

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101518\  
 Data File : PQ033197.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Oct 2018 06:49  
 Operator : SM\SJ  
 Sample : MDL-AR1268-W-2  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 07:23:54 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ100918CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 10 08:14:42 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|----------|
| -----                       |                 |        |       |          |          |         |          |
| System Monitoring Compounds |                 |        |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 4.571  | 3.851 | 42110819 | 32485102 | 20.527  | 20.886   |
| 2)                          | SA Decachlor... | 10.403 | 8.903 | 76600038 | 66428943 | 40.523  | 41.323   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.180 | 0        | 33488    | N.D.    | 0.807 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.180 | 0        | 33488    | N.D.    | 0.977 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.366 | 0        | 45644    | N.D.    | 0.999 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.154 | 0        | 309957   | N.D.    | 23.434 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.180 | 0        | 33488    | N.D.    | 1.710 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.180 | 0        | 33488    | N.D.    | 1.951 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.366 | 0        | 45644    | N.D.    | 2.341 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.180 | 0        | 33488    | N.D.    | 0.914 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.180 | 0        | 33488    | N.D.    | 0.909 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.748 | 0        | 94521    | N.D.    | 1.968 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.180 | 0        | 33488    | N.D.    | 0.610 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.180 | 0        | 33488    | N.D.    | 0.598 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.366 | 0        | 45644    | N.D.    | 0.662 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.848 | 0        | 55456    | N.D.    | 0.802 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.748 | 0        | 94521    | N.D.    | 0.839 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.848 | 0        | 55456    | N.D.    | 0.562 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.533 | 0        | 18090    | N.D.    | 0.170 #  |
| 30)                         | L6 AR-1254-5    | 7.969  | 6.944 | 1652302  | 37806    | 12.482  | 0.257 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.611 | 0        | 13518    | N.D.    | 0.116 #  |
| 33)                         | L7 AR-1260-3    | 7.969  | 6.767 | 1652302  | 65536    | 21.213  | 0.608 #  |
| 34)                         | L7 AR-1260-4    | 8.218  | 7.237 | 2011072  | 1830374  | 19.867  | 23.811   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.481 | 0        | 841111   | N.D.    | 4.378 #  |
| 36)                         | L8 AR-1262-1    | 7.969  | 6.980 | 1652302  | 1485469  | 12.258  | 11.559   |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.481 | 0        | 841111   | N.D.    | 3.511 #  |
| 38)                         | L8 AR-1262-3    | 8.851  | 7.763 | 7824495  | 7488080  | 47.304  | 80.389 # |
| 39)                         | L8 AR-1262-4    | 8.948  | 7.829 | 7070006  | 6922903  | 103.740 | 39.765 # |
| 40)                         | L8 AR-1262-5    | 9.627  | 8.332 | 2604589  | 1953077  | 29.770  | 24.203   |
| 41)                         | L9 AR-1268-1    | 8.851  | 7.763 | 7824495  | 7488080  | 21.336  | 21.902   |
| 42)                         | L9 AR-1268-2    | 8.948  | 7.829 | 7070006  | 6922903  | 21.213  | 22.403   |
| 43)                         | L9 AR-1268-3    | 9.185  | 8.036 | 5959957  | 5630941  | 21.148  | 22.010   |
| 44)                         | L9 AR-1268-4    | 9.627  | 8.332 | 2604589  | 1953077  | 21.558  | 17.706   |
| 45)                         | L9 AR-1268-5    | 10.056 | 8.637 | 18616594 | 17098234 | 20.134  | 20.442   |
| -----                       |                 |        |       |          |          |         |          |

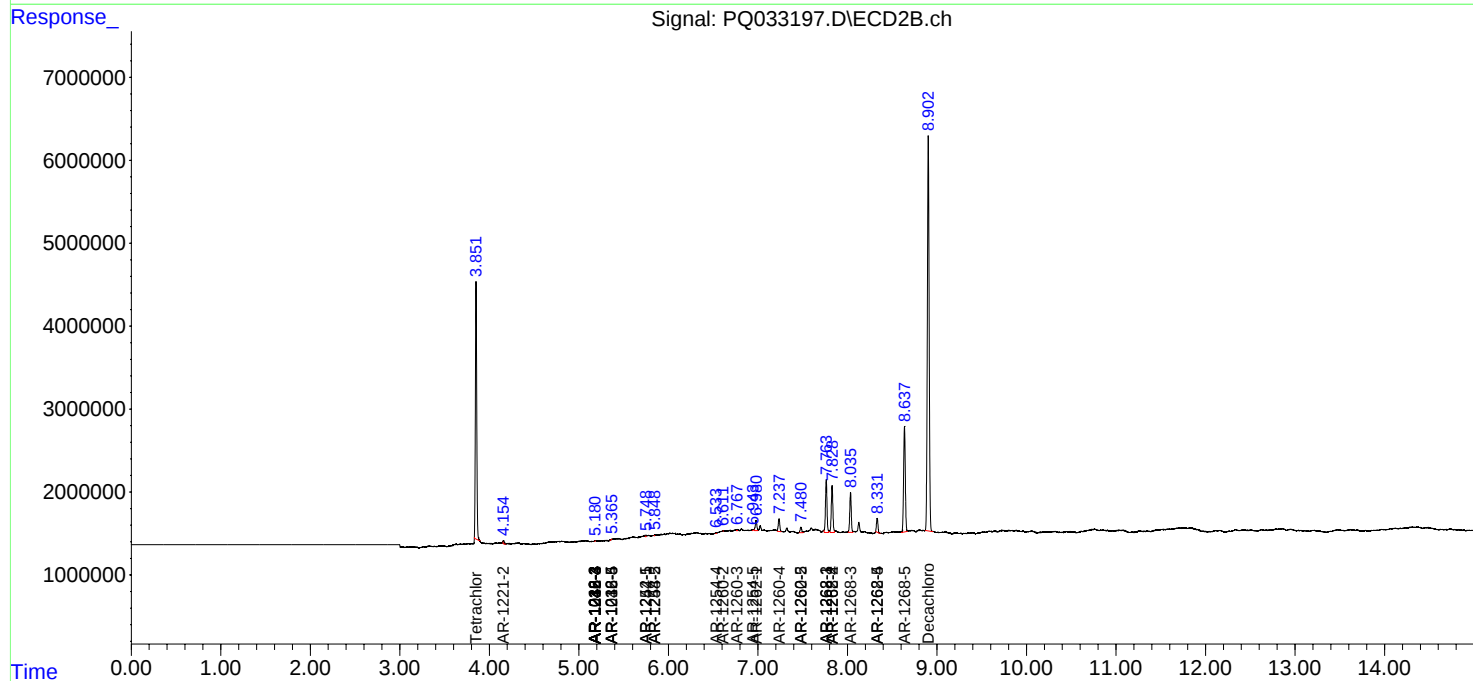
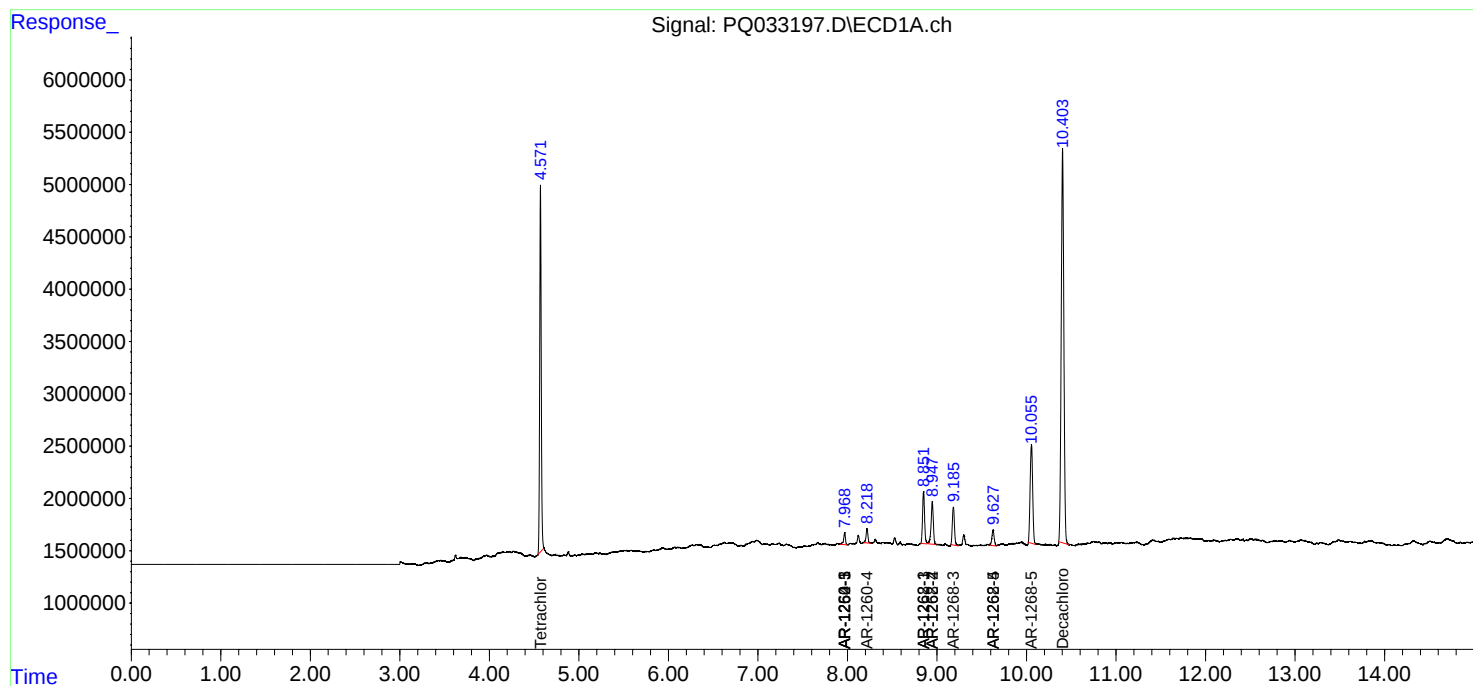
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

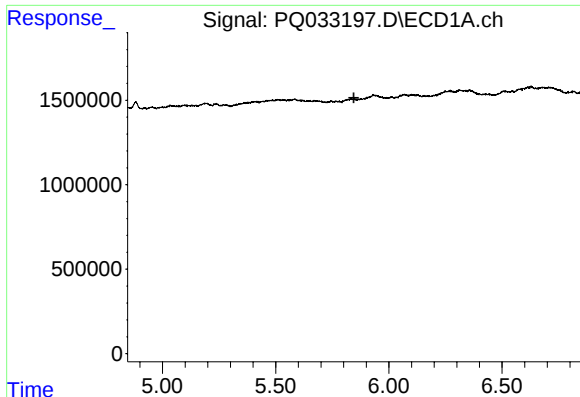
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101518\  
Data File : PQ033197.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Oct 2018 06:49  
Operator : SM\SJ  
Sample : MDL-AR1268-W-2  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 07:23:54 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ100918CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 10 08:14:42 2018  
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

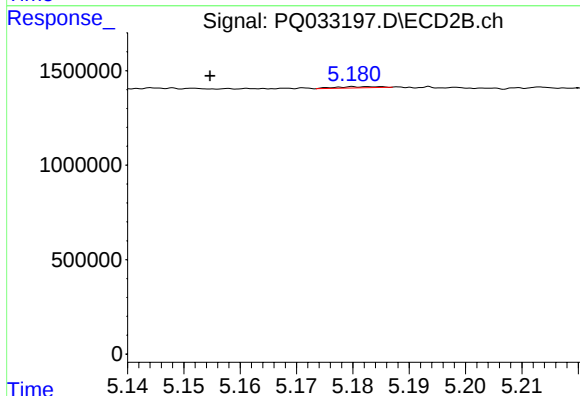




#5 AR-1016-3

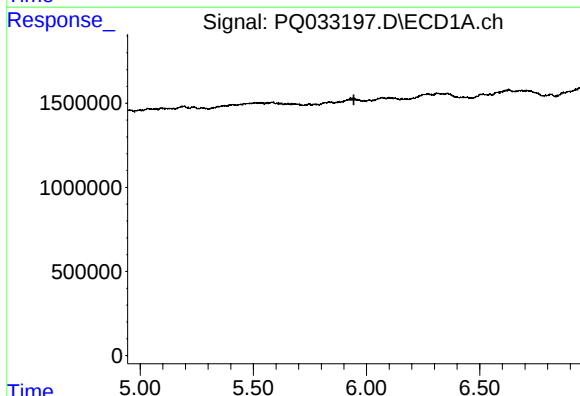
R.T.: 0.000 min  
Exp R.T.: 5.845 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



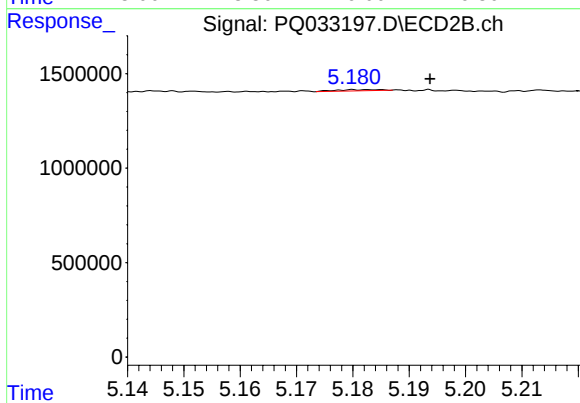
#5 AR-1016-3

R.T.: 5.180 min  
Delta R.T.: 0.025 min  
Response: 33488  
Conc: 0.81 ng/ml



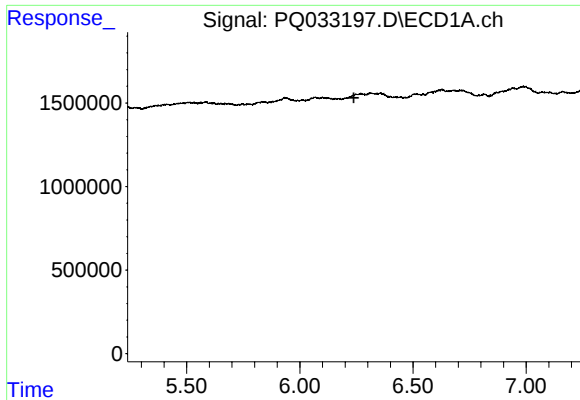
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.944 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

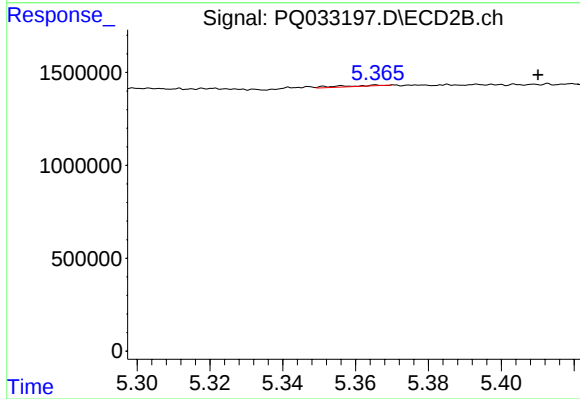
R.T.: 5.180 min  
Delta R.T.: -0.014 min  
Response: 33488  
Conc: 0.98 ng/ml



#7 AR-1016-5

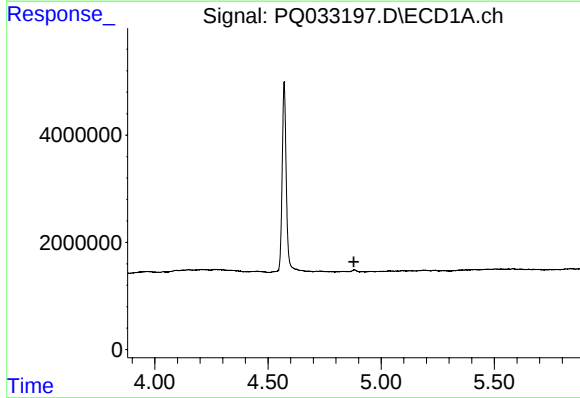
R.T.: 0.000 min  
Exp R.T.: 6.238 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



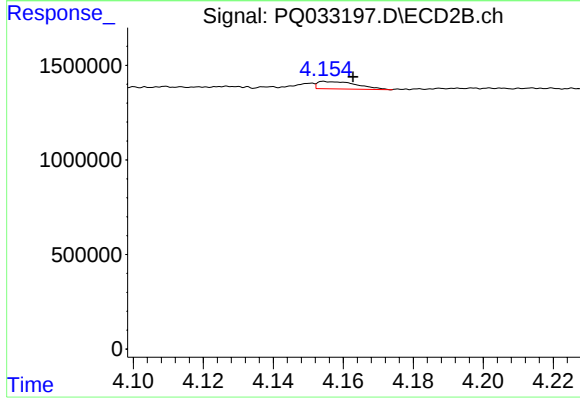
#7 AR-1016-5

R.T.: 5.366 min  
Delta R.T.: -0.044 min  
Response: 45644  
Conc: 1.00 ng/ml



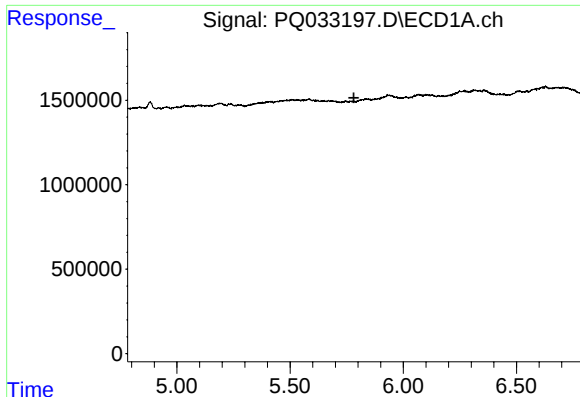
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 4.879 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

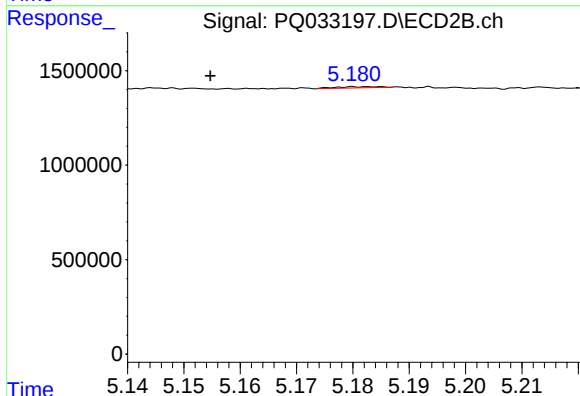
R.T.: 4.154 min  
Delta R.T.: -0.008 min  
Response: 309957  
Conc: 23.43 ng/ml



#13 AR-1232-3

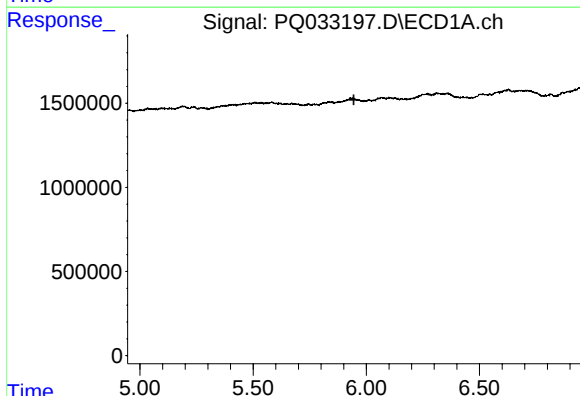
R.T.: 0.000 min  
Exp R.T. : 5.782 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



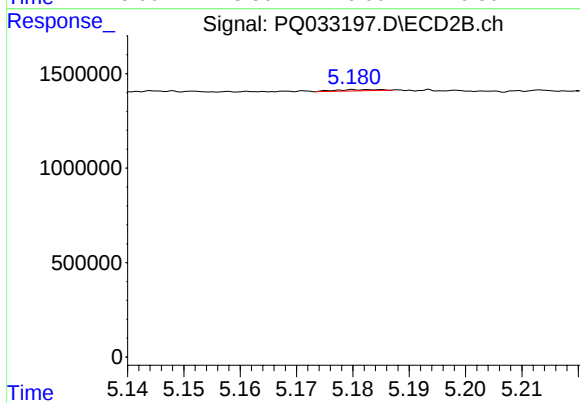
#13 AR-1232-3

R.T.: 5.180 min  
Delta R.T.: 0.025 min  
Response: 33488  
Conc: 1.71 ng/ml



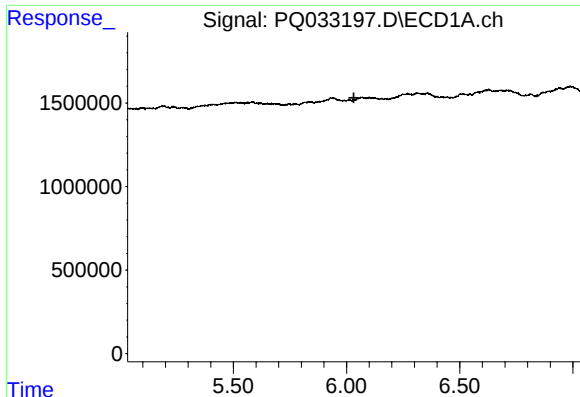
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.945 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

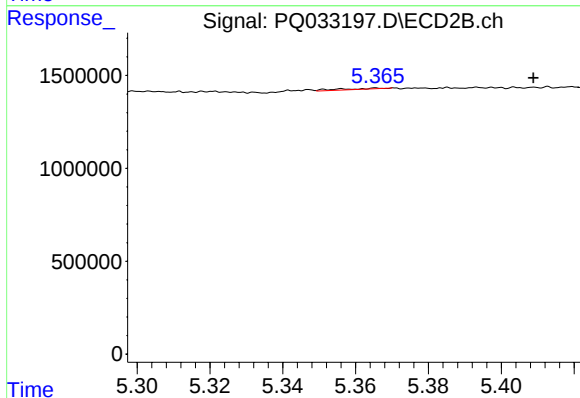
R.T.: 5.180 min  
Delta R.T.: -0.055 min  
Response: 33488  
Conc: 1.95 ng/ml



#15 AR-1232-5

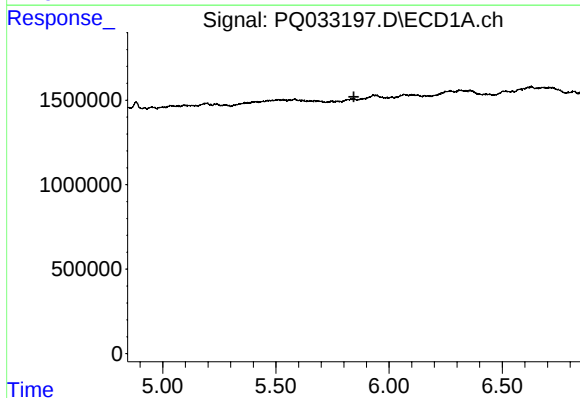
R.T.: 0.000 min  
Exp R.T.: 6.032 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



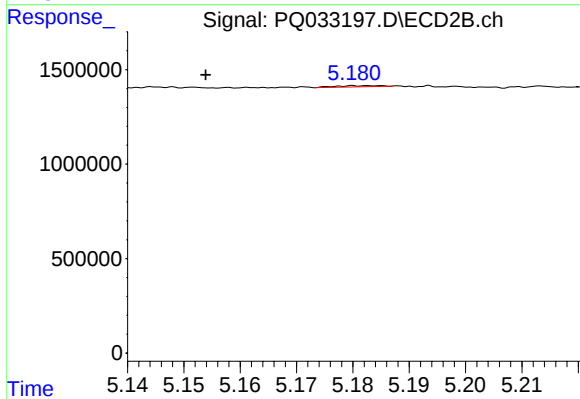
#15 AR-1232-5

R.T.: 5.366 min  
Delta R.T.: -0.043 min  
Response: 45644  
Conc: 2.34 ng/ml



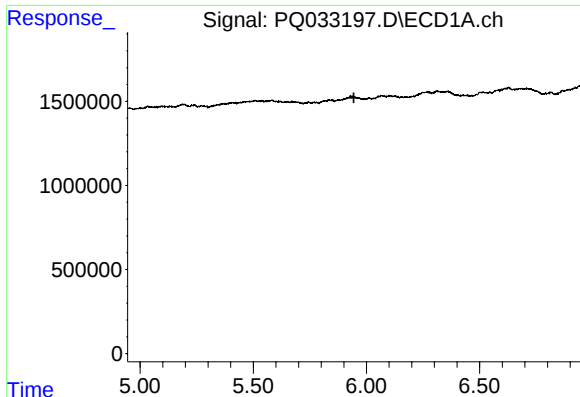
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.844 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

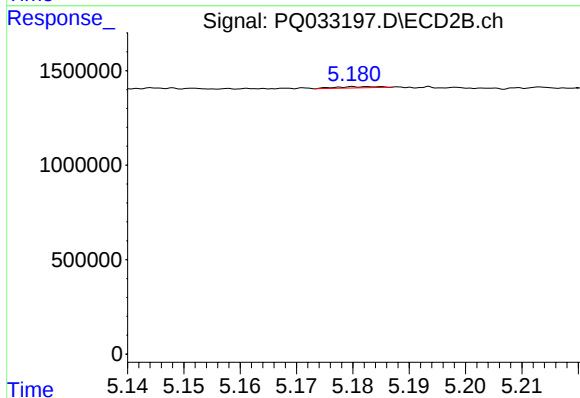
R.T.: 5.180 min  
Delta R.T.: 0.026 min  
Response: 33488  
Conc: 0.91 ng/ml



#19 AR-1242-4

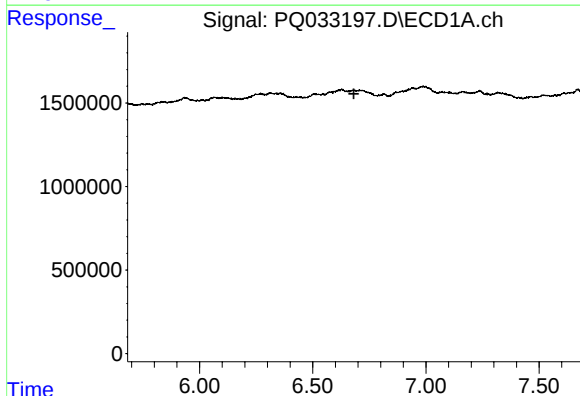
R.T.: 0.000 min  
Exp R.T.: 5.944 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



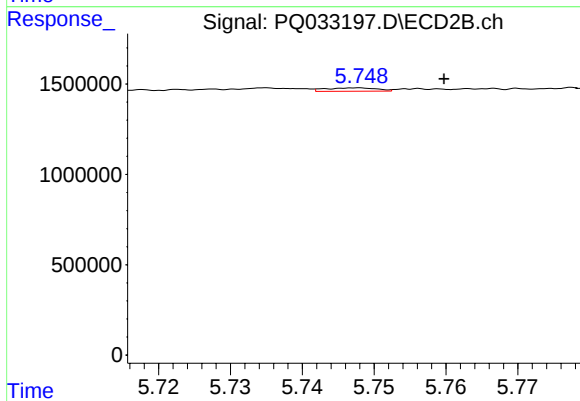
#19 AR-1242-4

R.T.: 5.180 min  
Delta R.T.: -0.055 min  
Response: 33488  
Conc: 0.91 ng/ml



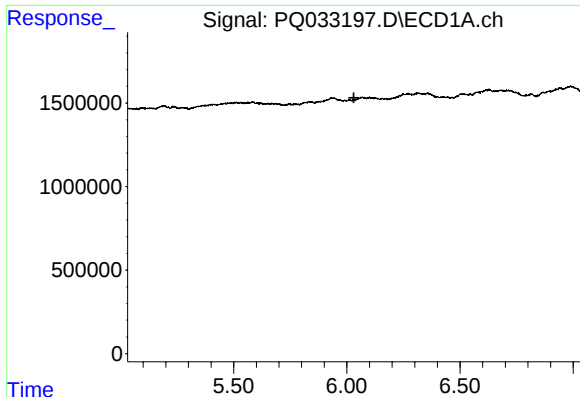
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.682 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

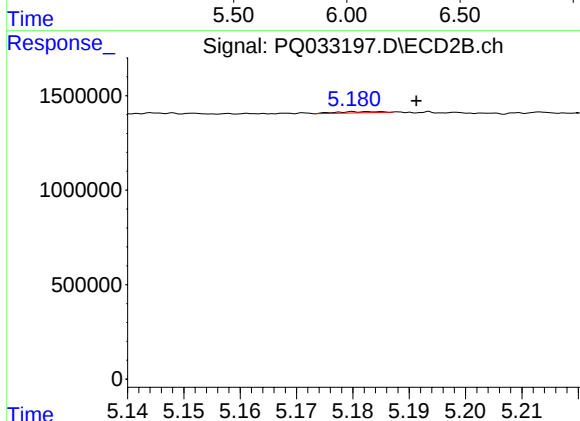
R.T.: 5.748 min  
Delta R.T.: -0.012 min  
Response: 94521  
Conc: 1.97 ng/ml



#22 AR-1248-2

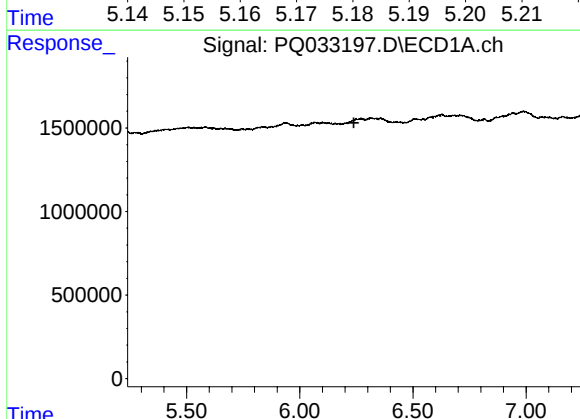
R.T.: 0.000 min  
Exp R.T.: 6.031 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



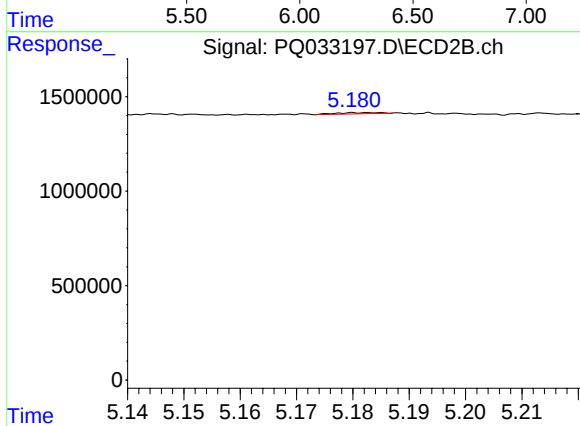
#22 AR-1248-2

R.T.: 5.180 min  
Delta R.T.: -0.011 min  
Response: 33488  
Conc: 0.61 ng/ml



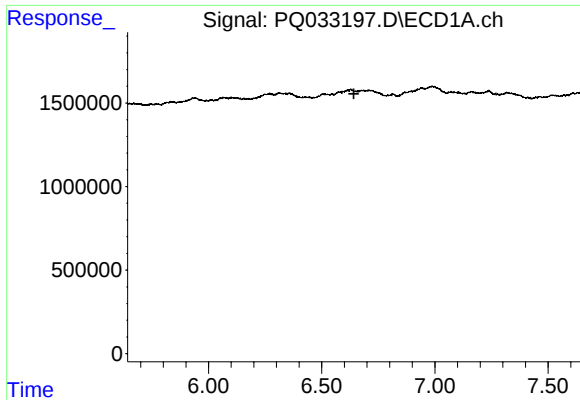
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.239 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

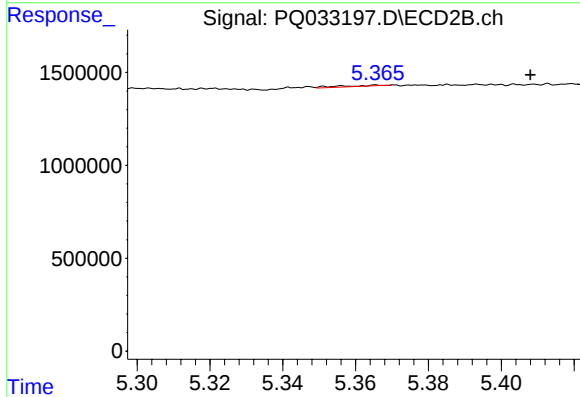
R.T.: 5.180 min  
Delta R.T.: -0.054 min  
Response: 33488  
Conc: 0.60 ng/ml



#24 AR-1248-4

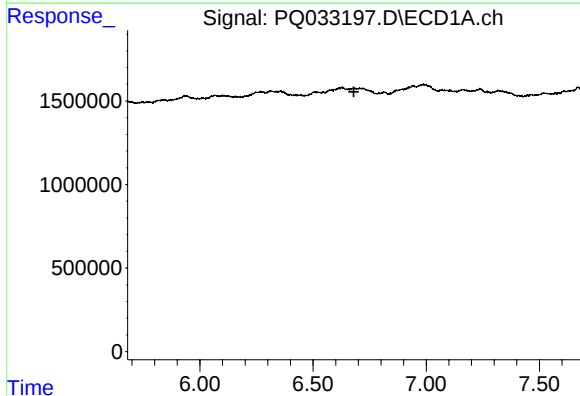
R.T.: 0.000 min  
Exp R.T.: 6.642 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



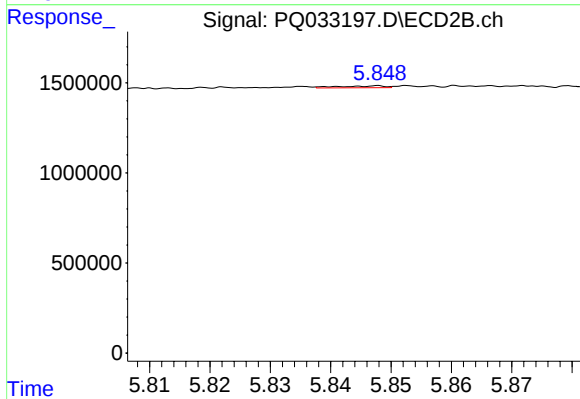
#24 AR-1248-4

R.T.: 5.366 min  
Delta R.T.: -0.042 min  
Response: 45644  
Conc: 0.66 ng/ml



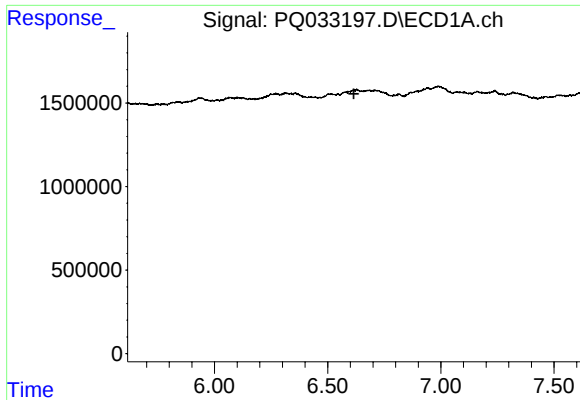
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.680 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

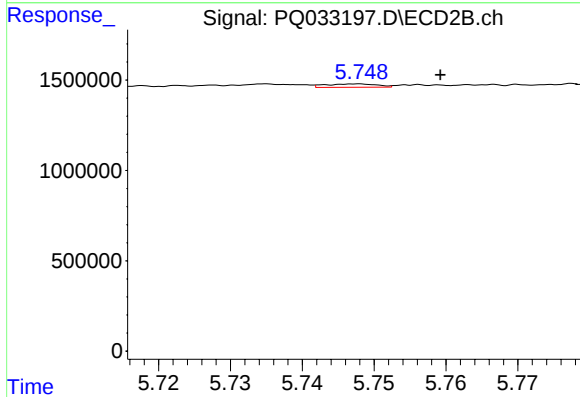
R.T.: 5.848 min  
Delta R.T.: 0.046 min  
Response: 55456  
Conc: 0.80 ng/ml



#26 AR-1254-1

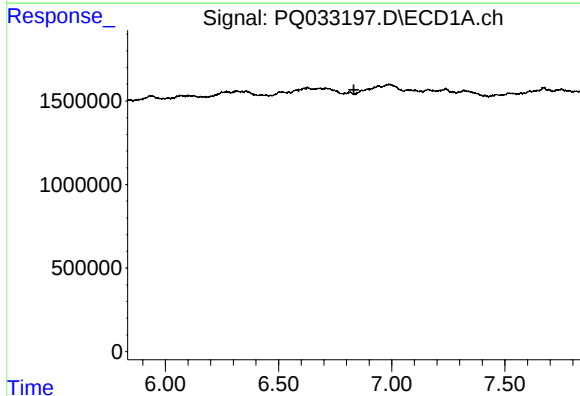
R.T.: 0.000 min  
Exp R.T. : 6.615 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



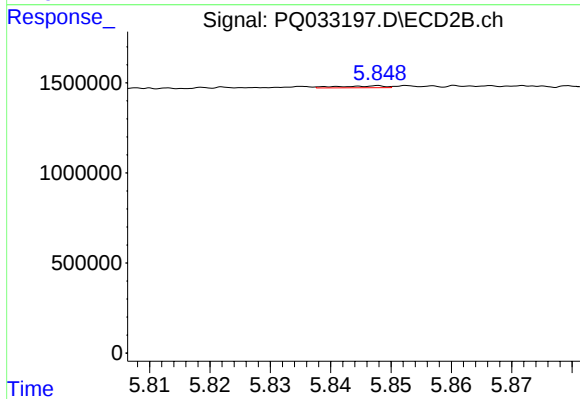
#26 AR-1254-1

R.T.: 5.748 min  
Delta R.T.: -0.011 min  
Response: 94521  
Conc: 0.84 ng/ml



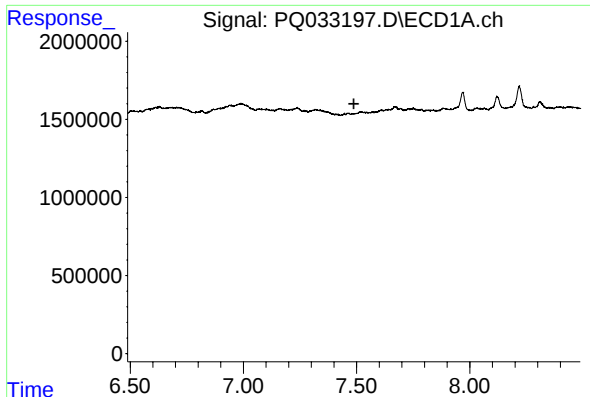
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 6.833 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

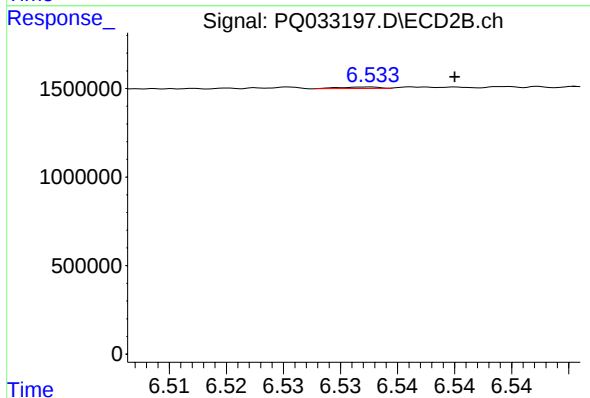
R.T.: 5.848 min  
Delta R.T.: -0.057 min  
Response: 55456  
Conc: 0.56 ng/ml



#29 AR-1254-4

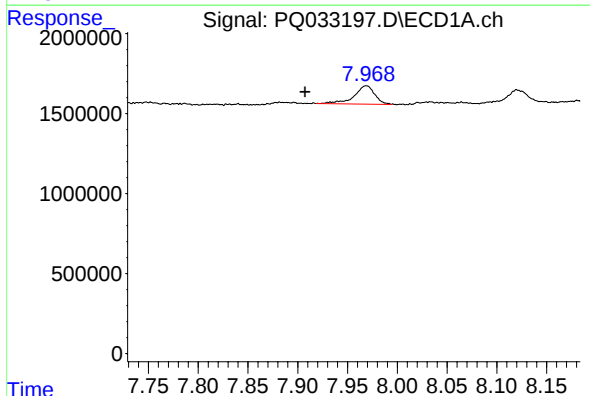
R.T.: 0.000 min  
Exp R.T.: 7.488 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



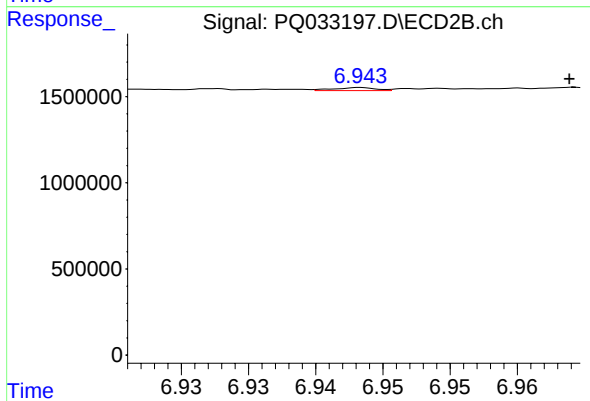
#29 AR-1254-4

R.T.: 6.533 min  
Delta R.T.: -0.007 min  
Response: 18090  
Conc: 0.17 ng/ml



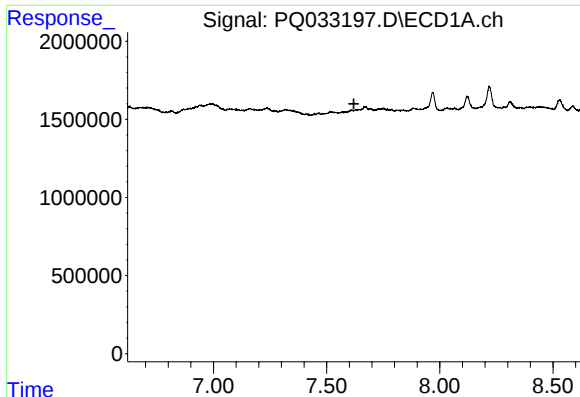
#30 AR-1254-5

R.T.: 7.969 min  
Delta R.T.: 0.061 min  
Response: 1652302  
Conc: 12.48 ng/ml



#30 AR-1254-5

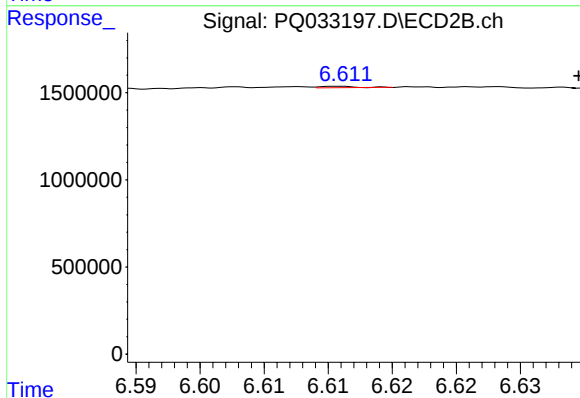
R.T.: 6.944 min  
Delta R.T.: -0.015 min  
Response: 37806  
Conc: 0.26 ng/ml



#32 AR-1260-2

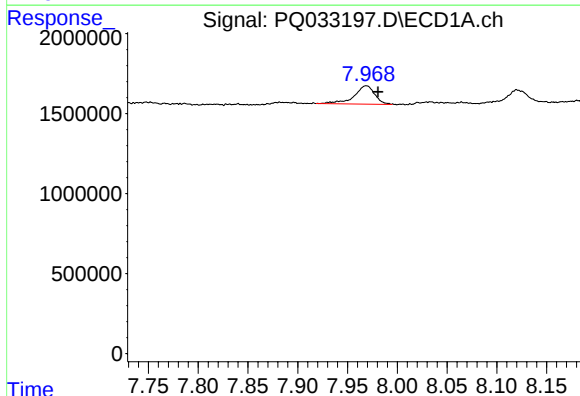
R.T.: 0.000 min  
Exp R.T.: 7.620 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



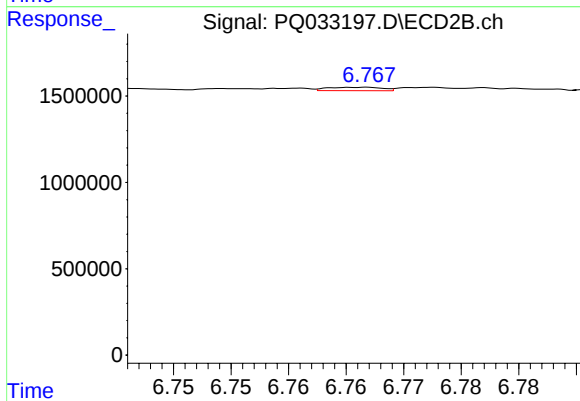
#32 AR-1260-2

R.T.: 6.611 min  
Delta R.T.: -0.018 min  
Response: 13518  
Conc: 0.12 ng/ml



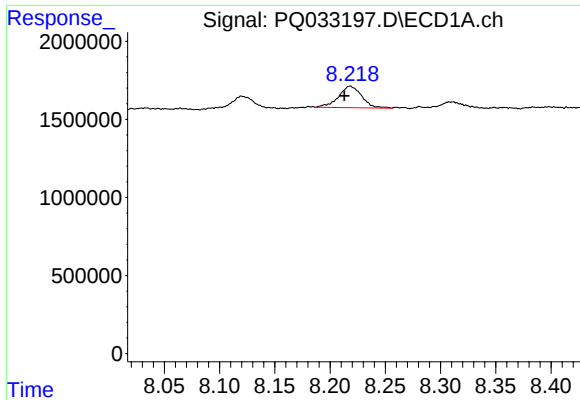
#33 AR-1260-3

R.T.: 7.969 min  
Delta R.T.: -0.012 min  
Response: 1652302  
Conc: 21.21 ng/ml



#33 AR-1260-3

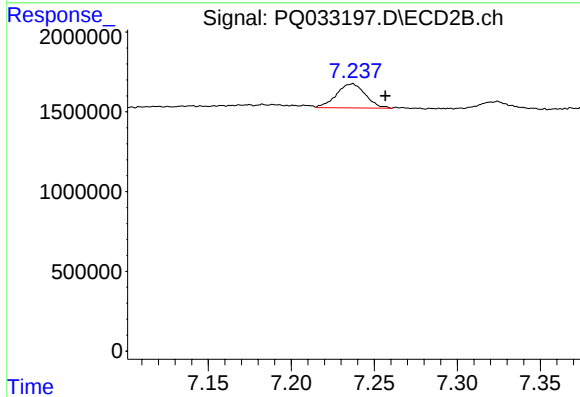
R.T.: 6.767 min  
Delta R.T.: -0.019 min  
Response: 65536  
Conc: 0.61 ng/ml



#34 AR-1260-4

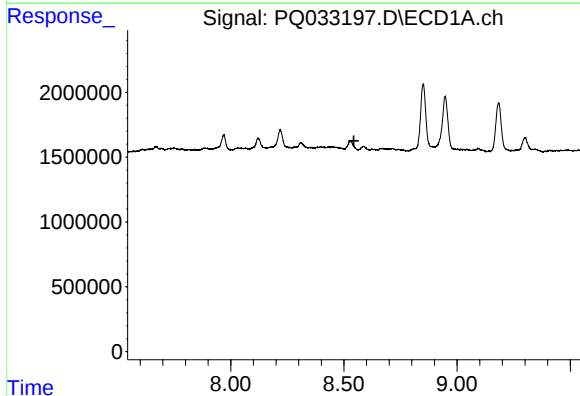
R.T.: 8.218 min  
Delta R.T.: 0.005 min  
Response: 2011072  
Conc: 19.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



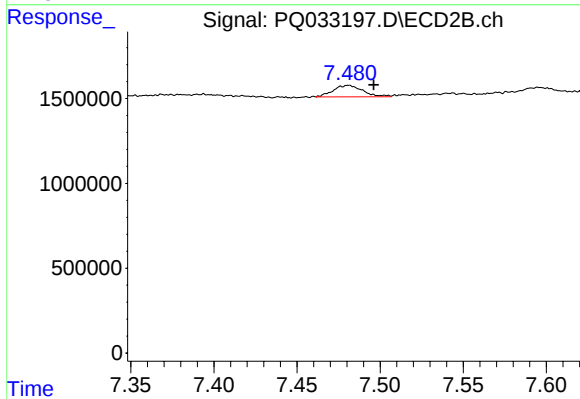
#34 AR-1260-4

R.T.: 7.237 min  
Delta R.T.: -0.019 min  
Response: 1830374  
Conc: 23.81 ng/ml



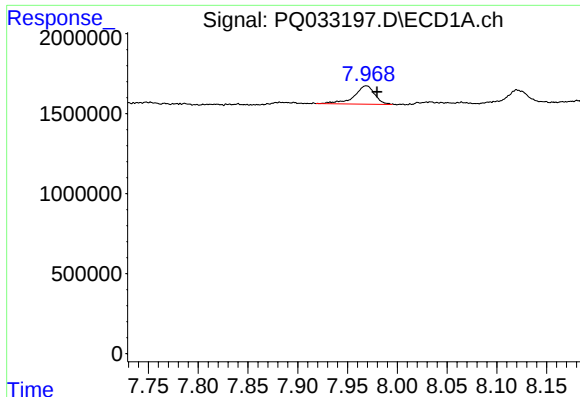
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.544 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

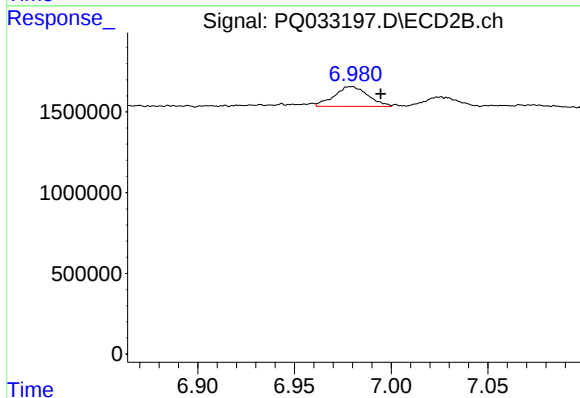
R.T.: 7.481 min  
Delta R.T.: -0.015 min  
Response: 841111  
Conc: 4.38 ng/ml



#36 AR-1262-1

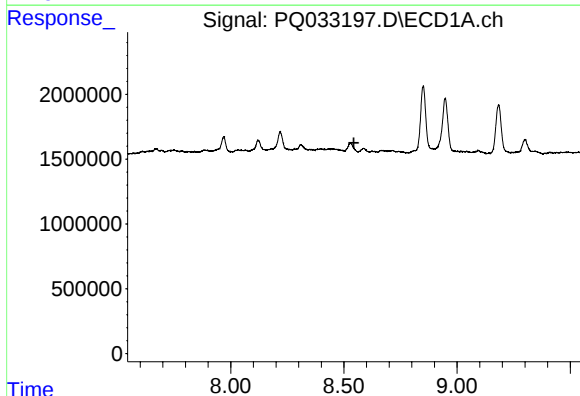
R.T.: 7.969 min  
Delta R.T.: -0.011 min  
Response: 1652302  
Conc: 12.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



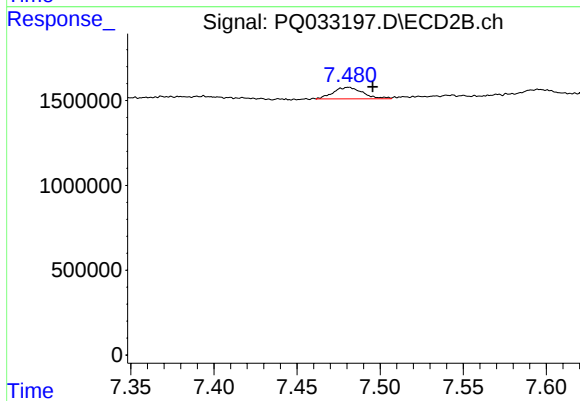
#36 AR-1262-1

R.T.: 6.980 min  
Delta R.T.: -0.014 min  
Response: 1485469  
Conc: 11.56 ng/ml



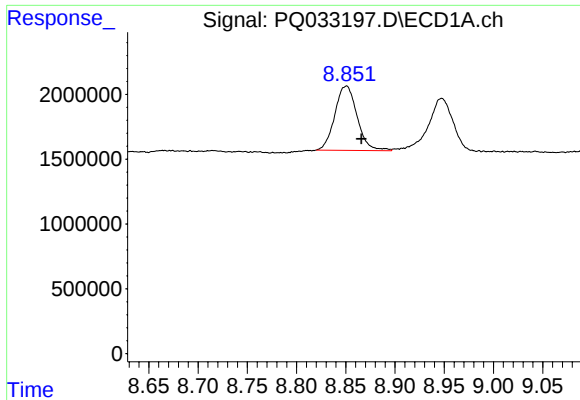
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.544 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

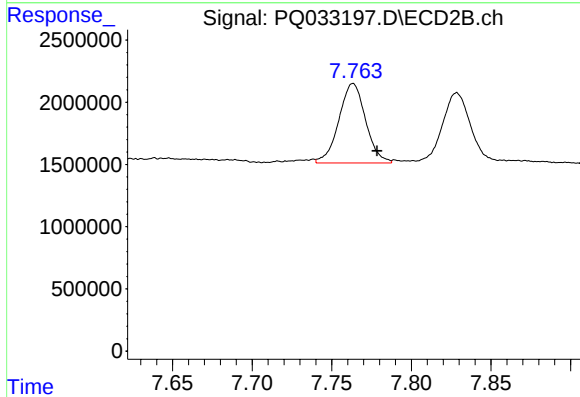
R.T.: 7.481 min  
Delta R.T.: -0.014 min  
Response: 841111  
Conc: 3.51 ng/ml



#38 AR-1262-3

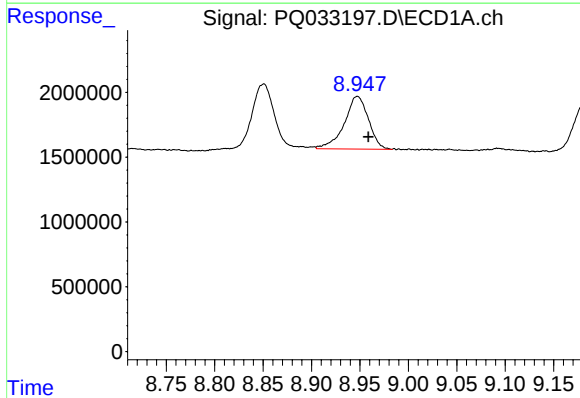
R.T.: 8.851 min  
Delta R.T.: -0.015 min  
Response: 7824495  
Conc: 47.30 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



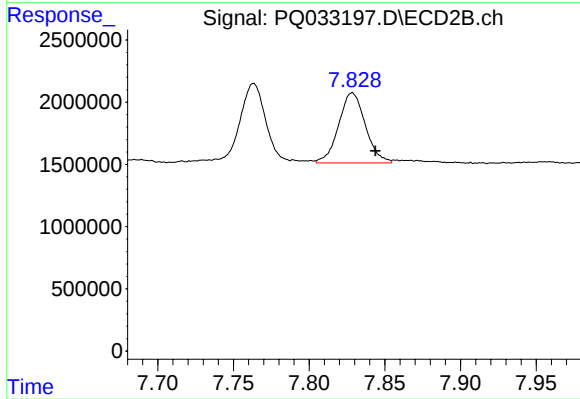
#38 AR-1262-3

R.T.: 7.763 min  
Delta R.T.: -0.015 min  
Response: 7488080  
Conc: 80.39 ng/ml



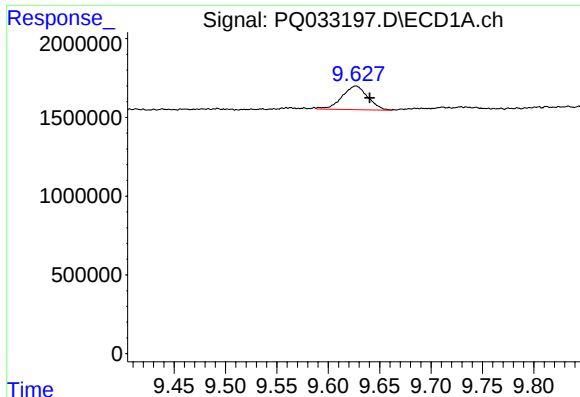
#39 AR-1262-4

R.T.: 8.948 min  
Delta R.T.: -0.011 min  
Response: 7070006  
Conc: 103.74 ng/ml



#39 AR-1262-4

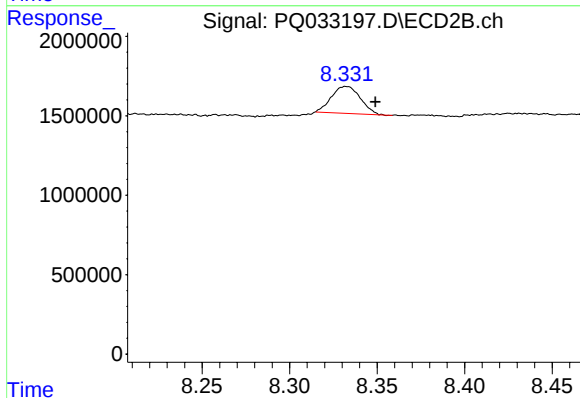
R.T.: 7.829 min  
Delta R.T.: -0.015 min  
Response: 6922903  
Conc: 39.77 ng/ml



#40 AR-1262-5

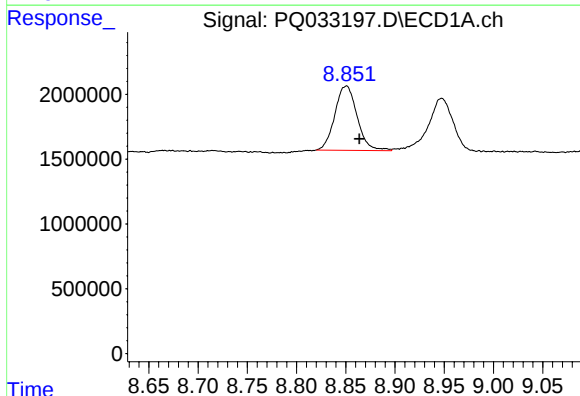
R.T.: 9.627 min  
Delta R.T.: -0.013 min  
Response: 2604589  
Conc: 29.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



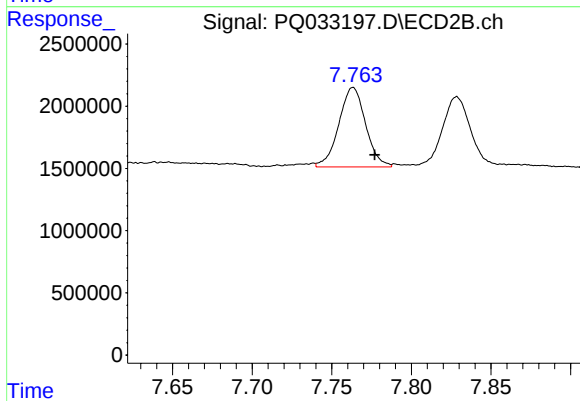
#40 AR-1262-5

R.T.: 8.332 min  
Delta R.T.: -0.017 min  
Response: 1953077  
Conc: 24.20 ng/ml



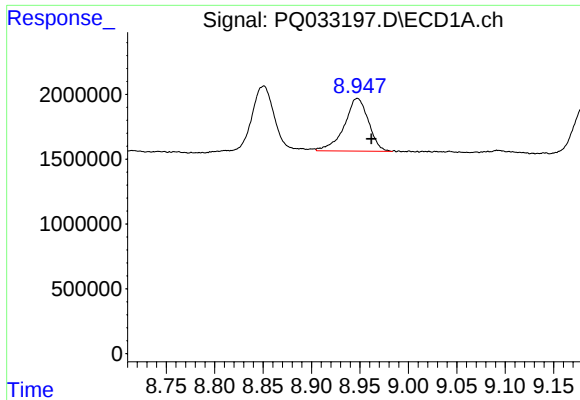
#41 AR-1268-1

R.T.: 8.851 min  
Delta R.T.: -0.013 min  
Response: 7824495  
Conc: 21.34 ng/ml



#41 AR-1268-1

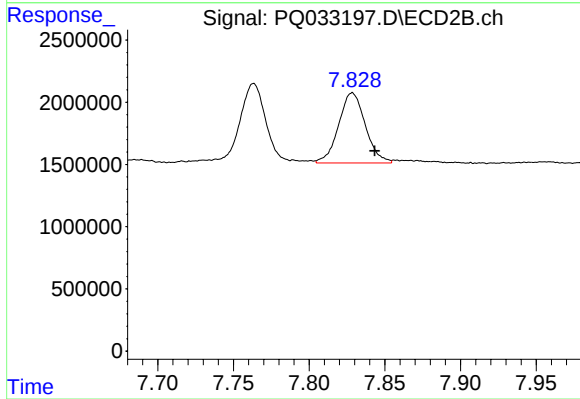
R.T.: 7.763 min  
Delta R.T.: -0.014 min  
Response: 7488080  
Conc: 21.90 ng/ml



#42 AR-1268-2

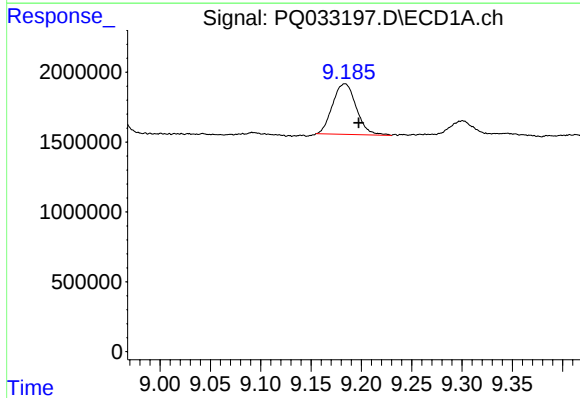
R.T.: 8.948 min  
Delta R.T.: -0.014 min  
Response: 7070006  
Conc: 21.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



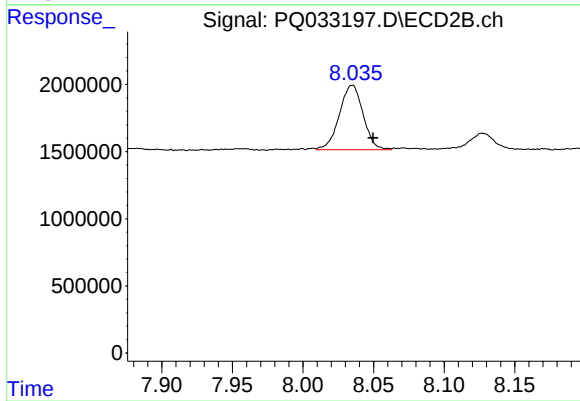
#42 AR-1268-2

R.T.: 7.829 min  
Delta R.T.: -0.015 min  
Response: 6922903  
Conc: 22.40 ng/ml



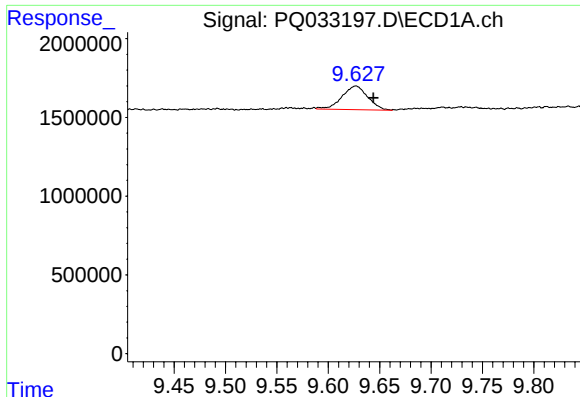
#43 AR-1268-3

R.T.: 9.185 min  
Delta R.T.: -0.013 min  
Response: 5959957  
Conc: 21.15 ng/ml



#43 AR-1268-3

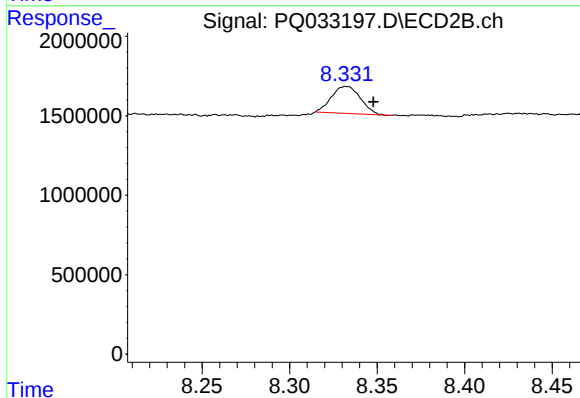
R.T.: 8.036 min  
Delta R.T.: -0.014 min  
Response: 5630941  
Conc: 22.01 ng/ml



#44 AR-1268-4

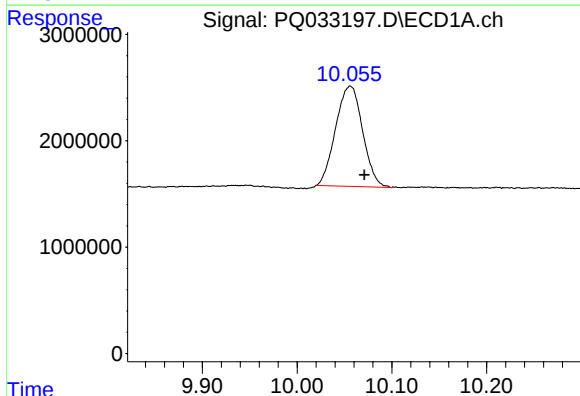
R.T.: 9.627 min  
Delta R.T.: -0.017 min  
Response: 2604589  
Conc: 21.56 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



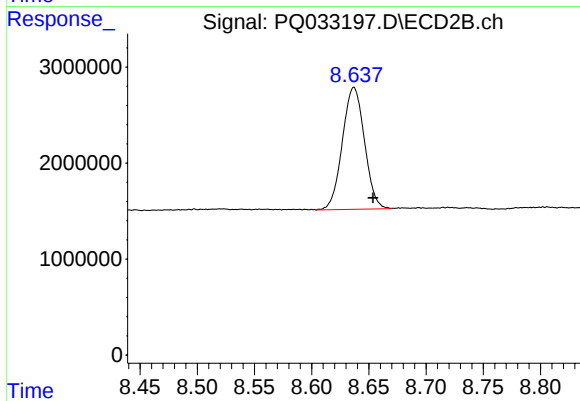
#44 AR-1268-4

R.T.: 8.332 min  
Delta R.T.: -0.016 min  
Response: 1953077  
Conc: 17.71 ng/ml



#45 AR-1268-5

R.T.: 10.056 min  
Delta R.T.: -0.015 min  
Response: 18616594  
Conc: 20.13 ng/ml



#45 AR-1268-5

R.T.: 8.637 min  
Delta R.T.: -0.016 min  
Response: 17098234  
Conc: 20.44 ng/ml