

GC Chromatograms by Column Phase (Alphabetical Order)

Capillary Columns

FAMEWAX

FAMEs70, 620, 622

MXT®-1 Sim Dist

hydrocarbons (high temp.)660

MXT®-1HT Sim Dist

hydrocarbons (high temp.)78, 79, 658, 659

MXT®-5

phenols553

MXT®-500 Sim Dist

hydrocarbons (high temp.)660

MXT®-Biodiesel TG

biodiesel oils81, 644, 645

Rt®-2330

dioxins (TCDDs)591

FAMEs621

sugars640

Rt®-2560

FAMEs57, 69, 617 - 619

Rt®-βDEXcst

flavors, fragrances613

pharmaceuticals686, 687

Rt®-βDEXsa

flavors, fragrances612, 613

Rt®-βDEXse

fruit juices614

Rt®-βDEXsm

flavors, fragrances612

pharmaceuticals687

Rt®-γDEXsa

fruit juices614

Rt®-TCEP

aromatics655

oxigenates80

Rtx®-1

air (Mass APH)610

air (TO-14/TO-15 compounds) ...409, 606, 608, 609

chlorofluorocarbons707

essential oils626, 627

fatty acids (free)615

flavor volatiles628

fragrances641

hydrocarbons658

hydrocarbons (gases)650

ozone precursors606

simulated distillation661

sulfur compounds664

Rtx®-5

chlorinated disinfection byproducts589

chlorophenoxyacid herbicides580

diesel range organics (DRO)600

drugs of abuse673

endocrine disruptors592

essential oils625

gasoline range organics (GRO)596, 597, 599

haloacetic acids603

pharmaceuticals (basic)677, 681, 682

phenols553

steroids687

sterol623

sympathomimetic amines677

Rtx®-5 Amine

amines64, 703, 704

amines, phenols705

cold medications683

pharmaceuticals (basic)676, 683, 691

sympathomimetic amines676

Rtx®-5MS

endocrine disruptors592

food contaminants638

volatiles (food packaging)633, 634

Rtx®-5SiI MS

phenols560

polycyclic aromatic hydrocarbons555

semivolatiles560

Rtx®-20

antiepileptics692

antioxidants611

Rtx®-35

barbiturates678, 679

endocrine disruptors592

nitrogen herbicides581

organo tins593

pharmaceuticals (acidic, neutral)678, 679

pharmaceuticals (basic)681

Rtx®-35 Amine

amines704

cold medications683

pharmaceuticals (basic)65, 675, 683

sympathomimetic amines675

Rtx®-50

antioxidants611

triazine herbicides581

Rtx®-65TG

food testing623

triglycerides72, 624

Rtx®-200

benzodiazepines682

chlorinated disinfection byproducts589

chlorofluorocarbons707

dietary supplements685

explosives593

fatty acids (free)615

glycols601

haloacetic acids603

pharmaceuticals (basic)676, 680, 682

phenols553

potential genotoxic impurities690

solvents (organic volatile impurities)699

sympathomimetic amines676

triazine herbicides581

Rtx®-225

sugars640

Rtx®-440

cocaine672

organochlorine pesticides53

Rtx®-502.2

air toxins607

gasoline range organics (GRO)595, 597

Rtx®-1301

chlorinated disinfection byproducts590

flavor volatiles630

solvents (organic volatile impurities)700

Rtx®-1614

brominated flame retardants92, 588

Rtx®-1701

antiepileptics692

barbiturates678

fragrances641

pharmaceuticals (basic)691

Rtx®-2887

simulated distillation77, 660

Rtx®-BAC1/Rtx®-BAC2

alkyl nitrates671

anesthetics671

blood alcohol82, 667

butyrolactone, butanediol669

GHB, GBL669

glycols602, 668

inhalants (abused)670

solvents672

Rtx®-Biodiesel TG

biodiesel oils644

Rtx®-CLPesticides/Rtx®-CLPesticides2

dibromoethane (EDB), dibromochloropropane

(DBCP)684 - 695

haloacetic acids604

herbicides579

nitrogen, phosphorus pesticides & herbicides578

organochlorine pesticides89, 569, 570

organophosphorus pesticides575 - 577

PCBs584, 585

pesticides & herbicides571, 572

Rtx®-DHA

hydrocarbons (detailed gasoline analysis)75, 657

Rtx®-Dioxin2

TCDD96

TCDF96

Rtx®-G27/Rtx®-G43

solvents (organic volatile impurities)85, 700

Rtx®-OPPesticides/Rtx®-OPPesticides2

organophosphorus pesticides91, 573, 574

triazine herbicides582

Rtx®-PCB

PCBs93, 586, 587

Rtx®-TNT/Rtx®-TNT2

explosives594

Rtx®-VMS

solvents642, 643

volatiles100, 467, 548 - 551

Rtx®-Volatile Amines

amines63

Rtx®-VRX

volatiles101

Rtx®-WAX

FAMEs619, 621

glycols601

solvents58, 642

solvents (organic volatile impurities)699

Rtx®-XLB

PCBs583

semivolatiles567

Rxi®-1ms

diesel, motor oil598, 666

fragrance allergens61

hydrocarbons (accelerants)665, 666

microbial volatile organic compounds605

pesticides (Minnesota Ag List)497

petroleum hydrocarbons598

phthalate & adipate esters554

steroids (sex hormones)688

sulfur compounds664

Rxi®-5HT

bleed profile47

diesel663

gasoline range organics (GRO)663

hydrocarbons (accelerants)663

hydrocarbons (crude oil)663, 664

mineral oil & motor oil663

Rxi®-5ms

bleed profile39

cholesterols625

drugs (acidic, neutral)679

drugs (basic)680

GBL668

local anesthetics691

pesticides (organochlorine & organophosphorus)635

polycyclic aromatic hydrocarbons559

pyridine38

semivolatiles568

test mixes39