

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR051019\  
 Data File : PR037736.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 May 2019 21:13  
 Operator : SM\MA  
 Sample : K2779-01  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 RT-5124

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 10 23:13:03 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR050819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed May 08 18:26:47 2019  
 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... | 3.783 | 4.627  | 46123129 | 131.6E6  | 27.047  | 26.541   |
| 2)                          | SA Decachlor... | 8.779 | 10.388 | 27199735 | 65415879 | 11.519  | 13.790   |
| Target Compounds            |                 |       |        |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 4.866 | 5.731  | 12765961 | 2210541  | 187.592 | 12.881 # |
| 4)                          | L1 AR-1016-2    | 4.866 | 0.000  | 12765961 | 0        | 136.314 | N.D. #   |
| 5)                          | L1 AR-1016-3    | 4.991 | 0.000  | 4224167  | 0        | 88.175  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.152 | 0.000  | 1402023  | 0        | 36.595  | N.D. #   |
| 7)                          | L1 AR-1016-5    | 5.249 | 6.229  | 373738   | 1730056  | 6.863   | 13.783 # |
| 9)                          | L2 AR-1221-2    | 4.079 | 4.933  | 1186722  | 1957373  | 87.998  | 59.701 # |
| 10)                         | L2 AR-1221-3    | 4.199 | 4.933  | 1989894  | 1957373  | 46.407  | 17.582 # |
| 11)                         | L3 AR-1232-1    | 4.199 | 4.933  | 1989894  | 1957373  | 43.850  | 17.121 # |
| 12)                         | L3 AR-1232-2    | 4.866 | 0.000  | 12765961 | 0        | 239.512 | N.D. #   |
| 14)                         | L3 AR-1232-4    | 5.152 | 0.000  | 1402023  | 0        | 59.759  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.392 | 0.000  | 3021681  | 0        | 117.516 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 4.866 | 5.731  | 12765961 | 2210541  | 208.233 | 15.208 # |
| 17)                         | L4 AR-1242-2    | 4.866 | 0.000  | 12765961 | 0        | 153.349 | N.D. #   |
| 18)                         | L4 AR-1242-3    | 4.991 | 0.000  | 4224167  | 0        | 99.915  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.152 | 0.000  | 1402023  | 0        | 33.882  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 5.657 | 0.000  | 2033245  | 0        | 33.173  | N.D. #   |
| 21)                         | L5 AR-1248-1    | 4.866 | 5.731  | 12765961 | 2210541  | 297.513 | 21.527 # |
| 22)                         | L5 AR-1248-2    | 5.152 | 0.000  | 1402023  | 0        | 25.938  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 5.152 | 6.229  | 1402023  | 1730056  | 25.237  | 10.487 # |
| 24)                         | L5 AR-1248-4    | 5.249 | 0.000  | 373738   | 0        | 5.205   | N.D. #   |
| 25)                         | L5 AR-1248-5    | 5.657 | 0.000  | 2033245  | 0        | 26.823  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 5.657 | 0.000  | 2033245  | 0        | 11.347  | N.D. #   |
| 27)                         | L6 AR-1254-2    | 5.856 | 6.844  | 12368683 | 3071800  | 79.123  | 6.770 #  |
| 28)                         | L6 AR-1254-3    | 6.199 | 0.000  | 10441550 | 0        | 38.026  | N.D. #   |
| 29)                         | L6 AR-1254-4    | 6.422 | 7.490  | 4990954  | 2809652  | 26.795  | 7.069 #  |
| 30)                         | L6 AR-1254-5    | 6.839 | 7.904  | 1153773  | 3499966  | 4.510   | 8.249 #  |
| 31)                         | L7 AR-1260-1    | 6.329 | 0.000  | 5912161  | 0        | 53.978  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 6.513 | 7.618  | 4693867  | 3926248  | 33.402  | 14.031 # |
| 33)                         | L7 AR-1260-3    | 6.668 | 0.000  | 1191708  | 0        | 9.039   | N.D. #   |
| 34)                         | L7 AR-1260-4    | 0.000 | 8.202  | 0        | 1371211  | N.D.    | 5.385 #  |
| 35)                         | L7 AR-1260-5    | 7.376 | 8.534  | 1451760  | 2985458  | 4.857   | 5.551    |
| 37)                         | L8 AR-1262-2    | 7.376 | 8.534  | 1451760  | 2985458  | 2.918   | 3.429    |
| 38)                         | L8 AR-1262-3    | 7.725 | 0.000  | 1834807  | 0        | 9.897   | N.D. #   |
| 39)                         | L8 AR-1262-4    | 7.725 | 0.000  | 1834807  | 0        | 5.036   | N.D. #   |
| 41)                         | L9 AR-1268-1    | 7.725 | 0.000  | 1834807  | 0        | 3.130   | N.D. #   |
| 42)                         | L9 AR-1268-2    | 7.725 | 0.000  | 1834807  | 0        | 3.261   | N.D. #   |
| -----                       |                 |       |        |          |          |         |          |

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

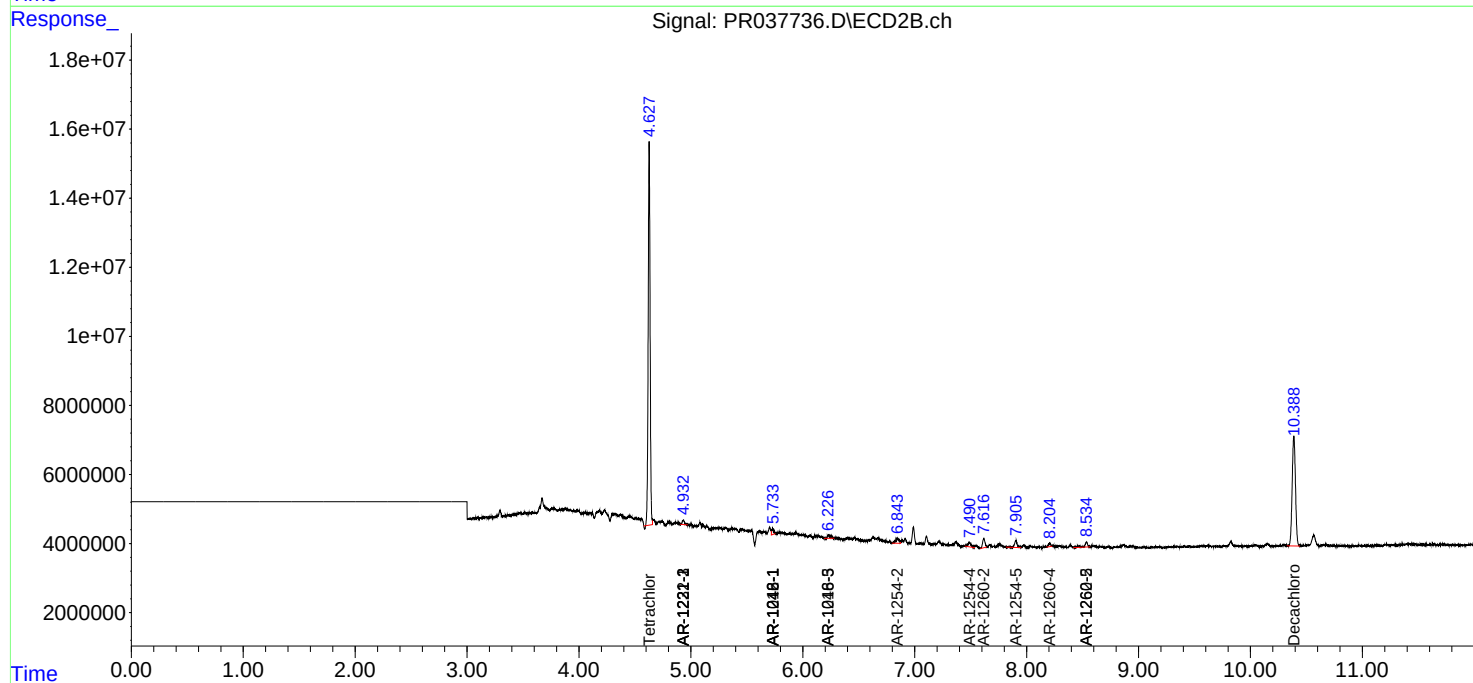
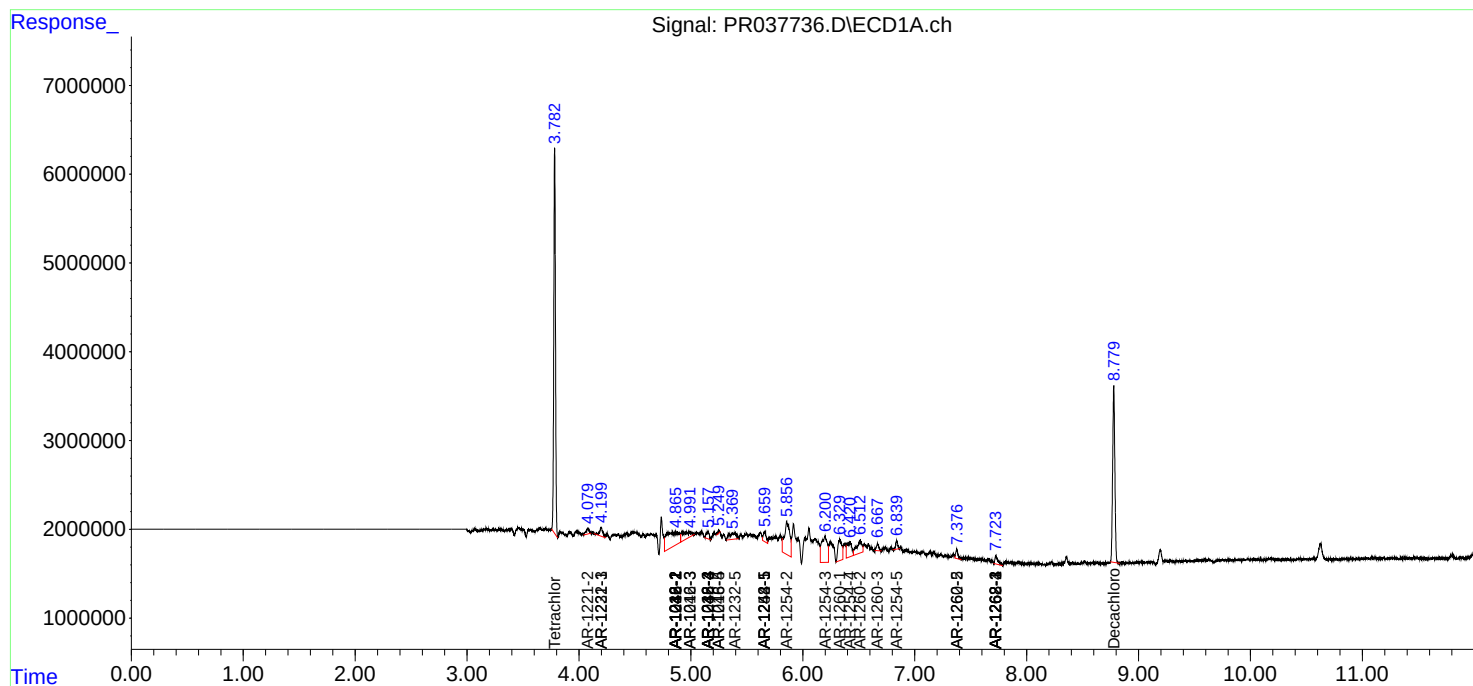
Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124

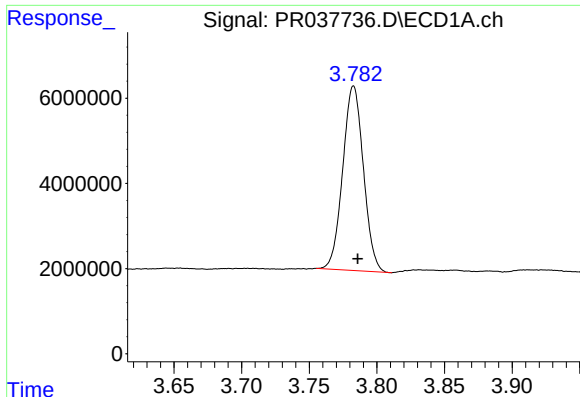
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR051019\  
Data File : PR037736.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 May 2019 21:13  
Operator : SM\MA  
Sample : K2779-01  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 10 23:13:03 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR050819.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed May 08 18:26:47 2019  
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

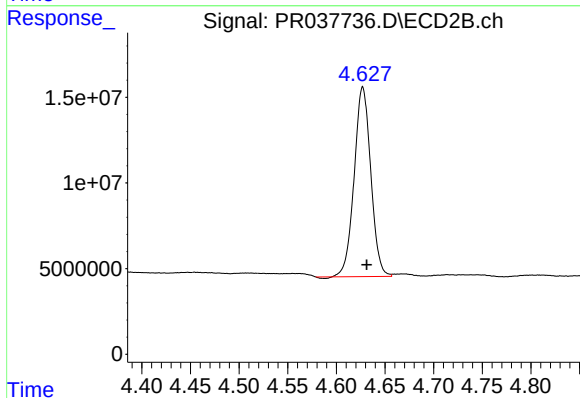




#1 Tetrachloro-m-xylene

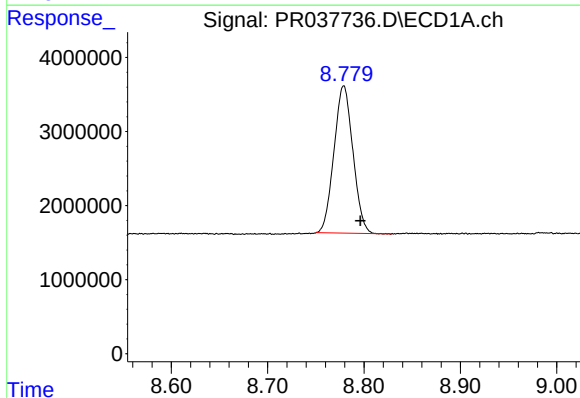
R.T.: 3.783 min  
Delta R.T.: -0.003 min  
Response: 46123129  
Conc: 27.05 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



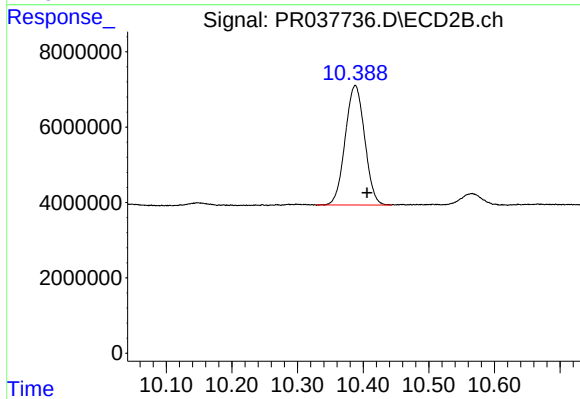
#1 Tetrachloro-m-xylene

R.T.: 4.627 min  
Delta R.T.: -0.004 min  
Response: 131646618  
Conc: 26.54 ng/ml



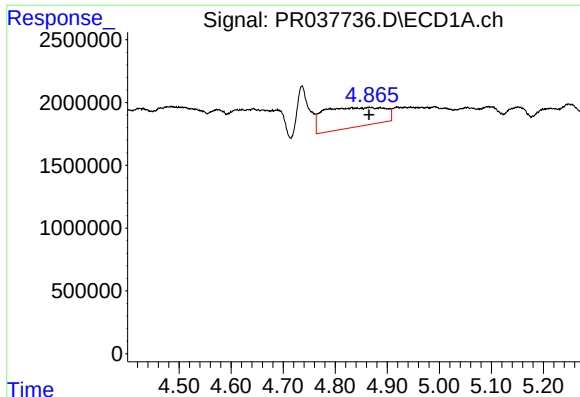
#2 Decachlorobiphenyl

R.T.: 8.779 min  
Delta R.T.: -0.017 min  
Response: 27199735  
Conc: 11.52 ng/ml



#2 Decachlorobiphenyl

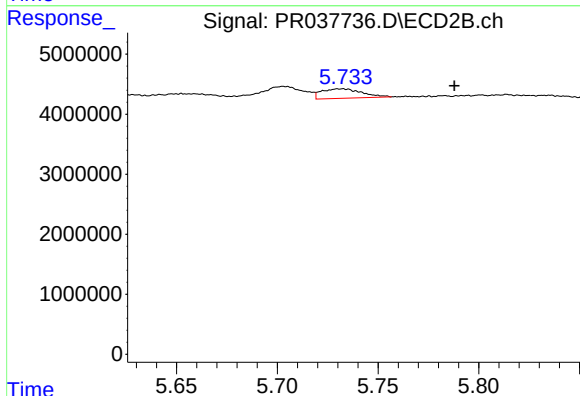
R.T.: 10.388 min  
Delta R.T.: -0.018 min  
Response: 65415879  
Conc: 13.79 ng/ml



#3 AR-1016-1

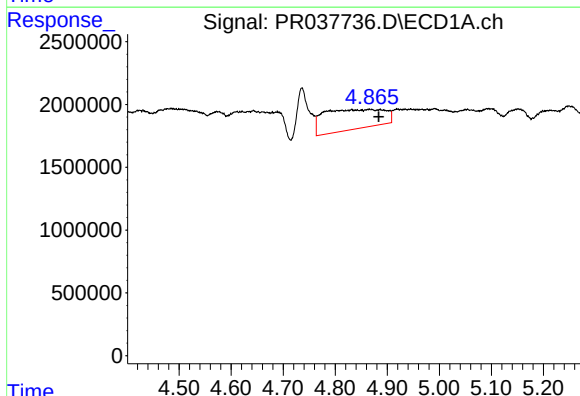
R.T.: 4.866 min  
Delta R.T.: 0.000 min  
Response: 12765961  
Conc: 187.59 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



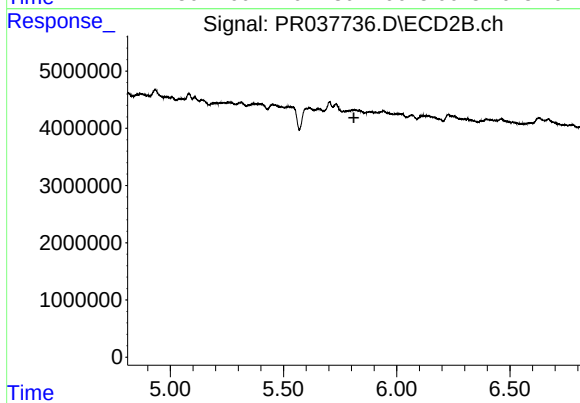
#3 AR-1016-1

R.T.: 5.731 min  
Delta R.T.: -0.056 min  
Response: 2210541  
Conc: 12.88 ng/ml



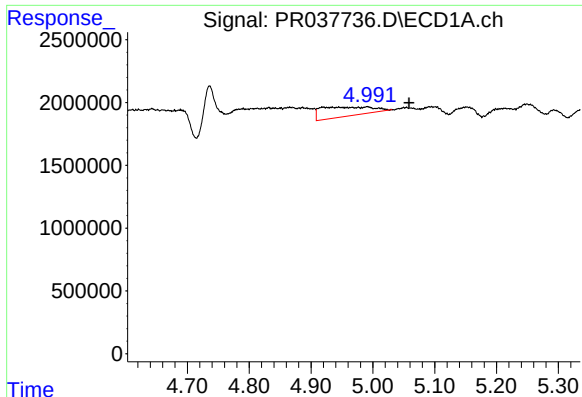
#4 AR-1016-2

R.T.: 4.866 min  
Delta R.T.: -0.018 min  
Response: 12765961  
Conc: 136.31 ng/ml



#4 AR-1016-2

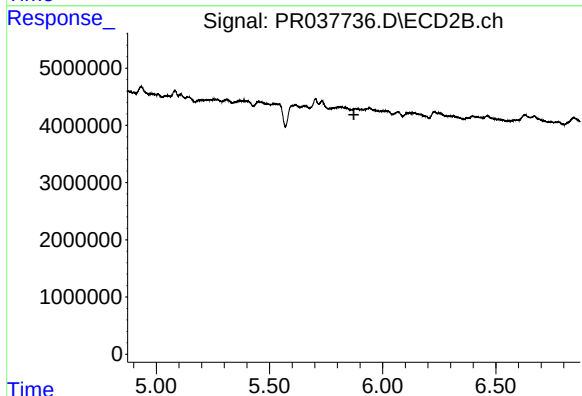
R.T.: 0.000 min  
Exp R.T.: 5.811 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

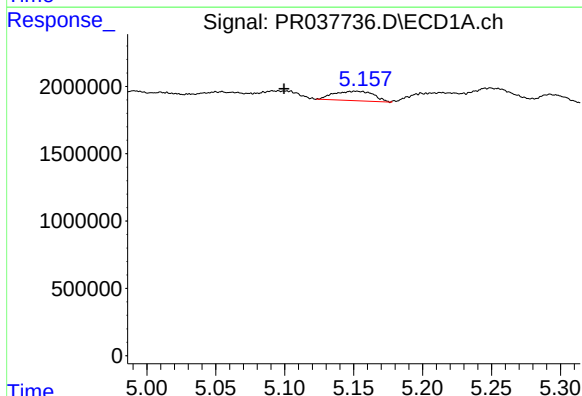
R.T.: 4.991 min  
Delta R.T.: -0.068 min  
Response: 4224167  
Conc: 88.17 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



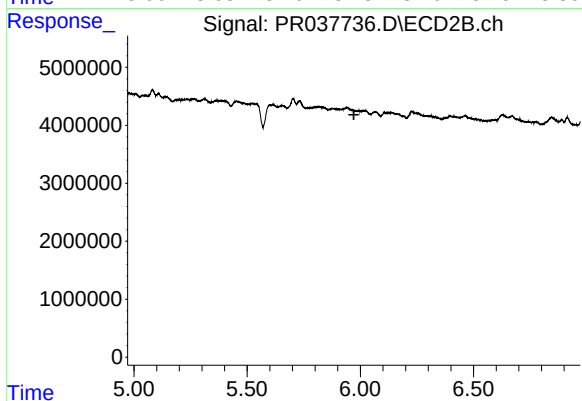
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.873 min  
Response: 0  
Conc: N.D.



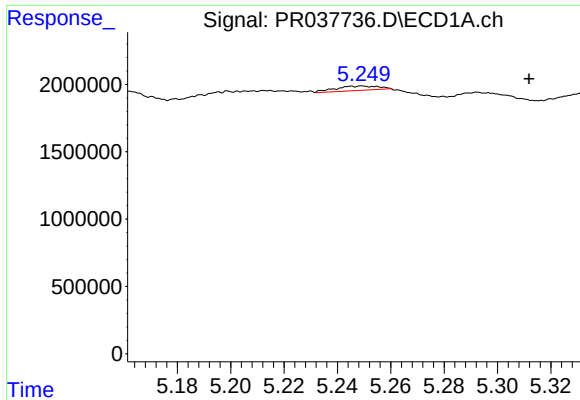
#6 AR-1016-4

R.T.: 5.152 min  
Delta R.T.: 0.052 min  
Response: 1402023  
Conc: 36.59 ng/ml



#6 AR-1016-4

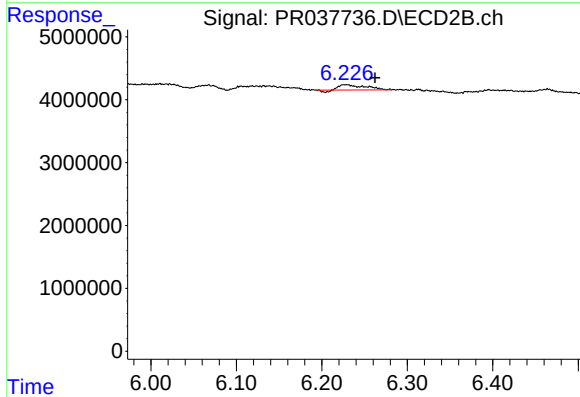
R.T.: 0.000 min  
Exp R.T. : 5.971 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

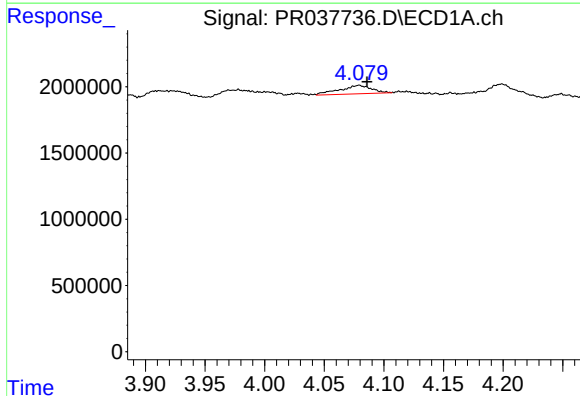
R.T.: 5.249 min  
Delta R.T.: -0.063 min  
Response: 373738  
Conc: 6.86 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



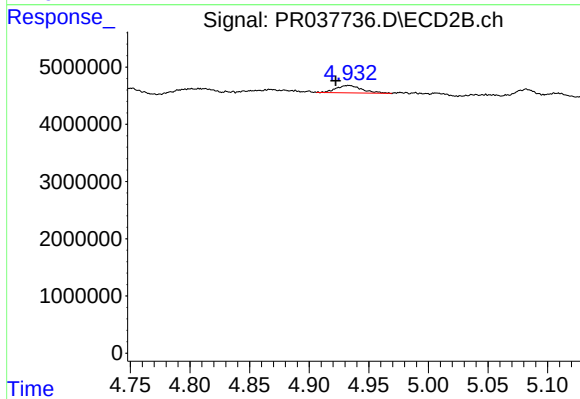
#7 AR-1016-5

R.T.: 6.229 min  
Delta R.T.: -0.034 min  
Response: 1730056  
Conc: 13.78 ng/ml



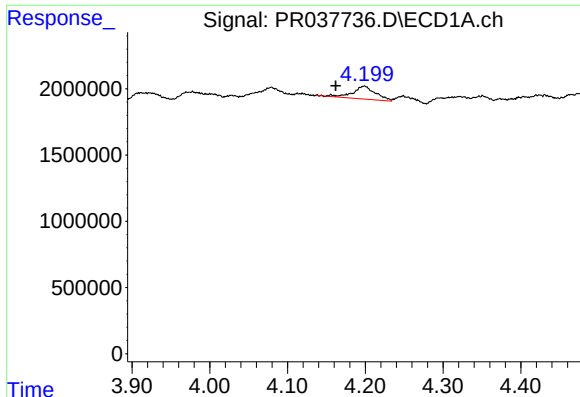
#9 AR-1221-2

R.T.: 4.079 min  
Delta R.T.: -0.007 min  
Response: 1186722  
Conc: 88.00 ng/ml



#9 AR-1221-2

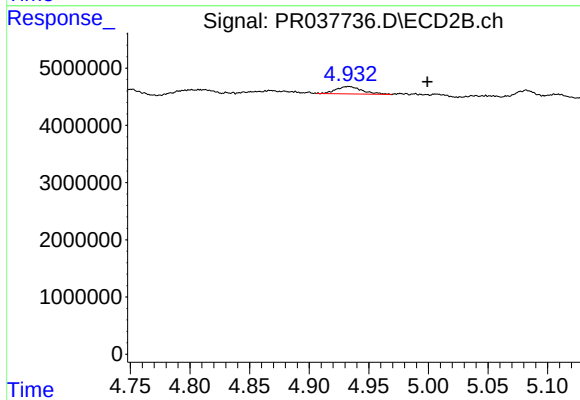
R.T.: 4.933 min  
Delta R.T.: 0.011 min  
Response: 1957373  
Conc: 59.70 ng/ml



#10 AR-1221-3

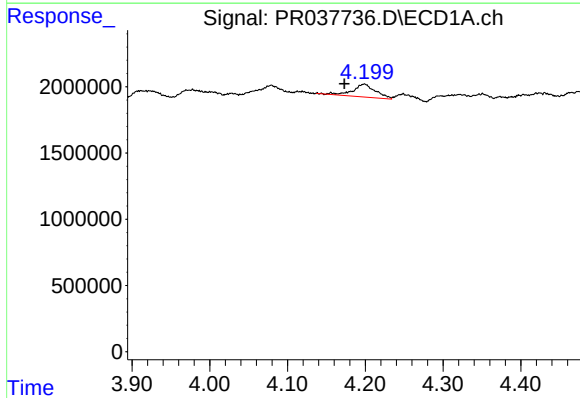
R.T.: 4.199 min  
Delta R.T.: 0.037 min  
Response: 1989894  
Conc: 46.41 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



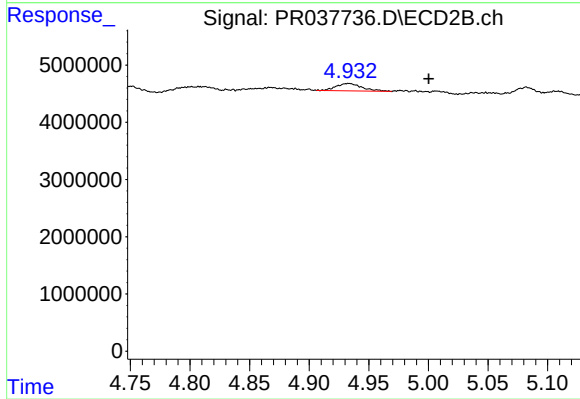
#10 AR-1221-3

R.T.: 4.933 min  
Delta R.T.: -0.066 min  
Response: 1957373  
Conc: 17.58 ng/ml



#11 AR-1232-1

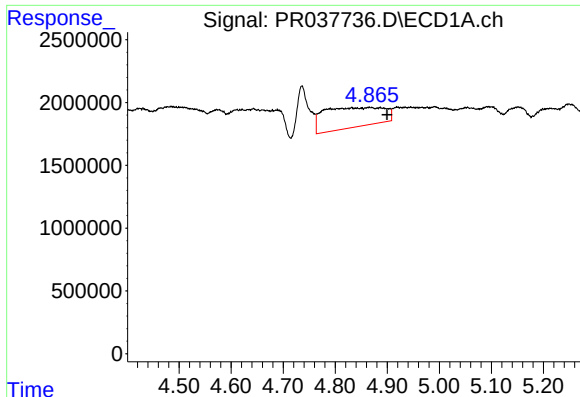
R.T.: 4.199 min  
Delta R.T.: 0.026 min  
Response: 1989894  
Conc: 43.85 ng/ml



#11 AR-1232-1

R.T.: 4.933 min  
Delta R.T.: -0.067 min  
Response: 1957373  
Conc: 17.12 ng/ml

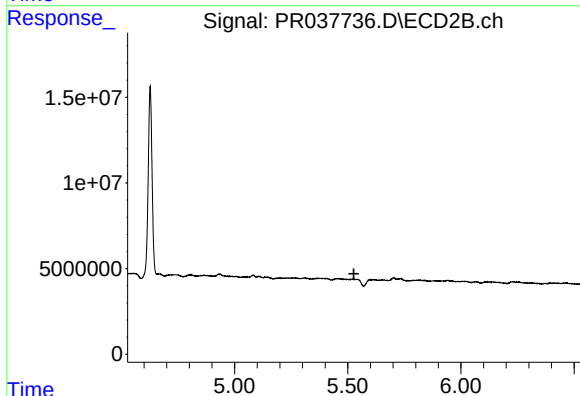




#12 AR-1232-2

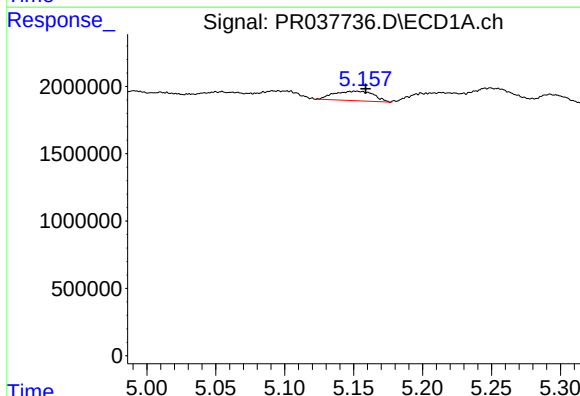
R.T.: 4.866 min  
Delta R.T.: -0.034 min  
Response: 12765961  
Conc: 239.51 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



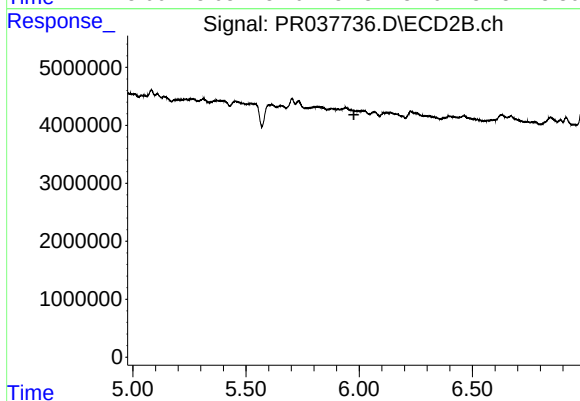
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.527 min  
Response: 0  
Conc: N.D.



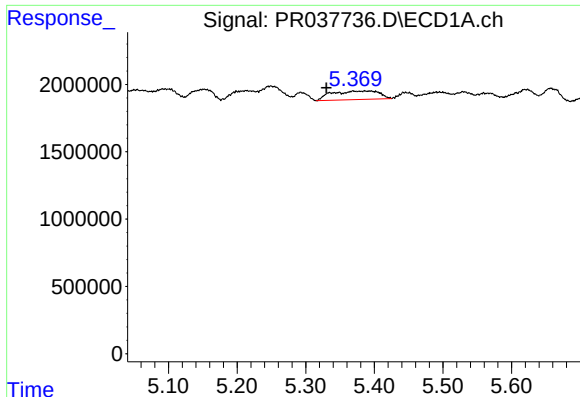
#14 AR-1232-4

R.T.: 5.152 min  
Delta R.T.: -0.007 min  
Response: 1402023  
Conc: 59.76 ng/ml



#14 AR-1232-4

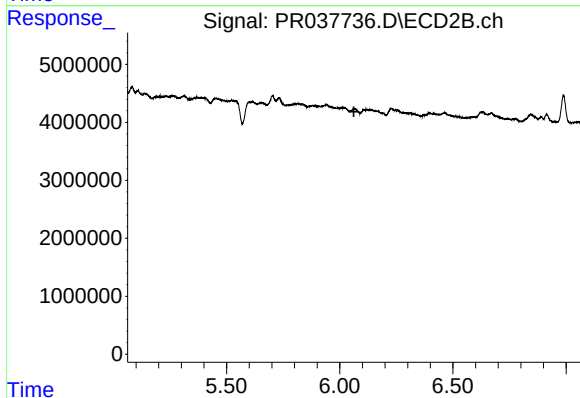
R.T.: 0.000 min  
Exp R.T. : 5.977 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

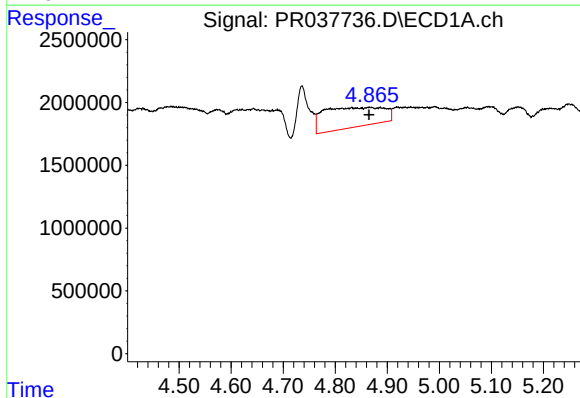
R.T.: 5.392 min  
Delta R.T.: 0.062 min  
Response: 3021681  
Conc: 117.52 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



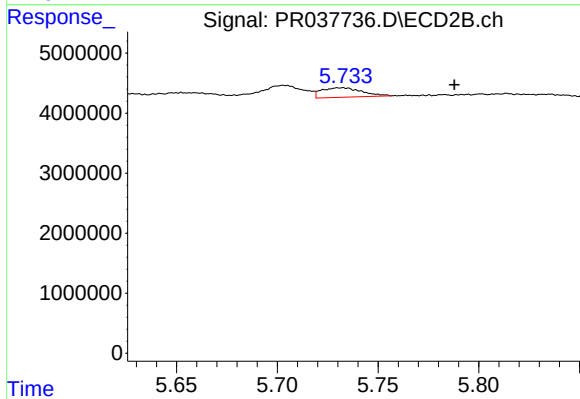
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.063 min  
Response: 0  
Conc: N.D.



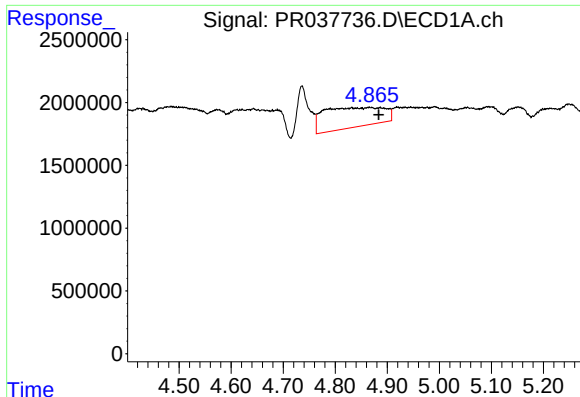
#16 AR-1242-1

R.T.: 4.866 min  
Delta R.T.: 0.000 min  
Response: 12765961  
Conc: 208.23 ng/ml



#16 AR-1242-1

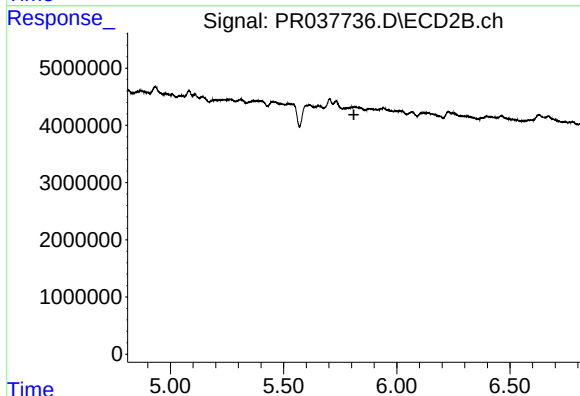
R.T.: 5.731 min  
Delta R.T.: -0.056 min  
Response: 2210541  
Conc: 15.21 ng/ml



#17 AR-1242-2

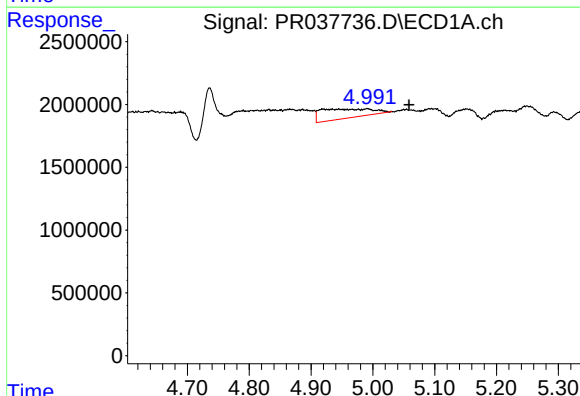
R.T.: 4.866 min  
Delta R.T.: -0.018 min  
Response: 12765961  
Conc: 153.35 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



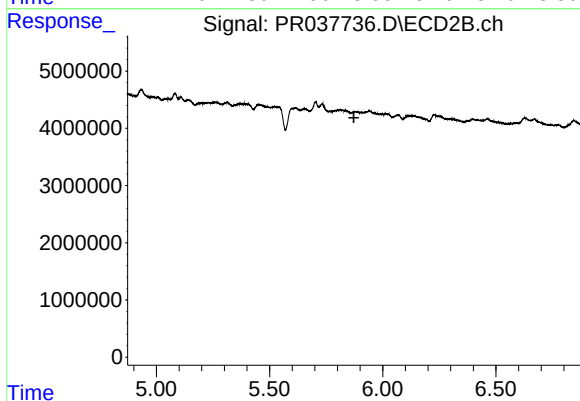
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.810 min  
Response: 0  
Conc: N.D.



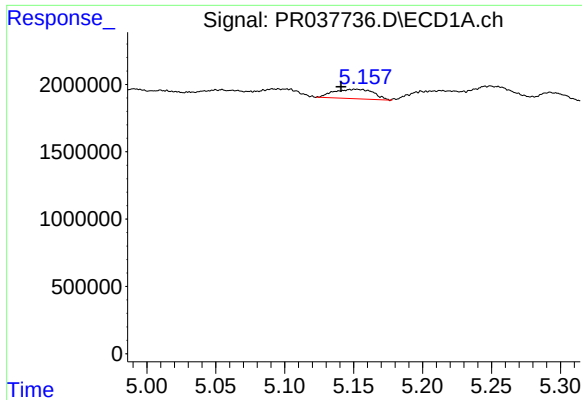
#18 AR-1242-3

R.T.: 4.991 min  
Delta R.T.: -0.068 min  
Response: 4224167  
Conc: 99.92 ng/ml



#18 AR-1242-3

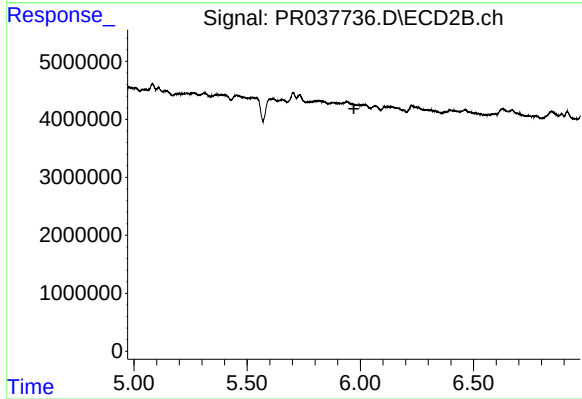
R.T.: 0.000 min  
Exp R.T. : 5.872 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

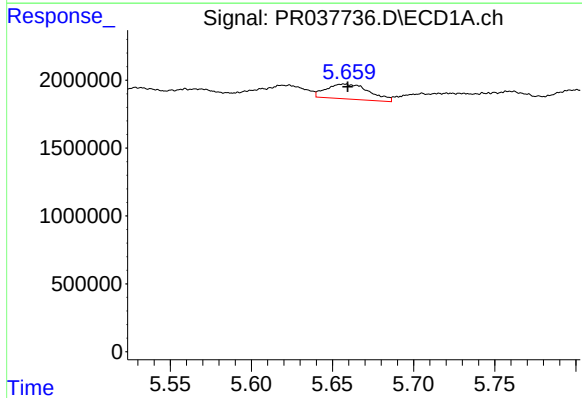
R.T.: 5.152 min  
Delta R.T.: 0.011 min  
Response: 1402023  
Conc: 33.88 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



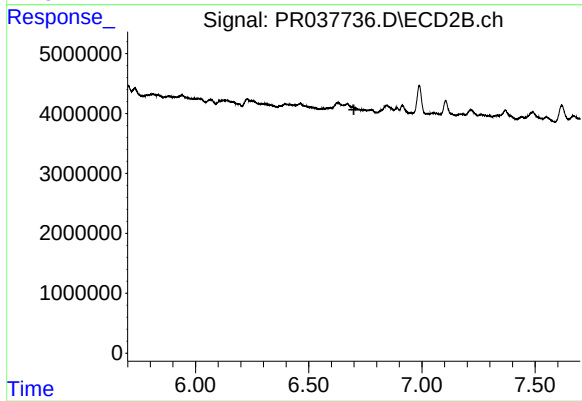
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.972 min  
Response: 0  
Conc: N.D.



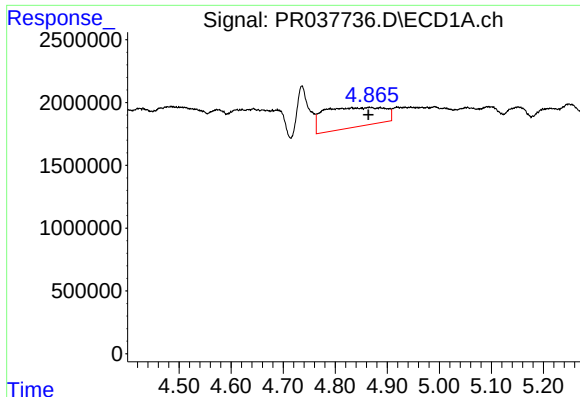
#20 AR-1242-5

R.T.: 5.657 min  
Delta R.T.: -0.002 min  
Response: 2033245  
Conc: 33.17 ng/ml



#20 AR-1242-5

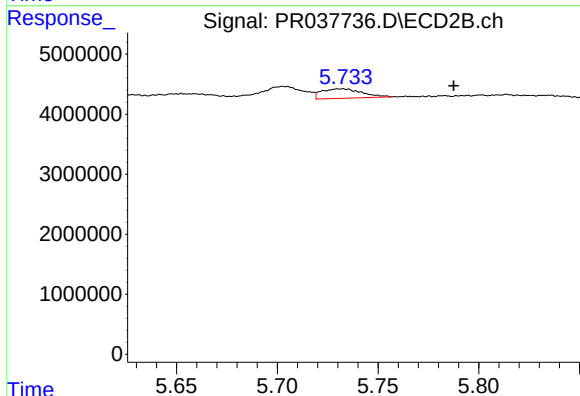
R.T.: 0.000 min  
Exp R.T. : 6.700 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

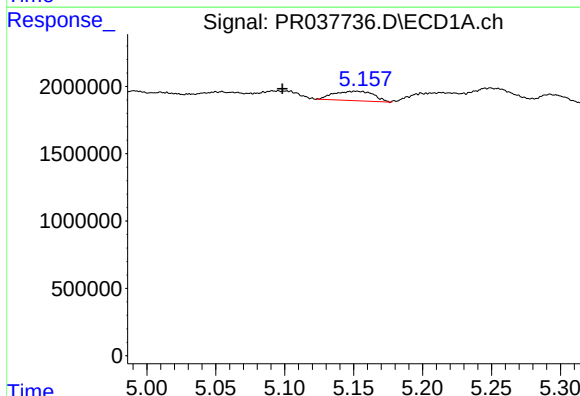
R.T.: 4.866 min  
Delta R.T.: 0.002 min  
Response: 12765961  
Conc: 297.51 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



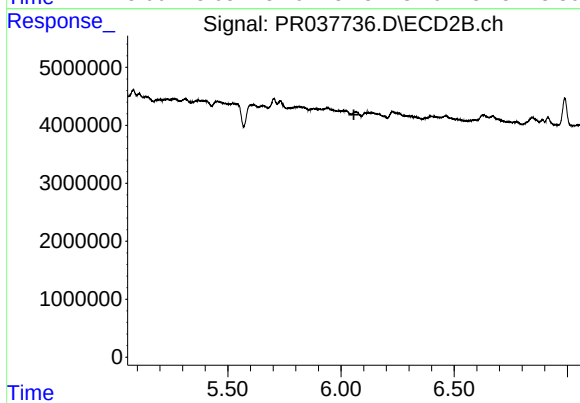
#21 AR-1248-1

R.T.: 5.731 min  
Delta R.T.: -0.056 min  
Response: 2210541  
Conc: 21.53 ng/ml



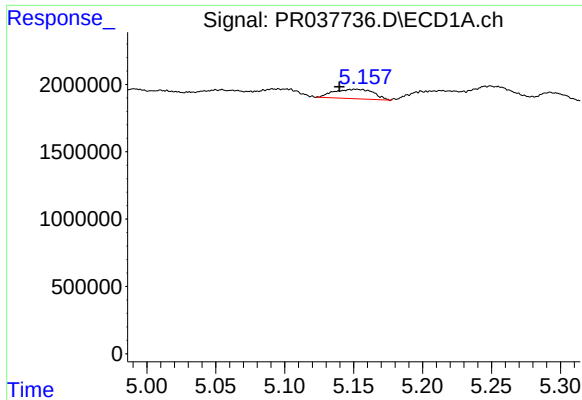
#22 AR-1248-2

R.T.: 5.152 min  
Delta R.T.: 0.053 min  
Response: 1402023  
Conc: 25.94 ng/ml



#22 AR-1248-2

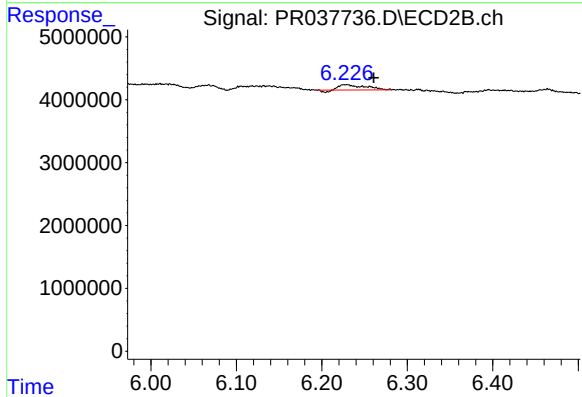
R.T.: 0.000 min  
Exp R.T.: 6.057 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

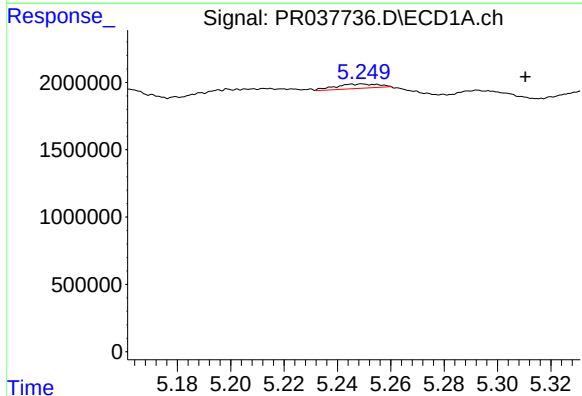
R.T.: 5.152 min  
Delta R.T.: 0.012 min  
Response: 1402023  
Conc: 25.24 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



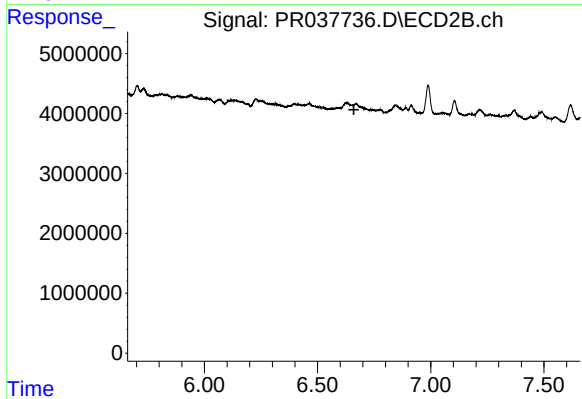
#23 AR-1248-3

R.T.: 6.229 min  
Delta R.T.: -0.032 min  
Response: 1730056  
Conc: 10.49 ng/ml



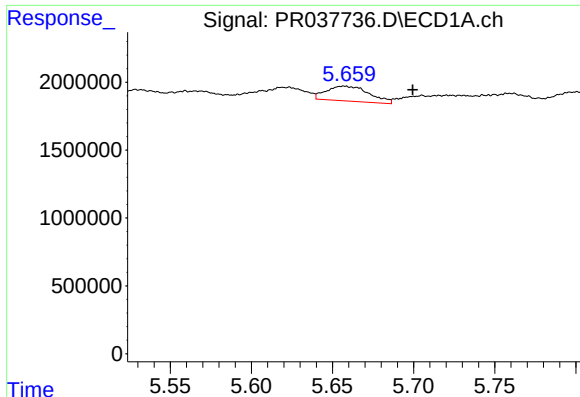
#24 AR-1248-4

R.T.: 5.249 min  
Delta R.T.: -0.061 min  
Response: 373738  
Conc: 5.21 ng/ml



#24 AR-1248-4

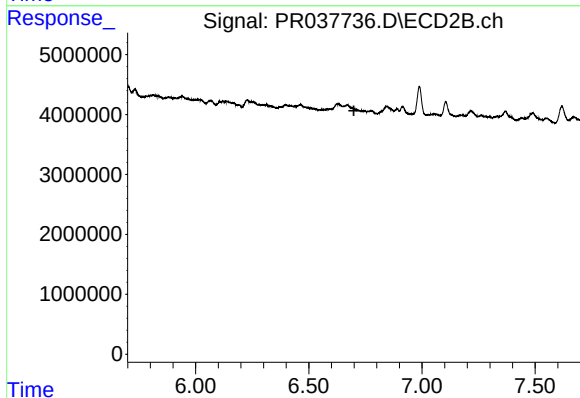
R.T.: 0.000 min  
Exp R.T.: 6.661 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

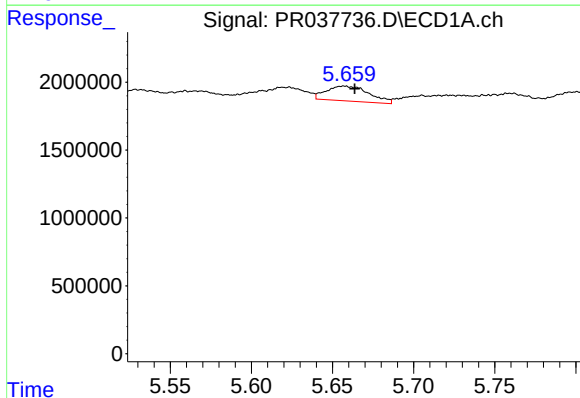
R.T.: 5.657 min  
Delta R.T.: -0.042 min  
Response: 2033245  
Conc: 26.82 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



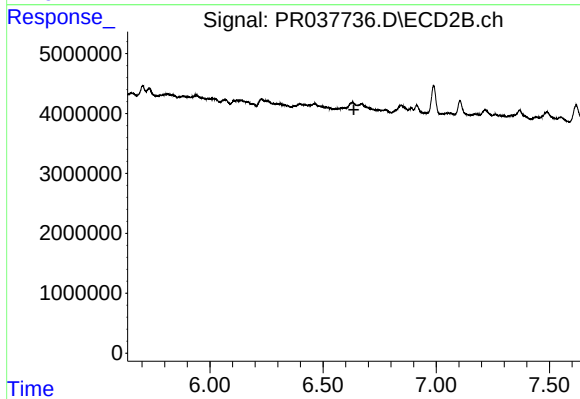
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.699 min  
Response: 0  
Conc: N.D.



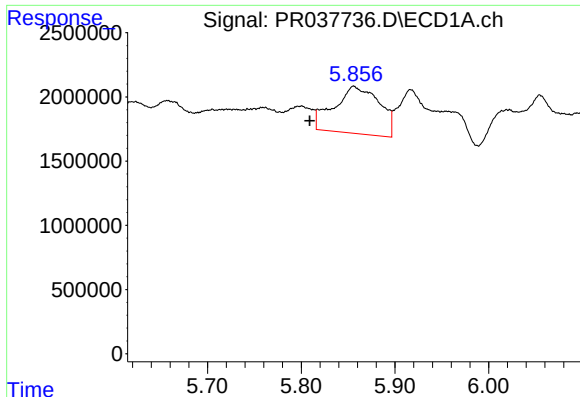
#26 AR-1254-1

R.T.: 5.657 min  
Delta R.T.: -0.007 min  
Response: 2033245  
Conc: 11.35 ng/ml



#26 AR-1254-1

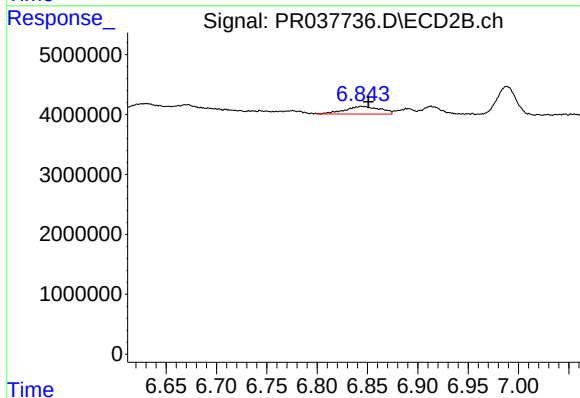
R.T.: 0.000 min  
Exp R.T. : 6.636 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

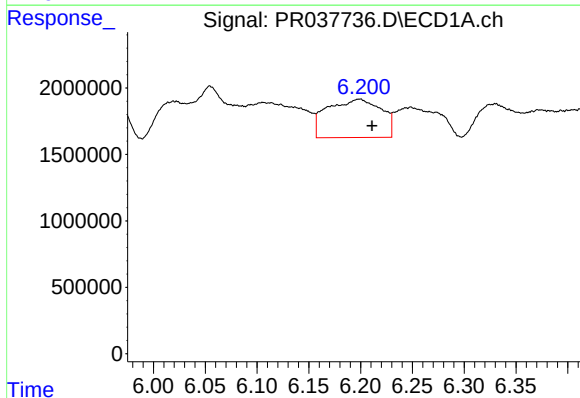
R.T.: 5.856 min  
Delta R.T.: 0.047 min  
Response: 12368683  
Conc: 79.12 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



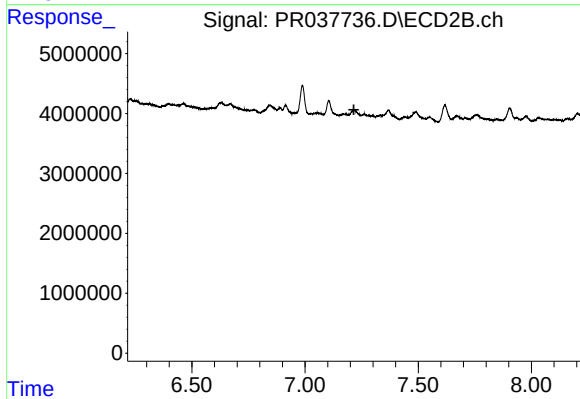
#27 AR-1254-2

R.T.: 6.844 min  
Delta R.T.: -0.007 min  
Response: 3071800  
Conc: 6.77 ng/ml



#28 AR-1254-3

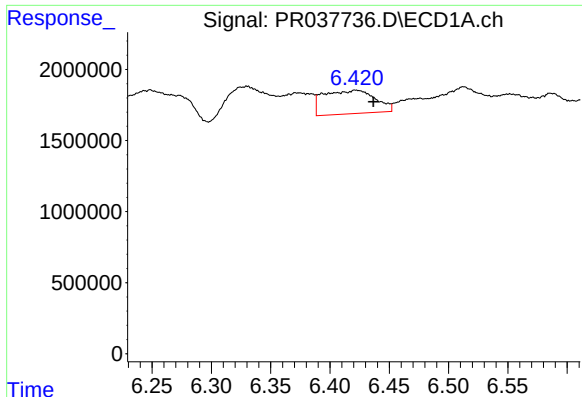
R.T.: 6.199 min  
Delta R.T.: -0.013 min  
Response: 10441550  
Conc: 38.03 ng/ml



#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 7.216 min  
Response: 0  
Conc: N.D.

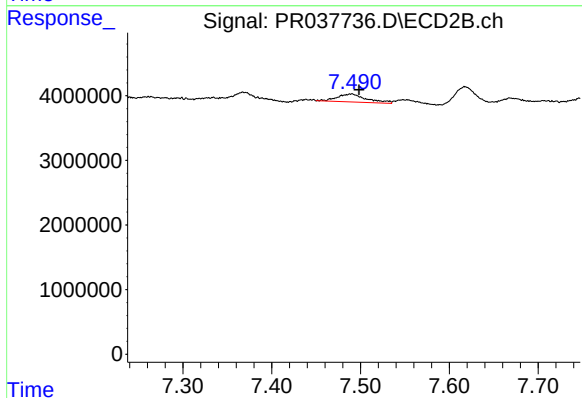




#29 AR-1254-4

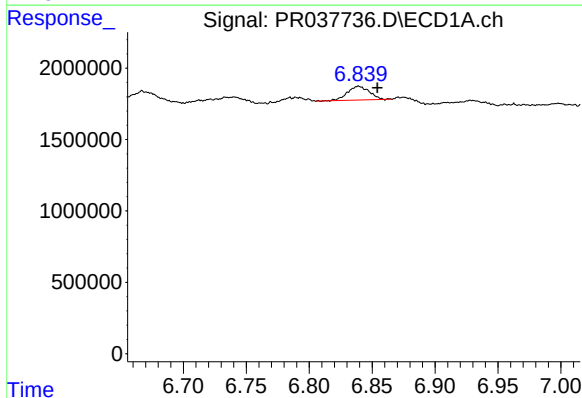
R.T.: 6.422 min  
Delta R.T.: -0.014 min  
Response: 4990954  
Conc: 26.80 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



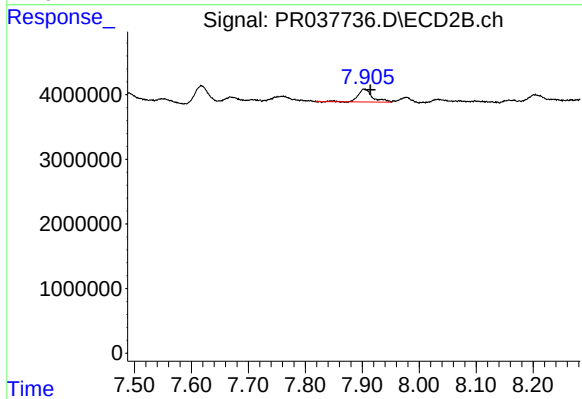
#29 AR-1254-4

R.T.: 7.490 min  
Delta R.T.: -0.008 min  
Response: 2809652  
Conc: 7.07 ng/ml



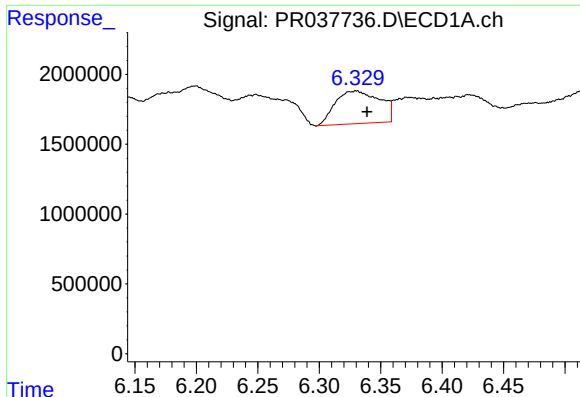
#30 AR-1254-5

R.T.: 6.839 min  
Delta R.T.: -0.015 min  
Response: 1153773  
Conc: 4.51 ng/ml



#30 AR-1254-5

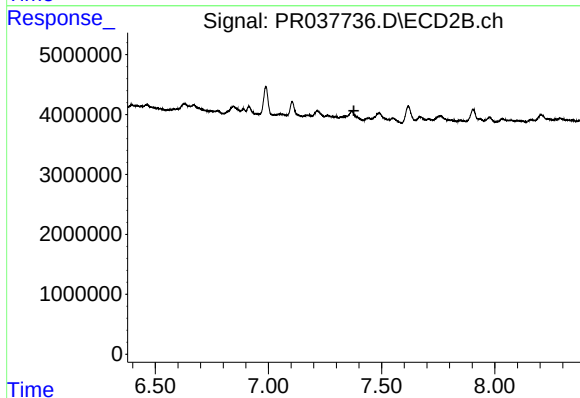
R.T.: 7.904 min  
Delta R.T.: -0.011 min  
Response: 3499966  
Conc: 8.25 ng/ml



#31 AR-1260-1

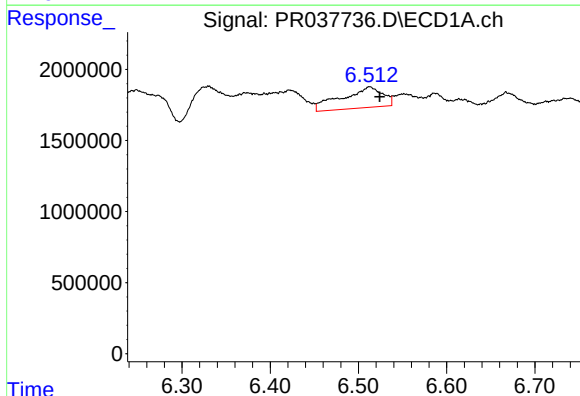
R.T.: 6.329 min  
Delta R.T.: -0.010 min  
Response: 5912161  
Conc: 53.98 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



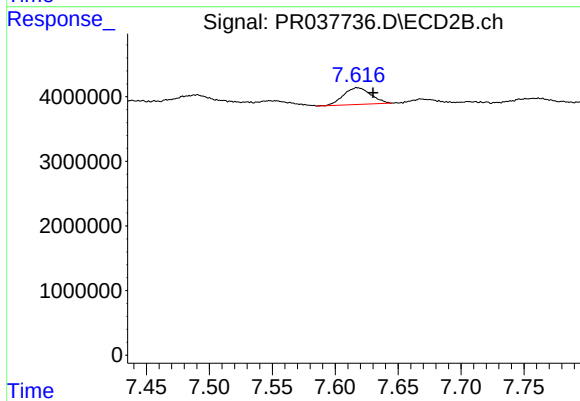
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.377 min  
Response: 0  
Conc: N.D.



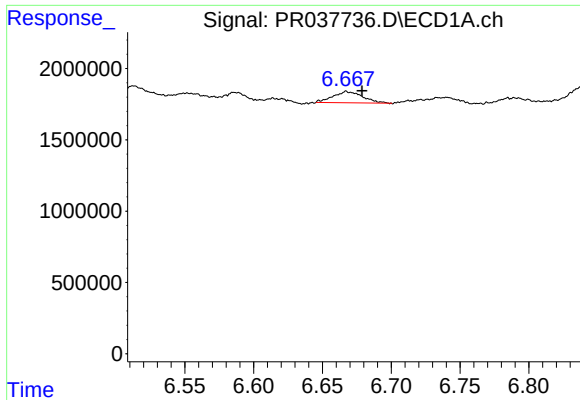
#32 AR-1260-2

R.T.: 6.513 min  
Delta R.T.: -0.011 min  
Response: 4693867  
Conc: 33.40 ng/ml



#32 AR-1260-2

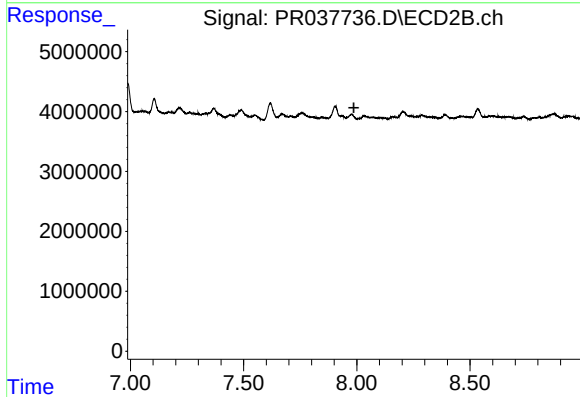
R.T.: 7.618 min  
Delta R.T.: -0.013 min  
Response: 3926248  
Conc: 14.03 ng/ml



#33 AR-1260-3

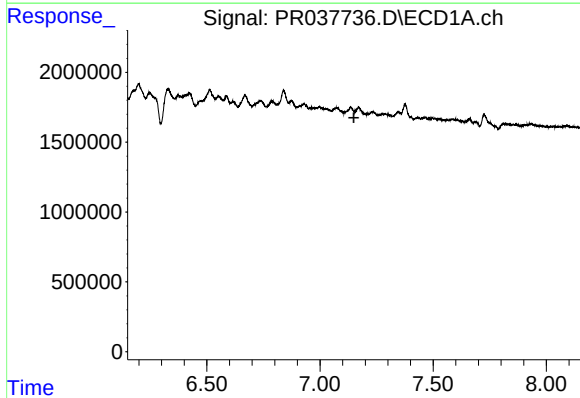
R.T.: 6.668 min  
Delta R.T.: -0.011 min  
Response: 1191708  
Conc: 9.04 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



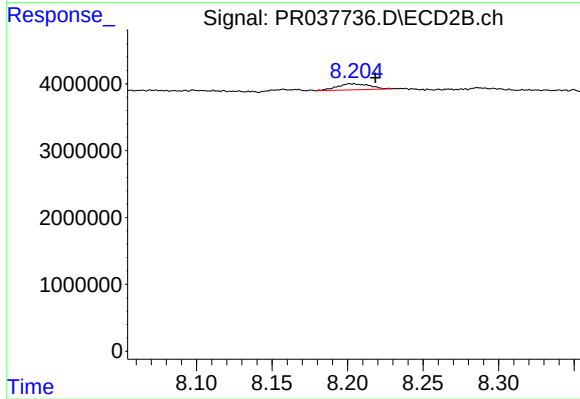
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.987 min  
Response: 0  
Conc: N.D.



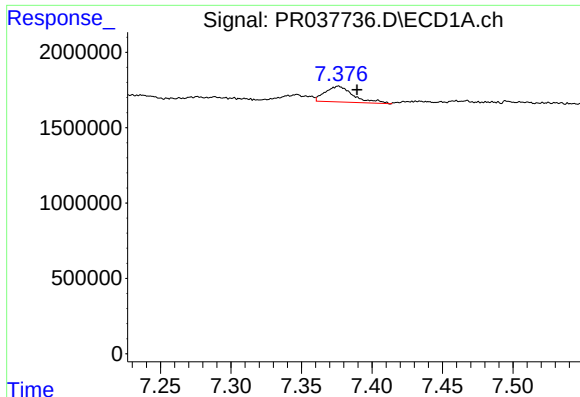
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.150 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

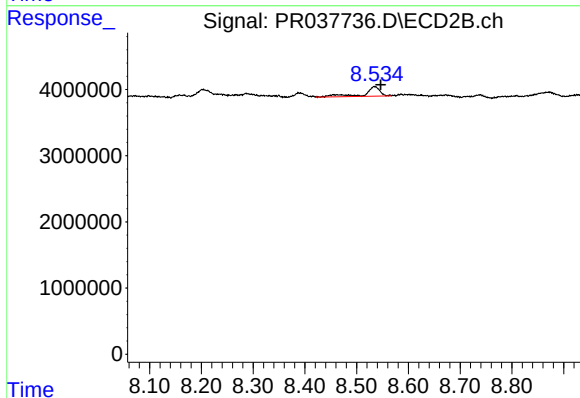
R.T.: 8.202 min  
Delta R.T.: -0.016 min  
Response: 1371211  
Conc: 5.39 ng/ml



#35 AR-1260-5

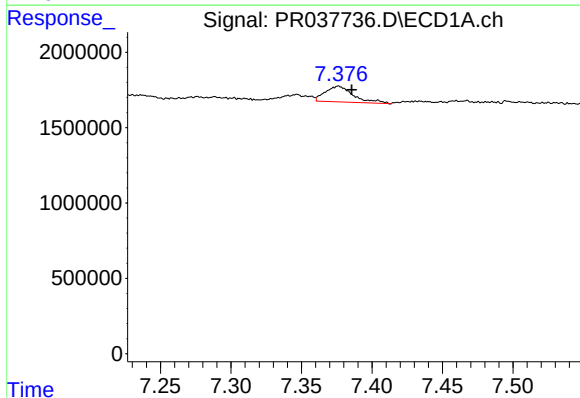
R.T.: 7.376 min  
Delta R.T.: -0.013 min  
Response: 1451760  
Conc: 4.86 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



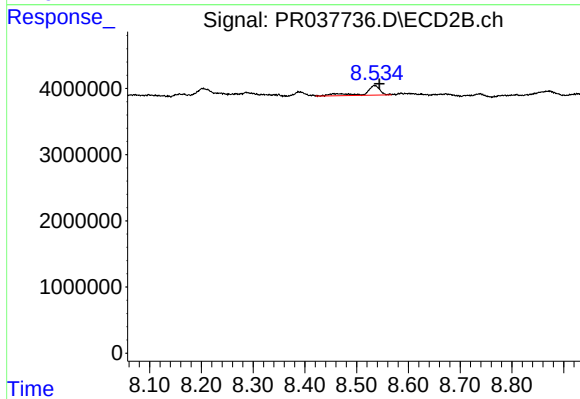
#35 AR-1260-5

R.T.: 8.534 min  
Delta R.T.: -0.012 min  
Response: 2985458  
Conc: 5.55 ng/ml



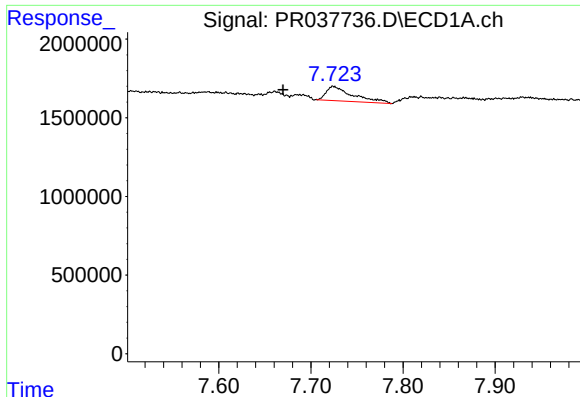
#37 AR-1262-2

R.T.: 7.376 min  
Delta R.T.: -0.010 min  
Response: 1451760  
Conc: 2.92 ng/ml



#37 AR-1262-2

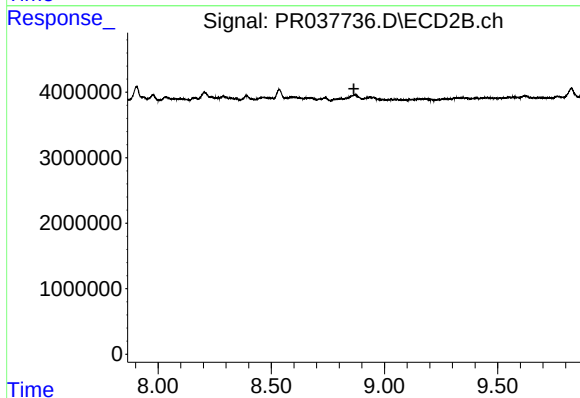
R.T.: 8.534 min  
Delta R.T.: -0.010 min  
Response: 2985458  
Conc: 3.43 ng/ml



#38 AR-1262-3

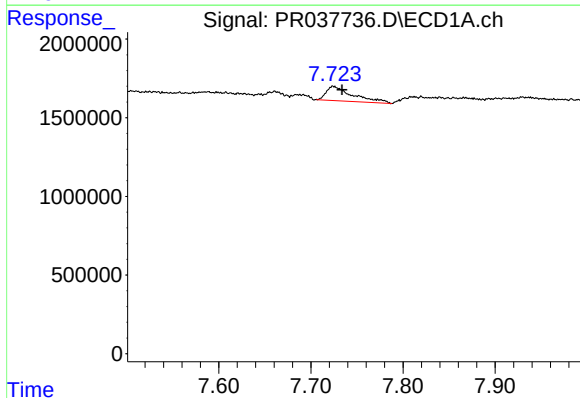
R.T.: 7.725 min  
Delta R.T.: 0.055 min  
Response: 1834807  
Conc: 9.90 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



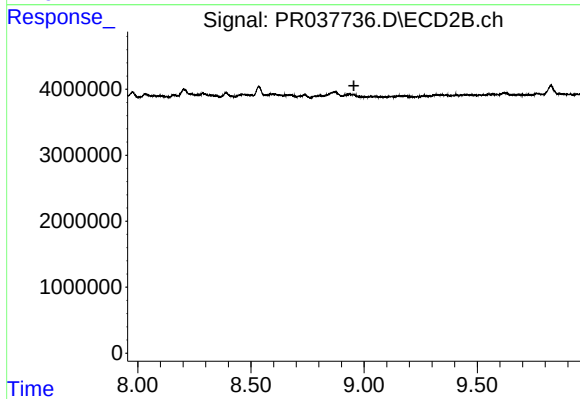
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.865 min  
Response: 0  
Conc: N.D.



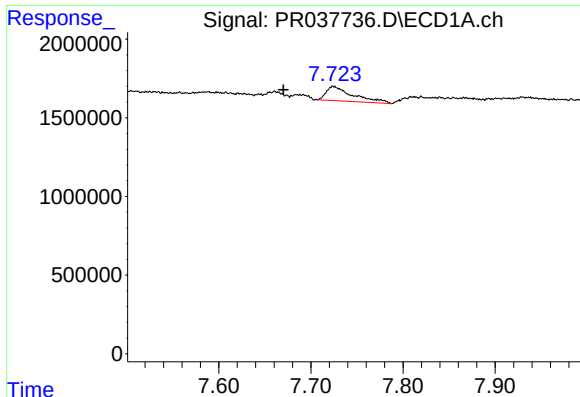
#39 AR-1262-4

R.T.: 7.725 min  
Delta R.T.: -0.009 min  
Response: 1834807  
Conc: 5.04 ng/ml



#39 AR-1262-4

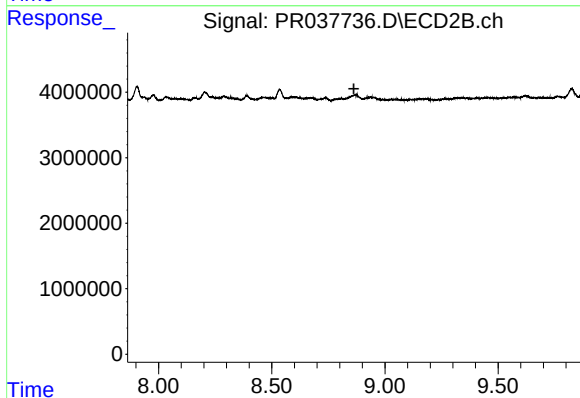
R.T.: 0.000 min  
Exp R.T. : 8.955 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

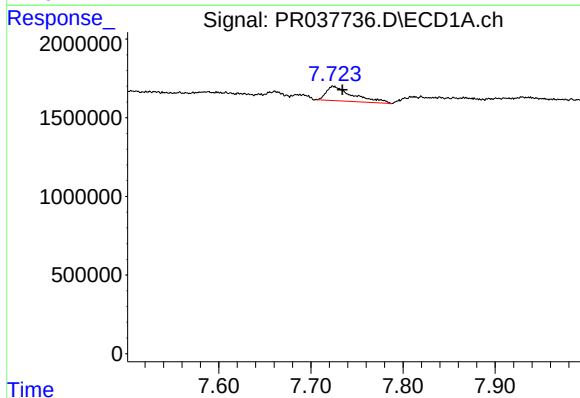
R.T.: 7.725 min  
Delta R.T.: 0.055 min  
Response: 1834807  
Conc: 3.13 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RT-5124



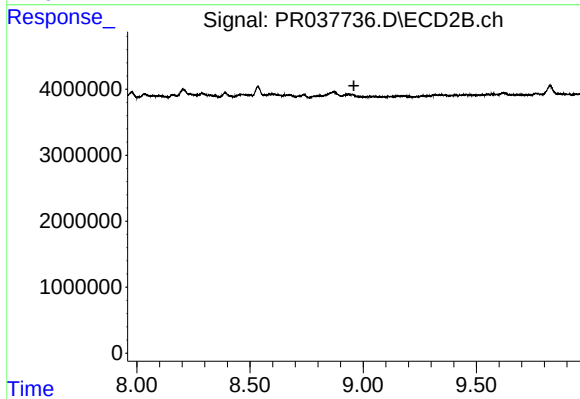
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.863 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.725 min  
Delta R.T.: -0.010 min  
Response: 1834807  
Conc: 3.26 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.959 min  
Response: 0  
Conc: N.D.