

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ013120\  
 Data File : PQ046289.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jan 2020 10:51  
 Operator : AJ\MA  
 Sample : PB126454BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleID :  
 PB126454BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 31 14:32:47 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ013020.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jan 31 06:56:17 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... | 5.211  | 4.352 | 88881866 | 42591925 | 14.778 | 14.464    |
| 2)                          | SA Decachlor... | 11.349 | 9.777 | 91978600 | 83532806 | 17.875 | 16.381    |
| Target Compounds            |                 |        |       |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 6.449  | 0.000 | 3029310  | 0        | 13.838 | N.D. #    |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.856 | 0        | 1020786  | N.D.   | 12.405 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.913 | 0        | 3908659  | N.D.   | 56.279 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 6.136 | 0        | 1133573  | N.D.   | 11.910 #  |
| 12)                         | L3 AR-1232-2    | 6.264  | 0.000 | 7250310  | 0        | 91.047 | N.D. #    |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.856 | 0        | 1020786  | N.D.   | 26.614 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.913 | 0        | 3908659  | N.D.   | 102.619 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 6.136 | 0        | 1133573  | N.D.   | 26.116 #  |
| 16)                         | L4 AR-1242-1    | 6.449  | 0.000 | 3029310  | 0        | 17.855 | N.D. #    |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.856 | 0        | 1020786  | N.D.   | 15.515 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.913 | 0        | 3908659  | N.D.   | 55.297 #  |
| 20)                         | L4 AR-1242-5    | 7.439  | 0.000 | 5403459  | 0        | 36.279 | N.D. #    |
| 21)                         | L5 AR-1248-1    | 6.449  | 0.000 | 3029310  | 0        | 18.810 | N.D. #    |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.913 | 0        | 3908659  | N.D.   | 34.149 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.913 | 0        | 3908659  | N.D.   | 32.198 #  |
| 24)                         | L5 AR-1248-4    | 7.439  | 6.136 | 5403459  | 1133573  | 18.668 | 7.537 #   |
| 25)                         | L5 AR-1248-5    | 7.439  | 0.000 | 5403459  | 0        | 18.700 | N.D. #    |
| 26)                         | L6 AR-1254-1    | 7.439  | 0.000 | 5403459  | 0        | 18.167 | N.D. #    |
| 28)                         | L6 AR-1254-3    | 0.000  | 7.132 | 0        | 740334   | N.D.   | 2.158 #   |
| 29)                         | L6 AR-1254-4    | 0.000  | 7.340 | 0        | 2024312  | N.D.   | 9.447 #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 7.230 | 0        | 4411293  | N.D.   | 21.777 #  |
| 32)                         | L7 AR-1260-2    | 8.537  | 0.000 | 808430   | 0        | 2.356  | N.D. #    |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.643 | 0        | 275901   | N.D.   | 1.212 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 8.310 | 0        | 2065073  | N.D.   | 3.951 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 8.310 | 0        | 2065073  | N.D.   | 3.170 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.614 | 0        | 2690106  | N.D.   | 10.736 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.614 | 0        | 2690106  | N.D.   | 5.551 #   |
| 40)                         | L8 AR-1262-5    | 0.000  | 9.123 | 0        | 7845978  | N.D.   | 33.846 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.614 | 0        | 2690106  | N.D.   | 3.477 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.614 | 0        | 2690106  | N.D.   | 3.713 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 9.123 | 0        | 7845978  | N.D.   | 29.180 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 9.501 | 0        | 3875027  | N.D.   | 1.782 #   |
| -----                       |                 |        |       |          |          |        |           |

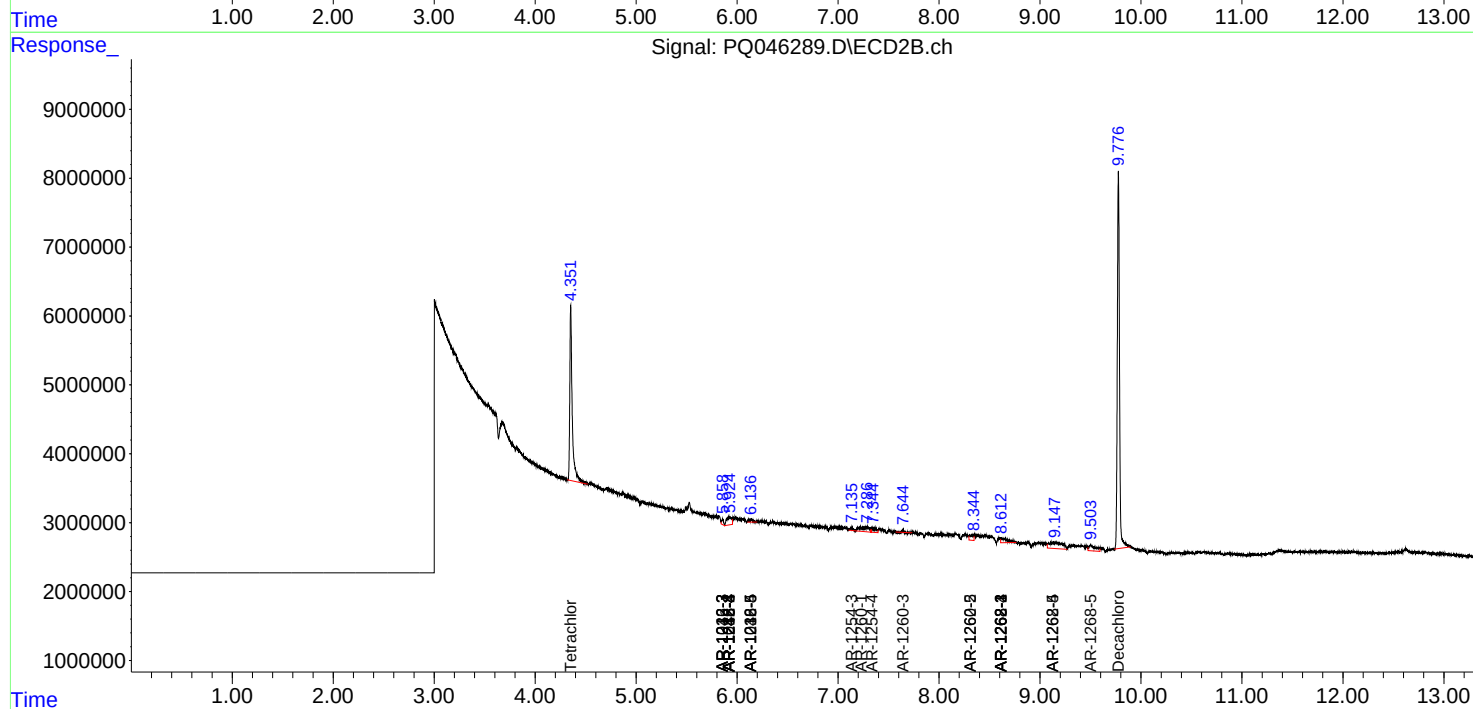
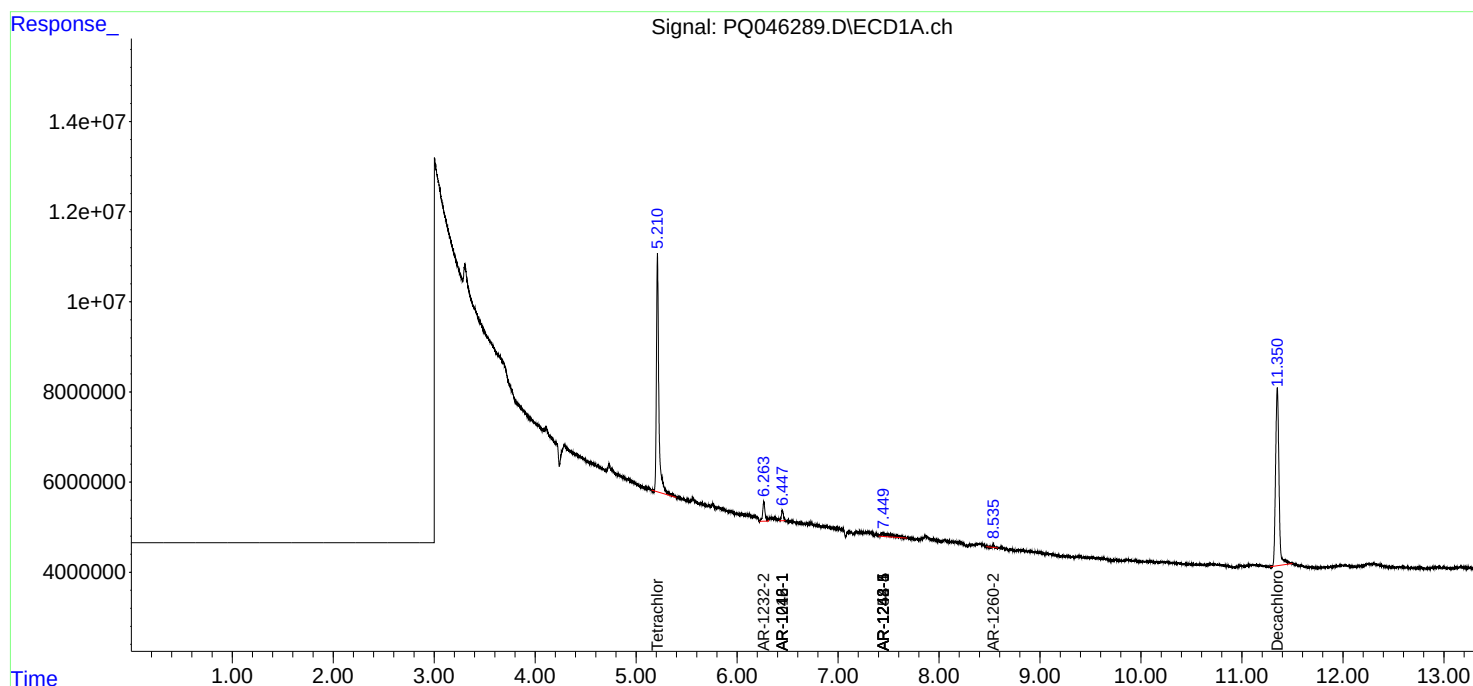
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

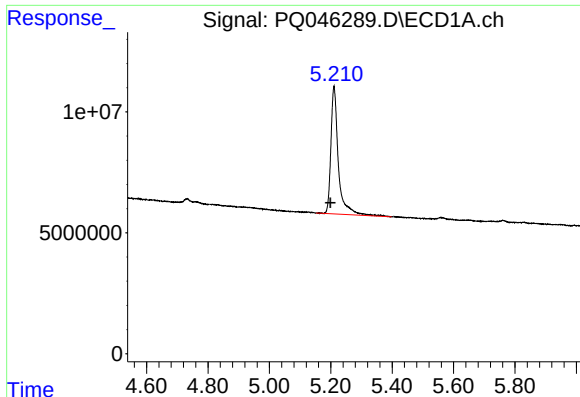
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ013120\  
Data File : PQ046289.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jan 2020 10:51  
Operator : AJ\MA  
Sample : PB126454BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleID :  
PB126454BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 31 14:32:47 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ013020.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jan 31 06:56:17 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

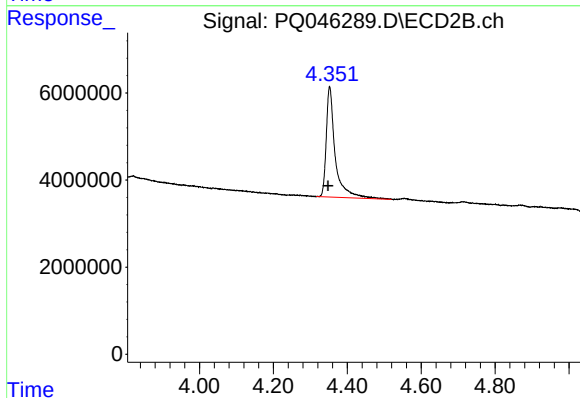




#1 Tetrachloro-m-xylene

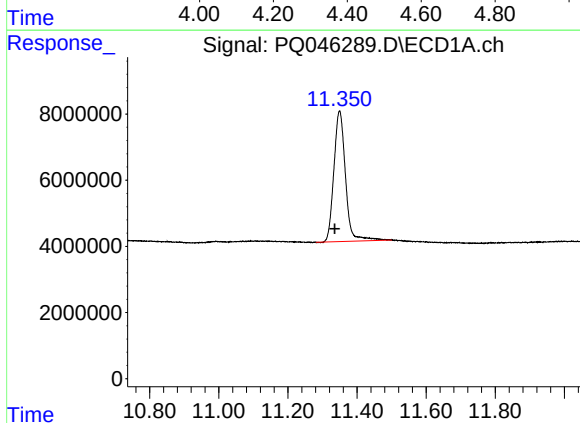
R.T.: 5.211 min  
Delta R.T.: 0.012 min  
Response: 88881866  
Conc: 14.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



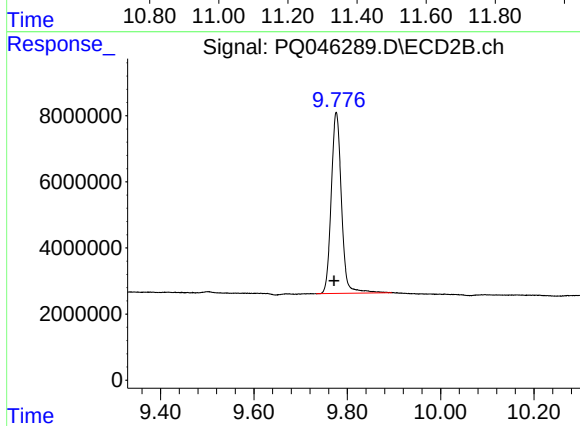
#1 Tetrachloro-m-xylene

R.T.: 4.352 min  
Delta R.T.: 0.005 min  
Response: 42591925  
Conc: 14.46 ng/ml



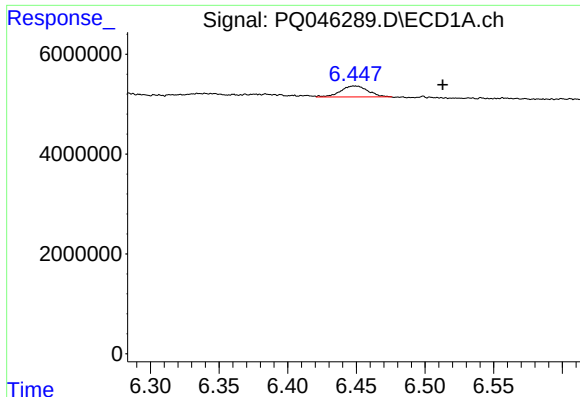
#2 Decachlorobiphenyl

R.T.: 11.349 min  
Delta R.T.: 0.014 min  
Response: 91978600  
Conc: 17.88 ng/ml



#2 Decachlorobiphenyl

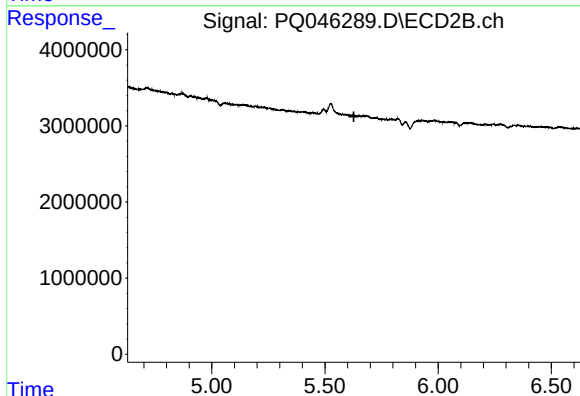
R.T.: 9.777 min  
Delta R.T.: 0.005 min  
Response: 83532806  
Conc: 16.38 ng/ml



#3 AR-1016-1

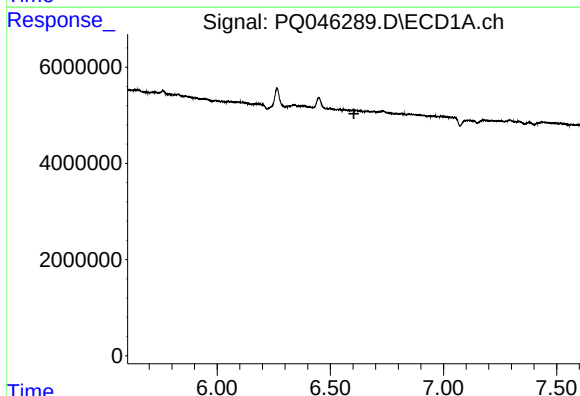
R.T.: 6.449 min  
Delta R.T.: -0.064 min  
Response: 3029310  
Conc: 13.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



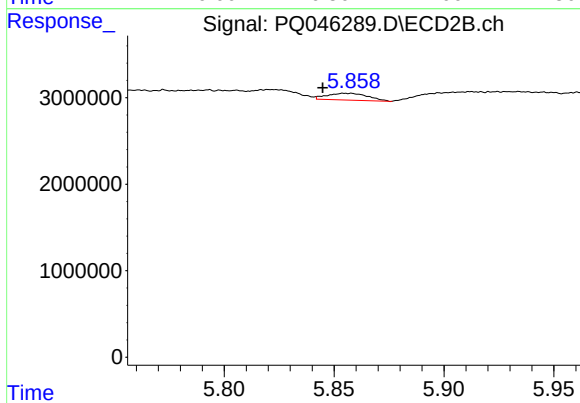
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.628 min  
Response: 0  
Conc: N.D.



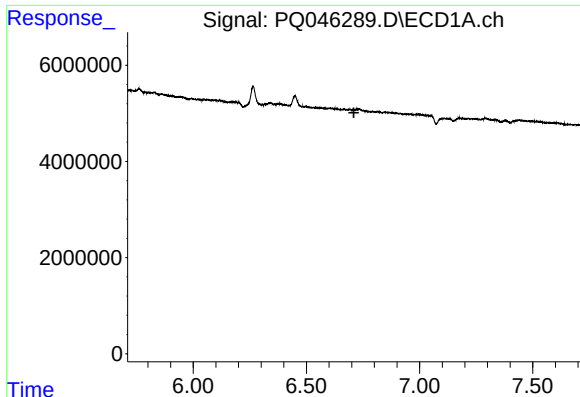
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 6.604 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

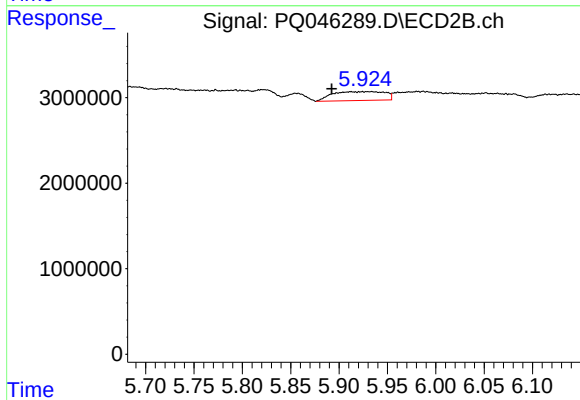
R.T.: 5.856 min  
Delta R.T.: 0.011 min  
Response: 1020786  
Conc: 12.40 ng/ml



#6 AR-1016-4

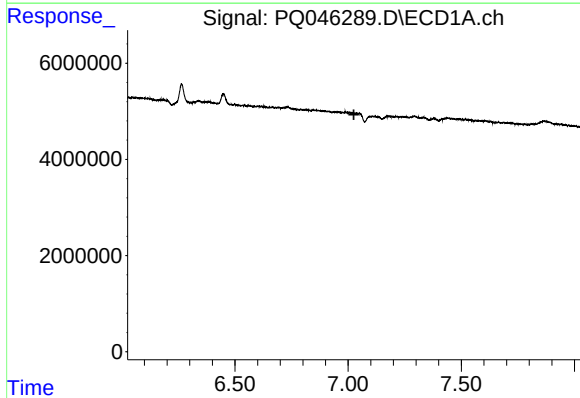
R.T.: 0.000 min  
Exp R.T.: 6.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



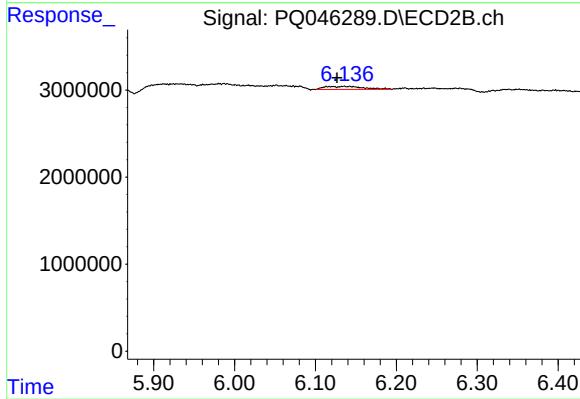
#6 AR-1016-4

R.T.: 5.913 min  
Delta R.T.: 0.020 min  
Response: 3908659  
Conc: 56.28 ng/ml



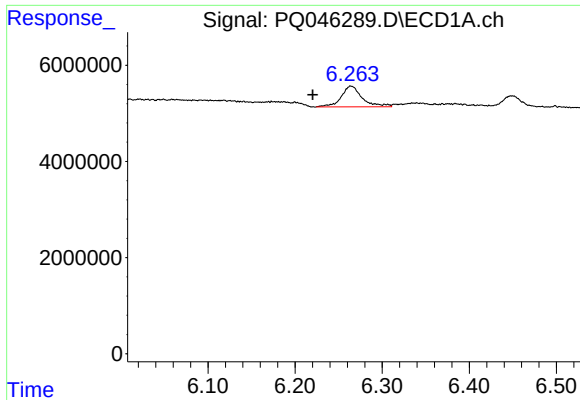
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 7.026 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

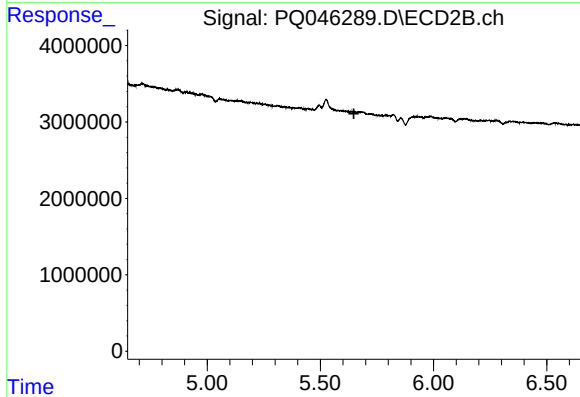
R.T.: 6.136 min  
Delta R.T.: 0.009 min  
Response: 1133573  
Conc: 11.91 ng/ml



#12 AR-1232-2

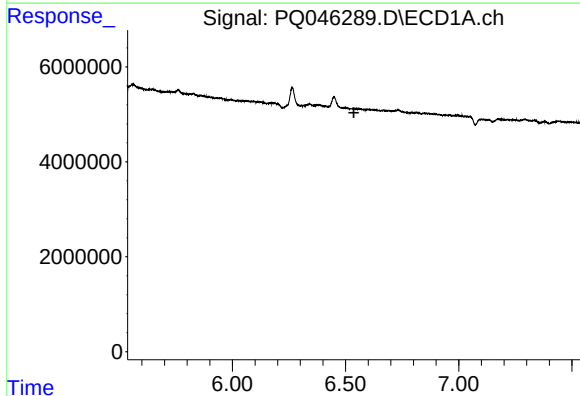
R.T.: 6.264 min  
Delta R.T.: 0.044 min  
Response: 7250310  
Conc: 91.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



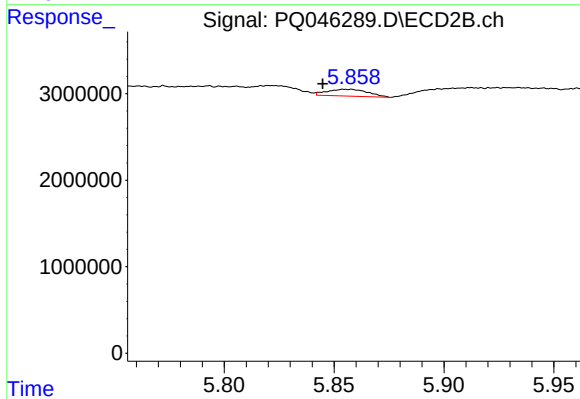
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.648 min  
Response: 0  
Conc: N.D.



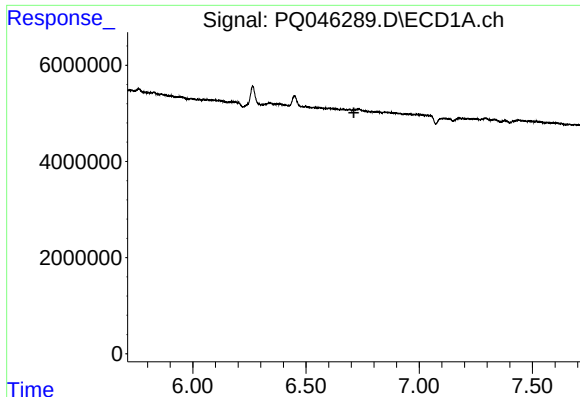
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 6.537 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

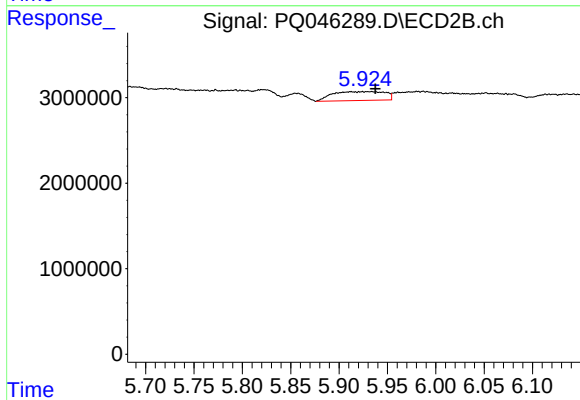
R.T.: 5.856 min  
Delta R.T.: 0.011 min  
Response: 1020786  
Conc: 26.61 ng/ml



#14 AR-1232-4

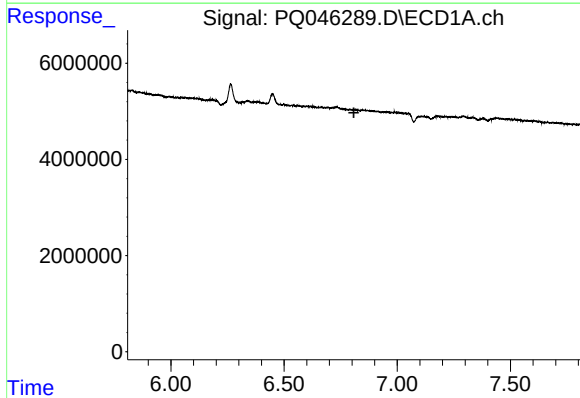
R.T.: 0.000 min  
Exp R.T.: 6.712 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



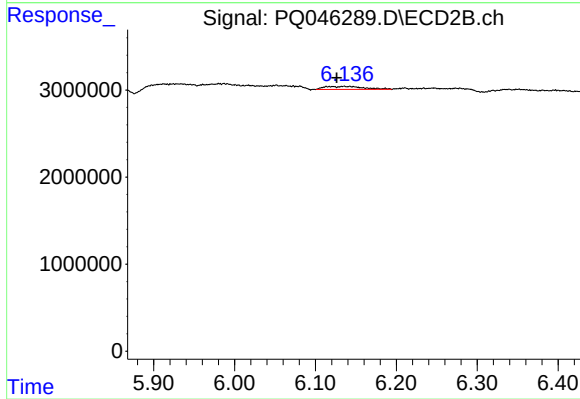
#14 AR-1232-4

R.T.: 5.913 min  
Delta R.T.: -0.025 min  
Response: 3908659  
Conc: 102.62 ng/ml



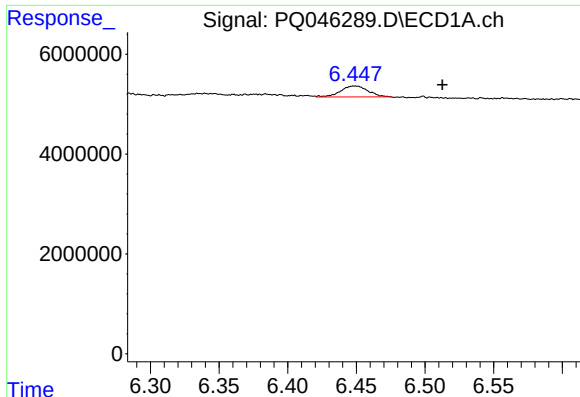
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 6.809 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

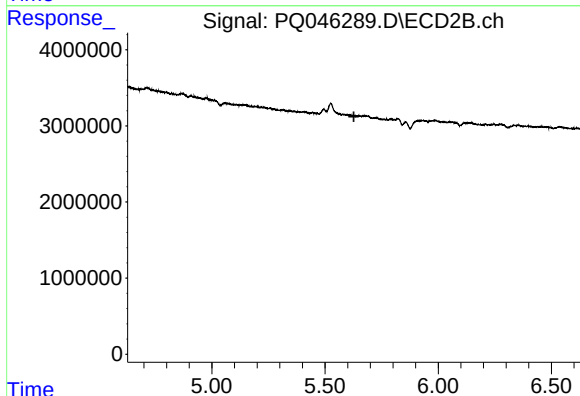
R.T.: 6.136 min  
Delta R.T.: 0.009 min  
Response: 1133573  
Conc: 26.12 ng/ml



#16 AR-1242-1

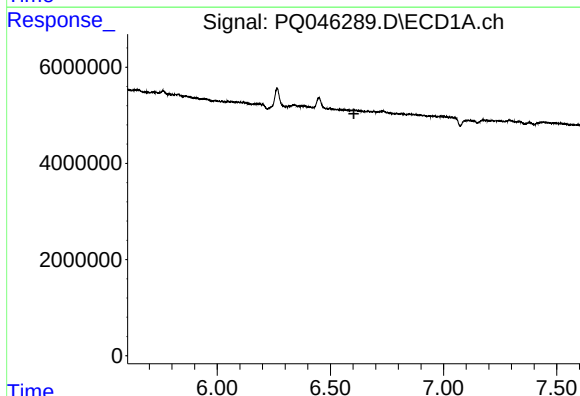
R.T.: 6.449 min  
Delta R.T.: -0.064 min  
Response: 3029310  
Conc: 17.85 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



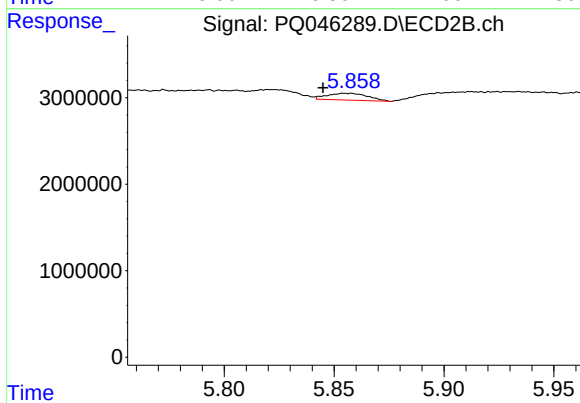
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.628 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

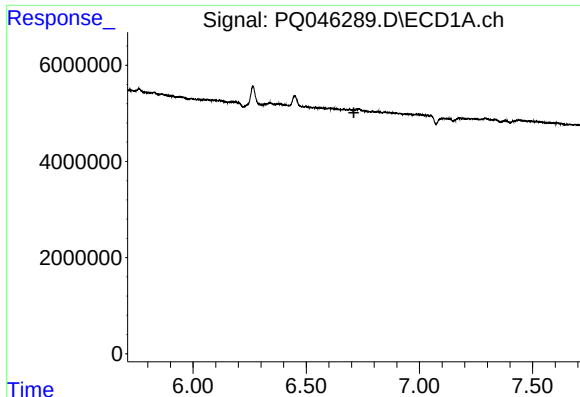
R.T.: 0.000 min  
Exp R.T. : 6.604 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

R.T.: 5.856 min  
Delta R.T.: 0.011 min  
Response: 1020786  
Conc: 15.52 ng/ml

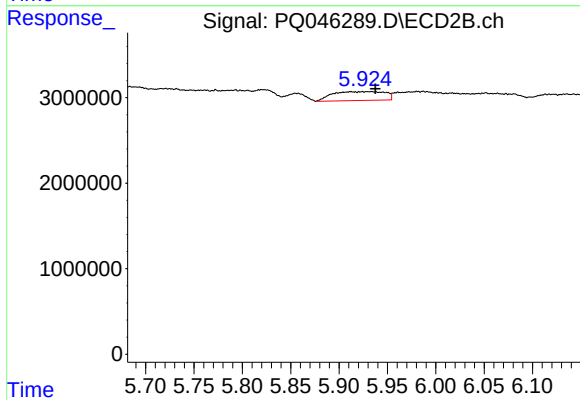




#19 AR-1242-4

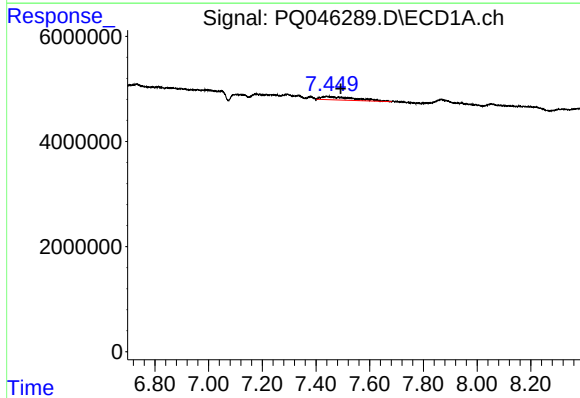
R.T.: 0.000 min  
Exp R.T.: 6.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



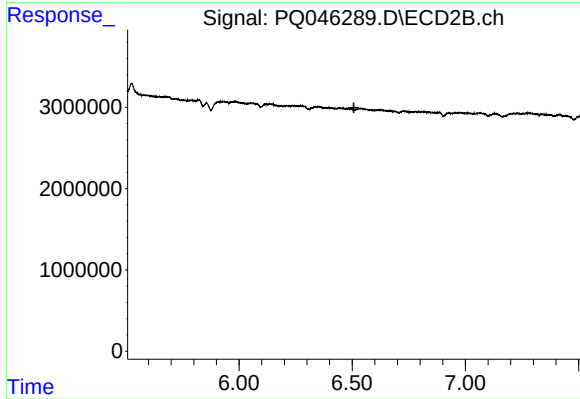
#19 AR-1242-4

R.T.: 5.913 min  
Delta R.T.: -0.025 min  
Response: 3908659  
Conc: 55.30 ng/ml



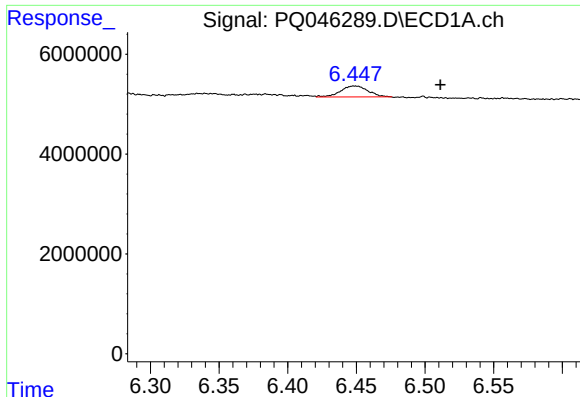
#20 AR-1242-5

R.T.: 7.439 min  
Delta R.T.: -0.053 min  
Response: 5403459  
Conc: 36.28 ng/ml



#20 AR-1242-5

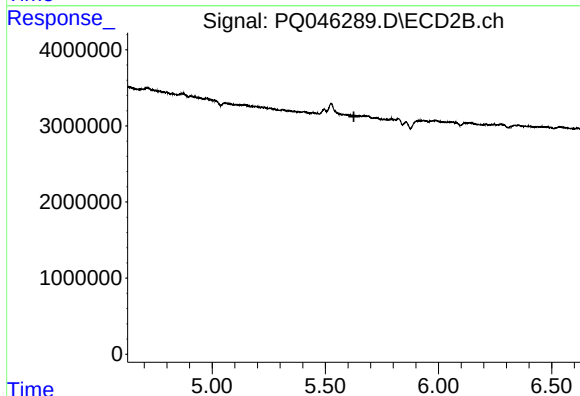
R.T.: 0.000 min  
Exp R.T.: 6.508 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

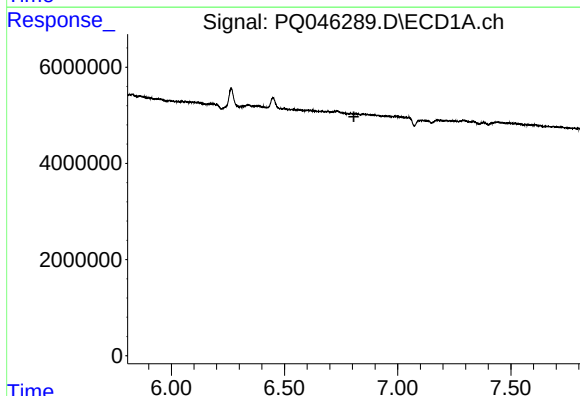
R.T.: 6.449 min  
Delta R.T.: -0.062 min  
Response: 3029310  
Conc: 18.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



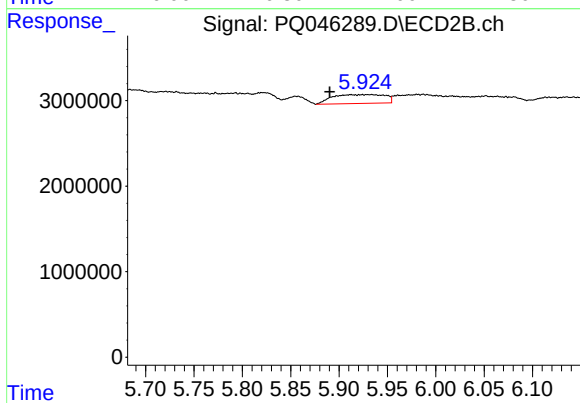
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.626 min  
Response: 0  
Conc: N.D.



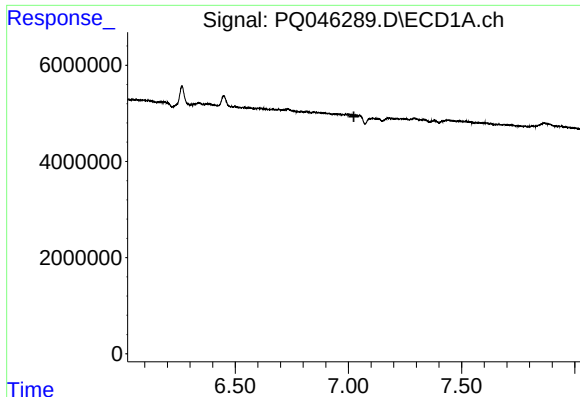
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.807 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

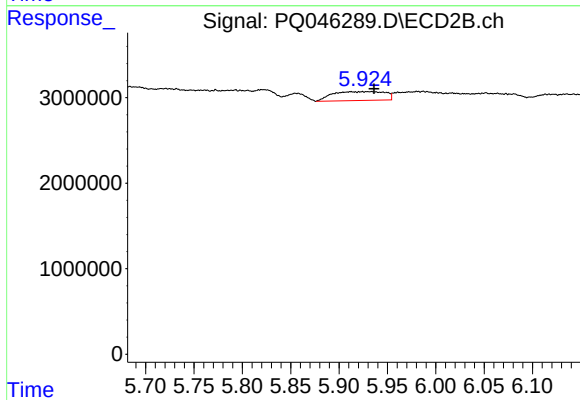
R.T.: 5.913 min  
Delta R.T.: 0.022 min  
Response: 3908659  
Conc: 34.15 ng/ml



#23 AR-1248-3

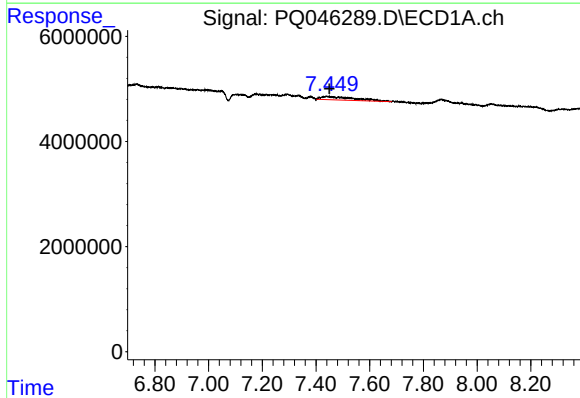
R.T.: 0.000 min  
Exp R.T.: 7.024 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



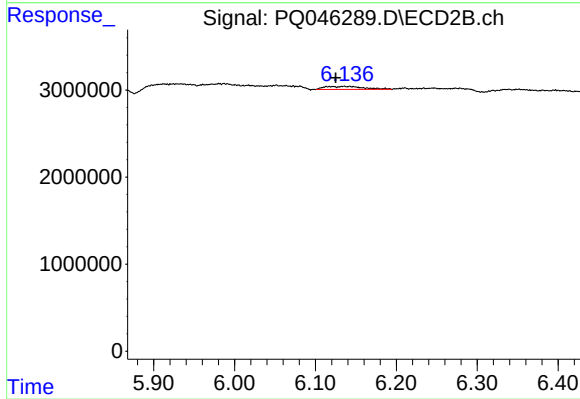
#23 AR-1248-3

R.T.: 5.913 min  
Delta R.T.: -0.023 min  
Response: 3908659  
Conc: 32.20 ng/ml



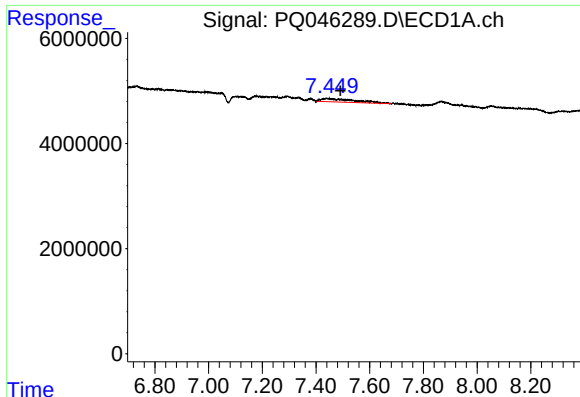
#24 AR-1248-4

R.T.: 7.439 min  
Delta R.T.: -0.012 min  
Response: 5403459  
Conc: 18.67 ng/ml



#24 AR-1248-4

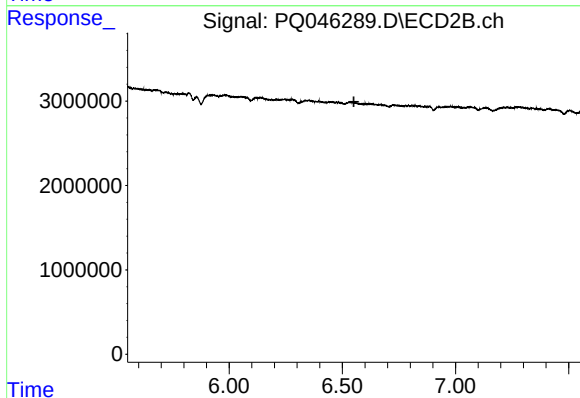
R.T.: 6.136 min  
Delta R.T.: 0.011 min  
Response: 1133573  
Conc: 7.54 ng/ml



#25 AR-1248-5

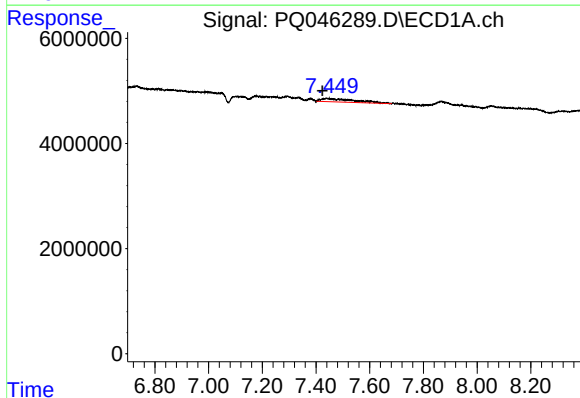
R.T.: 7.439 min  
Delta R.T.: -0.052 min  
Response: 5403459  
Conc: 18.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



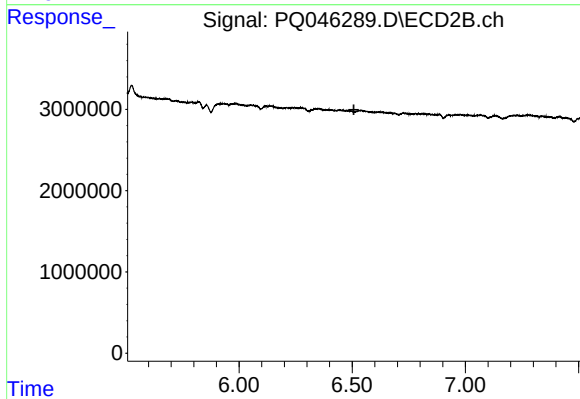
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.551 min  
Response: 0  
Conc: N.D.



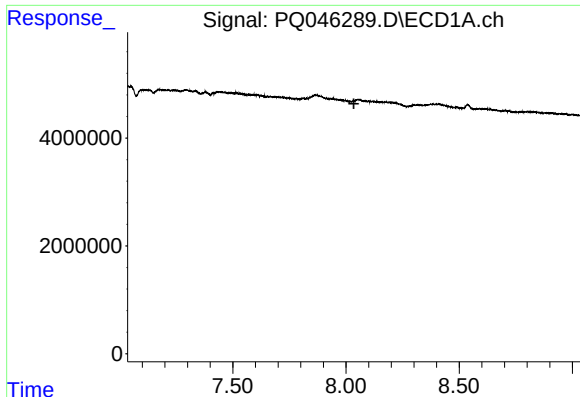
#26 AR-1254-1

R.T.: 7.439 min  
Delta R.T.: 0.016 min  
Response: 5403459  
Conc: 18.17 ng/ml



#26 AR-1254-1

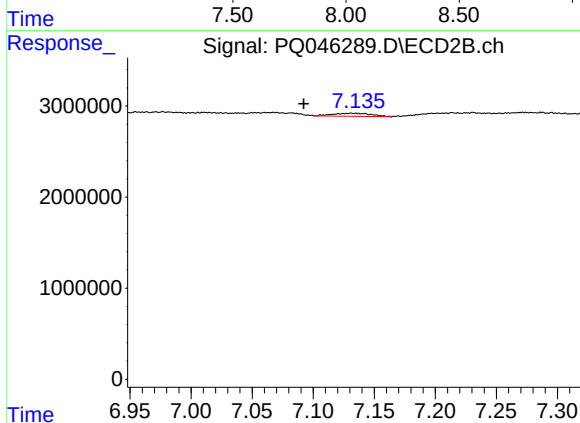
R.T.: 0.000 min  
Exp R.T. : 6.507 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

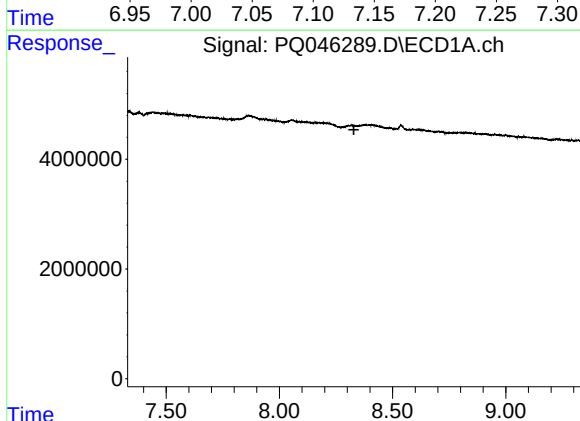
R.T.: 0.000 min  
Exp R.T.: 8.035 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



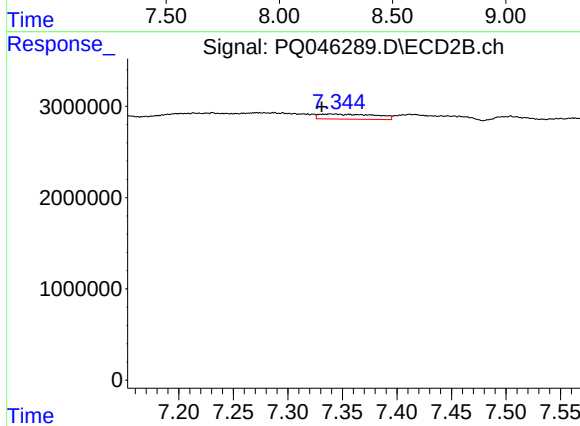
#28 AR-1254-3

R.T.: 7.132 min  
Delta R.T.: 0.040 min  
Response: 740334  
Conc: 2.16 ng/ml



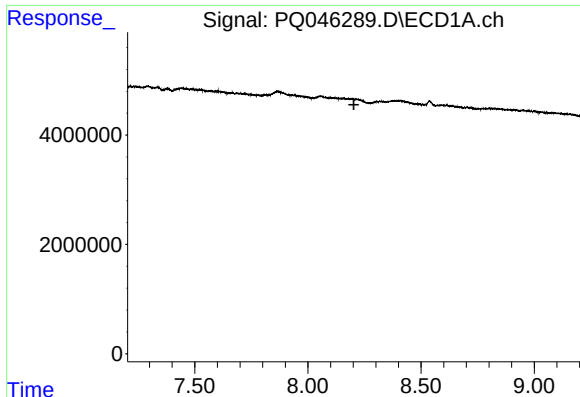
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 8.329 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

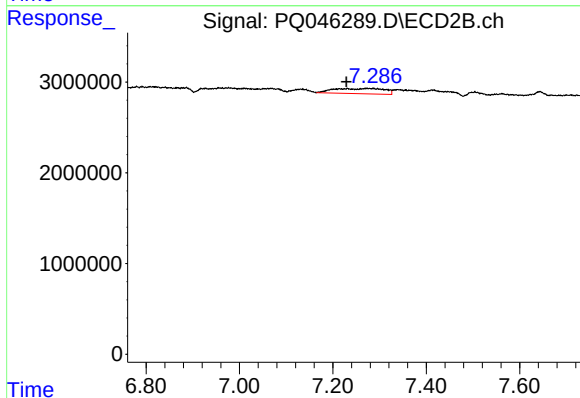
R.T.: 7.340 min  
Delta R.T.: 0.009 min  
Response: 2024312  
Conc: 9.45 ng/ml



#31 AR-1260-1

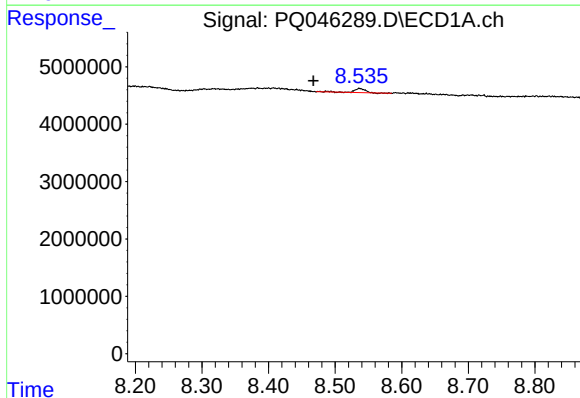
R.T.: 0.000 min  
Exp R.T.: 8.203 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



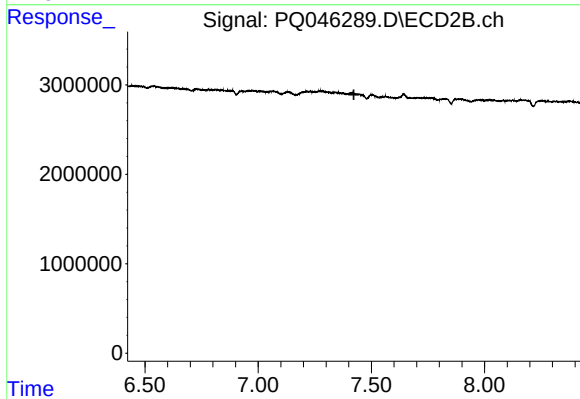
#31 AR-1260-1

R.T.: 7.230 min  
Delta R.T.: 0.001 min  
Response: 4411293  
Conc: 21.78 ng/ml



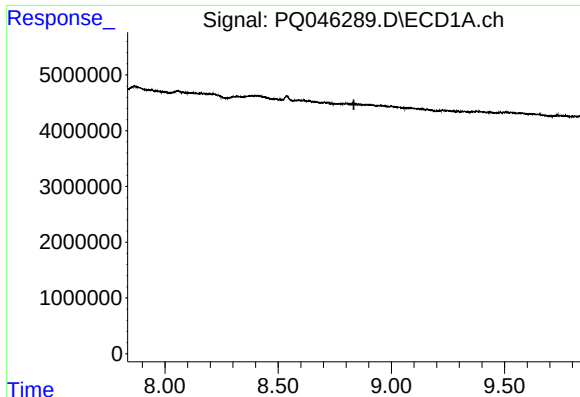
#32 AR-1260-2

R.T.: 8.537 min  
Delta R.T.: 0.070 min  
Response: 808430  
Conc: 2.36 ng/ml



#32 AR-1260-2

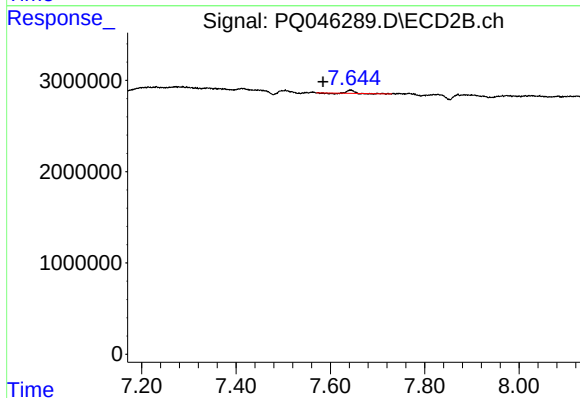
R.T.: 0.000 min  
Exp R.T.: 7.423 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

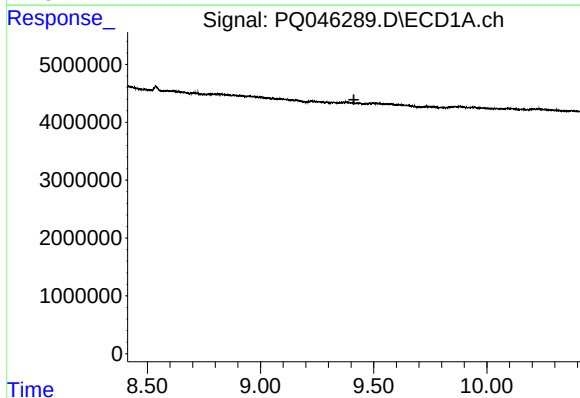
R.T.: 0.000 min  
Exp R.T.: 8.835 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



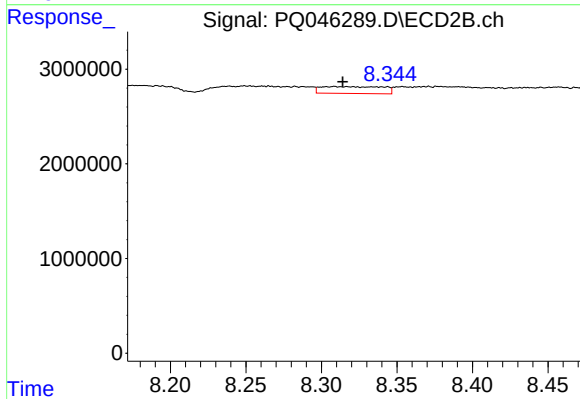
#33 AR-1260-3

R.T.: 7.643 min  
Delta R.T.: 0.059 min  
Response: 275901  
Conc: 1.21 ng/ml



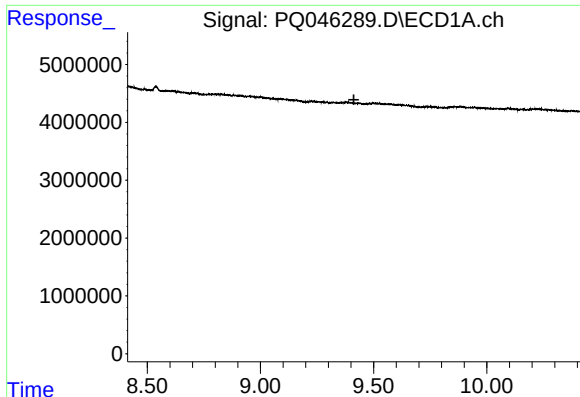
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 9.413 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

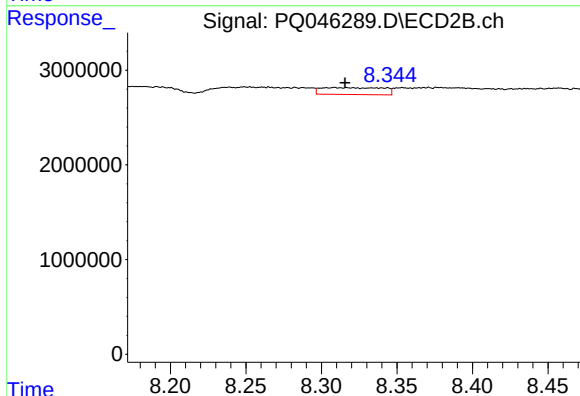
R.T.: 8.310 min  
Delta R.T.: -0.004 min  
Response: 2065073  
Conc: 3.95 ng/ml



#37 AR-1262-2

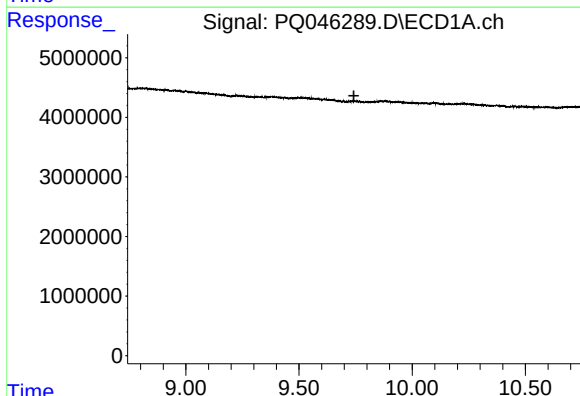
R.T.: 0.000 min  
Exp R.T.: 9.413 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



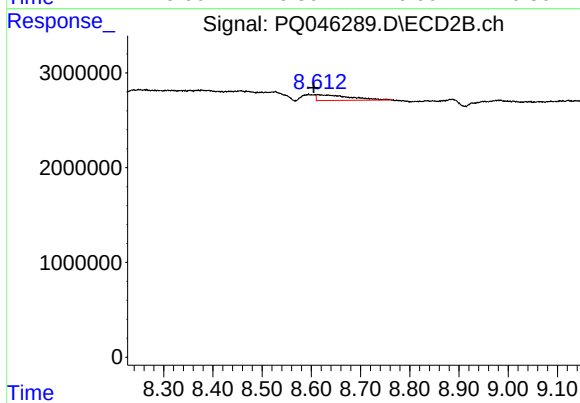
#37 AR-1262-2

R.T.: 8.310 min  
Delta R.T.: -0.006 min  
Response: 2065073  
Conc: 3.17 ng/ml



#38 AR-1262-3

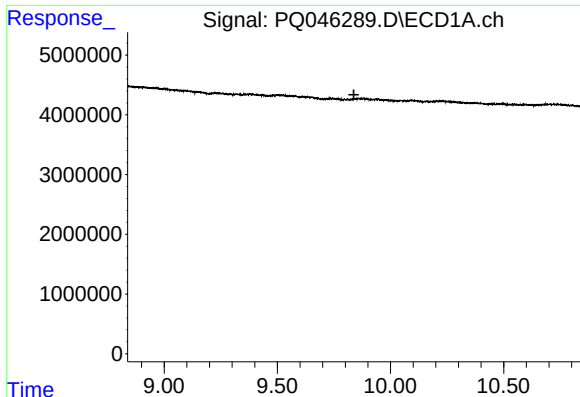
R.T.: 0.000 min  
Exp R.T.: 9.743 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

R.T.: 8.614 min  
Delta R.T.: 0.009 min  
Response: 2690106  
Conc: 10.74 ng/ml

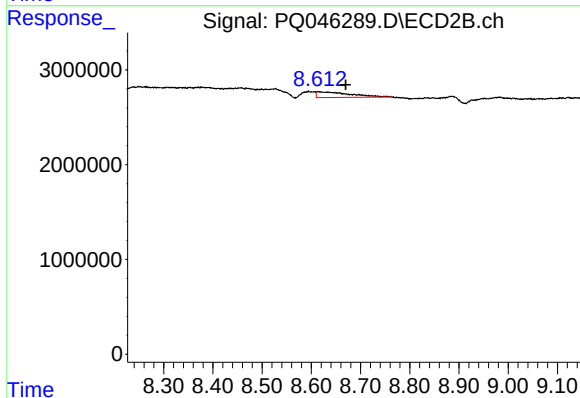




#39 AR-1262-4

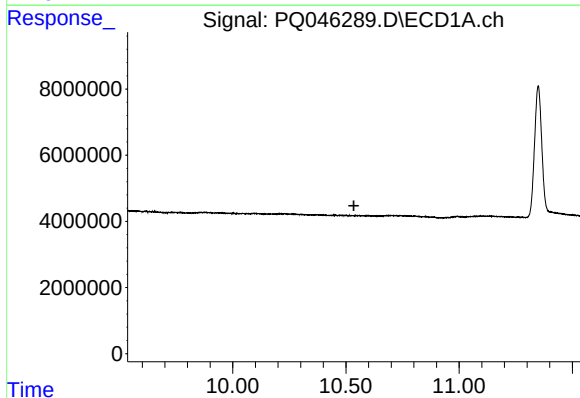
R.T.: 0.000 min  
Exp R.T. : 9.838 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



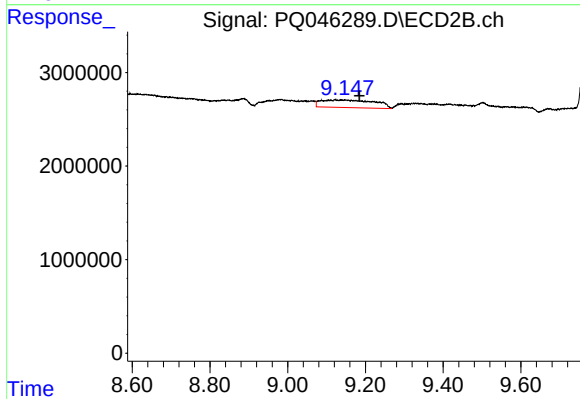
#39 AR-1262-4

R.T.: 8.614 min  
Delta R.T.: -0.056 min  
Response: 2690106  
Conc: 5.55 ng/ml



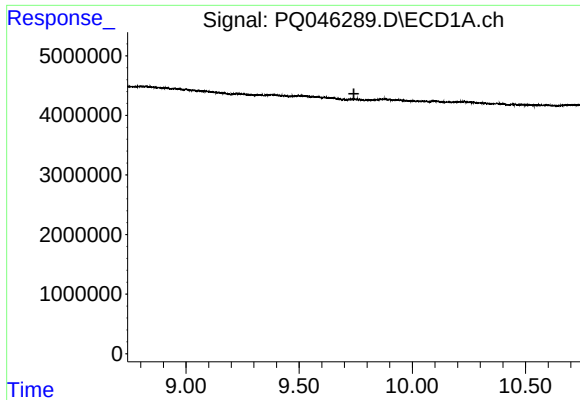
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 10.535 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

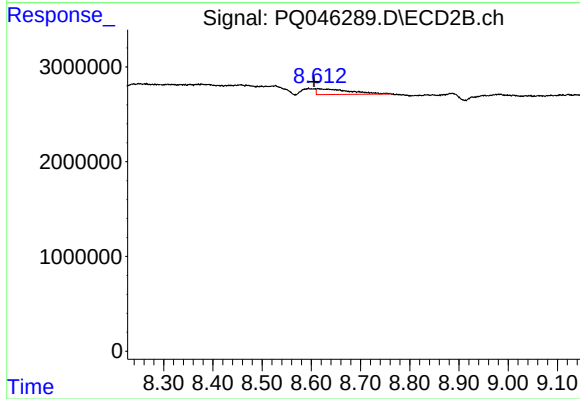
R.T.: 9.123 min  
Delta R.T.: -0.062 min  
Response: 7845978  
Conc: 33.85 ng/ml



#41 AR-1268-1

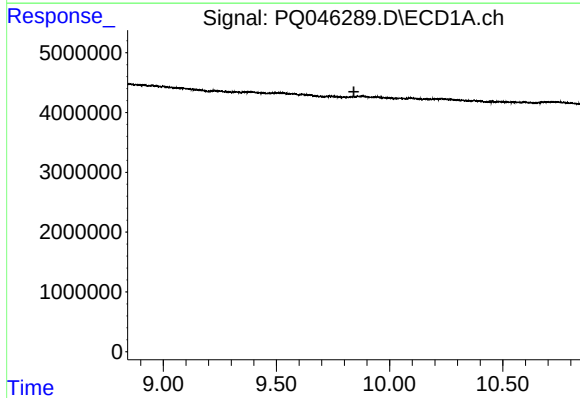
R.T.: 0.000 min  
Exp R.T.: 9.742 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



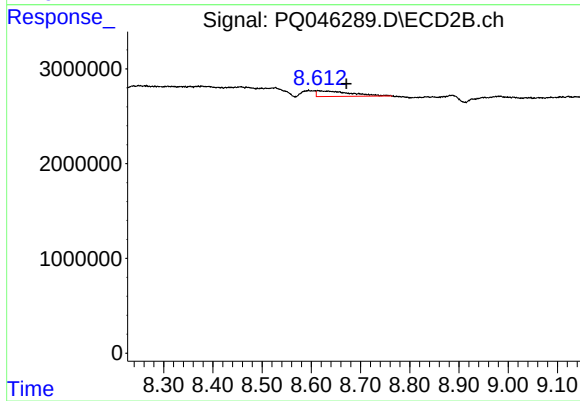
#41 AR-1268-1

R.T.: 8.614 min  
Delta R.T.: 0.008 min  
Response: 2690106  
Conc: 3.48 ng/ml



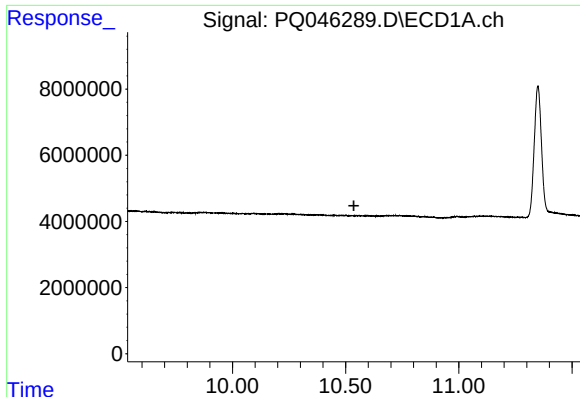
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.842 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

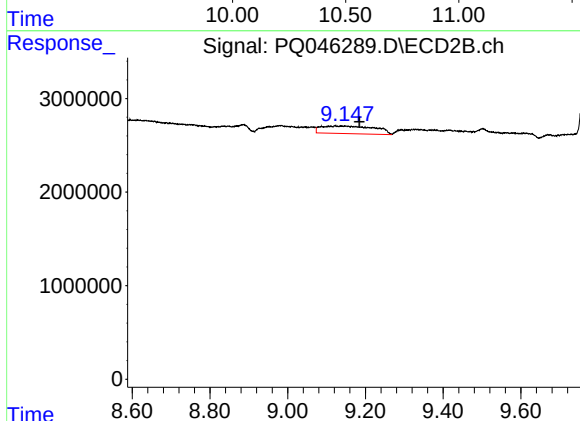
R.T.: 8.614 min  
Delta R.T.: -0.057 min  
Response: 2690106  
Conc: 3.71 ng/ml



#44 AR-1268-4

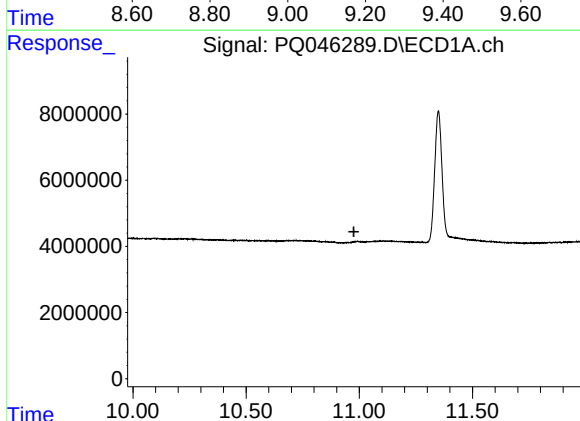
R.T.: 0.000 min  
Exp R.T. : 10.536 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
PB126454BL



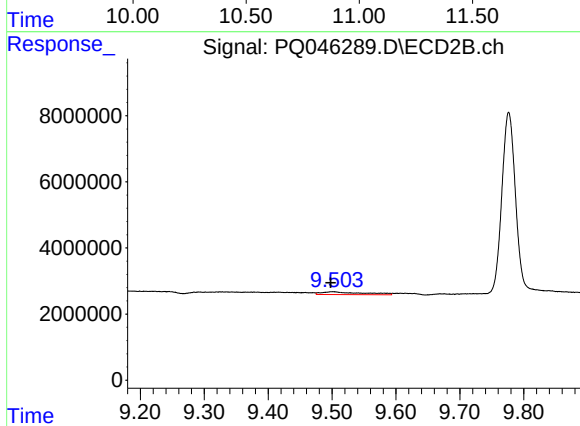
#44 AR-1268-4

R.T.: 9.123 min  
Delta R.T.: -0.062 min  
Response: 7845978  
Conc: 29.18 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 10.976 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.501 min  
Delta R.T.: 0.003 min  
Response: 3875027  
Conc: 1.78 ng/ml