

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102422\  
 Data File : PP052645.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2022 19:57  
 Operator : YP\AJ  
 Sample : N4955-01  
 Misc : AR1242 LOD 40 PPB  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 23:10:54 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102122.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sun Oct 23 15:44:19 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... | 4.423  | 3.672 | 28983544 | 29057576 | 17.518  | 21.809    |
| 2)                          | SA Decachlor... | 10.236 | 8.761 | 31777288 | 29311035 | 19.830  | 23.583    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.597  | 4.775 | 1203772  | 1263031  | 27.430  | 27.458    |
| 4)                          | L1 AR-1016-2    | 5.619  | 4.794 | 1781856  | 1756305  | 28.222  | 28.052    |
| 5)                          | L1 AR-1016-3    | 5.682  | 4.973 | 1319358  | 887780   | 32.680  | 25.748    |
| 6)                          | L1 AR-1016-4    | 5.780  | 5.014 | 825816   | 855252   | 23.954  | 29.501    |
| 7)                          | L1 AR-1016-5    | 6.076  | 5.232 | 976899   | 1115478  | 25.555  | 29.868    |
| 8)                          | L2 AR-1221-1    | 4.632  | 3.888 | 11361391 | 179172   | 518.713 | 10.182 #  |
| 9)                          | L2 AR-1221-2    | 4.726  | 3.963 | 1279499  | 5183311  | 79.780  | 389.268 # |
| 10)                         | L2 AR-1221-3    | 4.795  | 4.053 | 1153518  | 838409   | 23.643  | 20.219    |
| 11)                         | L3 AR-1232-1    | 4.795  | 4.053 | 1153518  | 838409   | 31.071  | 26.442    |
| 12)                         | L3 AR-1232-2    | 5.327  | 4.794 | 989282   | 1756305  | 48.833  | 57.248    |
| 13)                         | L3 AR-1232-3    | 5.619  | 4.973 | 1781856  | 887780   | 58.633  | 55.245    |
| 14)                         | L3 AR-1232-4    | 5.780  | 5.057 | 825816   | 1024985  | 51.739  | 67.746 #  |
| 15)                         | L3 AR-1232-5    | 5.871  | 5.232 | 802953   | 1115478  | 59.302  | 65.295    |
| 16)                         | L4 AR-1242-1    | 5.597  | 4.775 | 1203772  | 1263031  | 34.435  | 32.778    |
| 17)                         | L4 AR-1242-2    | 5.619  | 4.794 | 1781856  | 1756305  | 33.301  | 33.514    |
| 18)                         | L4 AR-1242-3    | 5.682  | 4.973 | 1319358  | 887780   | 38.354  | 30.711    |
| 19)                         | L4 AR-1242-4    | 5.780  | 5.057 | 825816   | 1024985  | 28.864  | 33.806    |
| 20)                         | L4 AR-1242-5    | 6.521  | 5.588 | 940271   | 1067310  | 26.056  | 30.587    |
| 21)                         | L5 AR-1248-1    | 5.597  | 4.775 | 1203772  | 1263031  | 41.488  | 44.508    |
| 22)                         | L5 AR-1248-2    | 5.871  | 5.014 | 802953   | 855252   | 18.946  | 20.866    |
| 23)                         | L5 AR-1248-3    | 6.076  | 5.057 | 976899   | 1024985  | 18.900  | 24.377 #  |
| 24)                         | L5 AR-1248-4    | 6.483  | 5.232 | 796644   | 1115478  | 14.456  | 22.745 #  |
| 25)                         | L5 AR-1248-5    | 6.521  | 5.631 | 940271   | 789916   | 16.543  | 19.014    |
| 26)                         | L6 AR-1254-1    | 6.455  | 5.588 | 611724   | 1067310  | 9.802   | 14.735 #  |
| 27)                         | L6 AR-1254-2    | 6.679  | 5.738 | 724601   | 309281   | 7.544   | 4.816 #   |
| 28)                         | L6 AR-1254-3    | 7.044  | 6.148 | 455520   | 341760   | 4.872   | 3.452 #   |
| 29)                         | L6 AR-1254-4    | 7.330  | 6.379 | 296149   | 158032   | 4.795   | 3.068 #   |
| 30)                         | L6 AR-1254-5    | 7.747  | 0.000 | 150142   | 0        | 1.980   | N.D. #    |
| 31)                         | L7 AR-1260-1    | 7.203  | 0.000 | 68474    | 0        | 0.899   | N.D. #    |
| 32)                         | L7 AR-1260-2    | 7.466  | 0.000 | 386347   | 0        | 4.615   | N.D. #    |
| 33)                         | L7 AR-1260-3    | 7.823  | 0.000 | 126899   | 0        | 1.969   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.359f | 0.000 | 171129   | 0        | 1.285   | N.D. #    |
| 36)                         | L8 AR-1262-1    | 7.823  | 0.000 | 126899   | 0        | 1.297   | N.D. #    |
| 37)                         | L8 AR-1262-2    | 8.359f | 0.000 | 171129   | 0        | 1.123   | N.D. #    |
| 39)                         | L8 AR-1262-4    | 8.784  | 0.000 | 123046   | 0        | 1.963   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 8.784  | 0.000 | 123046   | 0        | 0.629   | N.D. #    |
| 45)                         | L9 AR-1268-5    | 9.885  | 8.496 | 227822   | 193672   | 0.394   | 0.438     |
| -----                       |                 |        |       |          |          |         |           |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102422\  
Data File : PP052645.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2022 19:57  
Operator : YP\AJ  
Sample : N4955-01  
Misc : AR1242 LOD 40 PPB  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 23:10:54 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102122.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sun Oct 23 15:44:19 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

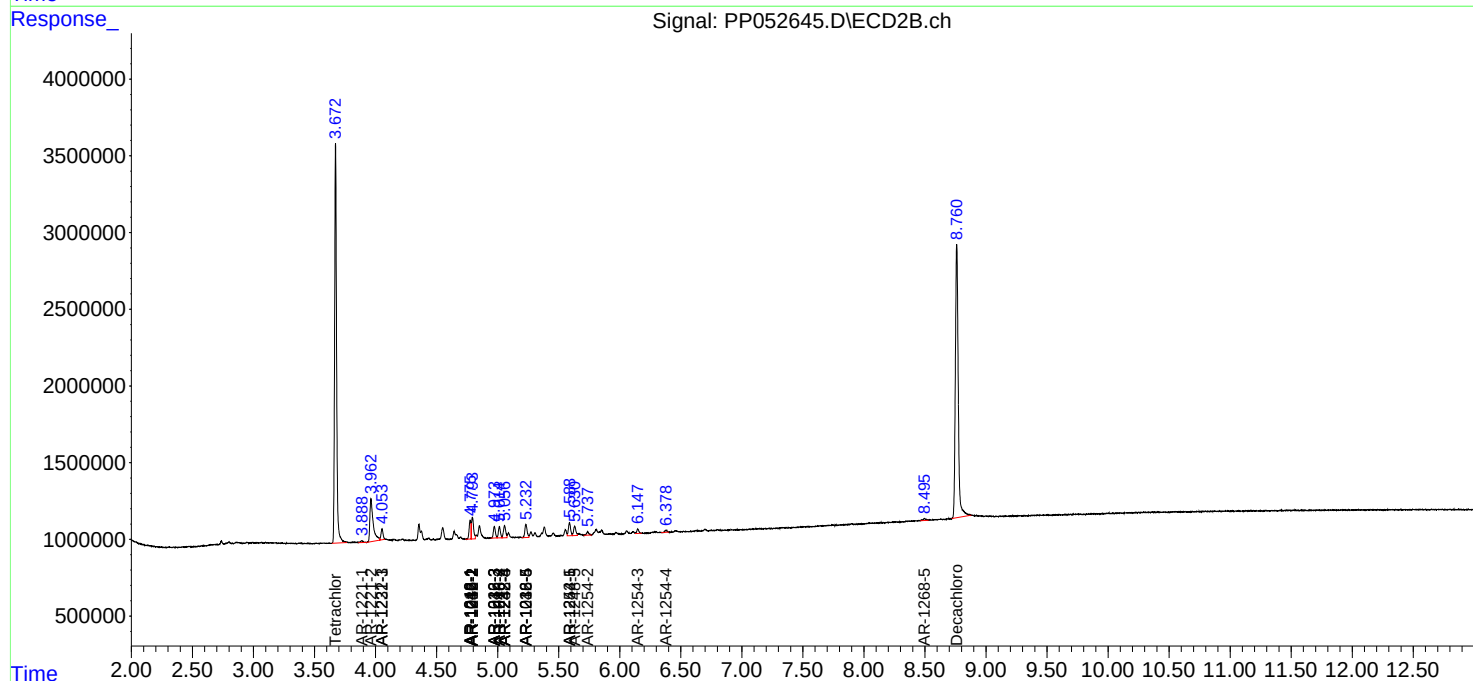
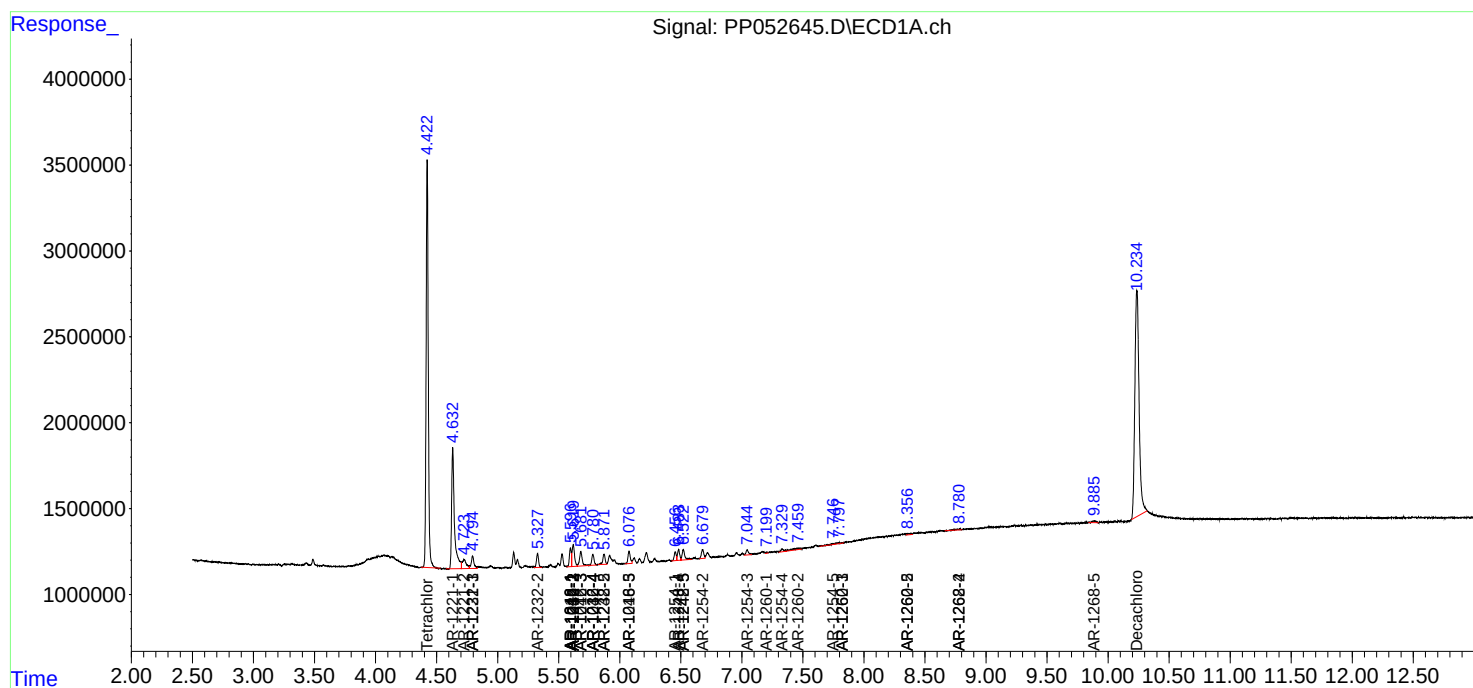
| Compound                                                              | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |

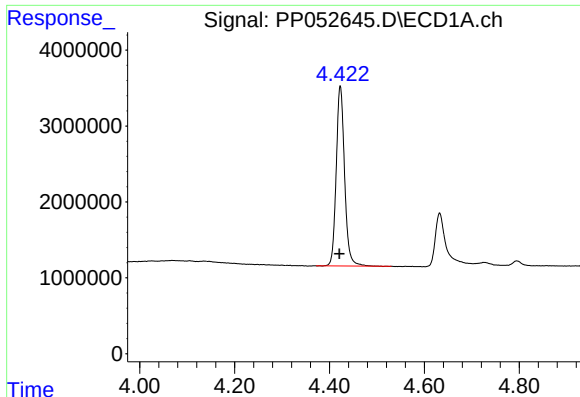
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102422\  
Data File : PP052645.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2022 19:57  
Operator : YP\AJ  
Sample : N4955-01  
Misc : AR1242 LOD 40 PPB  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 23:10:54 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP102122.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sun Oct 23 15:44:19 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

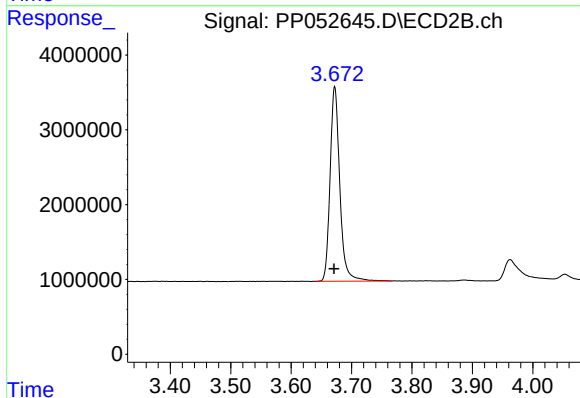




#1 Tetrachloro-m-xylene

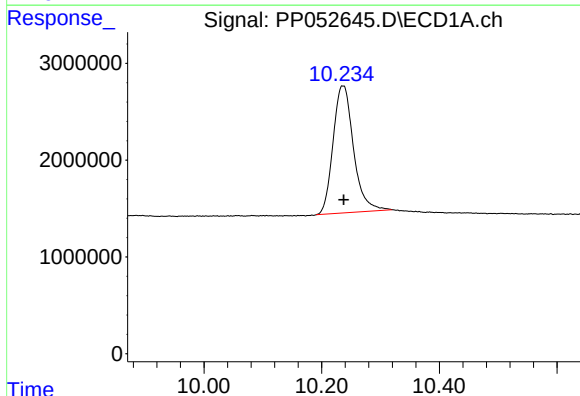
R.T.: 4.423 min  
Delta R.T.: 0.002 min  
Response: 28983544  
Conc: 17.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



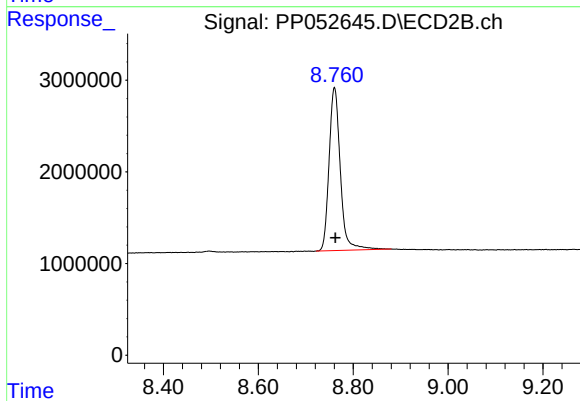
#1 Tetrachloro-m-xylene

R.T.: 3.672 min  
Delta R.T.: 0.001 min  
Response: 29057576  
Conc: 21.81 ng/ml



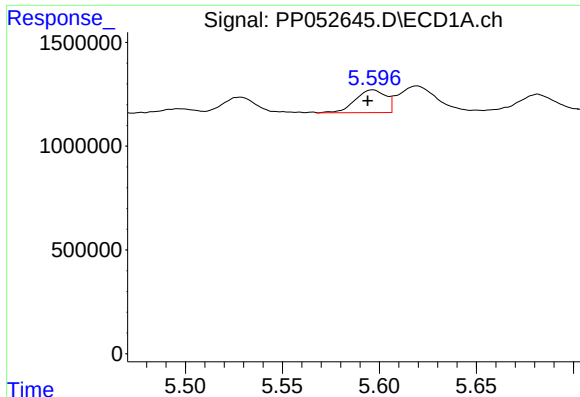
#2 Decachlorobiphenyl

R.T.: 10.236 min  
Delta R.T.: -0.001 min  
Response: 31777288  
Conc: 19.83 ng/ml



#2 Decachlorobiphenyl

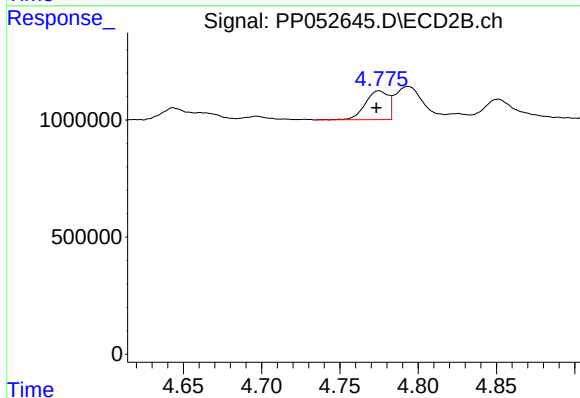
R.T.: 8.761 min  
Delta R.T.: -0.002 min  
Response: 29311035  
Conc: 23.58 ng/ml



#3 AR-1016-1

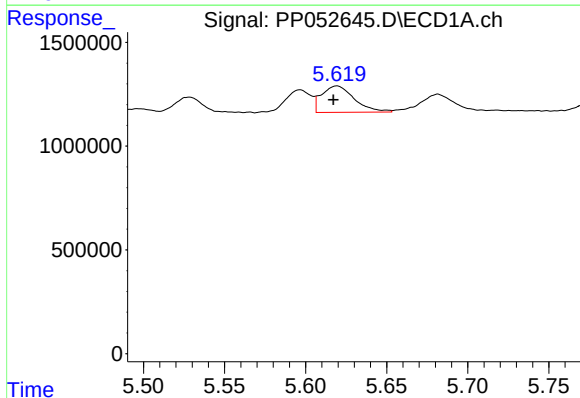
R.T.: 5.597 min  
Delta R.T.: 0.003 min  
Response: 1203772  
Conc: 27.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



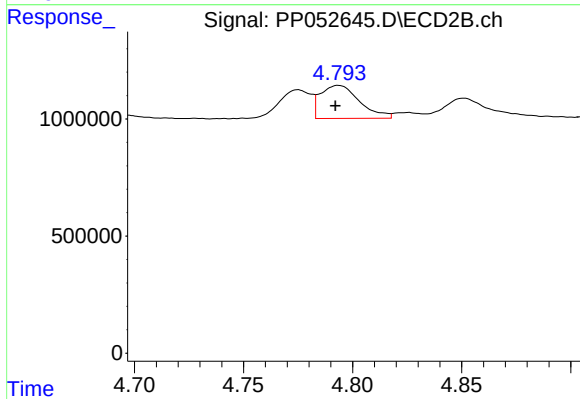
#3 AR-1016-1

R.T.: 4.775 min  
Delta R.T.: 0.002 min  
Response: 1263031  
Conc: 27.46 ng/ml



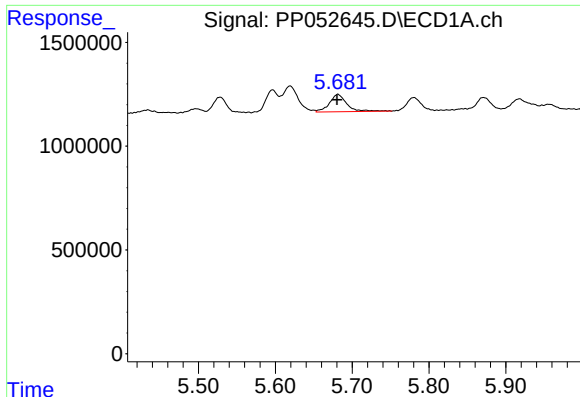
#4 AR-1016-2

R.T.: 5.619 min  
Delta R.T.: 0.002 min  
Response: 1781856  
Conc: 28.22 ng/ml



#4 AR-1016-2

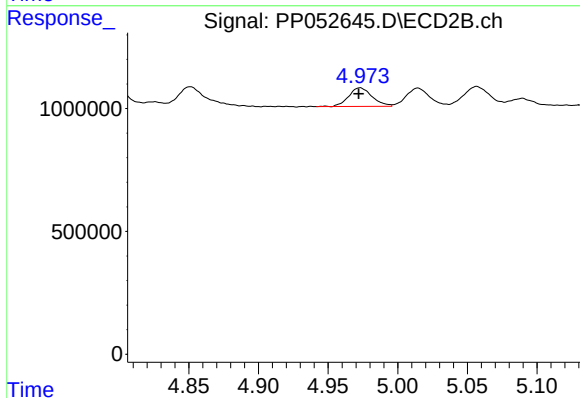
R.T.: 4.794 min  
Delta R.T.: 0.002 min  
Response: 1756305  
Conc: 28.05 ng/ml



#5 AR-1016-3

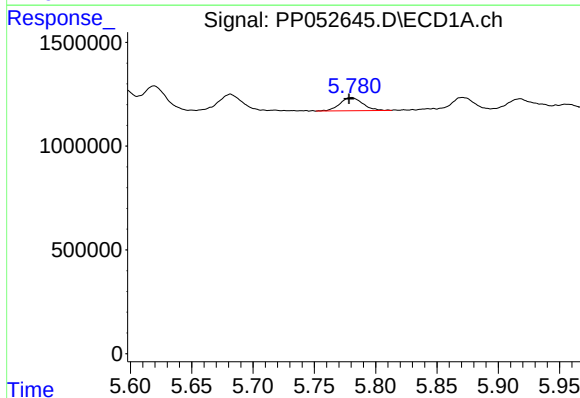
R.T.: 5.682 min  
Delta R.T.: 0.001 min  
Response: 1319358  
Conc: 32.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



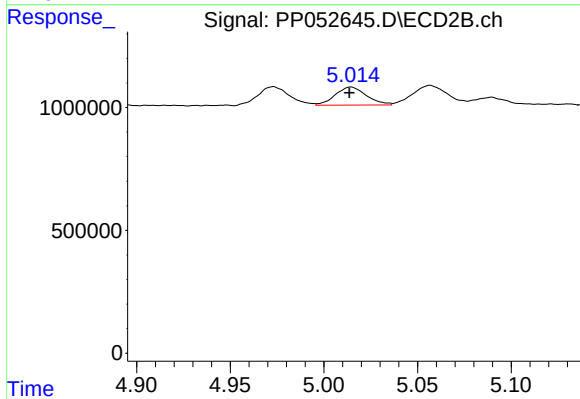
#5 AR-1016-3

R.T.: 4.973 min  
Delta R.T.: 0.000 min  
Response: 887780  
Conc: 25.75 ng/ml



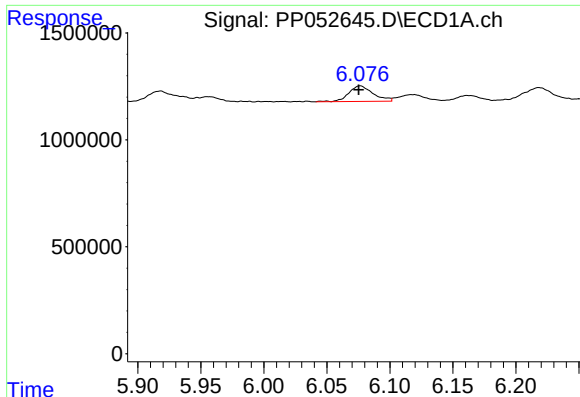
#6 AR-1016-4

R.T.: 5.780 min  
Delta R.T.: 0.002 min  
Response: 825816  
Conc: 23.95 ng/ml



#6 AR-1016-4

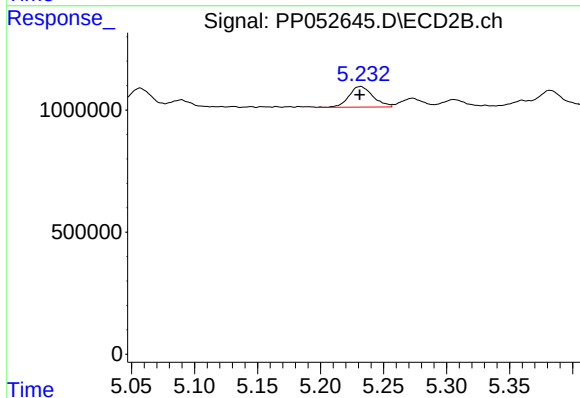
R.T.: 5.014 min  
Delta R.T.: 0.000 min  
Response: 855252  
Conc: 29.50 ng/ml



#7 AR-1016-5

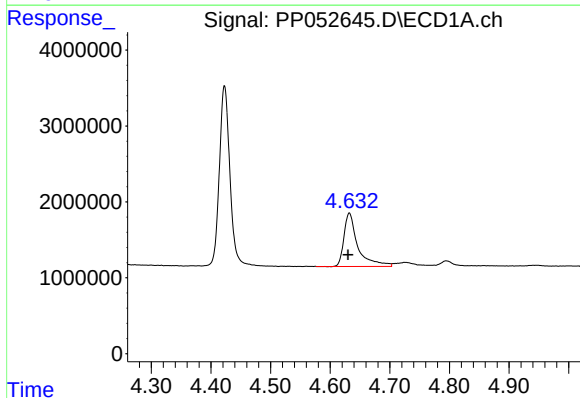
R.T.: 6.076 min  
Delta R.T.: 0.001 min  
Response: 976899  
Conc: 25.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



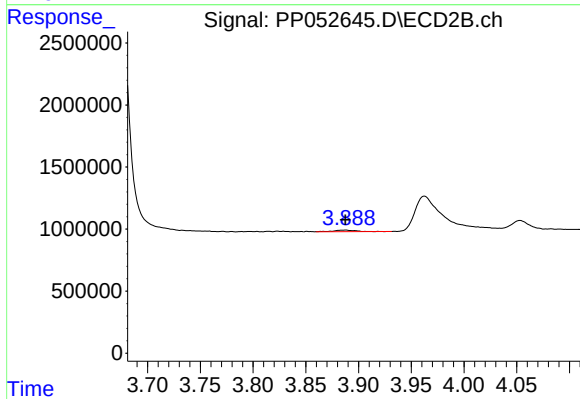
#7 AR-1016-5

R.T.: 5.232 min  
Delta R.T.: 0.000 min  
Response: 1115478  
Conc: 29.87 ng/ml



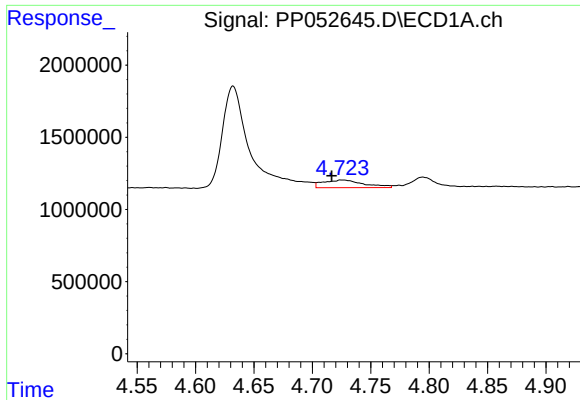
#8 AR-1221-1

R.T.: 4.632 min  
Delta R.T.: 0.002 min  
Response: 11361391  
Conc: 518.71 ng/ml



#8 AR-1221-1

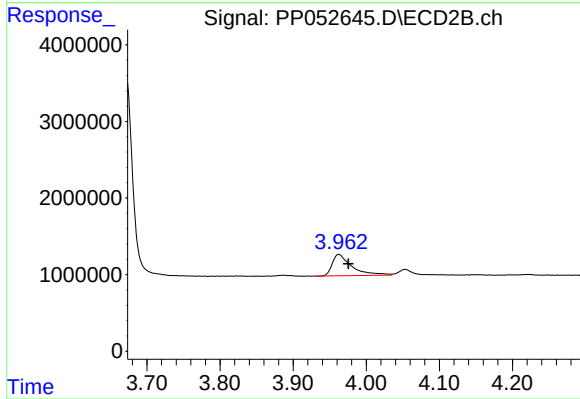
R.T.: 3.888 min  
Delta R.T.: 0.000 min  
Response: 179172  
Conc: 10.18 ng/ml



#9 AR-1221-2

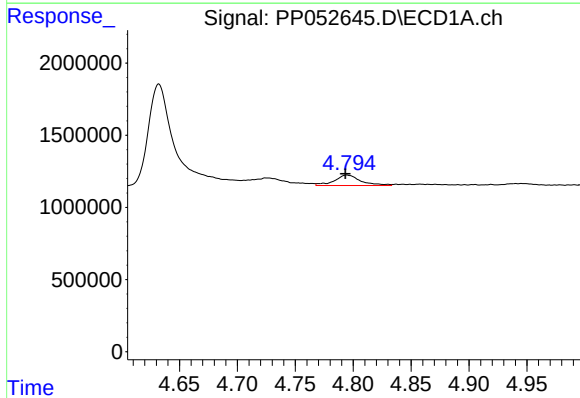
R.T.: 4.726 min  
Delta R.T.: 0.010 min  
Response: 1279499  
Conc: 79.78 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



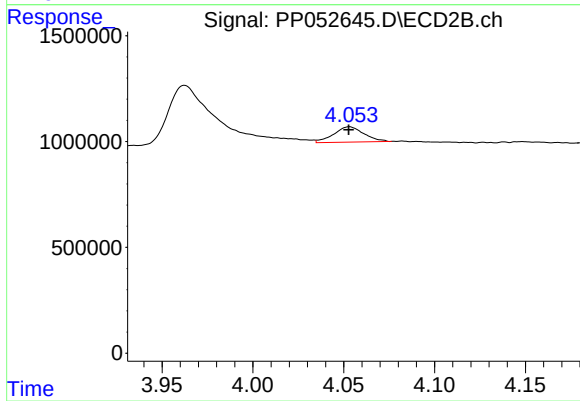
#9 AR-1221-2

R.T.: 3.963 min  
Delta R.T.: -0.013 min  
Response: 5183311  
Conc: 389.27 ng/ml



#10 AR-1221-3

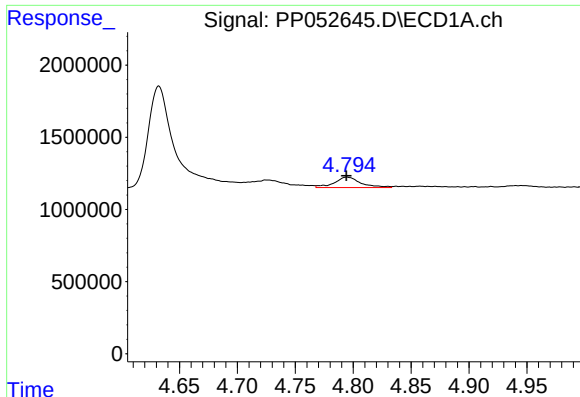
R.T.: 4.795 min  
Delta R.T.: 0.002 min  
Response: 1153518  
Conc: 23.64 ng/ml



#10 AR-1221-3

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 838409  
Conc: 20.22 ng/ml

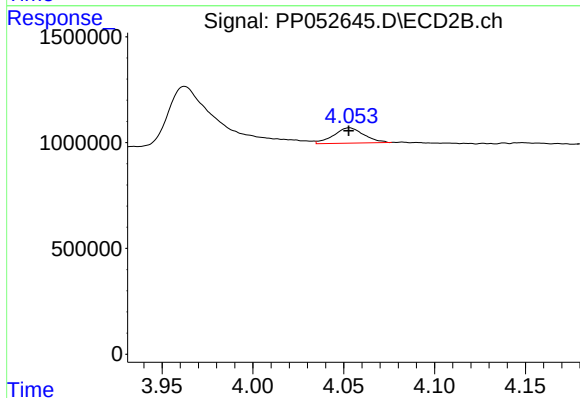




#11 AR-1232-1

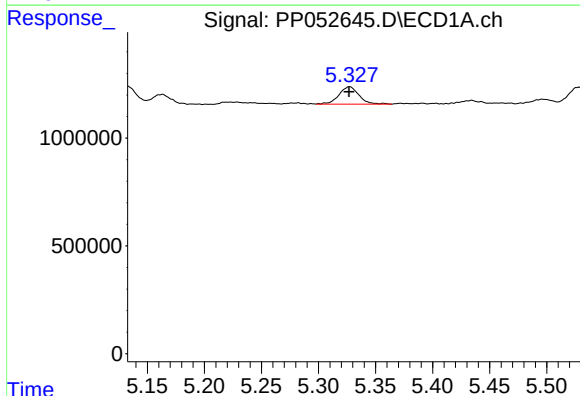
R.T.: 4.795 min  
Delta R.T.: 0.000 min  
Response: 1153518  
Conc: 31.07 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



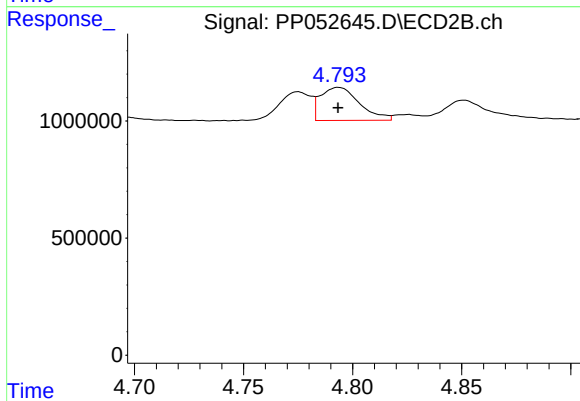
#11 AR-1232-1

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 838409  
Conc: 26.44 ng/ml



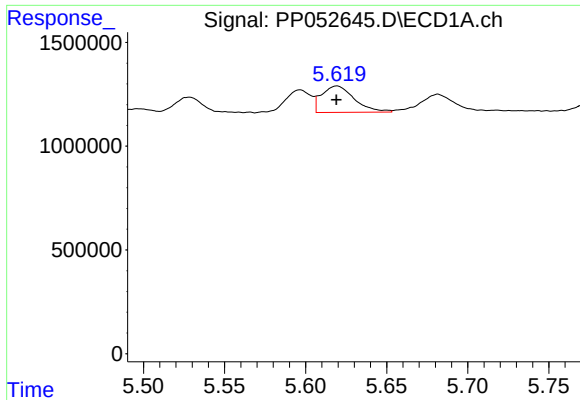
#12 AR-1232-2

R.T.: 5.327 min  
Delta R.T.: 0.000 min  
Response: 989282  
Conc: 48.83 ng/ml



#12 AR-1232-2

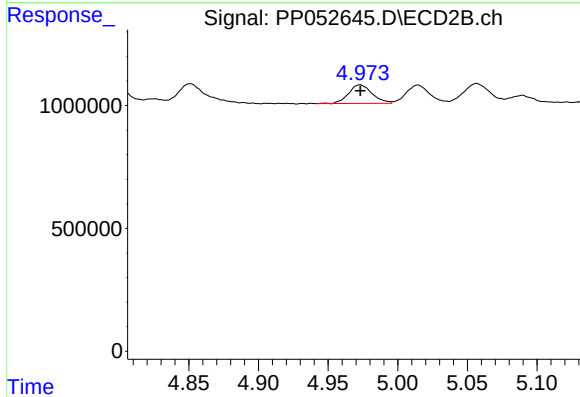
R.T.: 4.794 min  
Delta R.T.: 0.000 min  
Response: 1756305  
Conc: 57.25 ng/ml



#13 AR-1232-3

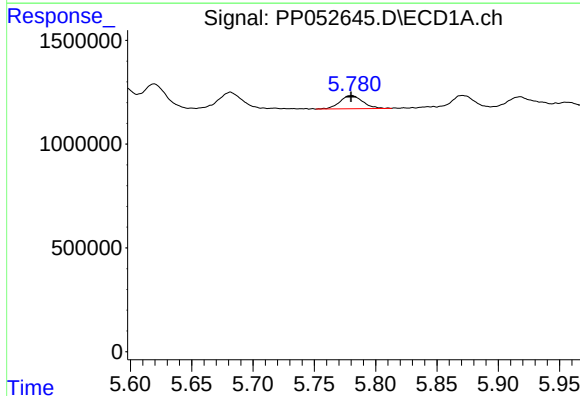
R.T.: 5.619 min  
Delta R.T.: 0.000 min  
Response: 1781856  
Conc: 58.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



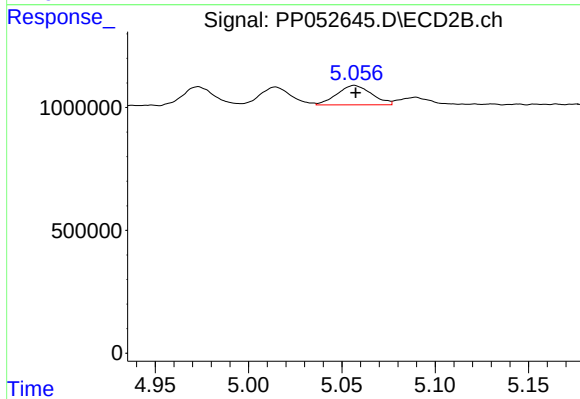
#13 AR-1232-3

R.T.: 4.973 min  
Delta R.T.: 0.000 min  
Response: 887780  
Conc: 55.24 ng/ml



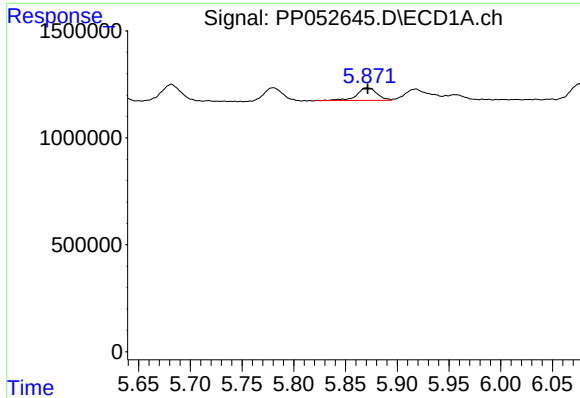
#14 AR-1232-4

R.T.: 5.780 min  
Delta R.T.: 0.000 min  
Response: 825816  
Conc: 51.74 ng/ml



#14 AR-1232-4

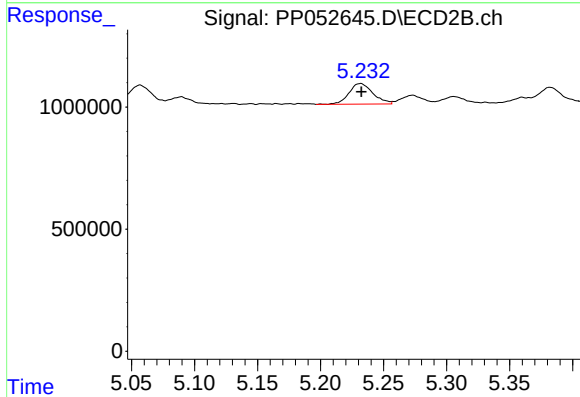
R.T.: 5.057 min  
Delta R.T.: 0.000 min  
Response: 1024985  
Conc: 67.75 ng/ml



#15 AR-1232-5

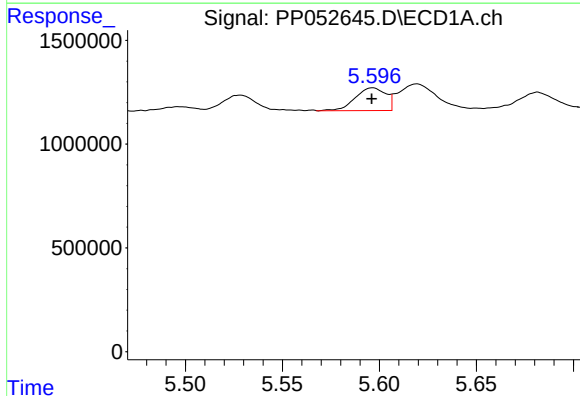
R.T.: 5.871 min  
Delta R.T.: 0.000 min  
Response: 802953  
Conc: 59.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



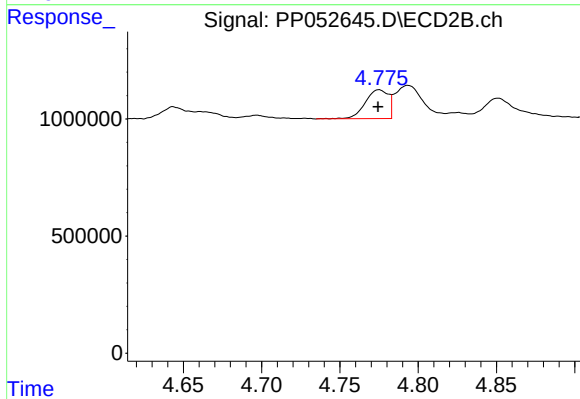
#15 AR-1232-5

R.T.: 5.232 min  
Delta R.T.: 0.000 min  
Response: 1115478  
Conc: 65.29 ng/ml



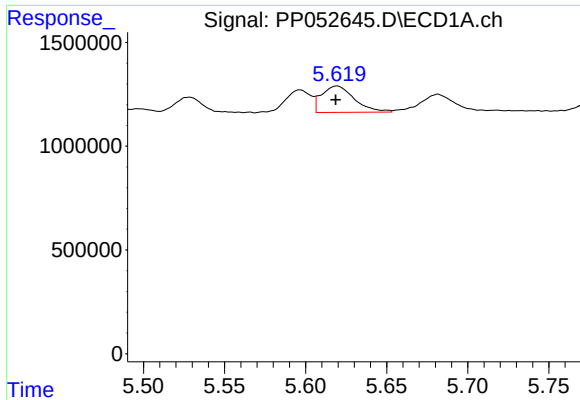
#16 AR-1242-1

R.T.: 5.597 min  
Delta R.T.: 0.000 min  
Response: 1203772  
Conc: 34.44 ng/ml



#16 AR-1242-1

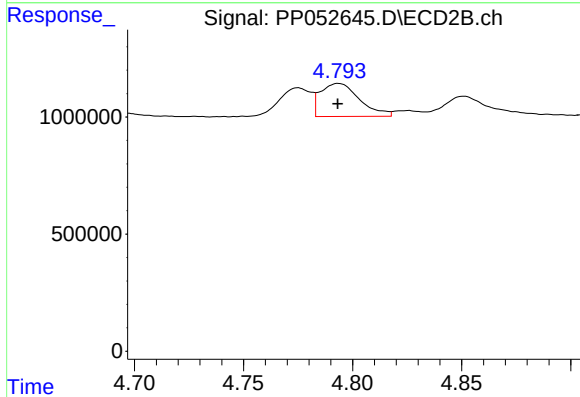
R.T.: 4.775 min  
Delta R.T.: 0.000 min  
Response: 1263031  
Conc: 32.78 ng/ml



#17 AR-1242-2

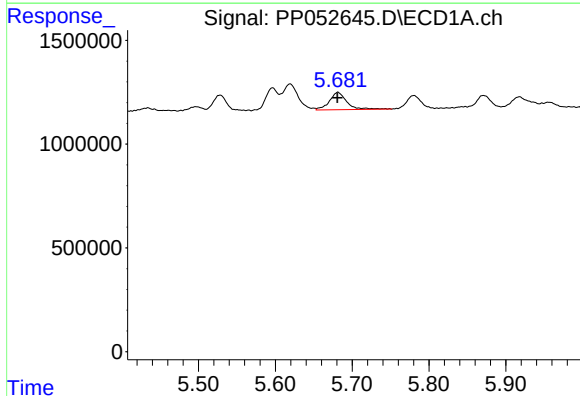
R.T.: 5.619 min  
Delta R.T.: 0.000 min  
Response: 1781856  
Conc: 33.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



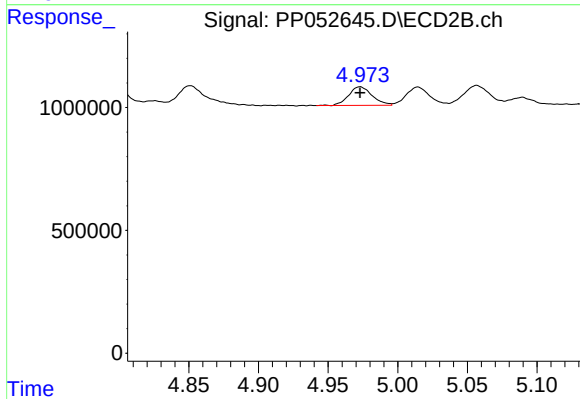
#17 AR-1242-2

R.T.: 4.794 min  
Delta R.T.: 0.000 min  
Response: 1756305  
Conc: 33.51 ng/ml



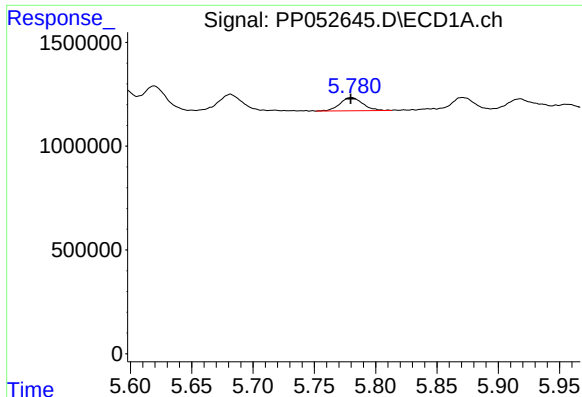
#18 AR-1242-3

R.T.: 5.682 min  
Delta R.T.: 0.001 min  
Response: 1319358  
Conc: 38.35 ng/ml



#18 AR-1242-3

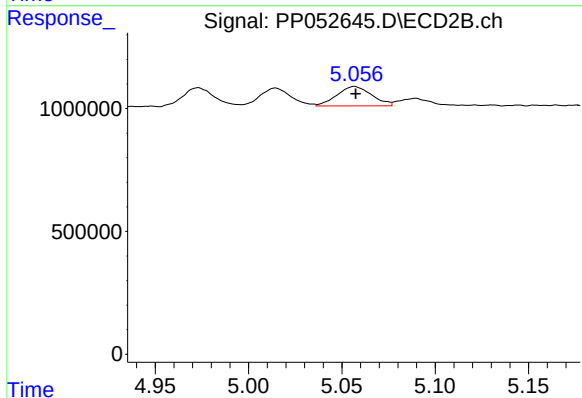
R.T.: 4.973 min  
Delta R.T.: 0.000 min  
Response: 887780  
Conc: 30.71 ng/ml



#19 AR-1242-4

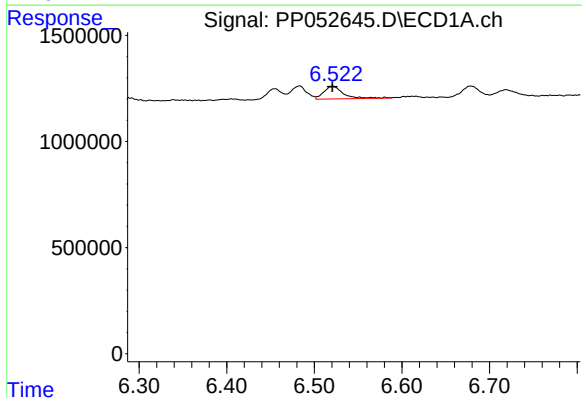
R.T.: 5.780 min  
Delta R.T.: 0.000 min  
Response: 825816  
Conc: 28.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



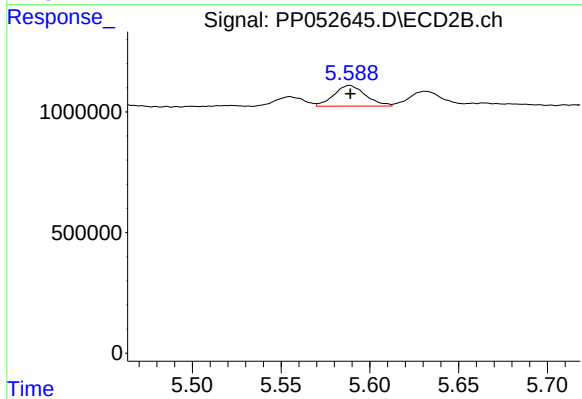
#19 AR-1242-4

R.T.: 5.057 min  
Delta R.T.: 0.000 min  
Response: 1024985  
Conc: 33.81 ng/ml



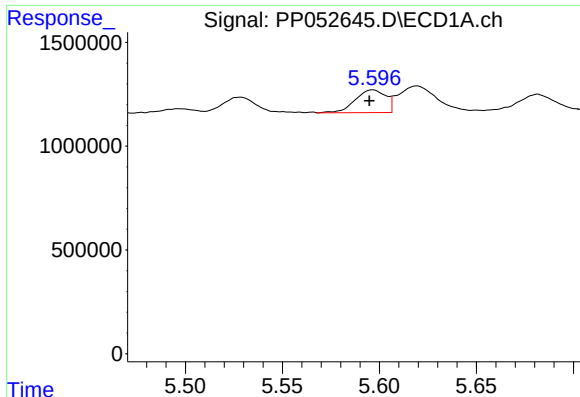
#20 AR-1242-5

R.T.: 6.521 min  
Delta R.T.: 0.000 min  
Response: 940271  
Conc: 26.06 ng/ml



#20 AR-1242-5

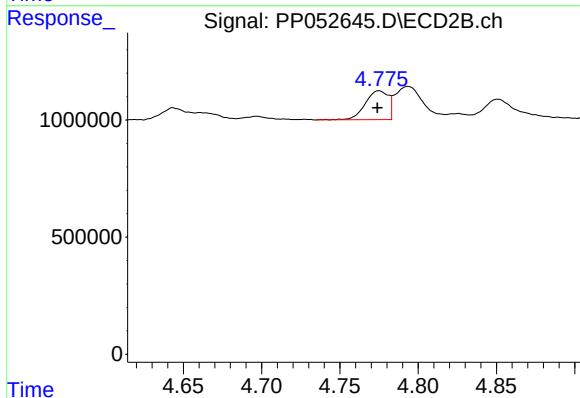
R.T.: 5.588 min  
Delta R.T.: 0.000 min  
Response: 1067310  
Conc: 30.59 ng/ml



#21 AR-1248-1

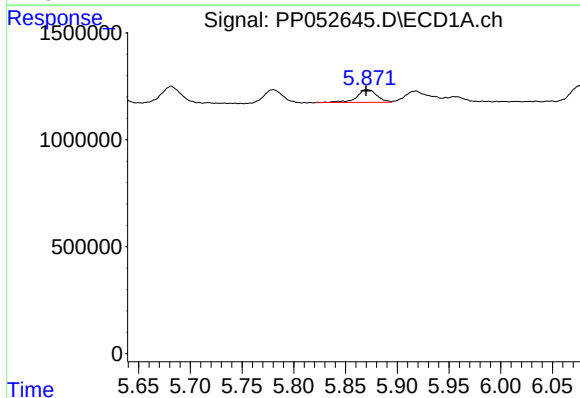
R.T.: 5.597 min  
Delta R.T.: 0.002 min  
Response: 1203772  
Conc: 41.49 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



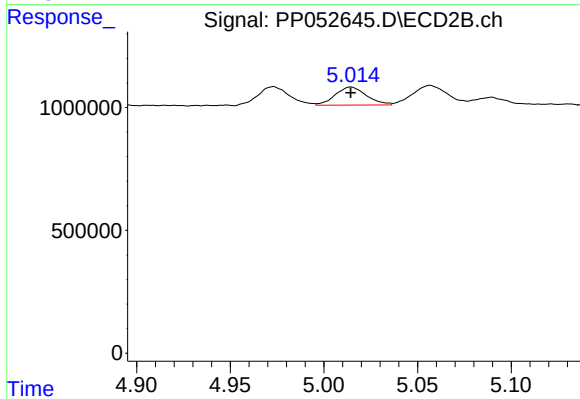
#21 AR-1248-1

R.T.: 4.775 min  
Delta R.T.: 0.001 min  
Response: 1263031  
Conc: 44.51 ng/ml



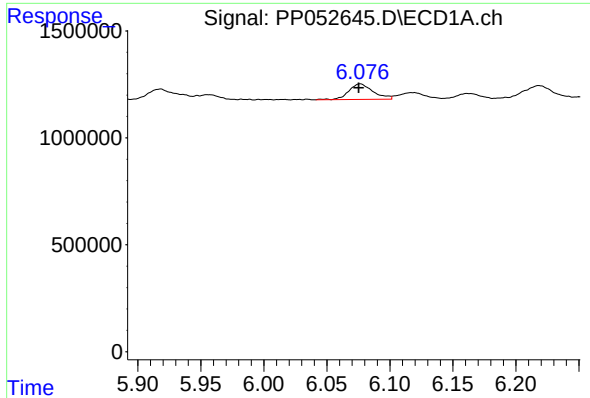
#22 AR-1248-2

R.T.: 5.871 min  
Delta R.T.: 0.001 min  
Response: 802953  
Conc: 18.95 ng/ml



#22 AR-1248-2

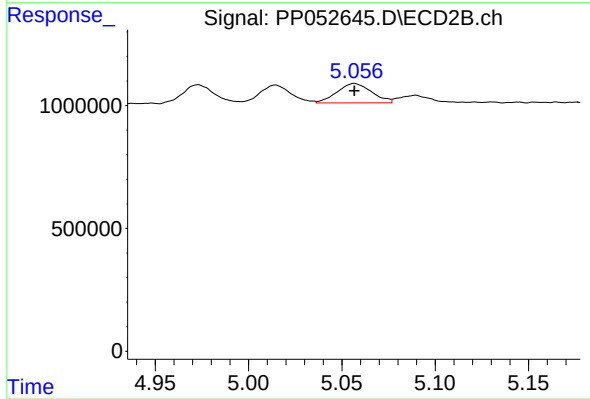
R.T.: 5.014 min  
Delta R.T.: 0.000 min  
Response: 855252  
Conc: 20.87 ng/ml



#23 AR-1248-3

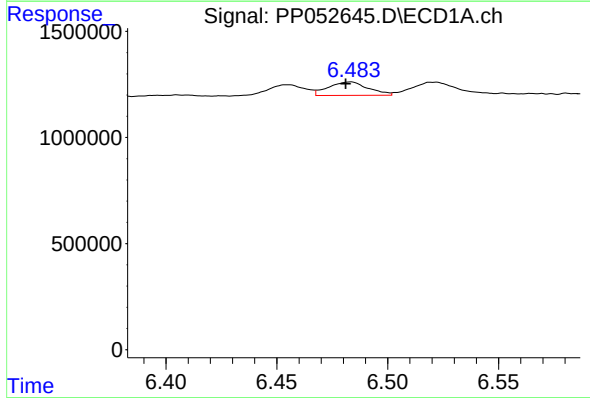
R.T.: 6.076 min  
Delta R.T.: 0.001 min  
Response: 976899  
Conc: 18.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



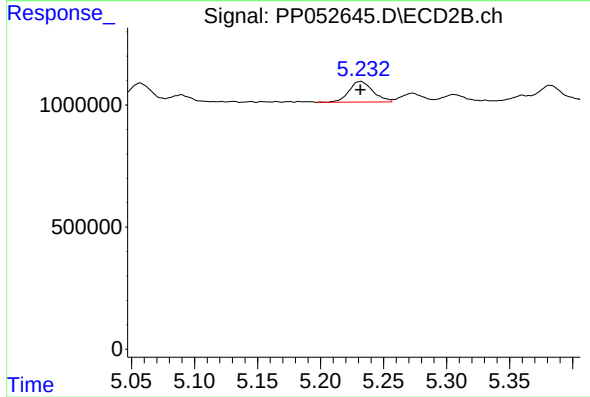
#23 AR-1248-3

R.T.: 5.057 min  
Delta R.T.: 0.000 min  
Response: 1024985  
Conc: 24.38 ng/ml



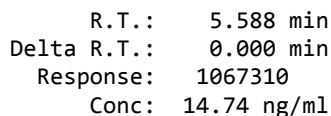
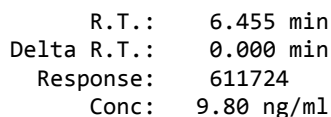
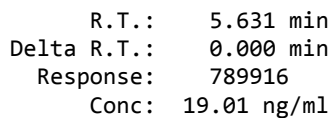
#24 AR-1248-4

R.T.: 6.483 min  
Delta R.T.: 0.002 min  
Response: 796644  
Conc: 14.46 ng/ml

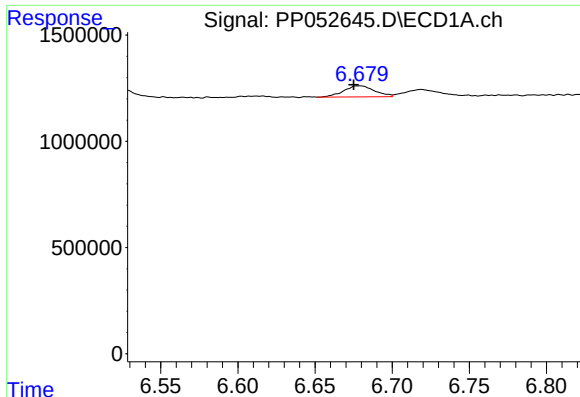


#24 AR-1248-4

R.T.: 5.232 min  
Delta R.T.: 0.000 min  
Response: 1115478  
Conc: 22.75 ng/ml



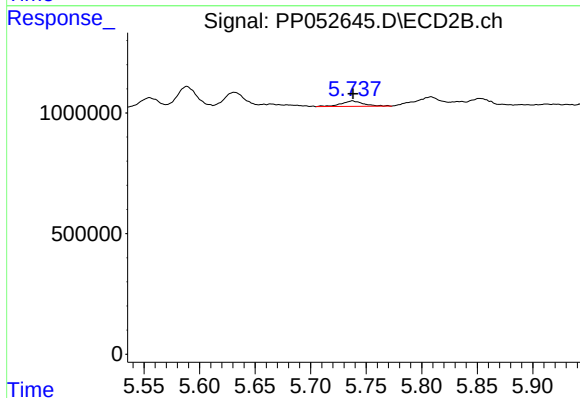




#27 AR-1254-2

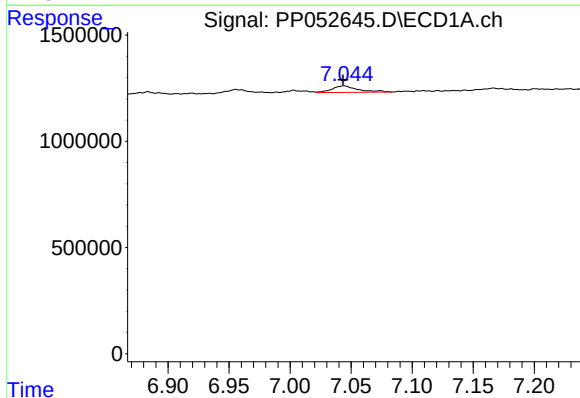
R.T.: 6.679 min  
Delta R.T.: 0.004 min  
Response: 724601  
Conc: 7.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



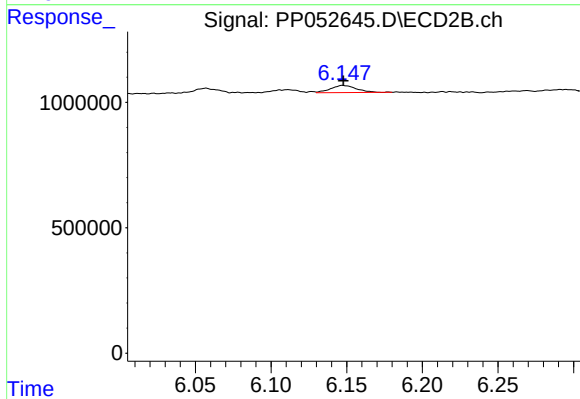
#27 AR-1254-2

R.T.: 5.738 min  
Delta R.T.: 0.000 min  
Response: 309281  
Conc: 4.82 ng/ml



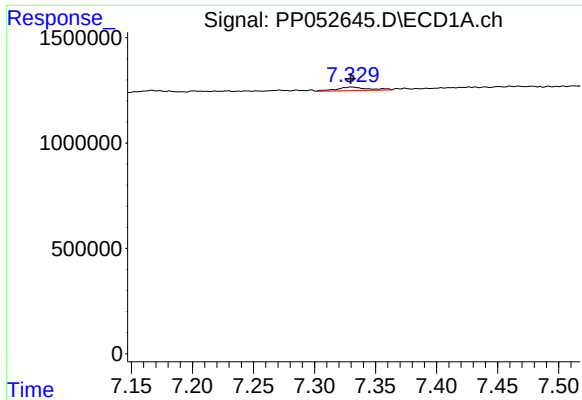
#28 AR-1254-3

R.T.: 7.044 min  
Delta R.T.: 0.000 min  
Response: 455520  
Conc: 4.87 ng/ml



#28 AR-1254-3

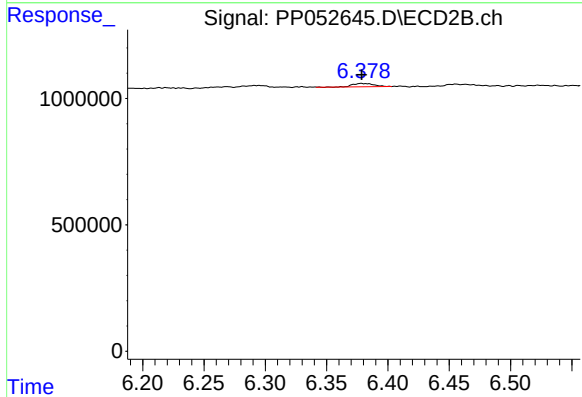
R.T.: 6.148 min  
Delta R.T.: 0.000 min  
Response: 341760  
Conc: 3.45 ng/ml



#29 AR-1254-4

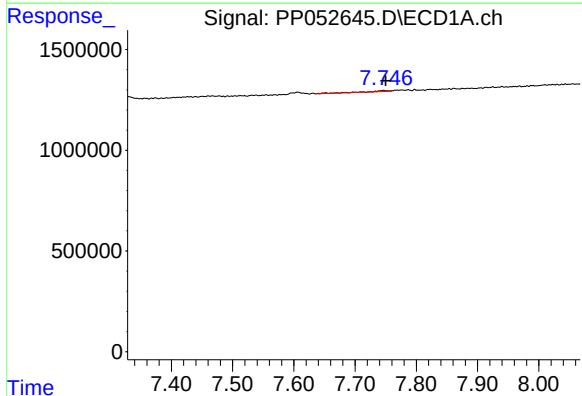
R.T.: 7.330 min  
Delta R.T.: 0.000 min  
Response: 296149  
Conc: 4.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



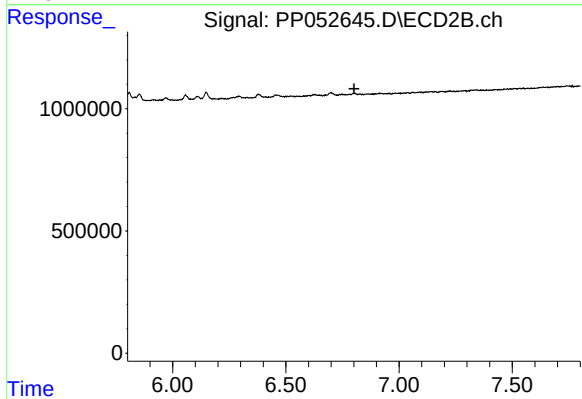
#29 AR-1254-4

R.T.: 6.379 min  
Delta R.T.: 0.000 min  
Response: 158032  
Conc: 3.07 ng/ml



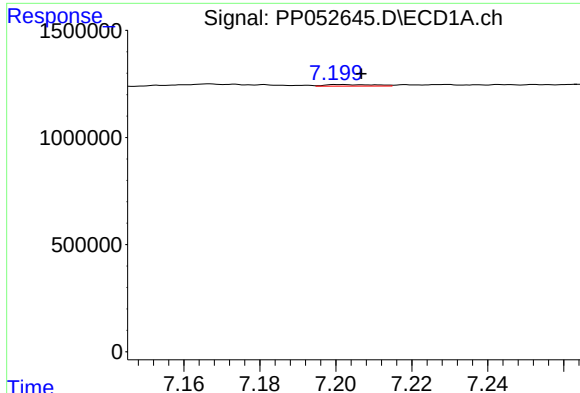
#30 AR-1254-5

R.T.: 7.747 min  
Delta R.T.: -0.003 min  
Response: 150142  
Conc: 1.98 ng/ml



#30 AR-1254-5

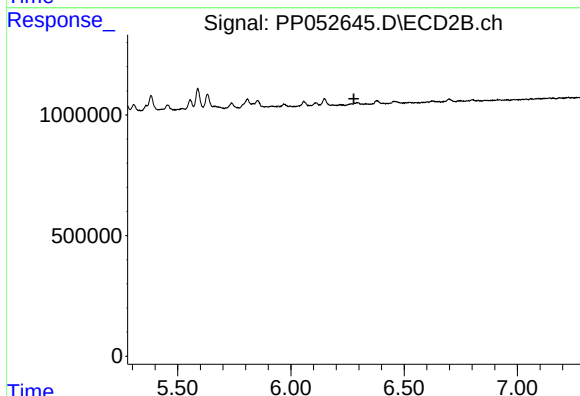
R.T.: 0.000 min  
Exp R.T. : 6.801 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

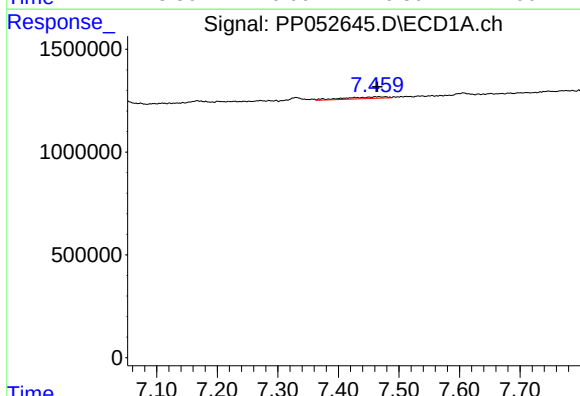
R.T.: 7.203 min  
Delta R.T.: -0.004 min  
Response: 68474  
Conc: 0.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



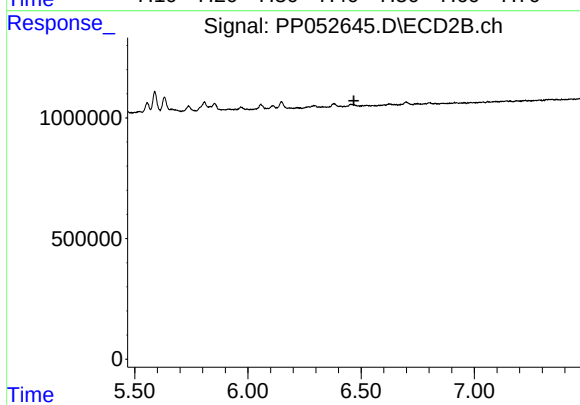
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.278 min  
Response: 0  
Conc: N.D.



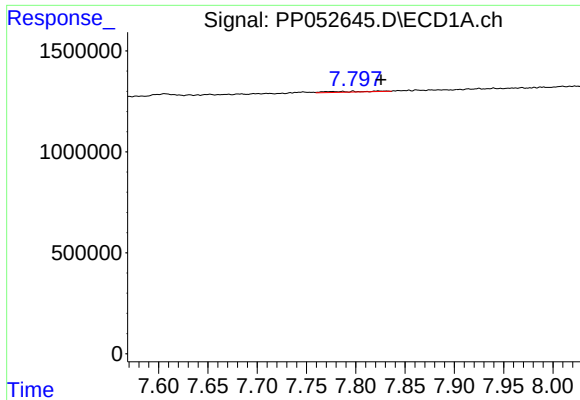
#32 AR-1260-2

R.T.: 7.466 min  
Delta R.T.: 0.001 min  
Response: 386347  
Conc: 4.62 ng/ml



#32 AR-1260-2

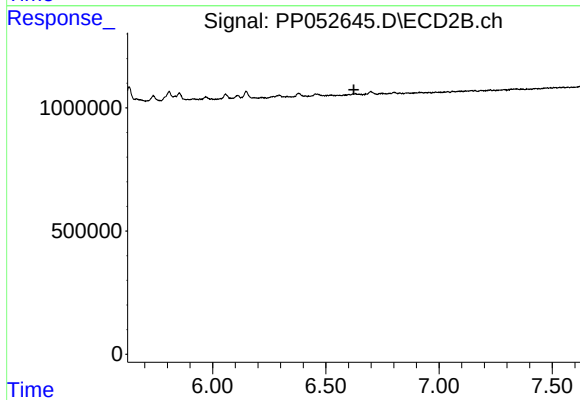
R.T.: 0.000 min  
Exp R.T. : 6.468 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

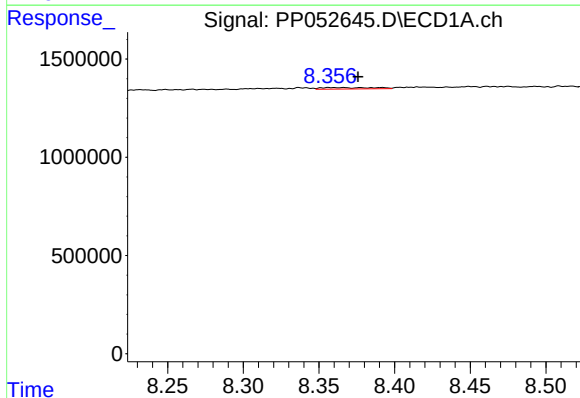
R.T.: 7.823 min  
Delta R.T.: -0.002 min  
Response: 126899  
Conc: 1.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



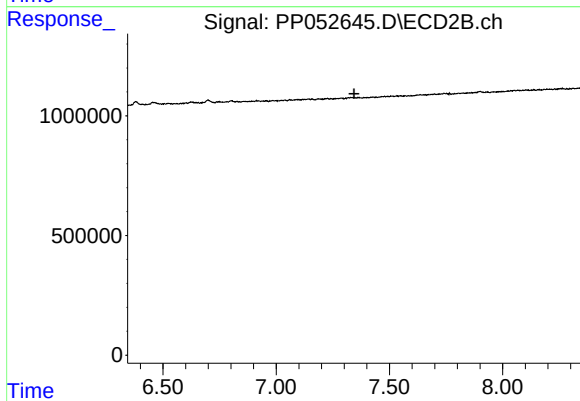
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.624 min  
Response: 0  
Conc: N.D.



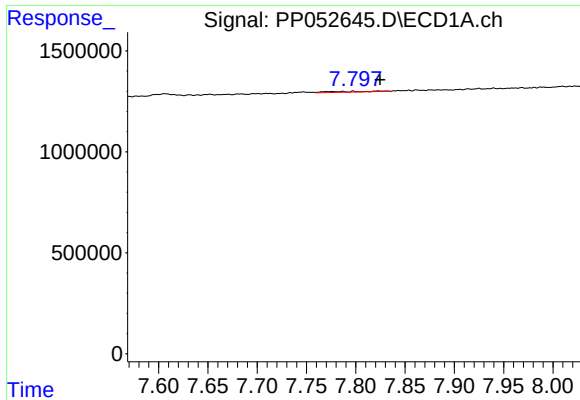
#35 AR-1260-5

R.T.: 8.359 min  
Delta R.T.: -0.017 min  
Response: 171129  
Conc: 1.29 ng/ml



#35 AR-1260-5

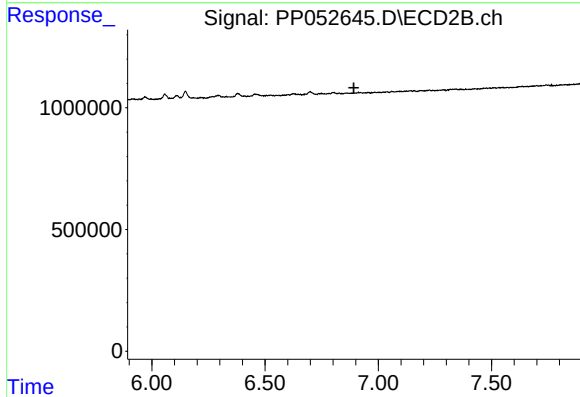
R.T.: 0.000 min  
Exp R.T. : 7.343 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

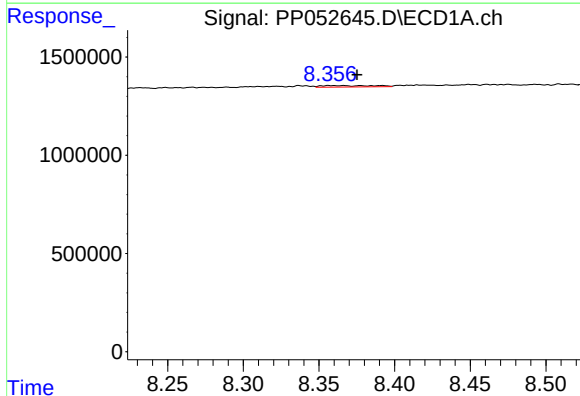
R.T.: 7.823 min  
Delta R.T.: -0.001 min  
Response: 126899  
Conc: 1.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



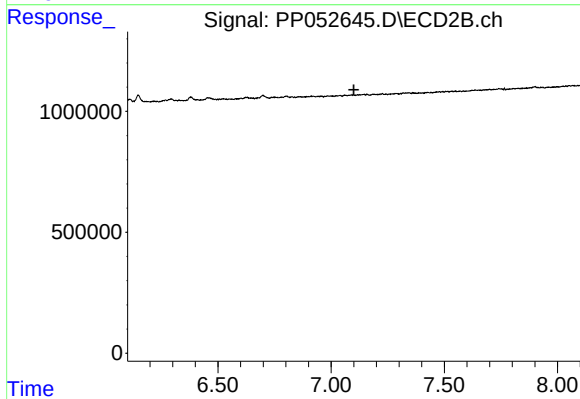
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 6.892 min  
Response: 0  
Conc: N.D.



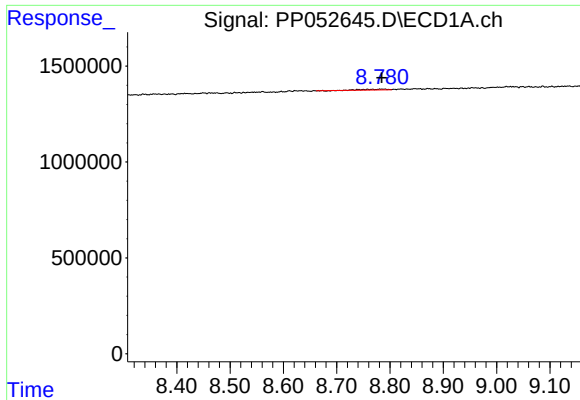
#37 AR-1262-2

R.T.: 8.359 min  
Delta R.T.: -0.016 min  
Response: 171129  
Conc: 1.12 ng/ml



#37 AR-1262-2

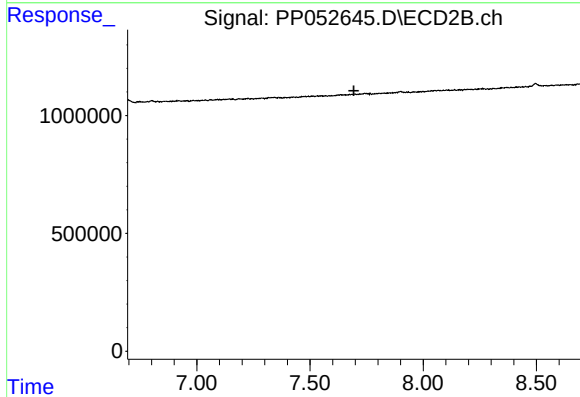
R.T.: 0.000 min  
Exp R.T. : 7.100 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

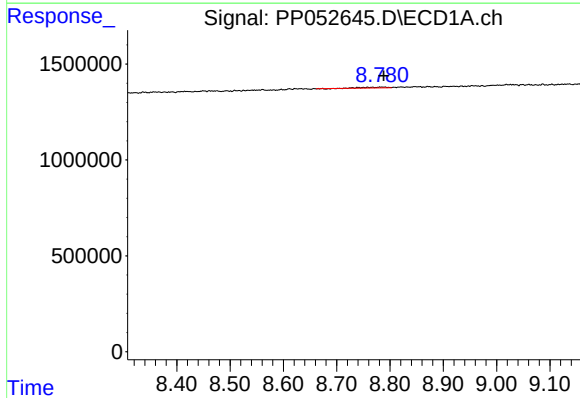
R.T.: 8.784 min  
Delta R.T.: 0.000 min  
Response: 123046  
Conc: 1.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



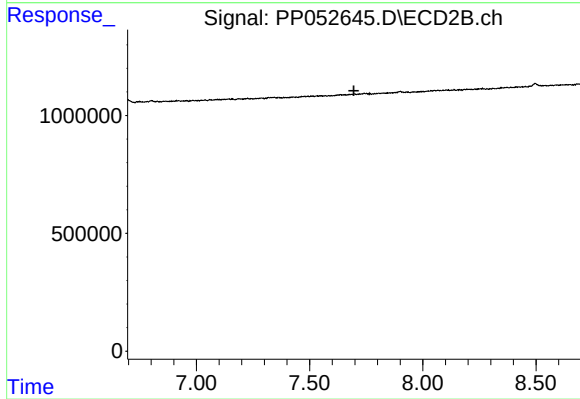
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.694 min  
Response: 0  
Conc: N.D.



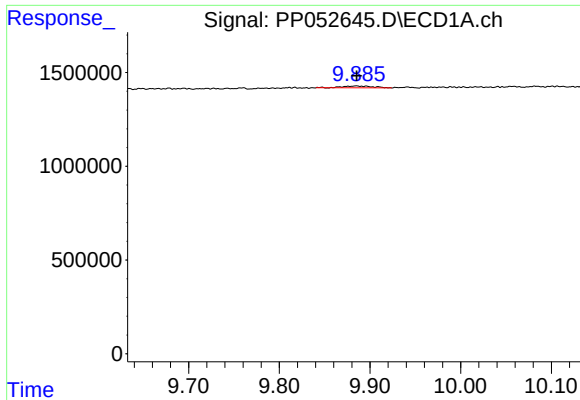
#42 AR-1268-2

R.T.: 8.784 min  
Delta R.T.: -0.004 min  
Response: 123046  
Conc: 0.63 ng/ml



#42 AR-1268-2

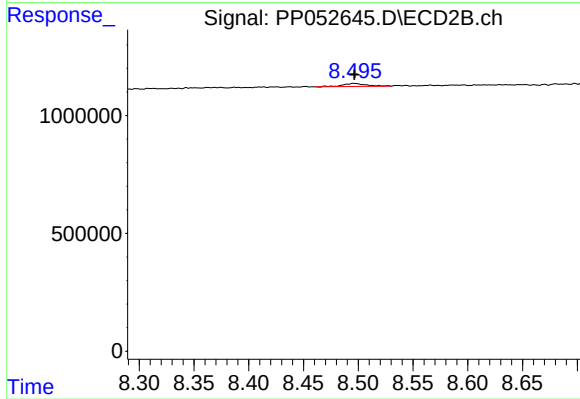
R.T.: 0.000 min  
Exp R.T. : 7.695 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.885 min  
Delta R.T.: 0.000 min  
Response: 227822  
Conc: 0.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 193672  
Conc: 0.44 ng/ml