

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ040220\  
 Data File : PQ047257.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Apr 2020 20:13  
 Operator : AJ\MA  
 Sample : L2129-41  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 03 05:59:07 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ033020.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Mar 30 14:41:30 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 5.105  | 4.262 | 422.4E6  | 60482110 | 23.362  | 25.135   |
| 2)                          | SA Decachlor... | 11.180 | 9.648 | 194.2E6  | 56549078 | 22.912  | 24.170   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 5)                          | L1 AR-1016-3    | 6.571  | 0.000 | 84821754 | 0        | 149.794 | N.D. #   |
| 6)                          | L1 AR-1016-4    | 6.625  | 0.000 | 13549776 | 0        | 28.542  | N.D. #   |
| 7)                          | L1 AR-1016-5    | 6.909  | 0.000 | 10932120 | 0        | 24.916  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.457  | 4.623 | 4994821  | 426496   | 29.167  | 19.152 # |
| 12)                         | L3 AR-1232-2    | 6.082  | 0.000 | 4058217  | 0        | 20.585  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 6.625  | 0.000 | 13549776 | 0        | 69.674  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 6.719  | 0.000 | 9161670  | 0        | 64.289  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 6.571  | 0.000 | 84821754 | 0        | 197.024 | N.D. #   |
| 19)                         | L4 AR-1242-4    | 6.625  | 0.000 | 13549776 | 0        | 37.314  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 7.365  | 0.000 | 4825975  | 0        | 13.230  | N.D. #   |
| 22)                         | L5 AR-1248-2    | 6.719  | 0.000 | 9161670  | 0        | 18.758  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 6.909  | 0.000 | 10932120 | 0        | 20.414  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 7.365  | 0.000 | 4825975  | 0        | 8.039   | N.D. #   |
| 25)                         | L5 AR-1248-5    | 7.365  | 0.000 | 4825975  | 0        | 8.510   | N.D. #   |
| 26)                         | L6 AR-1254-1    | 7.328  | 0.000 | 6920204  | 0        | 10.344  | N.D. #   |
| 27)                         | L6 AR-1254-2    | 7.559  | 6.573 | 27605973 | 637744   | 27.237  | 5.153 #  |
| 28)                         | L6 AR-1254-3    | 7.895  | 6.997 | 17479647 | 2177106  | 17.777  | 10.758 # |
| 29)                         | L6 AR-1254-4    | 8.235  | 7.237 | 17645821 | 2335142  | 23.128  | 18.173   |
| 30)                         | L6 AR-1254-5    | 8.665  | 7.669 | 18424357 | 2859925  | 27.281  | 16.627 # |
| 31)                         | L7 AR-1260-1    | 8.108  | 7.136 | 25317589 | 1180052  | 39.935  | 9.272 #  |
| 32)                         | L7 AR-1260-2    | 8.372  | 7.330 | 8954568  | 1878926  | 11.033  | 11.947   |
| 33)                         | L7 AR-1260-3    | 8.736  | 7.489 | 23790416 | 1231692  | 37.741  | 8.498 #  |
| 34)                         | L7 AR-1260-4    | 8.967  | 7.972 | 20063671 | 1012278  | 34.541  | 8.363 #  |
| 35)                         | L7 AR-1260-5    | 9.308  | 8.219 | 37166093 | 5178642  | 29.936  | 17.372 # |
| 36)                         | L8 AR-1262-1    | 8.736  | 7.669 | 23790416 | 2859925  | 26.558  | 32.889   |
| 37)                         | L8 AR-1262-2    | 9.308  | 8.219 | 37166093 | 5178642  | 27.401  | 15.778 # |
| 38)                         | L8 AR-1262-3    | 9.644  | 8.509 | 6879731  | 756900   | 7.960   | 5.719 #  |
| 39)                         | L8 AR-1262-4    | 9.753  | 8.576 | 24179158 | 745763   | 37.631  | 3.160 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 9.135 | 0        | 4077513  | N.D.    | 36.839 # |
| 41)                         | L9 AR-1268-1    | 9.644  | 8.509 | 6879731  | 756900   | 4.407   | 2.117 #  |
| 42)                         | L9 AR-1268-2    | 9.753  | 8.576 | 24179158 | 745763   | 18.071  | 2.282 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 9.135 | 0        | 4077513  | N.D.    | 34.675 # |
| 45)                         | L9 AR-1268-5    | 10.836 | 9.383 | 7866639  | 1028483  | 2.518   | 1.158 #  |
| -----                       |                 |        |       |          |          |         |          |

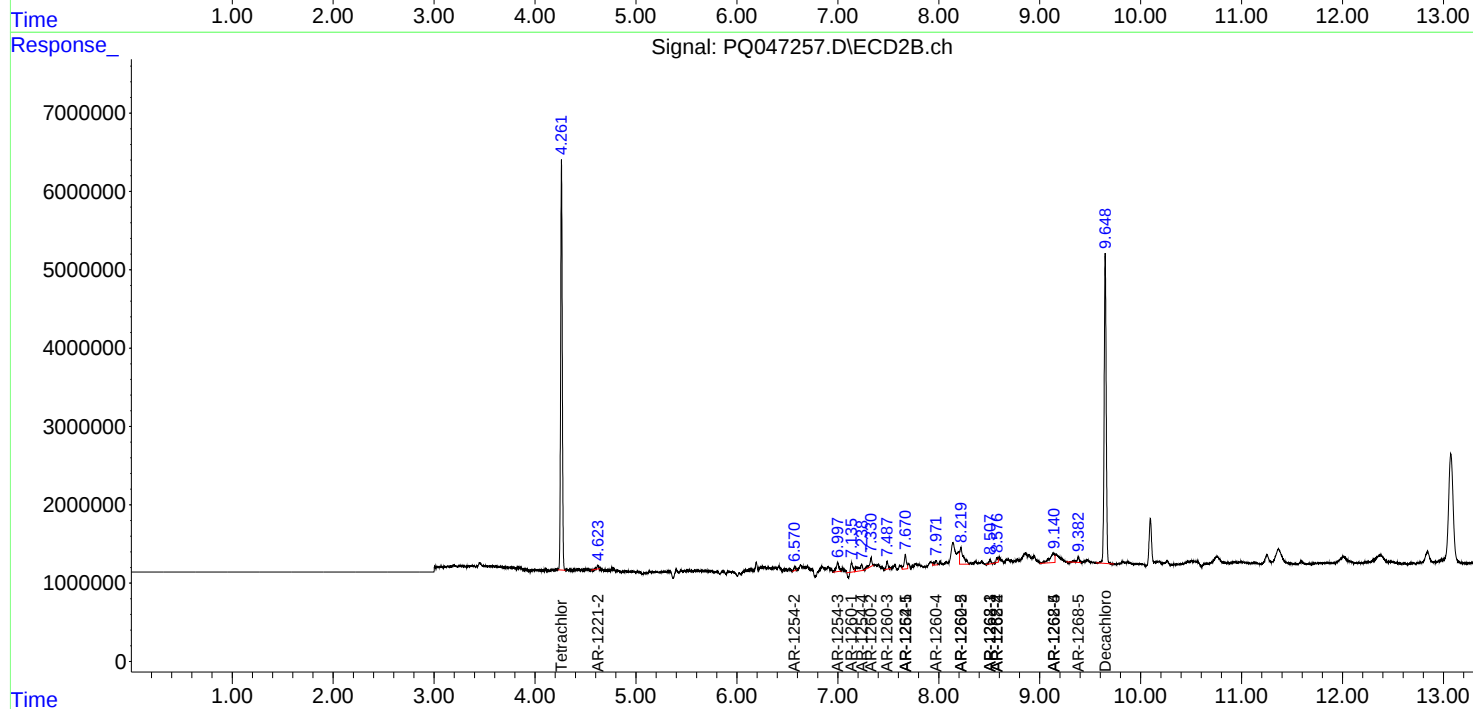
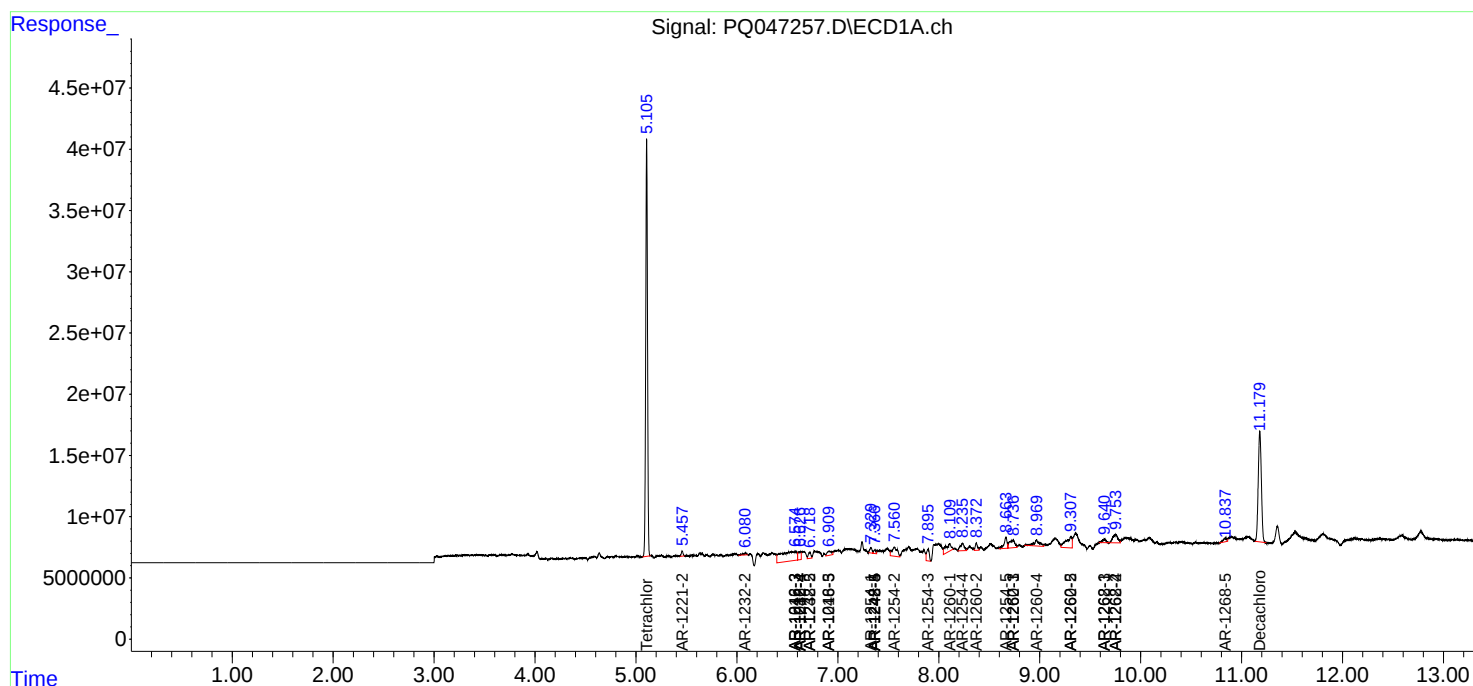
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

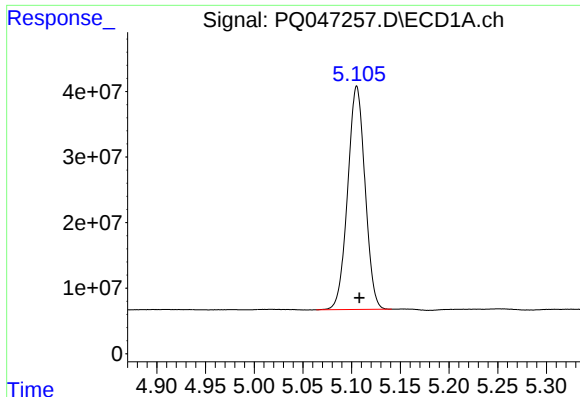
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ040220\  
Data File : PQ047257.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Apr 2020 20:13  
Operator : AJ\MA  
Sample : L2129-41  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 03 05:59:07 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ033020.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Mar 30 14:41:30 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

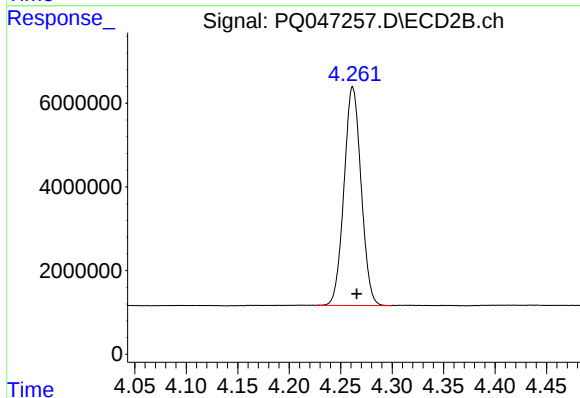




#1 Tetrachloro-m-xylene

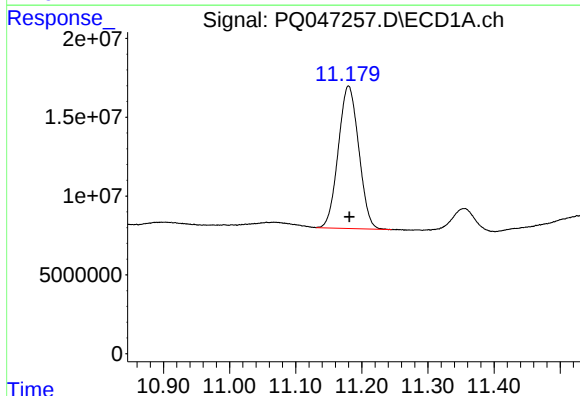
R.T.: 5.105 min  
Delta R.T.: -0.003 min  
Response: 422388564  
Conc: 23.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



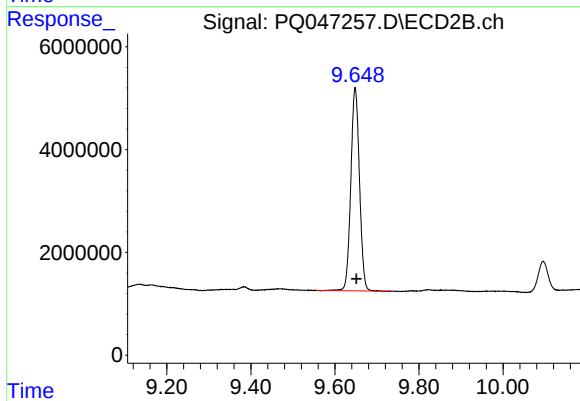
#1 Tetrachloro-m-xylene

R.T.: 4.262 min  
Delta R.T.: -0.004 min  
Response: 60482110  
Conc: 25.13 ng/ml



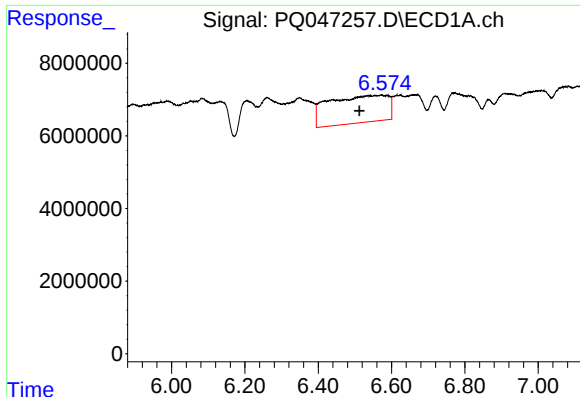
#2 Decachlorobiphenyl

R.T.: 11.180 min  
Delta R.T.: 0.000 min  
Response: 194217123  
Conc: 22.91 ng/ml



#2 Decachlorobiphenyl

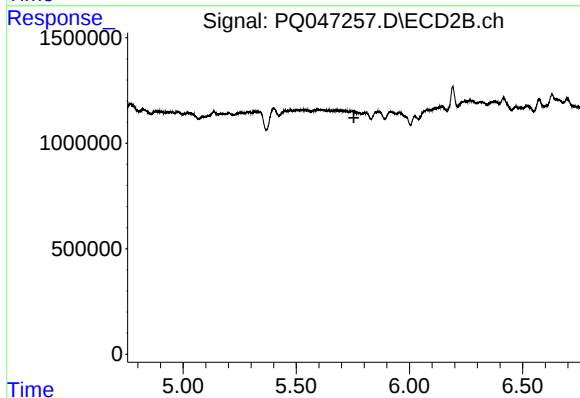
R.T.: 9.648 min  
Delta R.T.: -0.003 min  
Response: 56549078  
Conc: 24.17 ng/ml



#5 AR-1016-3

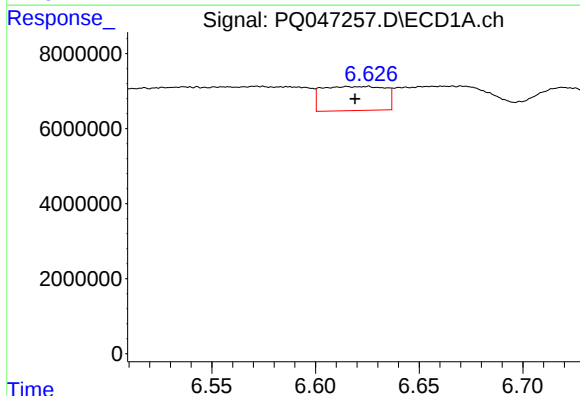
R.T.: 6.571 min  
Delta R.T.: 0.059 min  
Response: 84821754  
Conc: 149.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



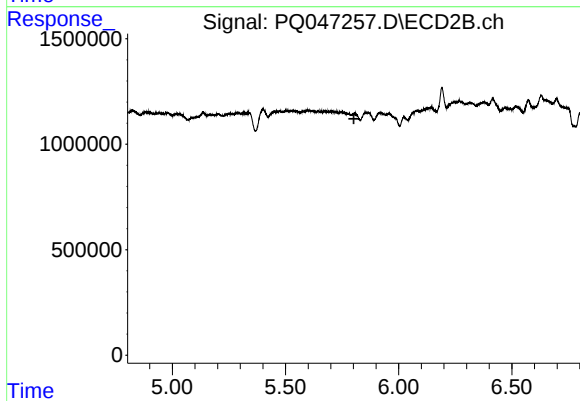
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.755 min  
Response: 0  
Conc: N.D.



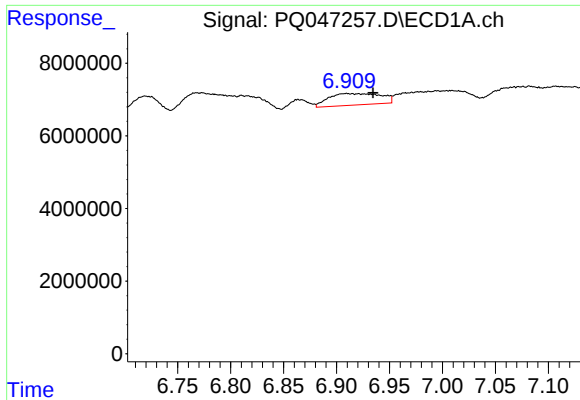
#6 AR-1016-4

R.T.: 6.625 min  
Delta R.T.: 0.006 min  
Response: 13549776  
Conc: 28.54 ng/ml



#6 AR-1016-4

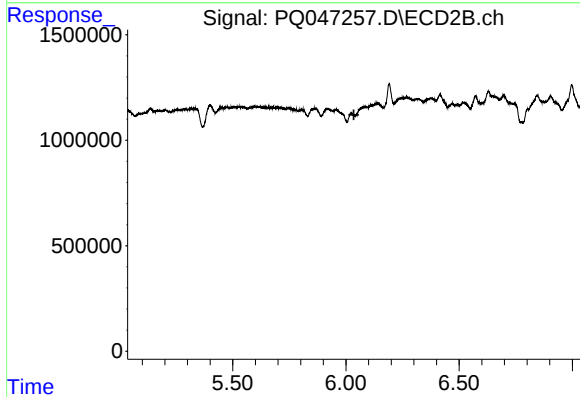
R.T.: 0.000 min  
Exp R.T. : 5.802 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

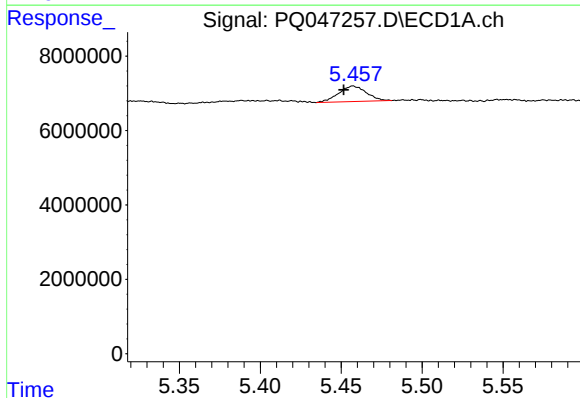
R.T.: 6.909 min  
Delta R.T.: -0.025 min  
Response: 10932120  
Conc: 24.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



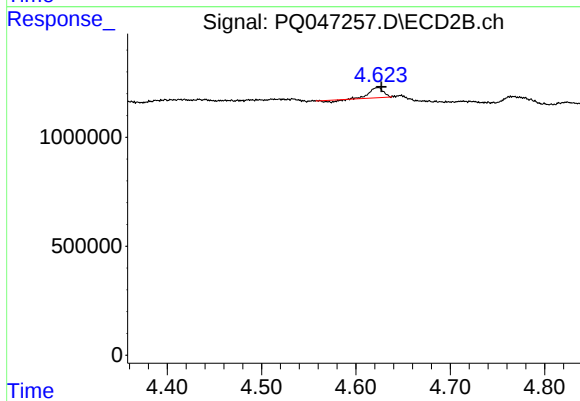
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 6.035 min  
Response: 0  
Conc: N.D.



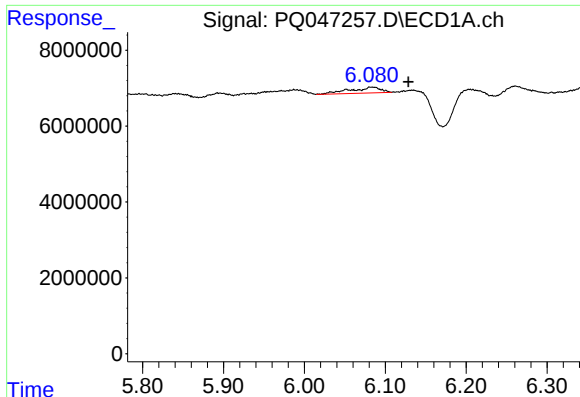
#9 AR-1221-2

R.T.: 5.457 min  
Delta R.T.: 0.006 min  
Response: 4994821  
Conc: 29.17 ng/ml



#9 AR-1221-2

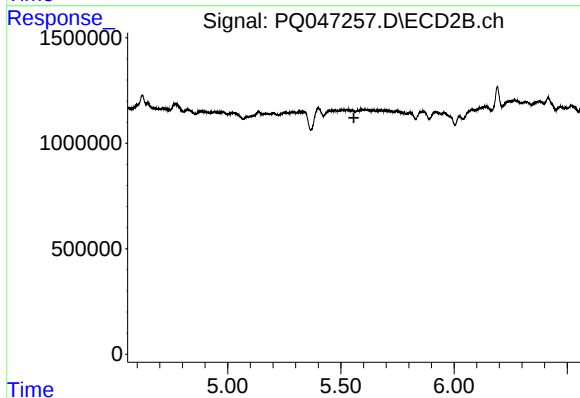
R.T.: 4.623 min  
Delta R.T.: -0.004 min  
Response: 426496  
Conc: 19.15 ng/ml



#12 AR-1232-2

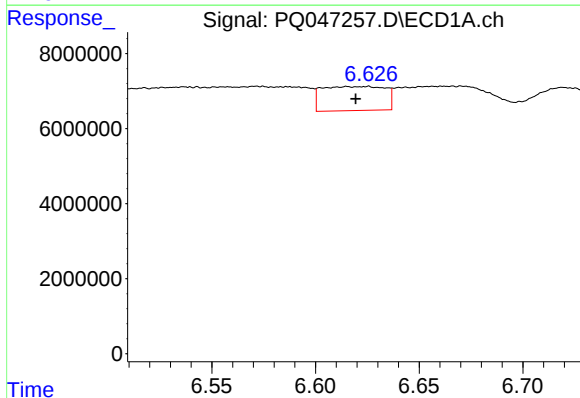
R.T.: 6.082 min  
Delta R.T.: -0.046 min  
Response: 4058217  
Conc: 20.58 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



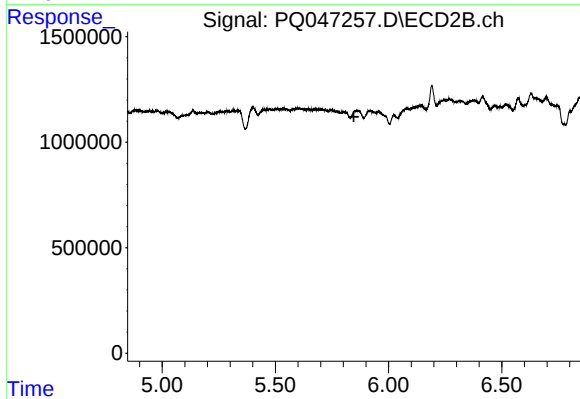
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.557 min  
Response: 0  
Conc: N.D.



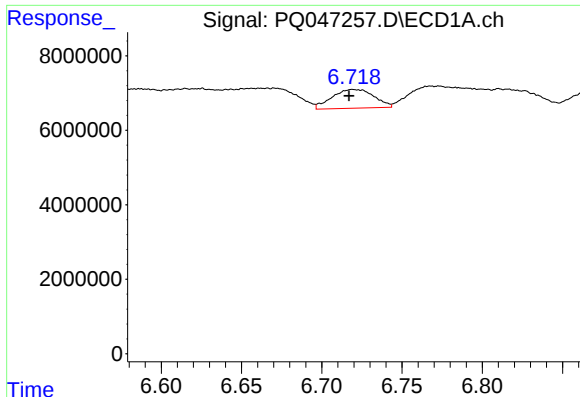
#14 AR-1232-4

R.T.: 6.625 min  
Delta R.T.: 0.006 min  
Response: 13549776  
Conc: 69.67 ng/ml



#14 AR-1232-4

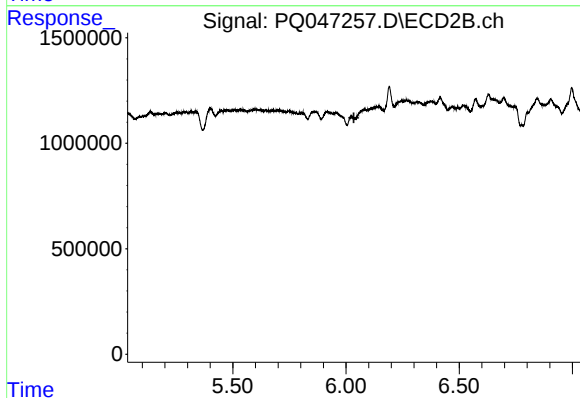
R.T.: 0.000 min  
Exp R.T. : 5.847 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

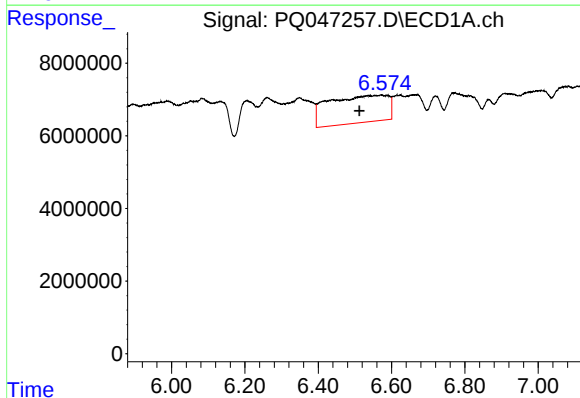
R.T.: 6.719 min  
Delta R.T.: 0.002 min  
Response: 9161670  
Conc: 64.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



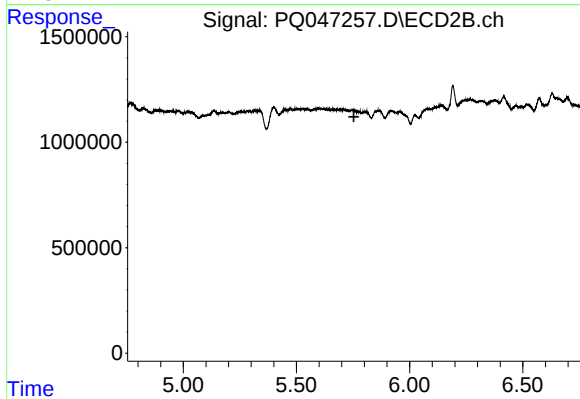
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.035 min  
Response: 0  
Conc: N.D.



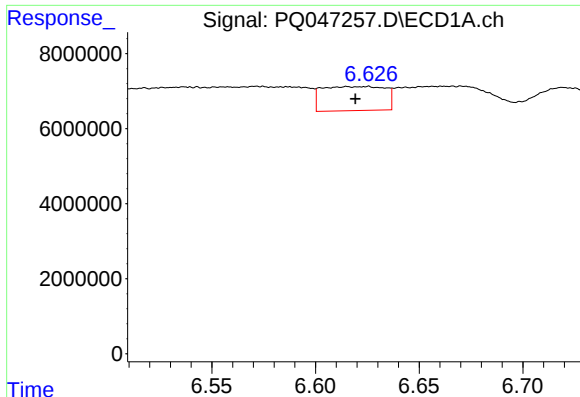
#18 AR-1242-3

R.T.: 6.571 min  
Delta R.T.: 0.059 min  
Response: 84821754  
Conc: 197.02 ng/ml



#18 AR-1242-3

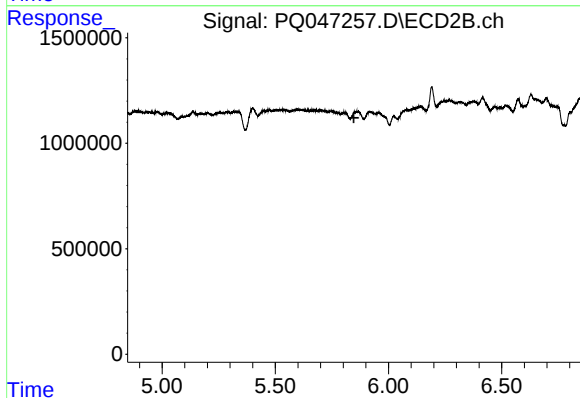
R.T.: 0.000 min  
Exp R.T. : 5.754 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

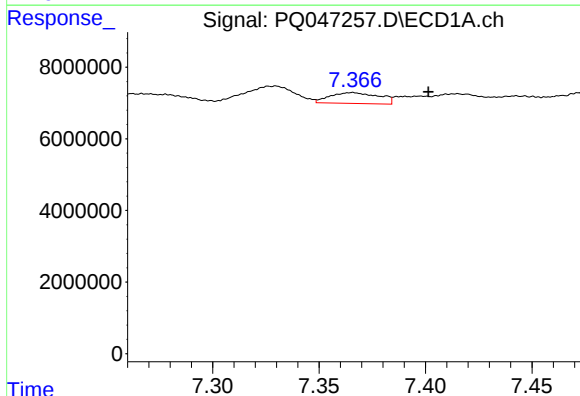
R.T.: 6.625 min  
Delta R.T.: 0.006 min  
Response: 13549776  
Conc: 37.31 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



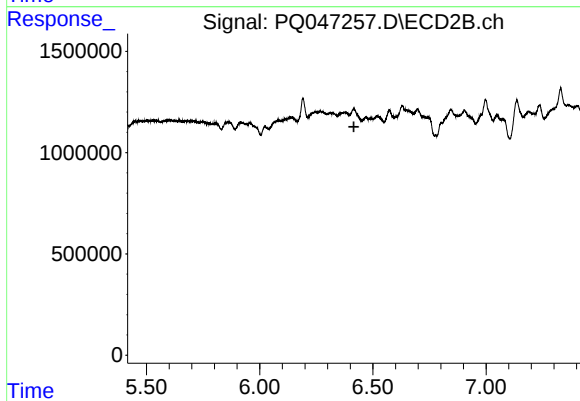
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.847 min  
Response: 0  
Conc: N.D.



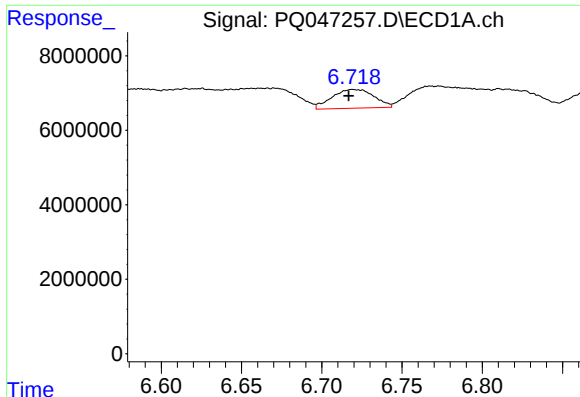
#20 AR-1242-5

R.T.: 7.365 min  
Delta R.T.: -0.036 min  
Response: 4825975  
Conc: 13.23 ng/ml



#20 AR-1242-5

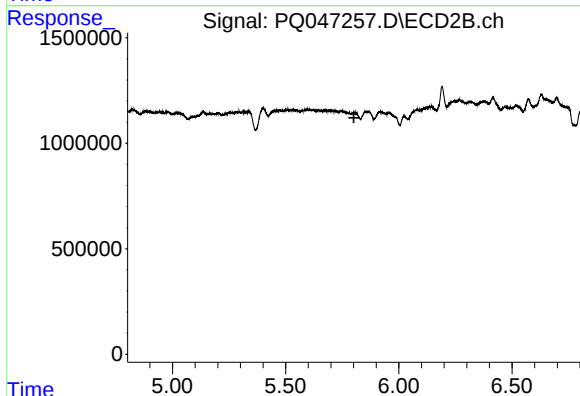
R.T.: 0.000 min  
Exp R.T. : 6.416 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

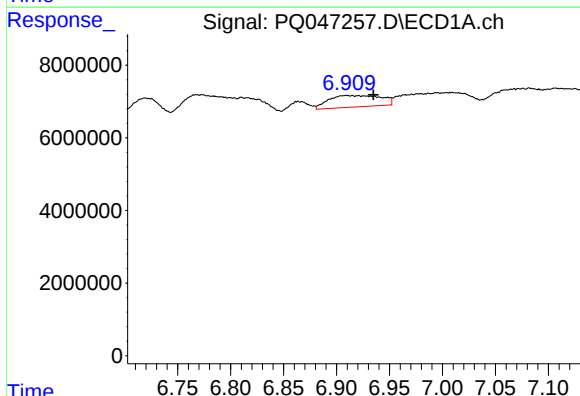
R.T.: 6.719 min  
Delta R.T.: 0.003 min  
Response: 9161670  
Conc: 18.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



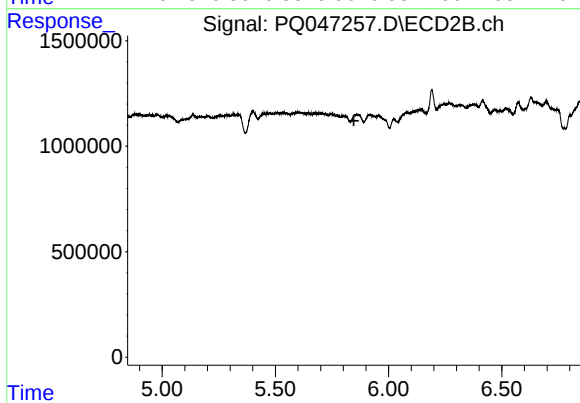
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.801 min  
Response: 0  
Conc: N.D.



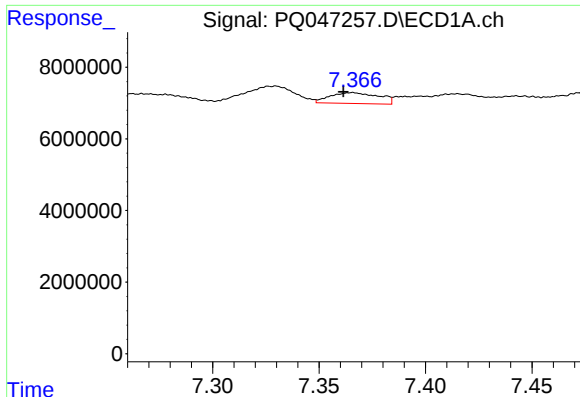
#23 AR-1248-3

R.T.: 6.909 min  
Delta R.T.: -0.025 min  
Response: 10932120  
Conc: 20.41 ng/ml



#23 AR-1248-3

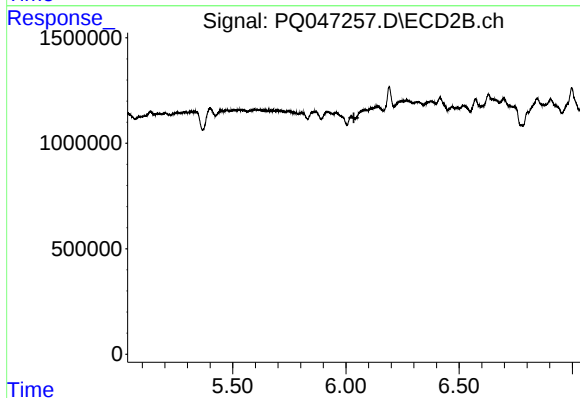
R.T.: 0.000 min  
Exp R.T. : 5.847 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

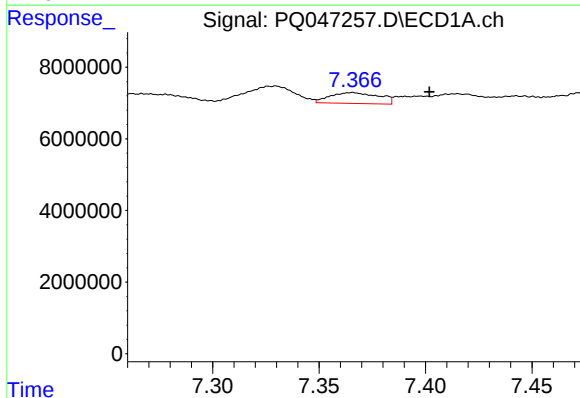
R.T.: 7.365 min  
Delta R.T.: 0.004 min  
Response: 4825975  
Conc: 8.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



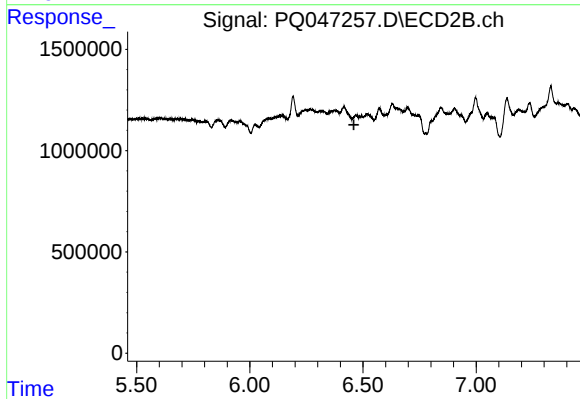
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 6.035 min  
Response: 0  
Conc: N.D.



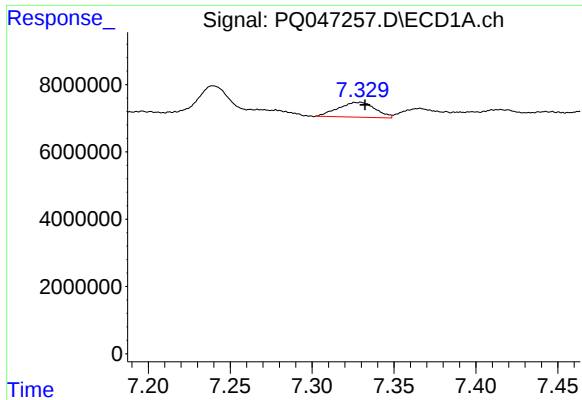
#25 AR-1248-5

R.T.: 7.365 min  
Delta R.T.: -0.036 min  
Response: 4825975  
Conc: 8.51 ng/ml



#25 AR-1248-5

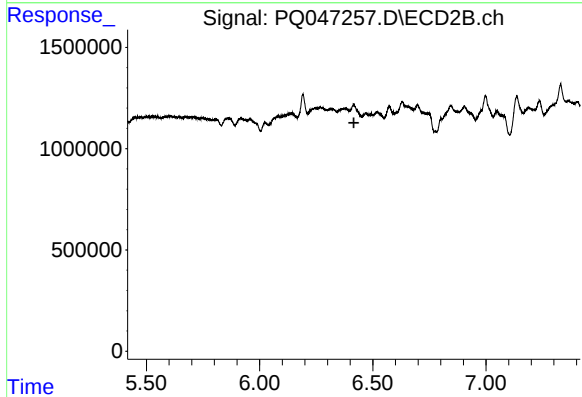
R.T.: 0.000 min  
Exp R.T. : 6.460 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

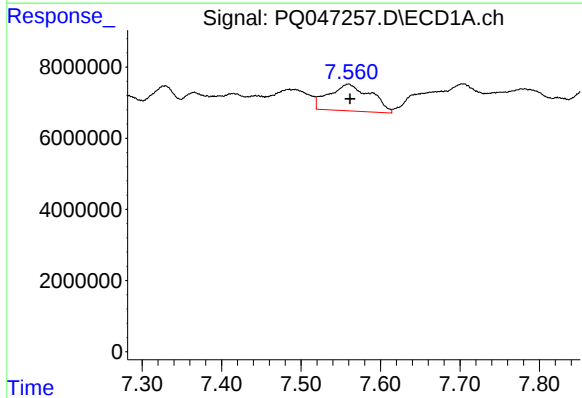
R.T.: 7.328 min  
Delta R.T.: -0.004 min  
Response: 6920204  
Conc: 10.34 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



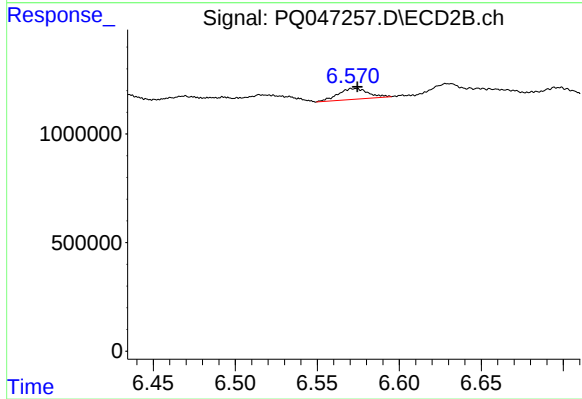
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 6.416 min  
Response: 0  
Conc: N.D.



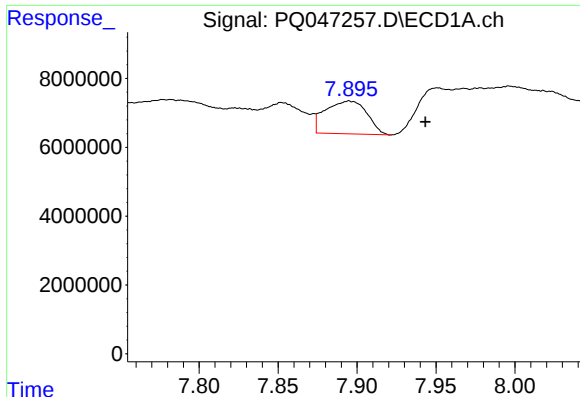
#27 AR-1254-2

R.T.: 7.559 min  
Delta R.T.: -0.003 min  
Response: 27605973  
Conc: 27.24 ng/ml



#27 AR-1254-2

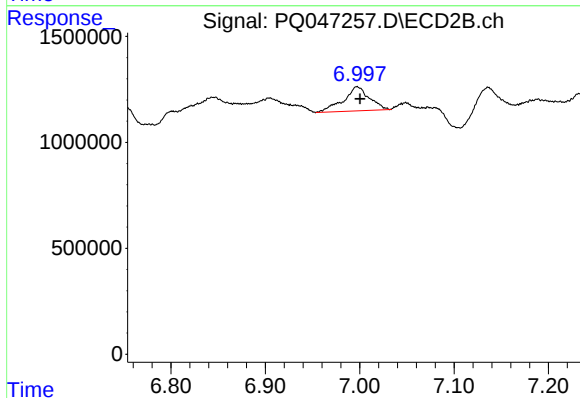
R.T.: 6.573 min  
Delta R.T.: -0.002 min  
Response: 637744  
Conc: 5.15 ng/ml



#28 AR-1254-3

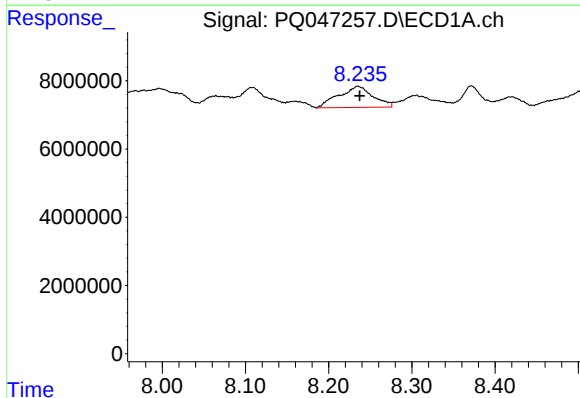
R.T.: 7.895 min  
Delta R.T.: -0.048 min  
Response: 17479647  
Conc: 17.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



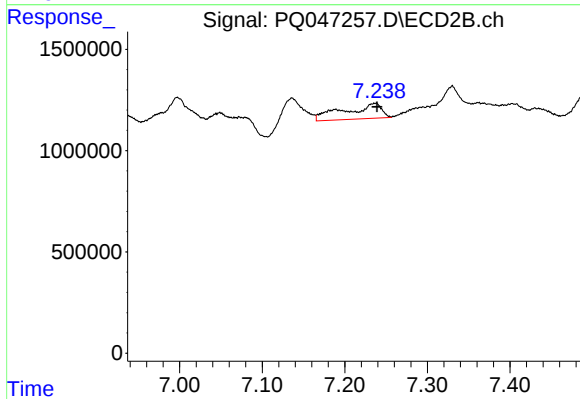
#28 AR-1254-3

R.T.: 6.997 min  
Delta R.T.: -0.003 min  
Response: 2177106  
Conc: 10.76 ng/ml



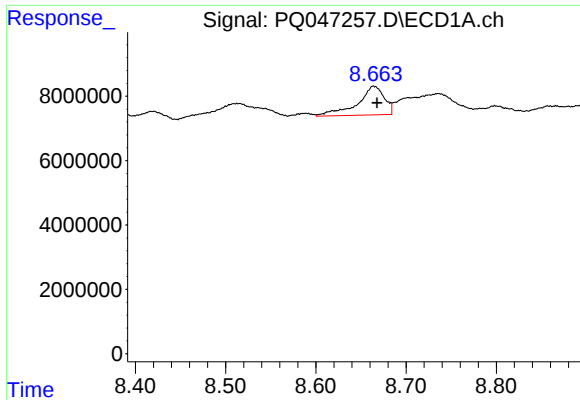
#29 AR-1254-4

R.T.: 8.235 min  
Delta R.T.: -0.002 min  
Response: 17645821  
Conc: 23.13 ng/ml



#29 AR-1254-4

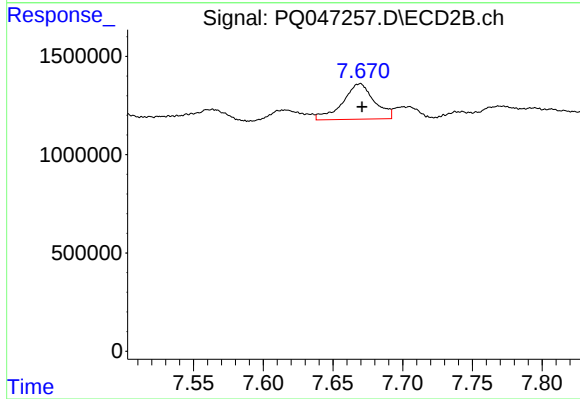
R.T.: 7.237 min  
Delta R.T.: -0.001 min  
Response: 2335142  
Conc: 18.17 ng/ml



#30 AR-1254-5

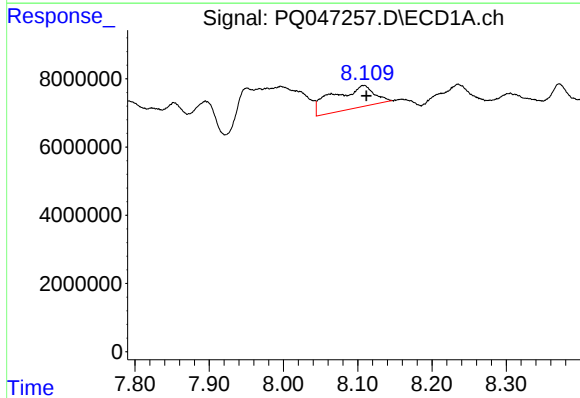
R.T.: 8.665 min  
Delta R.T.: -0.003 min  
Response: 18424357  
Conc: 27.28 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



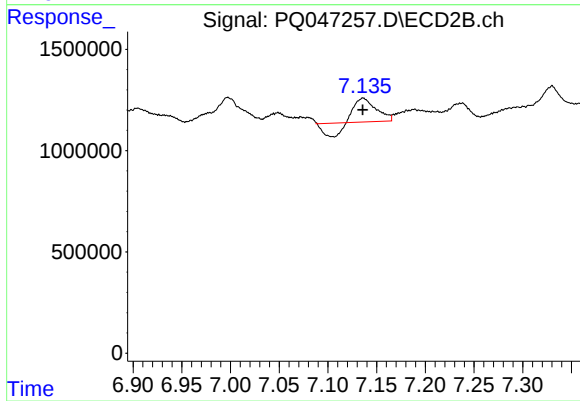
#30 AR-1254-5

R.T.: 7.669 min  
Delta R.T.: -0.002 min  
Response: 2859925  
Conc: 16.63 ng/ml



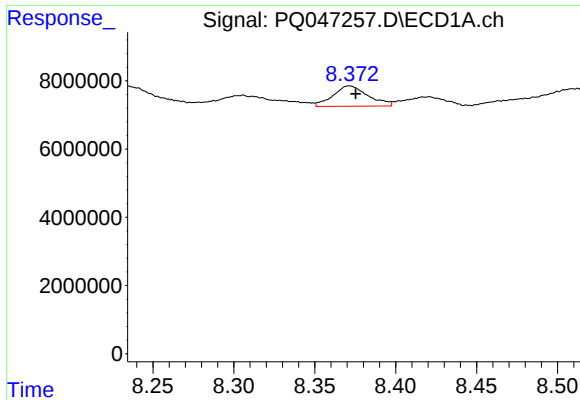
#31 AR-1260-1

R.T.: 8.108 min  
Delta R.T.: -0.003 min  
Response: 25317589  
Conc: 39.93 ng/ml



#31 AR-1260-1

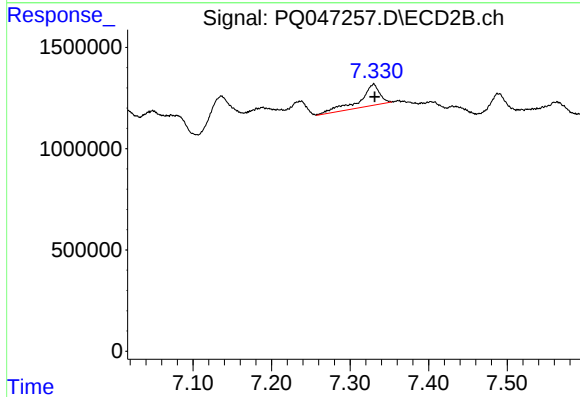
R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 1180052  
Conc: 9.27 ng/ml



#32 AR-1260-2

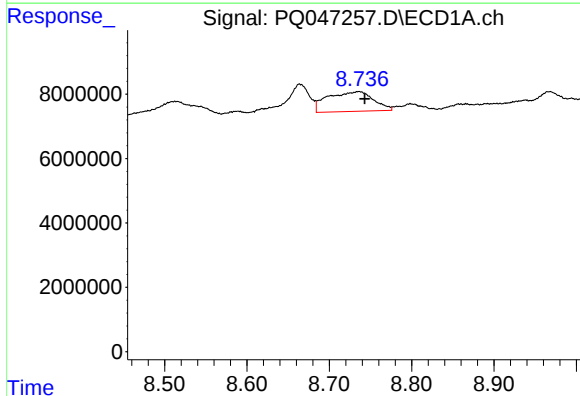
R.T.: 8.372 min  
Delta R.T.: -0.004 min  
Response: 8954568  
Conc: 11.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



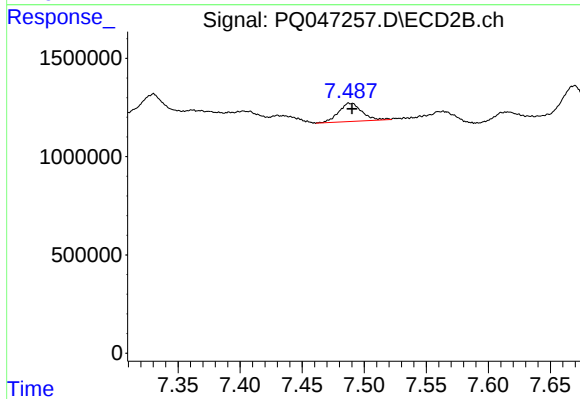
#32 AR-1260-2

R.T.: 7.330 min  
Delta R.T.: -0.001 min  
Response: 1878926  
Conc: 11.95 ng/ml



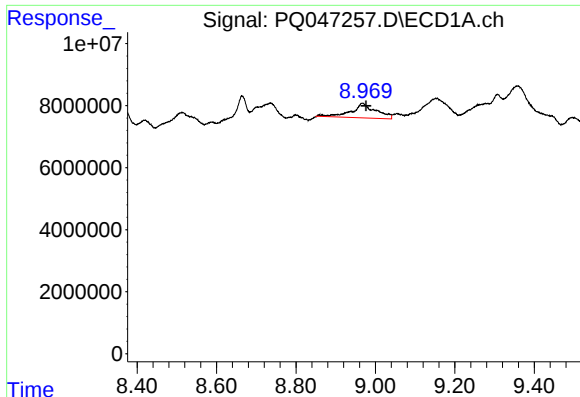
#33 AR-1260-3

R.T.: 8.736 min  
Delta R.T.: -0.007 min  
Response: 23790416  
Conc: 37.74 ng/ml



#33 AR-1260-3

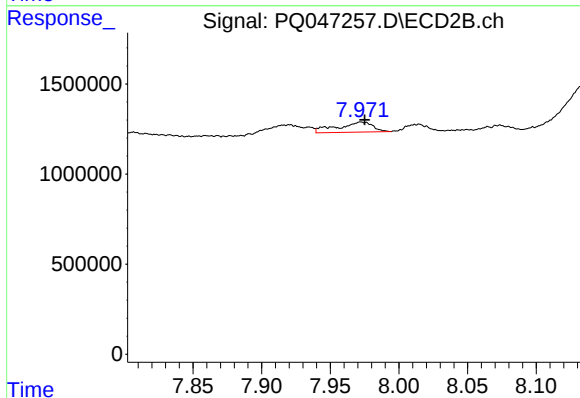
R.T.: 7.489 min  
Delta R.T.: -0.001 min  
Response: 1231692  
Conc: 8.50 ng/ml



#34 AR-1260-4

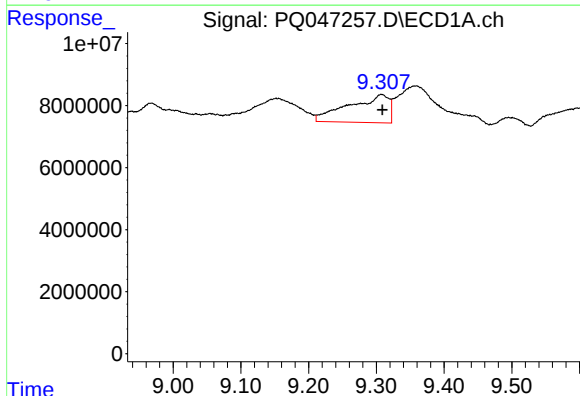
R.T.: 8.967 min  
Delta R.T.: -0.009 min  
Response: 20063671  
Conc: 34.54 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



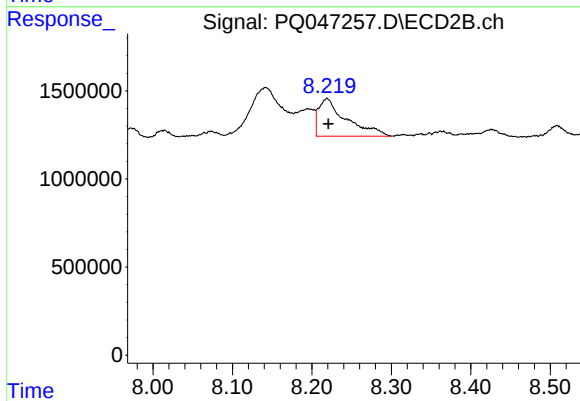
#34 AR-1260-4

R.T.: 7.972 min  
Delta R.T.: -0.003 min  
Response: 1012278  
Conc: 8.36 ng/ml



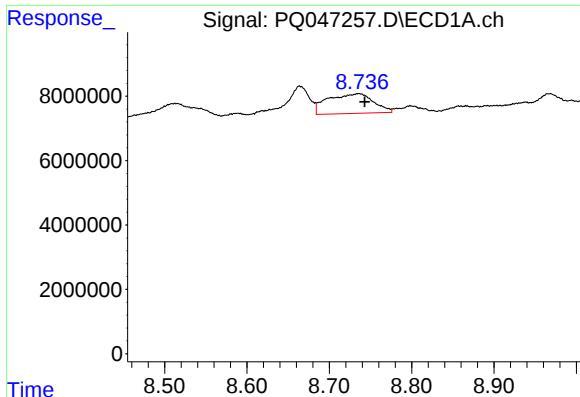
#35 AR-1260-5

R.T.: 9.308 min  
Delta R.T.: -0.002 min  
Response: 37166093  
Conc: 29.94 ng/ml



#35 AR-1260-5

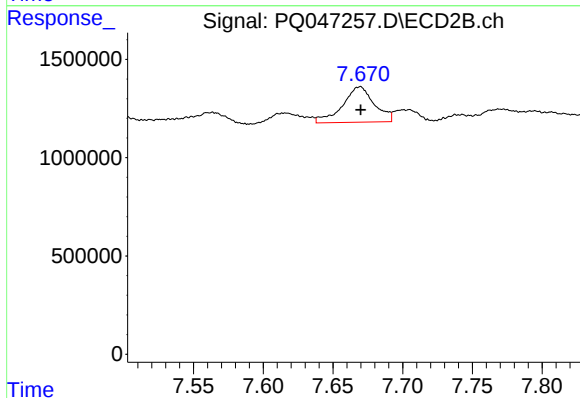
R.T.: 8.219 min  
Delta R.T.: -0.002 min  
Response: 5178642  
Conc: 17.37 ng/ml



#36 AR-1262-1

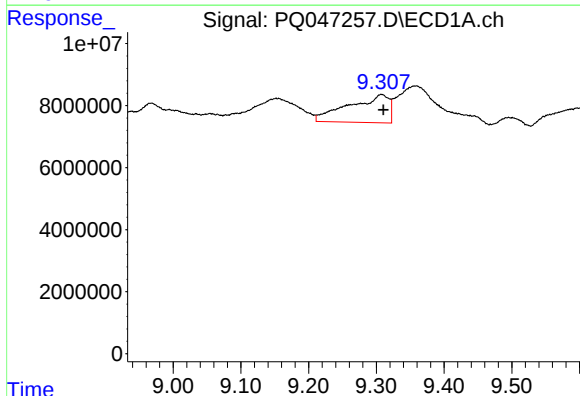
R.T.: 8.736 min  
Delta R.T.: -0.007 min  
Response: 23790416  
Conc: 26.56 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



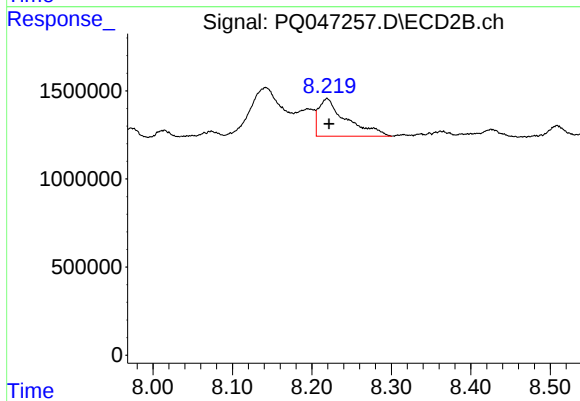
#36 AR-1262-1

R.T.: 7.669 min  
Delta R.T.: 0.000 min  
Response: 2859925  
Conc: 32.89 ng/ml



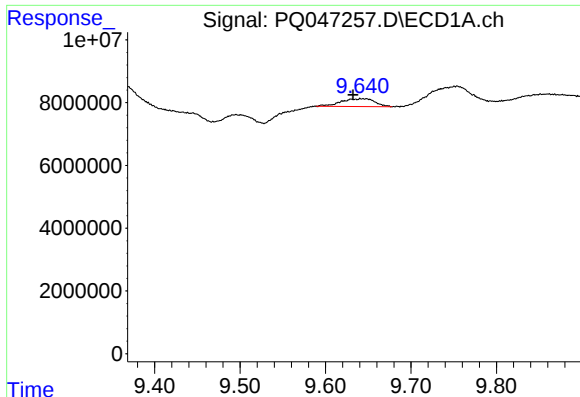
#37 AR-1262-2

R.T.: 9.308 min  
Delta R.T.: -0.003 min  
Response: 37166093  
Conc: 27.40 ng/ml



#37 AR-1262-2

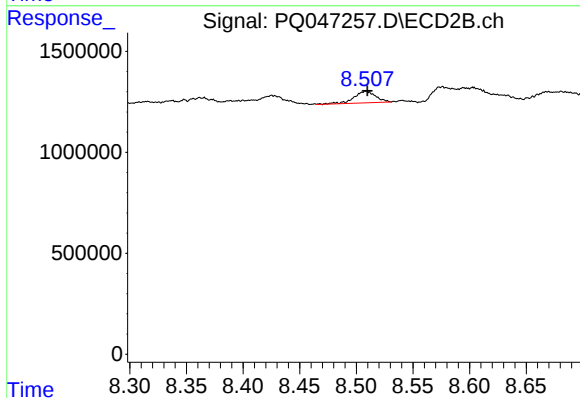
R.T.: 8.219 min  
Delta R.T.: -0.002 min  
Response: 5178642  
Conc: 15.78 ng/ml



#38 AR-1262-3

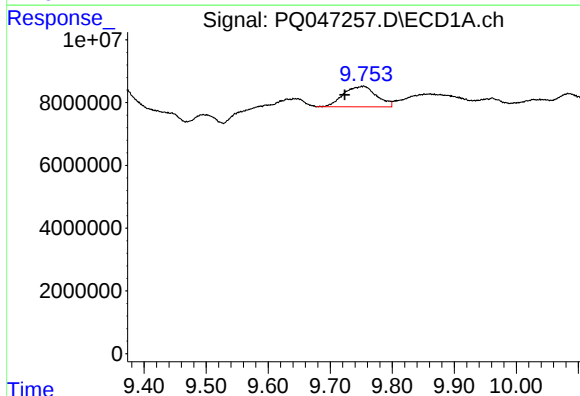
R.T.: 9.644 min  
Delta R.T.: 0.012 min  
Response: 6879731  
Conc: 7.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



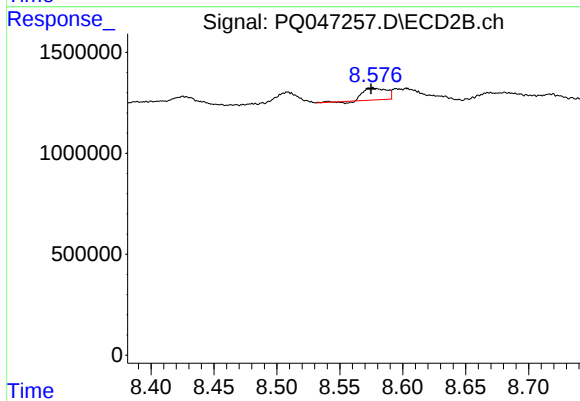
#38 AR-1262-3

R.T.: 8.509 min  
Delta R.T.: -0.001 min  
Response: 756900  
Conc: 5.72 ng/ml



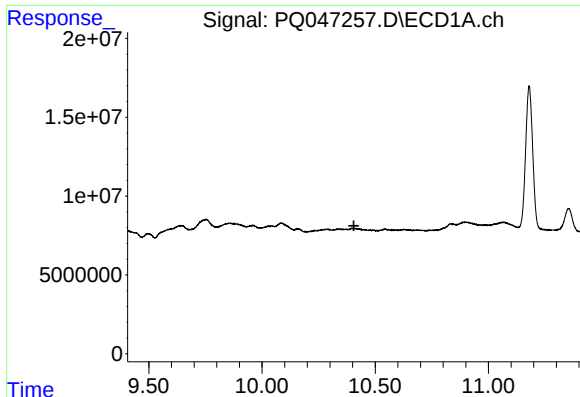
#39 AR-1262-4

R.T.: 9.753 min  
Delta R.T.: 0.030 min  
Response: 24179158  
Conc: 37.63 ng/ml



#39 AR-1262-4

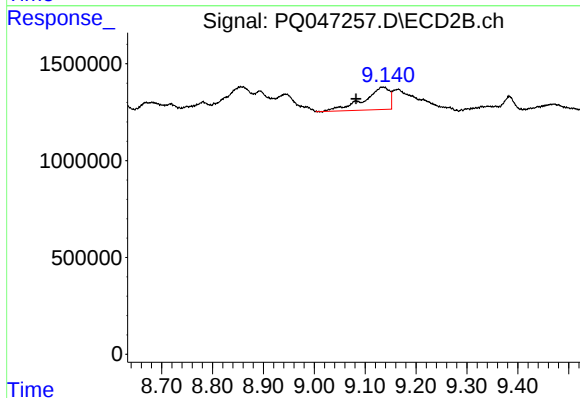
R.T.: 8.576 min  
Delta R.T.: 0.000 min  
Response: 745763  
Conc: 3.16 ng/ml



#40 AR-1262-5

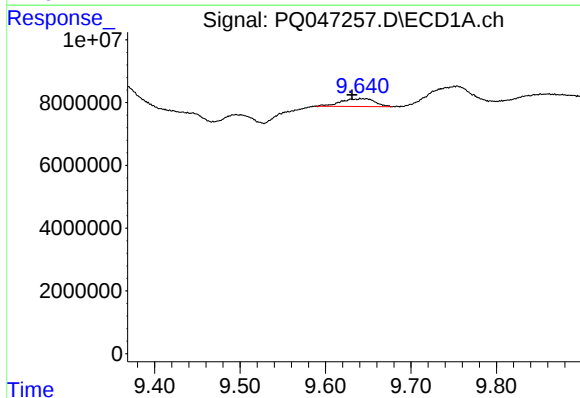
R.T.: 0.000 min  
Exp R.T.: 10.406 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



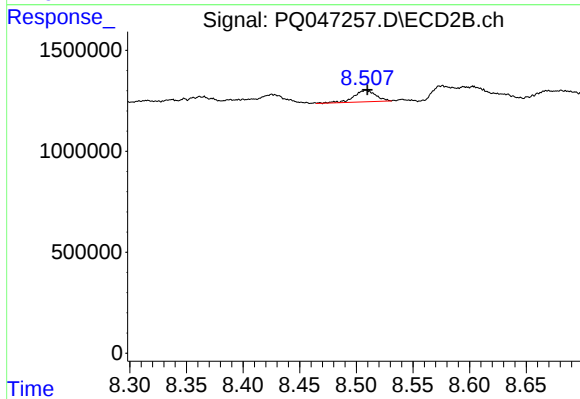
#40 AR-1262-5

R.T.: 9.135 min  
Delta R.T.: 0.053 min  
Response: 4077513  
Conc: 36.84 ng/ml



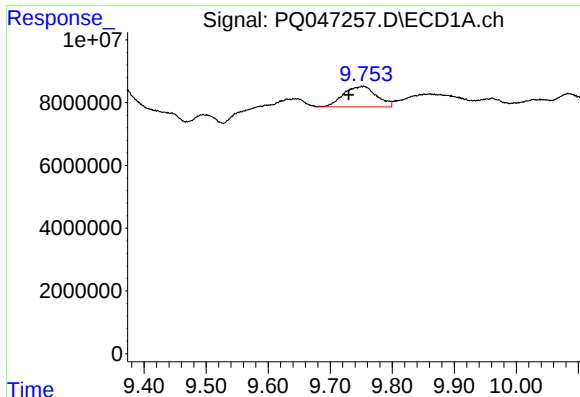
#41 AR-1268-1

R.T.: 9.644 min  
Delta R.T.: 0.013 min  
Response: 6879731  
Conc: 4.41 ng/ml



#41 AR-1268-1

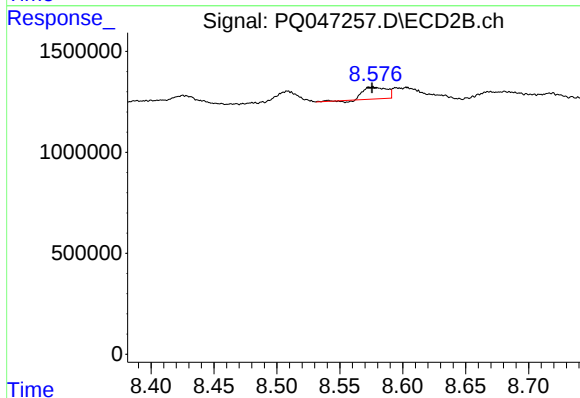
R.T.: 8.509 min  
Delta R.T.: -0.001 min  
Response: 756900  
Conc: 2.12 ng/ml



#42 AR-1268-2

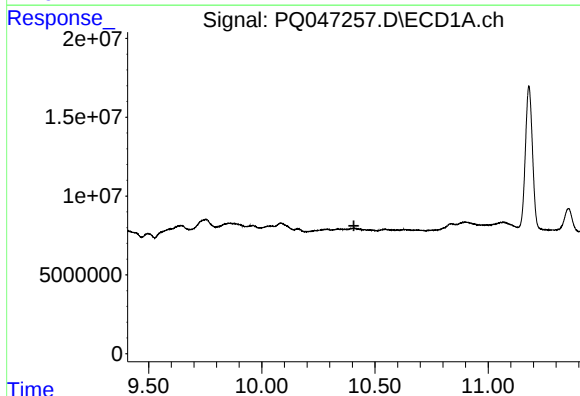
R.T.: 9.753 min  
Delta R.T.: 0.024 min  
Response: 24179158  
Conc: 18.07 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



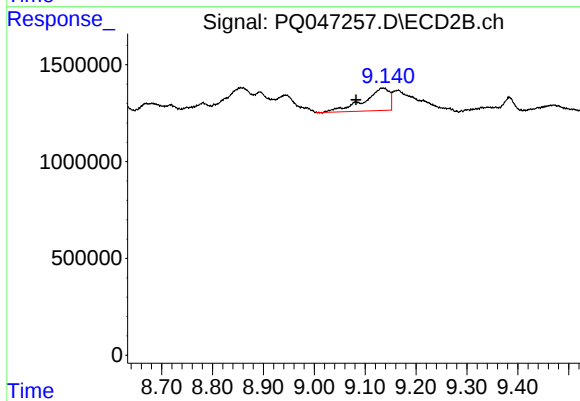
#42 AR-1268-2

R.T.: 8.576 min  
Delta R.T.: 0.000 min  
Response: 745763  
Conc: 2.28 ng/ml



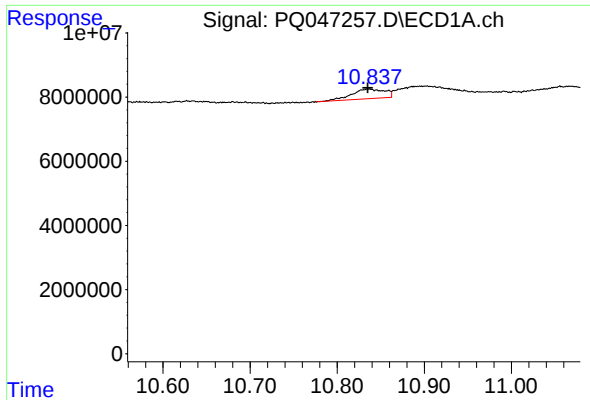
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 10.407 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

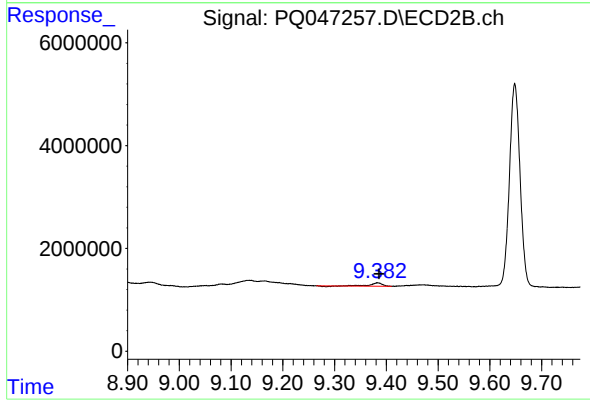
R.T.: 9.135 min  
Delta R.T.: 0.053 min  
Response: 4077513  
Conc: 34.67 ng/ml



#45 AR-1268-5

R.T.: 10.836 min  
Delta R.T.: 0.001 min  
Response: 7866639  
Conc: 2.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.383 min  
Delta R.T.: -0.003 min  
Response: 1028483  
Conc: 1.16 ng/ml