Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041822\
Data File : PQ057005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Apr 2022 14:46
Operator : YP\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 19 01:22:29 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032322CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 24 09:20:48 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | | |
| 1) | SA Tetrachlo... | 4.531 | 3.748 | 347.6E6 | 235.8E6 | 19.518 | 21.977 | |
| 2) | SA Decachlor... | 10.295 | 8.675 | 623.4E6 | 407.3E6 | 42.695 | 39.478 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.706 | 4.812 | 153.6E6 | 148.7E6 | 362.112 | 446.653 | |
| 4) | L1 AR-1016-2 | 5.728 | 4.831 | 308.9E6 | 258.5E6 | 361.127 | 431.744 | |
| 5) | L1 AR-1016-3 | 5.789 | 5.003 | 200.3E6 | 117.6E6 | 361.304 | 437.548 | |
| 6) | L1 AR-1016-4 | 5.890 | 5.041 | 158.5E6 | 97522786 | 370.994 | 428.301 | |
| 7) | L1 AR-1016-5 | 6.178 | 5.251 | 130.0E6 | 124.5E6 | 329.027 | 433.653 | # |
| 8) | L2 AR-1221-1 | 4.743 | 3.955 | 22653096 | 12877101 | 129.986 | 112.861 | |
| 9) | L2 AR-1221-2 | 4.833 | 4.041 | 28066976 | 16982235 | 228.615 | 214.510 | |
| 10) | L2 AR-1221-3 | 4.910 | 4.115 | 113.7E6 | 79100619 | 272.291 | 285.185 | |
| 11) | L3 AR-1232-1 | 4.910 | 4.115 | 113.7E6 | 79100619 | 324.165 | 347.742 | |
| 12) | L3 AR-1232-2 | 5.434 | 4.831 | 165.3E6 | 258.5E6 | 657.899 | 1097.659 | # |
| 13) | L3 AR-1232-3 | 5.728 | 5.003 | 308.9E6 | 117.6E6 | 865.268 | 1013.072 | |
| 14) | L3 AR-1232-4 | 5.890 | 5.082 | 158.5E6 | 119.0E6 | 865.101 | 1220.602 | # |
| 15) | L3 AR-1232-5 | 5.971 | 5.251 | 114.5E6 | 124.5E6 | 400.430 | 1211.674 | # |
| 16) | L4 AR-1242-1 | 5.706 | 4.812 | 153.6E6 | 148.7E6 | 394.455 | 521.902 | # |
| 17) | L4 AR-1242-2 | 5.728 | 4.831 | 308.9E6 | 258.5E6 | 402.686 | 511.227 | # |
| 18) | L4 AR-1242-3 | 5.789 | 5.003 | 200.3E6 | 117.6E6 | 394.976 | 516.744 | # |
| 19) | L4 AR-1242-4 | 5.890 | 5.082 | 158.5E6 | 119.0E6 | 406.338 | 520.423 | # |
| 20) | L4 AR-1242-5 | 6.624 | 5.596 | 26215623 | 97431219 | 66.323 | 326.233 | # |
| 21) | L5 AR-1248-1 | 5.706 | 4.812 | 153.6E6 | 148.7E6 | 523.003 | 666.081 | # |
| 22) | L5 AR-1248-2 | 5.971 | 5.041 | 114.5E6 | 97522786 | 213.309 | 292.524 | # |
| 23) | L5 AR-1248-3 | 6.178 | 5.082 | 130.0E6 | 119.0E6 | 206.746 | 339.610 | # |
| 24) | L5 AR-1248-4 | 6.584 | 5.251 | 21910653 | 124.5E6 | 33.495 | 297.982 | # |
| 25) | L5 AR-1248-5 | 6.624 | 5.641 | 26215623 | 19137297 | 37.742 | 42.698 | |
| 26) | L6 AR-1254-1 | 6.551 | 5.596 | 79702090 | 97431219 | 123.798 | 146.109 | |
| 27) | L6 AR-1254-2 | 6.767 | 5.741 | 101.6E6 | 82995602 | 101.864 | 151.157 | # |
| 28) | L6 AR-1254-3 | 7.138 | 6.151 | 86685539 | 156.9E6 | 78.271 | 168.830 | # |
| 29) | L6 AR-1254-4 | 7.424 | 6.367 | 43027095 | 21181058 | 58.733 | 31.321 | # |
| 30) | L6 AR-1254-5 | 7.840 | 6.774 | 314.8E6 | 295.5E6 | 372.155 | 361.752 | |
| 31) | L7 AR-1260-1 | 7.296 | 6.265 | 238.4E6 | 227.9E6 | 372.041 | 417.169 | |
| 32) | L7 AR-1260-2 | 7.553 | 6.451 | 241.0E6 | 282.6E6 | 326.943 | 424.659 | # |
| 33) | L7 AR-1260-3 | 7.840 | 6.602 | 314.8E6 | 246.1E6 | 337.532 | 397.777 | |
| 34) | L7 AR-1260-4 | 8.140 | 7.067 | 241.2E6 | 214.4E6 | 349.286 | 405.411 | |
| 35) | L7 AR-1260-5 | 8.469 | 7.306 | 470.7E6 | 531.9E6 | 339.067 | 406.328 | |
| 36) | L8 AR-1262-1 | 7.909 | 6.774 | 202.7E6 | 295.5E6 | 202.176 | 697.898 | # |
| 37) | L8 AR-1262-2 | 8.469 | 7.306 | 470.7E6 | 531.9E6 | 256.425 | 333.076 | # |
| 38) | L8 AR-1262-3 | 8.781 | 7.586 | 121.9E6 | 117.6E6 | 151.086 | 183.241 | |
| 39) | L8 AR-1262-4 | 8.861 | 7.649 | 239.3E6 | 380.5E6 | 399.599 | 322.519 | |
| 40) | L8 AR-1262-5 | 9.546 | 8.140 | 178.6E6 | 120.0E6 | 265.227 | 238.933 | |
| 41) | L9 AR-1268-1 | 8.781 | 7.586 | 121.9E6 | 117.6E6 | 56.160 | 63.717 | |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041822\
Data File : PQ057005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Apr 2022 14:46
Operator : YP\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 19 01:22:29 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032322CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 24 09:20:48 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

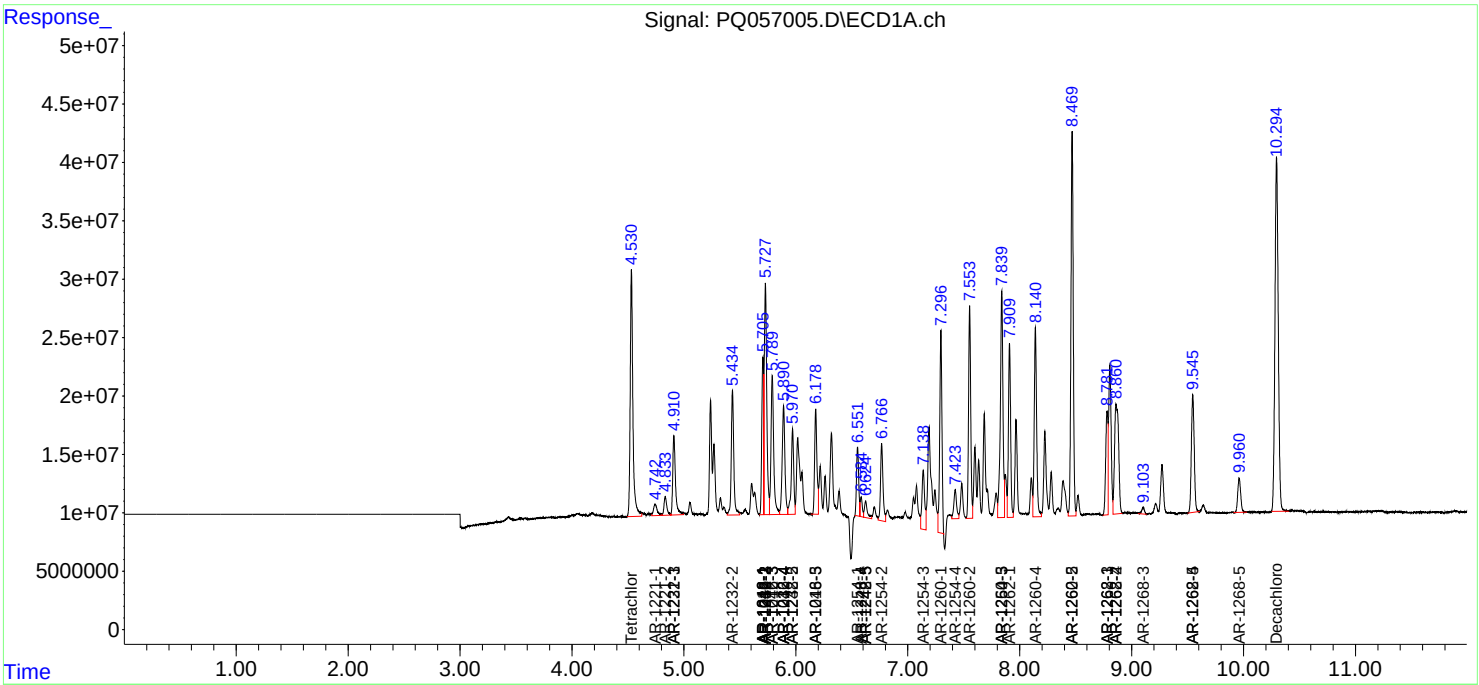
| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| 42) L9 | AR-1268-2 | 8.861 | 7.649 | 239.3E6 | 380.5E6 | 113.878 | 226.222 # |
| 43) L9 | AR-1268-3 | 9.104 | 7.853 | 9910654 | 6790852 | 5.536 | 5.308 |
| 44) L9 | AR-1268-4 | 9.546 | 8.140 | 178.6E6 | 120.0E6 | 248.308 | 217.870 |
| 45) L9 | AR-1268-5 | 9.961 | 8.427 | 53941272 | 33413847 | 9.130 | 7.481 |

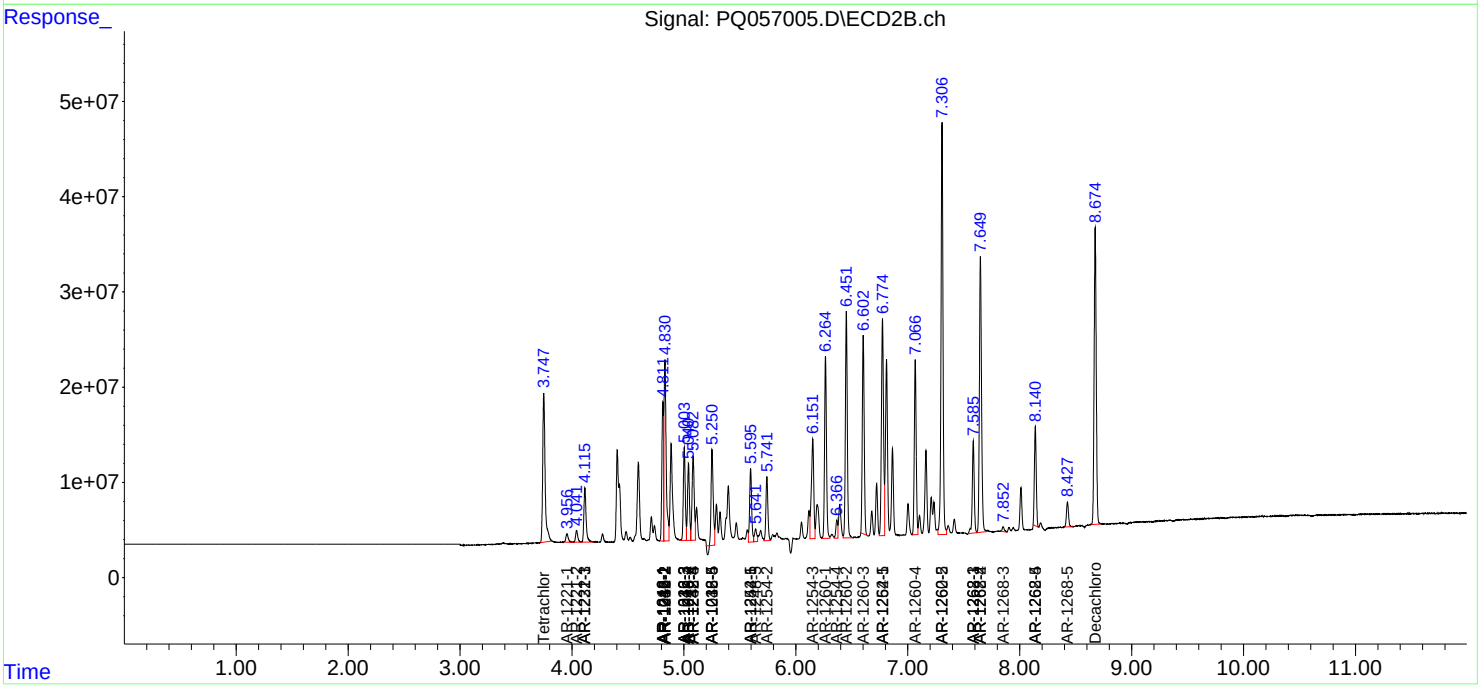
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

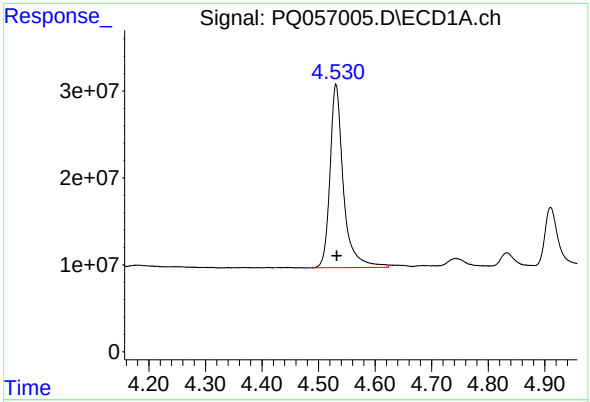
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ041822\
Data File : PQ057005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Apr 2022 14:46
Operator : YP\AJ
Sample : AR1660CCC400
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 19 01:22:29 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032322CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Mar 24 09:20:48 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

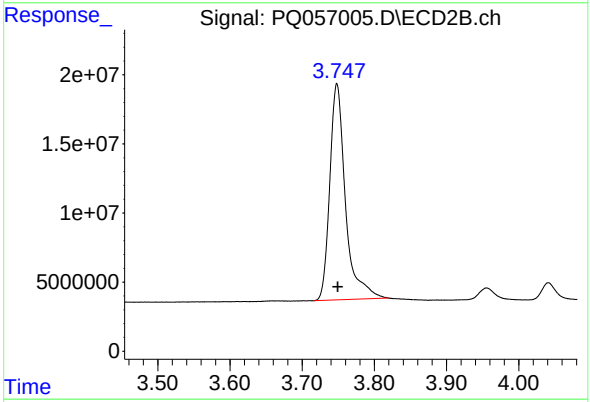




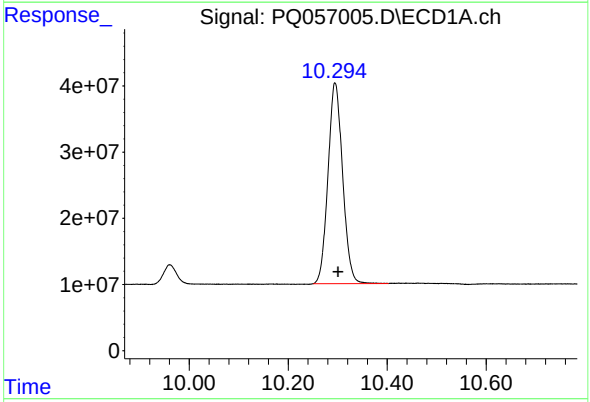

#1 Tetrachloro-m-xylene

R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 347636836
Conc: 19.52 ng/ml



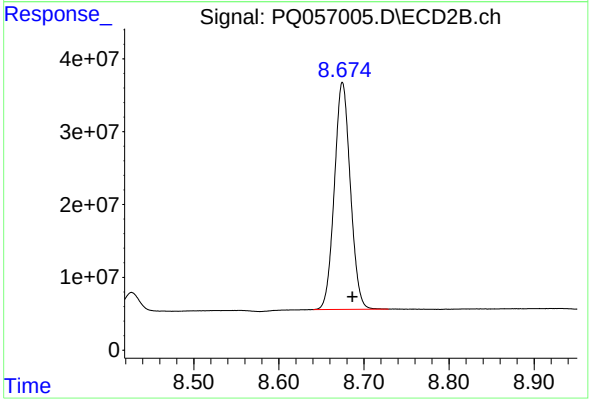

#1 Tetrachloro-m-xylene

R.T.: 3.748 min
Delta R.T.: -0.001 min
Response: 235772447
Conc: 21.98 ng/ml



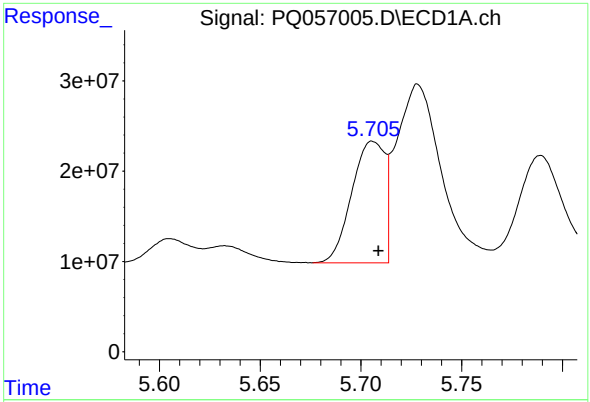

#2 Decachlorobiphenyl

R.T.: 10.295 min
Delta R.T.: -0.006 min
Response: 623413097
Conc: 42.70 ng/ml



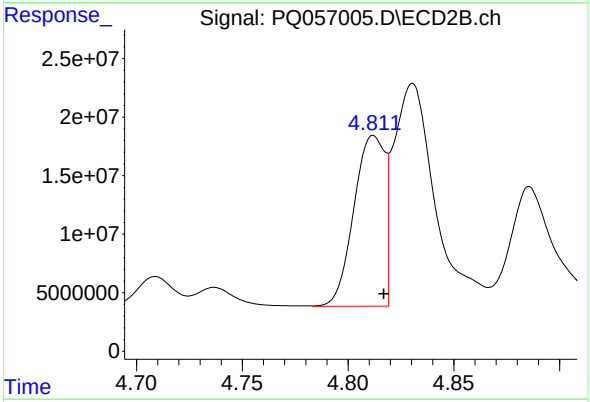

#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.012 min
Response: 407285495
Conc: 39.48 ng/ml



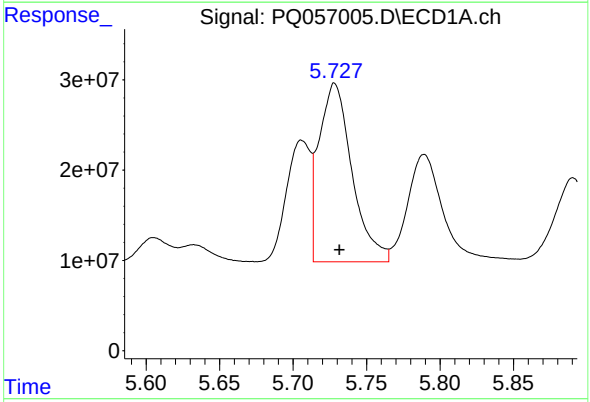

#3 AR-1016-1

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 153586736
Conc: 362.11 ng/ml



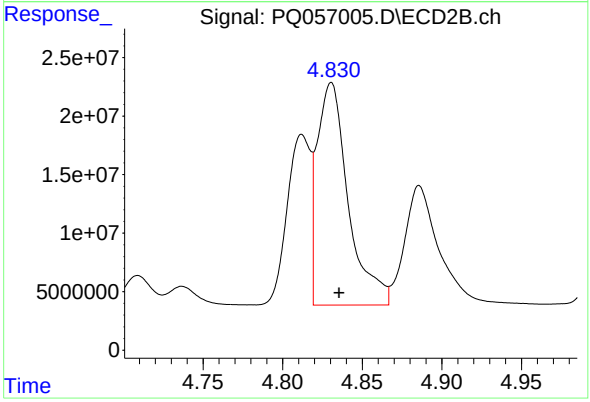

#3 AR-1016-1

R.T.: 4.812 min
Delta R.T.: -0.005 min
Response: 148667863
Conc: 446.65 ng/ml



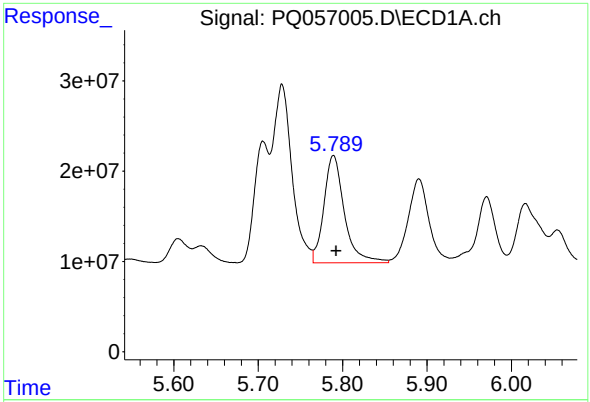

#4 AR-1016-2

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 308875549
Conc: 361.13 ng/ml



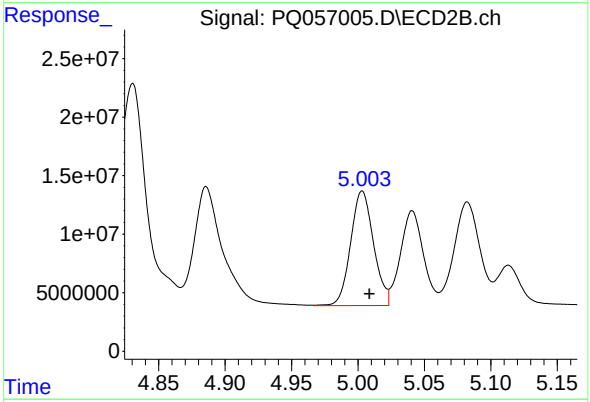

#4 AR-1016-2

R.T.: 4.831 min
Delta R.T.: -0.005 min
Response: 258527390
Conc: 431.74 ng/ml



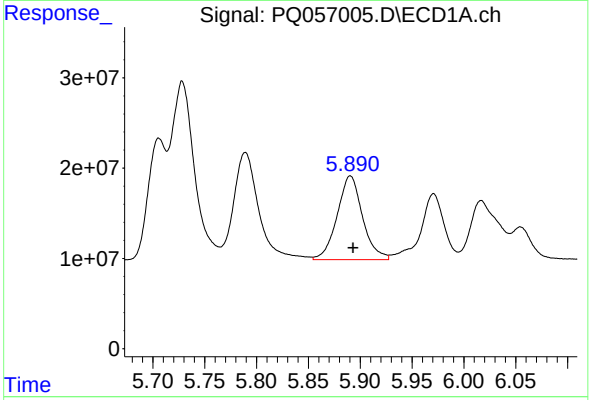

#5 AR-1016-3

R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 200295578
Conc: 361.30 ng/ml



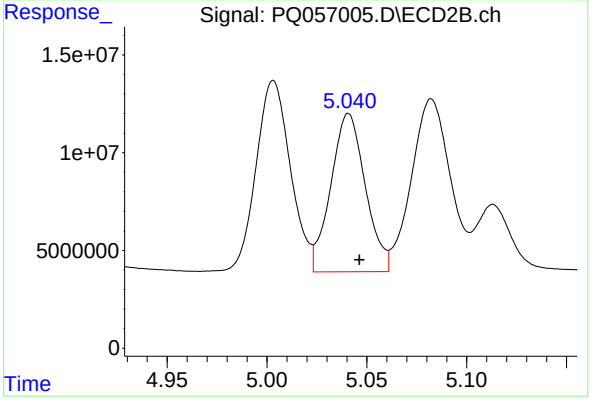

#5 AR-1016-3

R.T.: 5.003 min
Delta R.T.: -0.005 min
Response: 117629362
Conc: 437.55 ng/ml



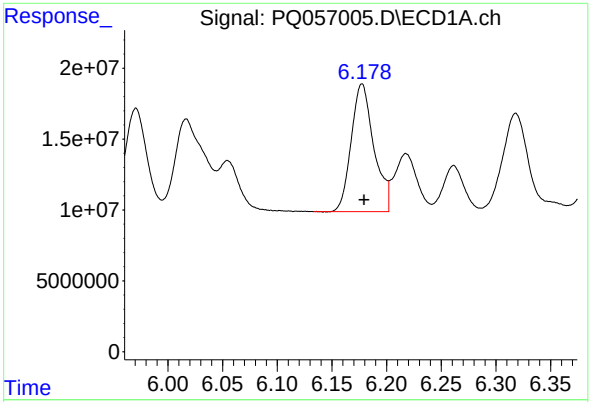

#6 AR-1016-4

R.T.: 5.890 min
Delta R.T.: -0.003 min
Response: 158511786
Conc: 370.99 ng/ml



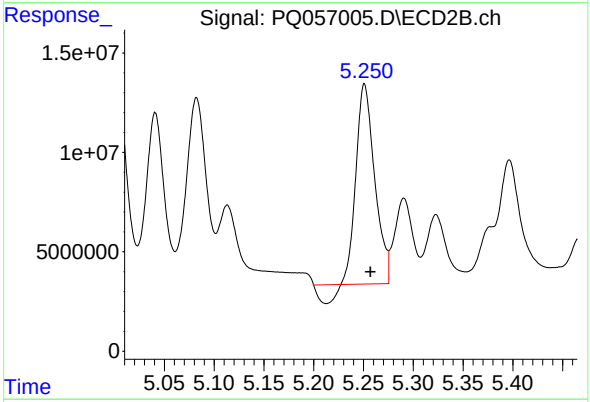

#6 AR-1016-4

R.T.: 5.041 min
Delta R.T.: -0.006 min
Response: 97522786
Conc: 428.30 ng/ml



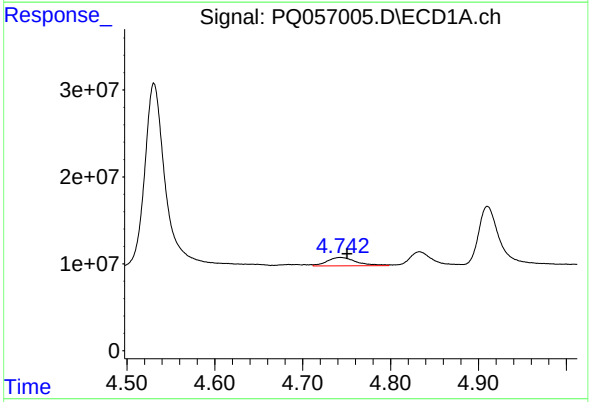

#7 AR-1016-5

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 129973792
Conc: 329.03 ng/ml



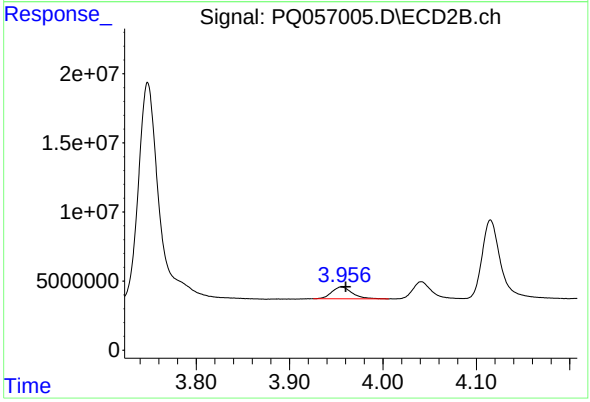

#7 AR-1016-5

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 124481847
Conc: 433.65 ng/ml



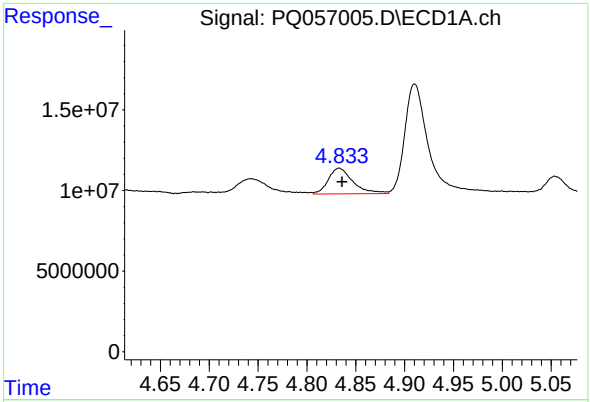

#8 AR-1221-1

R.T.: 4.743 min
Delta R.T.: -0.008 min
Response: 22653096
Conc: 129.99 ng/ml



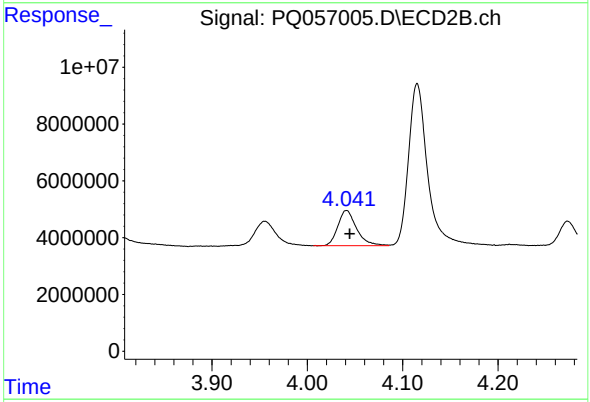

#8 AR-1221-1

R.T.: 3.955 min
Delta R.T.: -0.005 min
Response: 12877101
Conc: 112.86 ng/ml



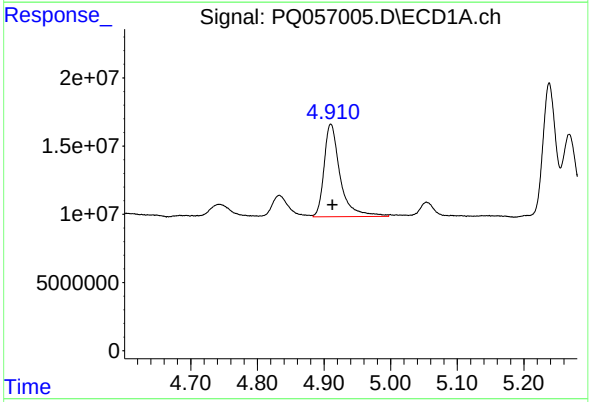

#9 AR-1221-2

R.T.: 4.833 min
Delta R.T.: -0.003 min
Response: 28066976
Conc: 228.62 ng/ml



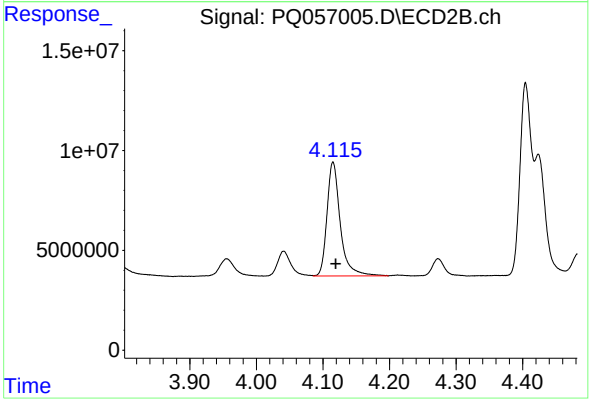

#9 AR-1221-2

R.T.: 4.041 min
Delta R.T.: -0.003 min
Response: 16982235
Conc: 214.51 ng/ml



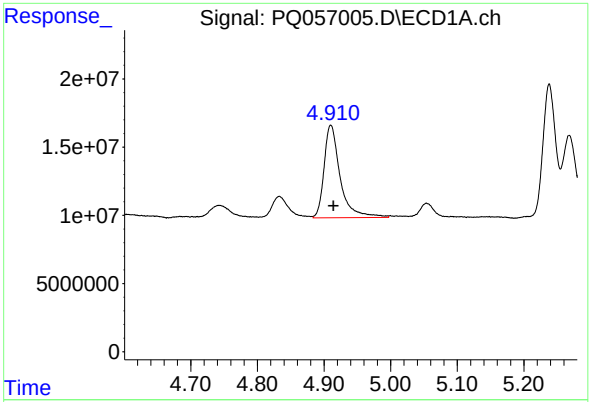

#10 AR-1221-3

R.T.: 4.910 min
Delta R.T.: -0.003 min
Response: 113749013
Conc: 272.29 ng/ml



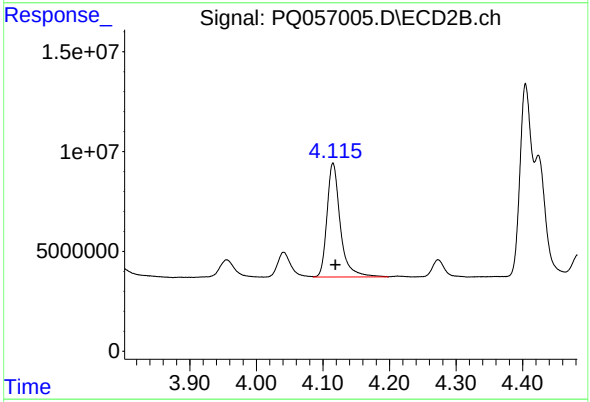

#10 AR-1221-3

R.T.: 4.115 min
Delta R.T.: -0.004 min
Response: 79100619
Conc: 285.18 ng/ml



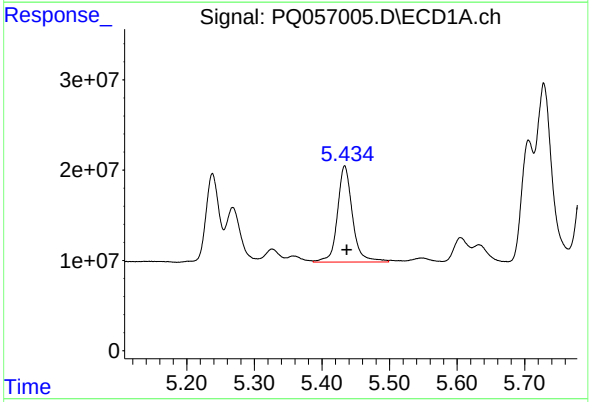

#11 AR-1232-1

R.T.: 4.910 min
Delta R.T.: -0.004 min
Response: 113749013
Conc: 324.17 ng/ml



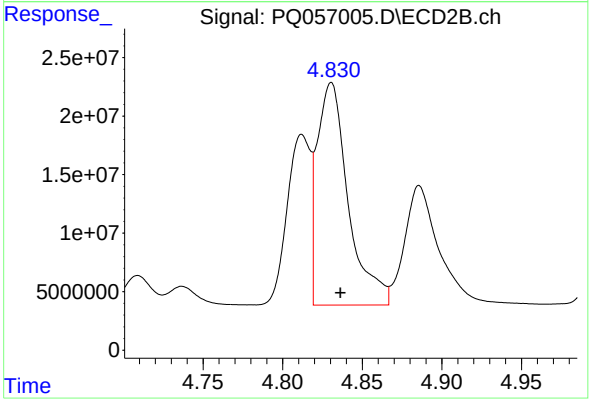

#11 AR-1232-1

R.T.: 4.115 min
Delta R.T.: -0.003 min
Response: 79100619
Conc: 347.74 ng/ml



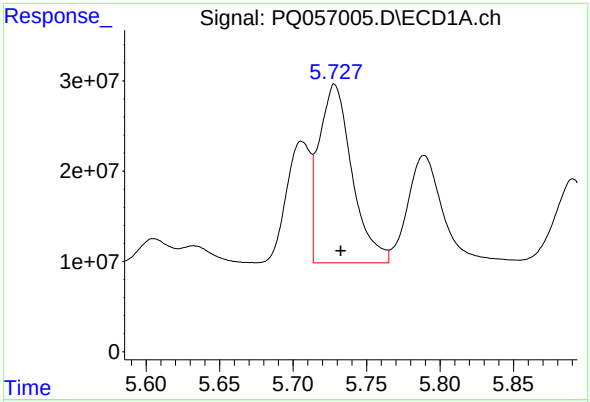

#12 AR-1232-2

R.T.: 5.434 min
Delta R.T.: -0.003 min
Response: 165335131
Conc: 657.90 ng/ml



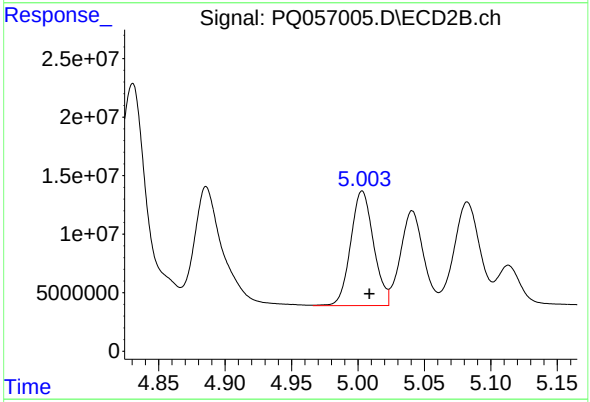

#12 AR-1232-2

R.T.: 4.831 min
Delta R.T.: -0.006 min
Response: 258527390
Conc: 1097.66 ng/ml



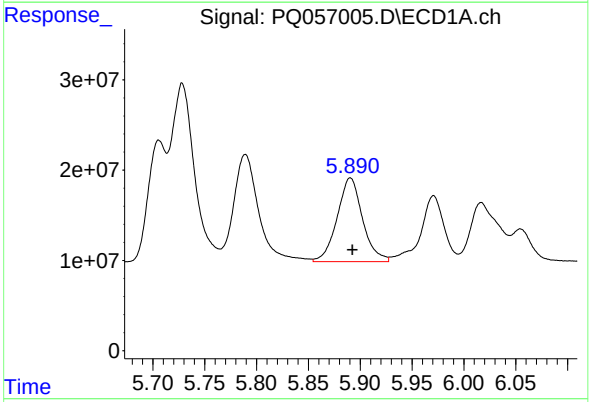

#13 AR-1232-3

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 308875549
Conc: 865.27 ng/ml



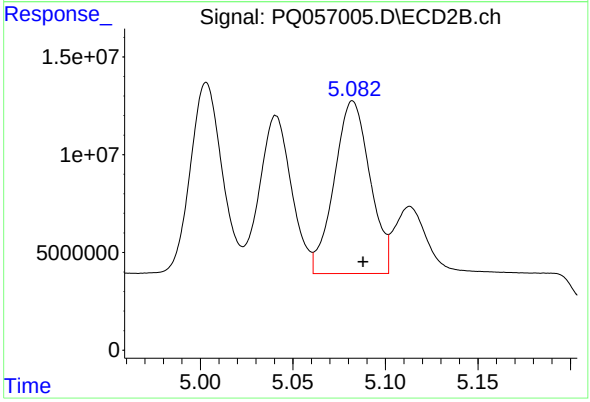

#13 AR-1232-3

R.T.: 5.003 min
Delta R.T.: -0.005 min
Response: 117629362
Conc: 1013.07 ng/ml



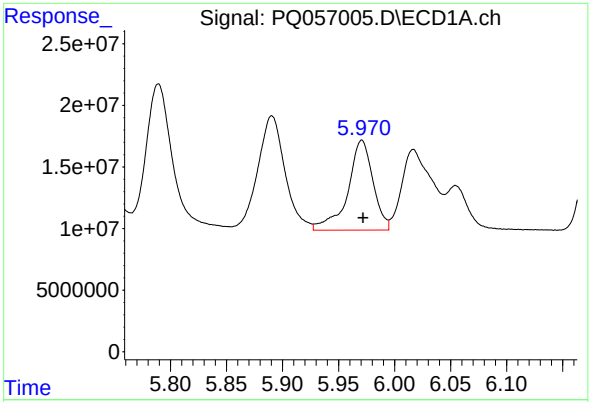

#14 AR-1232-4

R.T.: 5.890 min
Delta R.T.: -0.002 min
Response: 158511786
Conc: 865.10 ng/ml



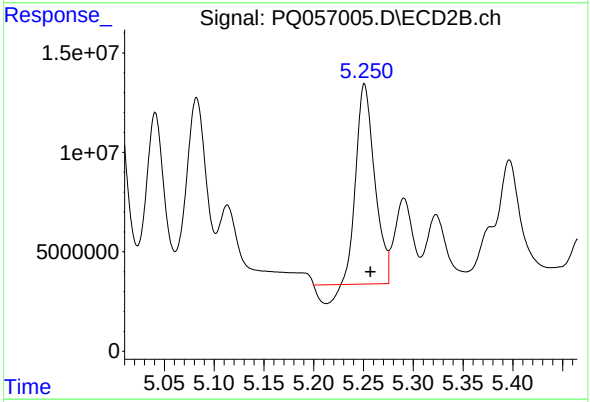

#14 AR-1232-4

R.T.: 5.082 min
Delta R.T.: -0.006 min
Response: 118990187
Conc: 1220.60 ng/ml



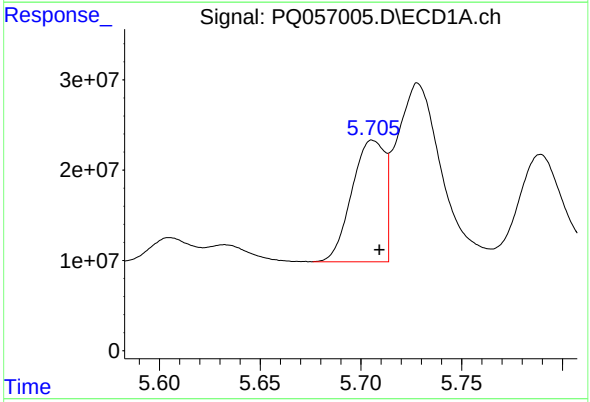

#15 AR-1232-5

R.T.: 5.971 min
Delta R.T.: -0.001 min
Response: 114496348
Conc: 400.43 ng/ml



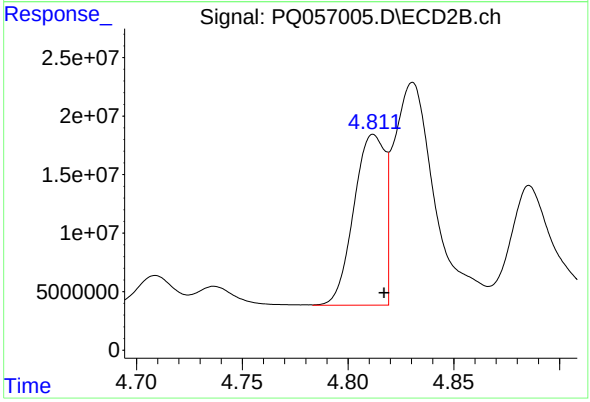

#15 AR-1232-5

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 124481847
Conc: 1211.67 ng/ml



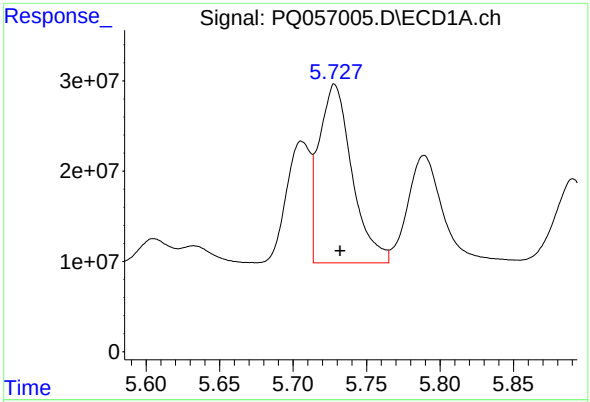

#16 AR-1242-1

R.T.: 5.706 min
Delta R.T.: -0.004 min
Response: 153586736
Conc: 394.46 ng/ml



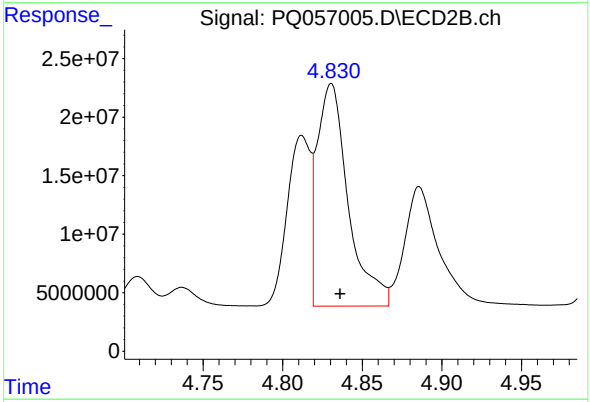

#16 AR-1242-1

R.T.: 4.812 min
Delta R.T.: -0.005 min
Response: 148667863
Conc: 521.90 ng/ml



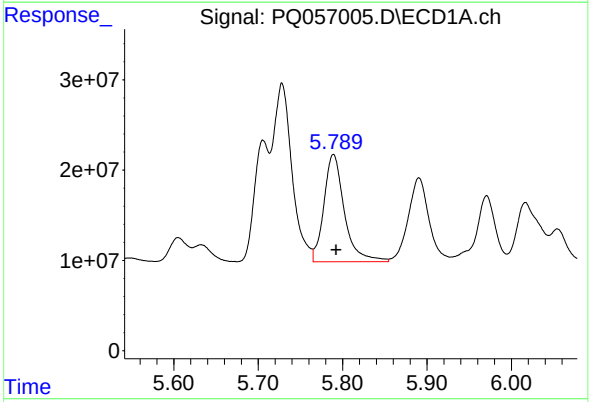

#17 AR-1242-2

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 308875549
Conc: 402.69 ng/ml



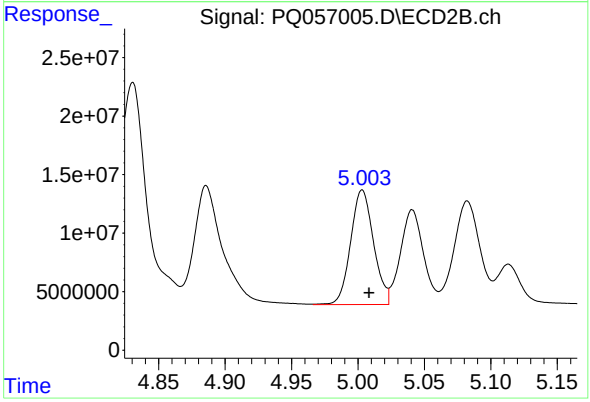

#17 AR-1242-2

R.T.: 4.831 min
Delta R.T.: -0.005 min
Response: 258527390
Conc: 511.23 ng/ml



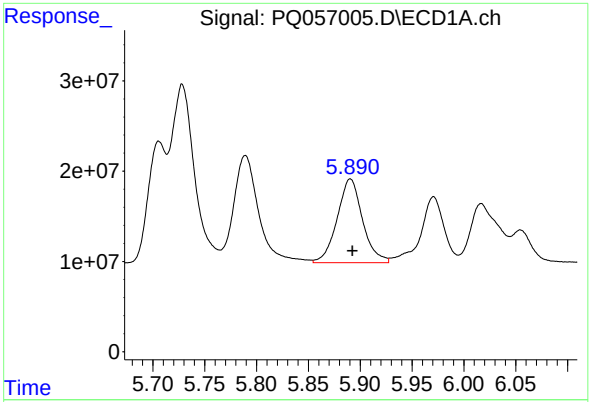

#18 AR-1242-3

R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 200295578
Conc: 394.98 ng/ml



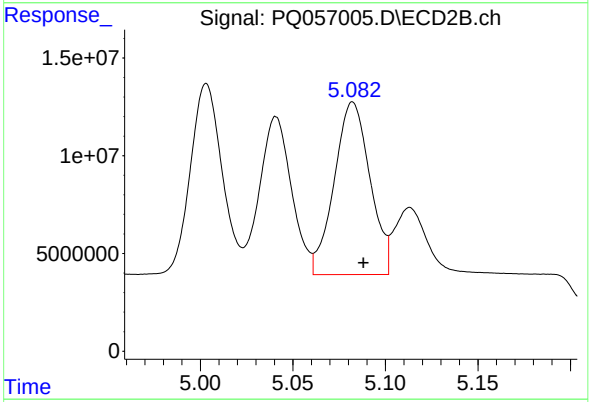

#18 AR-1242-3

R.T.: 5.003 min
Delta R.T.: -0.005 min
Response: 117629362
Conc: 516.74 ng/ml



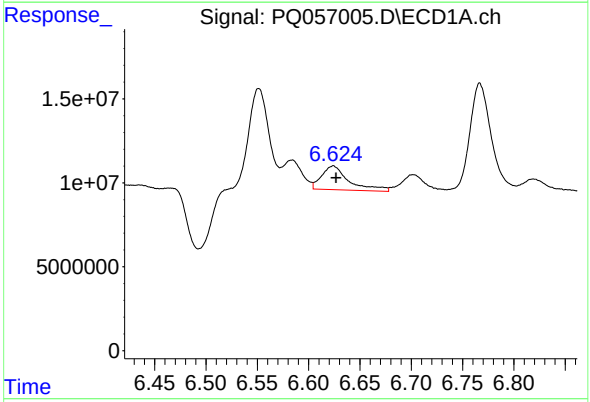

#19 AR-1242-4

R.T.: 5.890 min
Delta R.T.: -0.002 min
Response: 158511786
Conc: 406.34 ng/ml



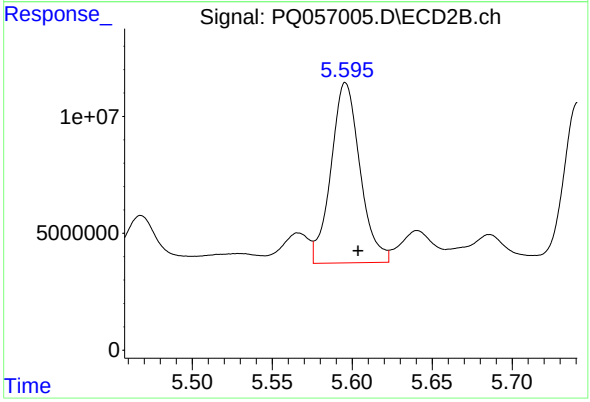

#19 AR-1242-4

R.T.: 5.082 min
Delta R.T.: -0.006 min
Response: 118990187
Conc: 520.42 ng/ml



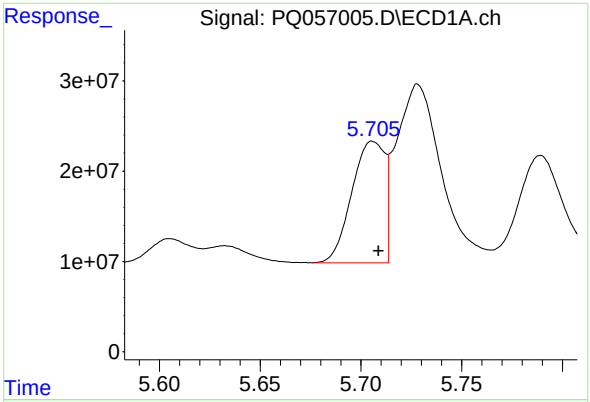

#20 AR-1242-5

R.T.: 6.624 min
Delta R.T.: -0.003 min
Response: 26215623
Conc: 66.32 ng/ml



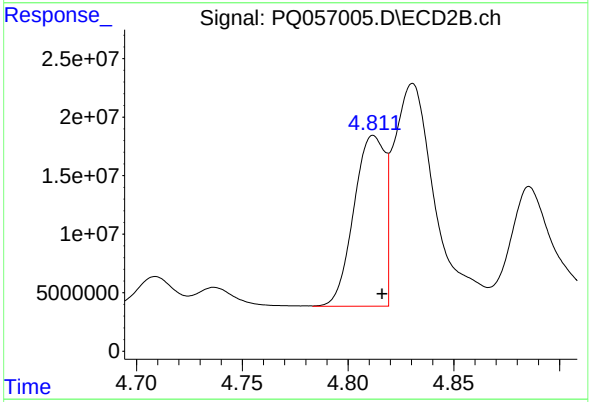

#20 AR-1242-5

R.T.: 5.596 min
Delta R.T.: -0.008 min
Response: 97431219
Conc: 326.23 ng/ml



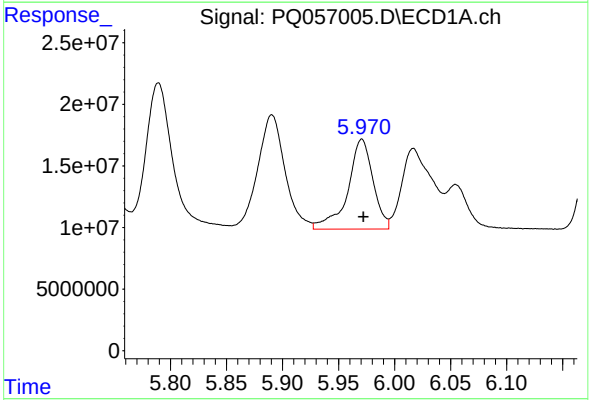

#21 AR-1248-1

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 153586736
Conc: 523.00 ng/ml



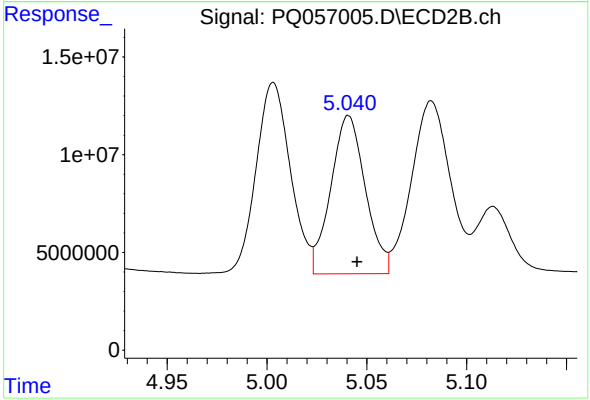

#21 AR-1248-1

R.T.: 4.812 min
Delta R.T.: -0.004 min
Response: 148667863
Conc: 666.08 ng/ml



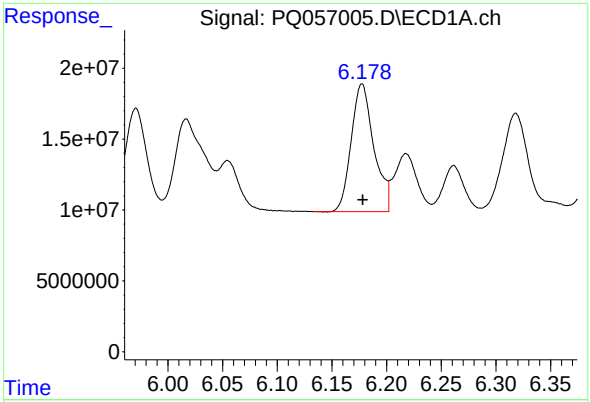

#22 AR-1248-2

R.T.: 5.971 min
Delta R.T.: -0.001 min
Response: 114496348
Conc: 213.31 ng/ml



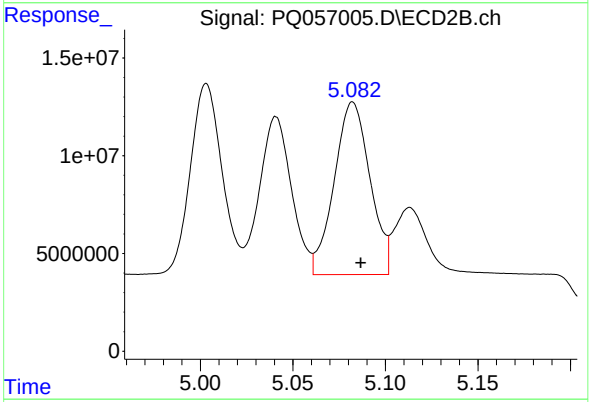

#22 AR-1248-2

R.T.: 5.041 min
Delta R.T.: -0.004 min
Response: 97522786
Conc: 292.52 ng/ml



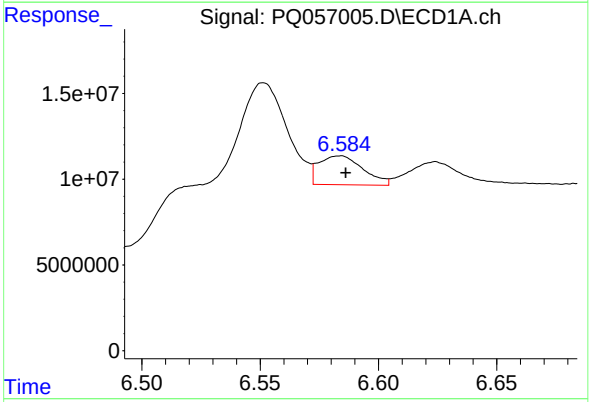

#23 AR-1248-3

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 129973792
Conc: 206.75 ng/ml



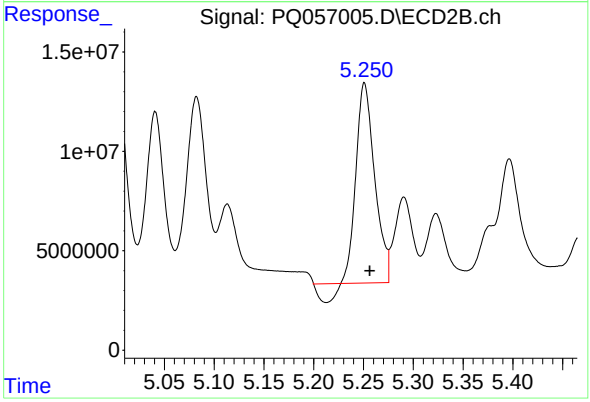

#23 AR-1248-3

R.T.: 5.082 min
Delta R.T.: -0.004 min
Response: 118990187
Conc: 339.61 ng/ml



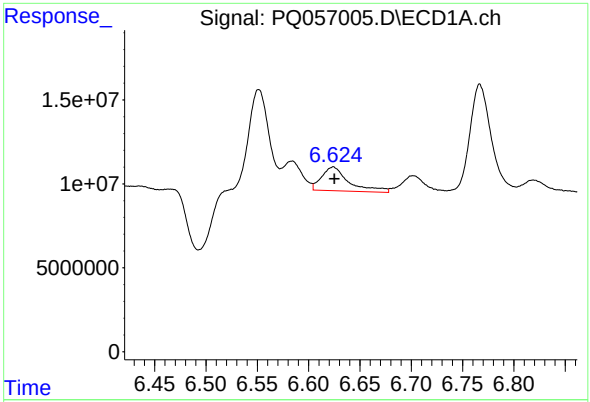

#24 AR-1248-4

R.T.: 6.584 min
Delta R.T.: -0.002 min
Response: 21910653
Conc: 33.49 ng/ml



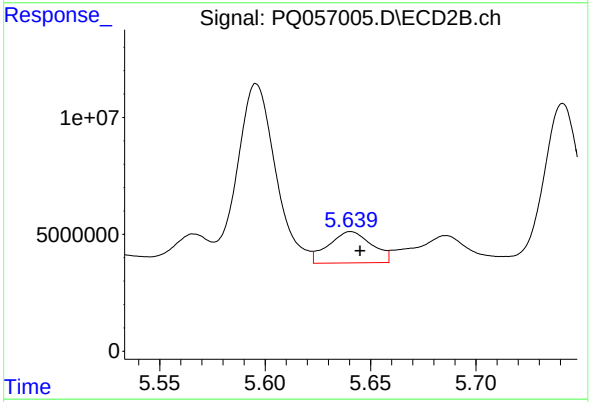

#24 AR-1248-4

R.T.: 5.251 min
Delta R.T.: -0.005 min
Response: 124481847
Conc: 297.98 ng/ml



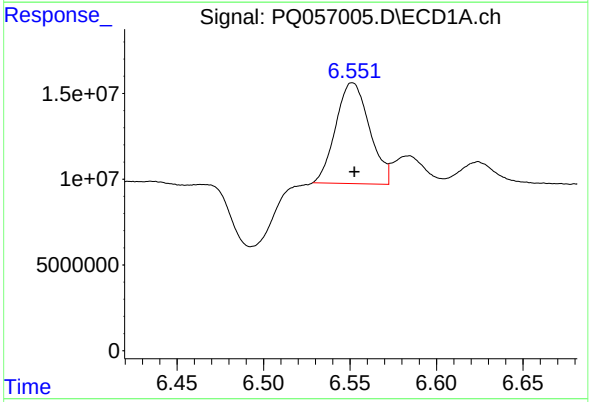

#25 AR-1248-5

R.T.: 6.624 min
Delta R.T.: -0.001 min
Response: 26215623
Conc: 37.74 ng/ml



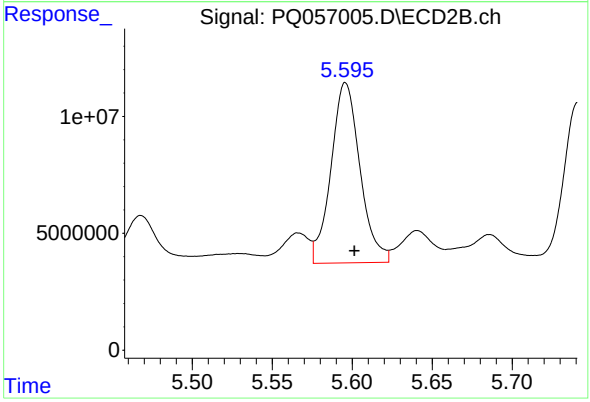

#25 AR-1248-5

R.T.: 5.641 min
Delta R.T.: -0.004 min
Response: 19137297
Conc: 42.70 ng/ml



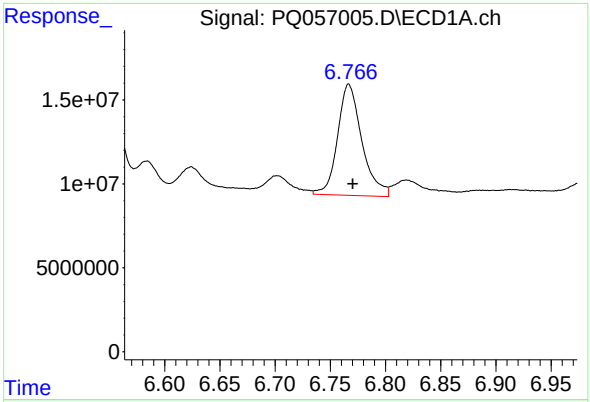

#26 AR-1254-1

R.T.: 6.551 min
Delta R.T.: -0.001 min
Response: 79702090
Conc: 123.80 ng/ml



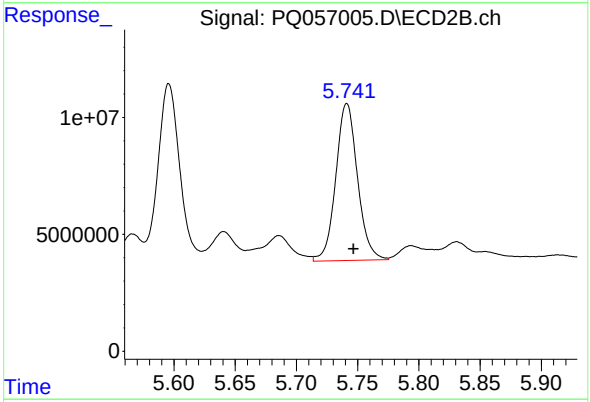

#26 AR-1254-1

R.T.: 5.596 min
Delta R.T.: -0.005 min
Response: 97431219
Conc: 146.11 ng/ml



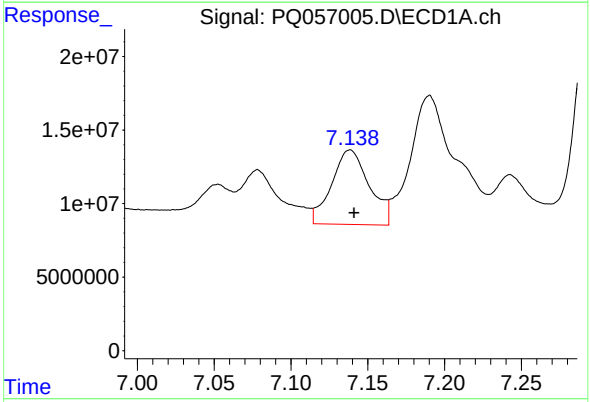

#27 AR-1254-2

R.T.: 6.767 min
Delta R.T.: -0.004 min
Response: 101608471
Conc: 101.86 ng/ml



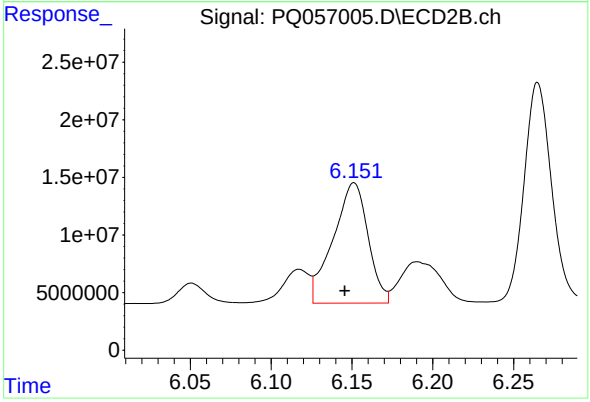

#27 AR-1254-2

R.T.: 5.741 min
Delta R.T.: -0.005 min
Response: 82995602
Conc: 151.16 ng/ml



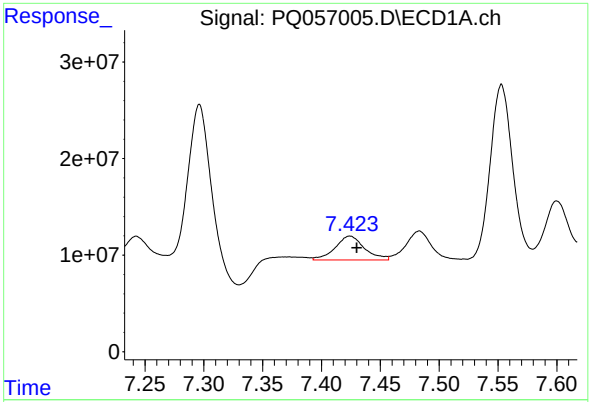

#28 AR-1254-3

R.T.: 7.138 min
Delta R.T.: -0.003 min
Response: 86685539
Conc: 78.27 ng/ml



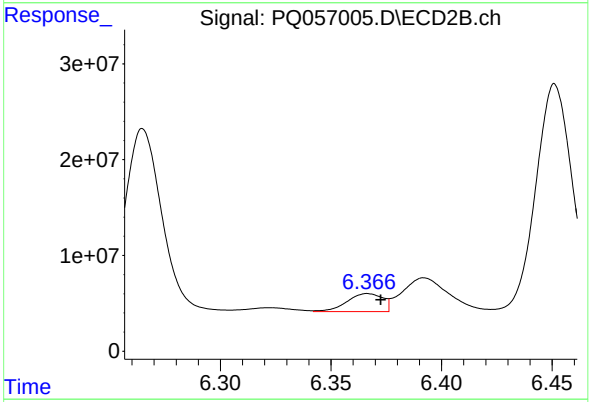

#28 AR-1254-3

R.T.: 6.151 min
Delta R.T.: 0.006 min
Response: 156910151
Conc: 168.83 ng/ml



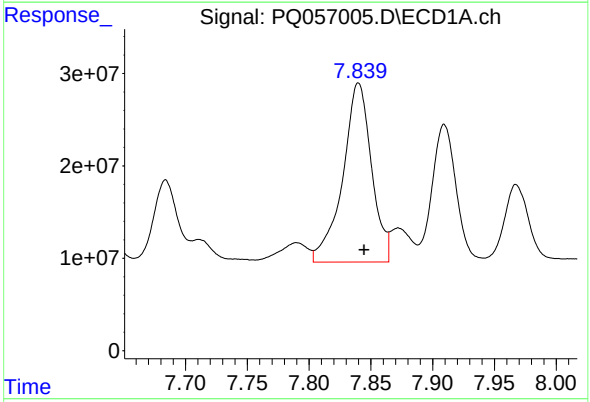

#29 AR-1254-4

R.T.: 7.424 min
Delta R.T.: -0.006 min
Response: 43027095
Conc: 58.73 ng/ml



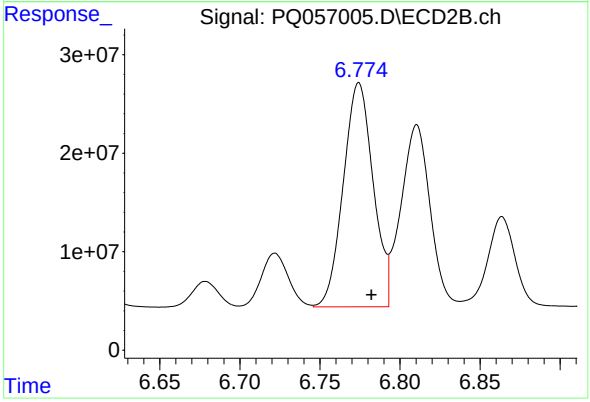

#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.006 min
Response: 21181058
Conc: 31.32 ng/ml



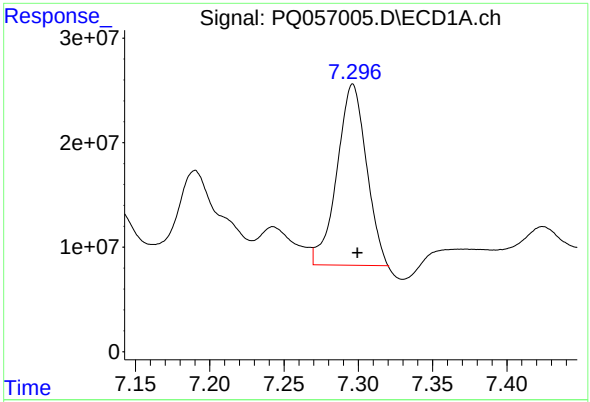

#30 AR-1254-5

R.T.: 7.840 min
Delta R.T.: -0.005 min
Response: 314789441
Conc: 372.16 ng/ml



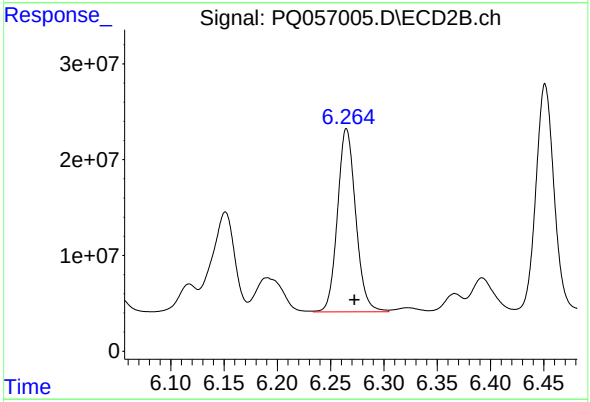

#30 AR-1254-5

R.T.: 6.774 min
Delta R.T.: -0.008 min
Response: 295523542
Conc: 361.75 ng/ml



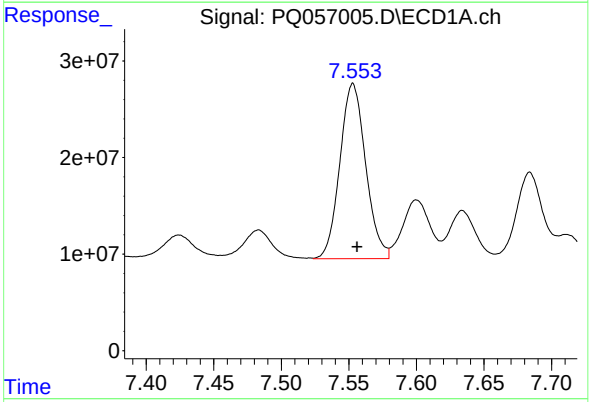

#31 AR-1260-1

R.T.: 7.296 min
Delta R.T.: -0.003 min
Response: 238400192
Conc: 372.04 ng/ml



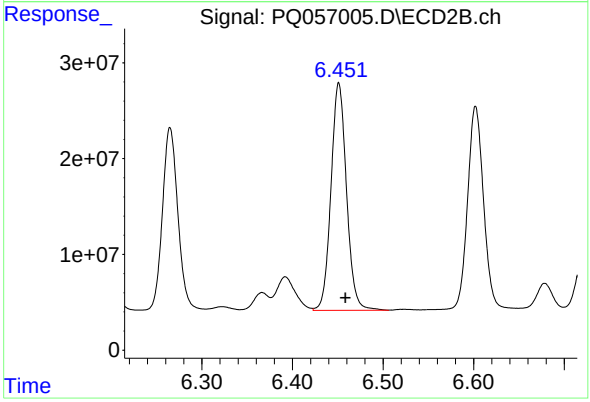

#31 AR-1260-1

R.T.: 6.265 min
Delta R.T.: -0.007 min
Response: 227877912
Conc: 417.17 ng/ml



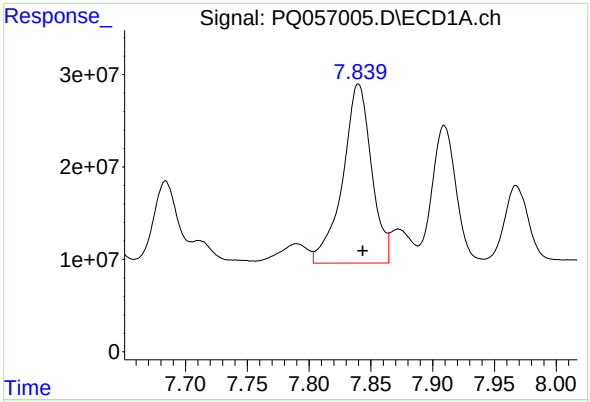

#32 AR-1260-2

R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 240959569
Conc: 326.94 ng/ml



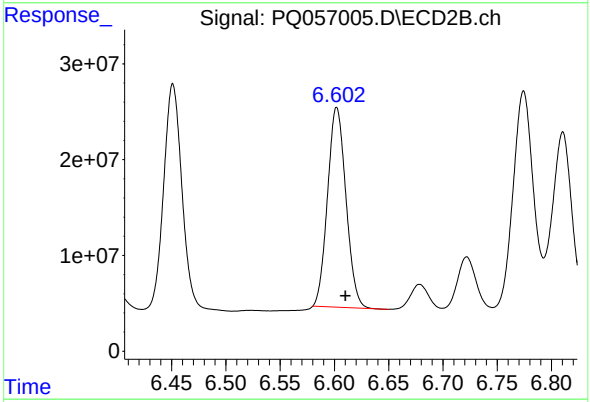

#32 AR-1260-2

R.T.: 6.451 min
Delta R.T.: -0.007 min
Response: 282614233
Conc: 424.66 ng/ml



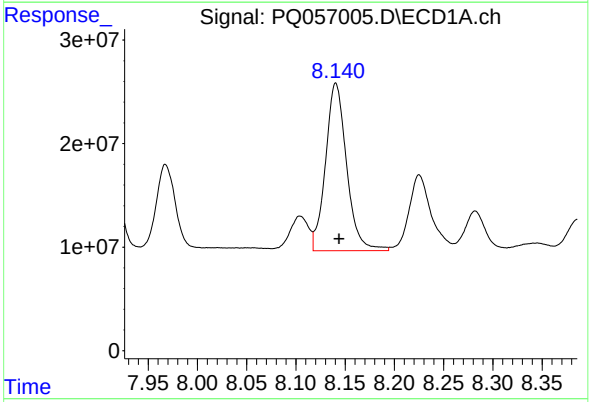

#33 AR-1260-3

R.T.: 7.840 min
Delta R.T.: -0.004 min
Response: 314789441
Conc: 337.53 ng/ml



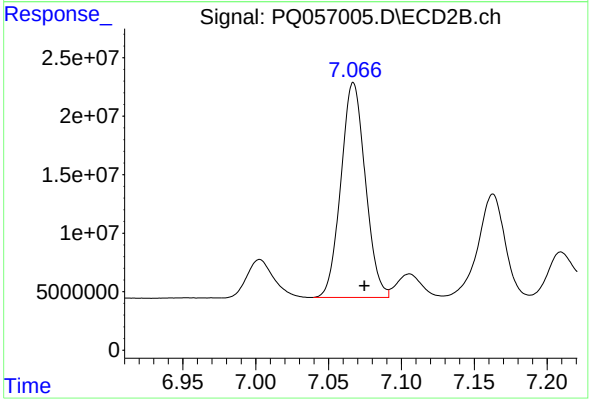

#33 AR-1260-3

R.T.: 6.602 min
Delta R.T.: -0.008 min
Response: 246144669
Conc: 397.78 ng/ml



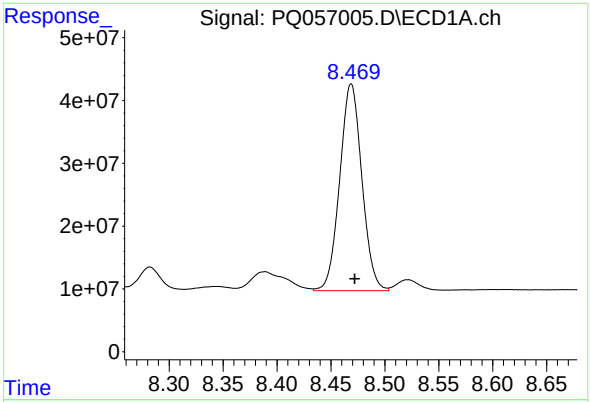

#34 AR-1260-4

R.T.: 8.140 min
Delta R.T.: -0.003 min
Response: 241155417
Conc: 349.29 ng/ml



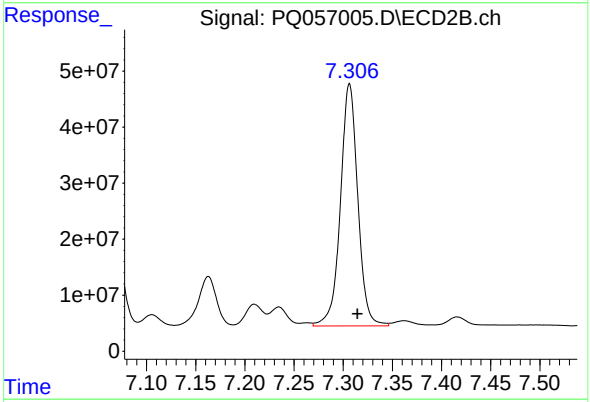

#34 AR-1260-4

R.T.: 7.067 min
Delta R.T.: -0.008 min
Response: 214366093
Conc: 405.41 ng/ml



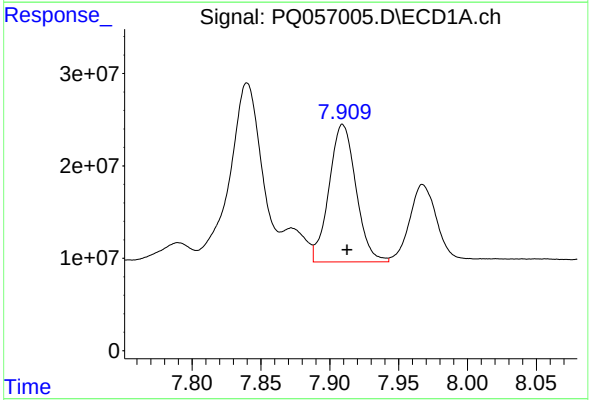

#35 AR-1260-5

R.T.: 8.469 min
Delta R.T.: -0.003 min
Response: 470687411
Conc: 339.07 ng/ml



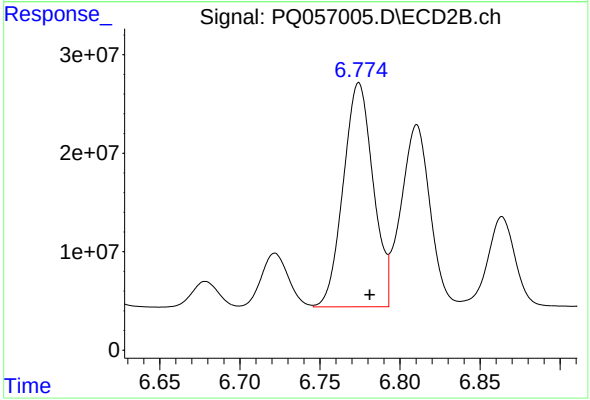

#35 AR-1260-5

R.T.: 7.306 min
Delta R.T.: -0.008 min
Response: 531858749
Conc: 406.33 ng/ml



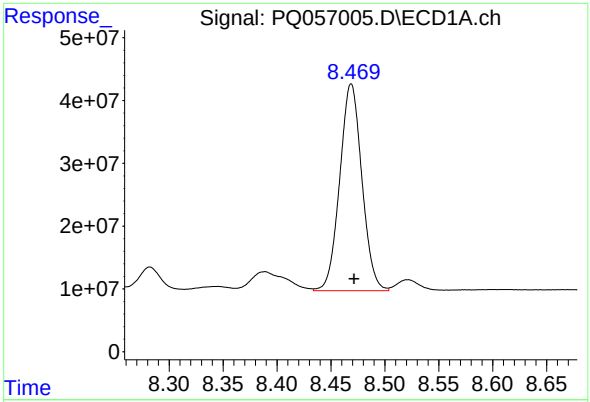

#36 AR-1262-1

R.T.: 7.909 min
Delta R.T.: -0.003 min
Response: 202680804
Conc: 202.18 ng/ml



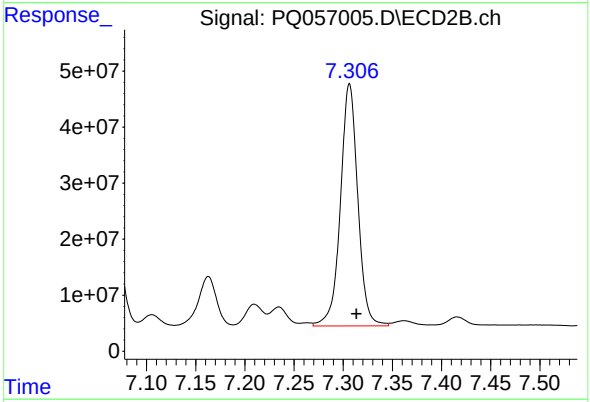

#36 AR-1262-1

R.T.: 6.774 min
Delta R.T.: -0.007 min
Response: 295523542
Conc: 697.90 ng/ml



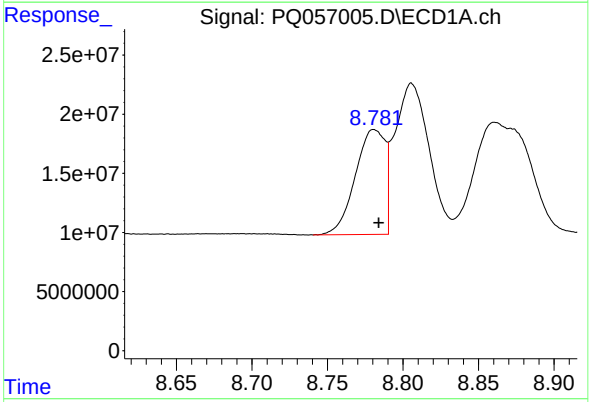

#37 AR-1262-2

R.T.: 8.469 min
Delta R.T.: -0.003 min
Response: 470687411
Conc: 256.42 ng/ml



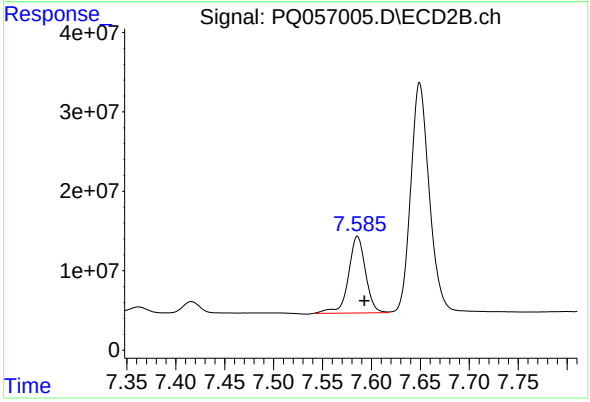

#37 AR-1262-2

R.T.: 7.306 min
Delta R.T.: -0.007 min
Response: 531858749
Conc: 333.08 ng/ml



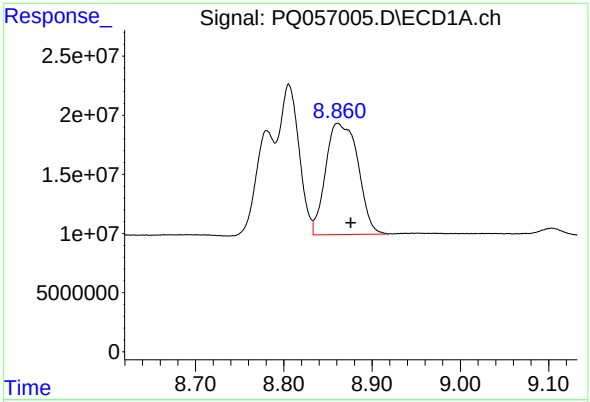

#38 AR-1262-3

R.T.: 8.781 min
Delta R.T.: -0.003 min
Response: 121935406
Conc: 151.09 ng/ml



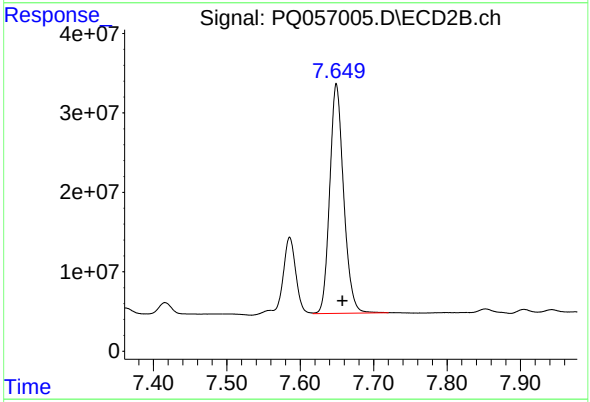

#38 AR-1262-3

R.T.: 7.586 min
Delta R.T.: -0.007 min
Response: 117565843
Conc: 183.24 ng/ml



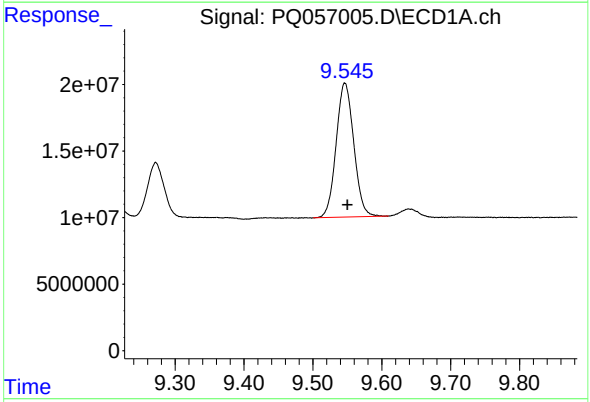

#39 AR-1262-4

R.T.: 8.861 min
Delta R.T.: -0.015 min
Response: 239336634
Conc: 399.60 ng/ml



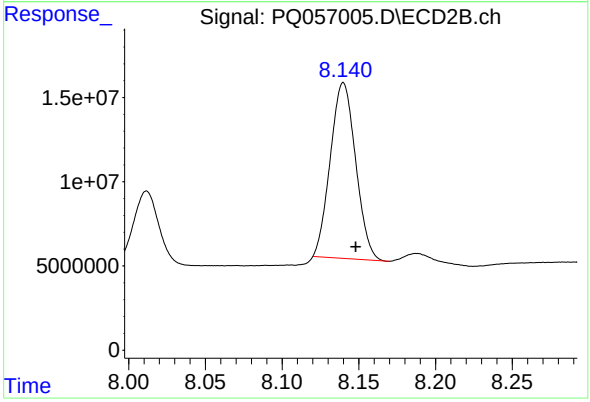

#39 AR-1262-4

R.T.: 7.649 min
Delta R.T.: -0.008 min
Response: 380534691
Conc: 322.52 ng/ml



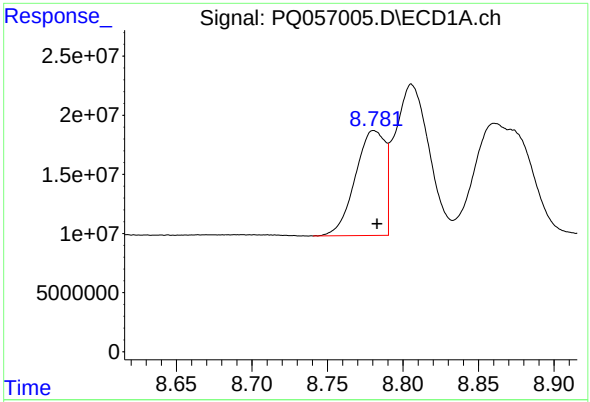

#40 AR-1262-5

R.T.: 9.546 min
Delta R.T.: -0.004 min
Response: 178628889
Conc: 265.23 ng/ml



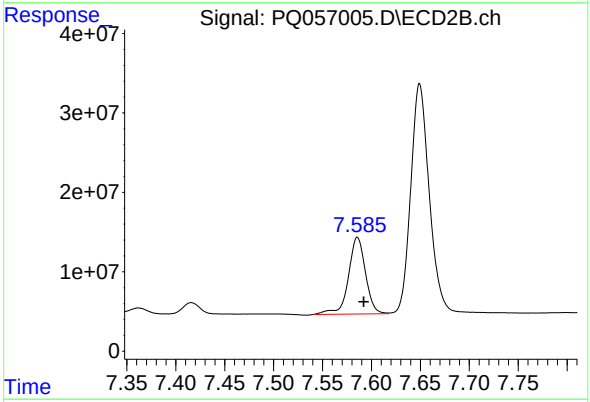

#40 AR-1262-5

R.T.: 8.140 min
Delta R.T.: -0.008 min
Response: 119986953
Conc: 238.93 ng/ml



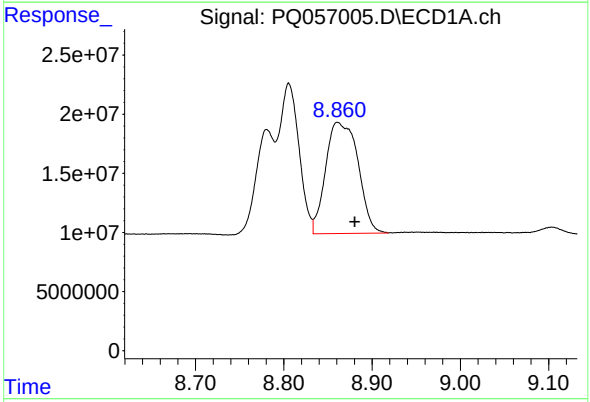

#41 AR-1268-1

R.T.: 8.781 min
Delta R.T.: -0.002 min
Response: 121935406
Conc: 56.16 ng/ml



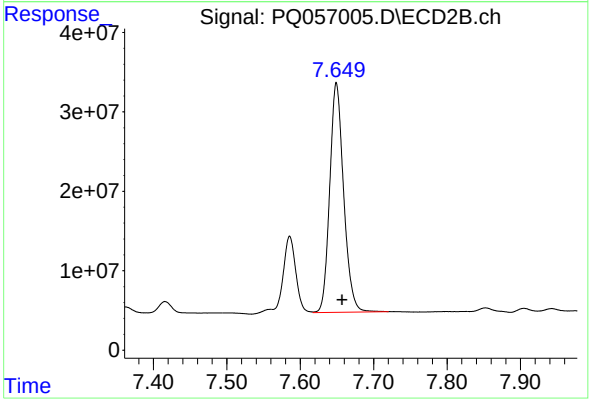

#41 AR-1268-1

R.T.: 7.586 min
Delta R.T.: -0.006 min
Response: 117565843
Conc: 63.72 ng/ml



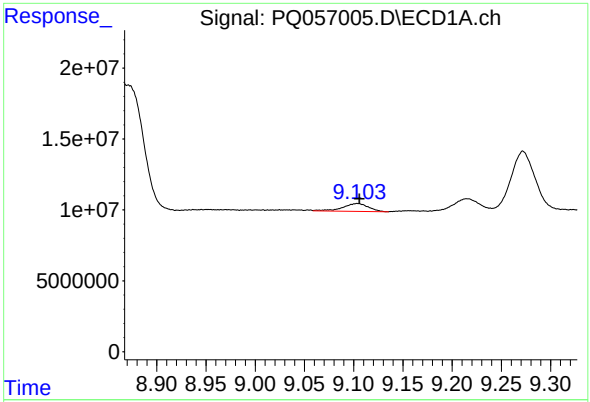

#42 AR-1268-2

R.T.: 8.861 min
Delta R.T.: -0.019 min
Response: 239336634
Conc: 113.88 ng/ml



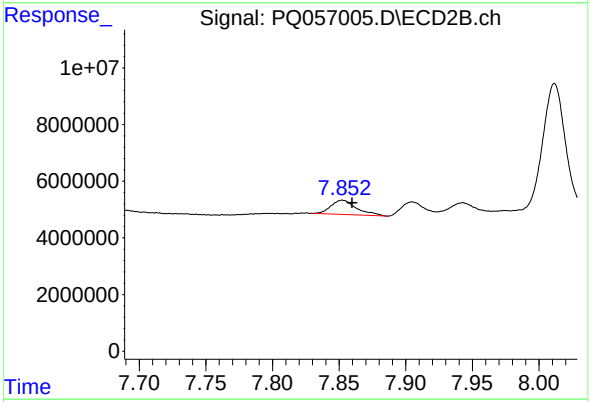

#42 AR-1268-2

R.T.: 7.649 min
Delta R.T.: -0.008 min
Response: 380534691
Conc: 226.22 ng/ml



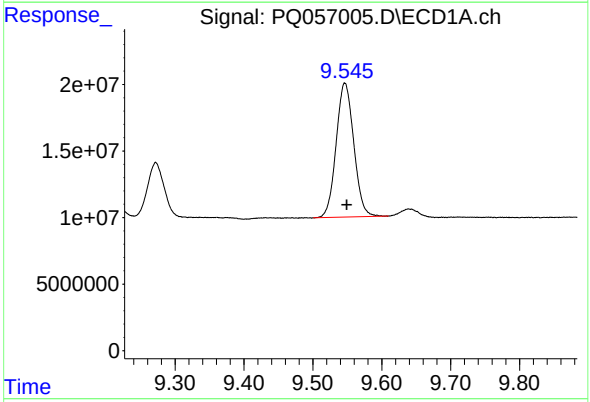

#43 AR-1268-3

R.T.: 9.104 min
Delta R.T.: -0.002 min
Response: 9910654
Conc: 5.54 ng/ml



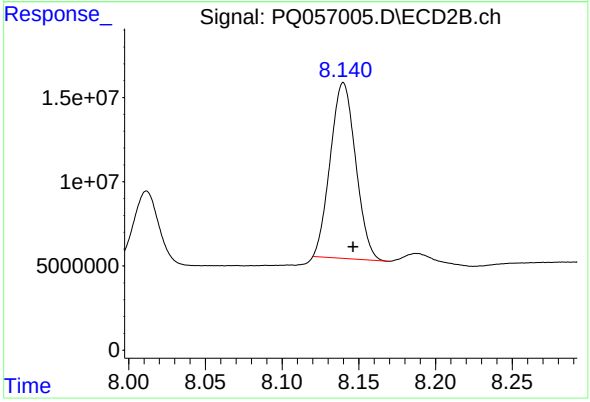

#43 AR-1268-3

R.T.: 7.853 min
Delta R.T.: -0.007 min
Response: 6790852
Conc: 5.31 ng/ml



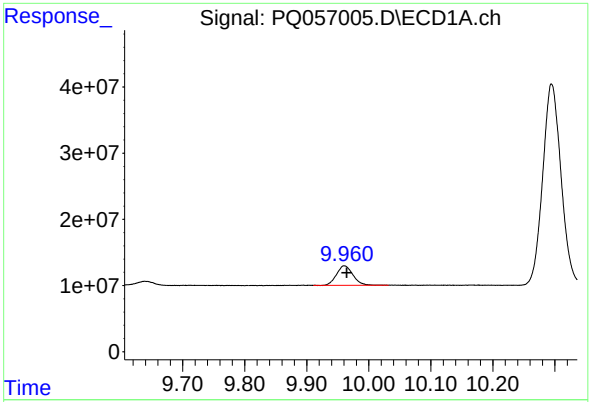

#44 AR-1268-4

R.T.: 9.546 min
Delta R.T.: -0.003 min
Response: 178628889
Conc: 248.31 ng/ml



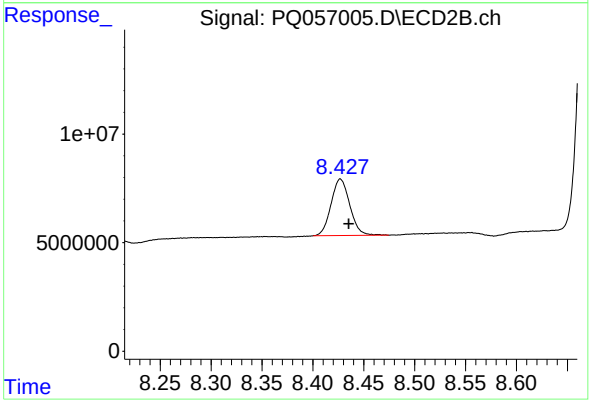

#44 AR-1268-4

R.T.: 8.140 min
Delta R.T.: -0.006 min
Response: 119986953
Conc: 217.87 ng/ml




#45 AR-1268-5

R.T.: 9.961 min
Delta R.T.: -0.004 min
Response: 53941272
Conc: 9.13 ng/ml




#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: -0.008 min
Response: 33413847
Conc: 7.48 ng/ml