tetraconazole
Tetradifon
Tetramethrin 1
Tetrasul
Thenylchlor
Thiabendazole
Thiacloprid-amide
Thiamethoxam
Thiamethoxam: CGA 355190
Thiazopyr
Thifluzamide
Thiobencarb
Thiometon
Thionazin
THPI
Thymol
Tiafenacil
Tioxazafen
Tolclofos-methyl
Tolfenpyrad
Tolpyralate
Tolyfluanid
Tralopyril
Transfluthrin
Triadimefon
Triadimenol
Tri-allate
Triamphos
Triaziflam
Triazophos
Tribufos
Trichloronat
Triclopyr-2-butoxyethyl
Triclosan
Tricyclazole
Trietazine
Trifloxystrobin





Trifloxystrobin acid GC degradation product
Trifludimoxazin
Triflumizole
Triflumizole: FA-1-1
Triflumizole: FM-6-1
Triflumuron: M07
Trifluralin
Triflusulfuron: IN-E7710
Triflusulfuron-methyl: IN-M7222
Trimethoprim
Trinexapac-ethyl
Tris-(2-chloroethyl)-phosphate
Triticonazole
Tritosulfuron: AMTT
Tritosulfuron: TBSA
Uniconazole
Valifenalate
Vamidothion
Vernolate
Vinclozolin
Zengxiaoan
Zoxamide