

Substances

self-developed methods of analysis in several matrices

Acebutolol (S)		Ceftriaxone (P, CSF)	
Acetylcarnitine (P)	(p)	Ceramides (P)	
N-Acetylcysteine (P)	(p)	Cetylpyridiniumchloride (Saliva)	
N-Acetylneuraminic acid (P)		Chlormadinone acetate (P)	
Acyclovir (P, U)	(p)	Chlorphentermine (P)	
Acylcarnitines (P, U)	(p)	Chlortetracycline and 4-epi-chlortetracycline (F)	
Allopurinol (P)	(p)	Chlorthalidone (B)	
Amanitin (P)	(p)	Ciclesonide and metabolite M1 (P, S, T)	(p)
Ambroxol (P)		Cimetidine (P)	(p)
Amiloride (P, U)	(p)	Cinnarizine (P)	(p)
Amino acids (P)		Clarithromycin and 14-OH-clarithromycin (P, T)	
Aminobutyric acid (S)	(p)	Clavulanic acid (P)	
Amitriptylin and its N-oxide (P)	(p)	Clenbuterol (U)	
Amobarbital (P)		E- and Z-Clomiphene (P)	
Amoxicillin (P)	(p)	Clomipramine (P)	
Amphetamine (P)	(p)	Clonidine (P)	
Amphotericin B (R)		Codeine (P)	(p)
Ampicillin (P)		Deanol (dimethylaminoethanol) (P, U)	
Anabolic steroids (B)		Deoxycholate (R)	
Antiasthmatic drugs (P, S)	(p)	Desalkylflurazepam (P)	
Azelaic Acid (P)		Desmosin (U)	
B acitracin (P)	(p)	Desmethyloselegeline (P)	(p)
Bendroflumethiazide (P)		Dextromethorphan (P, U)	
Benzbromarone (P)	(p)	Dextrorphan and 3-hydroxymorphinan (P, U, CSF)	(p)
Benzodiazepines (various) (P, U)	(p)	Diethylaminoethanol (P, U)	
Benzoic acid (S, P)		Diazepam (P)	
Benzyl alcohol (P)		Diclofenac (P, T, Syn, D)	(p)
Betahistine and 2-pyridylacetic acid (U, P)		Dihydralazine (P)	(p)
Bezafibrate (P, U)		Dimetindene and metabolites (U)	
Budesonide (S, P)		Diphenhydramine (P)	
Budipine and metabolites (P)		Dipyridamole (P)	
Busulfan (P)		Doxorubicine (P)	
Butizide (P)		Doxycycline (P)	
Butorphanol and metabolites (P)		Dronabinole (P)	
C affeine (P)		Duramycin (P, U, T)	
Caffeinemetabolites (AFMU, 17U, 1X, 1U) (U)	(p)	E noxacin (P)	
Canrenone (P)		Erythromycin (P)	
Captopril (P)		Escine (P)	
Carbamazepine and carbamazepine-10,11-epoxide (P, W)	(p)	Esomeprazole (P)	
Carnitine (P, U, T)	(p)	Estradiol (P)	
Carrageen		Estriol (P)	
Carvedilol (P)		Estrone (P)	
Carvone (P, U)	(p)	Ethanol (P)	(p)
Ceftizoxime (P, T)		Ethinylestradiol (P)	
		Ethosuximide (P)	

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P: Plasma, R: Fermentation, S: Serum,

Syn: Synovial fluid, T: Tissue, U: Urine, W: Water

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Etoposide (P)	Mefenamic acid (P)	
Fatty acids (P, CSF)	Menthol (U, P)	(p)
Flavonols (P, U)	6-Mercaptopurine (P)	
Flunitrazepam (P)	Metformin (P,U)	
Fluorine (P, U)	Methamphetamine (P)	(p)
5-Fluorouracil (P)	Methoin (P)	
Flurazepam and metabolites (P)	Methotrexate (P, U)	
Flurbiprofen (P)	5-Methoxypsoralen (P)	(p)
Fluspirilene (P)	8-Methoxypsoralen (P)	
Fluticasone propionate (P)	Metoprolol enantiomers (P)	(p)
Folinic acid and 5-methyltetrahydrofolate (5-MTHF) (P)	Metronidazole (P, T)	(p)
Formoterol (P, S)	Midazolam and metabolites (P)	(p)
Fucoidans (P)	Midodrine and metabolites (enantiomers) (P)	(p)
Furosemide (P, U)	Minocycline (P)	(p)
GABA (γ -aminobutyric acid) (P)	Mitomycin C (P)	
Galloylquinic acid (P)	Molsidomine (P)	
Gb1 + lyso-Gb1 (S, P, B)	Montelukast (P)	
Gb3 + lyso-Gb3 (S, P, U)	Morphine (P)	
Gentamicin (R)	Nabilone (P)	
Glibenclamide (P)	Naftidrofuryl (P)	
Gliclazide (P)	Neomycin (P, R)	(p)
18- β -Glycyrrhetic acid (P)	Nicorandil (P)	
Hepes (R)	Nifedipine (P)	(p)
Homovanillic acid (HVA) (P, U)	Nitrofurantoin (P)	
Hydrochlorothiazide (P, U)	Nordeprenyl (P)	
Hydroxyethylflurazepam (P)	Norfloxacin (P, U)	(p)
5-Hydroxyindoleacetic acid (5-HIAA) (P, U)	Omeprazole (P)	
3-Hydroxymorphinan (P)	Orlistate (P)	
(3-Hydroxypropyl)mercapturic acid (3-HPMA) (P,U)	Orphenadrine (P)	
Hydroxytriarterene sulphate (P, U)	Oxazepam (P, U)	(p)
Hypericin and pseudohypericin (P)	Oxipurinol (P)	(p)
Ibuprofen enantiomers (P)	Oxytetracycline (milk)	
Imipramine (P)	Paclitaxel (P, T)	
Indometacin (P, Syn)	Pantoprazole and metabolites (P)	(p)
Iodide (P, S)	Paracetamol (P)	(p)
Isosorbide-5-mononitrate (P)	Paroxetine (P)	
Itraconazole (P)	PEGs (P, S)	
Ketoconazole (P)	Penicillin G (P)	
Ketoprofen (P)	Penicillin V (P)	
Lansoprazole (P)	Pentoxyfylline and metabolites (P)	
Levodopa (P)	Peptides (different) (P, U)	
Lofepamine and desmethyylimipramine (P)	Peptide FX-06 (P)	(p)
Lornoxicam (P)	Perphenazine (P)	
Medazepam (P)	Phendimetrazine (P)	
	Phenobarbital (P)	

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Phensuximide (P)	Sulphadiazine (F)
Phentermine (P)	Tamoxifen (P) (p)
Phenylbutazone and oxyphenbutazone (P)	Temazepam (P)
Phenylbutyric acid (S, P)	Terconazole (P)
Phenytoin (P)	(p) Tetracyclines (P)
Pimelic acid (P)	Theobromine (P)
Piracetam (P)	(p) Theophylline (P)
Pirenzepine (P)	(p) Thiamine (P) (p)
Piroxicam (P)	Thiols (P, S, U) (p)
Prazosin (P)	Thioridazine (P)
8-Prenylningerin (P, U, beer)	Thyreostatic substances (F)
Primidone (P)	Tiamulin (F, milk, P)
Procaine and 2 metabolites (P)	Tolafentrine (P)
Promethazine (P)	Tolperisone enantiomers (P, U)
Propafenone (P)	Tolperisone and metabolites (P, U)
Propranolol (P)	Tramadol (P)
Propyphenazone (P)	Triamterene (P, U) (p)
Prostaglandines (various) (P, T)	(p) Trimethoprim (P, F)
Pyridoxal (P)	(p) Tris (R)
Ranitidine (P)	Tryptamine (P)
Roflumilast and metabolites (P, U)	Tryptophan (P)
Salbutamol (P)	Tyramine (P)
Salmeterol (P)	Tyrosine (P)
Salicylic acid (P)	Valnemulin (P, T, milk, F)
Secobarbital (P)	Valproic acid (P) (p)
Selegiline (P) (see Desmethylselegiline, Amphetamine, Methamphetamine)	(p) Vanillylmandelic acid (VMA) (P, U)
Serotonin (P)	(p) Verapamil and norverapamil (P) (also with enantiomeric separation)
Sertindole (P)	Vitamin A (P)
Silibinin and isosilibinin (with diastereomeric separation) (P)	(p) Vitamin B1 (P) (p)
Sitosterol (P)	(p) Vitamin B2 (P)
r-SPC (lung surfactant protein) (P)	Vitamin B6 (see pyridoxal) (P) (p)
Spironolactone (P)	Vitamin E (P)
Sulfamethoxazole (P)	and a lot of research substances