

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ082020\  
 Data File : PQ049480.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Aug 2020 00:08  
 Operator : DD\AJ  
 Sample : AIBLK48  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 21 03:27:41 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ081920CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Aug 20 06:27:32 2020  
 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... | 5.251  | 4.290 | 114.8E6  | 70044771 | 21.096  | 19.762   |
| 2)                          | SA Decachlor... | 11.474 | 9.644 | 355.5E6  | 217.4E6  | 36.751  | 38.440   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.573 | 0        | 966887   | N.D.    | 5.749 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.573 | 0        | 966887   | N.D.    | 4.217 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.877 | 0        | 2557174  | N.D.    | 28.870 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 6.005 | 0        | 267825   | N.D.    | 2.006 #  |
| 8)                          | L2 AR-1221-1    | 5.464  | 4.481 | 64747    | 1008663  | 0.983   | 23.676 # |
| 9)                          | L2 AR-1221-2    | 5.610  | 4.647 | 1899973  | 1000554  | 38.053  | 31.447   |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.715 | 0        | 626168   | N.D.    | 5.865 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.715 | 0        | 626168   | N.D.    | 7.692 #  |
| 12)                         | L3 AR-1232-2    | 6.341  | 5.573 | 1241410  | 966887   | 18.552  | 9.990 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.877 | 0        | 2557174  | N.D.    | 58.372 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 6.005 | 0        | 267825   | N.D.    | 5.283 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.573 | 0        | 966887   | N.D.    | 6.966 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.573 | 0        | 966887   | N.D.    | 5.110 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.877 | 0        | 2557174  | N.D.    | 26.895 # |
| 20)                         | L4 AR-1242-5    | 7.563  | 6.450 | 16768291 | 12965166 | 92.953  | 90.700   |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.573 | 0        | 966887   | N.D.    | 9.098 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.877 | 0        | 2557174  | N.D.    | 19.634 # |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.877 | 0        | 2557174  | N.D.    | 18.767 # |
| 24)                         | L5 AR-1248-4    | 7.505  | 6.005 | 82310069 | 267825   | 273.342 | 1.509 #  |
| 25)                         | L5 AR-1248-5    | 7.563  | 6.450 | 16768291 | 12965166 | 59.296  | 67.745   |
| 26)                         | L6 AR-1254-1    | 7.505  | 6.450 | 82310069 | 12965166 | 275.791 | 42.349 # |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.616 | 0        | 1994309  | N.D.    | 7.092 #  |
| 28)                         | L6 AR-1254-3    | 8.143  | 6.991 | 9282785  | 22541831 | 17.719  | 47.284 # |
| 29)                         | L6 AR-1254-4    | 8.378  | 7.178 | 4635418  | 2218263  | 10.481  | 6.533 #  |
| 30)                         | L6 AR-1254-5    | 8.817  | 7.665 | 3491785  | 1934216  | 7.522   | 4.306 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 7.133 | 0        | 740140   | N.D.    | 2.556 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 7.310 | 0        | 7042033  | N.D.    | 18.252 # |
| 33)                         | L7 AR-1260-3    | 8.901  | 7.484 | 2670350  | 2354345  | 6.839   | 7.254    |
| 35)                         | L7 AR-1260-5    | 9.532  | 0.000 | 2025078  | 0        | 2.064   | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.901  | 7.665 | 2670350  | 1934216  | 4.432   | 8.109 #  |
| 37)                         | L8 AR-1262-2    | 9.532  | 0.000 | 2025078  | 0        | 1.710   | N.D. #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.532 | 0        | 30283973 | N.D.    | 77.916 # |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.532 | 0        | 30283973 | N.D.    | 44.217 # |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.532 | 0        | 30283973 | N.D.    | 25.496 # |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.532 | 0        | 30283973 | N.D.    | 28.354 # |
| 43)                         | L9 AR-1268-3    | 10.181 | 8.783 | 7744412  | 3651868  | 5.836   | 4.054 #  |
| 45)                         | L9 AR-1268-5    | 11.109 | 9.380 | 6726160  | 1946134  | 1.626   | 0.723 #  |
| -----                       |                 |        |       |          |          |         |          |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ082020\  
Data File : PQ049480.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Aug 2020 00:08  
Operator : DD\AJ  
Sample : AIBLK48  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 21 03:27:41 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ081920CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Aug 20 06:27:32 2020  
Response via : Initial Calibration  
Integrator: ChemStation

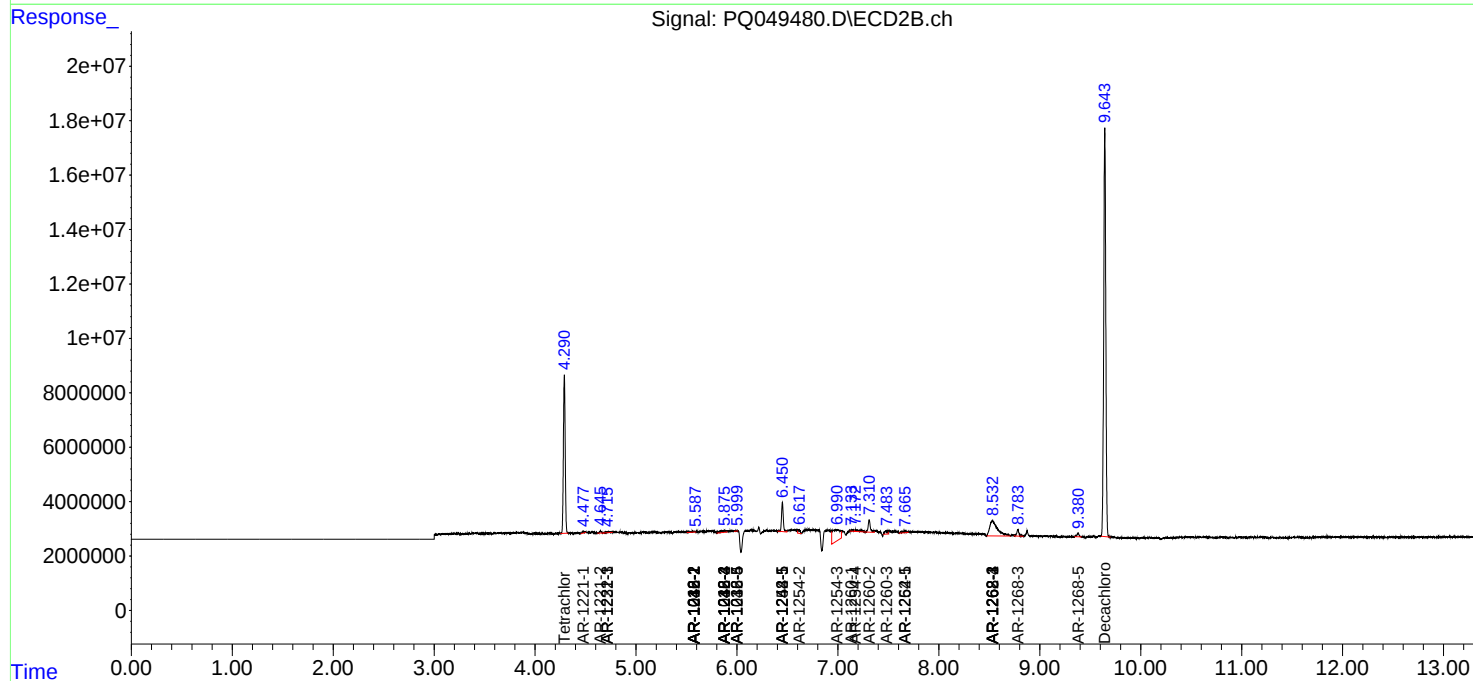
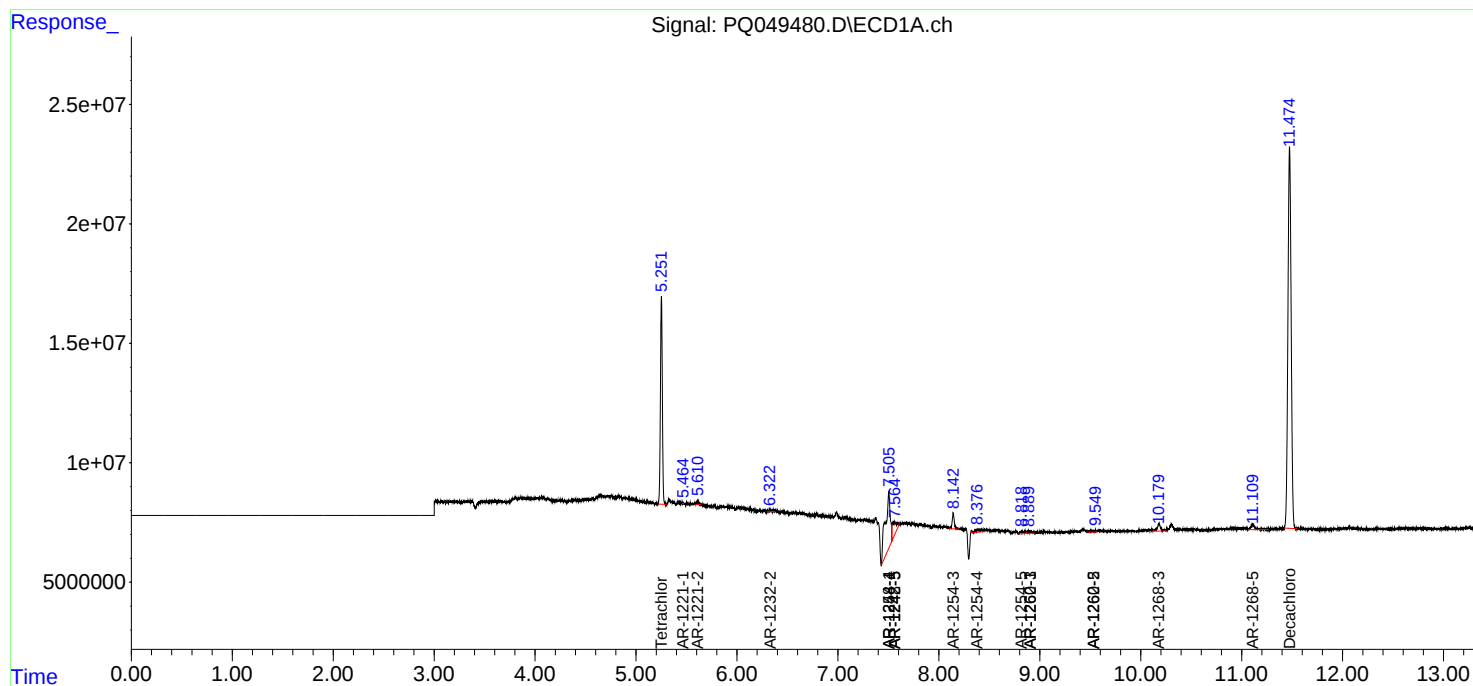
Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

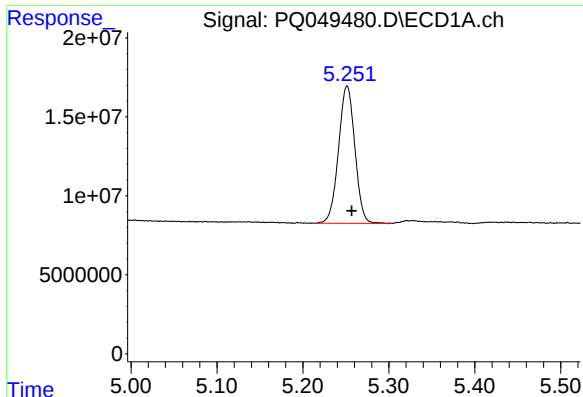
| Compound                                                              | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ082020\  
Data File : PQ049480.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Aug 2020 00:08  
Operator : DD\AJ  
Sample : AIBLK48  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 21 03:27:41 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ081920CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Aug 20 06:27:32 2020  
Response via : Initial Calibration  
Integrator: ChemStation

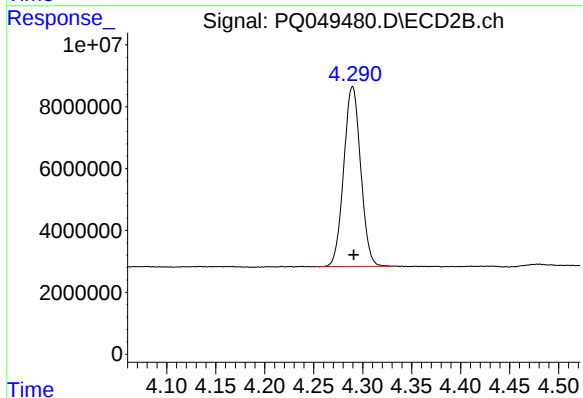
Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm





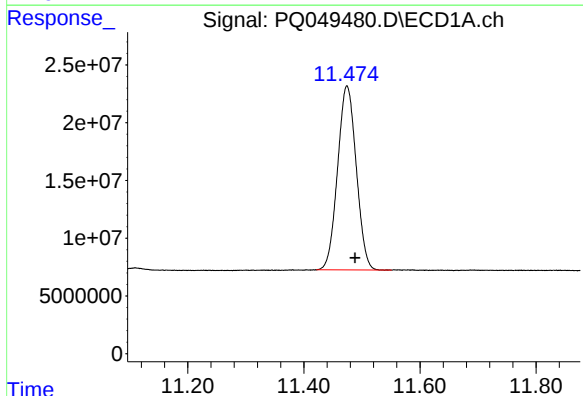
#1 Tetrachloro-m-xylene

R.T.: 5.251 min  
Delta R.T.: -0.006 min  
Response: 114832676  
Conc: 21.10 ng/ml



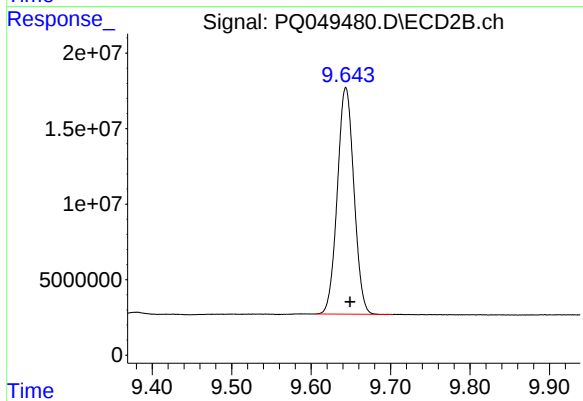
#1 Tetrachloro-m-xylene

R.T.: 4.290 min  
Delta R.T.: -0.001 min  
Response: 70044771  
Conc: 19.76 ng/ml



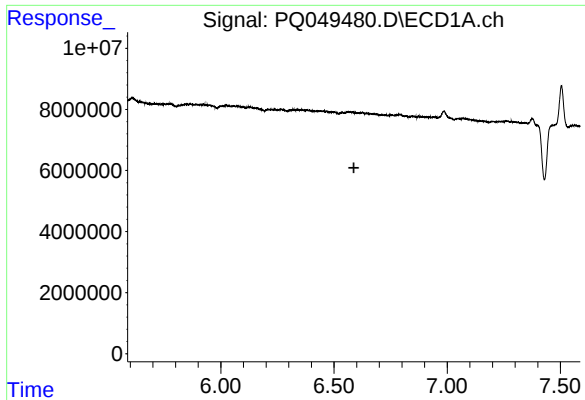
#2 Decachlorobiphenyl

R.T.: 11.474 min  
Delta R.T.: -0.014 min  
Response: 355544760  
Conc: 36.75 ng/ml



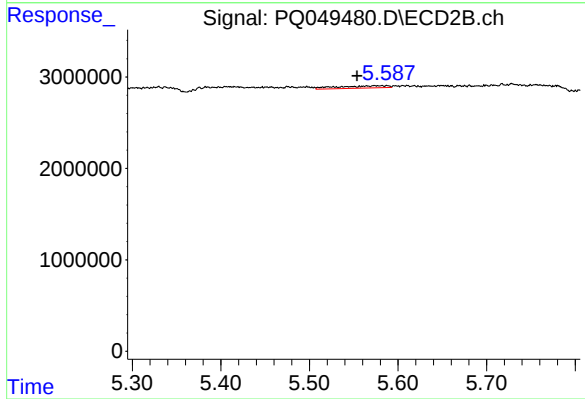
#2 Decachlorobiphenyl

R.T.: 9.644 min  
Delta R.T.: -0.005 min  
Response: 217428776  
Conc: 38.44 ng/ml



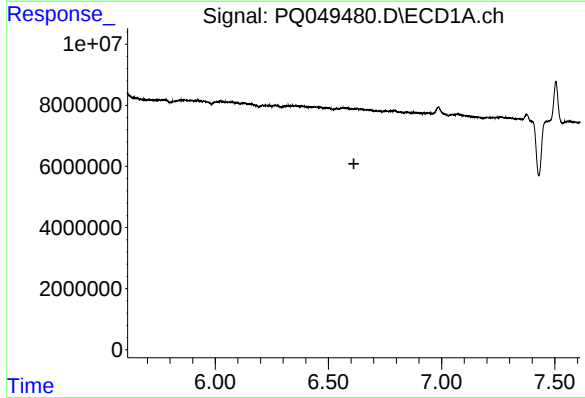
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 6.588 min  
Response: 0  
Conc: N.D.



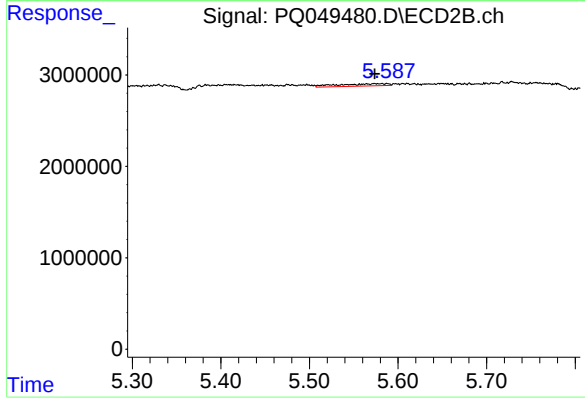
#3 AR-1016-1

R.T.: 5.573 min  
Delta R.T.: 0.019 min  
Response: 966887  
Conc: 5.75 ng/ml



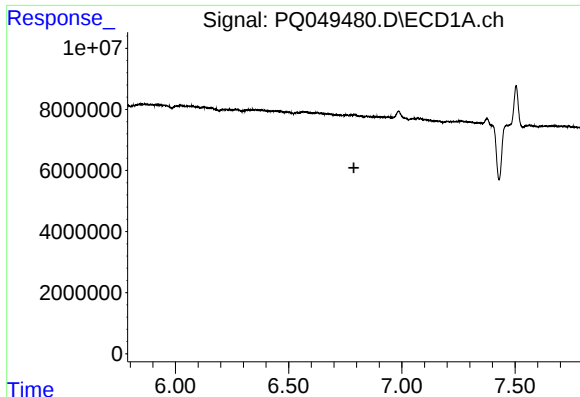
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 6.613 min  
Response: 0  
Conc: N.D.



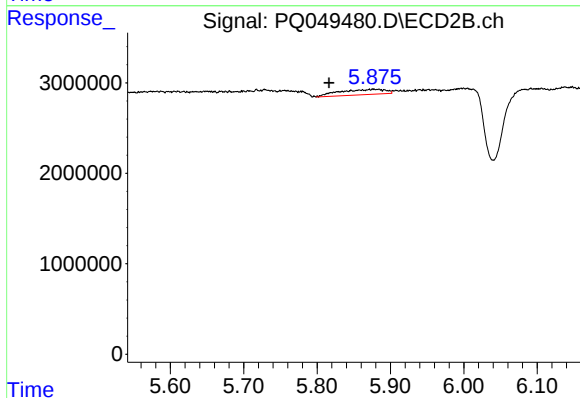
#4 AR-1016-2

R.T.: 5.573 min  
Delta R.T.: 0.000 min  
Response: 966887  
Conc: 4.22 ng/ml



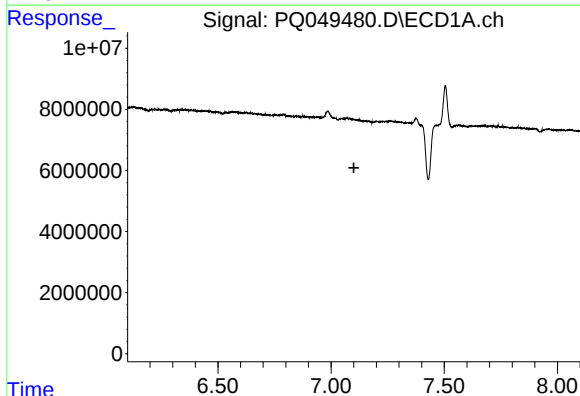
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 6.788 min  
Response: 0  
Conc: N.D.



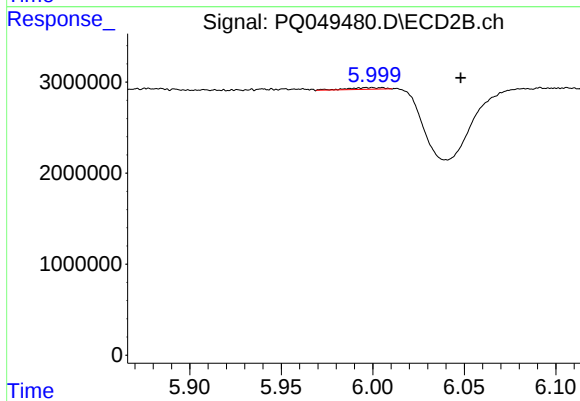
#6 AR-1016-4

R.T.: 5.877 min  
Delta R.T.: 0.060 min  
Response: 2557174  
Conc: 28.87 ng/ml



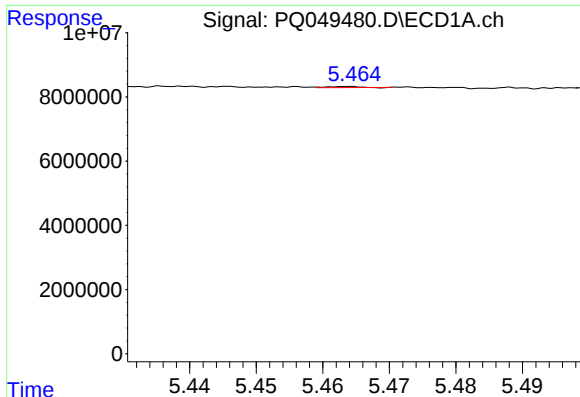
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 7.101 min  
Response: 0  
Conc: N.D.



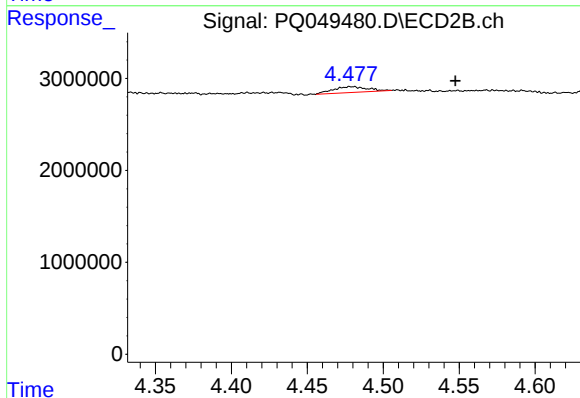
#7 AR-1016-5

R.T.: 6.005 min  
Delta R.T.: -0.043 min  
Response: 267825  
Conc: 2.01 ng/ml



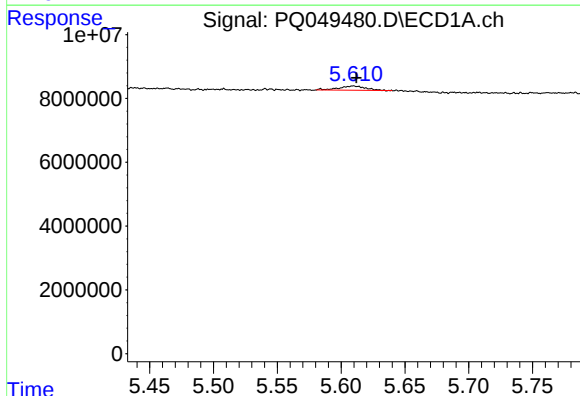
#8 AR-1221-1

R.T.: 5.464 min  
Delta R.T.: -0.046 min  
Response: 64747  
Conc: 0.98 ng/ml



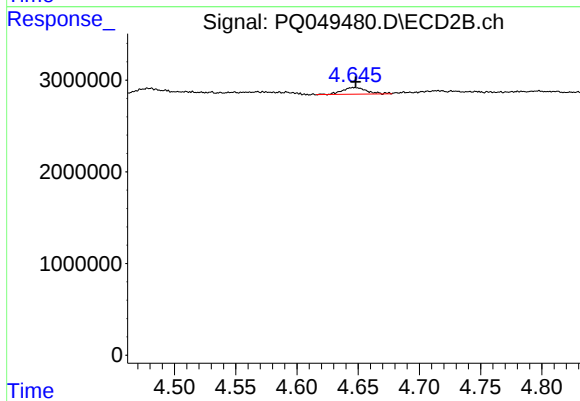
#8 AR-1221-1

R.T.: 4.481 min  
Delta R.T.: -0.066 min  
Response: 1008663  
Conc: 23.68 ng/ml



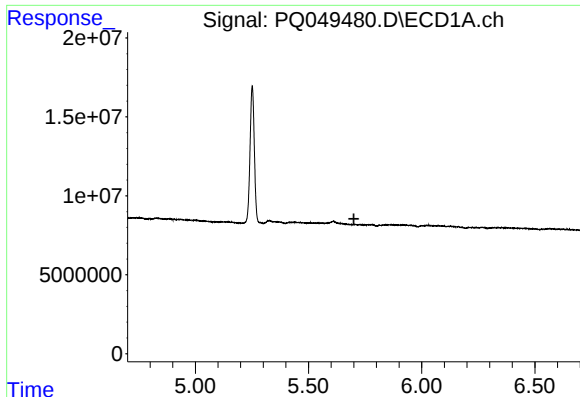
#9 AR-1221-2

R.T.: 5.610 min  
Delta R.T.: -0.002 min  
Response: 1899973  
Conc: 38.05 ng/ml



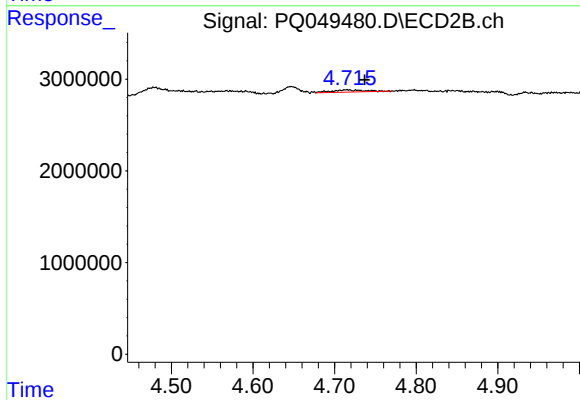
#9 AR-1221-2

R.T.: 4.647 min  
Delta R.T.: 0.000 min  
Response: 1000554  
Conc: 31.45 ng/ml



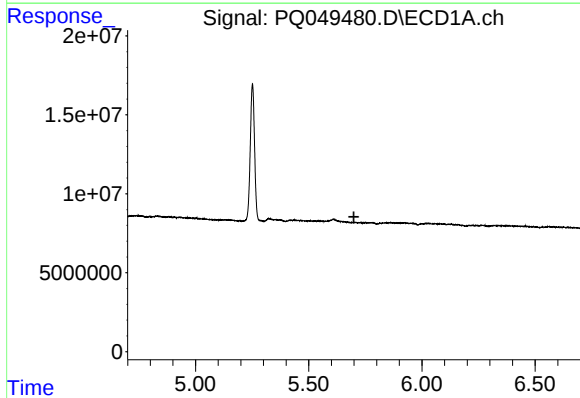
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 5.701 min  
Response: 0  
Conc: N.D.



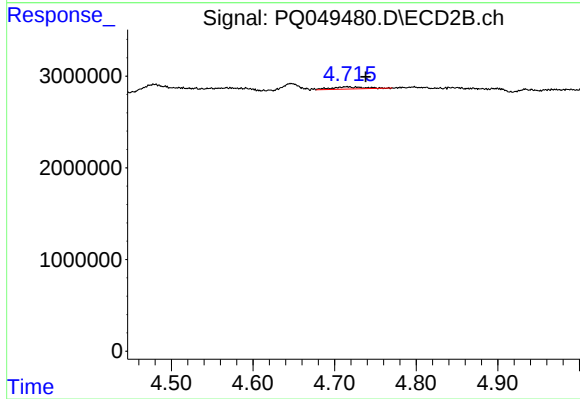
#10 AR-1221-3

R.T.: 4.715 min  
Delta R.T.: -0.022 min  
Response: 626168  
Conc: 5.86 ng/ml



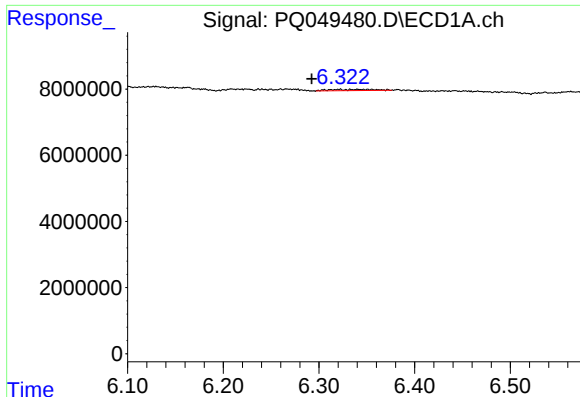
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 5.700 min  
Response: 0  
Conc: N.D.



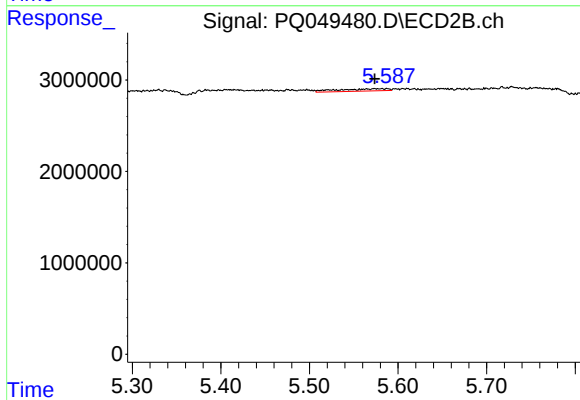
#11 AR-1232-1

R.T.: 4.715 min  
Delta R.T.: -0.024 min  
Response: 626168  
Conc: 7.69 ng/ml



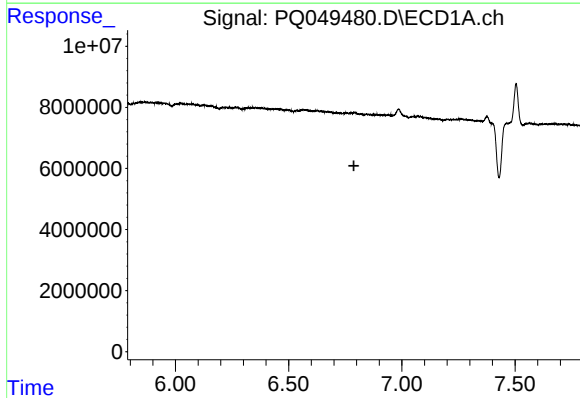
#12 AR-1232-2

R.T.: 6.341 min  
Delta R.T.: 0.049 min  
Response: 1241410  
Conc: 18.55 ng/ml



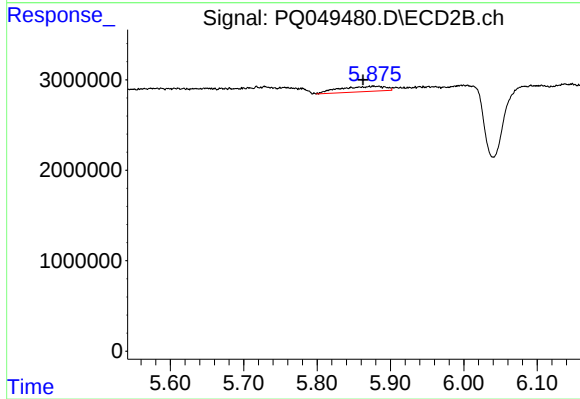
#12 AR-1232-2

R.T.: 5.573 min  
Delta R.T.: 0.000 min  
Response: 966887  
Conc: 9.99 ng/ml



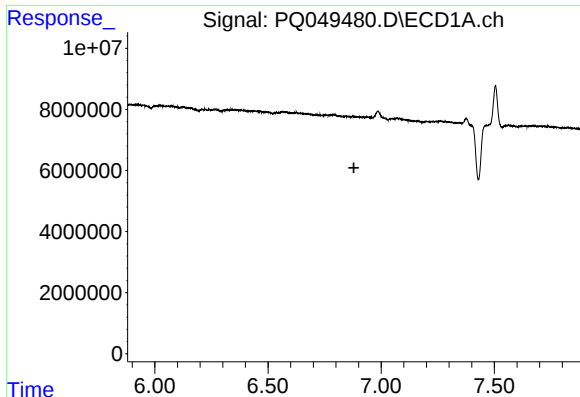
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 6.788 min  
Response: 0  
Conc: N.D.



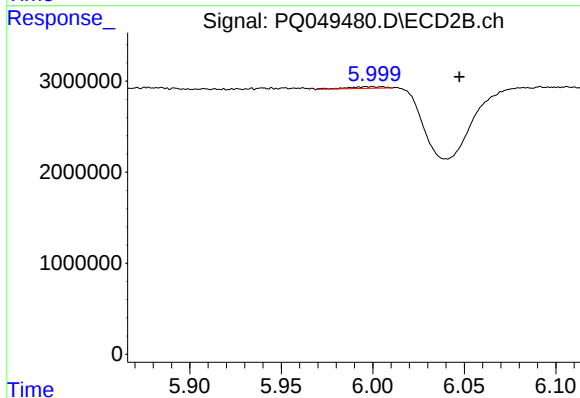
#14 AR-1232-4

R.T.: 5.877 min  
Delta R.T.: 0.014 min  
Response: 2557174  
Conc: 58.37 ng/ml



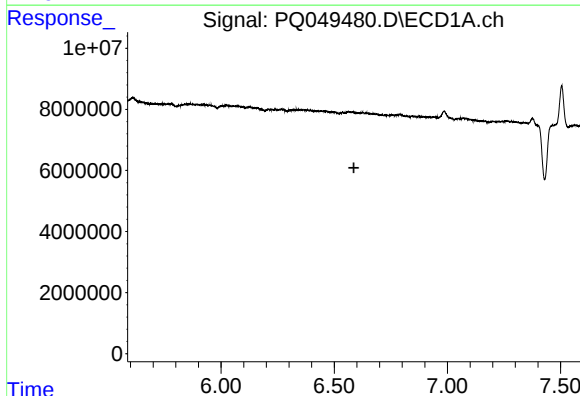
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.880 min  
Response: 0  
Conc: N.D.



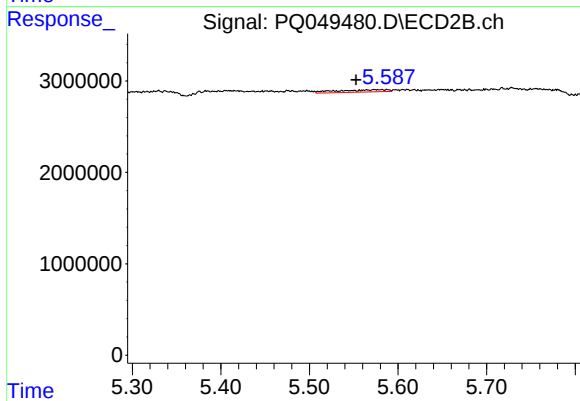
#15 AR-1232-5

R.T.: 6.005 min  
Delta R.T.: -0.042 min  
Response: 267825  
Conc: 5.28 ng/ml



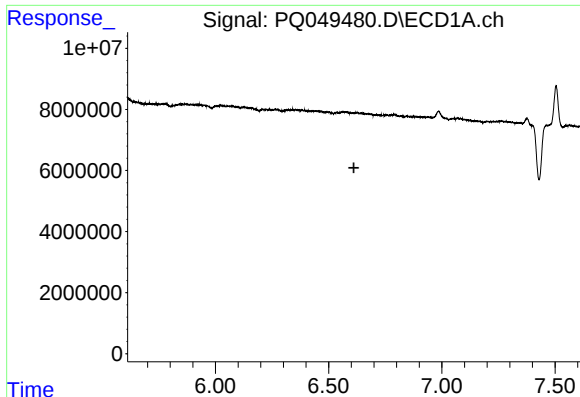
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 6.587 min  
Response: 0  
Conc: N.D.



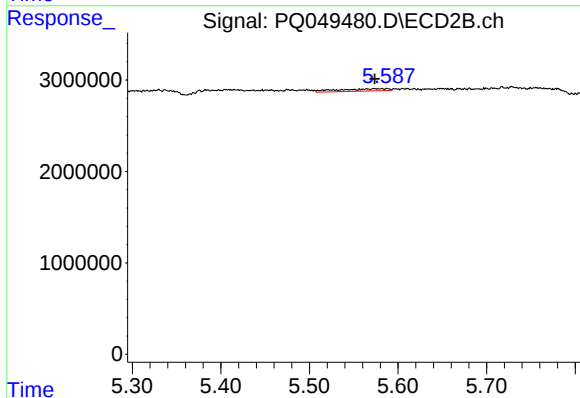
#16 AR-1242-1

R.T.: 5.573 min  
Delta R.T.: 0.021 min  
Response: 966887  
Conc: 6.97 ng/ml



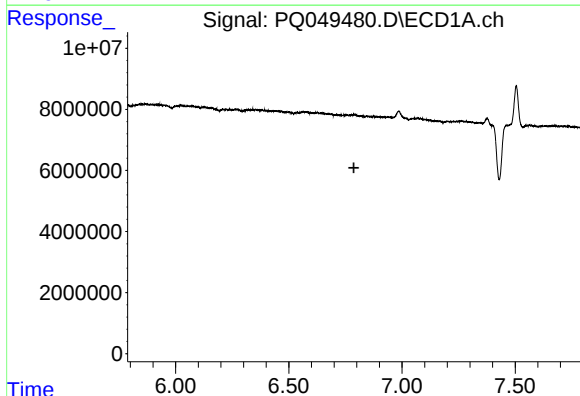
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 6.612 min  
Response: 0  
Conc: N.D.



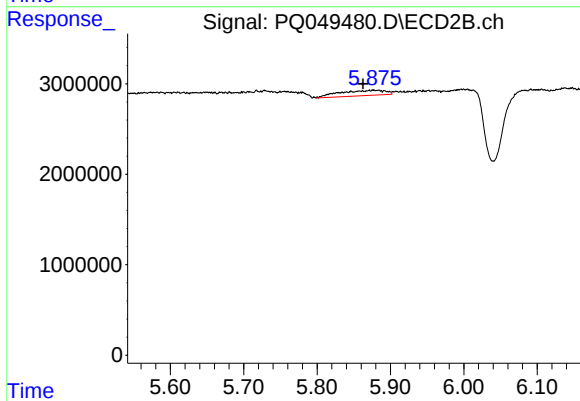
#17 AR-1242-2

R.T.: 5.573 min  
Delta R.T.: 0.000 min  
Response: 966887  
Conc: 5.11 ng/ml



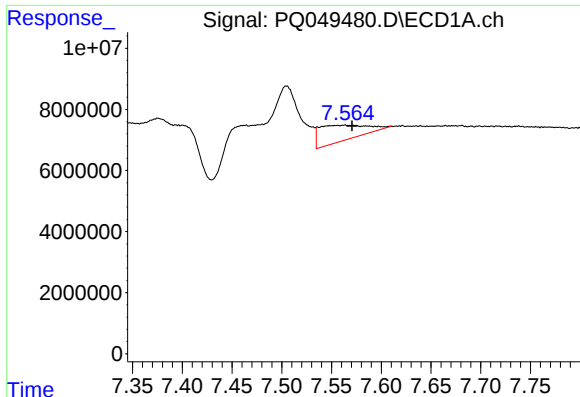
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.787 min  
Response: 0  
Conc: N.D.



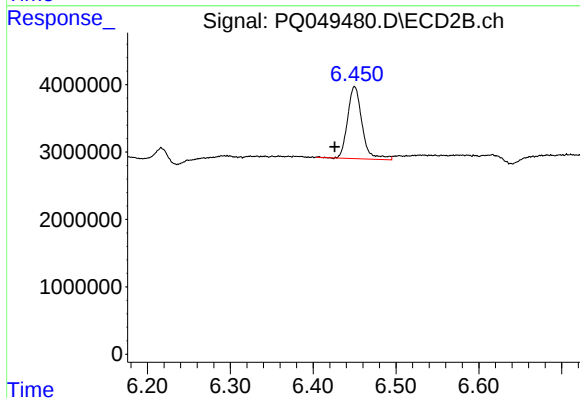
#19 AR-1242-4

R.T.: 5.877 min  
Delta R.T.: 0.014 min  
Response: 2557174  
Conc: 26.90 ng/ml



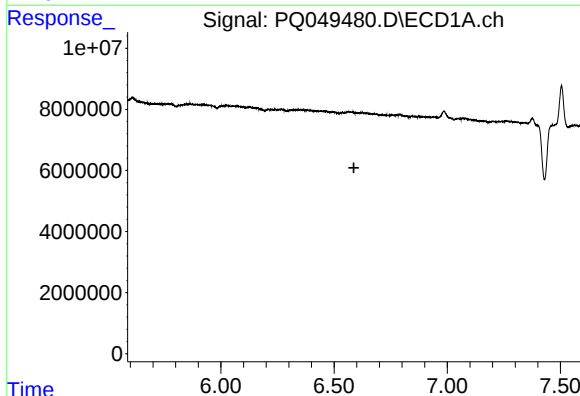
#20 AR-1242-5

R.T.: 7.563 min  
Delta R.T.: -0.008 min  
Response: 16768291  
Conc: 92.95 ng/ml



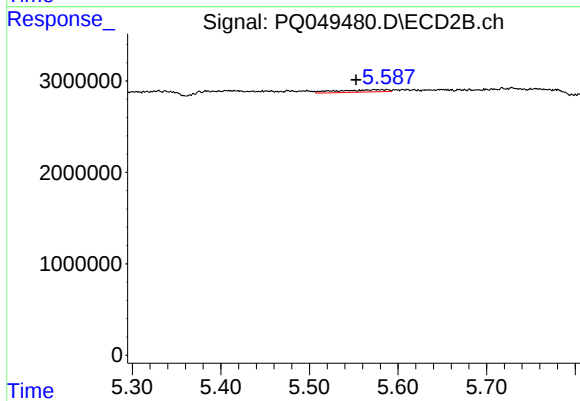
#20 AR-1242-5

R.T.: 6.450 min  
Delta R.T.: 0.024 min  
Response: 12965166  
Conc: 90.70 ng/ml



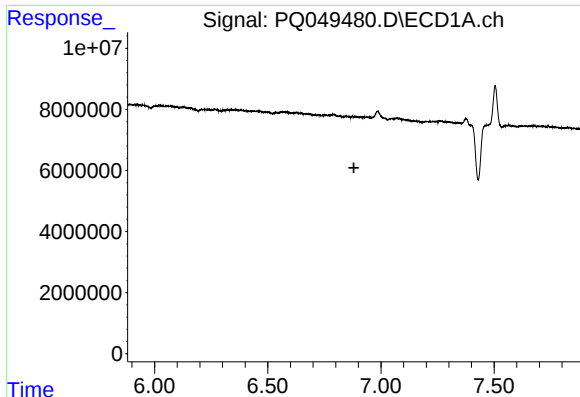
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 6.587 min  
Response: 0  
Conc: N.D.



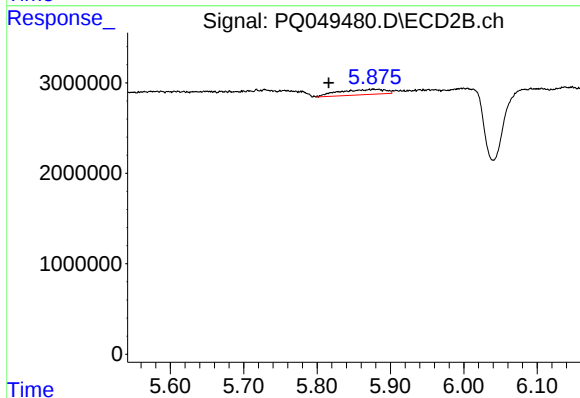
#21 AR-1248-1

R.T.: 5.573 min  
Delta R.T.: 0.021 min  
Response: 966887  
Conc: 9.10 ng/ml



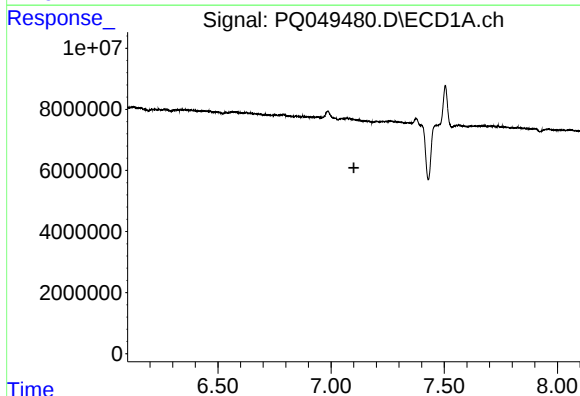
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 6.881 min  
Response: 0  
Conc: N.D.



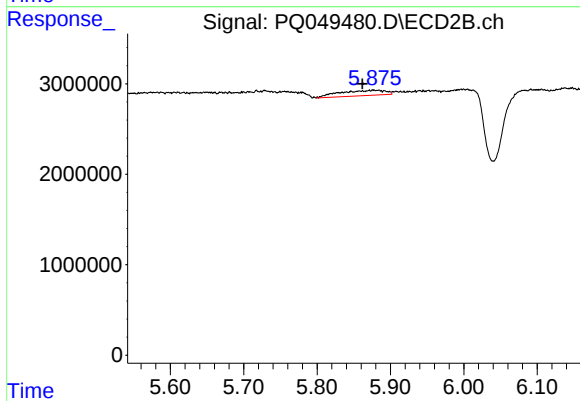
#22 AR-1248-2

R.T.: 5.877 min  
Delta R.T.: 0.061 min  
Response: 2557174  
Conc: 19.63 ng/ml



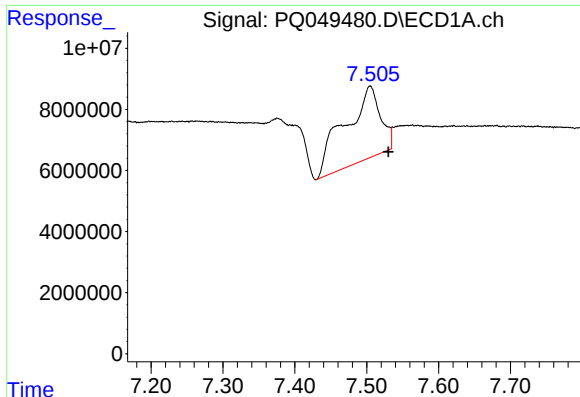
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 7.101 min  
Response: 0  
Conc: N.D.



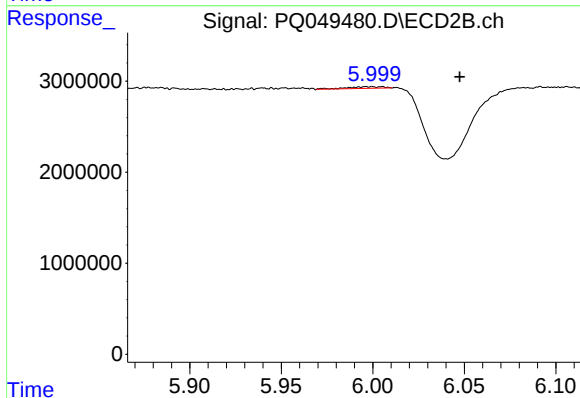
#23 AR-1248-3

R.T.: 5.877 min  
Delta R.T.: 0.015 min  
Response: 2557174  
Conc: 18.77 ng/ml



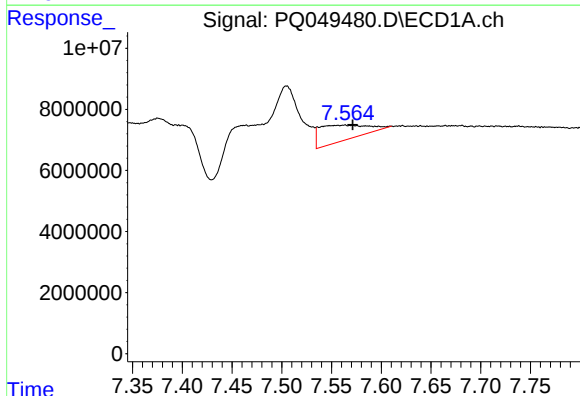
#24 AR-1248-4

R.T.: 7.505 min  
Delta R.T.: -0.025 min  
Response: 82310069  
Conc: 273.34 ng/ml



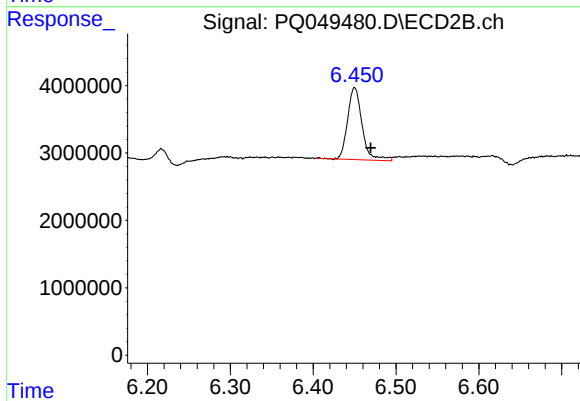
#24 AR-1248-4

R.T.: 6.005 min  
Delta R.T.: -0.043 min  
Response: 267825  
Conc: 1.51 ng/ml



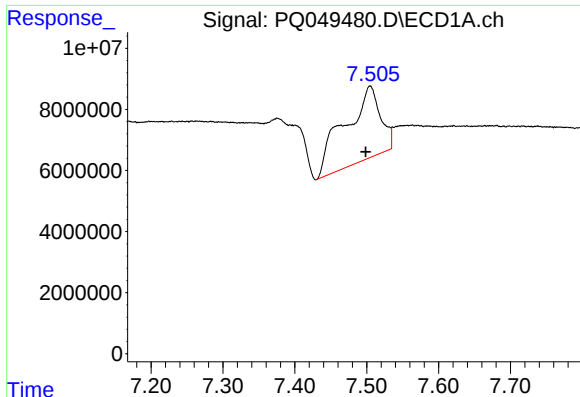
#25 AR-1248-5

R.T.: 7.563 min  
Delta R.T.: -0.009 min  
Response: 16768291  
Conc: 59.30 ng/ml



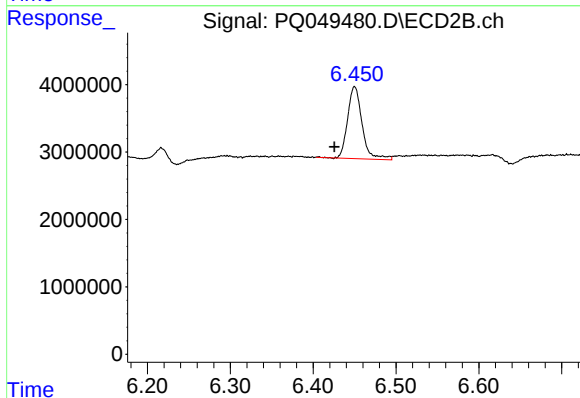
#25 AR-1248-5

R.T.: 6.450 min  
Delta R.T.: -0.019 min  
Response: 12965166  
Conc: 67.74 ng/ml



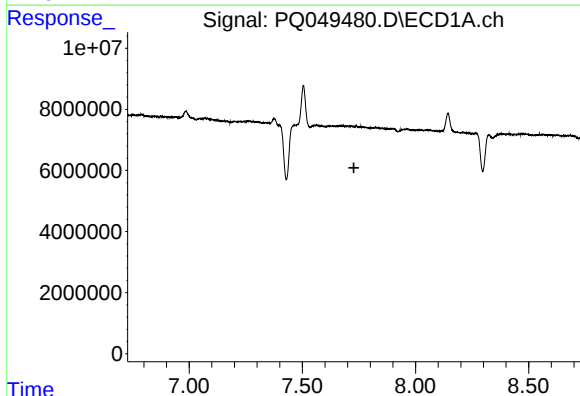
#26 AR-1254-1

R.T.: 7.505 min  
Delta R.T.: 0.006 min  
Response: 82310069  
Conc: 275.79 ng/ml



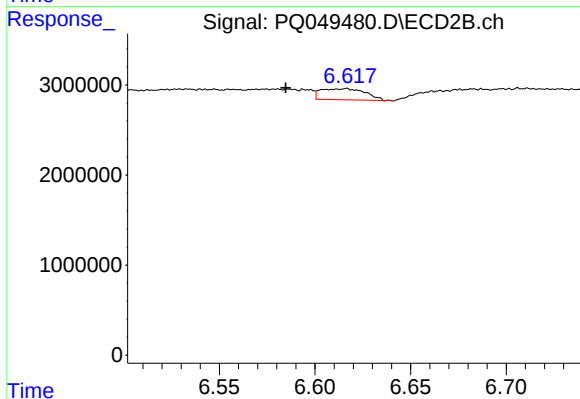
#26 AR-1254-1

R.T.: 6.450 min  
Delta R.T.: 0.024 min  
Response: 12965166  
Conc: 42.35 ng/ml



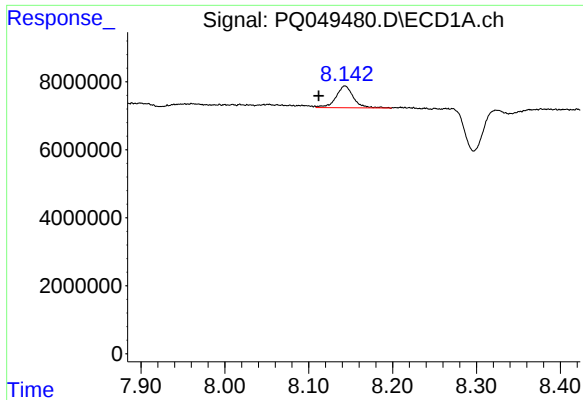
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 7.728 min  
Response: 0  
Conc: N.D.



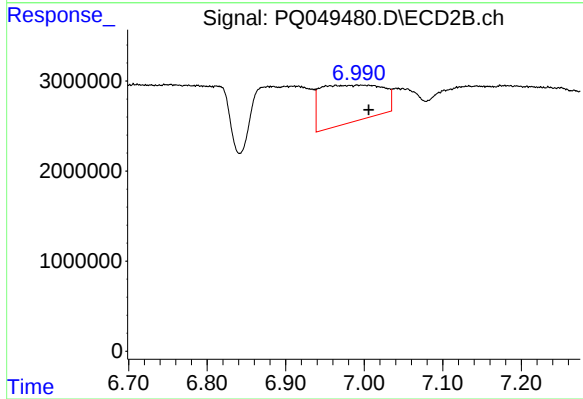
#27 AR-1254-2

R.T.: 6.616 min  
Delta R.T.: 0.032 min  
Response: 1994309  
Conc: 7.09 ng/ml



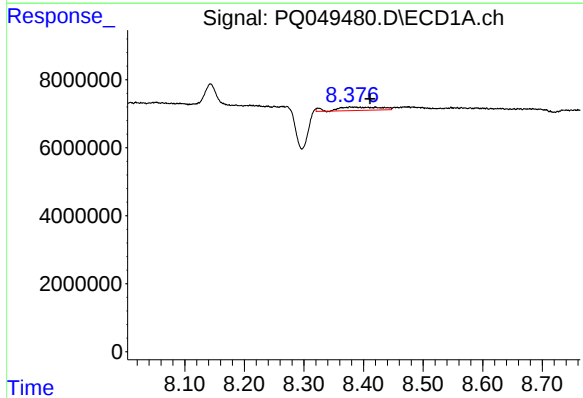
#28 AR-1254-3

R.T.: 8.143 min  
Delta R.T.: 0.031 min  
Response: 9282785  
Conc: 17.72 ng/ml



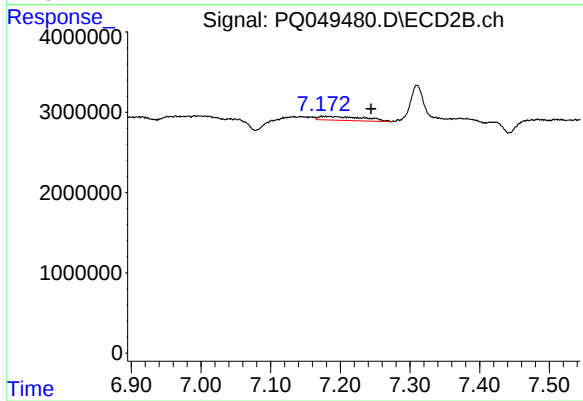
#28 AR-1254-3

R.T.: 6.991 min  
Delta R.T.: -0.015 min  
Response: 22541831  
Conc: 47.28 ng/ml



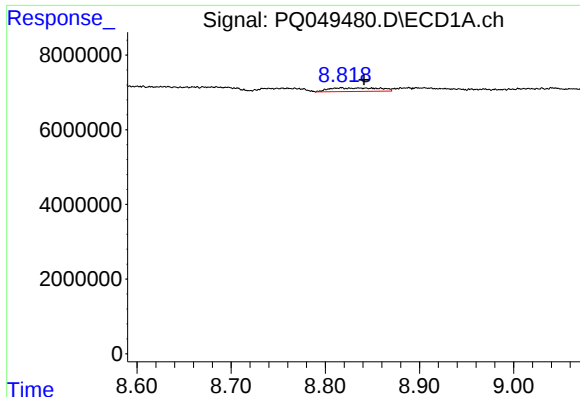
#29 AR-1254-4

R.T.: 8.378 min  
Delta R.T.: -0.033 min  
Response: 4635418  
Conc: 10.48 ng/ml



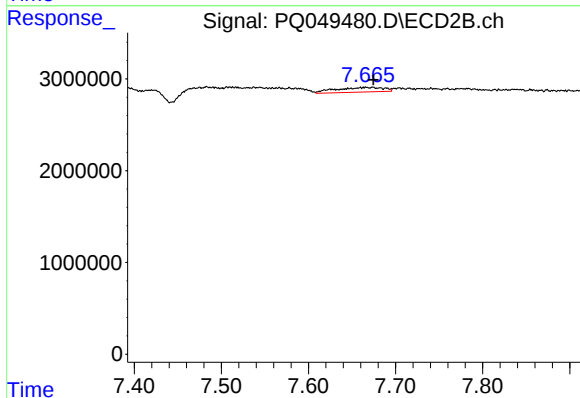
#29 AR-1254-4

R.T.: 7.178 min  
Delta R.T.: -0.066 min  
Response: 2218263  
Conc: 6.53 ng/ml



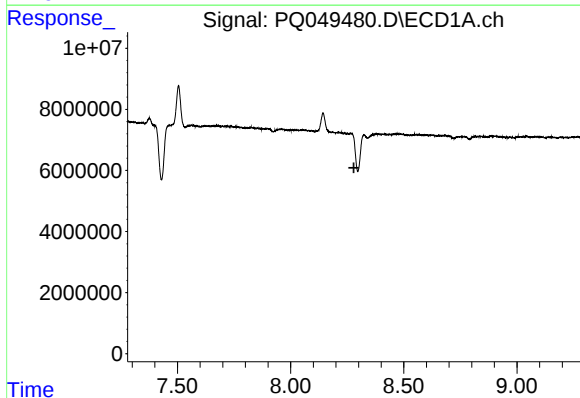
#30 AR-1254-5

R.T.: 8.817 min  
Delta R.T.: -0.024 min  
Response: 3491785  
Conc: 7.52 ng/ml



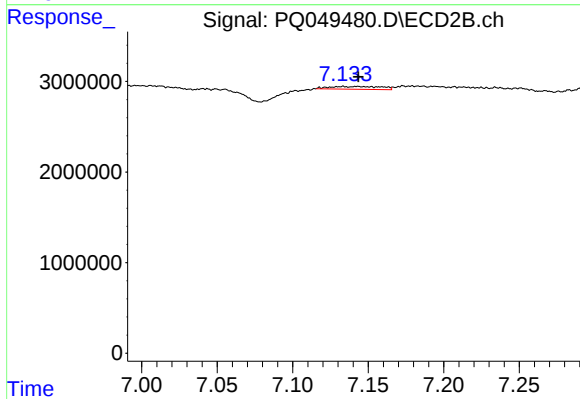
#30 AR-1254-5

R.T.: 7.665 min  
Delta R.T.: -0.009 min  
Response: 1934216  
Conc: 4.31 ng/ml



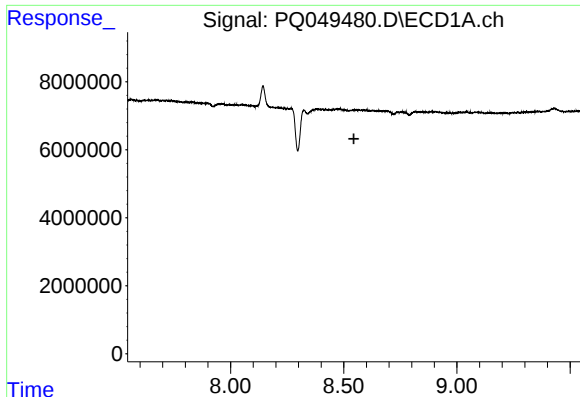
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 8.280 min  
Response: 0  
Conc: N.D.



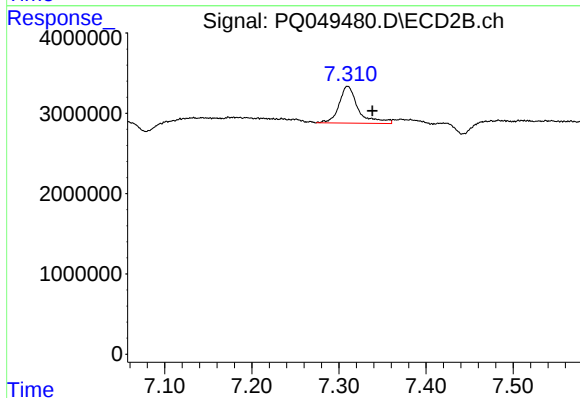
#31 AR-1260-1

R.T.: 7.133 min  
Delta R.T.: -0.010 min  
Response: 740140  
Conc: 2.56 ng/ml



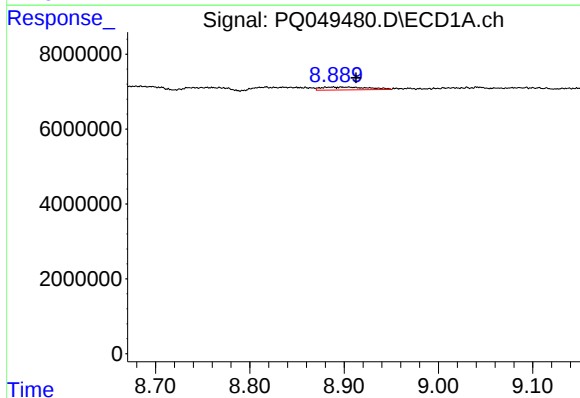
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 8.545 min  
Response: 0  
Conc: N.D.



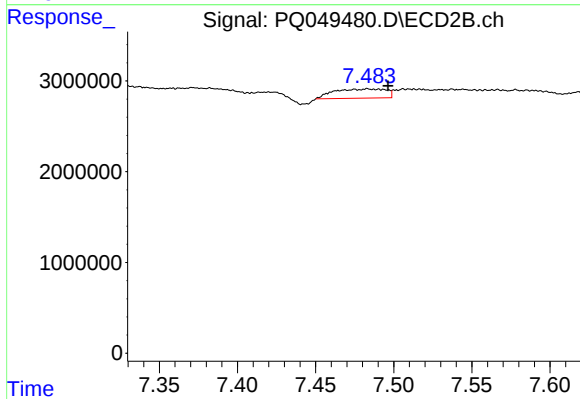
#32 AR-1260-2

R.T.: 7.310 min  
Delta R.T.: -0.028 min  
Response: 7042033  
Conc: 18.25 ng/ml



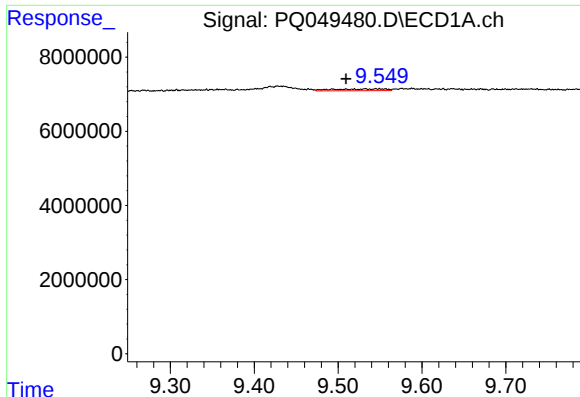
#33 AR-1260-3

R.T.: 8.901 min  
Delta R.T.: -0.011 min  
Response: 2670350  
Conc: 6.84 ng/ml



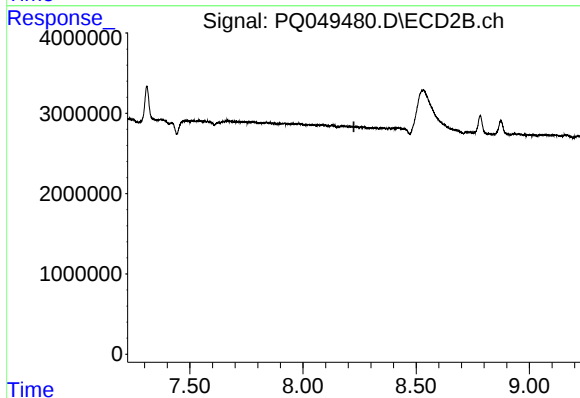
#33 AR-1260-3

R.T.: 7.484 min  
Delta R.T.: -0.012 min  
Response: 2354345  
Conc: 7.25 ng/ml



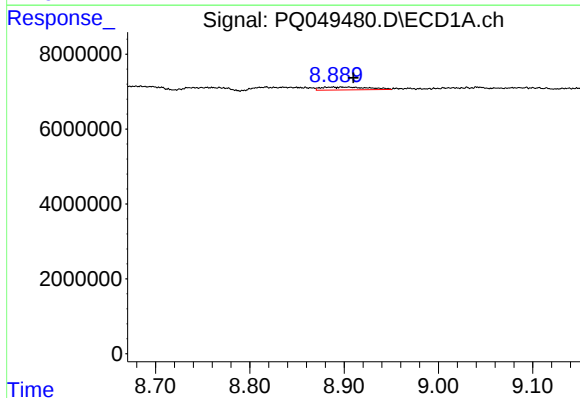
#35 AR-1260-5

R.T.: 9.532 min  
Delta R.T.: 0.022 min  
Response: 2025078  
Conc: 2.06 ng/ml



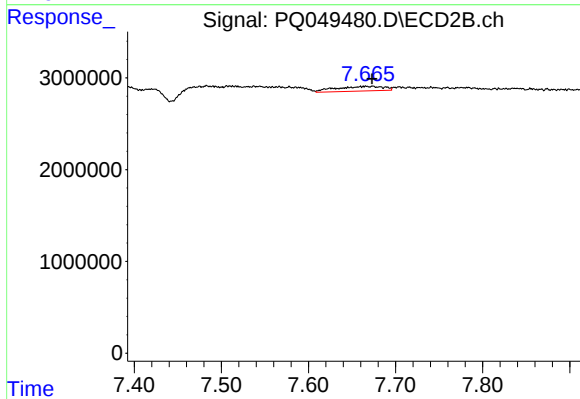
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.225 min  
Response: 0  
Conc: N.D.



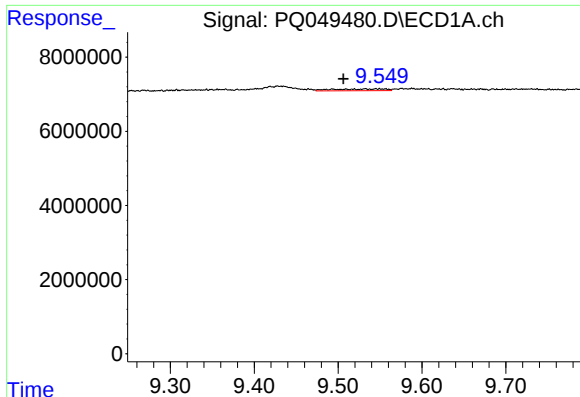
#36 AR-1262-1

R.T.: 8.901 min  
Delta R.T.: -0.009 min  
Response: 2670350  
Conc: 4.43 ng/ml



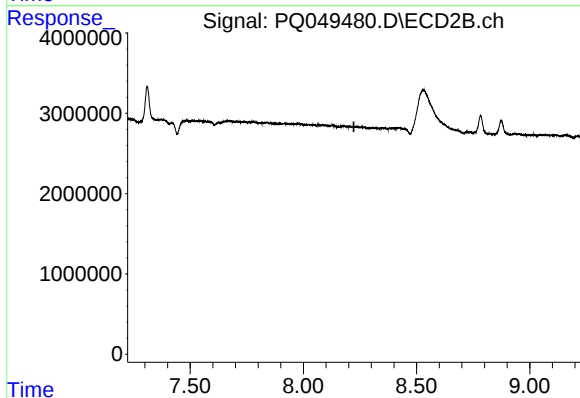
#36 AR-1262-1

R.T.: 7.665 min  
Delta R.T.: -0.008 min  
Response: 1934216  
Conc: 8.11 ng/ml



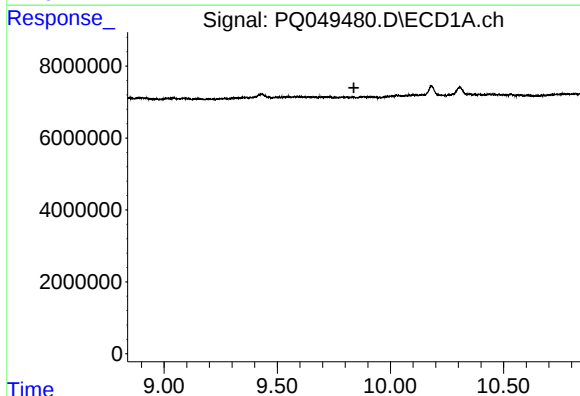
#37 AR-1262-2

R.T.: 9.532 min  
Delta R.T.: 0.026 min  
Response: 2025078  
Conc: 1.71 ng/ml



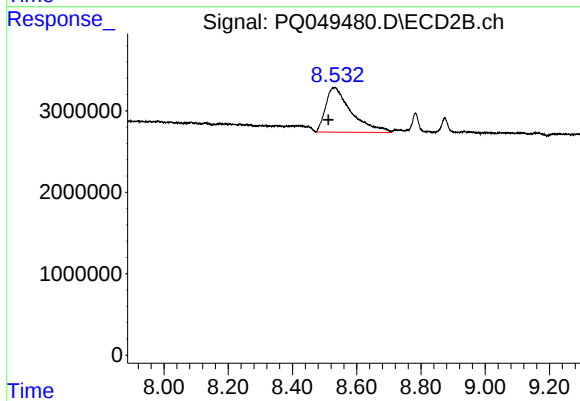
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.223 min  
Response: 0  
Conc: N.D.



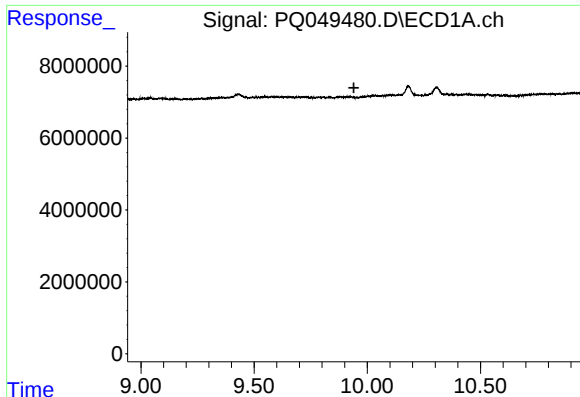
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 9.839 min  
Response: 0  
Conc: N.D.



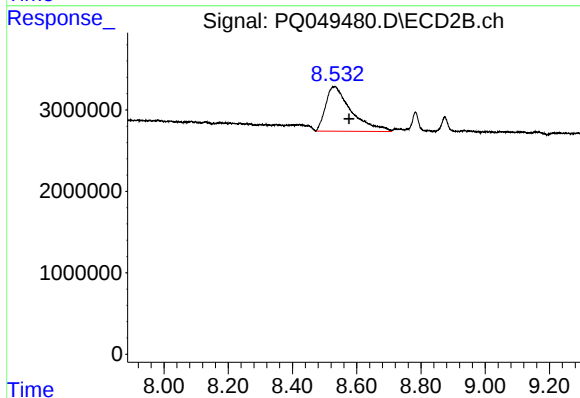
#38 AR-1262-3

R.T.: 8.532 min  
Delta R.T.: 0.020 min  
Response: 30283973  
Conc: 77.92 ng/ml



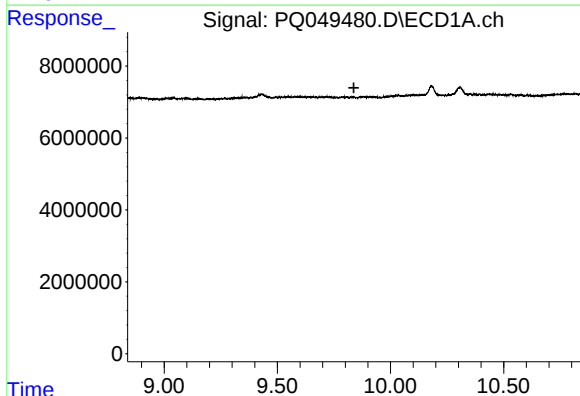
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 9.941 min  
Response: 0  
Conc: N.D.



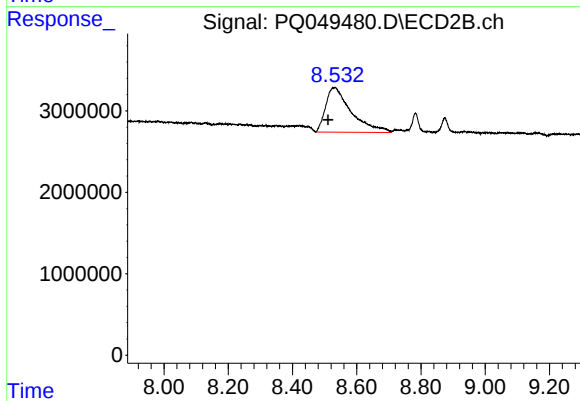
#39 AR-1262-4

R.T.: 8.532 min  
Delta R.T.: -0.044 min  
Response: 30283973  
Conc: 44.22 ng/ml



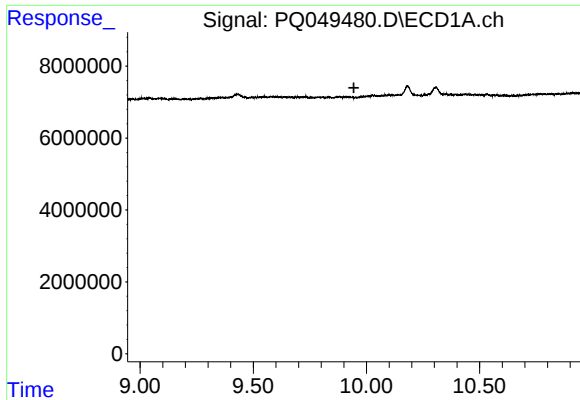
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 9.838 min  
Response: 0  
Conc: N.D.



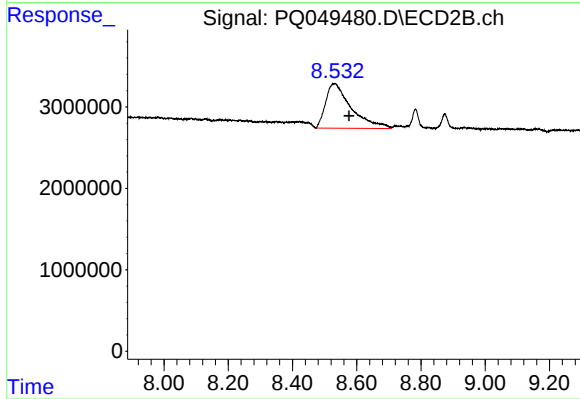
#41 AR-1268-1

R.T.: 8.532 min  
Delta R.T.: 0.020 min  
Response: 30283973  
Conc: 25.50 ng/ml



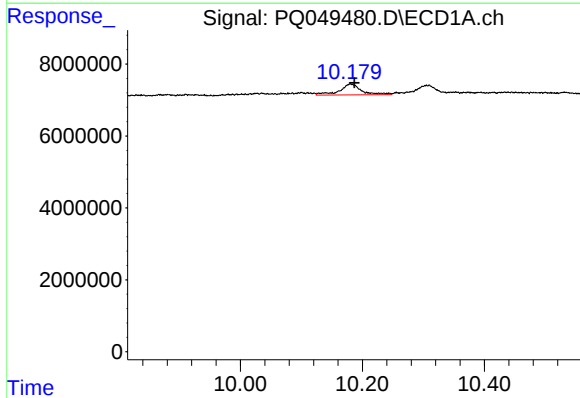
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.944 min  
Response: 0  
Conc: N.D.



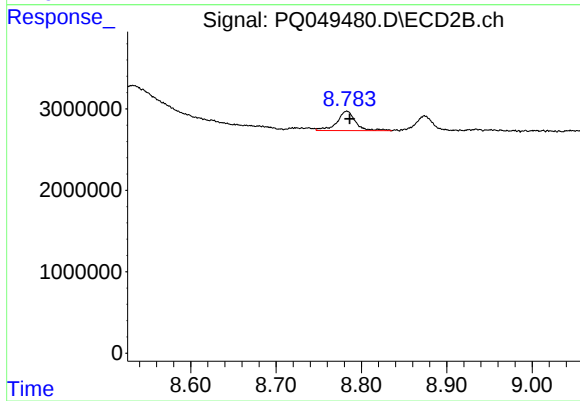
#42 AR-1268-2

R.T.: 8.532 min  
Delta R.T.: -0.045 min  
Response: 30283973  
Conc: 28.35 ng/ml



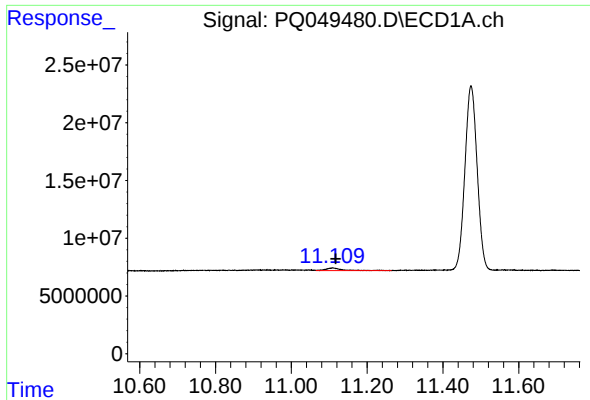
#43 AR-1268-3

R.T.: 10.181 min  
Delta R.T.: -0.006 min  
Response: 7744412  
Conc: 5.84 ng/ml



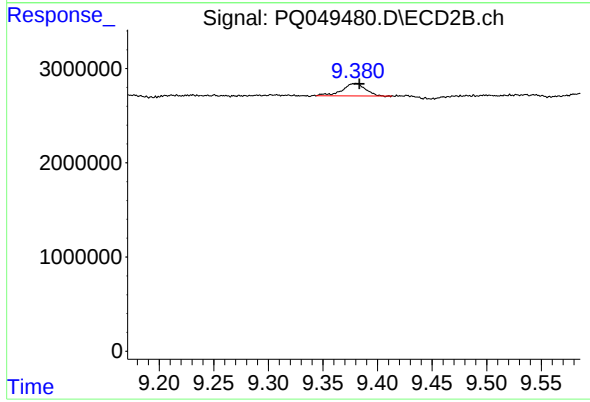
#43 AR-1268-3

R.T.: 8.783 min  
Delta R.T.: -0.003 min  
Response: 3651868  
Conc: 4.05 ng/ml



#45 AR-1268-5

R.T.: 11.109 min  
Delta R.T.: -0.008 min  
Response: 6726160  
Conc: 1.63 ng/ml



#45 AR-1268-5

R.T.: 9.380 min  
Delta R.T.: -0.004 min  
Response: 1946134  
Conc: 0.72 ng/ml