

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR102422\  
 Data File : PR057602.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2022 18:51  
 Operator : AJ\MA  
 Sample : N4955-01  
 Misc : AR1221 LOD 25 PPB  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 22:32:41 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR102422.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Oct 24 18:17:24 2022  
 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... | 3.692  | 2.925  | 46472211 | 42683431 | 22.125 | 21.213   |
| 2)                          | SA Decachlor... | 9.632  | 8.185  | 48472924 | 50365028 | 21.924 | 21.332   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 4.921  | 4.062f | 248329   | 385700   | 3.188  | 5.993 #  |
| 4)                          | L1 AR-1016-2    | 4.939  | 4.062  | 224828   | 385700   | 2.125  | 4.015 #  |
| 5)                          | L1 AR-1016-3    | 5.017  | 0.000  | 181432   | 0        | 2.680  | N.D. #   |
| 7)                          | L1 AR-1016-5    | 5.431  | 4.510  | 172342   | 528963   | 2.802  | 10.599 # |
| 8)                          | L2 AR-1221-1    | 3.915  | 3.151  | 1013167  | 585457   | 35.546 | 25.611 # |
| 9)                          | L2 AR-1221-2    | 4.004  | 3.230  | 1229766  | 871065   | 59.203 | 48.657   |
| 10)                         | L2 AR-1221-3    | 4.082  | 3.313  | 1934390  | 1334766  | 32.077 | 24.766   |
| 11)                         | L3 AR-1232-1    | 4.082  | 3.313  | 1934390  | 1334766  | 41.915 | 32.569   |
| 12)                         | L3 AR-1232-2    | 4.633  | 4.062  | 224542   | 385700   | 8.357  | 8.833    |
| 13)                         | L3 AR-1232-3    | 4.939  | 0.000  | 224828   | 0        | 4.536  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.215  | 4.510  | 105179   | 528963   | 5.455  | 23.885 # |
| 16)                         | L4 AR-1242-1    | 4.921  | 4.062f | 248329   | 385700   | 4.044  | 7.709 #  |
| 17)                         | L4 AR-1242-2    | 4.939  | 4.062  | 224828   | 385700   | 2.722  | 5.161 #  |
| 18)                         | L4 AR-1242-3    | 5.017  | 0.000  | 181432   | 0        | 3.413  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 5.888f | 4.901f | 338880   | 470044   | 5.379  | 9.717 #  |
| 21)                         | L5 AR-1248-1    | 4.921  | 4.062f | 248329   | 385700   | 5.396  | 10.137 # |
| 22)                         | L5 AR-1248-2    | 5.215  | 0.000  | 105179   | 0        | 1.710  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 5.431  | 0.000  | 172342   | 0        | 2.152  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 5.888f | 4.510  | 338880   | 528963   | 3.206  | 8.209 #  |
| 25)                         | L5 AR-1248-5    | 5.888  | 4.901f | 338880   | 470044   | 3.247  | 6.825 #  |
| 26)                         | L6 AR-1254-1    | 5.833  | 4.901f | 644670   | 470044   | 5.911  | 4.860    |
| 27)                         | L6 AR-1254-2    | 6.076  | 5.043  | 351750   | 130616   | 1.953  | 1.549    |
| 28)                         | L6 AR-1254-3    | 6.454  | 0.000  | 162997   | 0        | 0.810  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 6.912f | 0.000  | 95271    | 0        | 0.490  | N.D. #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 5.968  | 0        | 242998   | N.D.   | 2.065 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.039  | 0        | 462258   | N.D.   | 4.534 #  |
| 39)                         | L8 AR-1262-4    | 8.276f | 7.081f | 183770   | 59633    | 2.200  | 0.289 #  |
| 40)                         | L8 AR-1262-5    | 8.950f | 0.000  | 211169   | 0        | 2.061  | N.D. #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.039  | 0        | 462258   | N.D.   | 1.478 #  |
| 42)                         | L9 AR-1268-2    | 8.276f | 7.081f | 183770   | 59633    | 0.575  | 0.187 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.331  | 0        | 1745725  | N.D.   | 6.411 #  |
| 44)                         | L9 AR-1268-4    | 8.950f | 0.000  | 211169   | 0        | 1.864  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 9.314  | 7.940  | 423166   | -55271   | 0.532  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

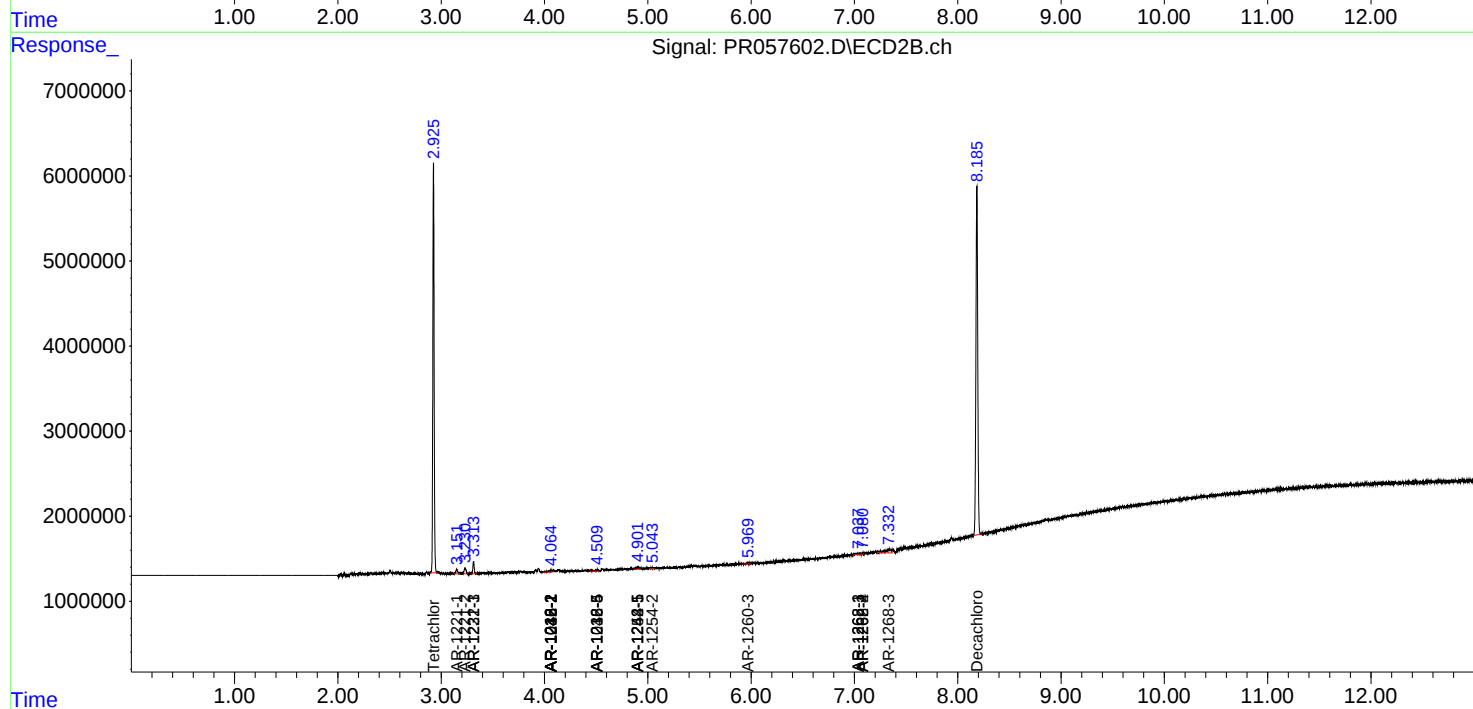
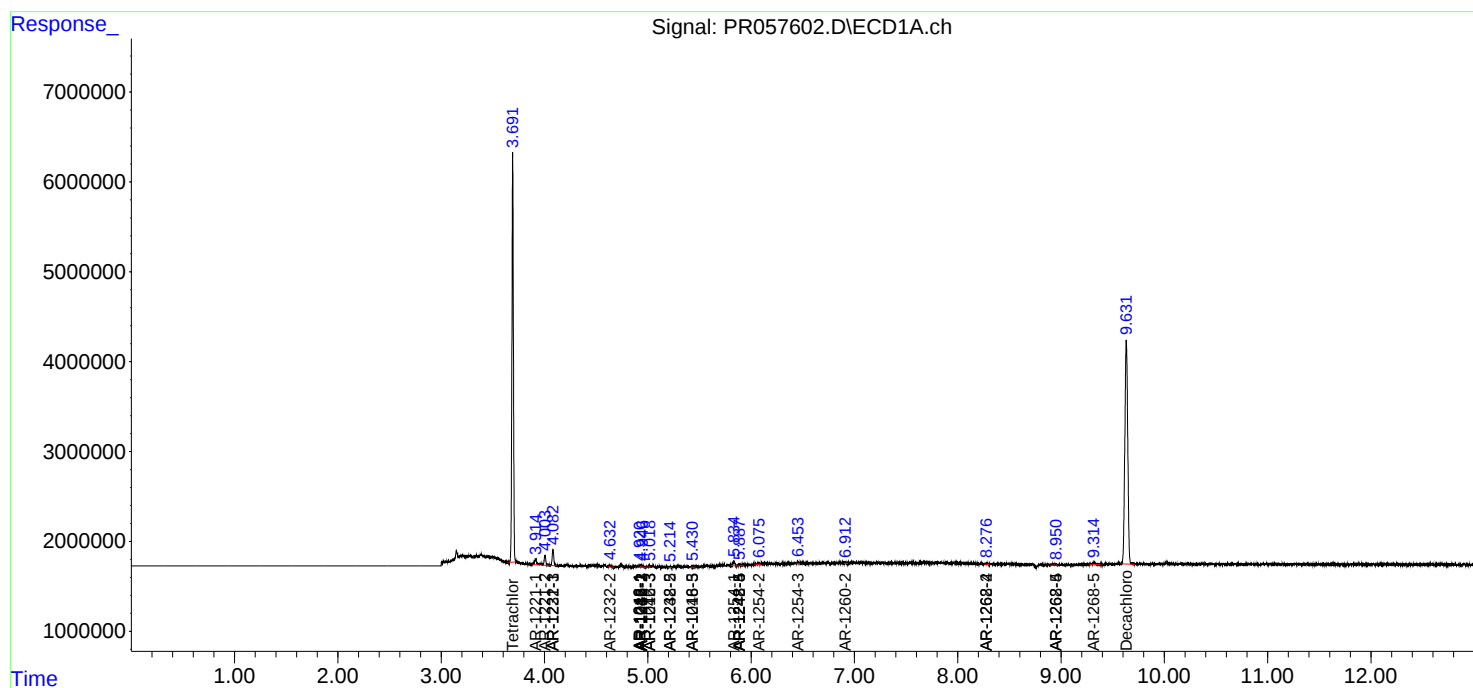
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

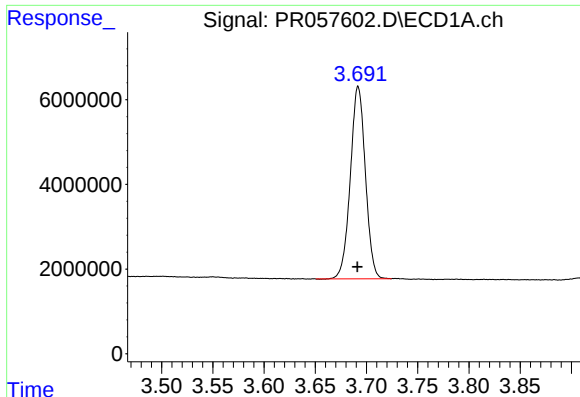
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR102422\  
Data File : PR057602.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2022 18:51  
Operator : AJ\MA  
Sample : N4955-01  
Misc : AR1221 LOD 25 PPB  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 22:32:41 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR102422.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Oct 24 18:17:24 2022  
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

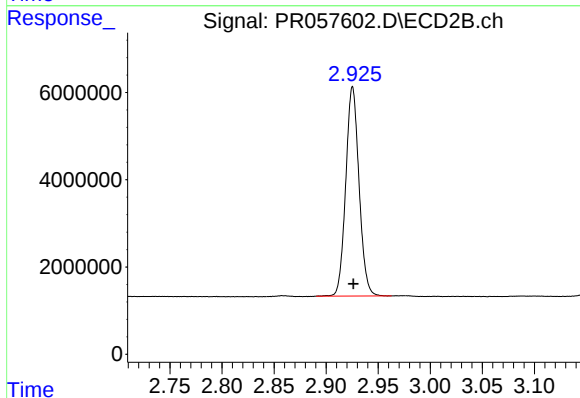




#1 Tetrachloro-m-xylene

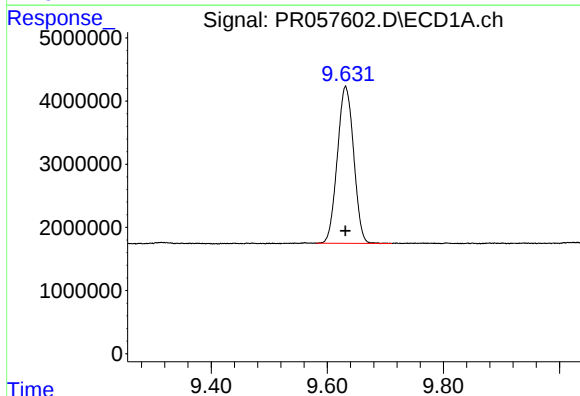
R.T.: 3.692 min  
Delta R.T.: 0.000 min  
Response: 46472211  
Conc: 22.12 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



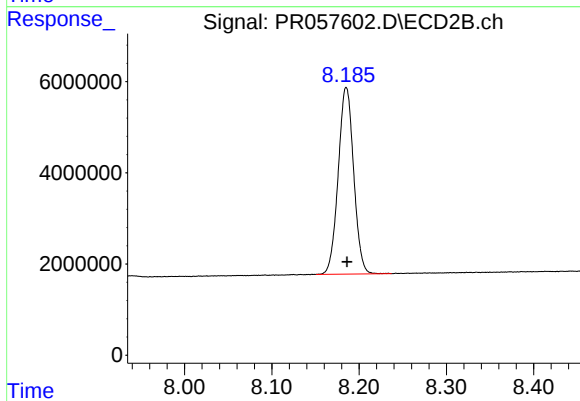
#1 Tetrachloro-m-xylene

R.T.: 2.925 min  
Delta R.T.: 0.000 min  
Response: 42683431  
Conc: 21.21 ng/ml



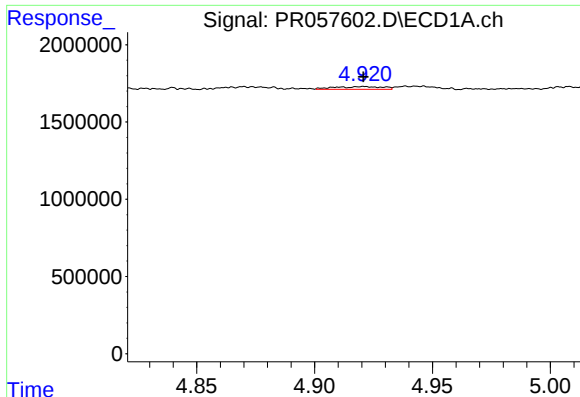
#2 Decachlorobiphenyl

R.T.: 9.632 min  
Delta R.T.: 0.000 min  
Response: 48472924  
Conc: 21.92 ng/ml



#2 Decachlorobiphenyl

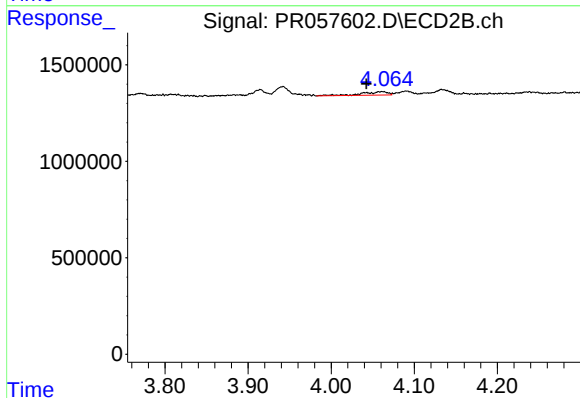
R.T.: 8.185 min  
Delta R.T.: 0.000 min  
Response: 50365028  
Conc: 21.33 ng/ml



#3 AR-1016-1

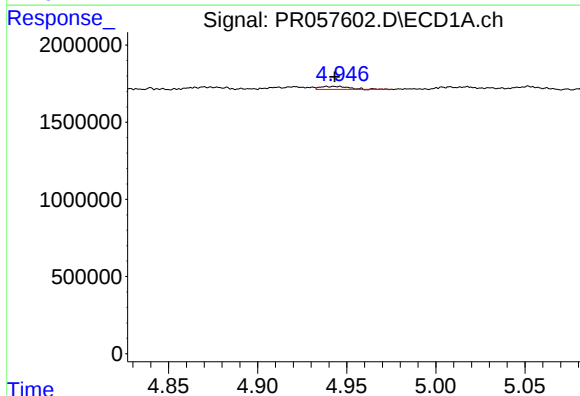
R.T.: 4.921 min  
Delta R.T.: 0.000 min  
Response: 248329  
Conc: 3.19 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



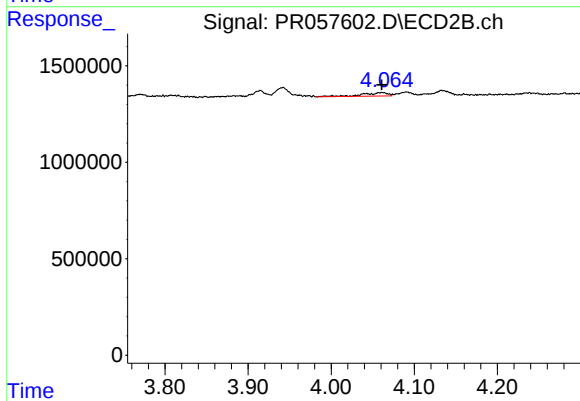
#3 AR-1016-1

R.T.: 4.062 min  
Delta R.T.: 0.019 min  
Response: 385700  
Conc: 5.99 ng/ml



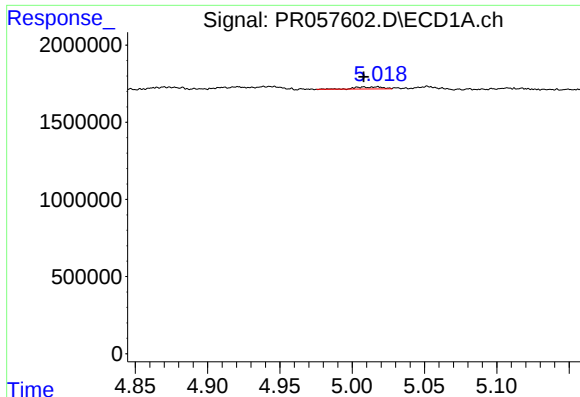
#4 AR-1016-2

R.T.: 4.939 min  
Delta R.T.: -0.004 min  
Response: 224828  
Conc: 2.13 ng/ml



#4 AR-1016-2

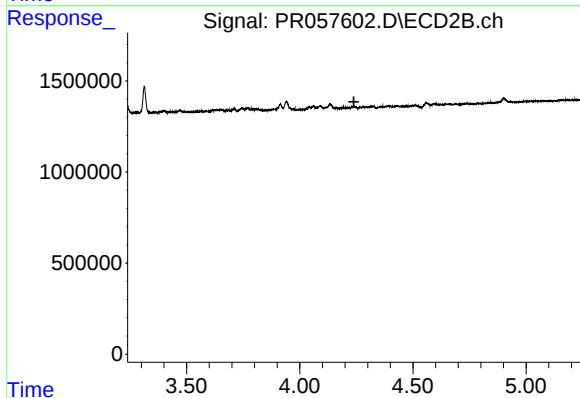
R.T.: 4.062 min  
Delta R.T.: 0.001 min  
Response: 385700  
Conc: 4.02 ng/ml



#5 AR-1016-3

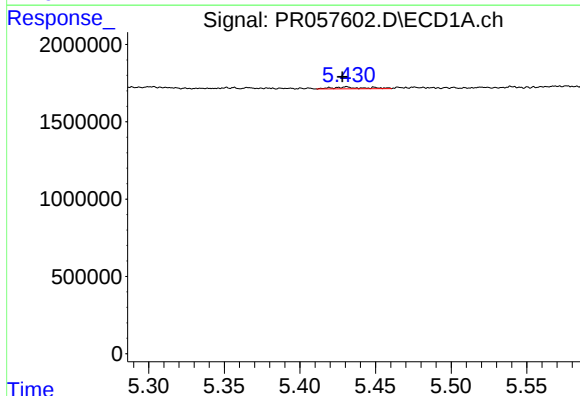
R.T.: 5.017 min  
Delta R.T.: 0.009 min  
Response: 181432  
Conc: 2.68 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



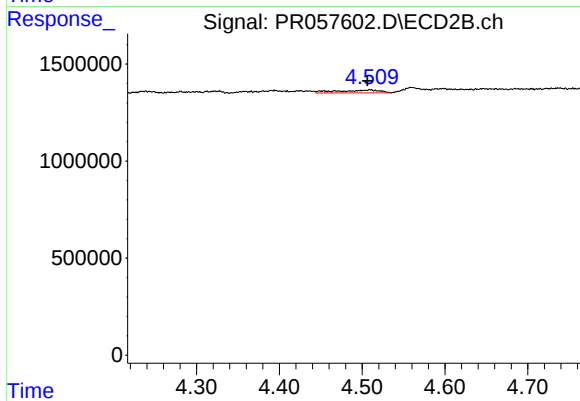
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.239 min  
Response: 0  
Conc: N.D.



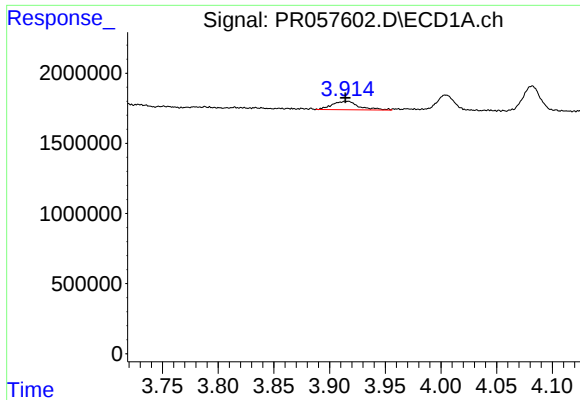
#7 AR-1016-5

R.T.: 5.431 min  
Delta R.T.: 0.003 min  
Response: 172342  
Conc: 2.80 ng/ml



#7 AR-1016-5

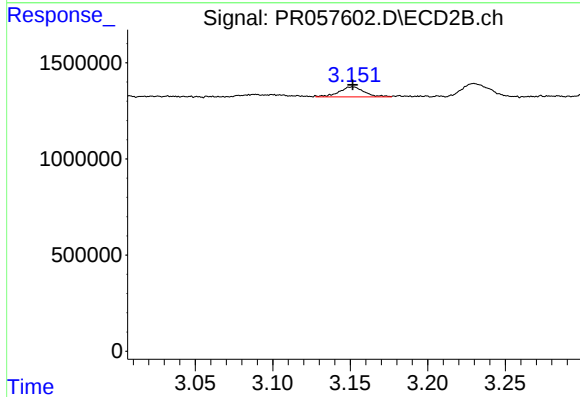
R.T.: 4.510 min  
Delta R.T.: 0.003 min  
Response: 528963  
Conc: 10.60 ng/ml



#8 AR-1221-1

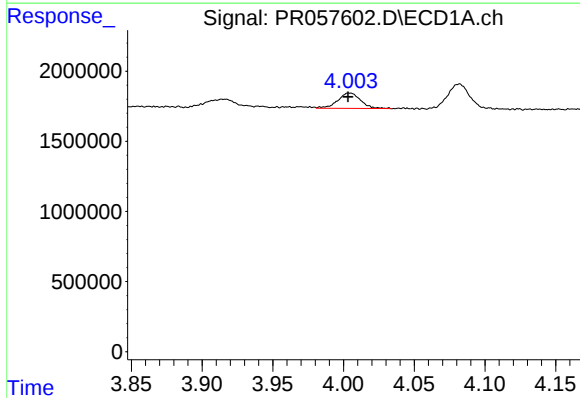
R.T.: 3.915 min  
Delta R.T.: 0.000 min  
Response: 1013167  
Conc: 35.55 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



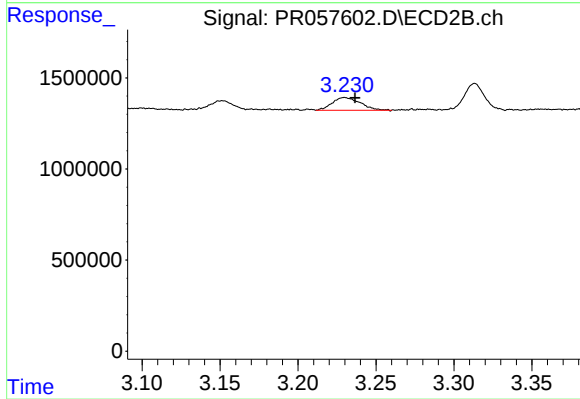
#8 AR-1221-1

R.T.: 3.151 min  
Delta R.T.: 0.000 min  
Response: 585457  
Conc: 25.61 ng/ml



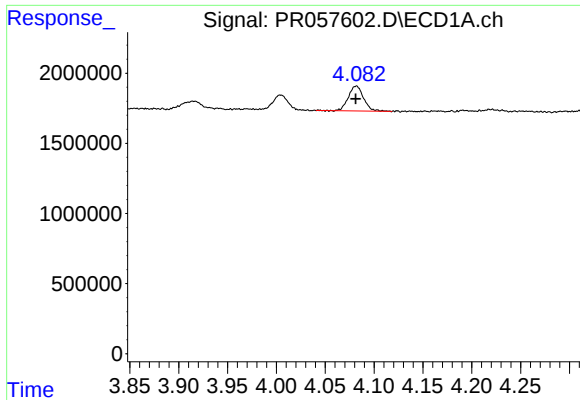
#9 AR-1221-2

R.T.: 4.004 min  
Delta R.T.: 0.001 min  
Response: 1229766  
Conc: 59.20 ng/ml



#9 AR-1221-2

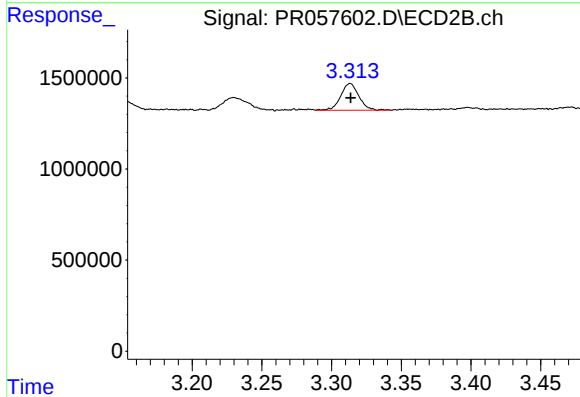
R.T.: 3.230 min  
Delta R.T.: -0.007 min  
Response: 871065  
Conc: 48.66 ng/ml



#10 AR-1221-3

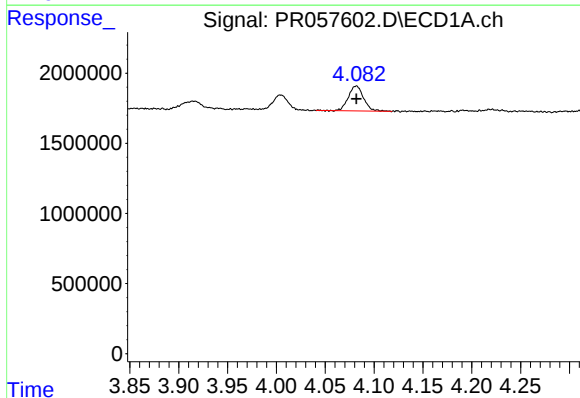
R.T.: 4.082 min  
Delta R.T.: 0.000 min  
Response: 1934390  
Conc: 32.08 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



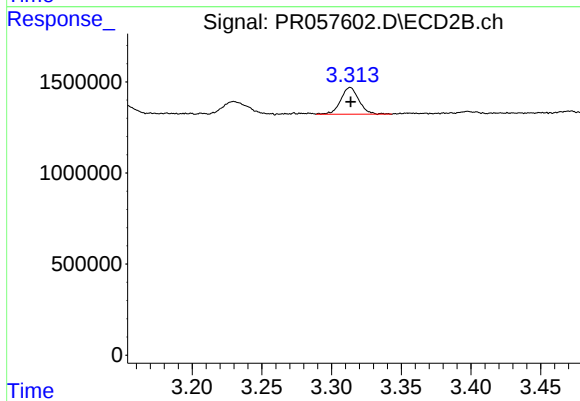
#10 AR-1221-3

R.T.: 3.313 min  
Delta R.T.: 0.000 min  
Response: 1334766  
Conc: 24.77 ng/ml



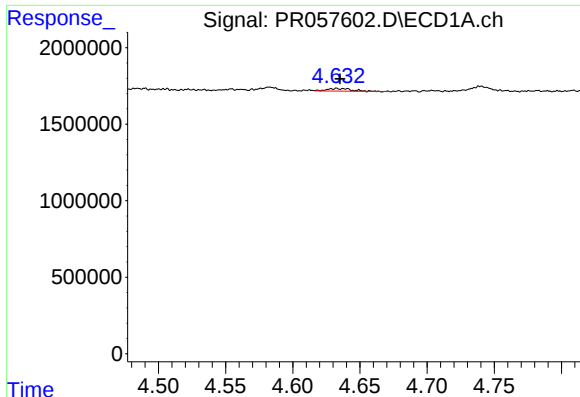
#11 AR-1232-1

R.T.: 4.082 min  
Delta R.T.: 0.000 min  
Response: 1934390  
Conc: 41.92 ng/ml



#11 AR-1232-1

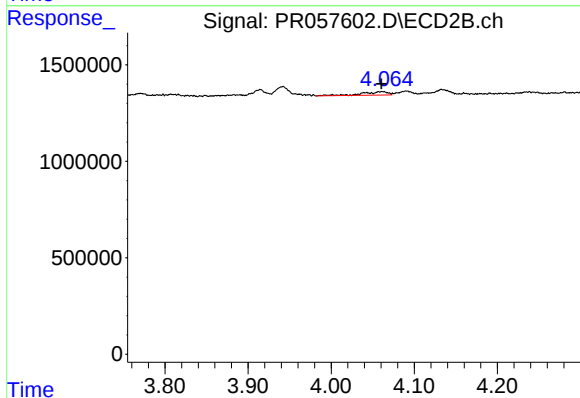
R.T.: 3.313 min  
Delta R.T.: 0.000 min  
Response: 1334766  
Conc: 32.57 ng/ml



#12 AR-1232-2

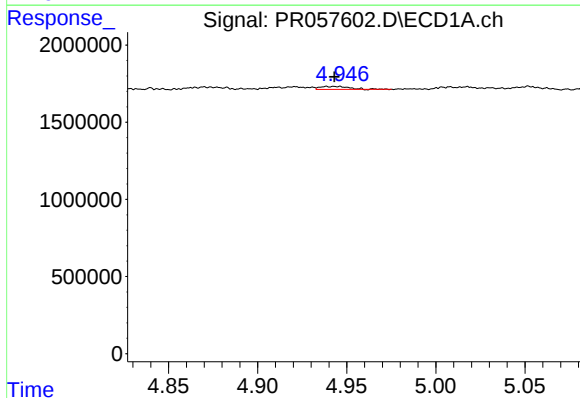
R.T.: 4.633 min  
Delta R.T.: -0.003 min  
Response: 224542  
Conc: 8.36 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



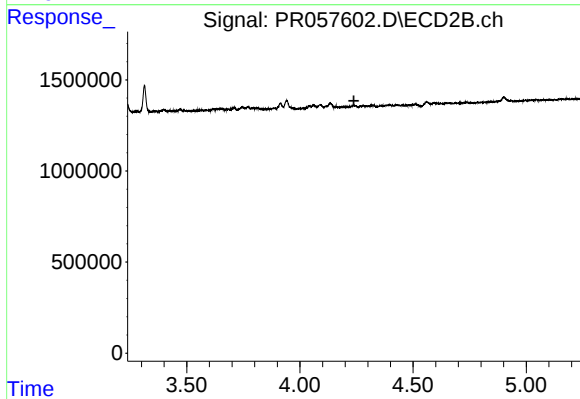
#12 AR-1232-2

R.T.: 4.062 min  
Delta R.T.: 0.001 min  
Response: 385700  
Conc: 8.83 ng/ml



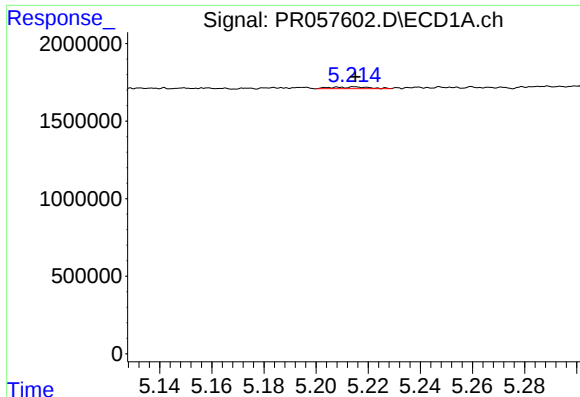
#13 AR-1232-3

R.T.: 4.939 min  
Delta R.T.: -0.004 min  
Response: 224828  
Conc: 4.54 ng/ml



#13 AR-1232-3

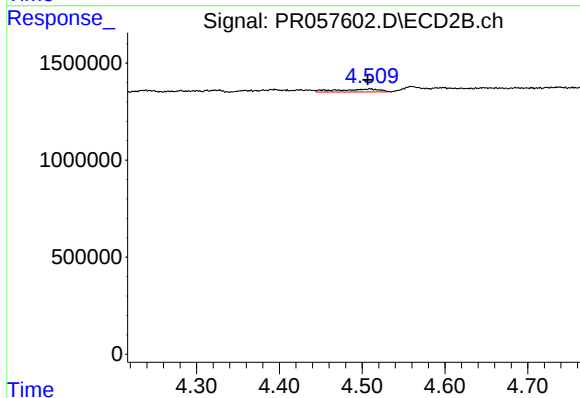
R.T.: 0.000 min  
Exp R.T.: 4.239 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

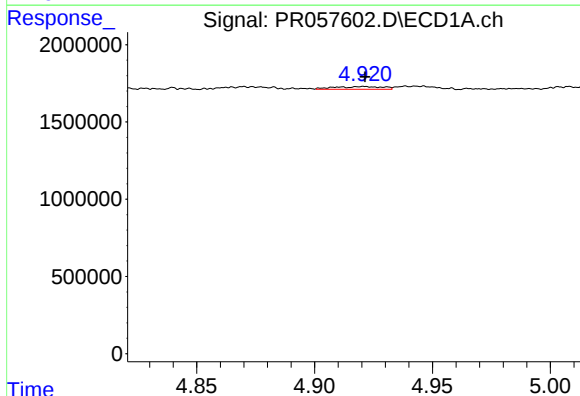
R.T.: 5.215 min  
Delta R.T.: 0.000 min  
Response: 105179  
Conc: 5.45 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



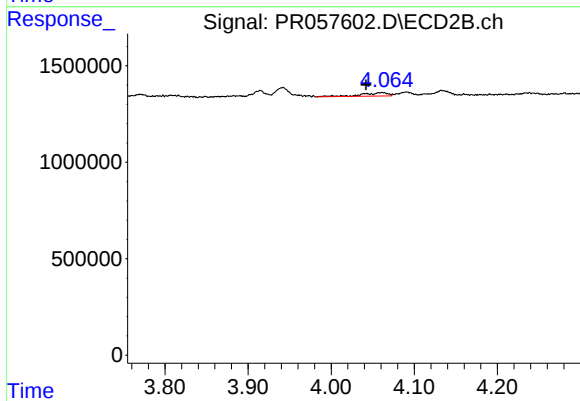
#15 AR-1232-5

R.T.: 4.510 min  
Delta R.T.: 0.003 min  
Response: 528963  
Conc: 23.88 ng/ml



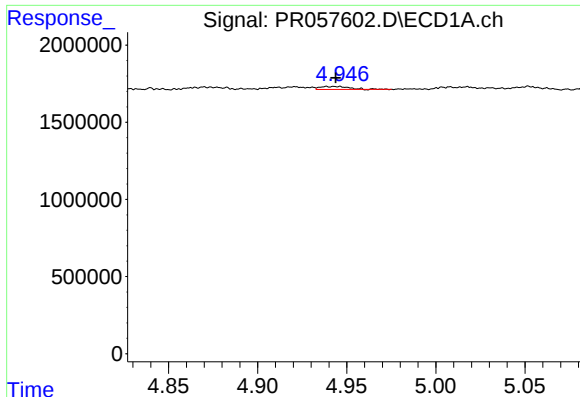
#16 AR-1242-1

R.T.: 4.921 min  
Delta R.T.: 0.000 min  
Response: 248329  
Conc: 4.04 ng/ml



#16 AR-1242-1

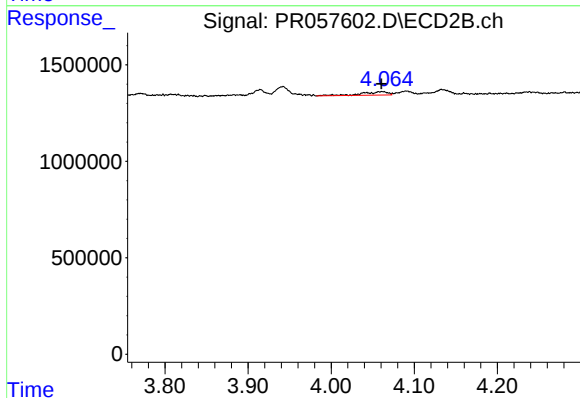
R.T.: 4.062 min  
Delta R.T.: 0.020 min  
Response: 385700  
Conc: 7.71 ng/ml



#17 AR-1242-2

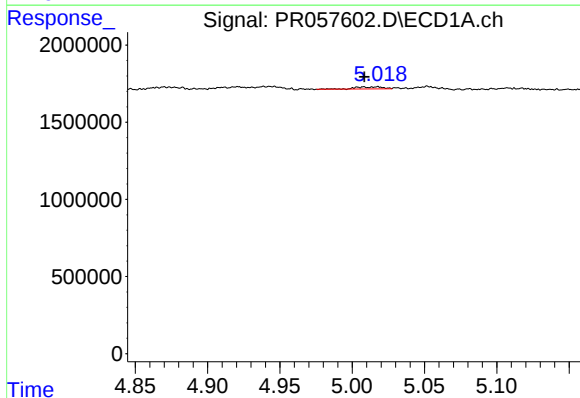
R.T.: 4.939 min  
Delta R.T.: -0.004 min  
Response: 224828  
Conc: 2.72 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



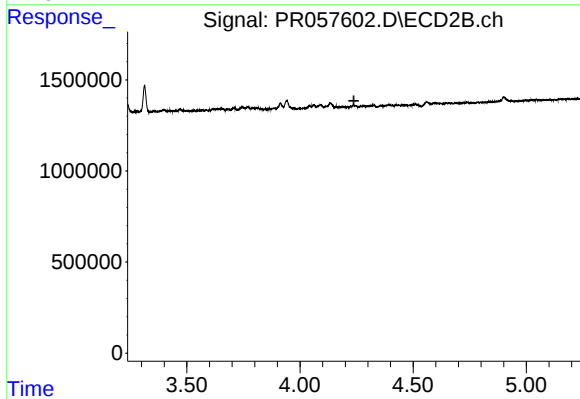
#17 AR-1242-2

R.T.: 4.062 min  
Delta R.T.: 0.001 min  
Response: 385700  
Conc: 5.16 ng/ml



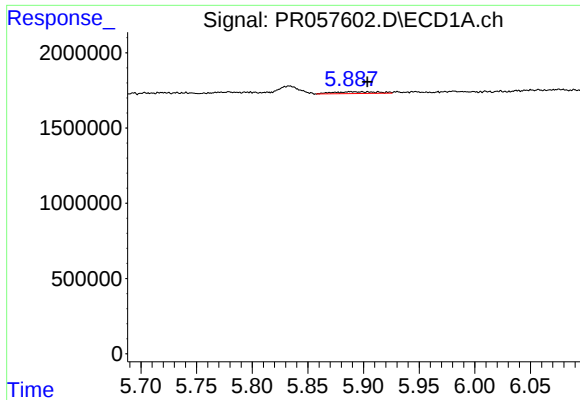
#18 AR-1242-3

R.T.: 5.017 min  
Delta R.T.: 0.009 min  
Response: 181432  
Conc: 3.41 ng/ml



#18 AR-1242-3

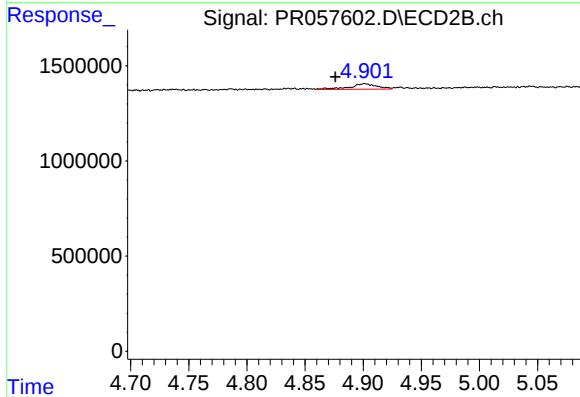
R.T.: 0.000 min  
Exp R.T.: 4.238 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

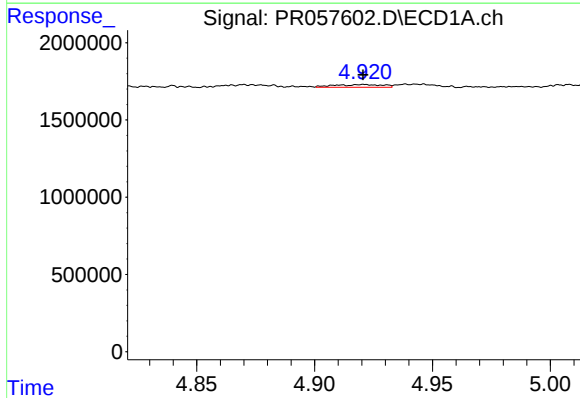
R.T.: 5.888 min  
Delta R.T.: -0.015 min  
Response: 338880  
Conc: 5.38 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



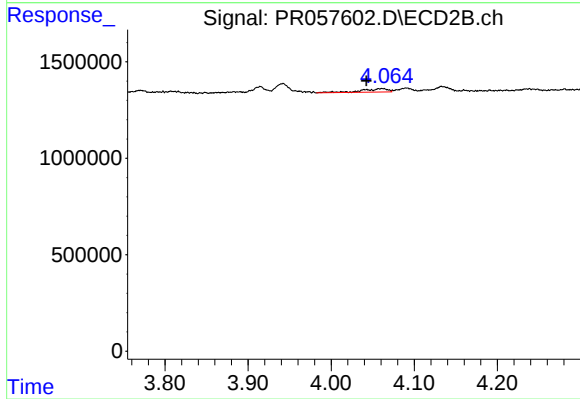
#20 AR-1242-5

R.T.: 4.901 min  
Delta R.T.: 0.025 min  
Response: 470044  
Conc: 9.72 ng/ml



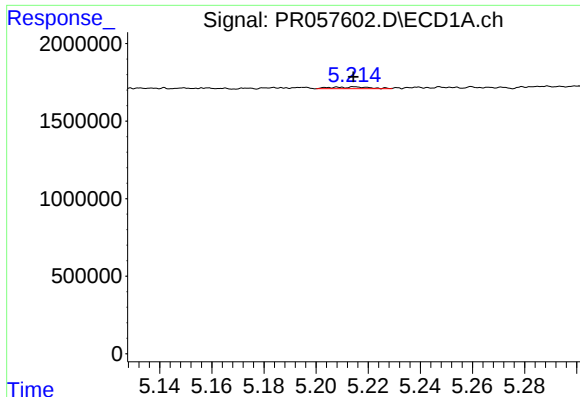
#21 AR-1248-1

R.T.: 4.921 min  
Delta R.T.: 0.000 min  
Response: 248329  
Conc: 5.40 ng/ml



#21 AR-1248-1

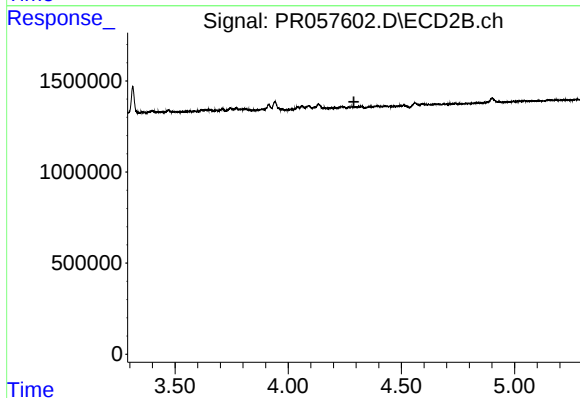
R.T.: 4.062 min  
Delta R.T.: 0.019 min  
Response: 385700  
Conc: 10.14 ng/ml



#22 AR-1248-2

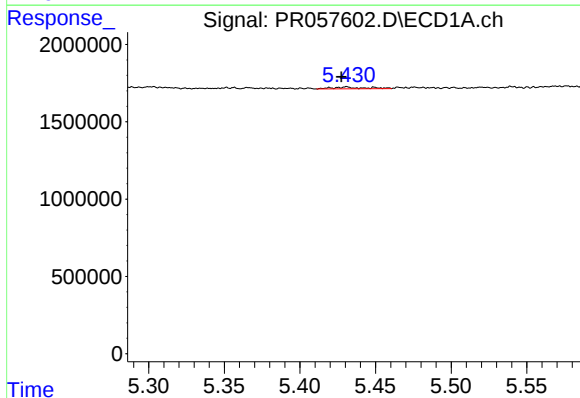
R.T.: 5.215 min  
Delta R.T.: 0.000 min  
Response: 105179  
Conc: 1.71 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



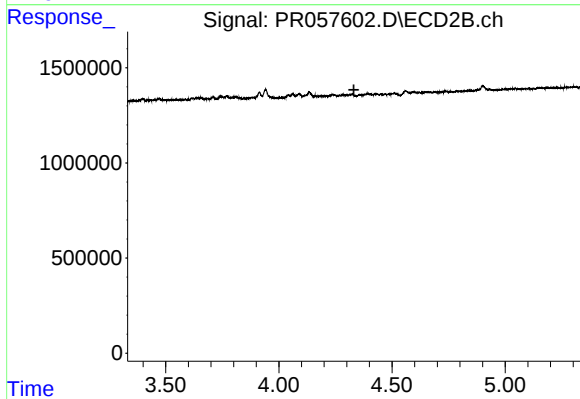
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 4.290 min  
Response: 0  
Conc: N.D.



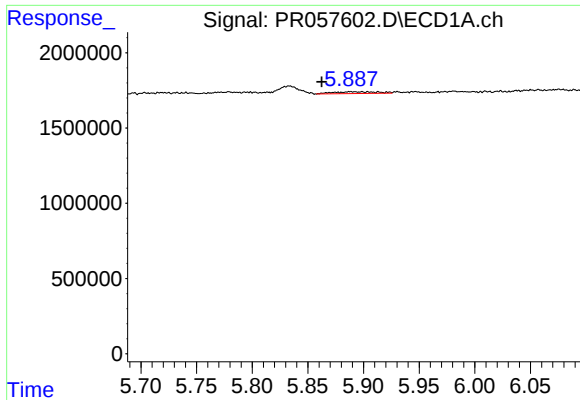
#23 AR-1248-3

R.T.: 5.431 min  
Delta R.T.: 0.003 min  
Response: 172342  
Conc: 2.15 ng/ml



#23 AR-1248-3

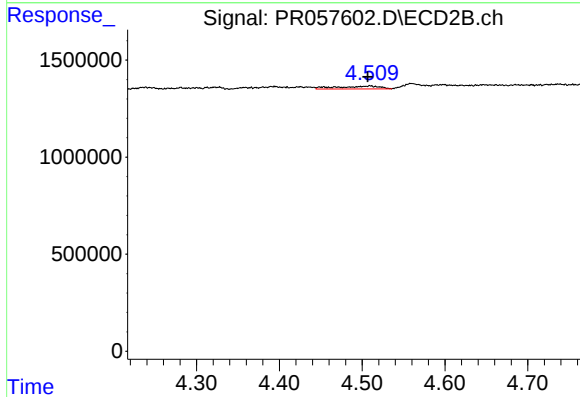
R.T.: 0.000 min  
Exp R.T. : 4.332 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

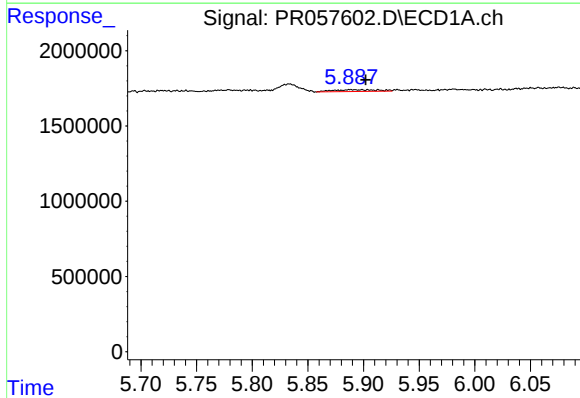
R.T.: 5.888 min  
Delta R.T.: 0.026 min  
Response: 338880  
Conc: 3.21 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



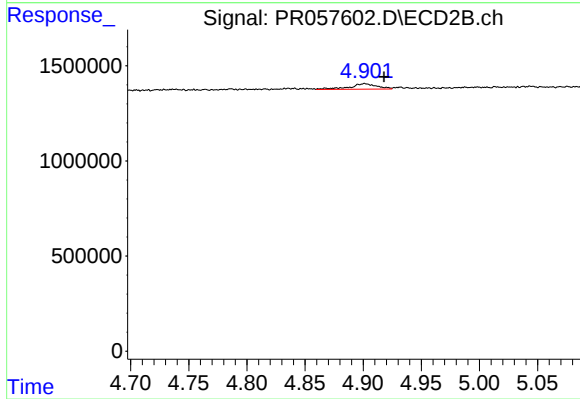
#24 AR-1248-4

R.T.: 4.510 min  
Delta R.T.: 0.003 min  
Response: 528963  
Conc: 8.21 ng/ml



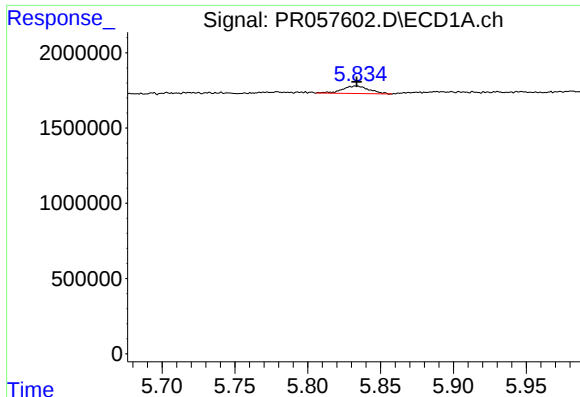
#25 AR-1248-5

R.T.: 5.888 min  
Delta R.T.: -0.014 min  
Response: 338880  
Conc: 3.25 ng/ml



#25 AR-1248-5

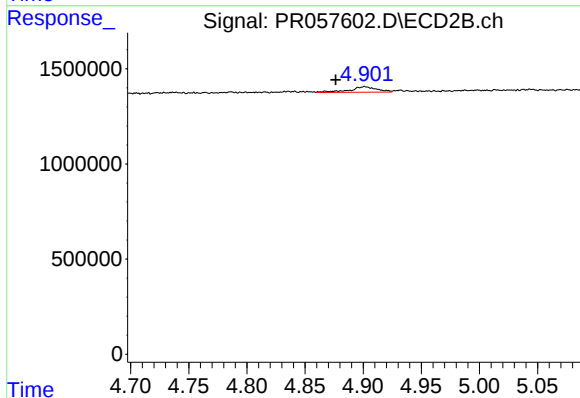
R.T.: 4.901 min  
Delta R.T.: -0.017 min  
Response: 470044  
Conc: 6.83 ng/ml



#26 AR-1254-1

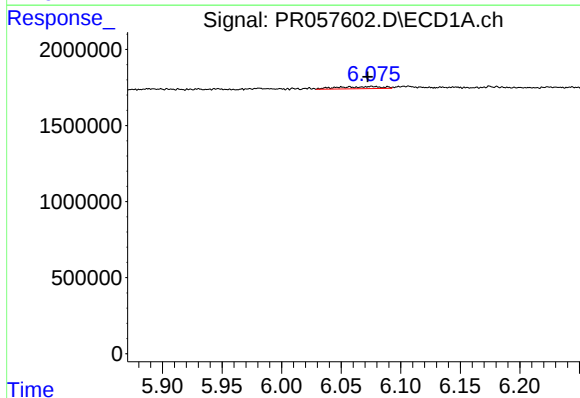
R.T.: 5.833 min  
Delta R.T.: 0.000 min  
Response: 644670  
Conc: 5.91 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



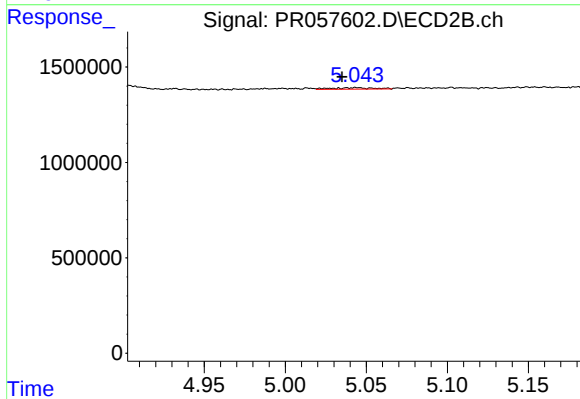
#26 AR-1254-1

R.T.: 4.901 min  
Delta R.T.: 0.025 min  
Response: 470044  
Conc: 4.86 ng/ml



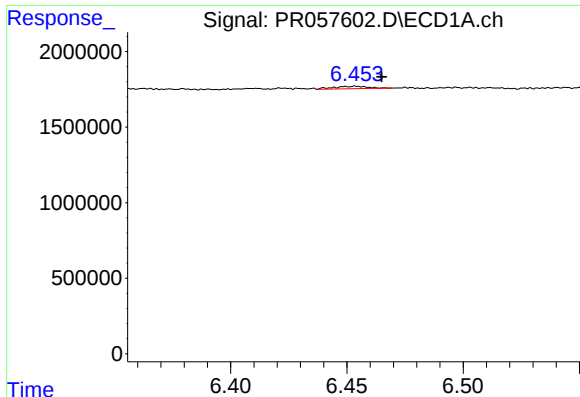
#27 AR-1254-2

R.T.: 6.076 min  
Delta R.T.: 0.004 min  
Response: 351750  
Conc: 1.95 ng/ml



#27 AR-1254-2

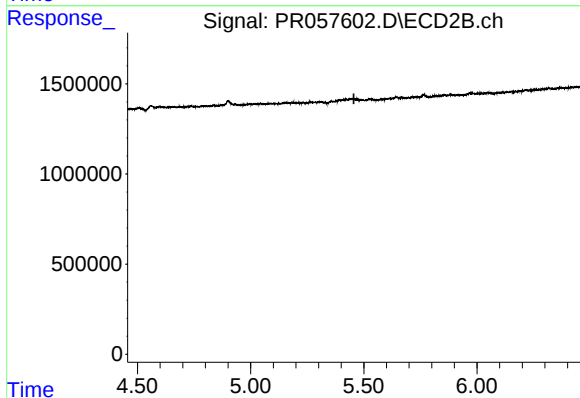
R.T.: 5.043 min  
Delta R.T.: 0.008 min  
Response: 130616  
Conc: 1.55 ng/ml



#28 AR-1254-3

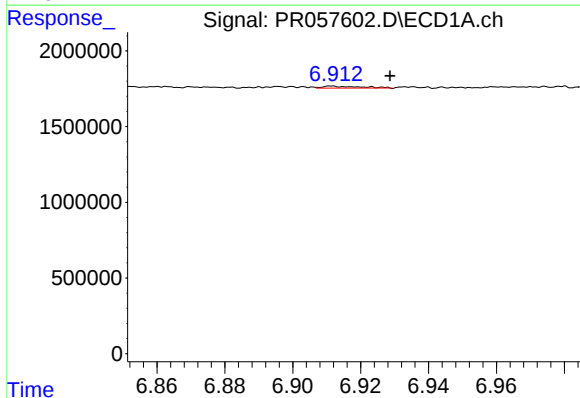
R.T.: 6.454 min  
Delta R.T.: -0.011 min  
Response: 162997  
Conc: 0.81 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



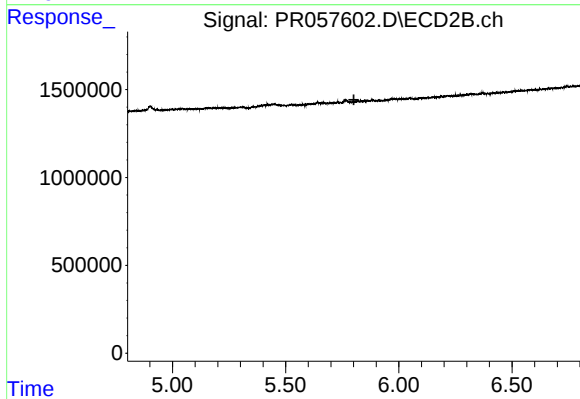
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.456 min  
Response: 0  
Conc: N.D.



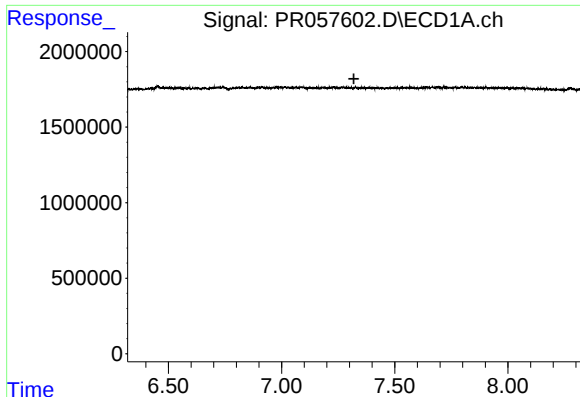
#32 AR-1260-2

R.T.: 6.912 min  
Delta R.T.: -0.017 min  
Response: 95271  
Conc: 0.49 ng/ml



#32 AR-1260-2

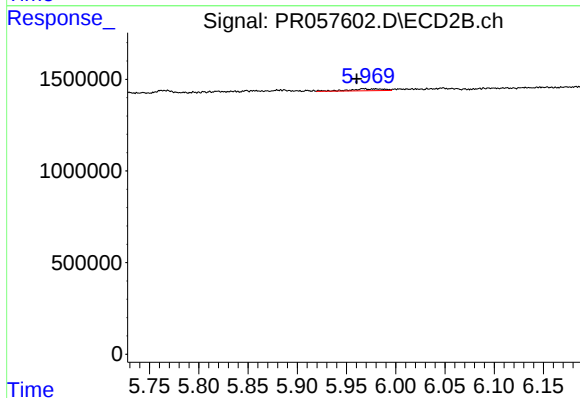
R.T.: 0.000 min  
Exp R.T. : 5.801 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

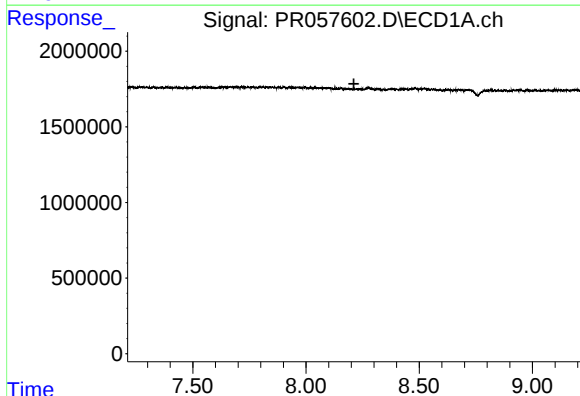
R.T.: 0.000 min  
Exp R.T.: 7.320 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



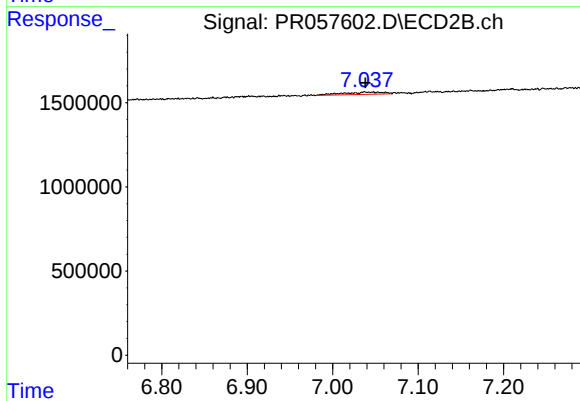
#33 AR-1260-3

R.T.: 5.968 min  
Delta R.T.: 0.008 min  
Response: 242998  
Conc: 2.06 ng/ml



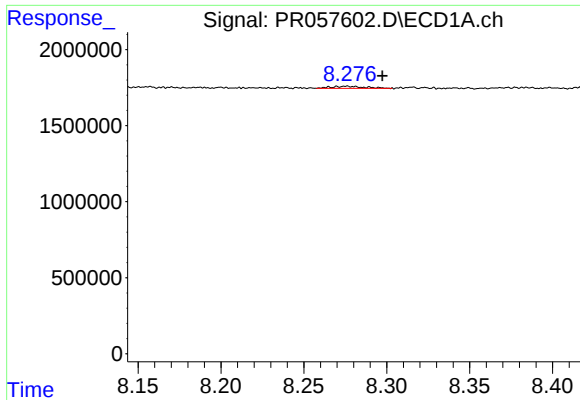
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 8.212 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

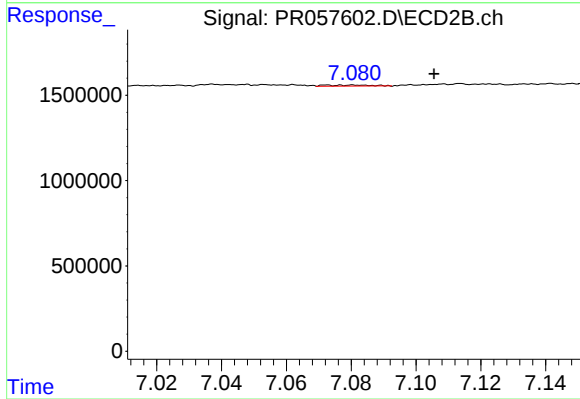
R.T.: 7.039 min  
Delta R.T.: 0.000 min  
Response: 462258  
Conc: 4.53 ng/ml



#39 AR-1262-4

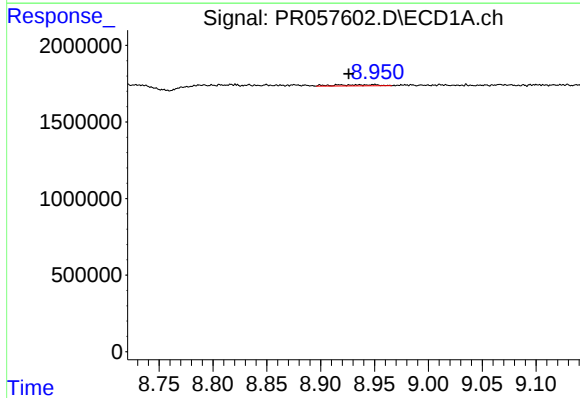
R.T.: 8.276 min  
Delta R.T.: -0.022 min  
Response: 183770  
Conc: 2.20 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



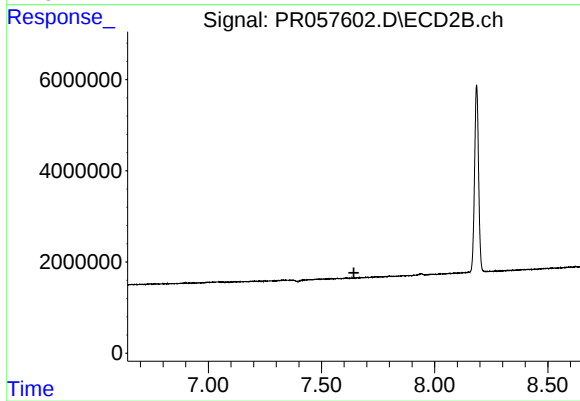
#39 AR-1262-4

R.T.: 7.081 min  
Delta R.T.: -0.025 min  
Response: 59633  
Conc: 0.29 ng/ml



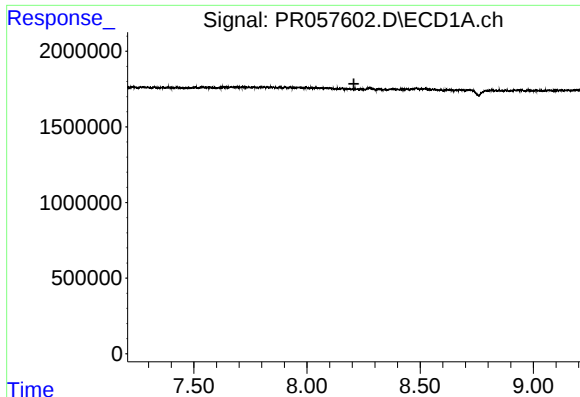
#40 AR-1262-5

R.T.: 8.950 min  
Delta R.T.: 0.024 min  
Response: 211169  
Conc: 2.06 ng/ml



#40 AR-1262-5

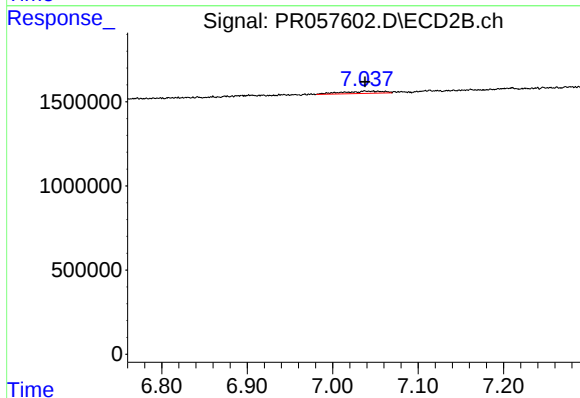
R.T.: 0.000 min  
Exp R.T. : 7.643 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

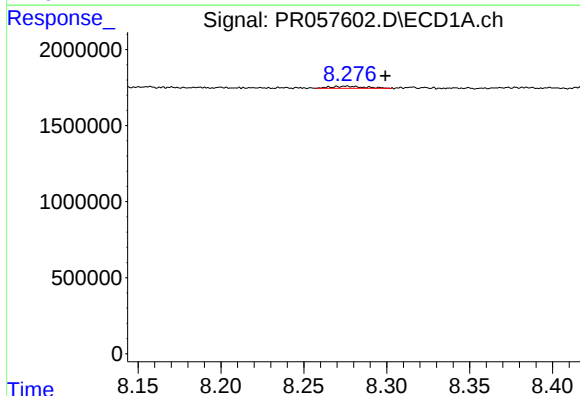
R.T.: 0.000 min  
Exp R.T.: 8.207 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



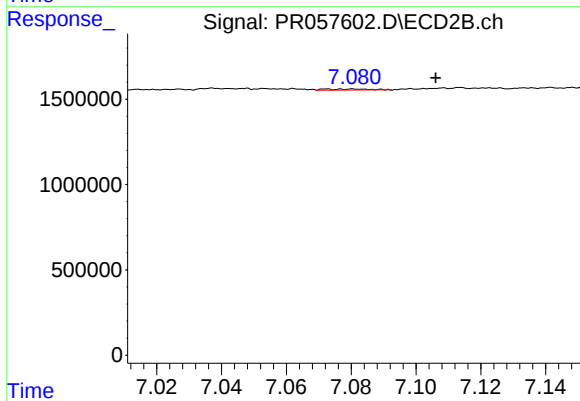
#41 AR-1268-1

R.T.: 7.039 min  
Delta R.T.: 0.000 min  
Response: 462258  
Conc: 1.48 ng/ml



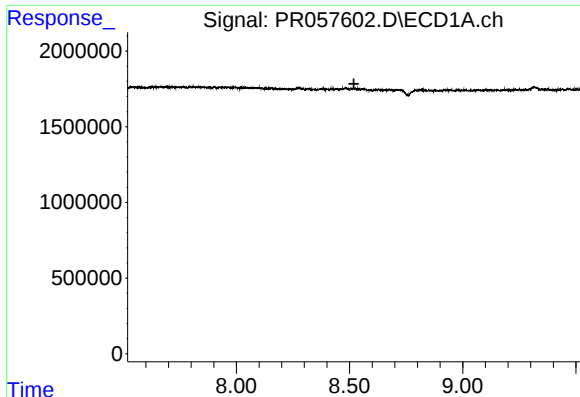
#42 AR-1268-2

R.T.: 8.276 min  
Delta R.T.: -0.023 min  
Response: 183770  
Conc: 0.58 ng/ml



#42 AR-1268-2

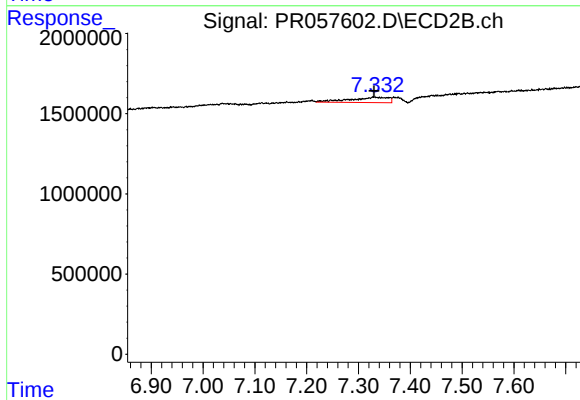
R.T.: 7.081 min  
Delta R.T.: -0.025 min  
Response: 59633  
Conc: 0.19 ng/ml



#43 AR-1268-3

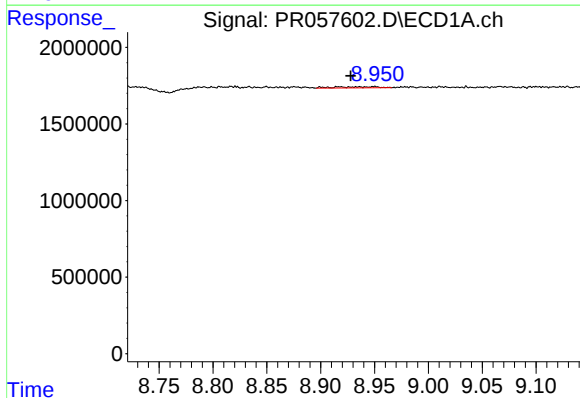
R.T.: 0.000 min  
Exp R.T.: 8.519 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



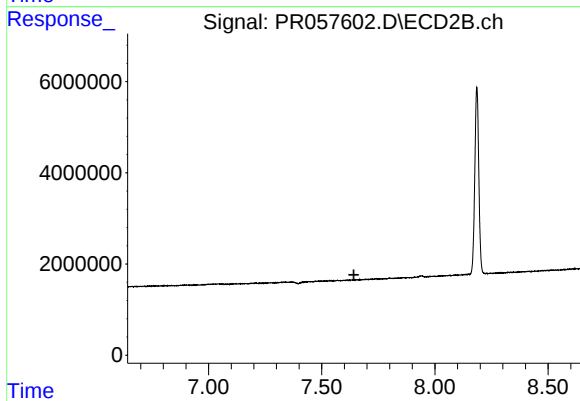
#43 AR-1268-3

R.T.: 7.331 min  
Delta R.T.: 0.000 min  
Response: 1745725  
Conc: 6.41 ng/ml



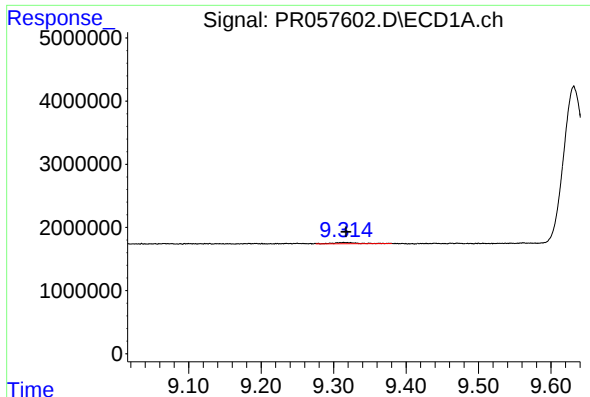
#44 AR-1268-4

R.T.: 8.950 min  
Delta R.T.: 0.022 min  
Response: 211169  
Conc: 1.86 ng/ml



#44 AR-1268-4

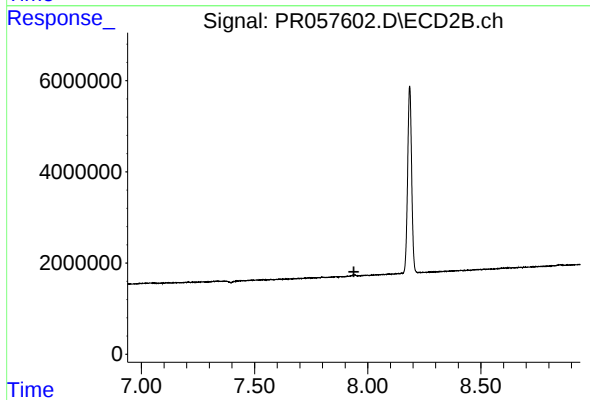
R.T.: 0.000 min  
Exp R.T.: 7.642 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.314 min  
Delta R.T.: -0.003 min  
Response: 423166  
Conc: 0.53 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



#45 AR-1268-5

R.T.: 7.940 min  
Delta R.T.: 0.000 min  
Response: -55271  
Conc: N.D.