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The John Fetzer Collection of Large PAHs and Hydro PAHs

This list comprises Dr. John Fetzer's complete collection of large PAHs and hydro PAHs. Dr. Fetzer has investigated large PAHs over the past three decades, and is the author of the book "*Large Polycyclic Aromatic Hydrocarbons*" (John Wiley, New York 2000).

Large PAHs is by Dr. Fetzer defined as PAHs with more than 24 carbon atoms. The compounds are sorted here according to molecular weight.

The offered quantities vary from trace amounts to 100 mg neat.

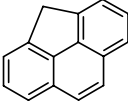
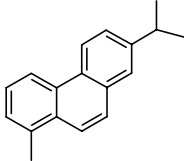
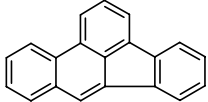
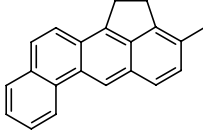
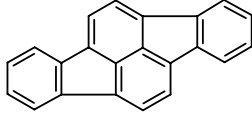
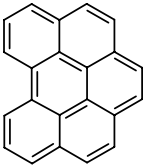
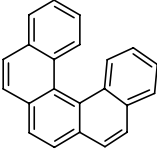
The list is supplemented by a few products from "*The 2004-2005 Chiron Biomarker Catalogue*" as marked in the text.

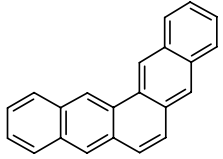
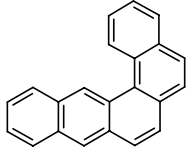
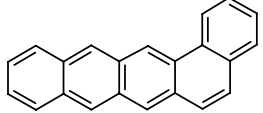
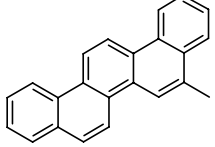
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<http://home.sprintmail.com/~fetzerhaus/fetzpahsconsulting/>

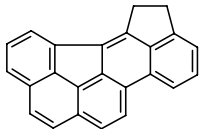
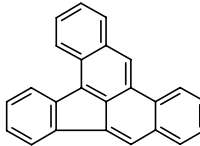
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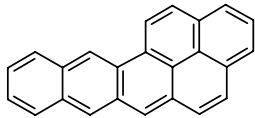
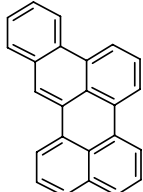
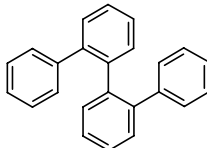
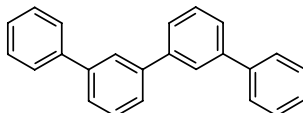
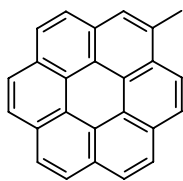
Various/small PAHs

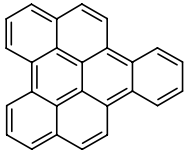
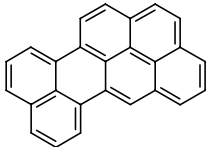
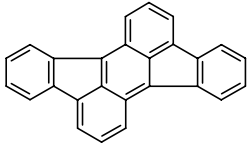
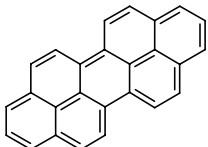
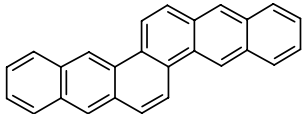
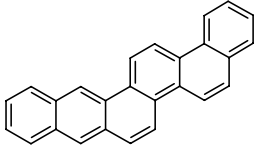
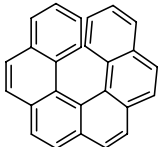
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| 0444,15 | 4H-Cyclopenta[def]phenanthrene 4,5-Methylenephenanthrene [203-64-5] C ₁₅ H ₁₀ M.W.: 190.24 0.5 mg/mL 1 mL in isooctane 10 mg neat |  |
| 0794,18 | Retene [483-65-8] C ₁₈ H ₁₈ M.W.: 234.34 0.5 mg/mL 1 mL in isooctane Neat material on request |  |
| 0263,20 | Benzo[b]fluoranthene Benz[e]acephenanthylene [205-99-2] C ₂₀ H ₁₂ M.W.: 252.31 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 0005,21 | 3-Methylcholanthrene [56-49-5] C ₂₁ H ₁₆ M.W.: 268.35 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 0278,22 | Indeno[1,2,3-cd]fluoranthene [193-43-1] C ₂₂ H ₁₂ M.W.: 276.33 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 0222,22 | Benzo[ghi]perylene [191-24-2] C ₂₂ H ₁₂ M.W.: 276.33 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 0032,22 | Pentahelicene [5]Helicene Dibenzo[c,g]phenanthrene [188-52-3] C ₂₂ H ₁₄ M.W.: 278.35 10 µg neat in 350 µL GC-microvial |  |

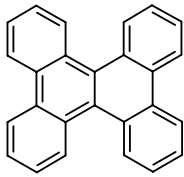
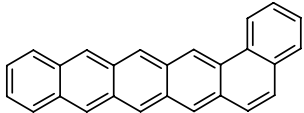
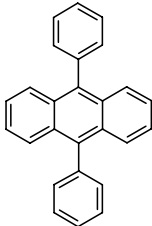
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| 0029,22 | <p>Pentaphene [222-93-5] $C_{22}H_{14}$ M.W.: 278.36 0.2 mg/mL 1 mL in toluene 5 or 10 mg neat</p> |  |
| 0012,22 | <p>Naphth[1,2-a]anthracene [195-06-2] $C_{22}H_{14}$ M.W.: 278.36 0.2 mg/mL 1 mL in toluene 5 or 10 mg neat</p> |  |
| 0207,22 | <p>Benzo[a]tetracene [226-88-0] $C_{22}H_{14}$ M.W.: 278.35 0.2 mg/mL 1 mL in toluene 5 or 10 mg neat</p> |  |
| 2566,23 | <p>5-Methylpicene [7499-40-3] $C_{23}H_{16}$ M.W.: 292.37 10 µg neat in 350 µL GC-microvial</p> |  |
| 2567,60 | <p>[5,6]Fullerene-C60, 99% Buckminsterfullerene C60 [99685-96-8] C_{60} M.W.: 710.64 10 mg neat</p> | |
| 2568,70 | <p>[5,6]Fullerene-C70, 99% Buckminsterfullerene C70 [11538-22-7] C_{70} M.W. 840.75 10 mg neat</p> | |

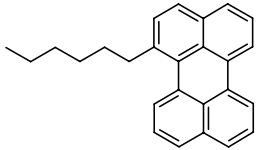
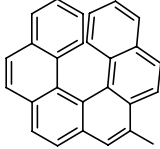
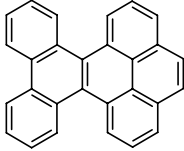
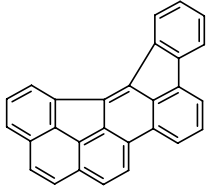
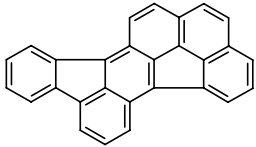
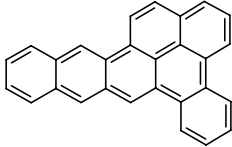
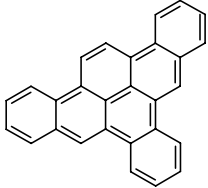
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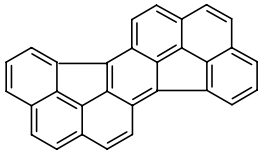
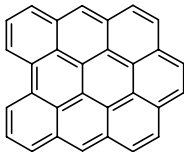
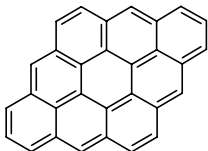
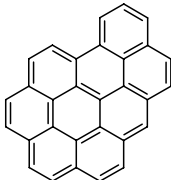
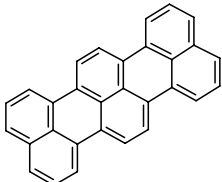
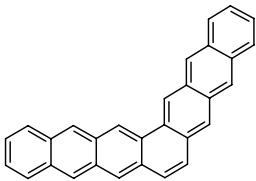
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| 2569,24 | Cyclopent[hi]indeno[4,3,2,1-cdef]chrysene [171877-64-8] C ₂₄ H ₁₂ M.W. 300.36 10 µg neat in 350 µL GC-microvial |  |
| 0226,24 | Coronene [191-07-1] C ₂₄ H ₁₂ M.W. 300.36 | Chiron Cat. p. 223 |
| 0267,24 | Dibenzo[a,e]fluoranthene 2,3,5,6-Dibenzofluoranthene 1,2,4,5-Dibenzofluoranthene [5385-75-1] C ₂₄ H ₁₄ M.W. 302.37 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 0268,24 | Dibenzo[a,f]fluoranthene [203-11-2] C ₂₄ H ₁₄ M.W. 302.28 | Chiron Cat. P 213 |
| 0273,24 | Dibenzo[a,k]fluoranthene [84030-79-5] C ₂₄ H ₁₄ M.W. 302.28 | Chiron Cat. p. 213 |
| 0274,24 | Dibenzo[b,k]fluoranthene [205-97-0] C ₂₄ H ₁₄ M.W. 302.28 | Chiron Cat. p. 213 |
| 0275,24 | Dibenzo[j,l]fluoranthene [203-18-9] C ₂₄ H ₁₄ M.W. 302.28 | Chiron Cat. p. 213 |
| 0244,24 | Dibenzo[a,e]pyrene [192-65-4] C ₂₄ H ₁₄ M.W. 302.28 | Chiron Cat. p. 213 |
| 0242,24 | Dibenzo[b,def]pyrene (Dinaphtho[b,def]chrysene) [189-64-0] C ₂₄ H ₁₄ M.W. 302.28 | Chiron Cat. p. 216/219 |
| 0241,24 | Dibenzo[a,i]pyrene [189-55-9] C ₂₄ H ₁₄ M.W. 302.28 | Chiron Cat. p. 216 |
| 0243,24 | Dibenzo[a,l]pyrene [191-30-0] C ₂₄ H ₁₄ M.W. 302.28 | Chiron Cat. p. 216 |
| 0237,24 | Dibenzo[a,e]pyrene [192-51-8] C ₂₄ H ₁₄ M.W. 302.28 | Chiron Cat. p. 217 |

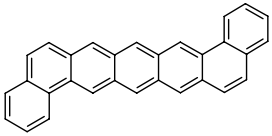
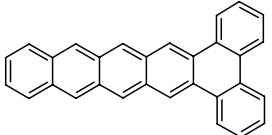
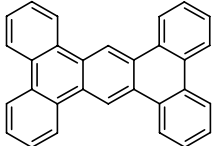
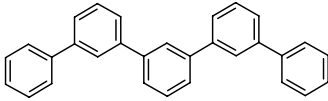
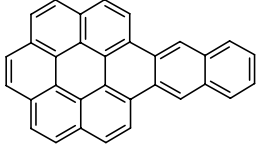
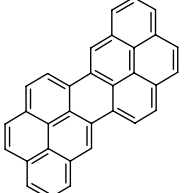
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| 0240,24 | Naphtho[2,3-a]pyrene [196-42-9] C ₂₄ H ₁₄ M.W. 302.38 0.2 mg/mL 1 mL in toluene |  |
| 0238,24 | Naphtho[2,3-e]pyrene [193-09-9] C ₂₄ H ₁₄ M.W. 302.28 | Chiron Cat. p. 217 |
| 0221,24 | Benzo[b]perylene Dibenzo[de,op]naphthacene, 2,3-Benzoperylene [197-70-6] C ₂₄ H ₁₄ M.W.: 302.37 10 µg neat in 350 µL GC-microvial 0.2 mg/mL 1 mL in toluene |  |
| 0276,24 | Naphtho[1,2-b]fluoranthene [5385-22-8] C ₂₄ H ₁₆ M.W. 302.28 | Chiron Cat. p. 213 |
| 0269,24 | Naphtho[2,3-b]fluoranthene [206-06-4] C ₂₄ H ₁₆ M.W. 302.28 | Chiron Cat. p. 214 |
| 0272,24 | Naphtho[2,3-j]fluoranthene [205-83-4] C ₂₄ H ₁₆ M.W. 302.28 | Chiron Cat. p. 214 |
| 0271,24 | Naphtho[2,3-k]fluoranthene [207-18-1] C ₂₄ H ₁₆ M.W. 302.28 | Chiron Cat. p. 214 |
| 0308,24 | 6,12-Dimethylanthanthrene [41217-05-4] C ₂₄ H ₁₆ M.W. 304.40 | Chiron Cat. p. 220 |
| 2570,24 | o-Quarterphenyl [641-96-3] C ₂₄ H ₁₈ M.W.: 306.40 0.2 mg/mL 1 mL in toluene 5 mg neat |  |
| 2571,18 | m-Quaterphenyl [1166-18-3] C ₂₄ H ₁₈ M.W.: 306.40 0.2 mg/mL 1 mL in toluene 5 mg neat |  |
| 0303,25 | Methylcoronene [13119-86-3] C ₂₅ H ₁₄ M.W.: 314.38 10 µg neat in 350 µL GC-microvial 0.2 mg/mL 1 mL in toluene 10 mg neat |  |

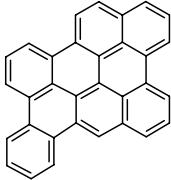
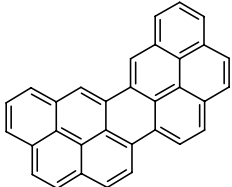
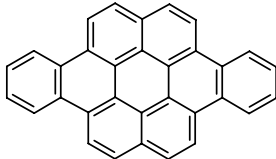
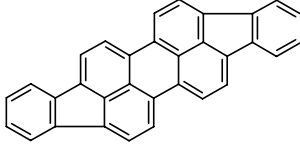
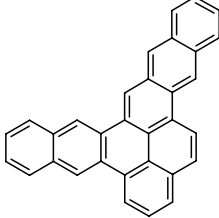
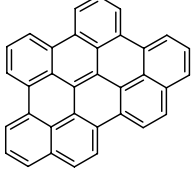
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| 0225,26 | Naphtho[1,2,3,4-ghi]perylene [190-84-1] C ₂₆ H ₁₄ M.W.: 326.39 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 2572,26 | Naphtho[8,1,2-bcd]perylene [88-89-6] C ₂₆ H ₁₄ M.W.: 326.39 0.2 mg/mL 1 mL in toluene |  |
| 0279,26 | Rubicene [197-61-5] C ₂₆ H ₁₄ M.W.: 326.39 10 mg neat |  |
| 0250,26 | Peropyrene Dibenzo[cd,lm]perylene [188-96-5] C ₂₆ H ₁₄ M.W.: 326.39 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 0224,26 | Dibenzo[b,ghi]perylene [5869-30-7] C ₂₆ H ₁₄ | Chiron Cat. p. 221 |
| 0223,26 | Dibenzo[e,ghi]perylene [190-95-4] C ₂₆ H ₁₄ | Chiron Cat. p. 221 |
| 0030,26 | Dibenzo[b,k]chrysene [217-54-9] C ₂₆ H ₁₆ M.W.: 328.41 0.2 mg/mL 1 mL in toluene 5 mg neat |  |
| 2573,26 | Benzo[b]picene Dibenzo[a,k]chrysene, 2,3-Benzopicene [217-42-5] C ₂₆ H ₁₆ M.W.: 328.41 0.1 mg/mL 1 mL in toluene |  |
| 0020,26 | Hexahelicene [6]Helicene, Phenanthreno[3,4-c]phenanthrene [187-83-7] C ₂₆ H ₁₆ M.W.: 328.41 10 µg neat in 350 µL GC-microvial |  |

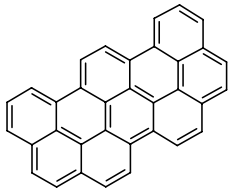
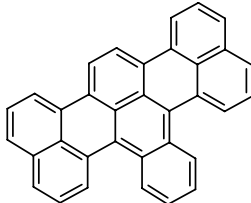
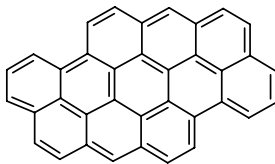
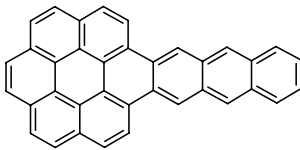
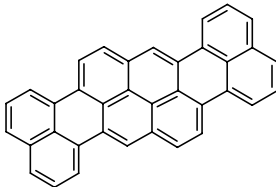
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| 0216,26 | Dibenzo[g,p]chrysene 1,2,3,4,5,6,7,8-Tetrabenzonaphthalene [191-68-4] C ₂₆ H ₁₆ M.W.: 328.41 0.2 mg/mL 1 mL in toluene 10 µg neat in 350 µL GC-microvial |  |
| 2574,26 | Benzo[a]pentacene [239-98-5] C ₂₆ H ₁₆ M.W.: 328.41 0.1 mg/mL 1 mL in toluene |  |
| 0285,26 | 2-Phenylbenzo[b]fluoranthene [210487-01-7] C ₂₆ H ₁₆ M.W.: 328.41 | Chiron Cat. p. 212 |
| 0286,26 | 2-Phenylbenzo[j]fluoranthene [210487-02-8] C ₂₆ H ₁₆ M.W.: 328.41 | Chiron Cat. p. 212 |
| 0287,26 | 5-Phenylbenzo[j]fluoranthene [210487-03-9] C ₂₆ H ₁₆ M.W.: 328.41 | Chiron Cat. p. 212 |
| 0245,26 | 2,3-Peri-naphthylene-pyrene Naphtho[8,1,2-bcd]perylene [188-89-6] C ₂₆ H ₁₆ M.W.: 328.41 | Chiron Cat. p. 217 |
| 0208,26 | Dibenzo[a,j]tetracene [227-04-3] C ₂₆ H ₁₆ M.W.: 328.41 | Chiron Cat. p. 220 |
| 0209,26 | Dibenzo[a,l]tetracene [226-86-8] C ₂₆ H ₁₆ M.W.: 328.41 | Chiron Cat. p. 220 |
| 0211,26 | Hexacene [258-31-1] C ₂₆ H ₁₆ M.W.: 328.41 | Chiron Cat. p. 222 |
| 0030,24 | Dibenzo[b,k]chrysene [217-54-9] C ₂₄ H ₁₆ M.W. 328.42 | Chiron Cat. p. 219 |
| 0355,26 | 9,10-Diphenylanthracene [1499-10-1] C ₂₆ H ₁₈ M.W.: 330.42 0.2 mg/mL 1 mL in toluene 10 mg neat |  |

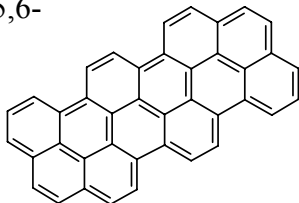
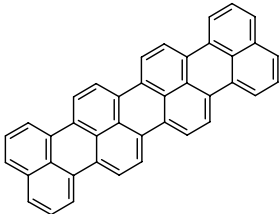
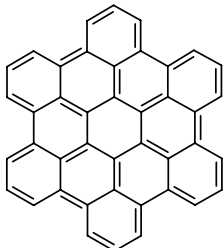
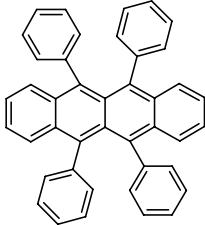
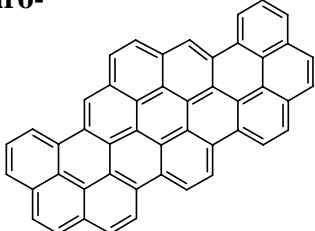
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| 2575,26 | 1-n-Hexylperylene [143076-98-6] C ₂₆ H ₂₄ M.W.: 336.47 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 576,27 | 3-Methylphenanthreno[3,4-c]phenanthrene 7-Methylhexahelicene [83844-21-7] C ₂₇ H ₁₈ M.W.: 342.43 10 µg neat in 350 µL GC-microvial 0.1 mg/mL 1 mL in toluene |  |
| 2577,28 | Benzo[p]naphtho[1,8,7-ghi]chrysene [385-14-8] C ₂₈ H ₁₆ M.W.: 352.43 10 µg neat in 350 µL GC-microvial |  |
| 2578,28 | Diindeno[4,3,2,1-cdef;1',2',3'-hi]chrysene [169331-76-4] C ₂₈ H ₁₄ M.W.: 350.41 Limited quantity |  |
| 0227,28 | Benzo[a]coronene [190-70-5] C ₂₈ H ₁₄ M.W.: 350.42 | Chiron Cat. p 223 |
| 2579,28 | Benzo[def]rubicene C ₂₈ H ₁₄ M.W.: 350.42 Limited quantity |  |
| 2580,28 | Benzo[a]naphtha[8,1,2-cde]naphthacene Benzo[e]naphtho[2,3-a]pyrene [192-70-1] C ₂₈ H ₁₆ M.W.: 352.43 0.1 mg/mL 1 mL in toluene |  |
| 2581,28 | Dibenzo[h,rst]pentaphene Tribenzo[a,e,i]pyrene [192-47-2] C ₂₈ H ₁₆ M.W.: 352.43 0.2 mg/mL 1 mL in toluene 5 mg neat |  |

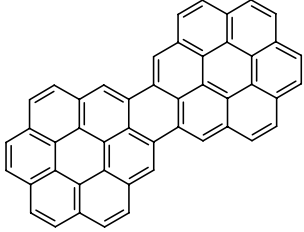
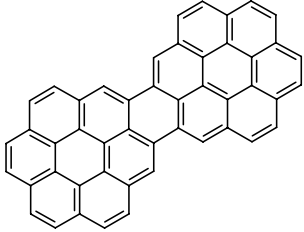
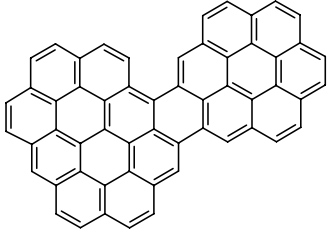
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| 1611,29 | 1,2,3,4-Tetraphenyl-1,3-cyclopentadiene [15570-45-3] C ₂₉ H ₂₂ M.W.: 370,50 | Chiron Cat. p. 224 |
| 2582,30 | Dibenzo[cde:opq]rubicene Dibenzo[def,pqr]rubicene [175289-30-2] C ₃₀ H ₁₄ M.W.: 374.43 Limited quantity |  |
| 0061,30 | Dibenzo[bc,ef]coronene 1.14-Benzobisanthene [190-31-8] C ₃₀ H ₁₄ M.W.: 374.43 0.1 mg/mL 1 mL in toluene 5 or 10 mg neat |  |
| 2583,30 | Dibenzo[bc,kl]coronene [190-55-6] C ₃₀ H ₁₄ M.W.: 374.43 Limited quantity |  |
| 0232,30 | Naphtho[8,1,2-abc]coronene [6596-38-9] C ₃₀ H ₁₄ M.W.: 374.43 10 µg neat in 350 µL GC-microvial 10 mg neat |  |
| 0034,30 | Terrylene [188-72-7] C ₃₀ H ₁₆ M.W.: 376.45 10 µg neat in 350 µL GC-microvial 10 mg neat |  |
| 0257,30 | Pyranthrene [191-13-9] C ₃₀ H ₁₆ M.W.: 376.46 | Chiron Cat. p. 220 |
| 2584,30 | Heptaphene [222-75-3] C ₃₀ H ₁₈ M.W.: 378.46 Limited quantity |  |

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| 1725,30 | Dibenzo[a,l]pentacene 1,2:8,9-Dibenzopentacene [227-09-8] C ₃₀ H ₁₈ M.W.: 378.46 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 2585,30 | Dibenzo[a,c]pentacene [216-08-0] C ₃₀ H ₁₈ M.W.: 378.46 0.2 mg/mL 1 mL in toluene 5 mg neat |  |
| 0205,30 | Tetrabenz[a,c,h,j]anthracene [215-11-2] C ₃₀ H ₁₈ M.W.: 378.46 0.2 mg/mL 1 mL in toluene 5 mg neat |  |
| 0288,30 | 2,7-Diphenylbenzo[ghi]fluoranthene [210487-04-0] C ₃₀ H ₁₈ M.W.: 378.48 | Chiron Cat. p. 212 |
| 2586,30 | m-Quiniquiphenyl [16716-13-5] C ₃₀ H ₂₂ M.W.: 382.51 0.2 mg/mL 1 mL in toluene 5 mg neat |  |
| 0022,32 | Ovalene [190-26-1] C ₃₂ H ₁₄ M.W.: 398.47 | Chiron Cat. p. 222 |
| 0230,32 | Naphtho[2,3-a]coronene [190-74-9] C ₃₂ H ₁₆ M.W.: 400.48 0.2 mg/mL 1 mL in toluene 5 or 10 mg neat |  |
| 2587,32 | Dinaphtho[2,1,8,7-defg;2',1',8',7'-opqr]pentacene [188-91-0] C ₃₂ H ₁₆ M.W.: 400.48 10 µg neat in 350 µL GC-microvial |  |

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| 2588,32 | <p>Dibenzo[cd,n]naphtho[3,2,1,8-pqra]perylene [109278-09-3] C₃₂H₁₆ M.W.: 400.48 10 µg neat in 350 µL GC-microvial</p> |  |
| 2589,32 | <p>Dinaphtho[2,1,8,7-defg:2',1',8',7'-ijkl]pentaphene 1,4,9,11-Dinaphthoperylene [188-90-9] C₃₂H₁₆ M.W.: 400.48 Limited quantity</p> |  |
| 0229,32 | <p>Dibenzo[a,j]coronene 1,2,7,8-Dibenzocoronene [190-72-7] C₃₂H₁₆ M.W.: 400.48 0.2 mg/mL 1 mL in toluene 5 or 10 mg neat</p> |  |
| 0280,32 | <p>Periflanthene (Diindeno[1,2,3-cd;1',2',3'-lm]perylene) [188-94-3] C₃₂H₁₆ M.W.: 400.48 0.2 mg/mL 1 mL in toluene 5 or 10 mg neat</p> |  |
| 2591,31 | <p>Naphtho[8,1,2-hij]hexaphene [196-27-0] C₃₂H₁₈ M.W.: 402.49 Limited quantity</p> |  |
| 0033,34 | <p>Dibenzo[cd,pg]bisanthene Dibenzo[fg,ij]phenanthro[2,1,10,9,8,7-pqrstuv]pentaphene 3,4:11,12-Dibenzobisanthene [187-94-0] C₃₄H₁₆ M.W.: 424.51 10 µg neat in 350 µL GC-microvial 10 mg neat</p> |  |

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| 2592,34 | Benzo[pgr]dinaphtho[8,1,2-bcd:2',1',8'-lmn]perylene Dibenzo[de,kl]phenanthro[2,1,10,9,8,7-pqrstuv]pentaphene [188-11-4] C ₃₄ H ₁₆ M.W.: 424.51 10 µg neat in 350 µL GC-microvial |  |
| 2593,34 | Tetrabenzo[de,h,kl,rst]pentaphene Benzoterrylene [188-13-6] C ₃₄ H ₁₈ M.W.: 426.52 Limited quantity |  |
| 0251,34 | Dibenzo[h,s]peropyrene [191-53-7] C ₃₄ H ₁₈ M.W.: 426.52 | Chiron Cat. p.221 |
| 0253,34 | Isovioalanthrene [4430-29-9] C ₃₄ H ₂₀ M.W.: 428.54 | Chiron Cat. p. 221 |
| 2594,36 | Dinaphtho[8,1,2-abc:8',1',2'-jkl]coronene [190-47-6] C ₃₆ H ₁₆ M.W.: 448.53 10 µg neat in 350 µL GC-microvial |  |
| 0231,36 | Anthraceno[2.3-a]coronene [5869-17-0] C ₃₆ H ₁₈ MW 450.54 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 2595,36 | Dibenzo[lm,yz]pyranthrene Dibenzo[de,mn]naphtho[7,8,1,2,3-tuvw]hexaphene [191-06-0] C ₃₆ H ₁₈ M.W.: 450.54 Limited quantity |  |
| 0281,36 | Decacyclene [191-48-0] C ₃₆ H ₁₈ M.W.: 450.54 | Chiron Cat. p. 214 |
| 0258,36 | 1,2,3,4,5,6,10,11-Tetrabenzanthracene [188-00-1] C ₃₆ H ₁₈ M.W.: 450.54 | Chiron Cat. p.220 |

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| 0246,36 | 2,3,7,8-Di(peri-naphthylene)-pyrene [362052-03-7] C ₃₆ H ₂₀ M.W.: 452.56 | Chiron Cat. p. 217 |
| 0255,38 | Circobiphenyl [41163-25-1] C ₃₆ H ₂₀ M.W.: 472.55 | Chiron Cat. p. 221 |
| 2596,40 | Tetrabenzo[def,lm,grs,yz]pyranthrene Benzo[de]naphtho[2,1,8,7-klmn]phenanthro[3,4,9,10,5,6-tuvwxyz]hexaphene [190-65-8] C ₄₀ H ₁₈ M.W.: 498.59 10 µg neat in 350 µL GC-microvial |  |
| 0026,40 | Quartrerylene [188-73-8] C ₄₀ H ₂₀ M.W.: 500.59 10 µg neat in 350 µL GC-microvial 10 mg neat |  |
| 0233,42 | 1.12,2.3,4.5,6.7,8.9,10.11-Hexabenzocoronene [190-24-9] C ₄₂ H ₁₈ M.W. : 522,61 0.2 mg/mL 1 mL in toluene 5 or 10 mg neat |  |
| 0062,42 | 1.14-Benzodinaphtho[1'',7'',2,4],[7''',1''',11,13]bisanthene Chiron cat p. 222 [362052-01-5] C ₄₂ H ₁₈ M.W.: 522.61 | |
| 1609,42 | Rubrene 5,6,11,12-Tetraphenylnaphthacene 5,6,11,12-Tetraphenyltetracene [517-51-1] C ₄₂ H ₂₈ M.W.: 532.67 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 2597,48 | Dibenzo[lmbrs]naphtha[3,2,1,8,7-defgh]phenanthro-[3,4,5-yzab]pyranthrene Dipyreno[2,3,4-abcd:2',3',4'-ijkl]coronene [362600-03-1] C ₄₈ H ₂₀ M.W.: 596.67 0.1 mg/mL 1 mL in toluene |  |

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| 0234,42 | Dicoronylene [98570-53-7] $C_{48}H_{20}$ M.W.: 596.69 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 2598,48 | Dicoronylene (mixture with coronylovalene) [98570-53-7] $C_{48}H_{20}$ M.W.: 596.69 10 or 100 mg neat |  |
| 0283,48 | Difluorantheno[3.5,4.6],[4'''.6''',9.11]coronene [362051-19-2] $C_{48}H_{20}$ M.W.: 596.69 | Chiron Cat. p. 224 |
| 0282,54 | 1,2,3,4,5,6,7,8-Tetra(peri-naphthylene)anthracene [191-54-8] $C_{54}H_{26}$ M.W.: 674.81 | Chiron Cat. p. 209 |
| 2599,56 | Coronylovalene (mixture with dicoronylene) [143066-75-5] $C_{56}H_{22}$ M.W.: 694.80 10 or 100 mg neat |  |

Hydro PAHs:

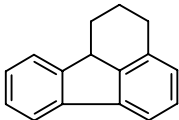
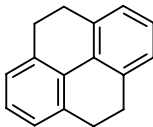
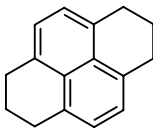
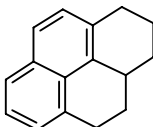
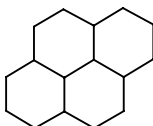
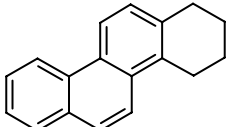
See also the Chiron catalogue:

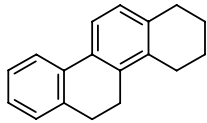
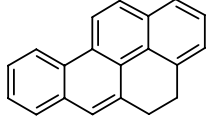
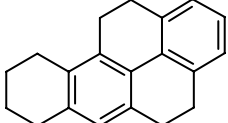
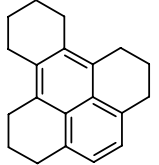
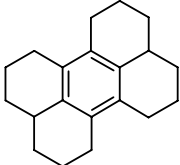
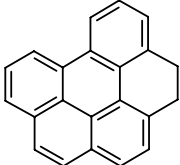
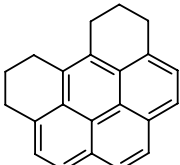
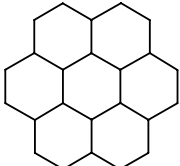
page 132 Decalines, alkyldecalines

page 133 Tetralines

page 137 Hydrophenanthrenes

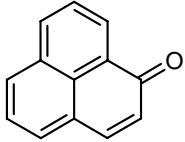
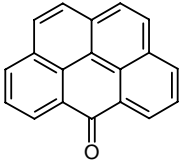
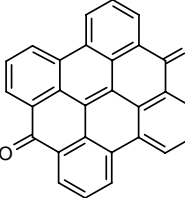
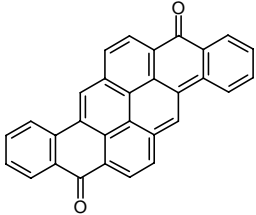
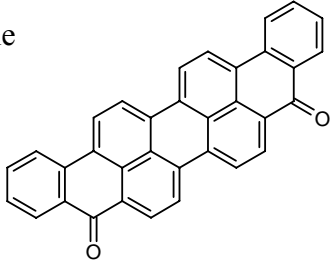
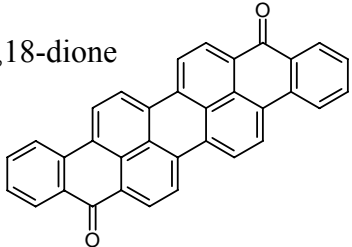
page 166, 169 Naphthenic acids, decaline- and tetraline carboxylic acids

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| 1724,16 | 1,2,3,10b-Tetrahydrofluoranthene 1,2,3,4-Tetrahydrofluoranthene [20279-21-4] C ₁₆ H ₁₄ M.W.: 206.29 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 2600,16 | 4,5,9,10-Tetrahydropyrene [781-17-9] C ₁₆ H ₁₄ M.W.: 206.29 0.2 mg/mL 1 mL in toluene |  |
| 2601,16 | 1,2,3,6,7,8-Hexahydropyrene [1732-13-4] C ₁₆ H ₁₆ M.W.: 208.31 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 2602,16 | 1,2,3a,3,4,5-Hexahydropyrene [5385-37-5] C ₁₆ H ₁₆ M.W.: 208.31 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 2603,16 | Hexadecahydropyrene Perhydropyrene [2435-85-0] C ₁₆ H ₂₆ M.W.: 218.39 0.2 mg/mL 1 mL in toluene 10 or 100 mg neat |  |
| 2604,18 | 1,2,3,4-Tetrahydrochrysene [2091-90-9] C ₁₈ H ₁₆ M.W.: 232.33 10 µg neat in 350 µL GC-microvial |  |

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| 2605,18 | 1,2,3,4,5,6-Hexahydrochrysene [2091-91-0] C ₁₈ H ₁₈ M.W.: 234.34 0.2 mg/mL 1 mL in toluene |  |
| 2606,20 | 4,5-Dihydrobenzo[a]pyrene [57652-66-1] C ₂₀ H ₁₄ M.W.: 254.33 0.2 mg/mL 1 mL in toluene |  |
| 2607,20 | 4,5,7,8,9,10,11,12-Octahydrobenzo[a]pyrene [73712-70-6] C ₂₀ H ₂₀ M.W.: 260.38 0.2 mg/mL 1 mL in toluene |  |
| 2608,20 | 1,2,3,6,7,8,9,10,11,12-Decahydrobenzo[e]pyrene [92387-50-3] C ₂₀ H ₂₂ MW 262.40 0.2 mg/mL 1 mL in toluene 5 mg neat |  |
| 2609,20 | 1,2,3,3a,4,5,6,7,8,9,9a,10,11,12-Tetradecahydroperylene [7594-86-7] C ₂₀ H ₂₆ M.W.: 266.43 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 2610,22 | 3,4-Dihydrobenzo[ghi]perylene [16310-65-9] C ₂₂ H ₁₄ M.W.: 278.36 10 µg neat in 350 µL GC-microvial |  |
| 2611,22 | 5,6,7,8,9,10-Hexahydrobenzo[ghi]perylene [35281-51-7] C ₂₂ H ₁₈ M.W.:282.39 Limited quantity |  |
| 2612,24 | Tetracosahydrocoronene Perhydrocoronene [54171-94-7] C ₂₄ H ₃₆ M.W.: 324.55 0.2 mg/mL 1 mL in toluene 10 mg neat 100 mg neat |  |

PAH Ketones:

Cf. The Chiron Catalogue pages 260-262

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|---------|--|---|
| 0010,13 | Perinaphthenone [548-39-0] C ₁₃ H ₈ O M.W.: 180.20 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 0059,19 | Naphthanthrone 6H-Benzo[cd]pyren-6-one [3074-00-8] C ₁₉ H ₁₀ O M.W.: 254.28 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 2613,28 | Bisanthone [475-64-9] C ₂₈ H ₁₂ O ₂ M.W.: 380.41 0.1 mg/mL 1 mL in toluene |  |
| 1732,30 | Pyranthrene 8,16-Pyranthrene-dione [128-70-1] C ₃₀ H ₁₄ O ₂ M.W.: 406.44 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
| 2614,34 | Violanthrone Anthra[9,1,2-cde]benzo[rst]phenanthreno-5,10-dione [116-71-2] C ₃₄ H ₁₆ O ₂ M.W.: 456.51 0.2 mg/mL 1 mL in toluene 10 or 100 mg neat |  |
| 2615,34 | Isoviolanthrone Benzo[rst]phenanthreno[10,1,2-cde]phenaphene-9,18-dione [128-64-3] C ₃₄ H ₁₆ O ₂ M.W.: 456.51 0.2 mg/mL 1 mL in toluene 10 mg neat |  |
