

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ092024\  
 Data File : PQ068697.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Sep 2024 17:04  
 Operator : YP\AJ  
 Sample : P4080-02  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 C0AP5

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 21 00:34:24 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ082724CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 28 02:08:25 2024  
 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... | 3.438  | 2.820  | 128.7E6  | 144.3E6 | 16.288 | 20.377 # |
| 2)                          | SA Decachlor... | 8.612  | 7.596  | 74944511 | 124.0E6 | 32.951 | 36.653   |
| Target Compounds            |                 |        |        |          |         |        |          |
| 3)                          | L1 AR-1016-1    | 4.559  | 3.819  | 785284   | 1494499 | 3.475  | 6.831 #  |
| 4)                          | L1 AR-1016-2    | 4.559  | 3.819  | 785284   | 1494499 | 2.231  | 4.564 #  |
| 5)                          | L1 AR-1016-3    | 4.627  | 0.000  | 793749   | 0       | 3.647  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 4.673  | 0.000  | 1421631  | 0       | 7.860  | N.D. #   |
| 7)                          | L1 AR-1016-5    | 4.976  | 0.000  | 679048   | 0       | 3.907  | N.D. #   |
| 8)                          | L2 AR-1221-1    | 3.629  | 3.091f | 919168   | 2063446 | 10.010 | 24.150 # |
| 9)                          | L2 AR-1221-2    | 3.718  | 3.091  | 2691492  | 2063446 | 42.159 | 34.617   |
| 10)                         | L2 AR-1221-3    | 3.815  | 0.000  | 378039   | 0       | 1.830  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 3.815  | 0.000  | 378039   | 0       | 2.290  | N.D. #   |
| 12)                         | L3 AR-1232-2    | 4.267  | 3.819  | 2837051  | 1494499 | 31.236 | 9.637 #  |
| 13)                         | L3 AR-1232-3    | 4.559  | 0.000  | 785284   | 0       | 4.643  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 4.673  | 0.000  | 1421631  | 0       | 16.454 | N.D. #   |
| 15)                         | L3 AR-1232-5    | 4.808  | 0.000  | 829107   | 0       | 14.682 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 4.559  | 3.819  | 785284   | 1494499 | 3.842  | 7.725 #  |
| 17)                         | L4 AR-1242-2    | 4.559  | 3.819  | 785284   | 1494499 | 2.510  | 5.142 #  |
| 18)                         | L4 AR-1242-3    | 4.627  | 0.000  | 793749   | 0       | 4.057  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 4.673  | 0.000  | 1421631  | 0       | 8.796  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 5.422  | 0.000  | 361040   | 0       | 2.135  | N.D. #   |
| 21)                         | L5 AR-1248-1    | 4.559  | 3.819  | 785284   | 1494499 | 5.101  | 10.476 # |
| 22)                         | L5 AR-1248-2    | 4.808  | 0.000  | 829107   | 0       | 3.945  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 4.976  | 0.000  | 679048   | 0       | 2.691  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 5.393  | 0.000  | 852299   | 0       | 3.031  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 5.422  | 0.000  | 361040   | 0       | 1.279  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 5.393  | 0.000  | 852299   | 0       | 3.081  | N.D. #   |
| 27)                         | L6 AR-1254-2    | 5.512f | 0.000  | 2037605  | 0       | 4.772  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 5.913  | 0.000  | 1207678  | 0       | 2.689  | N.D. #   |
| 29)                         | L6 AR-1254-4    | 6.192  | 0.000  | 248888   | 0       | 0.778  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 6.614  | 0.000  | 449685   | 0       | 1.297  | N.D. #   |
| 34)                         | L7 AR-1260-4    | 6.910  | 0.000  | 761257   | 0       | 2.493  | N.D. #   |
| 38)                         | L8 AR-1262-3    | 7.577f | 0.000  | 546513   | 0       | 1.235  | N.D. #   |
| 39)                         | L8 AR-1262-4    | 7.577  | 0.000  | 546513   | 0       | 1.595  | N.D. #   |
| 42)                         | L9 AR-1268-2    | 7.577  | 0.000  | 546513   | 0       | 0.762  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 8.375  | 0.000  | 1454702  | 0       | 0.895  | N.D. #   |
| -----                       |                 |        |        |          |         |        |          |

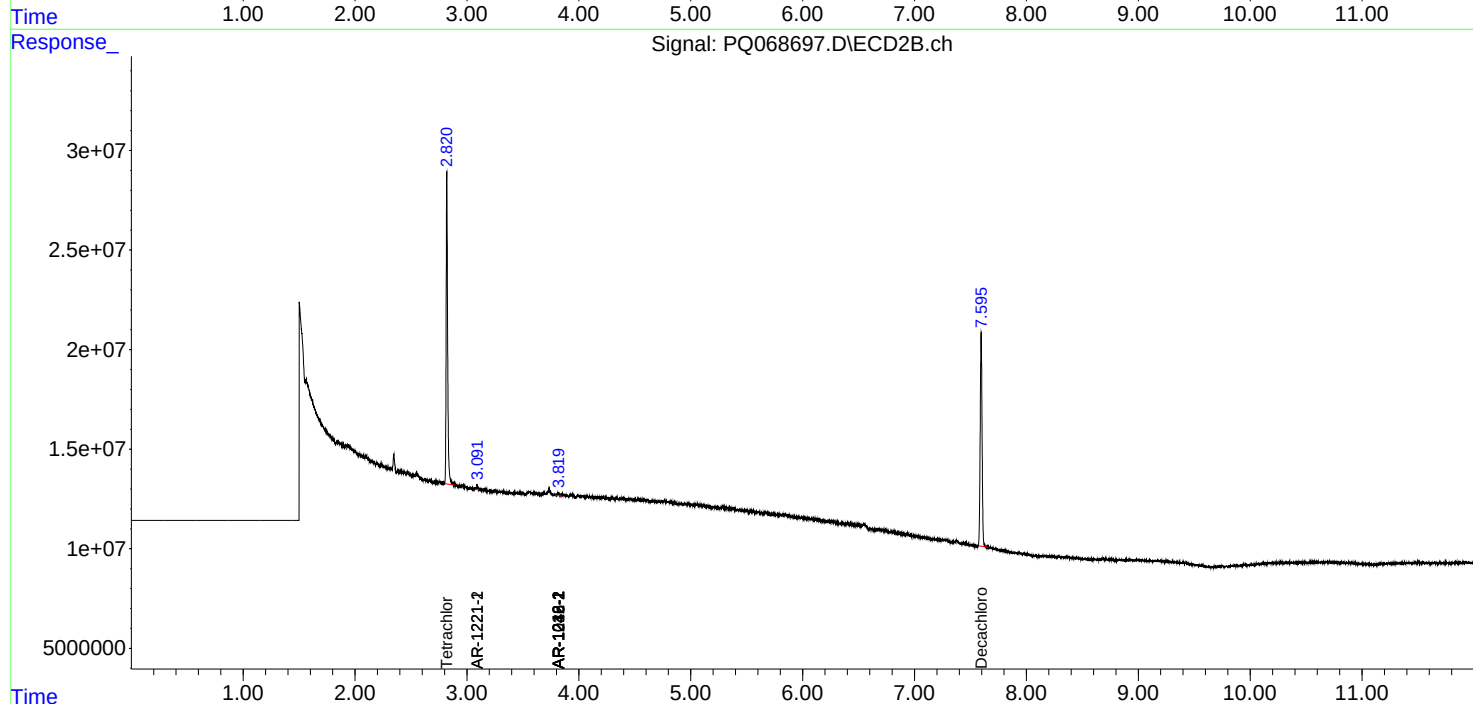
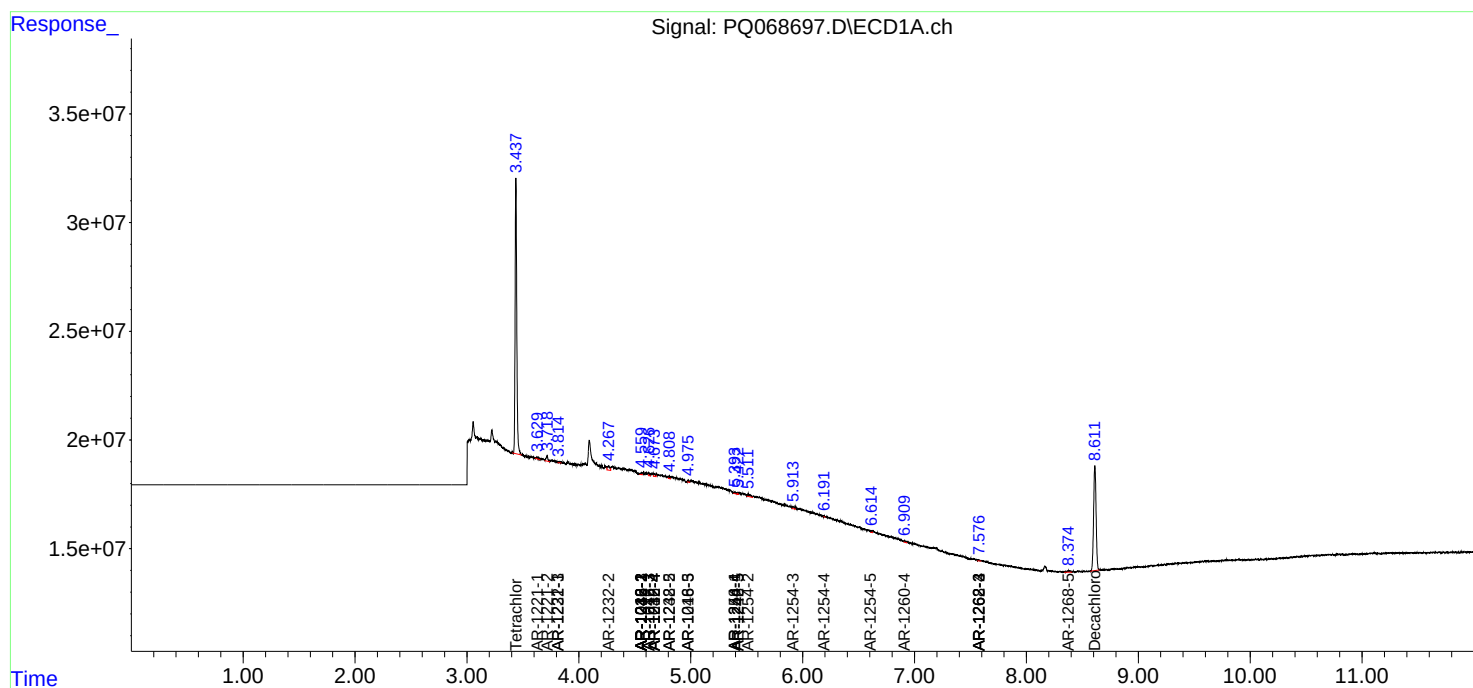
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

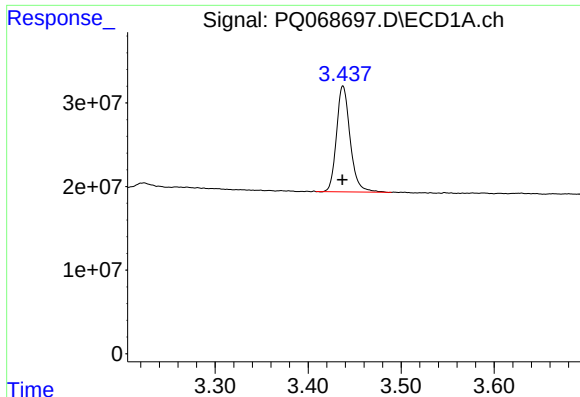
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ092024\  
Data File : PQ068697.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Sep 2024 17:04  
Operator : YP\AJ  
Sample : P4080-02  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 21 00:34:24 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ082724CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 28 02:08:25 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

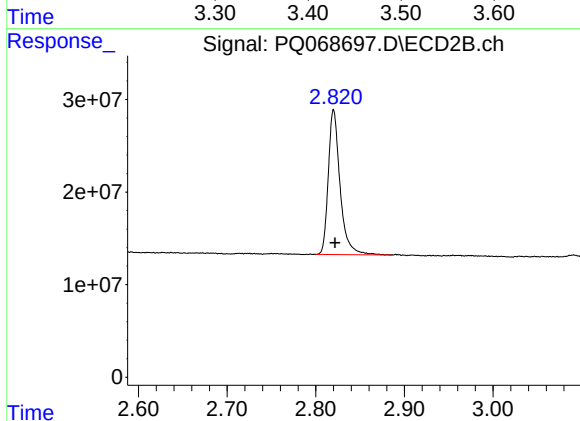




#1 Tetrachloro-m-xylene

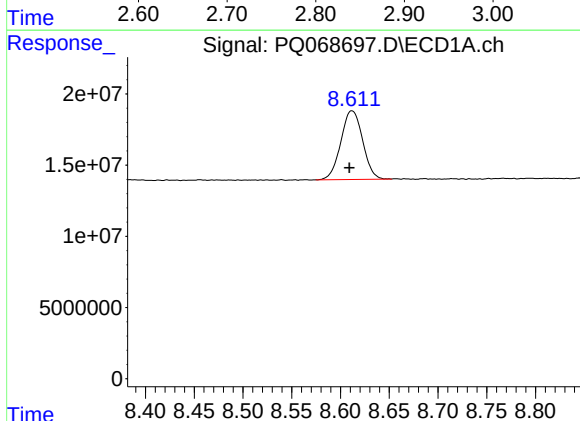
R.T.: 3.438 min  
Delta R.T.: 0.000 min  
Response: 128682195  
Conc: 16.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



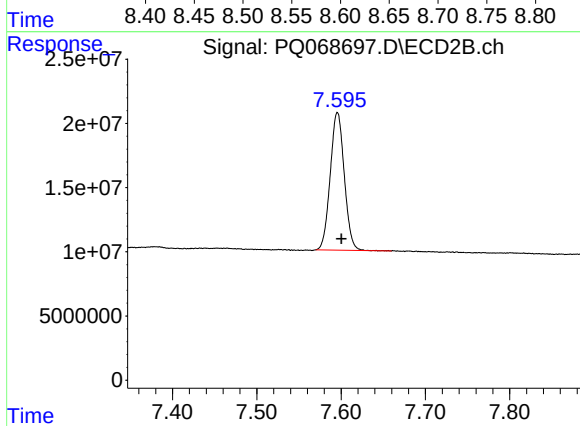
#1 Tetrachloro-m-xylene

R.T.: 2.820 min  
Delta R.T.: -0.002 min  
Response: 144323585  
Conc: 20.38 ng/ml



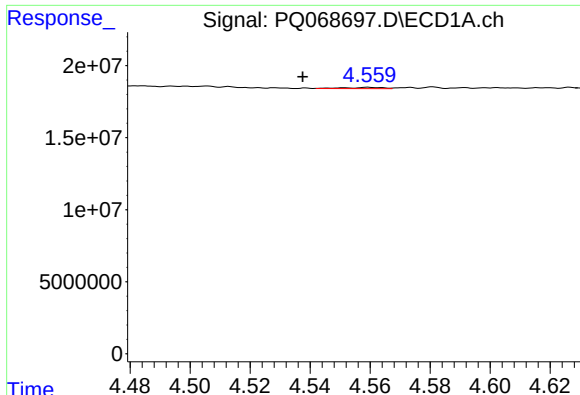
#2 Decachlorobiphenyl

R.T.: 8.612 min  
Delta R.T.: 0.003 min  
Response: 74944511  
Conc: 32.95 ng/ml



#2 Decachlorobiphenyl

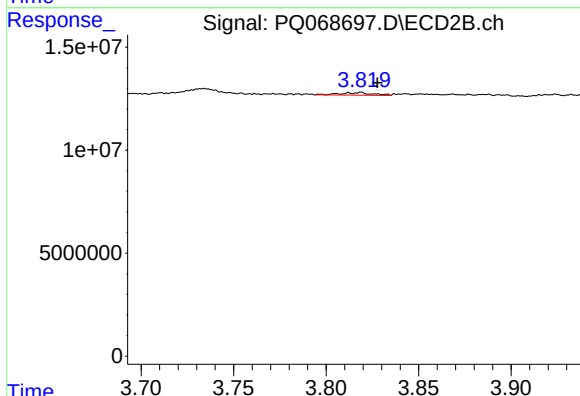
R.T.: 7.596 min  
Delta R.T.: -0.005 min  
Response: 123962235  
Conc: 36.65 ng/ml



#3 AR-1016-1

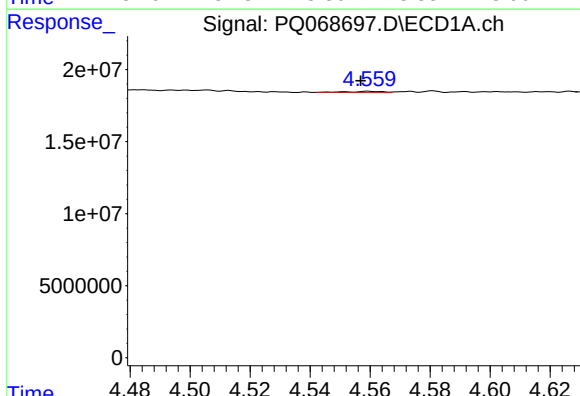
R.T.: 4.559 min  
Delta R.T.: 0.022 min  
Response: 785284  
Conc: 3.47 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



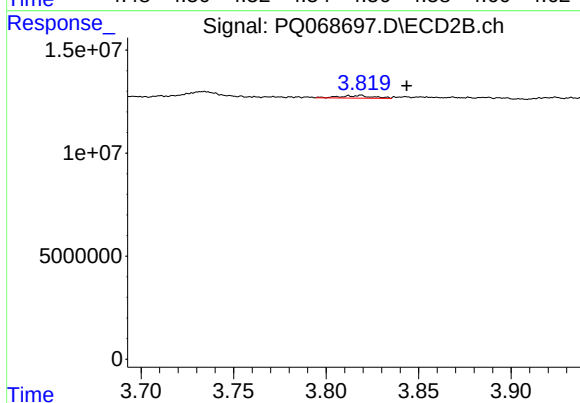
#3 AR-1016-1

R.T.: 3.819 min  
Delta R.T.: -0.009 min  
Response: 1494499  
Conc: 6.83 ng/ml



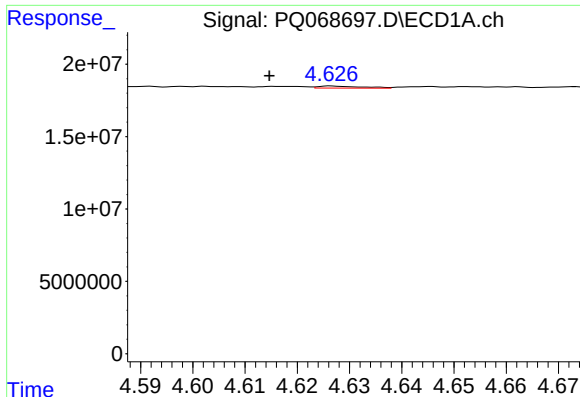
#4 AR-1016-2

R.T.: 4.559 min  
Delta R.T.: 0.002 min  
Response: 785284  
Conc: 2.23 ng/ml



#4 AR-1016-2

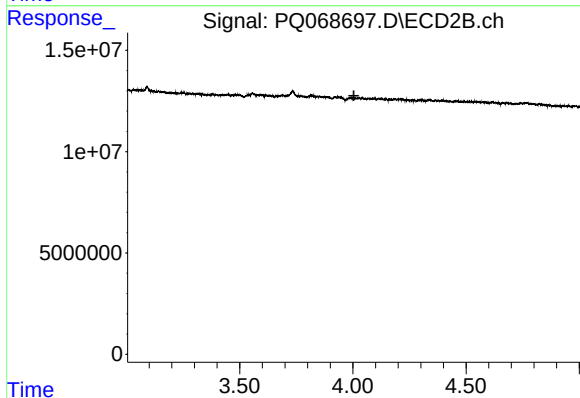
R.T.: 3.819 min  
Delta R.T.: -0.025 min  
Response: 1494499  
Conc: 4.56 ng/ml



#5 AR-1016-3

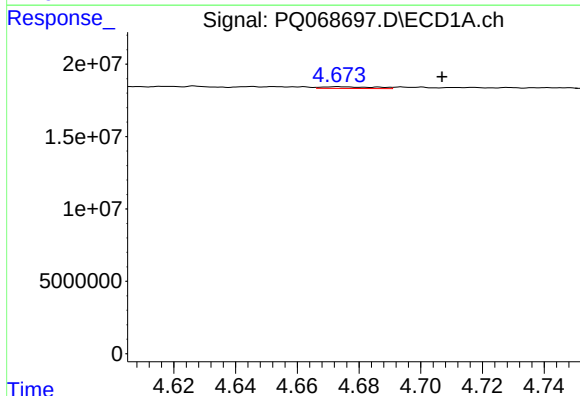
R.T.: 4.627 min  
Delta R.T.: 0.012 min  
Response: 793749  
Conc: 3.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



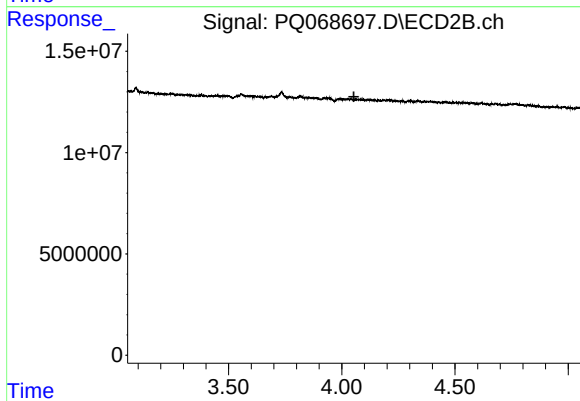
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.005 min  
Response: 0  
Conc: N.D.



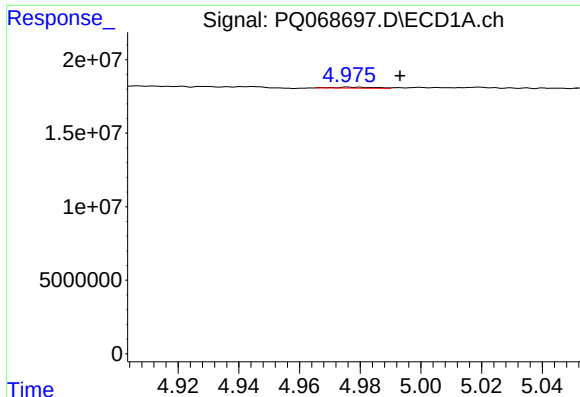
#6 AR-1016-4

R.T.: 4.673 min  
Delta R.T.: -0.034 min  
Response: 1421631  
Conc: 7.86 ng/ml



#6 AR-1016-4

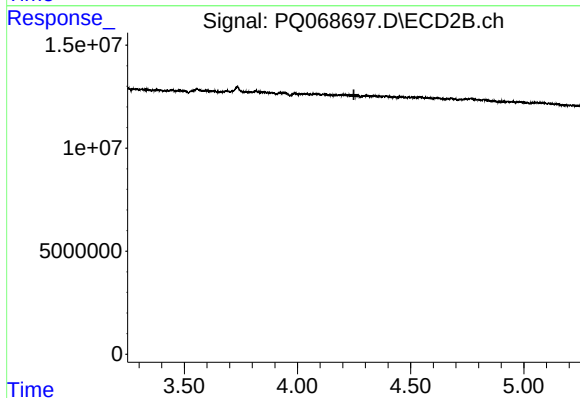
R.T.: 0.000 min  
Exp R.T. : 4.053 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

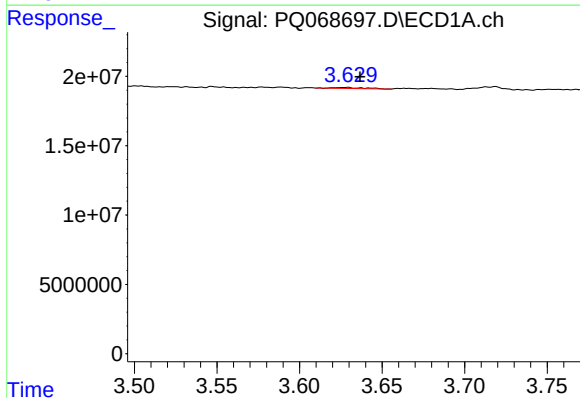
R.T.: 4.976 min  
Delta R.T.: -0.017 min  
Response: 679048  
Conc: 3.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



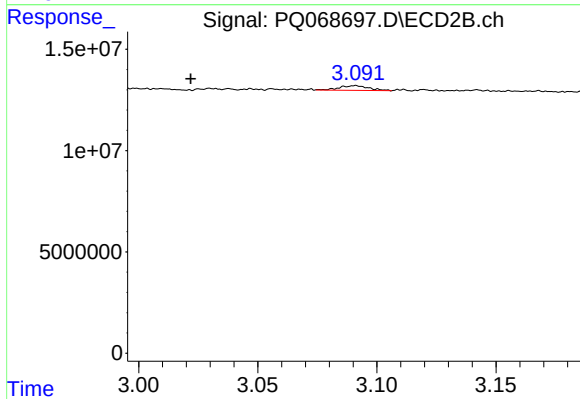
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 4.249 min  
Response: 0  
Conc: N.D.



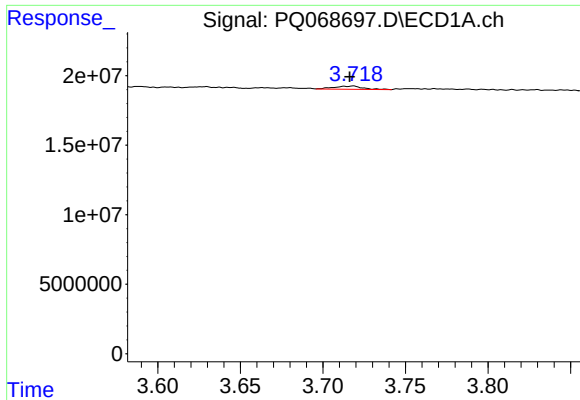
#8 AR-1221-1

R.T.: 3.629 min  
Delta R.T.: -0.008 min  
Response: 919168  
Conc: 10.01 ng/ml



#8 AR-1221-1

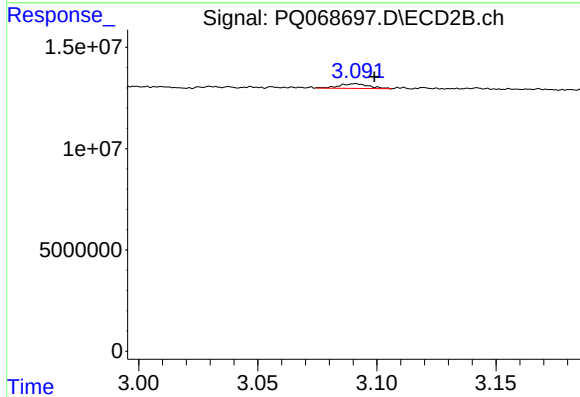
R.T.: 3.091 min  
Delta R.T.: 0.069 min  
Response: 2063446  
Conc: 24.15 ng/ml



#9 AR-1221-2

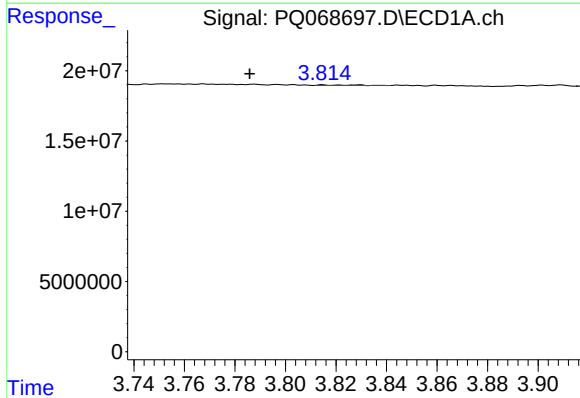
R.T.: 3.718 min  
Delta R.T.: 0.002 min  
Response: 2691492  
Conc: 42.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



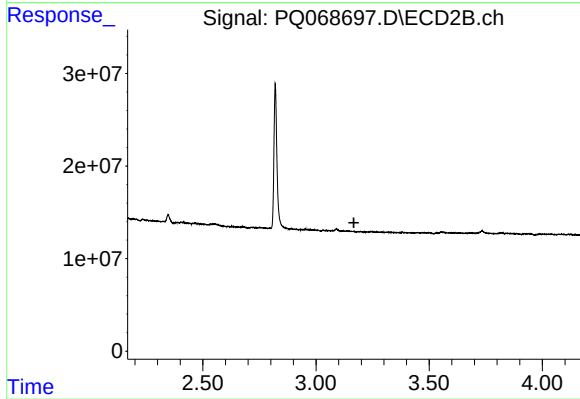
#9 AR-1221-2

R.T.: 3.091 min  
Delta R.T.: -0.008 min  
Response: 2063446  
Conc: 34.62 ng/ml



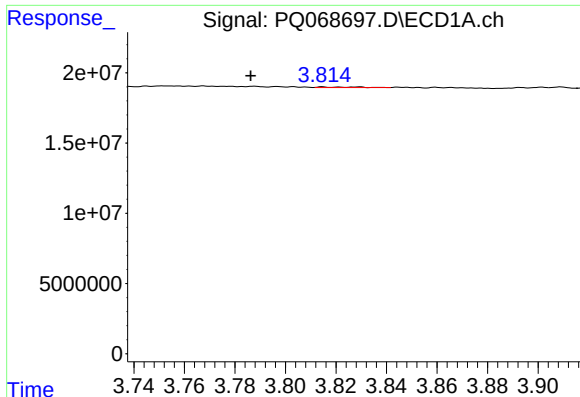
#10 AR-1221-3

R.T.: 3.815 min  
Delta R.T.: 0.029 min  
Response: 378039  
Conc: 1.83 ng/ml



#10 AR-1221-3

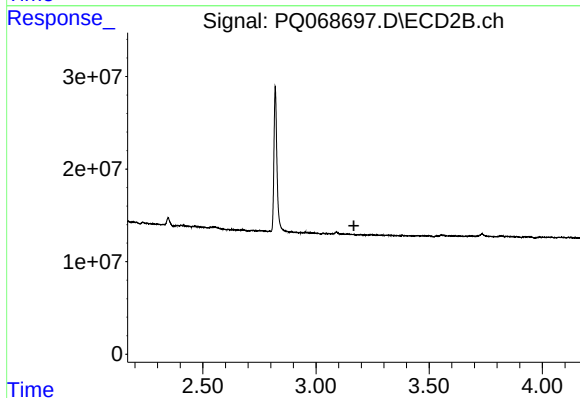
R.T.: 0.000 min  
Exp R.T. : 3.168 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

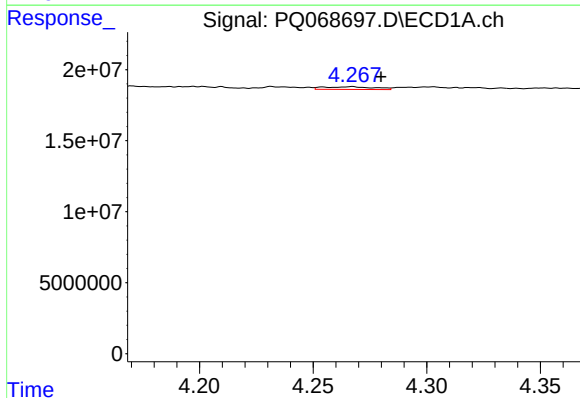
R.T.: 3.815 min  
Delta R.T.: 0.029 min  
Response: 378039  
Conc: 2.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



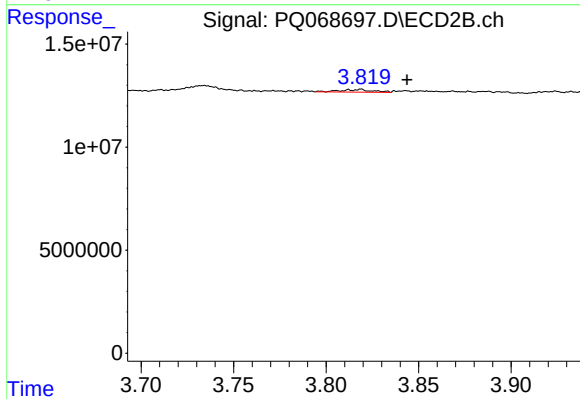
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 3.168 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

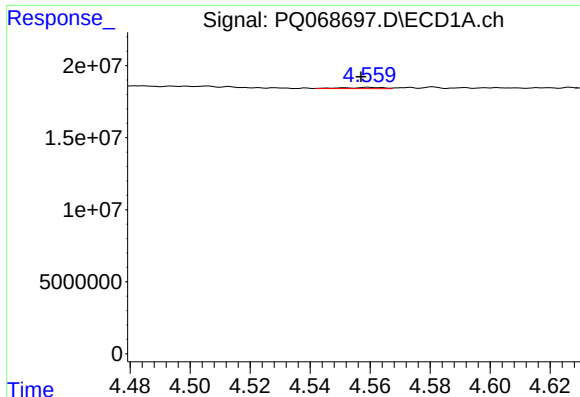
R.T.: 4.267 min  
Delta R.T.: -0.013 min  
Response: 2837051  
Conc: 31.24 ng/ml



#12 AR-1232-2

R.T.: 3.819 min  
Delta R.T.: -0.025 min  
Response: 1494499  
Conc: 9.64 ng/ml

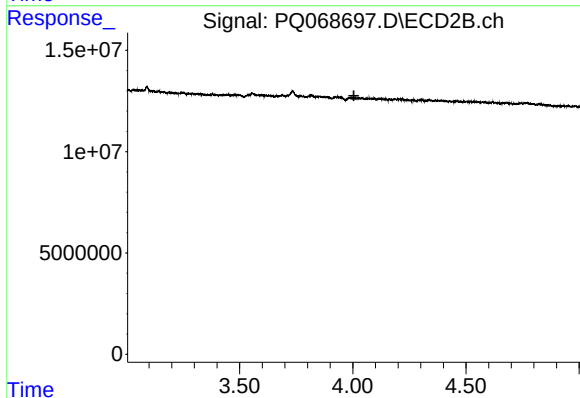




#13 AR-1232-3

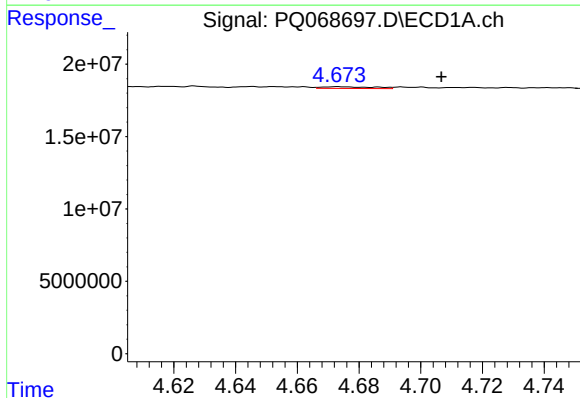
R.T.: 4.559 min  
Delta R.T.: 0.002 min  
Response: 785284  
Conc: 4.64 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



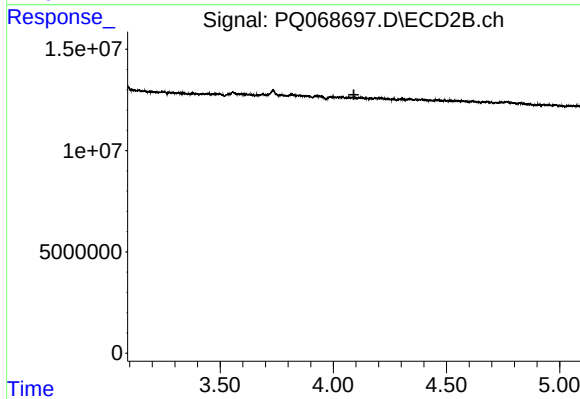
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.005 min  
Response: 0  
Conc: N.D.



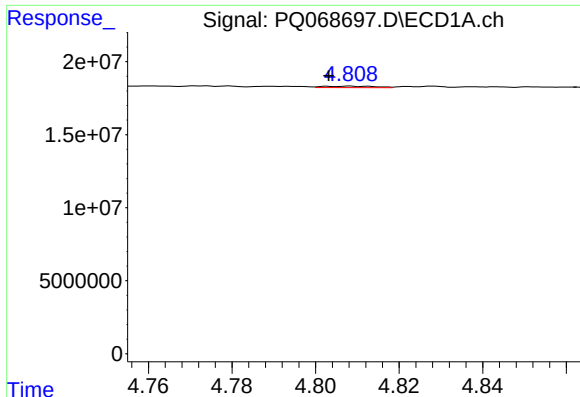
#14 AR-1232-4

R.T.: 4.673 min  
Delta R.T.: -0.033 min  
Response: 1421631  
Conc: 16.45 ng/ml



#14 AR-1232-4

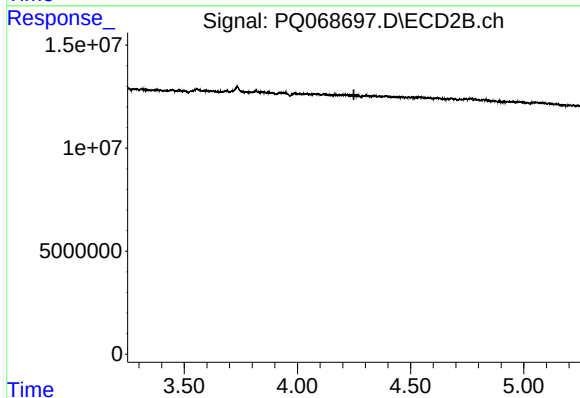
R.T.: 0.000 min  
Exp R.T. : 4.091 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

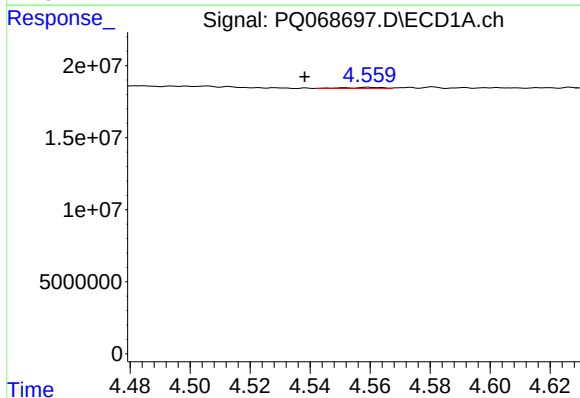
R.T.: 4.808 min  
Delta R.T.: 0.005 min  
Response: 829107  
Conc: 14.68 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



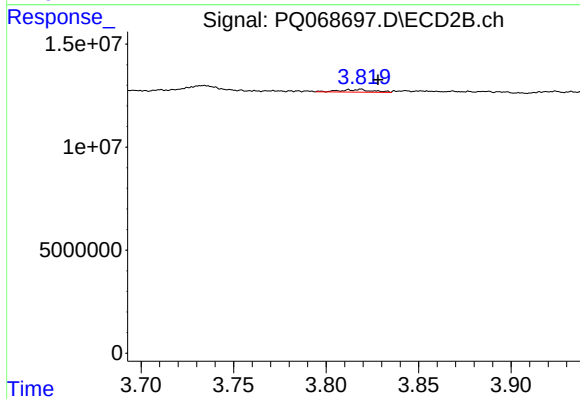
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 4.250 min  
Response: 0  
Conc: N.D.



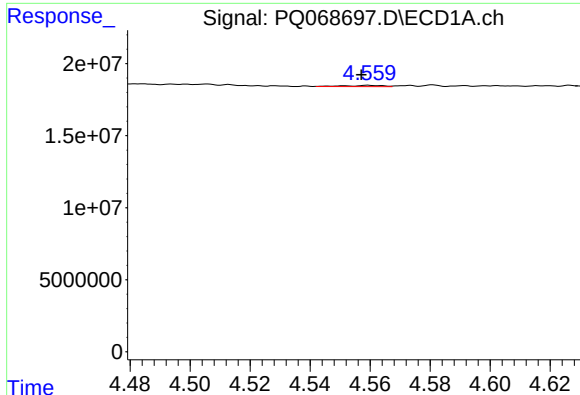
#16 AR-1242-1

R.T.: 4.559 min  
Delta R.T.: 0.021 min  
Response: 785284  
Conc: 3.84 ng/ml



#16 AR-1242-1

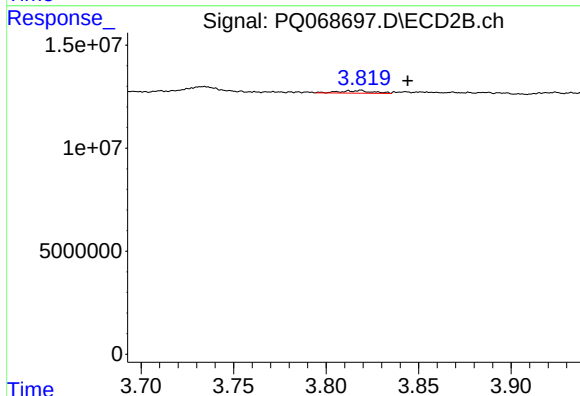
R.T.: 3.819 min  
Delta R.T.: -0.009 min  
Response: 1494499  
Conc: 7.72 ng/ml



#17 AR-1242-2

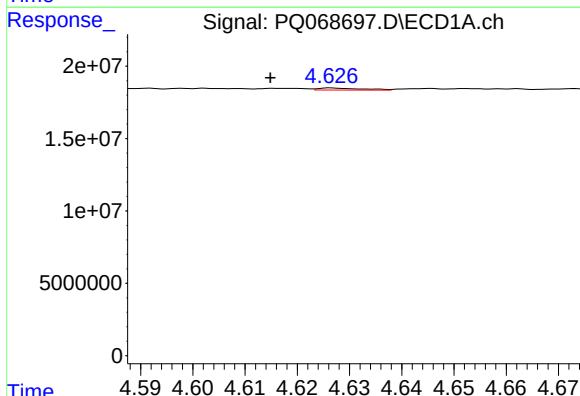
R.T.: 4.559 min  
Delta R.T.: 0.002 min  
Response: 785284  
Conc: 2.51 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



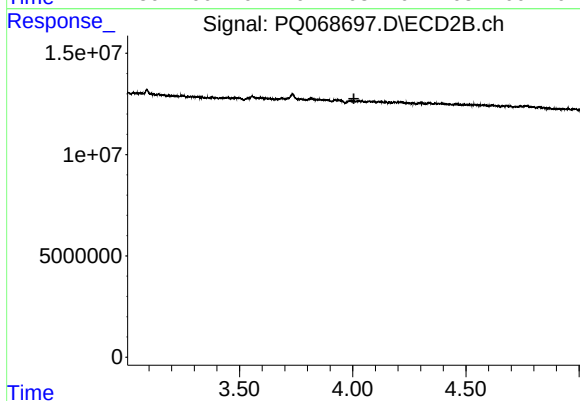
#17 AR-1242-2

R.T.: 3.819 min  
Delta R.T.: -0.025 min  
Response: 1494499  
Conc: 5.14 ng/ml



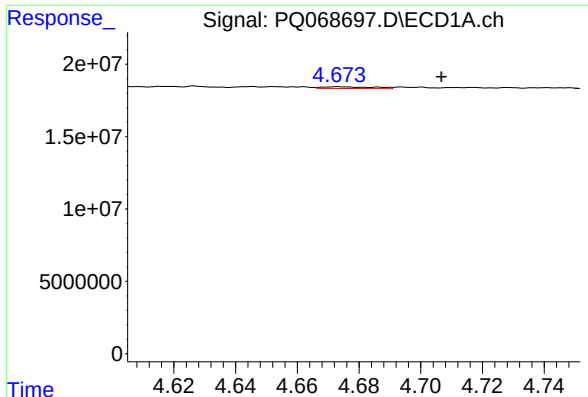
#18 AR-1242-3

R.T.: 4.627 min  
Delta R.T.: 0.012 min  
Response: 793749  
Conc: 4.06 ng/ml



#18 AR-1242-3

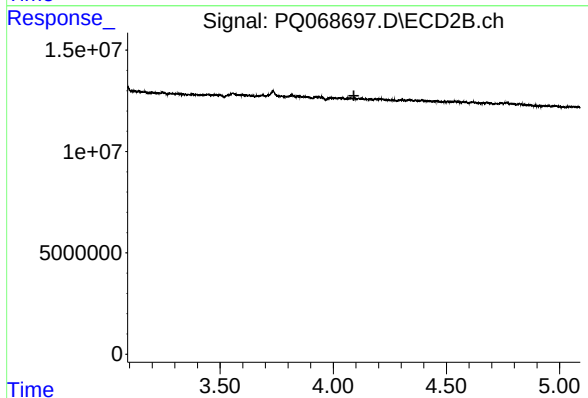
R.T.: 0.000 min  
Exp R.T.: 4.005 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

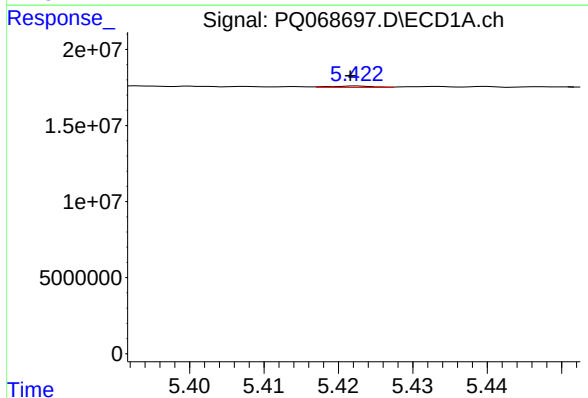
R.T.: 4.673 min  
Delta R.T.: -0.033 min  
Response: 1421631  
Conc: 8.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



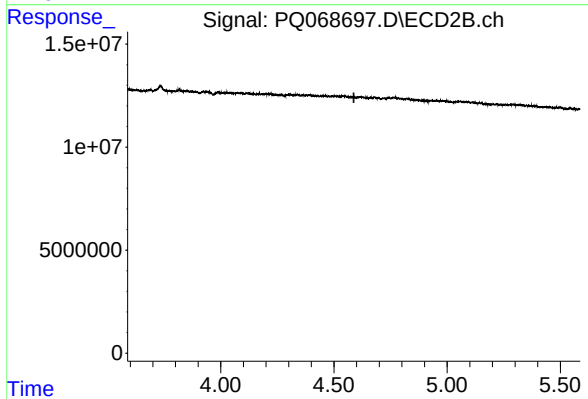
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 4.091 min  
Response: 0  
Conc: N.D.



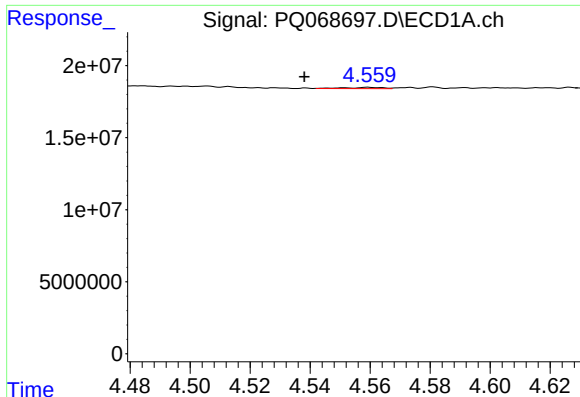
#20 AR-1242-5

R.T.: 5.422 min  
Delta R.T.: 0.000 min  
Response: 361040  
Conc: 2.14 ng/ml



#20 AR-1242-5

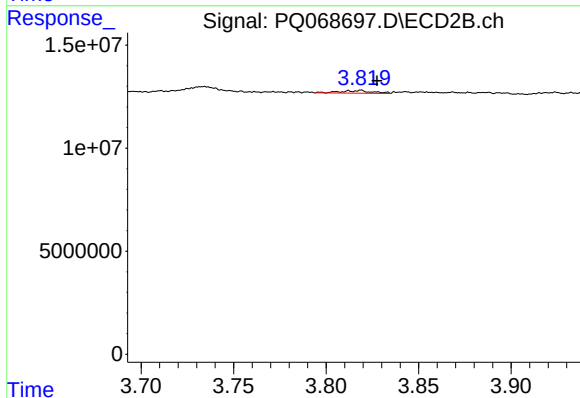
R.T.: 0.000 min  
Exp R.T. : 4.588 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

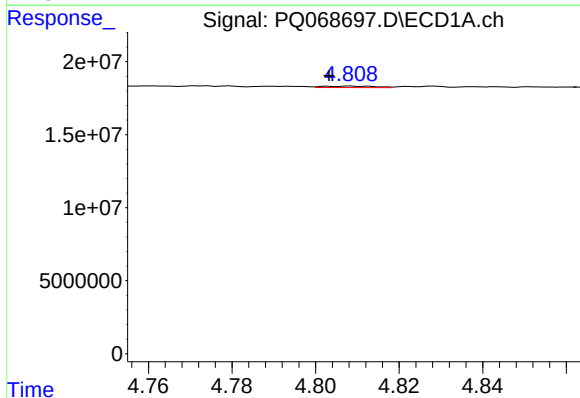
R.T.: 4.559 min  
Delta R.T.: 0.021 min  
Response: 785284  
Conc: 5.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



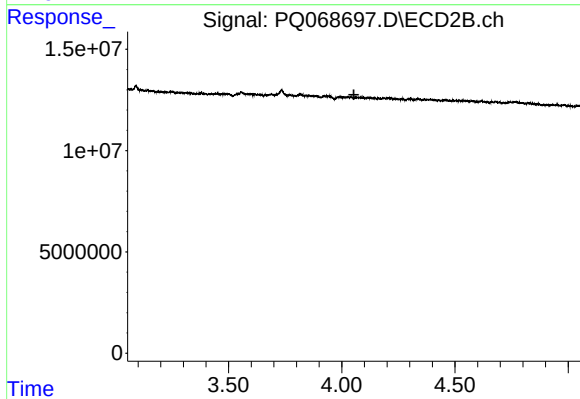
#21 AR-1248-1

R.T.: 3.819 min  
Delta R.T.: -0.009 min  
Response: 1494499  
Conc: 10.48 ng/ml



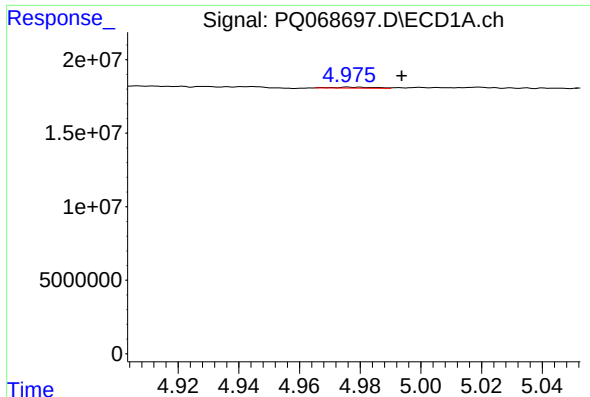
#22 AR-1248-2

R.T.: 4.808 min  
Delta R.T.: 0.005 min  
Response: 829107  
Conc: 3.95 ng/ml



#22 AR-1248-2

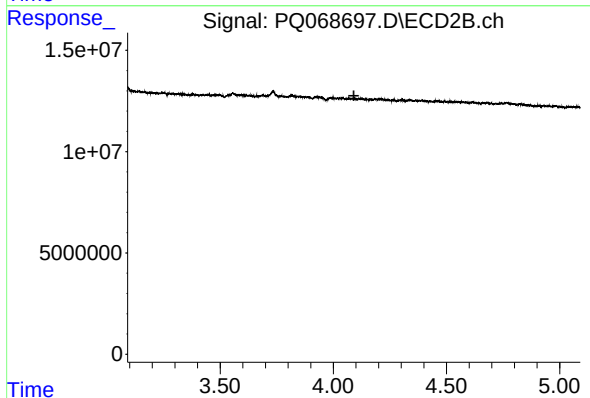
R.T.: 0.000 min  
Exp R.T.: 4.053 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

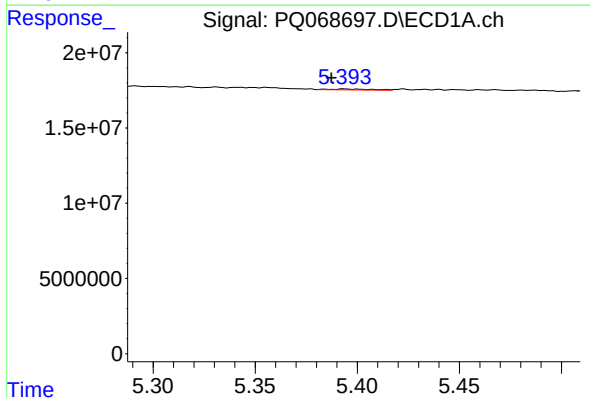
R.T.: 4.976 min  
Delta R.T.: -0.018 min  
Response: 679048  
Conc: 2.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



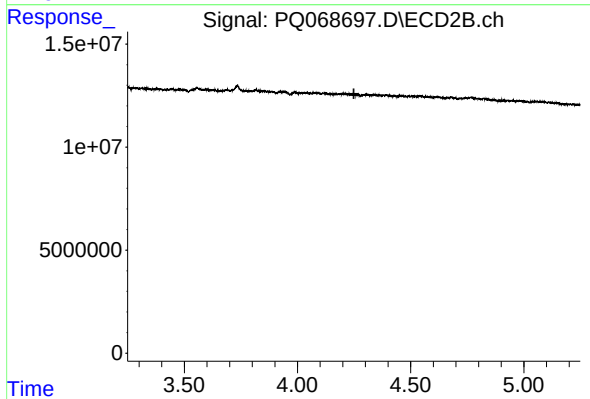
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 4.091 min  
Response: 0  
Conc: N.D.



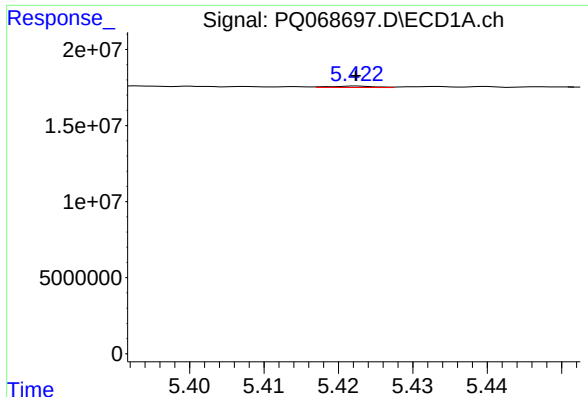
#24 AR-1248-4

R.T.: 5.393 min  
Delta R.T.: 0.006 min  
Response: 852299  
Conc: 3.03 ng/ml



#24 AR-1248-4

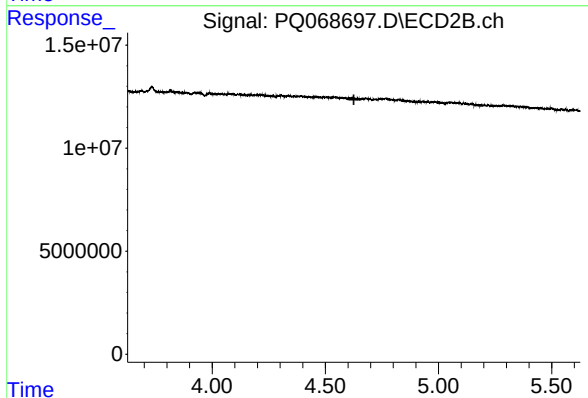
R.T.: 0.000 min  
Exp R.T. : 4.249 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

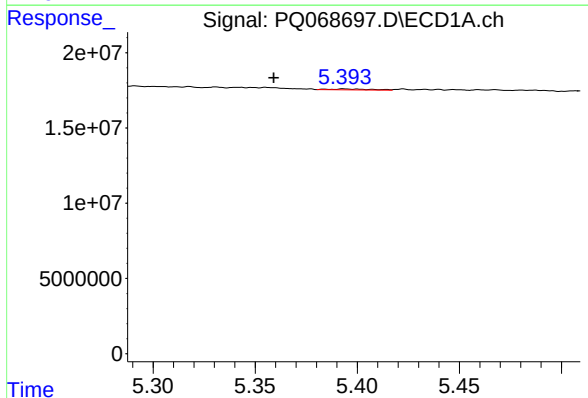
R.T.: 5.422 min  
Delta R.T.: 0.000 min  
Response: 361040  
Conc: 1.28 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



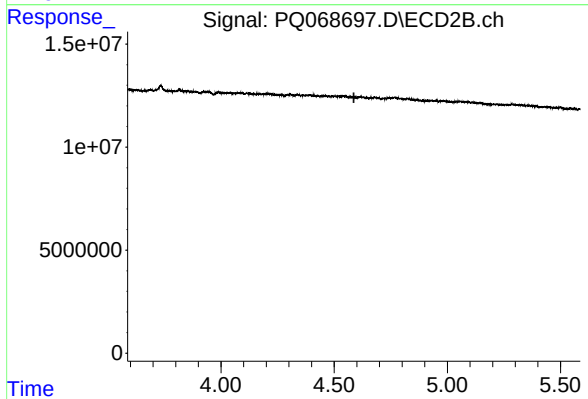
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 4.626 min  
Response: 0  
Conc: N.D.



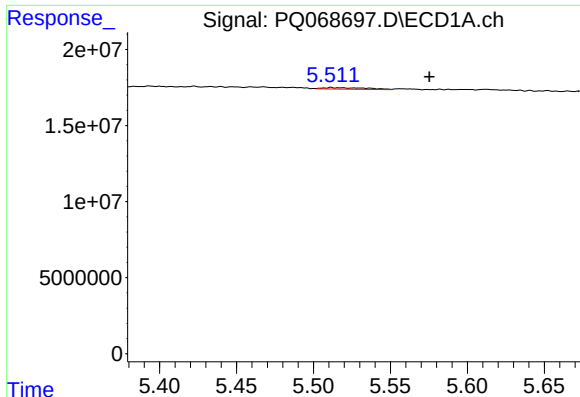
#26 AR-1254-1

R.T.: 5.393 min  
Delta R.T.: 0.034 min  
Response: 852299  
Conc: 3.08 ng/ml



#26 AR-1254-1

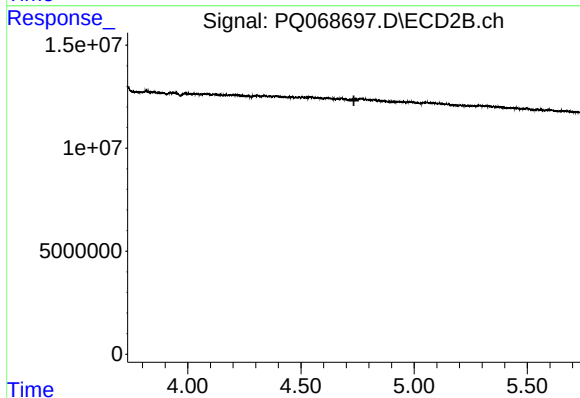
R.T.: 0.000 min  
Exp R.T. : 4.587 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

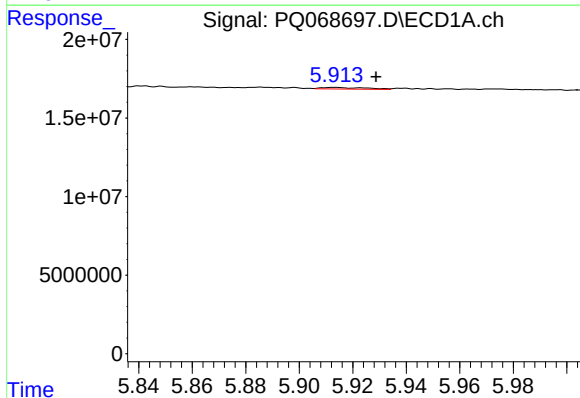
R.T.: 5.512 min  
Delta R.T.: -0.064 min  
Response: 2037605  
Conc: 4.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



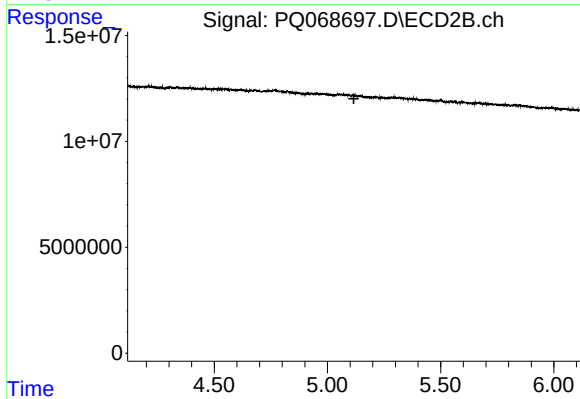
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 4.734 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

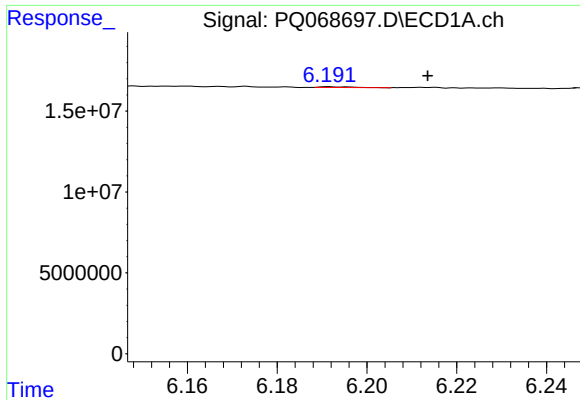
R.T.: 5.913 min  
Delta R.T.: -0.015 min  
Response: 1207678  
Conc: 2.69 ng/ml



#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.117 min  
Response: 0  
Conc: N.D.

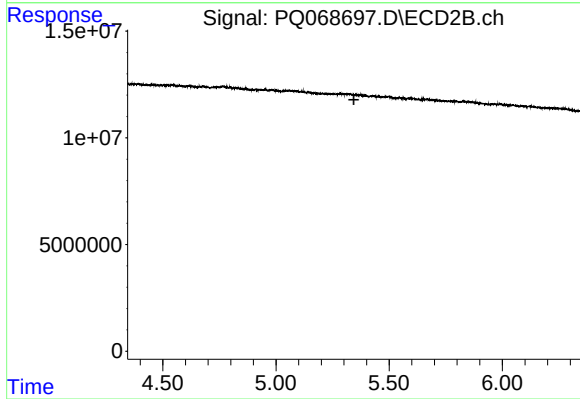




#29 AR-1254-4

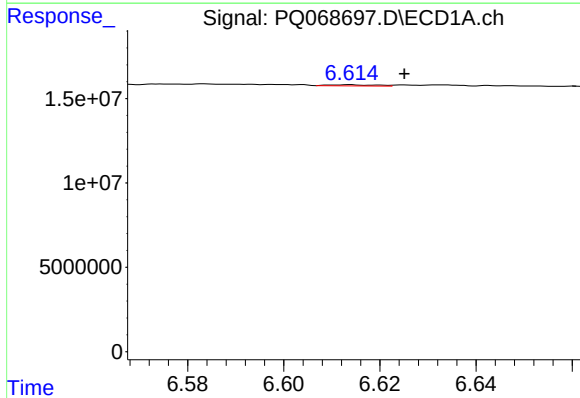
R.T.: 6.192 min  
Delta R.T.: -0.022 min  
Response: 248888  
Conc: 0.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



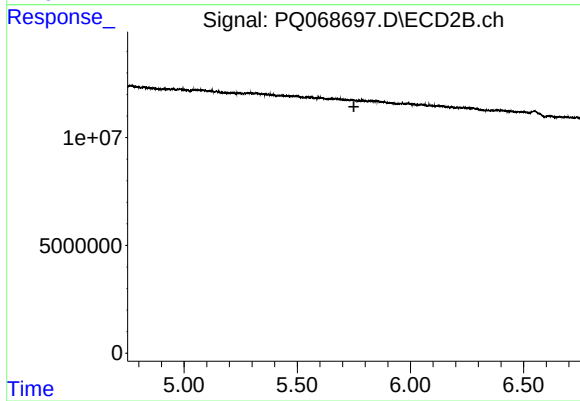
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 5.344 min  
Response: 0  
Conc: N.D.



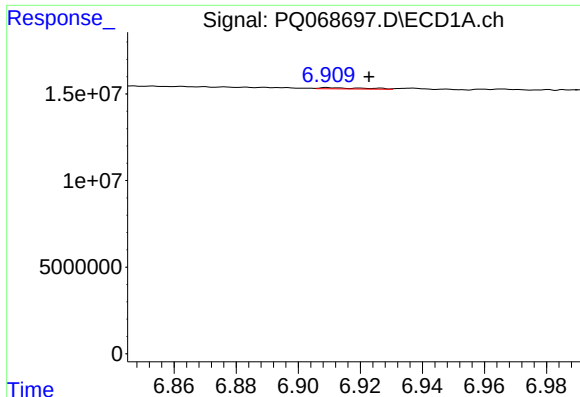
#30 AR-1254-5

R.T.: 6.614 min  
Delta R.T.: -0.011 min  
Response: 449685  
Conc: 1.30 ng/ml



#30 AR-1254-5

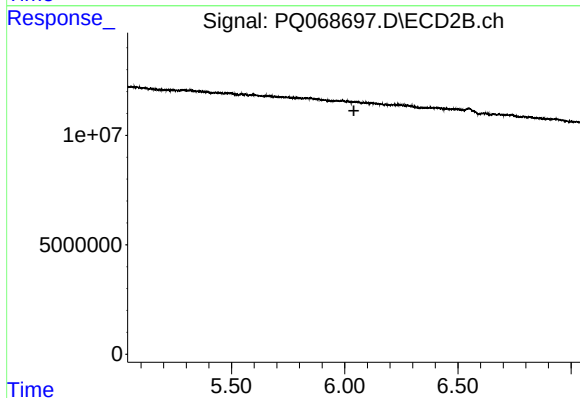
R.T.: 0.000 min  
Exp R.T. : 5.750 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

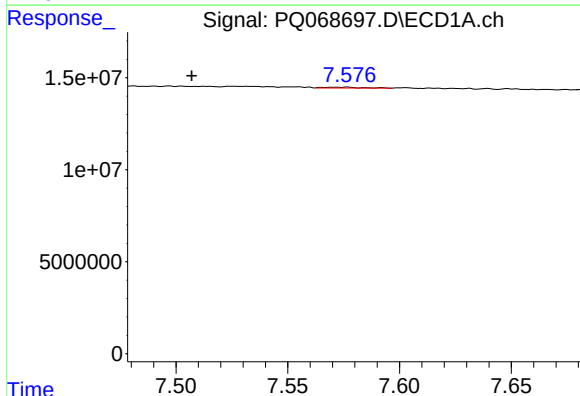
R.T.: 6.910 min  
Delta R.T.: -0.013 min  
Response: 761257  
Conc: 2.49 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



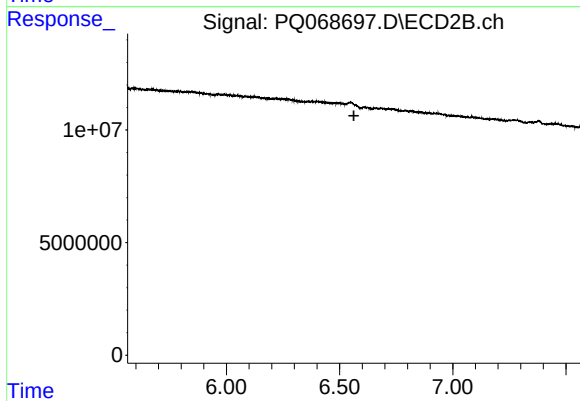
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.040 min  
Response: 0  
Conc: N.D.



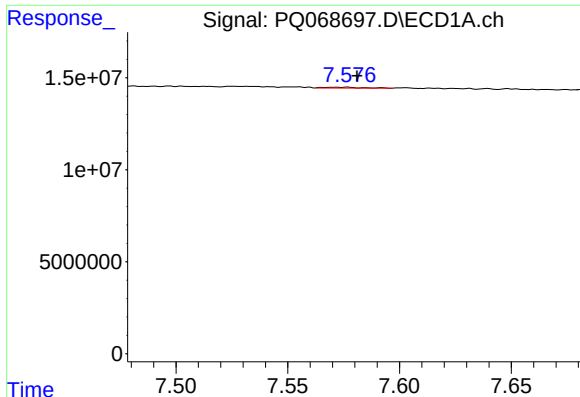
#38 AR-1262-3

R.T.: 7.577 min  
Delta R.T.: 0.070 min  
Response: 546513  
Conc: 1.23 ng/ml



#38 AR-1262-3

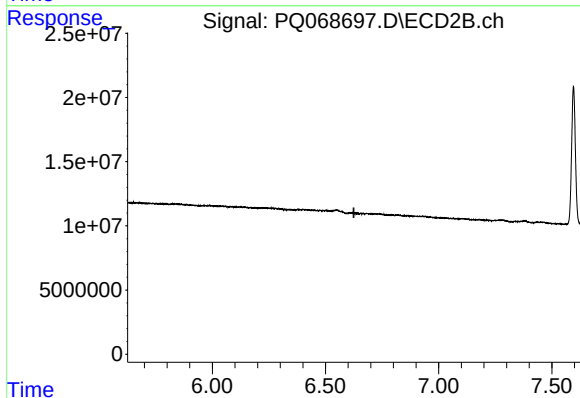
R.T.: 0.000 min  
Exp R.T. : 6.563 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

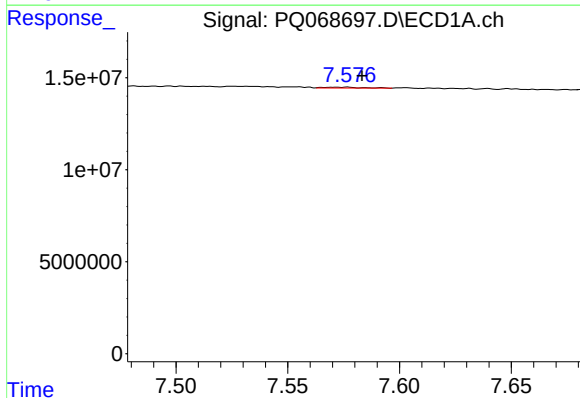
R.T.: 7.577 min  
Delta R.T.: -0.004 min  
Response: 546513  
Conc: 1.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



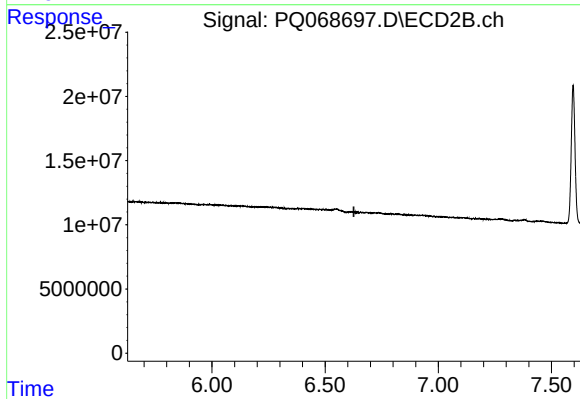
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 6.625 min  
Response: 0  
Conc: N.D.



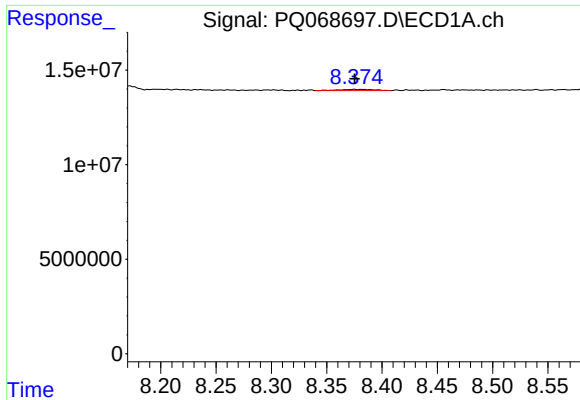
#42 AR-1268-2

R.T.: 7.577 min  
Delta R.T.: -0.007 min  
Response: 546513  
Conc: 0.76 ng/ml



#42 AR-1268-2

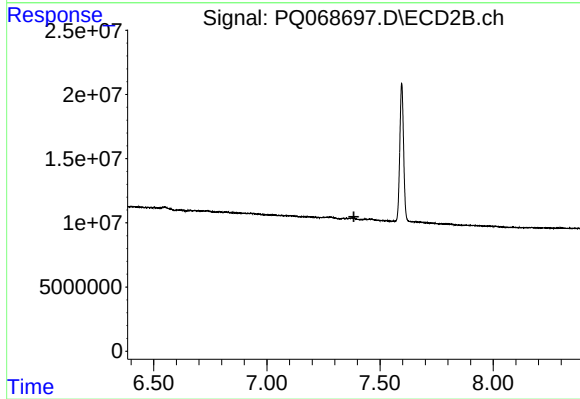
R.T.: 0.000 min  
Exp R.T. : 6.627 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.375 min  
Delta R.T.: 0.000 min  
Response: 1454702  
Conc: 0.89 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
C0AP5



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 7.384 min  
Response: 0  
Conc: N.D.