

- (+/-)-1-octen-3-ol ..... 645  
 octyl acetate ..... 659  
 3-octyl acetate ..... 659  
 octyl alcohol ..... 55, 661  
*n*-octyl alcohol ..... 732  
 octylamine ..... 57, 730  
*n*-octyl chloride ..... 732  
*n*-octyl-N,N-dimethylamine ..... 732  
*n*-octyl phenol ..... 623  
*tert*-octyl phenol ..... 623  
 oleic acid ..... 681  
 omethoate ..... 602, 603  
 Ordram ..... 609  
 oxadiazon ..... 609  
 oxychlordane ..... 672  
 oxycodone ..... 705  
 oxygen ..... 96, 116, 682, 683  
 oxymethalone ..... 717  
 oxymorphone ..... 705  
 Paarlán ..... 609  
 palmitic acid ..... 681  
 palmitoleic acid ..... 681  
 papaverine ..... 712, 713  
 parathion-ethyl ..... 77, 598 - 600  
 parathion-methyl ..... 77, 598 - 600  
 PBDEs ..... 618  
 PBEB ..... 619  
 pebulate ..... 589  
 PEMA ..... 720  
 pendimethalin ..... 483, 601  
 pentachloroanisole ..... 605, 606, 608  
 pentachlorobenzene ..... 586  
 2,2',3,4,5'-pentachlorobiphenyl ..... 617  
 2,2',4,5,5'-pentachlorobiphenyl ..... 617  
 2,3,3',4',6-pentachlorobiphenyl ..... 617  
 pentachloroethane ..... 87, 568 - 571, 586  
 pentachloronitrobenzene ..... 586  
 pentachlorophenol ..... 39, 76, 575, 583 - 591  
 pentadecane ..... 35  
*n*-pentadecane ..... 694, 695  
 pentafluorobenzene ..... 87, 568 - 570  
 (+/-)- $\delta$ -pentalactones ..... 645  
 pentamethylenediamine ..... 59, 731  
 pentanal ..... 54  
 pentane ..... 110, 114, 115, 117, 694, 696  
*n*-pentane ..... 95, 97, 115, 626, 638, 684 - 687, 694, 695, 728  
 1-pentanol ..... 55, 661  
 pentatriacontane ..... 627  
*n*-pentatriacontane ..... 628  
 1-pentene ..... 114, 115  
*cis*-2-pentene ..... 114, 115, 638  
*trans*-2-pentene ..... 114, 115, 638  
 pentobarbital ..... 710, 711  
*n*-pentyl phenol ..... 623  
*cis*-permethrin ..... 589  
*trans*-permethrin ..... 589  
 perylene-d12 ..... 39, 76, 576 - 578, 584 - 591, 601, 672  
 PETN ..... 86, 625  
 petroleum wax ..... 691  
 $\alpha$ -phellandrene ..... 659, 660, 663  
 phenacetin ..... 586, 704, 705  
 phenanthrene ..... 39, 41, 76, 85, 578 - 582, 584 - 591  
 phenanthrene-d10 ..... 39, 76, 576 - 578, 583 - 591, 601, 672  
 phenacylidine ..... 706, 712  
 phendimetrazine ..... 708  
 pheniramine ..... 715, 719  
 phenmetrazine ..... 708  
 phenobarbital ..... 710, 711, 720  
 phenol ..... 39, 57, 76, 575, 583 - 588, 590, 591, 664, 730, 733  
 phenol-d6 ..... 39, 76, 578, 584 - 588, 590, 591, 601  
 phenothiazine ..... 712 - 714  
 phensuximide ..... 720  
 phentermine ..... 708, 709  
 phenylacetaldehyde ..... 55, 661  
 1,4-phenylenediamine ..... 586  
 phenylephrine ..... 708, 715  
 2-phenylethanol ..... 60, 664, 666  
 2-phenylethyl acetate ..... 664  
 2-phenylethyl decanoate ..... 664  
 phenylethylamine ..... 708  
 phenylpropanolamine ..... 708, 709, 715, 719  
 phenyltoloxamine ..... 712, 713, 715, 719  
 phorate ..... 77, 483, 598 - 601  
 phosmet ..... 77, 598 - 600  
 phosphamidon ..... 77, 598 - 600, 672  
 phosphamidon isomer ..... 77, 598 - 600  
 phthalide ..... 664  
 picloram ..... 606, 608  
 picloram methyl ester ..... 605, 606  
 2-picoline ..... 87, 569, 570, 586  
 $\alpha$ -pinene ..... 658 - 660, 663  
 (-/+)- $\alpha$ -pinene ..... 644  
 $\beta$ -pinene ..... 658 - 660, 663  
 (+/-)- $\beta$ -pinene ..... 644  
 piperazine ..... 730  
 piperitone ..... 660  
 pirimiphos methyl ..... 602, 603, 672  
 prazepam ..... 712 - 714  
 prilocaine ..... 704, 705, 719  
 primidone ..... 710, 711, 720  
 procaine ..... 704, 705, 719  
 prochlorperazine ..... 714  
 $\alpha$ -prodine ..... 705  
 profenfos ..... 602, 603  
 promazine ..... 714  
 promethazine ..... 714  
 prometone ..... 483, 583, 589, 601, 604, 608  
 prometryne ..... 589, 604, 608  
 pronamide ..... 589  
 propachlor ..... 483, 589, 601, 609  
 propadiene ..... 95, 115, 684, 685, 687  
 propanal ..... 54  
 propane ..... 95, 114, 115, 117, 638, 684 - 687, 696  
*n*-propane ..... 695  
 1-propanol ..... 639, 729  
 2-propanol ..... 631, 729  
*n*-propanol ..... 71, 74, 572, 573, 665, 676, 699  
 propargyl alcohol ..... 87, 569, 570  
 propazine ..... 483, 589, 601, 604, 608, 609  
 propene ..... 685  
 4-propenyl-2,6-dimethoxyphenol ..... 664  
 propionic acid ..... 60, 649, 664, 666  
 propionitrile ..... 568, 571  
 propiovanillone ..... 664  
*n*-propyl acetate ..... 87, 569, 570  
*n*-propylamine ..... 730, 731  
 propylbenzene ..... 670  
*n*-propylbenzene ..... 87 - 89, 565 - 571, 638, 639, 688, 694, 695  
 propylene ..... 95, 114, 115, 117, 638, 641, 684, 685, 687, 696  
 propylene glycol ..... 634, 635, 700  
 1,2-propylene glycol ..... 635  
 1,3-propylene glycol ..... 635  
 propyne ..... 95, 684, 687  
 propyzamide ..... 586, 589  
 Prowl ..... 609  
 pseudoephedrine ..... 708, 709, 719  
 pulegone ..... 660  
 pyrazophos ..... 602, 603  
 pyrene ..... 39, 41, 76, 85, 578 - 582, 584 - 591  
 pyrene-d10 ..... 39, 76, 576, 584, 585, 587 - 589  
 pyridine ..... 33, 34, 39, 57, 74, 76, 87, 569, 570, 584 - 588, 590, 723, 725, 727, 730  
 pyrilamine ..... 712, 713, 715  
 quinalphos ..... 603  
 quinclorac ..... 606  
 quinclorac methyl ester ..... 606  
 RDX ..... 86, 625  
 rhamnitol ..... 674, 675  
 ribitol ..... 674, 675  
 Ro-Neet ..... 609  
 ronnel ..... 77, 598 - 600  
 (+)-(2R,4S)-*cis*-rose oxide ..... 644  
 (-)-(2S,4R)-*cis*-rose oxide ..... 644  
 (+)-(2S,4S)-*trans*-rose oxide ..... 644  
 (-)-(2R,4R)-*trans*-rose oxide ..... 644  
 sabinene ..... 644, 658 - 660, 663  
*trans*-sabinenehydrate ..... 659, 660  
 safrole ..... 586  
 scopolamine ..... 712, 713  
 secbumeton ..... 604, 608, 609  
 secobarbital ..... 710, 711  
 Sencor ..... 609  
 siloxane ..... 664  
 Silvex ..... 606  
 simazine ..... 483, 589, 601, 604, 608, 609, 621  
 simetryne ..... 589, 604, 608  
 sinapic acid ..... 664  
 $\beta$ -sitosterol ..... 52, 673  
 Sonar ..... 589  
 stearic acid ..... 681  
 stigmaterol ..... 52, 673  
 stirofos ..... 77, 589, 598 - 600  
 styrene ..... 51, 87 - 89, 565 - 571, 638 - 641, 670, 671  
 sulfotepp ..... 77, 598 - 600  
 Sutan ..... 609  
 syringealdehyde ..... 664  
 2,4,5-T ..... 606 - 608  
 2,4,5-T methyl ester ..... 605, 606  
 talbutal ..... 711  
 TBP ..... 603  
 1,2,3,4-TCDD ..... 622  
 1,2,3,7-TCDD ..... 622  
 1,2,3,8-TCDD ..... 622  
 1,2,6,7-TCDD ..... 622  
 1,2,7,8-TCDD ..... 622  
 1,4,7,8-TCDD ..... 622  
 2,3,7,8-TCDD ..... 84, 622  
 TCDF ..... 84  
 tebuthiuron ..... 589  
 temazepam ..... 712 - 714  
 TEPP ..... 77, 598 - 600  
 terbacil ..... 589, 609  
 terbufos ..... 77, 483, 583, 589, 598 - 601  
 terbumeton ..... 609  
 terbuthylazine ..... 604, 608, 609  
 terbutryne ..... 589, 604, 608  
*p*-terphenyl-d14 ..... 39, 76, 577, 578, 584 - 588, 590, 591, 601  
 (-/+)-terpinen-4-ol ..... 644  
 $\alpha$ -terpinene ..... 659, 660, 663  
 $\gamma$ -terpinene ..... 658 - 660, 663  
 terpinene-4-ol ..... 659, 660, 663