

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ051320\  
 Data File : PQ047741.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 May 2020 14:02  
 Operator : AJ\MA  
 Sample : PB128835BL  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 13 15:30:39 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ050520.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed May 06 16:27:16 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... | 5.114  | 4.259 | 284.9E6  | 57340739 | 14.848   | 17.419    |
| 2)                          | SA Decachlor... | 11.192 | 9.649 | 321.8E6  | 25546911 | 14.797   | 7.832 #   |
| Target Compounds            |                 |        |       |          |          |          |           |
| 3)                          | L1 AR-1016-1    | 6.359  | 0.000 | 2362923  | 0        | 3.420    | N.D. #    |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.775 | 0        | 1804007  | N.D.     | 21.674 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.817 | 0        | 4335115  | N.D.     | 65.615 #  |
| 9)                          | L2 AR-1221-2    | 5.467  | 4.620 | 5065291  | 607846   | 31.491   | 22.758 #  |
| 10)                         | L2 AR-1221-3    | 5.467  | 0.000 | 5065291  | 0        | 10.388   | N.D. #    |
| 11)                         | L3 AR-1232-1    | 5.467  | 0.000 | 5065291  | 0        | 13.362   | N.D. #    |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.775 | 0        | 1804007  | N.D.     | 53.676 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.817 | 0        | 4335115  | N.D.     | 147.922 # |
| 16)                         | L4 AR-1242-1    | 6.359  | 0.000 | 2362923  | 0        | 4.254    | N.D. #    |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.775 | 0        | 1804007  | N.D.     | 25.846 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.817 | 0        | 4335115  | N.D.     | 65.585 #  |
| 20)                         | L4 AR-1242-5    | 7.344  | 6.439 | 34518447 | 2981738  | 74.073   | 32.105 #  |
| 21)                         | L5 AR-1248-1    | 6.359  | 0.000 | 2362923  | 0        | 6.103    | N.D. #    |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.817 | 0        | 4335115  | N.D.     | 51.885 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.817 | 0        | 4335115  | N.D.     | 50.825 #  |
| 24)                         | L5 AR-1248-4    | 7.344  | 0.000 | 34518447 | 0        | 50.266   | N.D. #    |
| 25)                         | L5 AR-1248-5    | 7.344  | 6.439 | 34518447 | 2981738  | 53.225   | 28.272 #  |
| 26)                         | L6 AR-1254-1    | 7.344  | 6.439 | 34518447 | 2981738  | 49.291   | 17.138 #  |
| 28)                         | L6 AR-1254-3    | 7.963  | 0.000 | 6625604  | 0        | 5.694    | N.D. #    |
| 29)                         | L6 AR-1254-4    | 8.194  | 7.182 | 1981113  | 4493011  | 2.051    | 28.768 #  |
| 30)                         | L6 AR-1254-5    | 8.682  | 7.603 | 59173263 | 8948288  | 60.442   | 42.755 #  |
| 31)                         | L7 AR-1260-1    | 8.158  | 7.182 | 9114555  | 4493011  | 10.533   | 28.482 #  |
| 32)                         | L7 AR-1260-2    | 8.346  | 7.317 | 32799063 | 1421440  | 28.838   | 7.230 #   |
| 33)                         | L7 AR-1260-3    | 8.758  | 0.000 | 80744309 | 0        | 83.171   | N.D. #    |
| 34)                         | L7 AR-1260-4    | 9.028  | 7.917 | 1223.0E6 | 3289984  | 1259.553 | 21.806 #  |
| 35)                         | L7 AR-1260-5    | 9.319  | 8.221 | 60568454 | 458581   | 26.642   | 1.183 #   |
| 36)                         | L8 AR-1262-1    | 8.758  | 7.603 | 80744309 | 8948288  | 58.424   | 80.783 #  |
| 37)                         | L8 AR-1262-2    | 9.319  | 8.221 | 60568454 | 458581   | 23.412   | 1.088 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.501 | 0        | 739679   | N.D.     | 4.592 #   |
| 39)                         | L8 AR-1262-4    | 9.708  | 8.557 | -298107  | 425538   | N.D.     | 1.391 #   |
| 40)                         | L8 AR-1262-5    | 10.361 | 0.000 | 511.0E6  | 0        | 520.906  | N.D. #    |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.501 | 0        | 739679   | N.D.     | 1.345 #   |
| 42)                         | L9 AR-1268-2    | 9.708  | 8.557 | -298107  | 425538   | N.D.     | 0.837 #   |
| 43)                         | L9 AR-1268-3    | 9.964  | 8.784 | 53114778 | 292770   | 19.074   | 0.707 #   |
| 44)                         | L9 AR-1268-4    | 10.361 | 0.000 | 511.0E6  | 0        | 440.315  | N.D. #    |
| 45)                         | L9 AR-1268-5    | 10.803 | 9.433 | 99011120 | 3407367  | 12.394   | 2.609 #   |
| -----                       |                 |        |       |          |          |          |           |

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

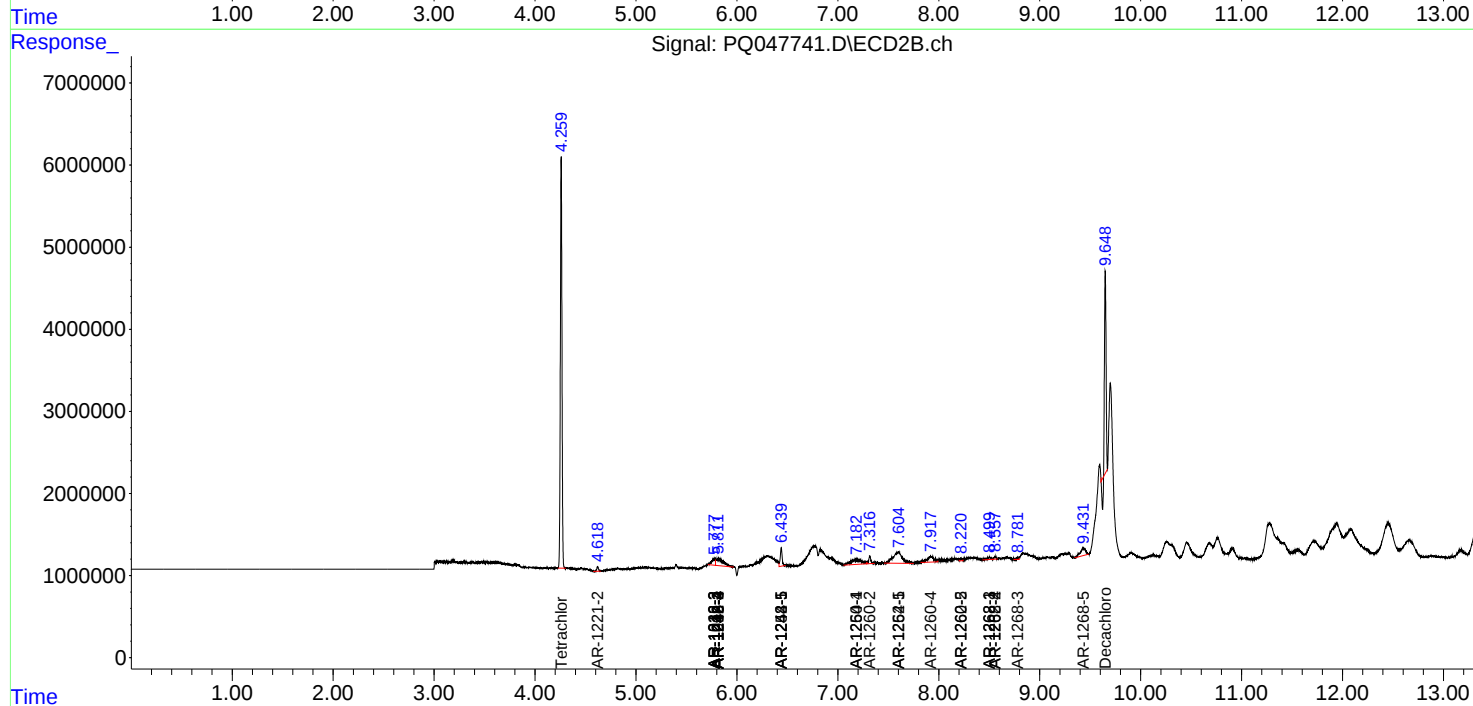
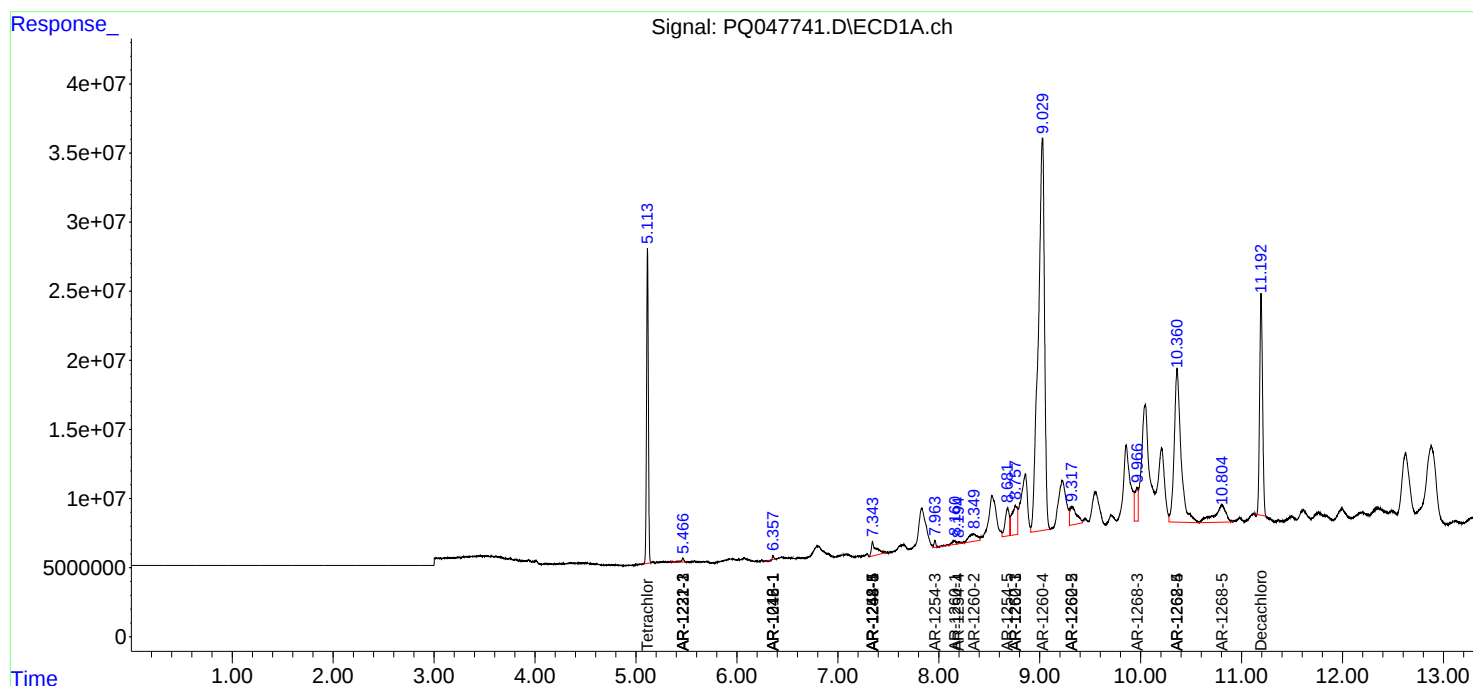
Instrument :  
ECD\_Q  
ClientSampleId :

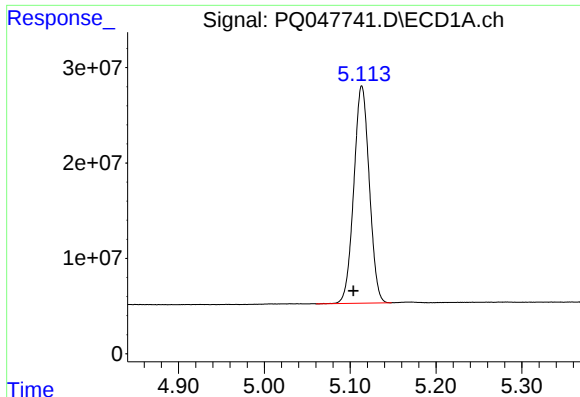
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ051320\  
Data File : PQ047741.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 May 2020 14:02  
Operator : AJ\MA  
Sample : PB128835BL  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 13 15:30:39 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ050520.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed May 06 16:27:16 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

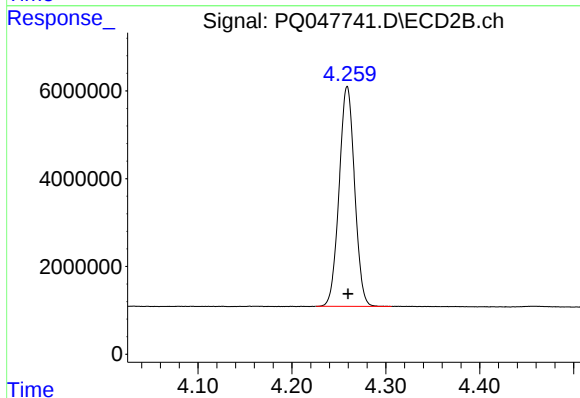




#1 Tetrachloro-m-xylene

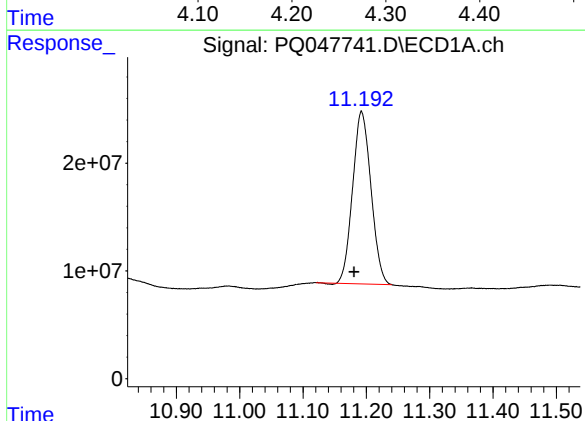
R.T.: 5.114 min  
Delta R.T.: 0.010 min  
Response: 284949496  
Conc: 14.85 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



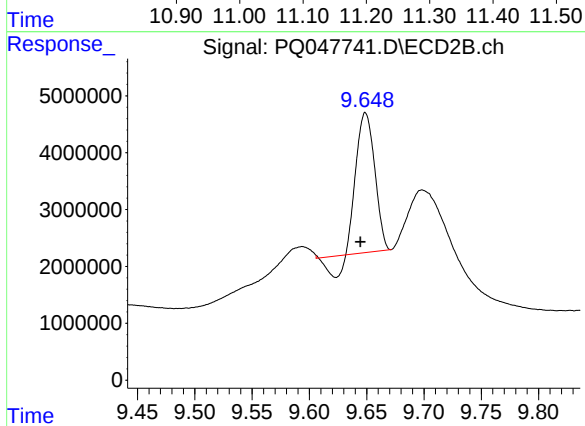
#1 Tetrachloro-m-xylene

R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 57340739  
Conc: 17.42 ng/ml



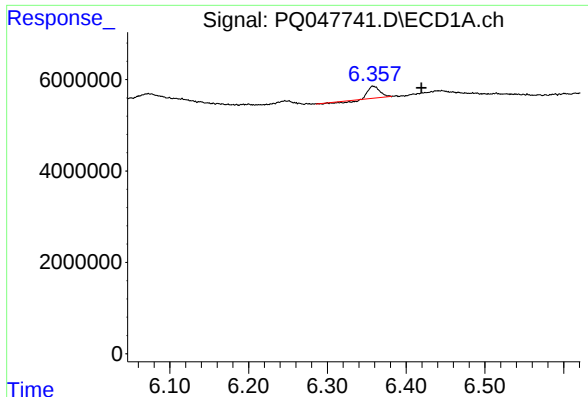
#2 Decachlorobiphenyl

R.T.: 11.192 min  
Delta R.T.: 0.012 min  
Response: 321810786  
Conc: 14.80 ng/ml



#2 Decachlorobiphenyl

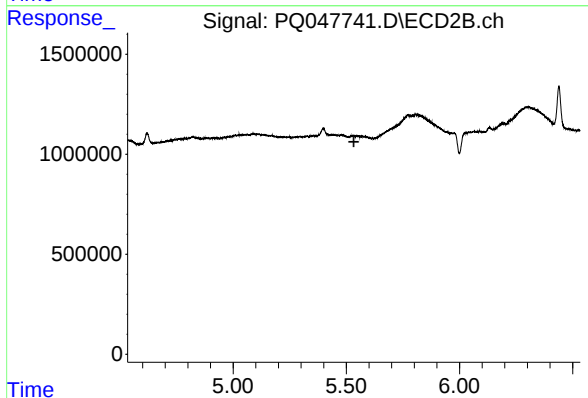
R.T.: 9.649 min  
Delta R.T.: 0.004 min  
Response: 25546911  
Conc: 7.83 ng/ml



#3 AR-1016-1

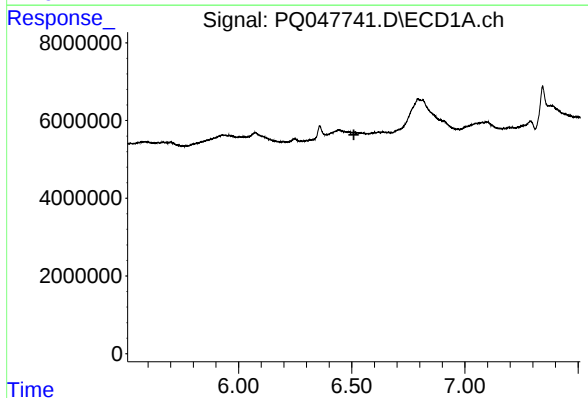
R.T.: 6.359 min  
Delta R.T.: -0.061 min  
Response: 2362923  
Conc: 3.42 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



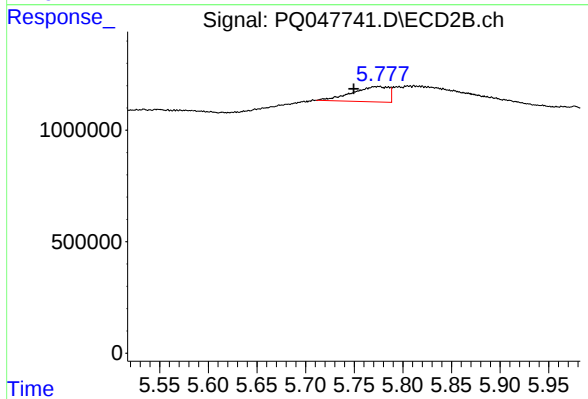
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.533 min  
Response: 0  
Conc: N.D.



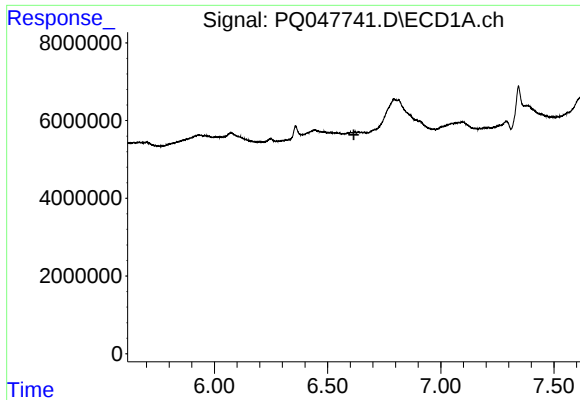
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 6.509 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

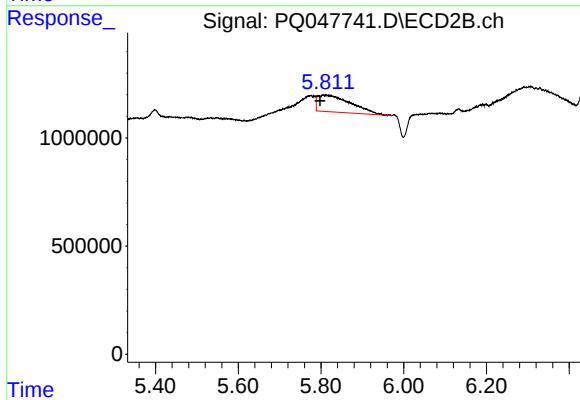
R.T.: 5.775 min  
Delta R.T.: 0.026 min  
Response: 1804007  
Conc: 21.67 ng/ml



#6 AR-1016-4

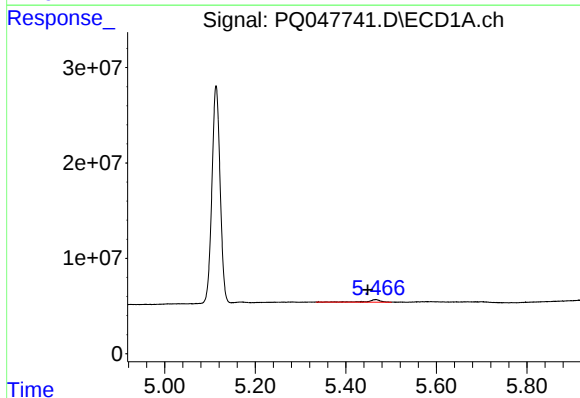
R.T.: 0.000 min  
Exp R.T.: 6.616 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



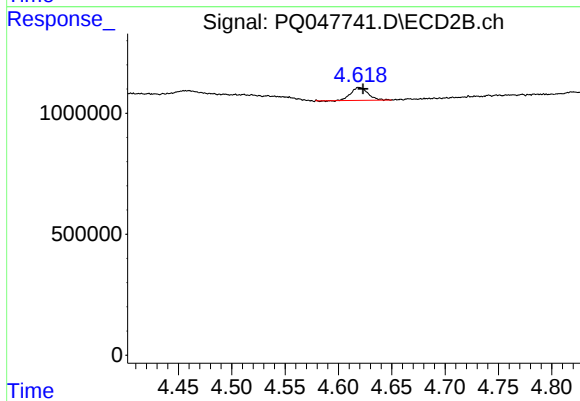
#6 AR-1016-4

R.T.: 5.817 min  
Delta R.T.: 0.019 min  
Response: 4335115  
Conc: 65.61 ng/ml



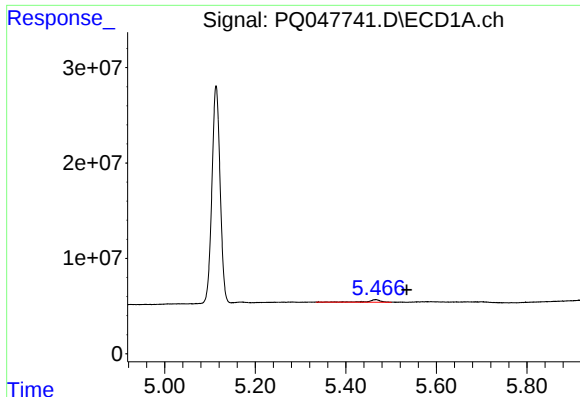
#9 AR-1221-2

R.T.: 5.467 min  
Delta R.T.: 0.018 min  
Response: 5065291  
Conc: 31.49 ng/ml



#9 AR-1221-2

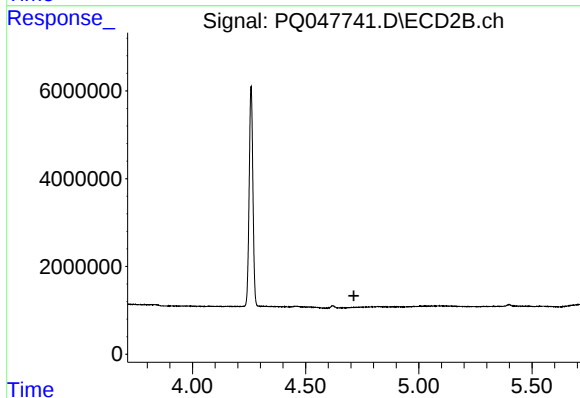
R.T.: 4.620 min  
Delta R.T.: -0.004 min  
Response: 607846  
Conc: 22.76 ng/ml



#10 AR-1221-3

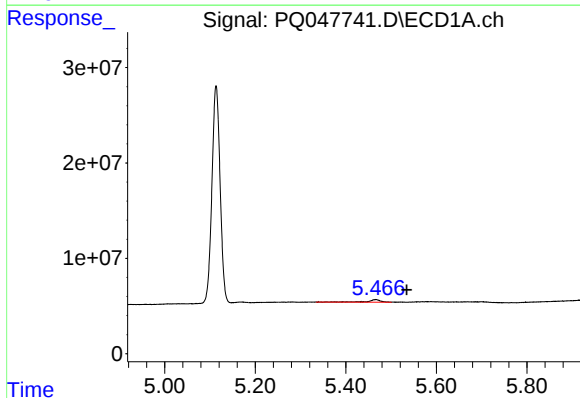
R.T.: 5.467 min  
Delta R.T.: -0.068 min  
Response: 5065291  
Conc: 10.39 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



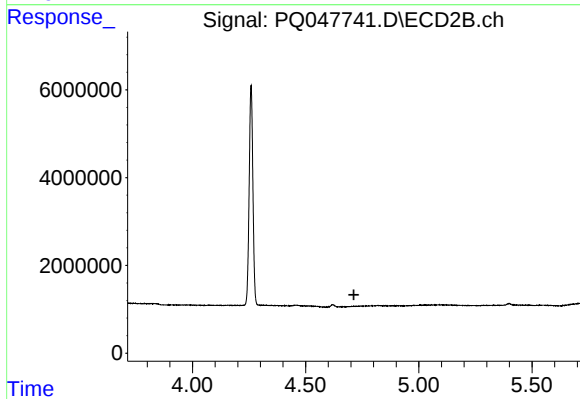
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.713 min  
Response: 0  
Conc: N.D.



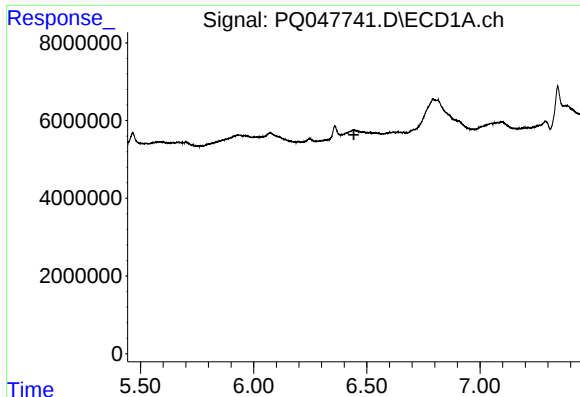
#11 AR-1232-1

R.T.: 5.467 min  
Delta R.T.: -0.068 min  
Response: 5065291  
Conc: 13.36 ng/ml



#11 AR-1232-1

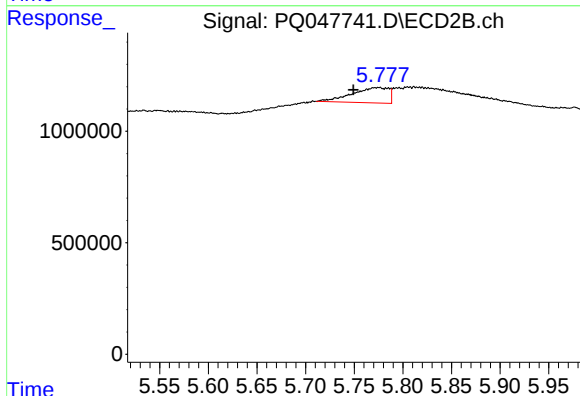
R.T.: 0.000 min  
Exp R.T. : 4.713 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

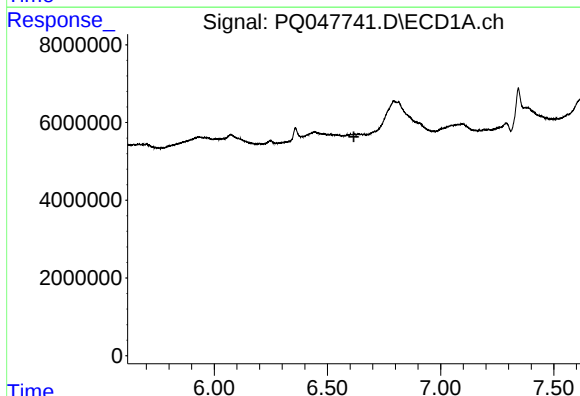
R.T.: 0.000 min  
Exp R.T.: 6.443 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



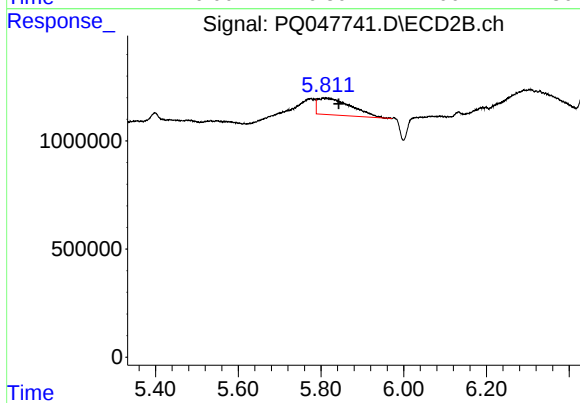
#13 AR-1232-3

R.T.: 5.775 min  
Delta R.T.: 0.026 min  
Response: 1804007  
Conc: 53.68 ng/ml



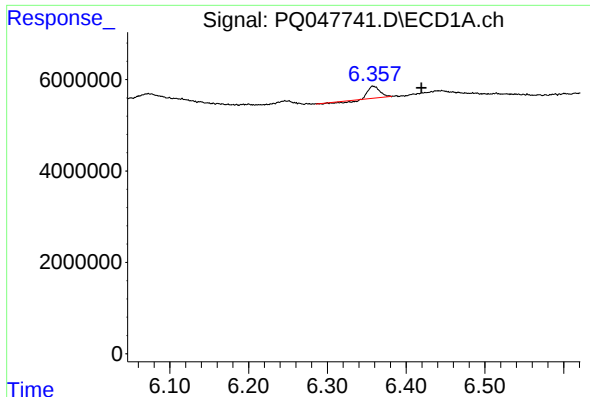
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 6.617 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

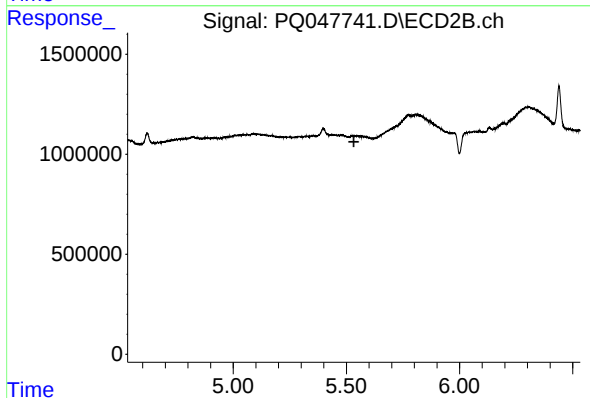
R.T.: 5.817 min  
Delta R.T.: -0.026 min  
Response: 4335115  
Conc: 147.92 ng/ml



#16 AR-1242-1

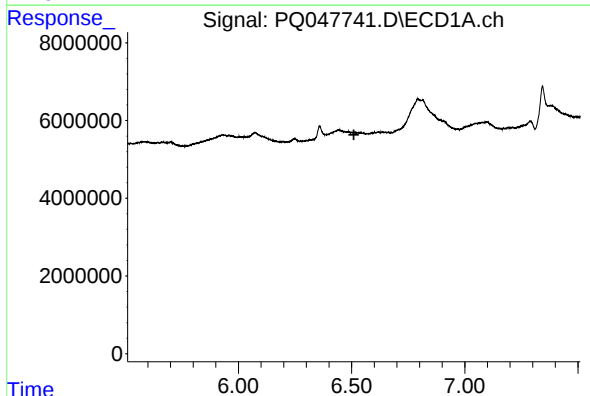
R.T.: 6.359 min  
Delta R.T.: -0.061 min  
Response: 2362923  
Conc: 4.25 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



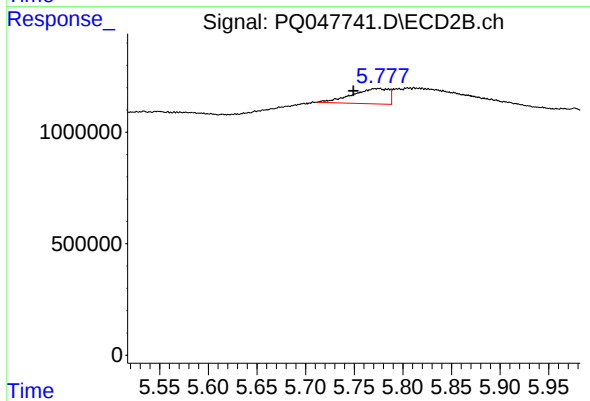
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.533 min  
Response: 0  
Conc: N.D.



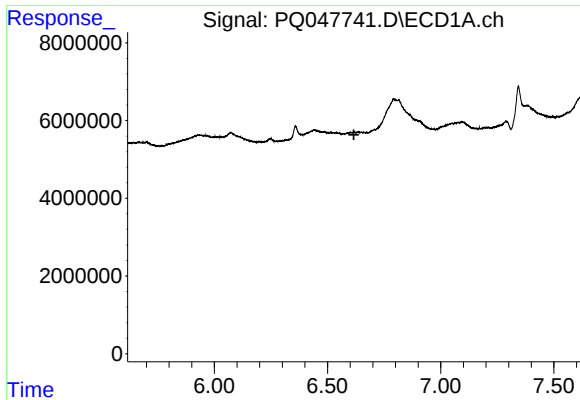
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 6.510 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

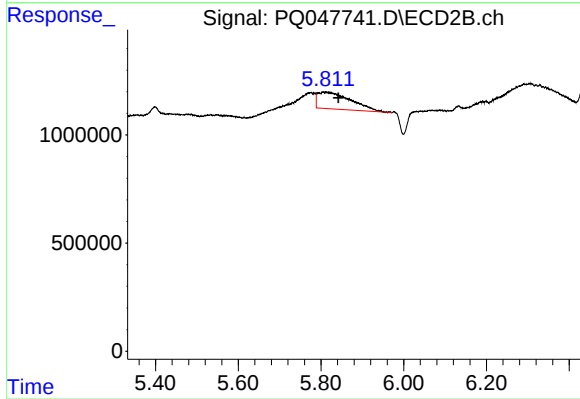
R.T.: 5.775 min  
Delta R.T.: 0.026 min  
Response: 1804007  
Conc: 25.85 ng/ml



#19 AR-1242-4

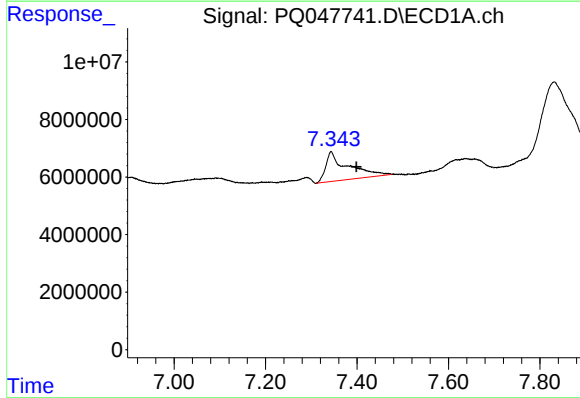
R.T.: 0.000 min  
Exp R.T.: 6.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



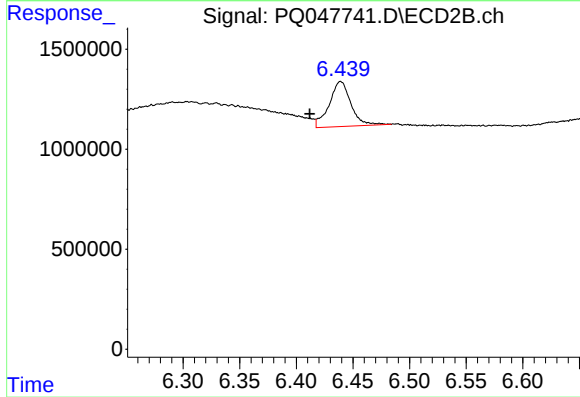
#19 AR-1242-4

R.T.: 5.817 min  
Delta R.T.: -0.026 min  
Response: 4335115  
Conc: 65.58 ng/ml



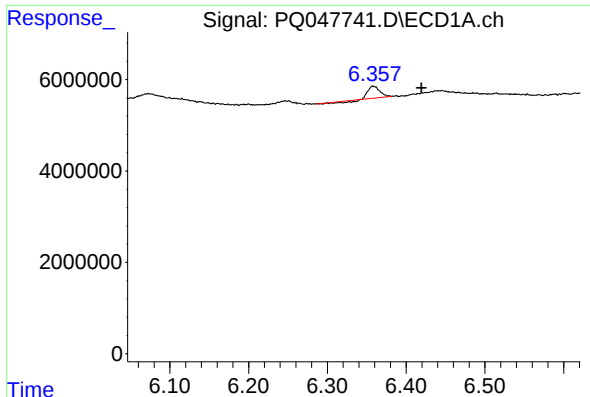
#20 AR-1242-5

R.T.: 7.344 min  
Delta R.T.: -0.055 min  
Response: 34518447  
Conc: 74.07 ng/ml



#20 AR-1242-5

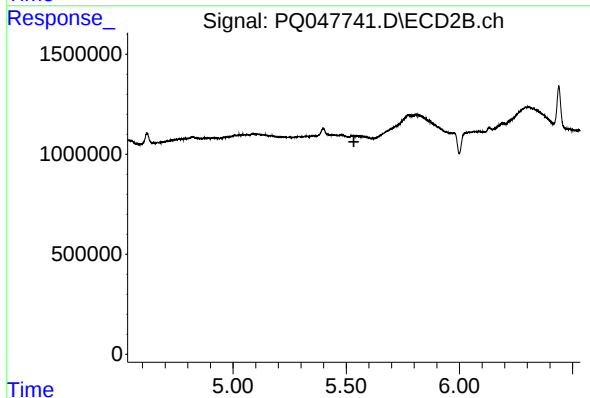
R.T.: 6.439 min  
Delta R.T.: 0.027 min  
Response: 2981738  
Conc: 32.11 ng/ml



#21 AR-1248-1

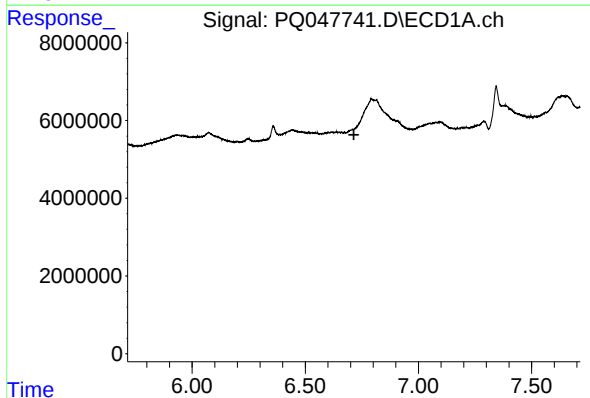
R.T.: 6.359 min  
Delta R.T.: -0.061 min  
Response: 2362923  
Conc: 6.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



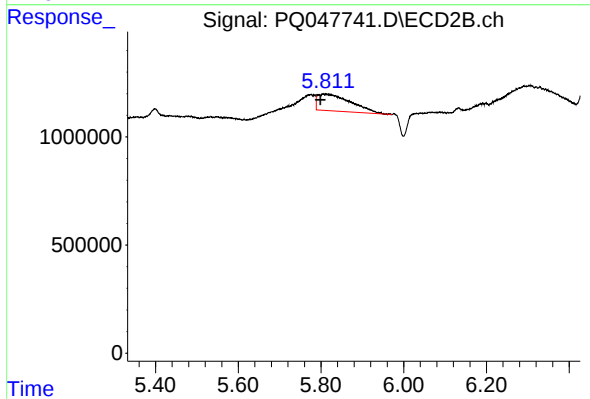
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.534 min  
Response: 0  
Conc: N.D.



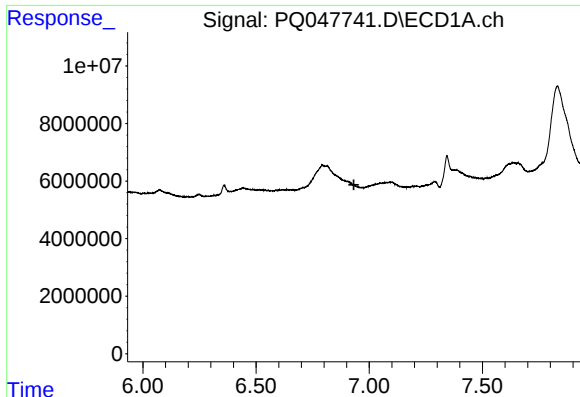
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.715 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

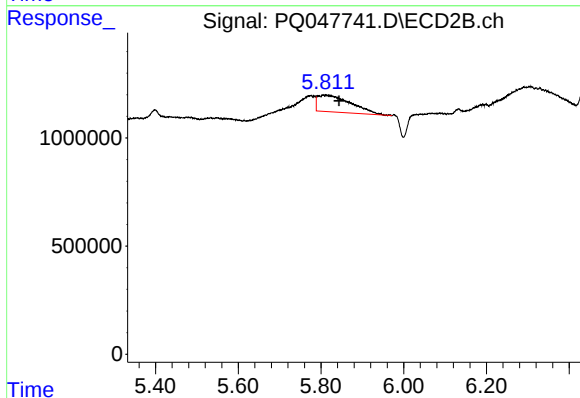
R.T.: 5.817 min  
Delta R.T.: 0.018 min  
Response: 4335115  
Conc: 51.89 ng/ml



#23 AR-1248-3

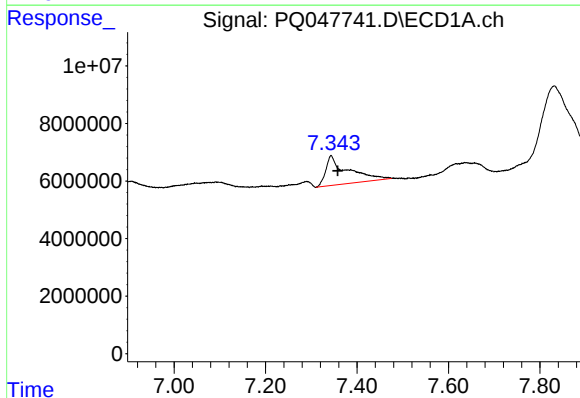
R.T.: 0.000 min  
Exp R.T.: 6.932 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



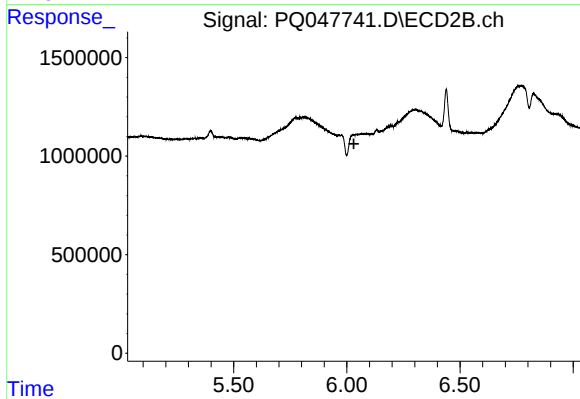
#23 AR-1248-3

R.T.: 5.817 min  
Delta R.T.: -0.027 min  
Response: 4335115  
Conc: 50.82 ng/ml



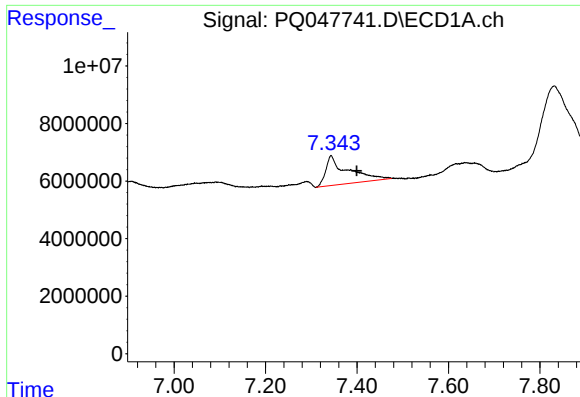
#24 AR-1248-4

R.T.: 7.344 min  
Delta R.T.: -0.015 min  
Response: 34518447  
Conc: 50.27 ng/ml



#24 AR-1248-4

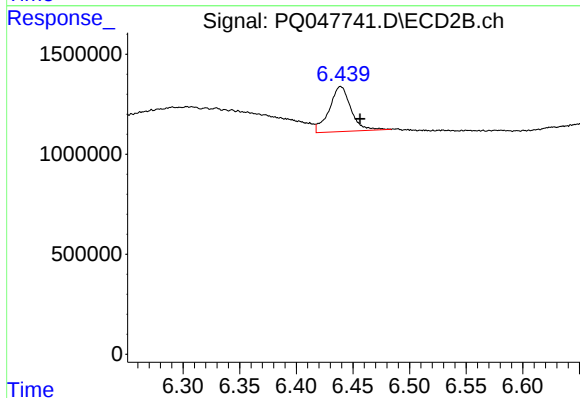
R.T.: 0.000 min  
Exp R.T.: 6.031 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

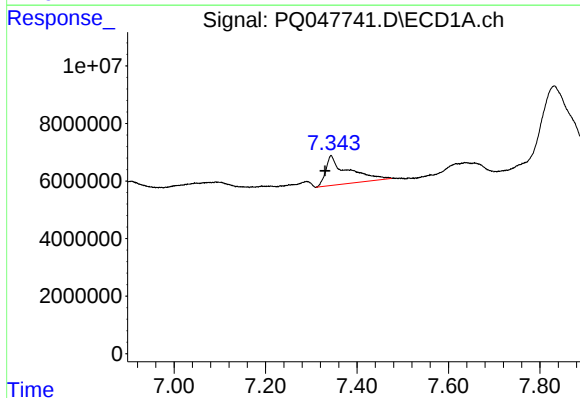
R.T.: 7.344 min  
Delta R.T.: -0.055 min  
Response: 34518447  
Conc: 53.23 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



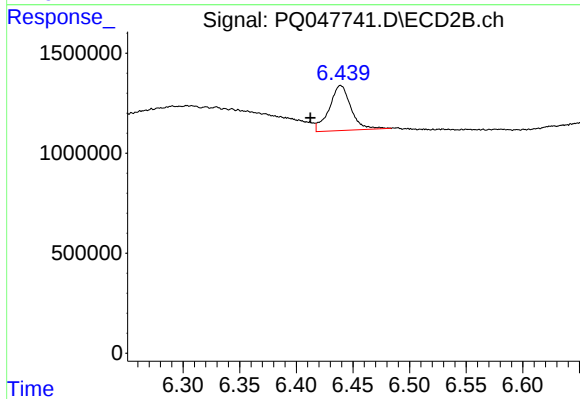
#25 AR-1248-5

R.T.: 6.439 min  
Delta R.T.: -0.017 min  
Response: 2981738  
Conc: 28.27 ng/ml



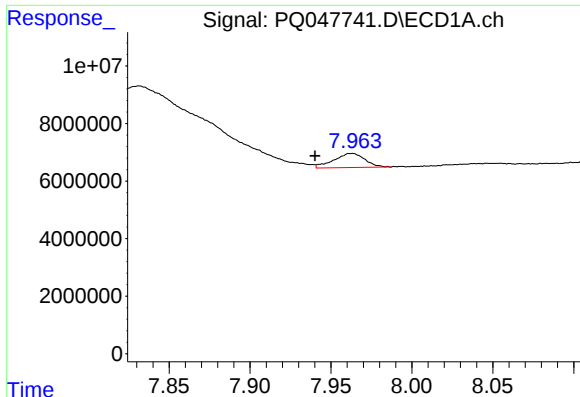
#26 AR-1254-1

R.T.: 7.344 min  
Delta R.T.: 0.013 min  
Response: 34518447  
Conc: 49.29 ng/ml



#26 AR-1254-1

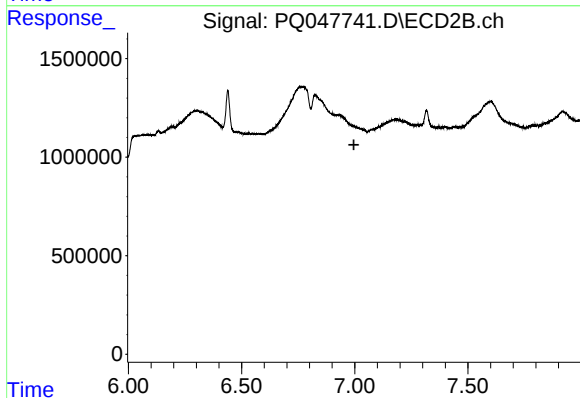
R.T.: 6.439 min  
Delta R.T.: 0.027 min  
Response: 2981738  
Conc: 17.14 ng/ml



#28 AR-1254-3

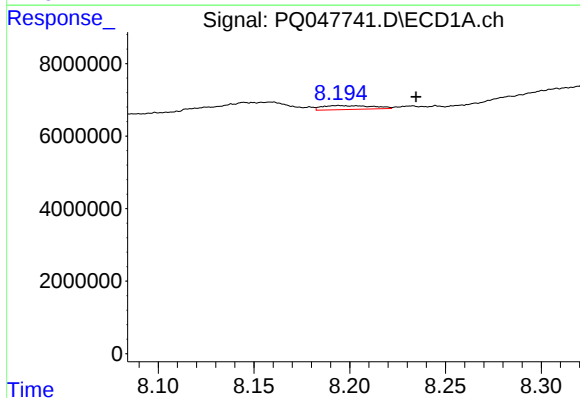
R.T.: 7.963 min  
Delta R.T.: 0.023 min  
Response: 6625604  
Conc: 5.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



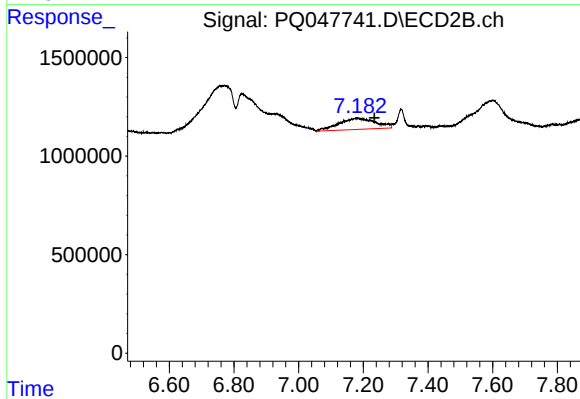
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.996 min  
Response: 0  
Conc: N.D.



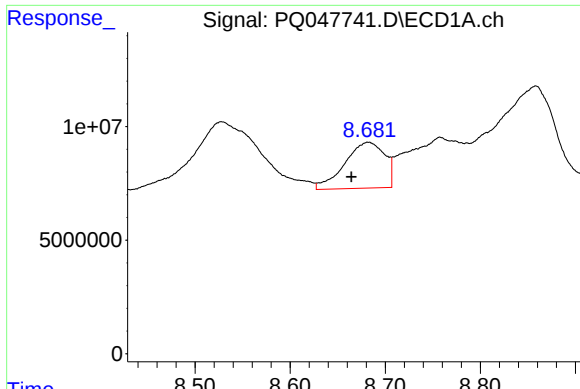
#29 AR-1254-4

R.T.: 8.194 min  
Delta R.T.: -0.040 min  
Response: 1981113  
Conc: 2.05 ng/ml



#29 AR-1254-4

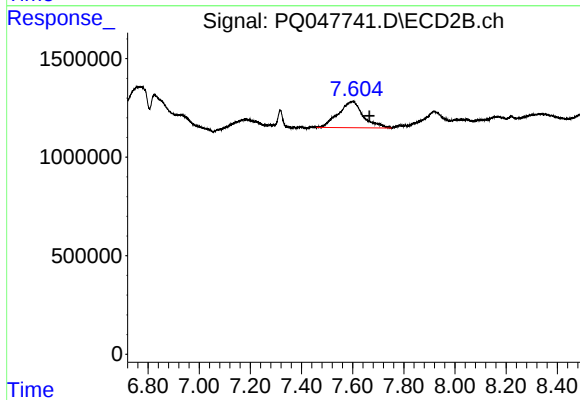
R.T.: 7.182 min  
Delta R.T.: -0.053 min  
Response: 4493011  
Conc: 28.77 ng/ml



#30 AR-1254-5

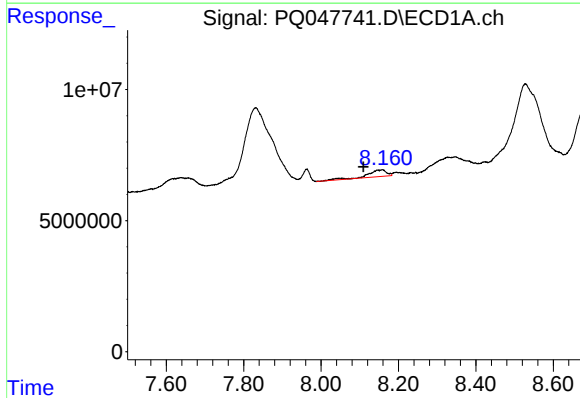
R.T.: 8.682 min  
Delta R.T.: 0.018 min  
Response: 59173263  
Conc: 60.44 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



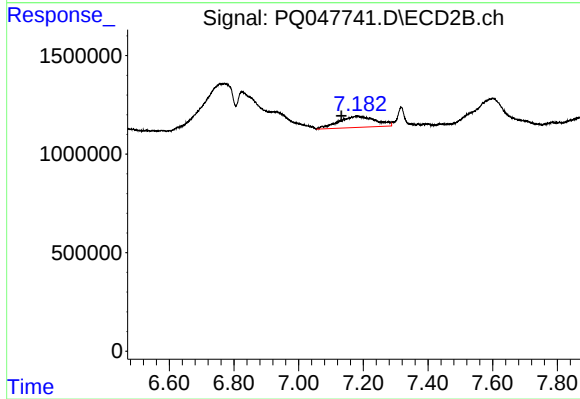
#30 AR-1254-5

R.T.: 7.603 min  
Delta R.T.: -0.063 min  
Response: 8948288  
Conc: 42.76 ng/ml



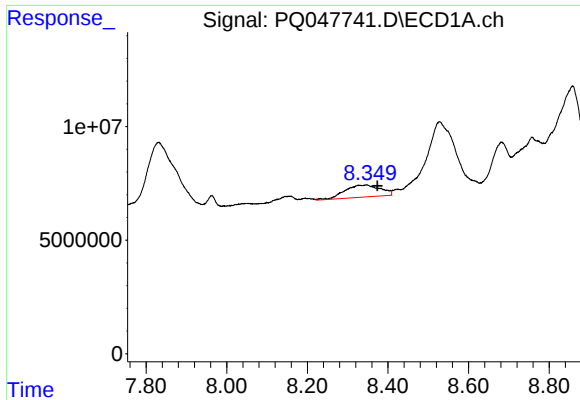
#31 AR-1260-1

R.T.: 8.158 min  
Delta R.T.: 0.048 min  
Response: 9114555  
Conc: 10.53 ng/ml



#31 AR-1260-1

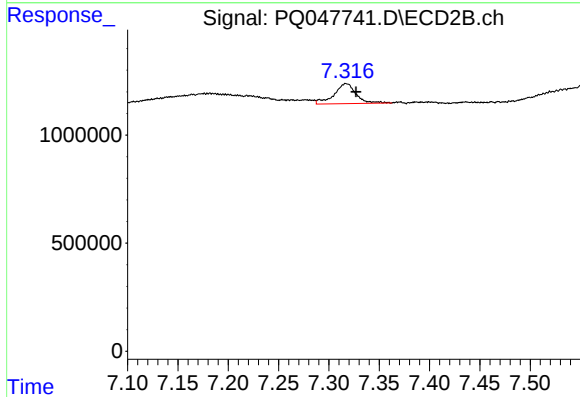
R.T.: 7.182 min  
Delta R.T.: 0.050 min  
Response: 4493011  
Conc: 28.48 ng/ml



#32 AR-1260-2

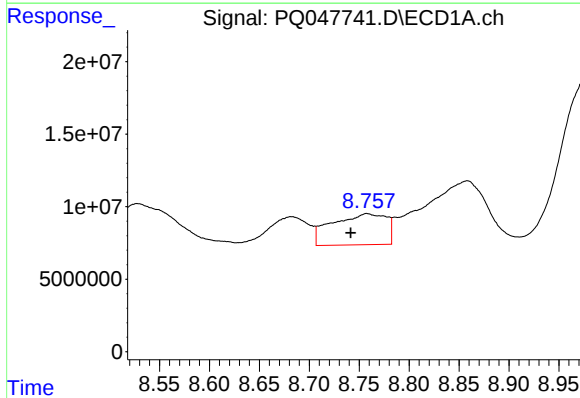
R.T.: 8.346 min  
Delta R.T.: -0.027 min  
Response: 32799063  
Conc: 28.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



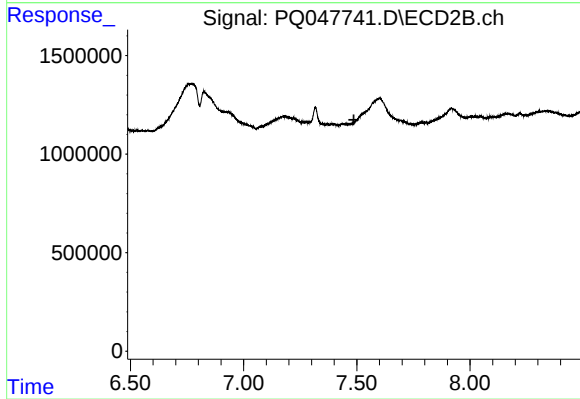
#32 AR-1260-2

R.T.: 7.317 min  
Delta R.T.: -0.010 min  
Response: 1421440  
Conc: 7.23 ng/ml



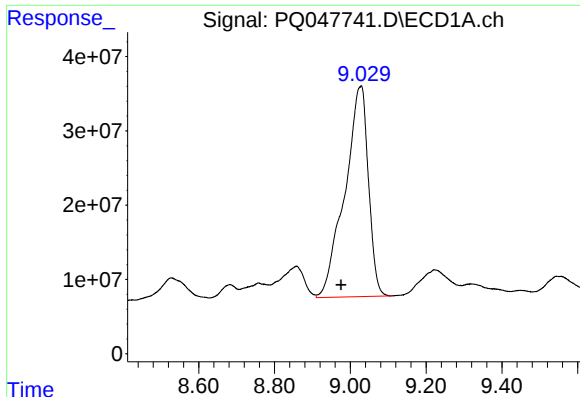
#33 AR-1260-3

R.T.: 8.758 min  
Delta R.T.: 0.016 min  
Response: 80744309  
Conc: 83.17 ng/ml



#33 AR-1260-3

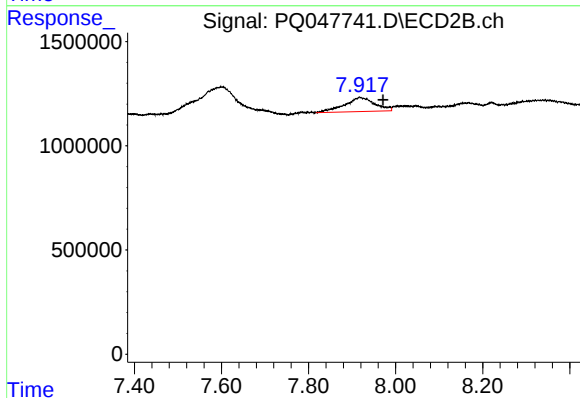
R.T.: 0.000 min  
Exp R.T.: 7.487 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

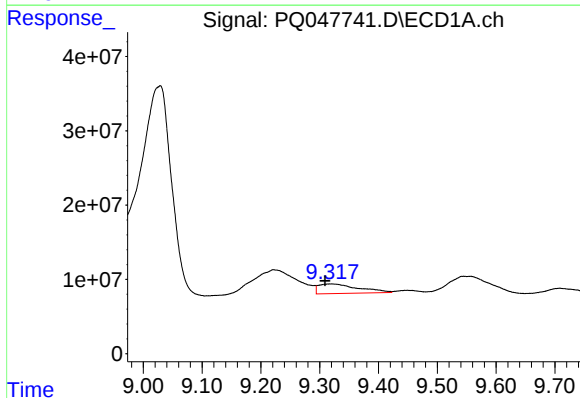
R.T.: 9.028 min  
Delta R.T.: 0.052 min  
Response: 1222974542  
Conc: 1259.55 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



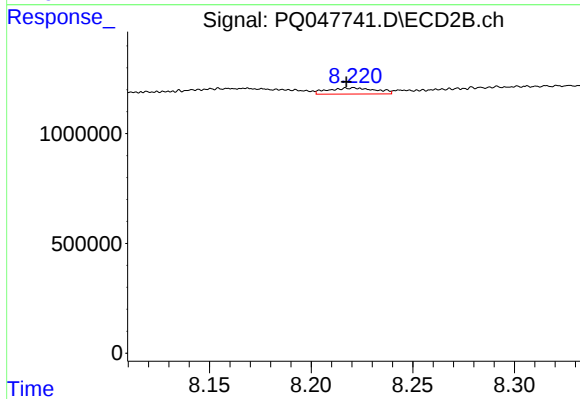
#34 AR-1260-4

R.T.: 7.917 min  
Delta R.T.: -0.054 min  
Response: 3289984  
Conc: 21.81 ng/ml



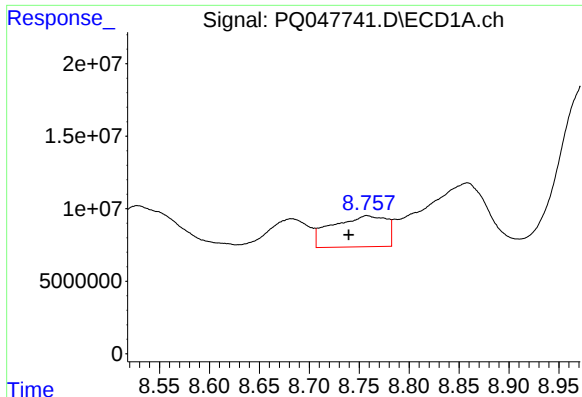
#35 AR-1260-5

R.T.: 9.319 min  
Delta R.T.: 0.010 min  
Response: 60568454  
Conc: 26.64 ng/ml



#35 AR-1260-5

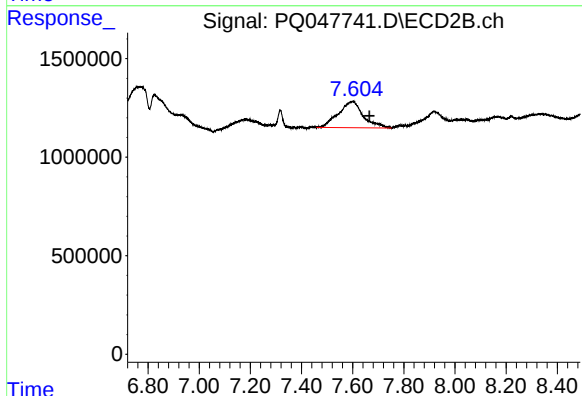
R.T.: 8.221 min  
Delta R.T.: 0.003 min  
Response: 458581  
Conc: 1.18 ng/ml



#36 AR-1262-1

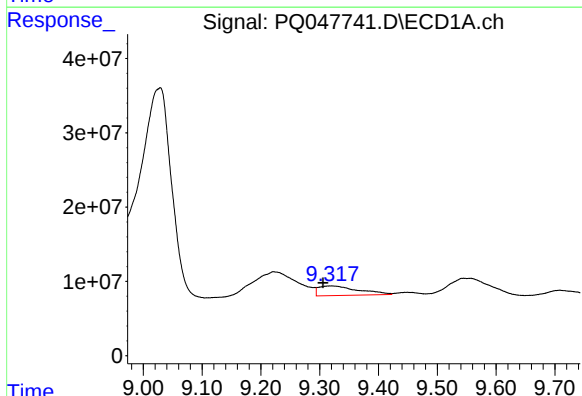
R.T.: 8.758 min  
Delta R.T.: 0.019 min  
Response: 80744309  
Conc: 58.42 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



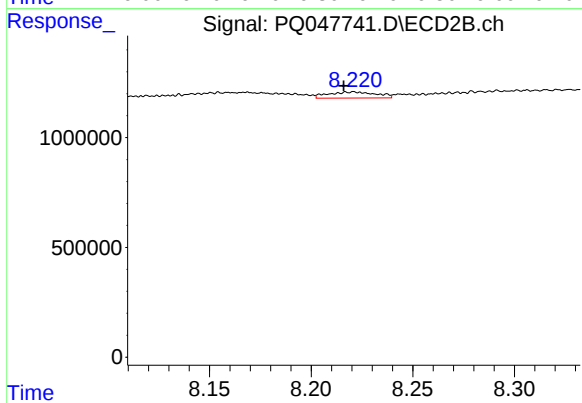
#36 AR-1262-1

R.T.: 7.603 min  
Delta R.T.: -0.062 min  
Response: 8948288  
Conc: 80.78 ng/ml



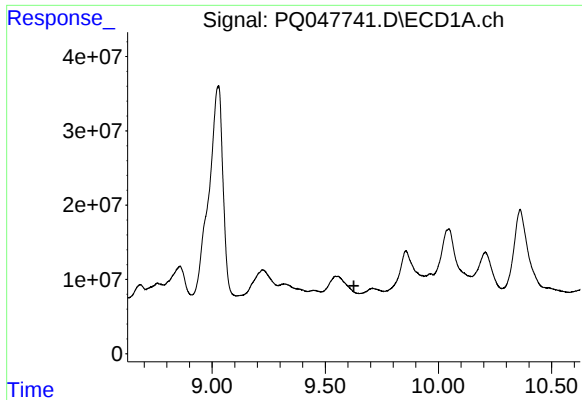
#37 AR-1262-2

R.T.: 9.319 min  
Delta R.T.: 0.013 min  
Response: 60568454  
Conc: 23.41 ng/ml



#37 AR-1262-2

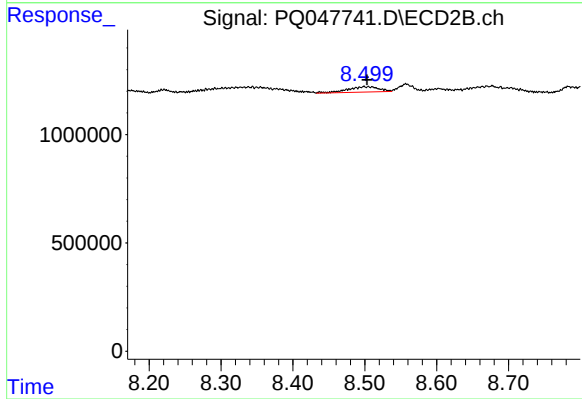
R.T.: 8.221 min  
Delta R.T.: 0.005 min  
Response: 458581  
Conc: 1.09 ng/ml



#38 AR-1262-3

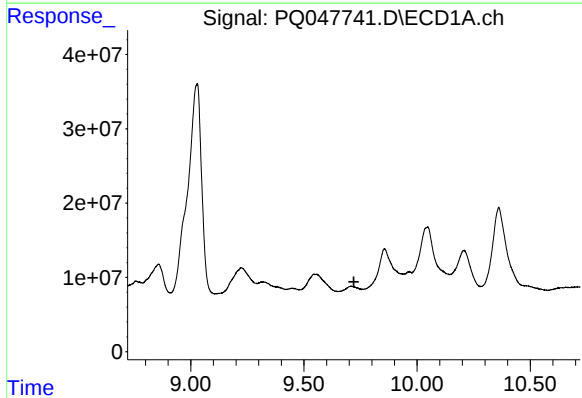
R.T.: 0.000 min  
Exp R.T.: 9.627 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



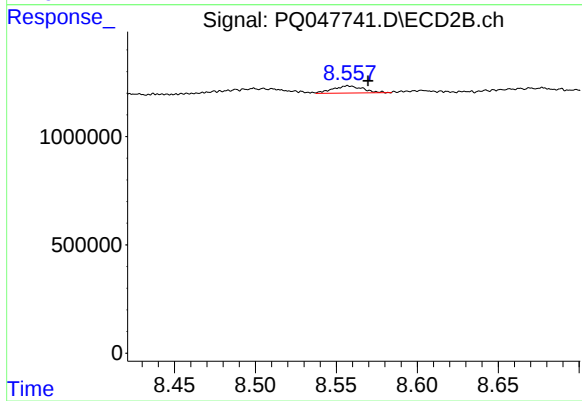
#38 AR-1262-3

R.T.: 8.501 min  
Delta R.T.: -0.003 min  
Response: 739679  
Conc: 4.59 ng/ml



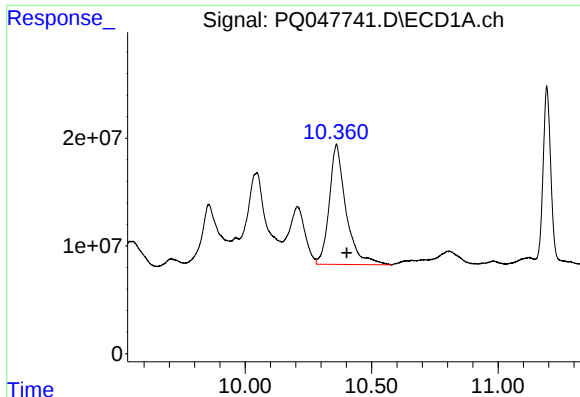
#39 AR-1262-4

R.T.: 9.708 min  
Delta R.T.: -0.013 min  
Response: -298107  
Conc: N.D.



#39 AR-1262-4

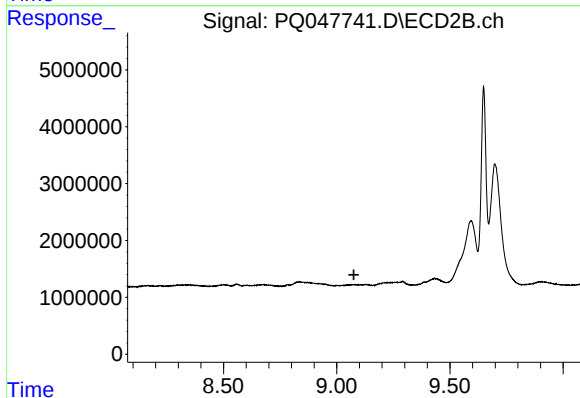
R.T.: 8.557 min  
Delta R.T.: -0.012 min  
Response: 425538  
Conc: 1.39 ng/ml



#40 AR-1262-5

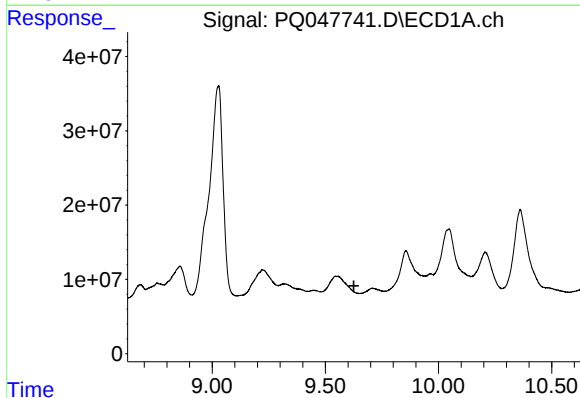
R.T.: 10.361 min  
Delta R.T.: -0.041 min  
Response: 510981970  
Conc: 520.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



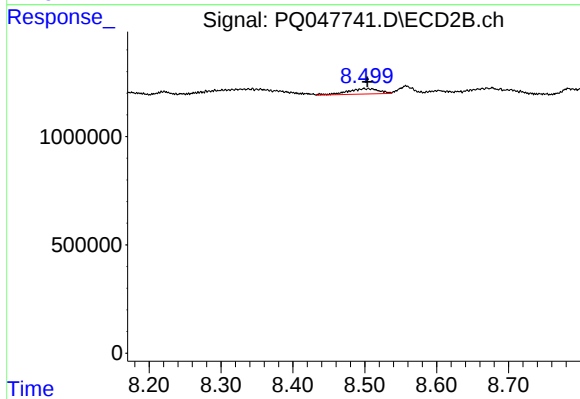
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 9.076 min  
Response: 0  
Conc: N.D.



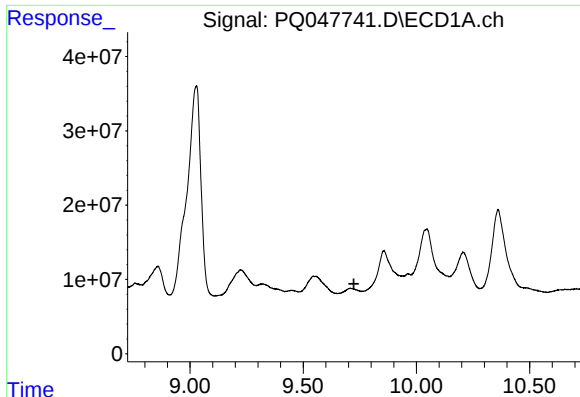
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 9.626 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

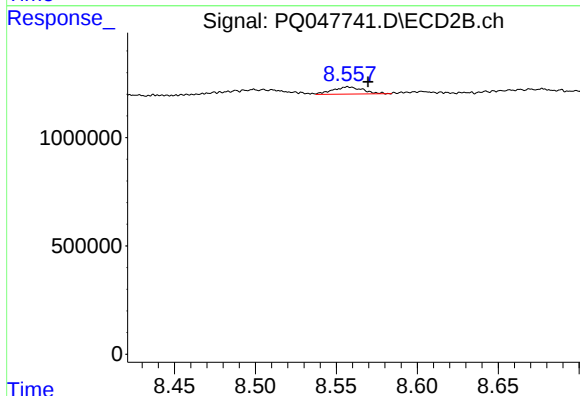
R.T.: 8.501 min  
Delta R.T.: -0.003 min  
Response: 739679  
Conc: 1.34 ng/ml



#42 AR-1268-2

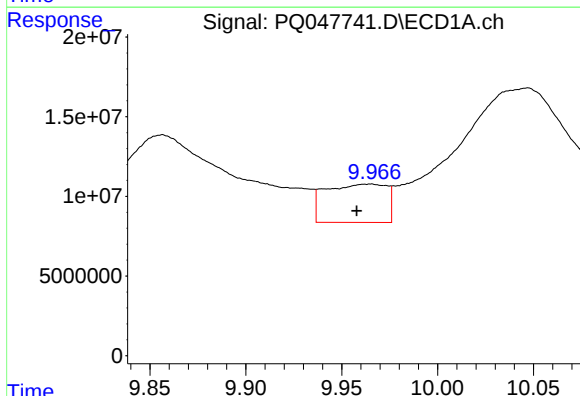
R.T.: 9.708 min  
Delta R.T.: -0.016 min  
Response: -298107  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



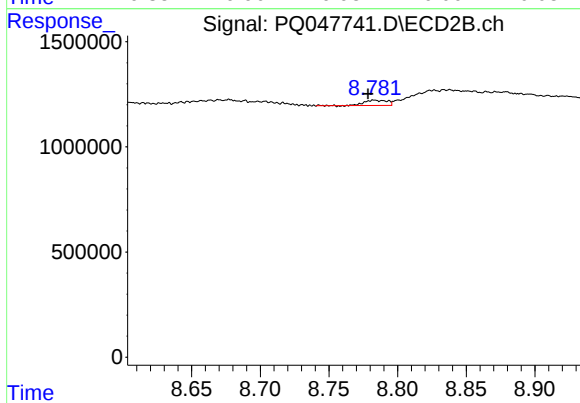
#42 AR-1268-2

R.T.: 8.557 min  
Delta R.T.: -0.012 min  
Response: 425538  
Conc: 0.84 ng/ml



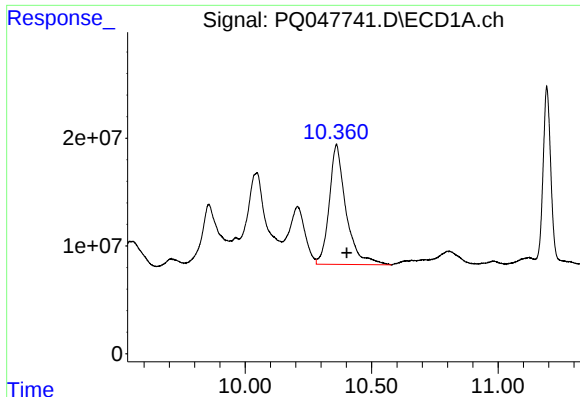
#43 AR-1268-3

R.T.: 9.964 min  
Delta R.T.: 0.006 min  
Response: 53114778  
Conc: 19.07 ng/ml



#43 AR-1268-3

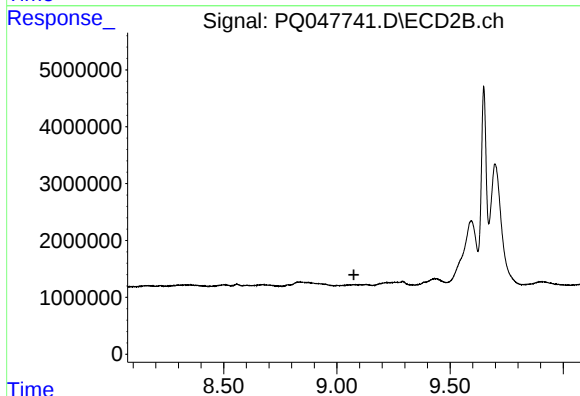
R.T.: 8.784 min  
Delta R.T.: 0.006 min  
Response: 292770  
Conc: 0.71 ng/ml



#44 AR-1268-4

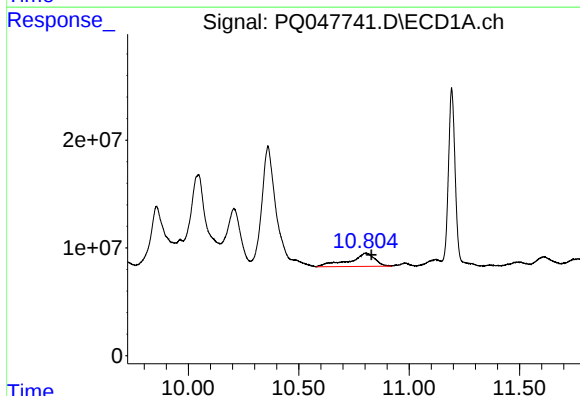
R.T.: 10.361 min  
Delta R.T.: -0.041 min  
Response: 510981970  
Conc: 440.31 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



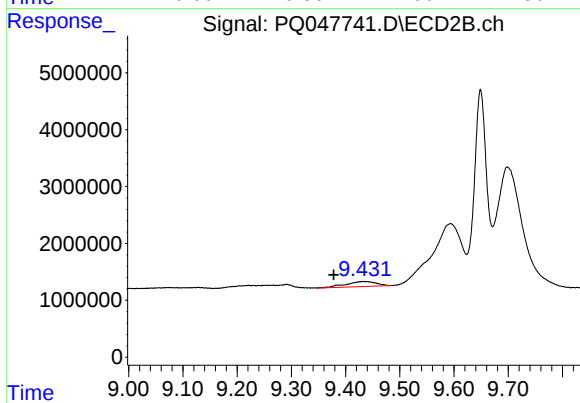
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 9.075 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.803 min  
Delta R.T.: -0.027 min  
Response: 99011120  
Conc: 12.39 ng/ml



#45 AR-1268-5

R.T.: 9.433 min  
Delta R.T.: 0.054 min  
Response: 3407367  
Conc: 2.61 ng/ml