

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0011323\  
 Data File : P0092012.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jan 2023 08:30  
 Operator : YP/AJ  
 Sample : HEXANE  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 13 10:04:48 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0011023.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jan 11 04:41:00 2023  
 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 |        |        |         |         |        |           |
| Target Compounds            |        |        |         |         |        |           |
| 3) L1 AR-1016-1             | 5.586f | 4.699f | 588818  | 262036  | 6.928  | 6.002     |
| 4) L1 AR-1016-2             | 5.586f | 4.699f | 588818  | 262036  | 4.681  | 4.162     |
| 5) L1 AR-1016-3             | 0.000  | 4.939  | 0       | 2726928 | N.D.   | 81.332 #  |
| 6) L1 AR-1016-4             | 0.000  | 4.939f | 0       | 2726928 | N.D.   | 91.799 #  |
| 7) L1 AR-1016-5             | 0.000  | 5.150f | 0       | 5792801 | N.D.   | 157.182 # |
| 12) L3 AR-1232-2            | 0.000  | 4.699f | 0       | 262036  | N.D.   | 9.054 #   |
| 13) L3 AR-1232-3            | 5.586f | 4.939  | 588818  | 2726928 | 10.273 | 180.669 # |
| 14) L3 AR-1232-4            | 0.000  | 5.065f | 0       | 6764014 | N.D.   | 448.942 # |
| 15) L3 AR-1232-5            | 0.000  | 5.150f | 0       | 5792801 | N.D.   | 354.230 # |
| 16) L4 AR-1242-1            | 5.586f | 4.699f | 588818  | 262036  | 8.251  | 7.019     |
| 17) L4 AR-1242-2            | 5.586f | 4.699f | 588818  | 262036  | 5.573  | 4.930     |
| 18) L4 AR-1242-3            | 0.000  | 4.939  | 0       | 2726928 | N.D.   | 95.305 #  |
| 19) L4 AR-1242-4            | 0.000  | 5.065f | 0       | 6764014 | N.D.   | 220.047 # |
| 20) L4 AR-1242-5            | 6.522f | 5.574  | 3186493 | 6489066 | 62.936 | 196.766 # |
| 21) L5 AR-1248-1            | 5.586f | 4.699f | 588818  | 262036  | 10.759 | 9.188     |
| 22) L5 AR-1248-2            | 0.000  | 4.939f | 0       | 2726928 | N.D.   | 61.480 #  |
| 23) L5 AR-1248-3            | 0.000  | 5.065f | 0       | 6764014 | N.D.   | 148.469 # |
| 24) L5 AR-1248-4            | 6.522  | 5.150f | 3186493 | 5792801 | 35.824 | 111.097 # |
| 25) L5 AR-1248-5            | 6.522f | 5.574  | 3186493 | 6489066 | 36.834 | 146.718 # |
| 26) L6 AR-1254-1            | 6.522  | 5.574  | 3186493 | 6489066 | 30.799 | 87.893 #  |
| 27) L6 AR-1254-2            | 0.000  | 5.668  | 0       | 3743223 | N.D.   | 57.284 #  |
| 28) L6 AR-1254-3            | 0.000  | 6.125  | 0       | 9426029 | N.D.   | 97.114 #  |
| 29) L6 AR-1254-4            | 0.000  | 6.361  | 0       | 821969  | N.D.   | 16.960 #  |
| 30) L6 AR-1254-5            | 0.000  | 6.769  | 0       | 742989  | N.D.   | 9.649 #   |
| 31) L7 AR-1260-1            | 7.249  | 0.000  | 3009005 | 0       | 25.061 | N.D. #    |
| 32) L7 AR-1260-2            | 7.492f | 6.404  | 2532540 | 423016  | 19.715 | 5.775 #   |
| 33) L7 AR-1260-3            | 0.000  | 6.570  | 0       | 1217433 | N.D.   | 17.022 #  |
| 35) L7 AR-1260-5            | 0.000  | 7.357f | 0       | 276089  | N.D.   | 2.460 #   |
| 36) L8 AR-1262-1            | 0.000  | 6.769  | 0       | 742989  | N.D.   | 9.698 #   |
| 37) L8 AR-1262-2            | 0.000  | 7.357f | 0       | 276089  | N.D.   | 2.385 #   |
| 38) L8 AR-1262-3            | 0.000  | 7.577  | 0       | 840554  | N.D.   | 18.798 #  |
| 39) L8 AR-1262-4            | 0.000  | 7.611f | 0       | 1382782 | N.D.   | 16.653 #  |
| 40) L8 AR-1262-5            | 0.000  | 8.120  | 0       | 1754809 | N.D.   | 48.160 #  |
| 41) L9 AR-1268-1            | 0.000  | 7.577  | 0       | 840554  | N.D.   | 5.515 #   |
| 42) L9 AR-1268-2            | 0.000  | 7.611f | 0       | 1382782 | N.D.   | 10.104 #  |
| 43) L9 AR-1268-3            | 0.000  | 7.904f | 0       | 1204567 | N.D.   | 9.484 #   |
| 44) L9 AR-1268-4            | 0.000  | 8.120  | 0       | 1754809 | N.D.   | 37.050 #  |
| -----                       |        |        |         |         |        |           |

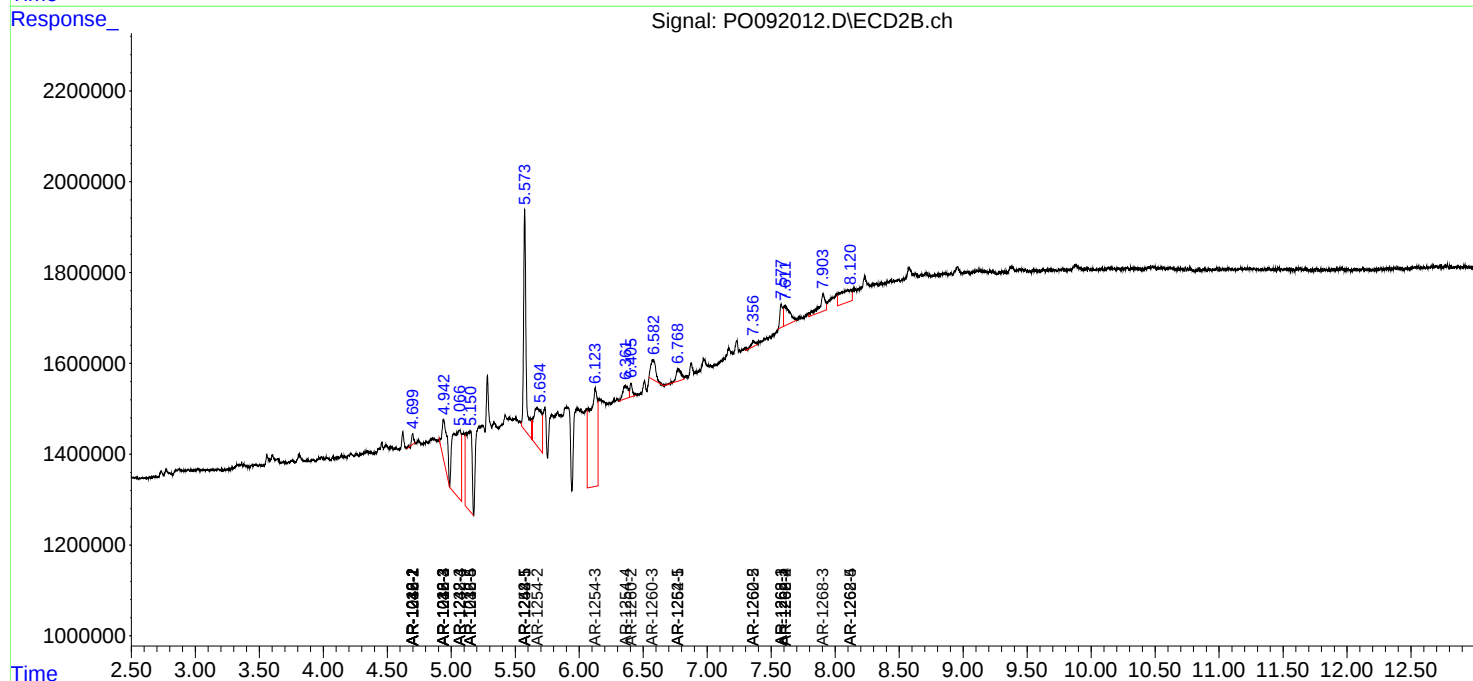
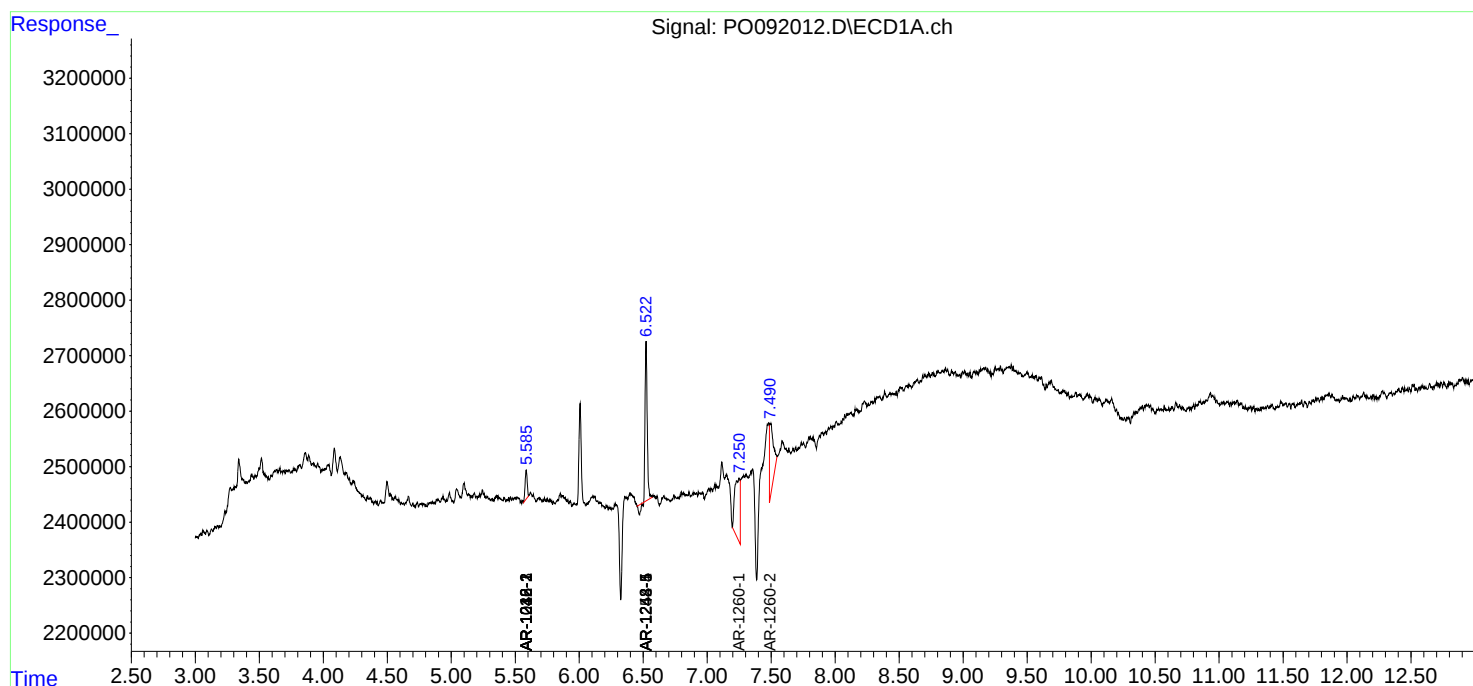
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

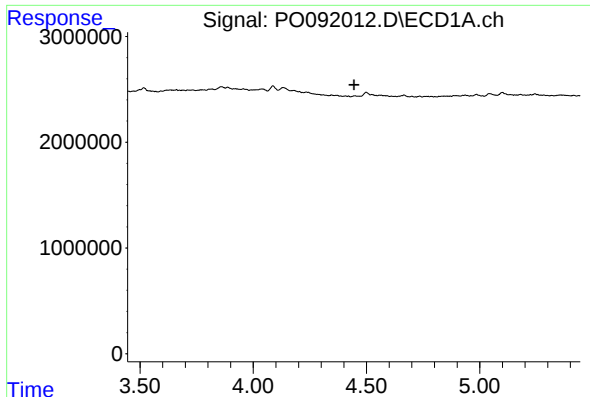
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO011323\  
Data File : PO092012.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jan 2023 08:30  
Operator : YP/AJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 13 10:04:48 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO011023.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jan 11 04:41:00 2023  
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

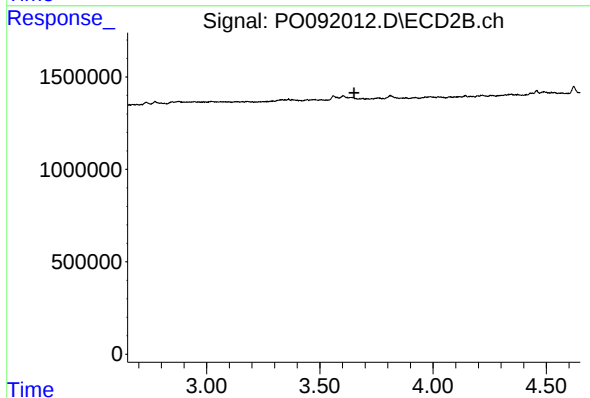




#1 Tetrachloro-m-xylene

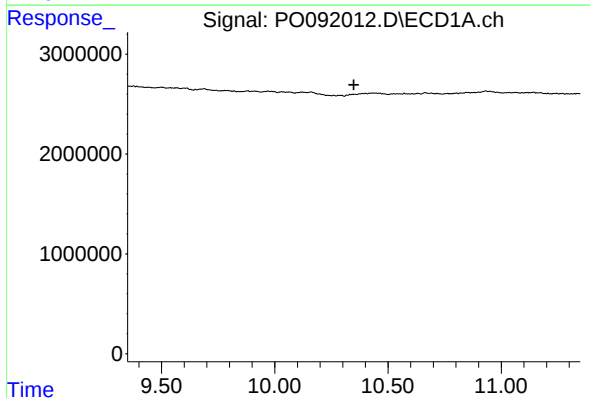
R.T.: 0.000 min  
Exp R.T. : 4.445 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



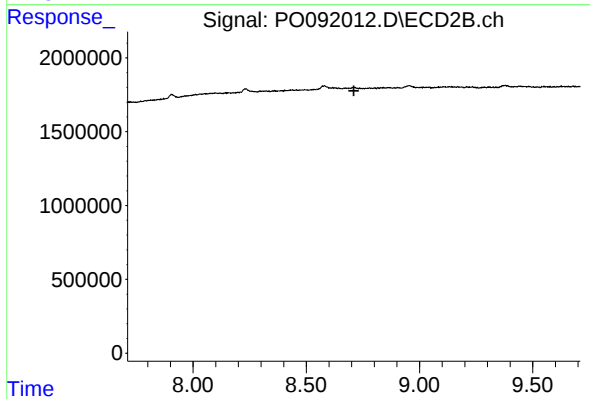
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 3.651 min  
Response: 0  
Conc: N.D.



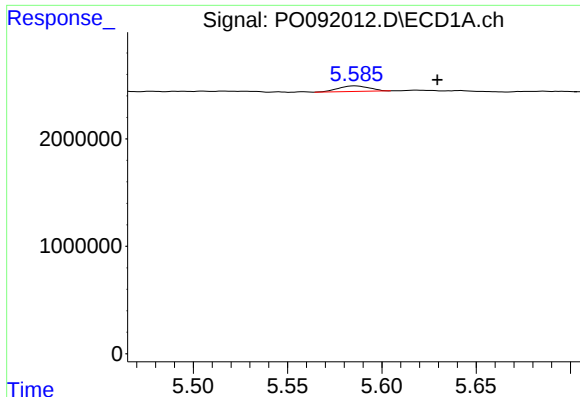
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 10.349 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

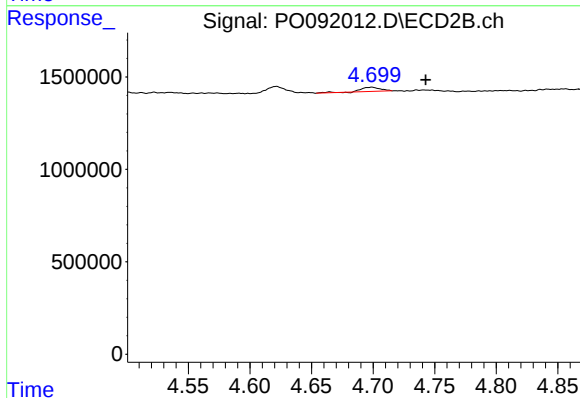
R.T.: 0.000 min  
Exp R.T. : 8.710 min  
Response: 0  
Conc: N.D.



#3 AR-1016-1

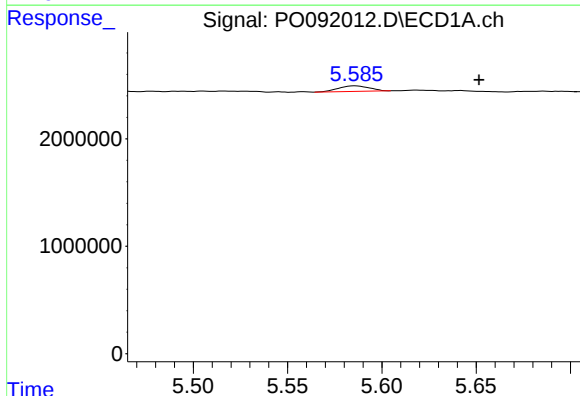
R.T.: 5.586 min  
Delta R.T.: -0.044 min  
Response: 588818  
Conc: 6.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



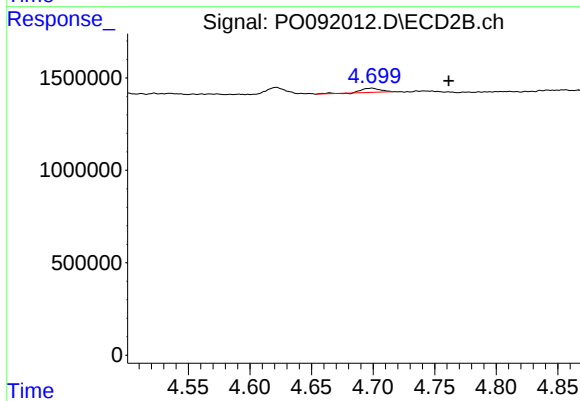
#3 AR-1016-1

R.T.: 4.699 min  
Delta R.T.: -0.044 min  
Response: 262036  
Conc: 6.00 ng/ml



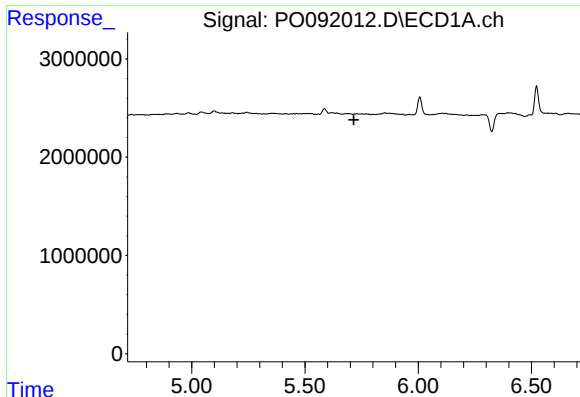
#4 AR-1016-2

R.T.: 5.586 min  
Delta R.T.: -0.066 min  
Response: 588818  
Conc: 4.68 ng/ml



#4 AR-1016-2

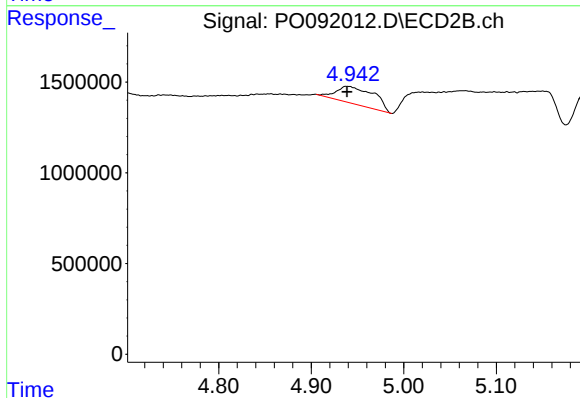
R.T.: 4.699 min  
Delta R.T.: -0.063 min  
Response: 262036  
Conc: 4.16 ng/ml



#5 AR-1016-3

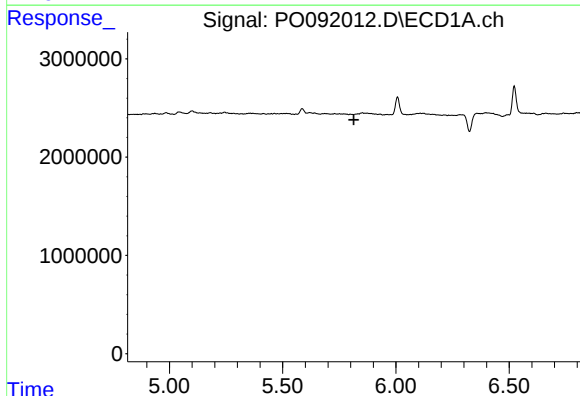
R.T.: 0.000 min  
Exp R.T.: 5.715 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



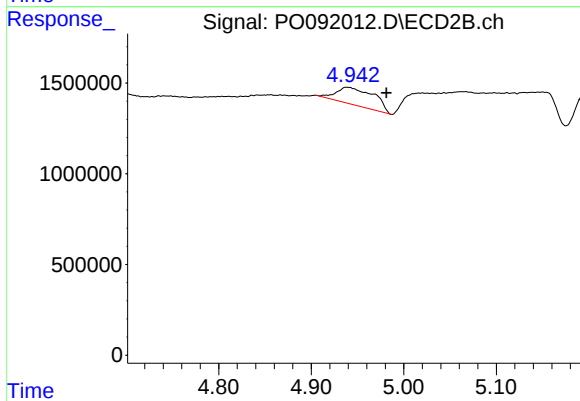
#5 AR-1016-3

R.T.: 4.939 min  
Delta R.T.: 0.000 min  
Response: 2726928  
Conc: 81.33 ng/ml



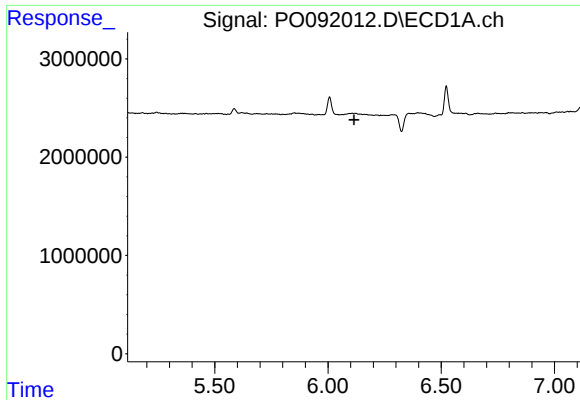
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.814 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

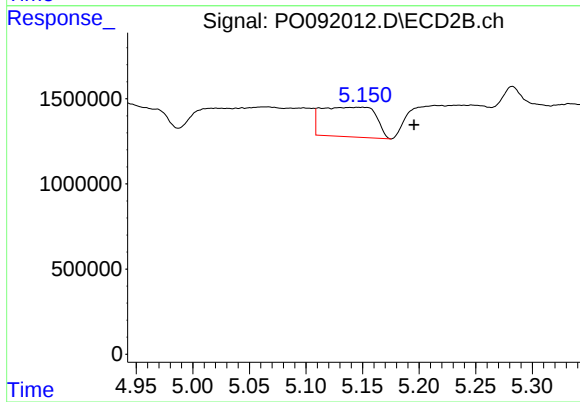
R.T.: 4.939 min  
Delta R.T.: -0.042 min  
Response: 2726928  
Conc: 91.80 ng/ml



#7 AR-1016-5

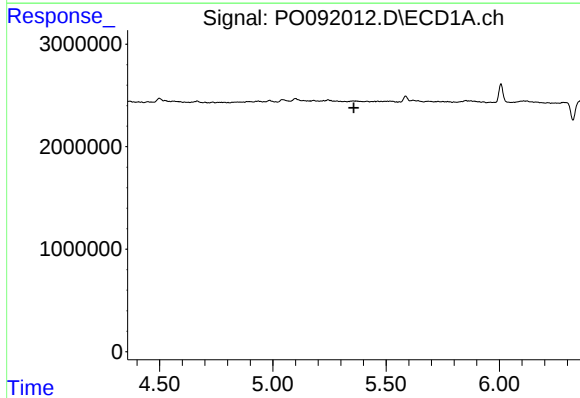
R.T.: 0.000 min  
Exp R.T. : 6.115 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



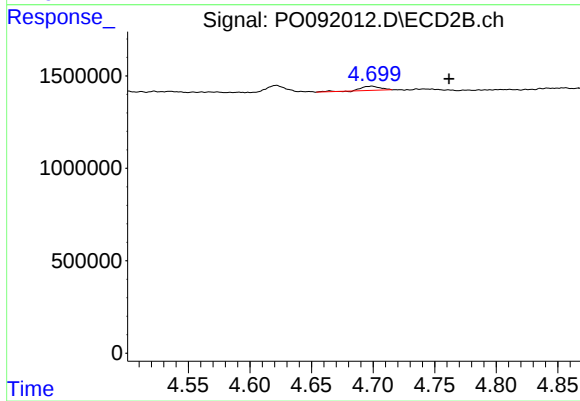
#7 AR-1016-5

R.T.: 5.150 min  
Delta R.T.: -0.046 min  
Response: 5792801  
Conc: 157.18 ng/ml



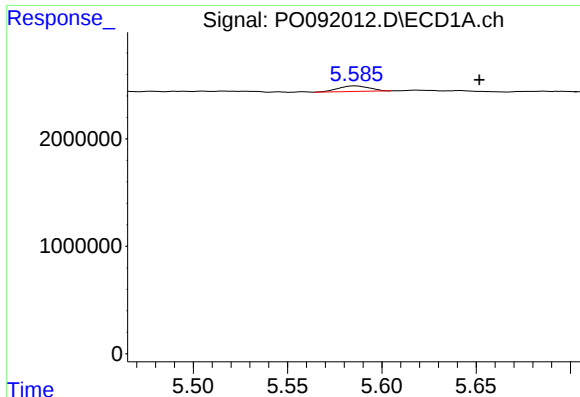
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.357 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

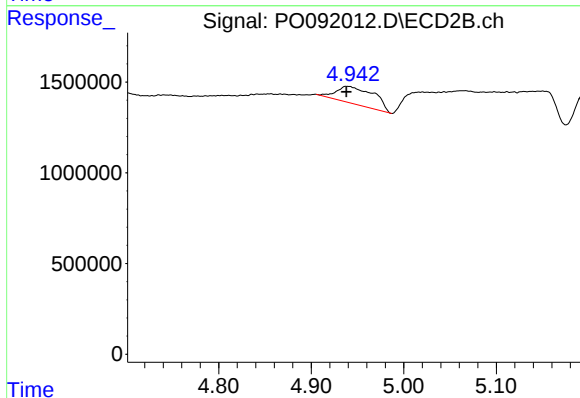
R.T.: 4.699 min  
Delta R.T.: -0.063 min  
Response: 262036  
Conc: 9.05 ng/ml



#13 AR-1232-3

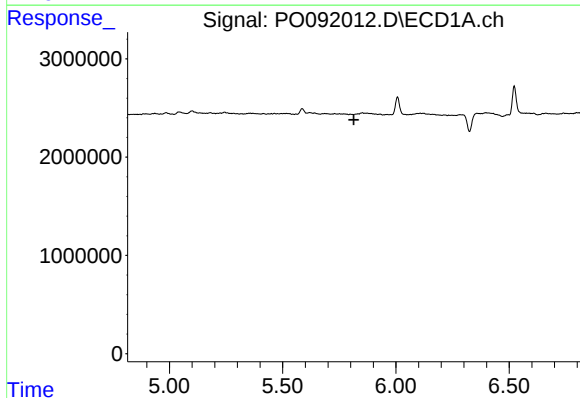
R.T.: 5.586 min  
Delta R.T.: -0.066 min  
Response: 588818  
Conc: 10.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



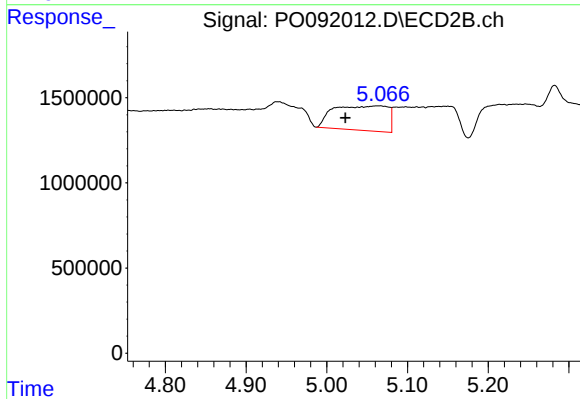
#13 AR-1232-3

R.T.: 4.939 min  
Delta R.T.: 0.000 min  
Response: 2726928  
Conc: 180.67 ng/ml



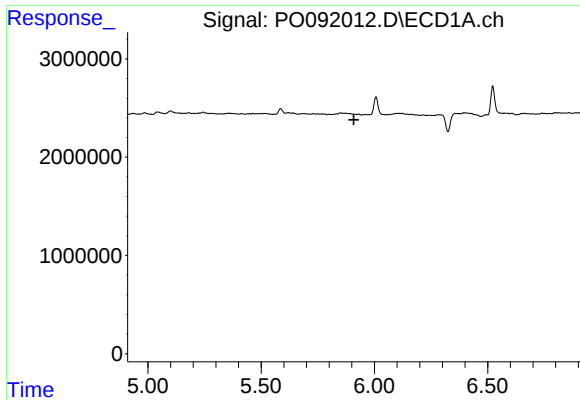
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.814 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

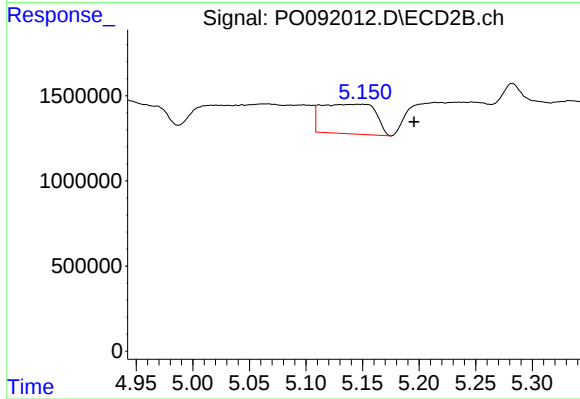
R.T.: 5.065 min  
Delta R.T.: 0.042 min  
Response: 6764014  
Conc: 448.94 ng/ml



#15 AR-1232-5

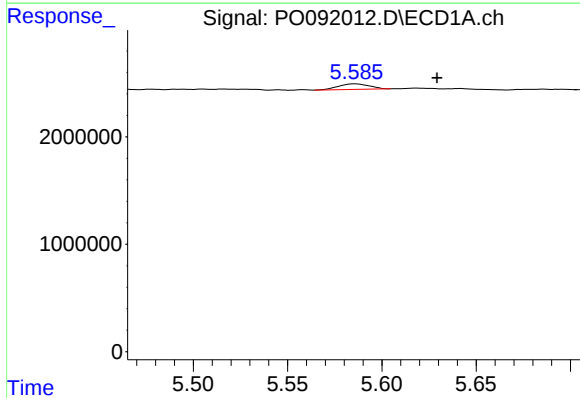
R.T.: 0.000 min  
Exp R.T.: 5.909 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



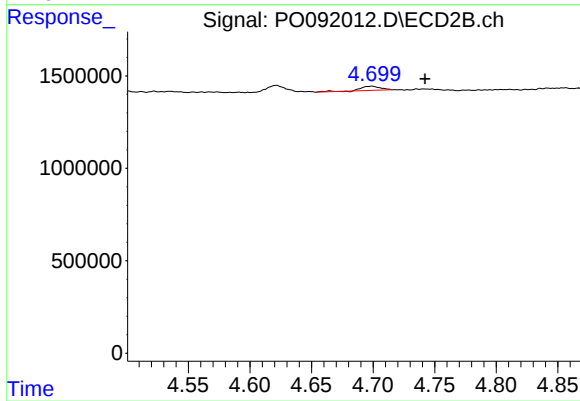
#15 AR-1232-5

R.T.: 5.150 min  
Delta R.T.: -0.046 min  
Response: 5792801  
Conc: 354.23 ng/ml



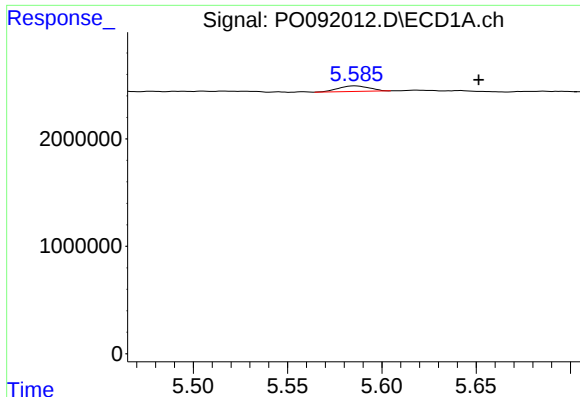
#16 AR-1242-1

R.T.: 5.586 min  
Delta R.T.: -0.043 min  
Response: 588818  
Conc: 8.25 ng/ml



#16 AR-1242-1

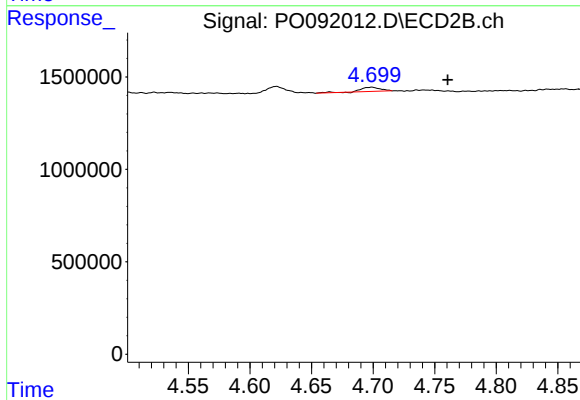
R.T.: 4.699 min  
Delta R.T.: -0.043 min  
Response: 262036  
Conc: 7.02 ng/ml



#17 AR-1242-2

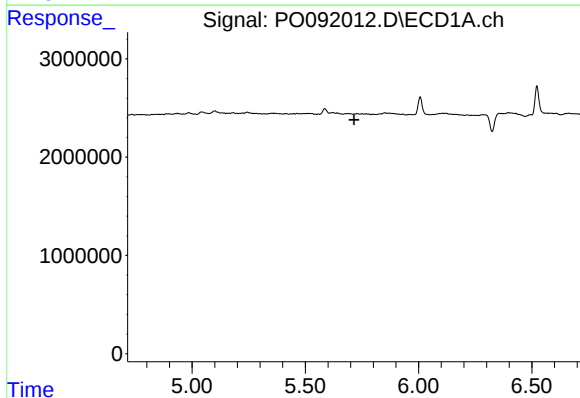
R.T.: 5.586 min  
Delta R.T.: -0.066 min  
Response: 588818  
Conc: 5.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



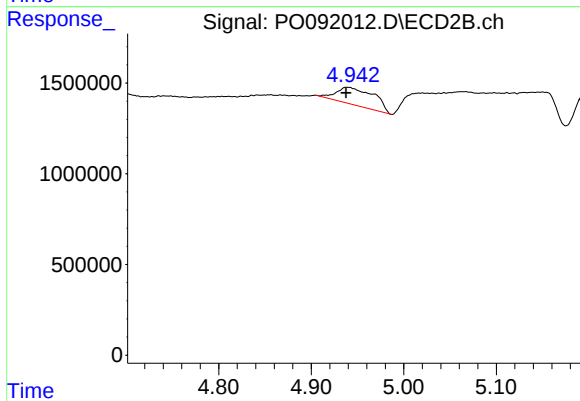
#17 AR-1242-2

R.T.: 4.699 min  
Delta R.T.: -0.062 min  
Response: 262036  
Conc: 4.93 ng/ml



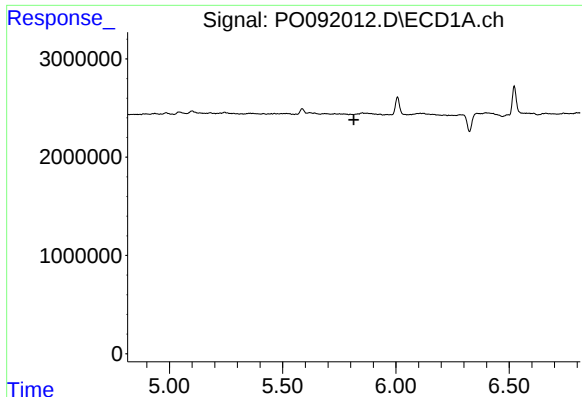
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.715 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

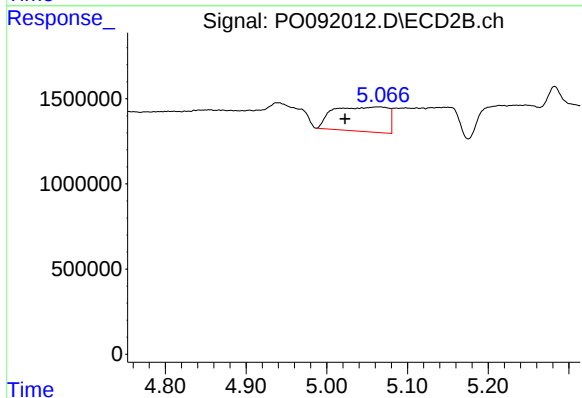
R.T.: 4.939 min  
Delta R.T.: 0.001 min  
Response: 2726928  
Conc: 95.30 ng/ml



#19 AR-1242-4

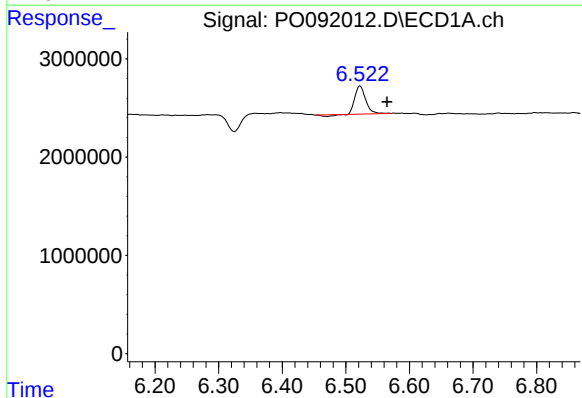
R.T.: 0.000 min  
Exp R.T.: 5.814 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



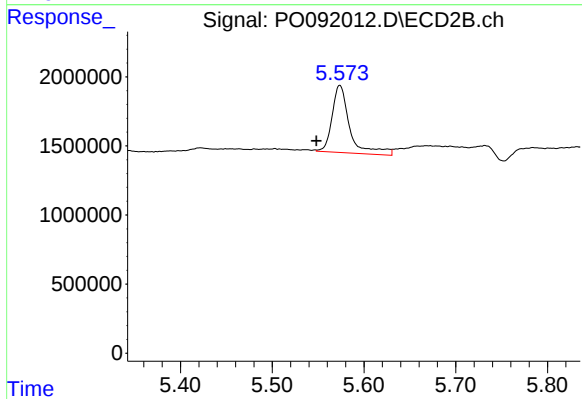
#19 AR-1242-4

R.T.: 5.065 min  
Delta R.T.: 0.042 min  
Response: 6764014  
Conc: 220.05 ng/ml



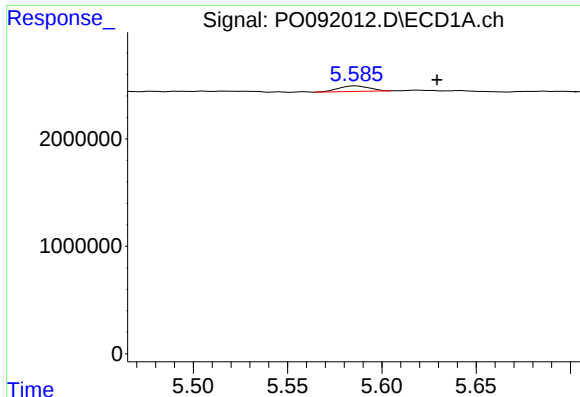
#20 AR-1242-5

R.T.: 6.522 min  
Delta R.T.: -0.043 min  
Response: 3186493  
Conc: 62.94 ng/ml



#20 AR-1242-5

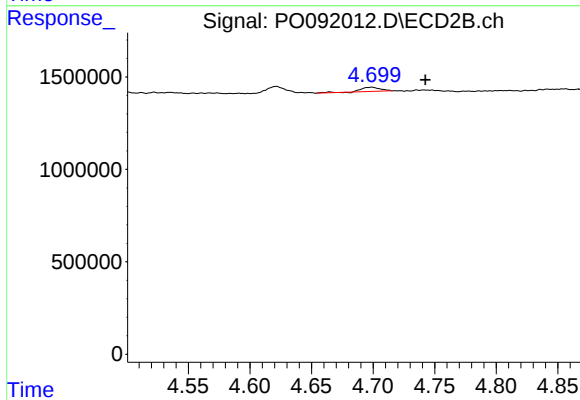
R.T.: 5.574 min  
Delta R.T.: 0.026 min  
Response: 6489066  
Conc: 196.77 ng/ml



#21 AR-1248-1

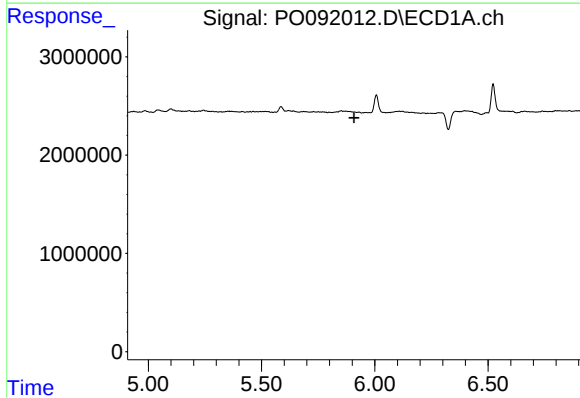
R.T.: 5.586 min  
Delta R.T.: -0.043 min  
Response: 588818  
Conc: 10.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



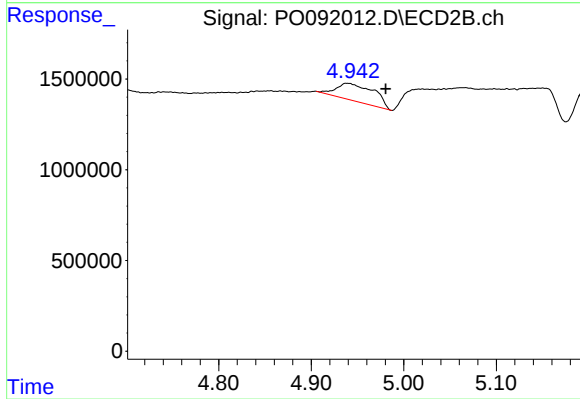
#21 AR-1248-1

R.T.: 4.699 min  
Delta R.T.: -0.044 min  
Response: 262036  
Conc: 9.19 ng/ml



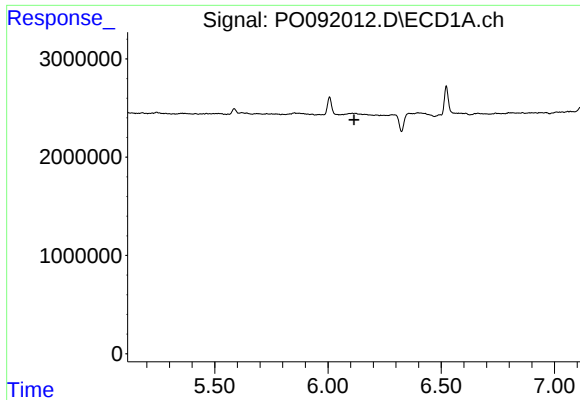
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.908 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

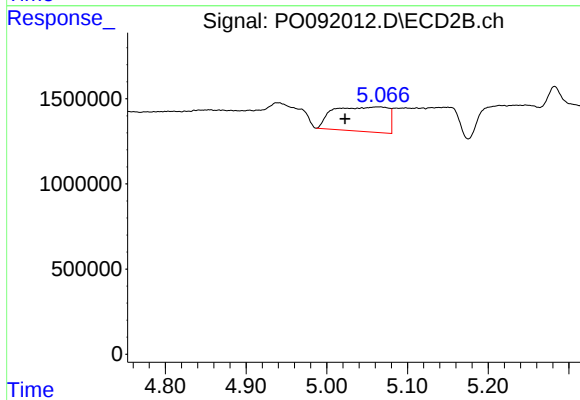
R.T.: 4.939 min  
Delta R.T.: -0.042 min  
Response: 2726928  
Conc: 61.48 ng/ml



#23 AR-1248-3

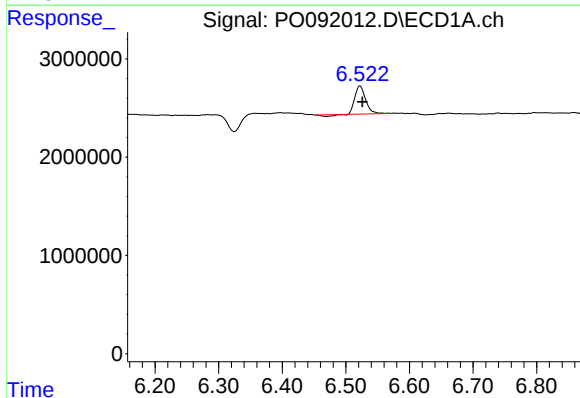
R.T.: 0.000 min  
Exp R.T.: 6.115 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



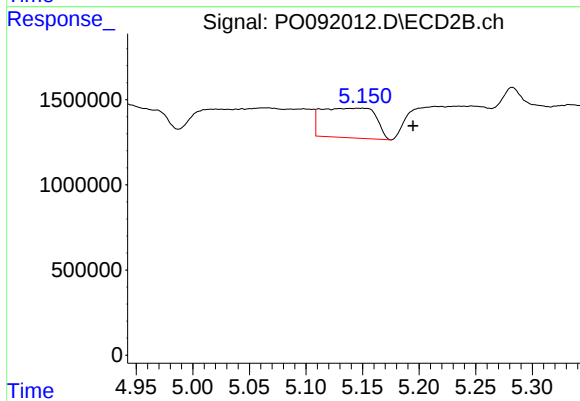
#23 AR-1248-3

R.T.: 5.065 min  
Delta R.T.: 0.042 min  
Response: 6764014  
Conc: 148.47 ng/ml



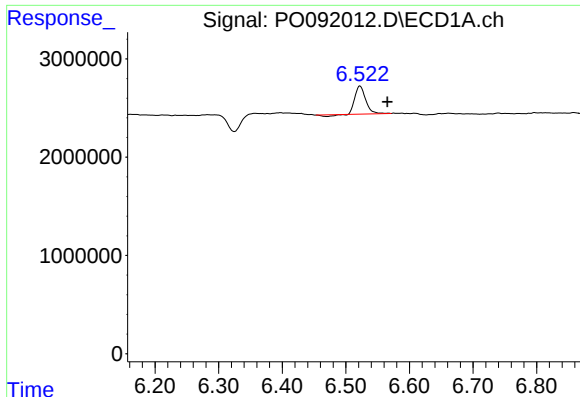
#24 AR-1248-4

R.T.: 6.522 min  
Delta R.T.: -0.004 min  
Response: 3186493  
Conc: 35.82 ng/ml



#24 AR-1248-4

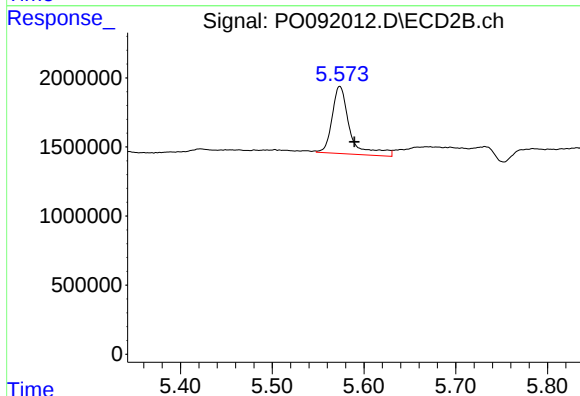
R.T.: 5.150 min  
Delta R.T.: -0.045 min  
Response: 5792801  
Conc: 111.10 ng/ml



#25 AR-1248-5

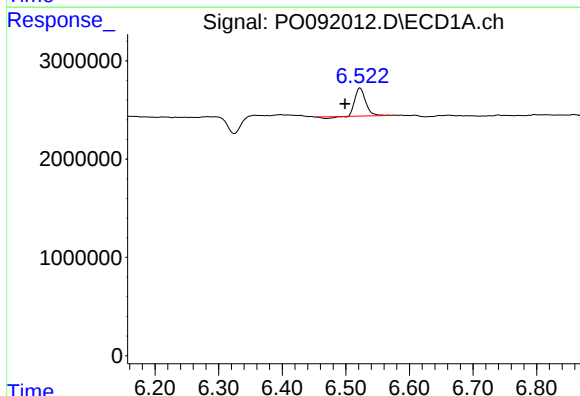
R.T.: 6.522 min  
Delta R.T.: -0.043 min  
Response: 3186493  
Conc: 36.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



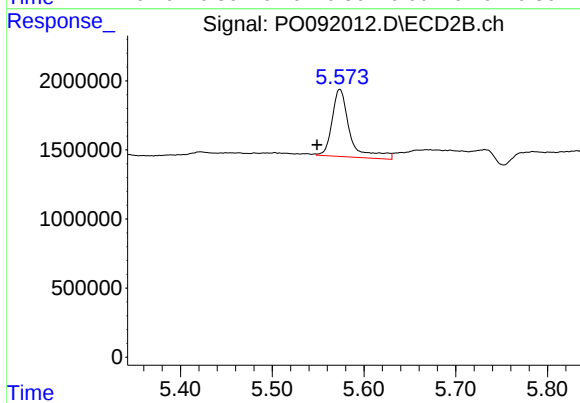
#25 AR-1248-5

R.T.: 5.574 min  
Delta R.T.: -0.016 min  
Response: 6489066  
Conc: 146.72 ng/ml



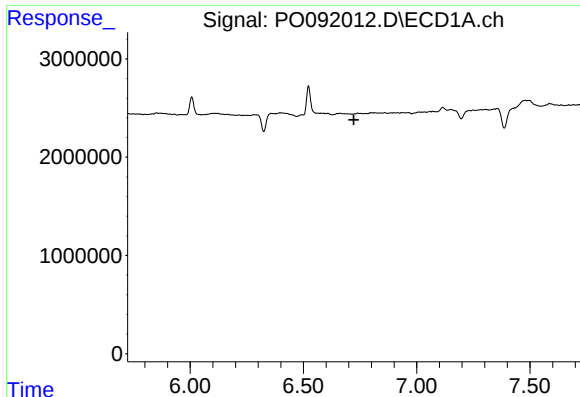
#26 AR-1254-1

R.T.: 6.522 min  
Delta R.T.: 0.023 min  
Response: 3186493  
Conc: 30.80 ng/ml



#26 AR-1254-1

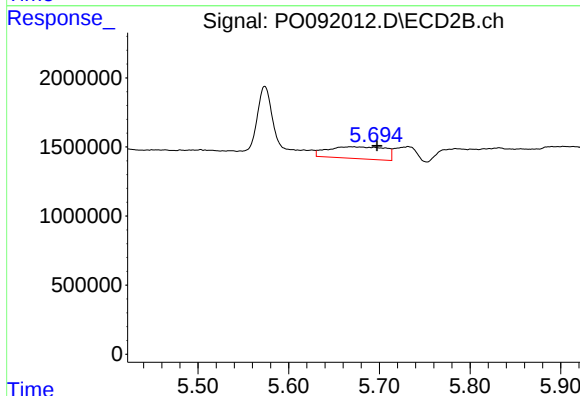
R.T.: 5.574 min  
Delta R.T.: 0.025 min  
Response: 6489066  
Conc: 87.89 ng/ml



#27 AR-1254-2

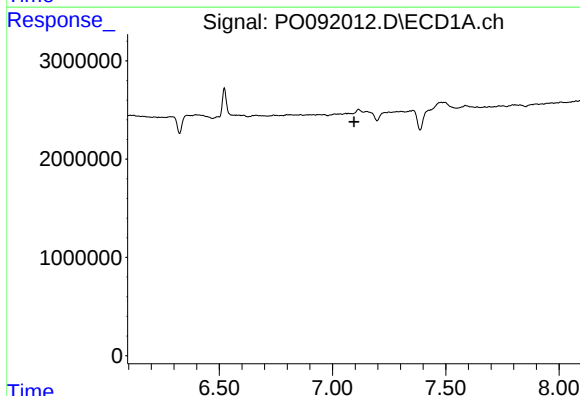
R.T.: 0.000 min  
Exp R.T.: 6.723 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



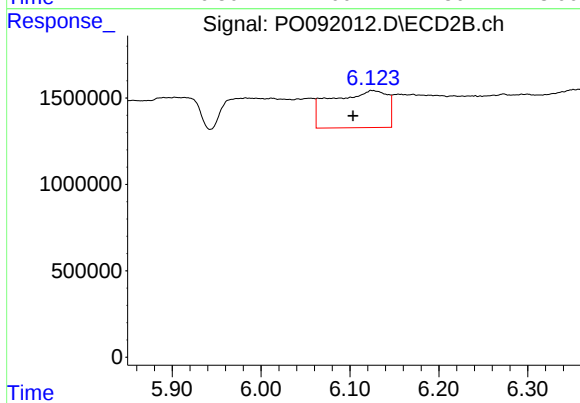
#27 AR-1254-2

R.T.: 5.668 min  
Delta R.T.: -0.029 min  
Response: 3743223  
Conc: 57.28 ng/ml



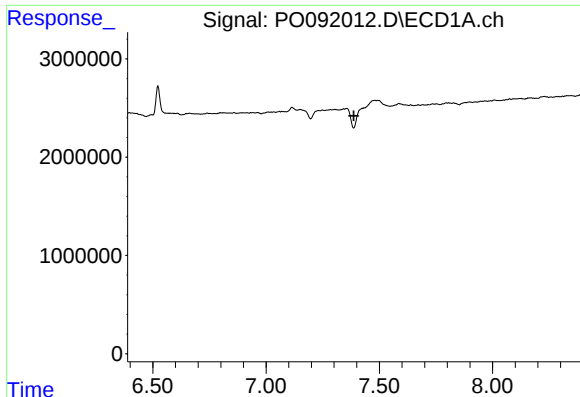
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 7.095 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

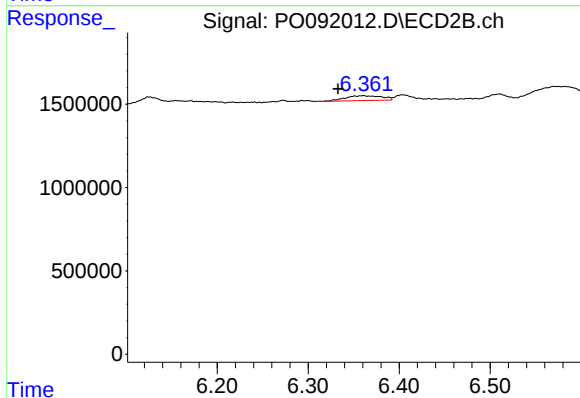
R.T.: 6.125 min  
Delta R.T.: 0.021 min  
Response: 9426029  
Conc: 97.11 ng/ml



#29 AR-1254-4

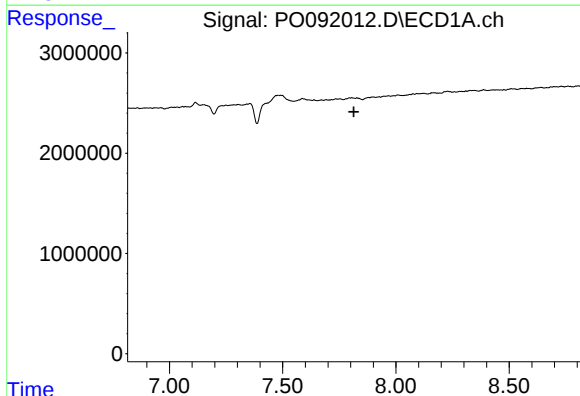
R.T.: 0.000 min  
Exp R.T.: 7.387 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



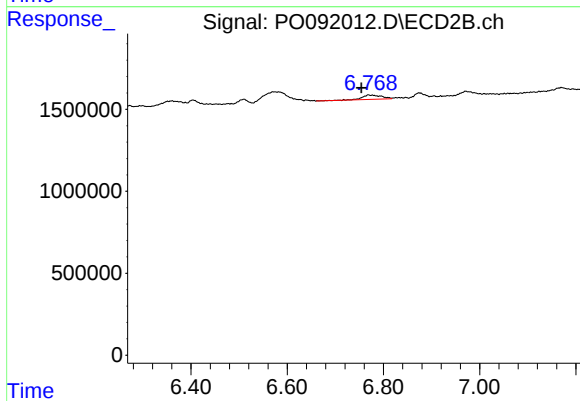
#29 AR-1254-4

R.T.: 6.361 min  
Delta R.T.: 0.028 min  
Response: 821969  
Conc: 16.96 ng/ml



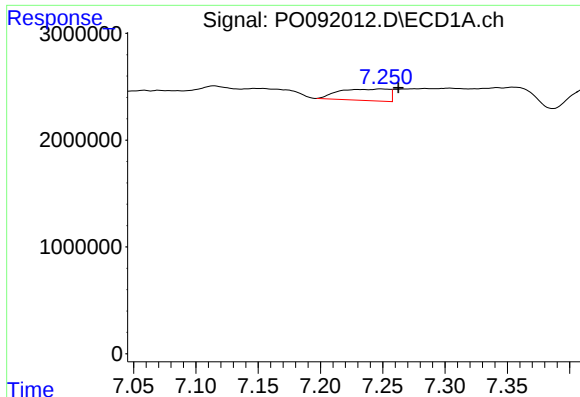
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 7.814 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

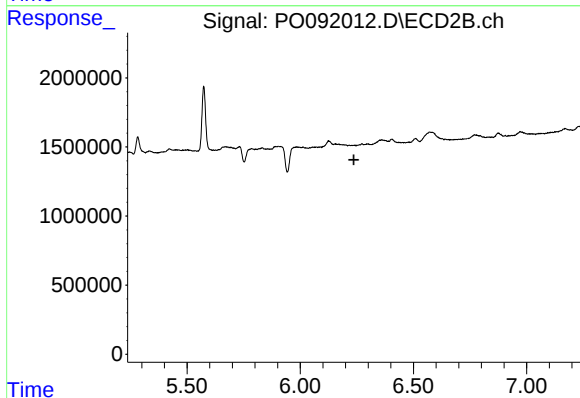
R.T.: 6.769 min  
Delta R.T.: 0.014 min  
Response: 742989  
Conc: 9.65 ng/ml



#31 AR-1260-1

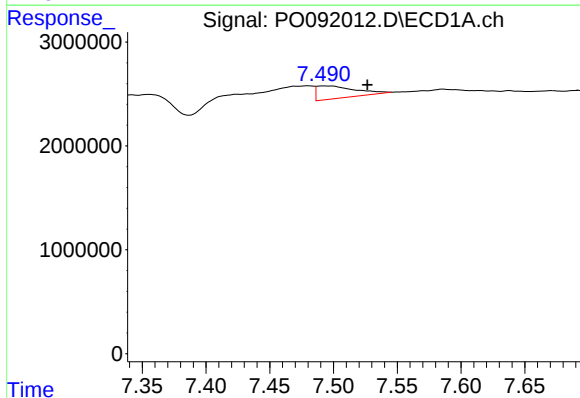
R.T.: 7.249 min  
Delta R.T.: -0.014 min  
Response: 3009005  
Conc: 25.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



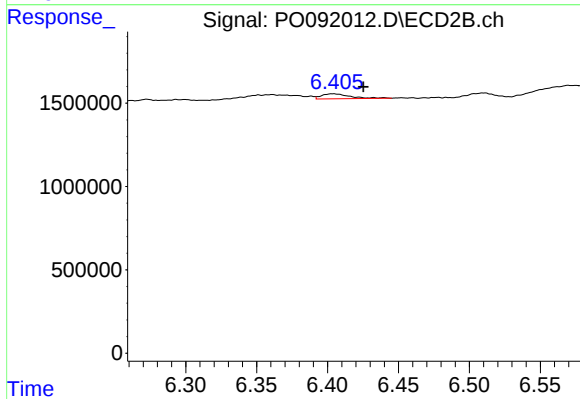
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.237 min  
Response: 0  
Conc: N.D.



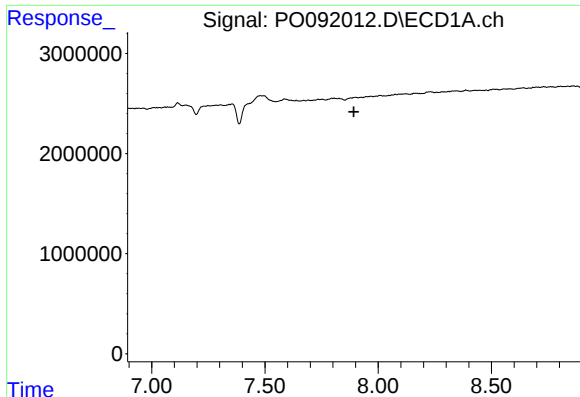
#32 AR-1260-2

R.T.: 7.492 min  
Delta R.T.: -0.035 min  
Response: 2532540  
Conc: 19.71 ng/ml



#32 AR-1260-2

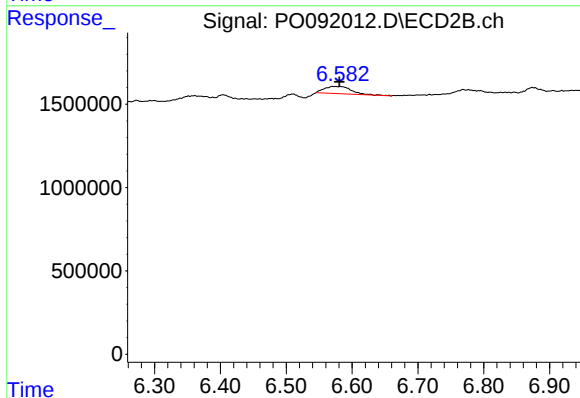
R.T.: 6.404 min  
Delta R.T.: -0.021 min  
Response: 423016  
Conc: 5.78 ng/ml



#33 AR-1260-3

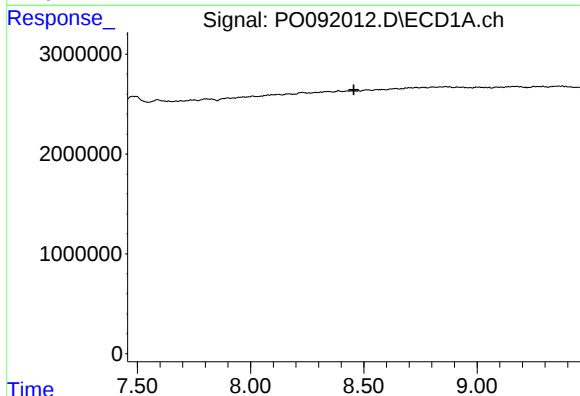
R.T.: 0.000 min  
Exp R.T.: 7.893 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



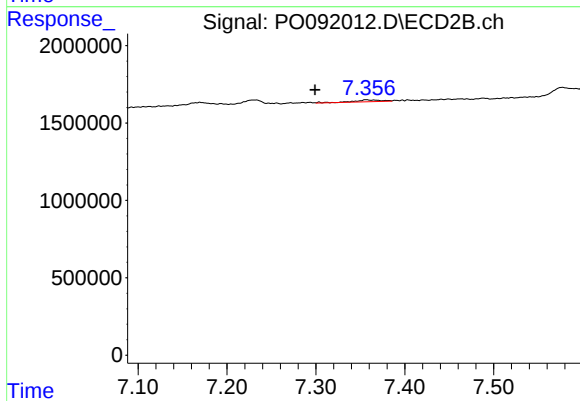
#33 AR-1260-3

R.T.: 6.570 min  
Delta R.T.: -0.010 min  
Response: 1217433  
Conc: 17.02 ng/ml



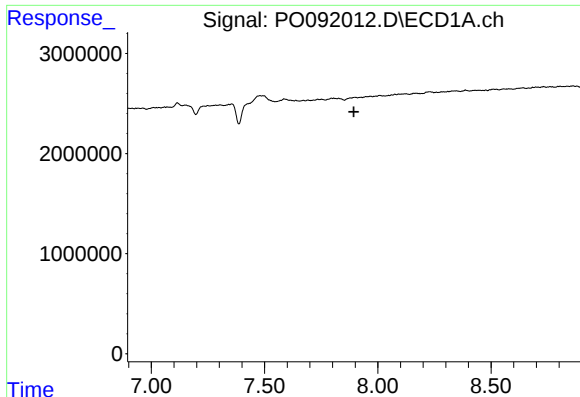
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.456 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

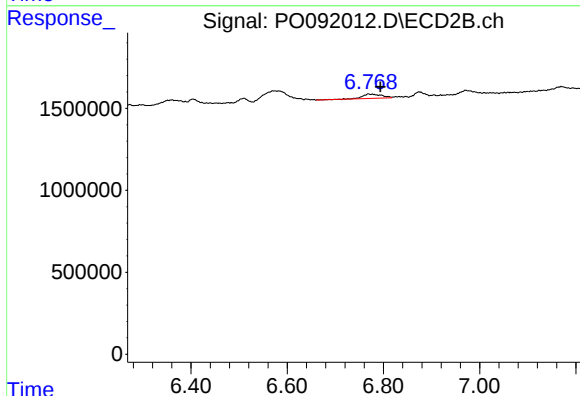
R.T.: 7.357 min  
Delta R.T.: 0.058 min  
Response: 276089  
Conc: 2.46 ng/ml



#36 AR-1262-1

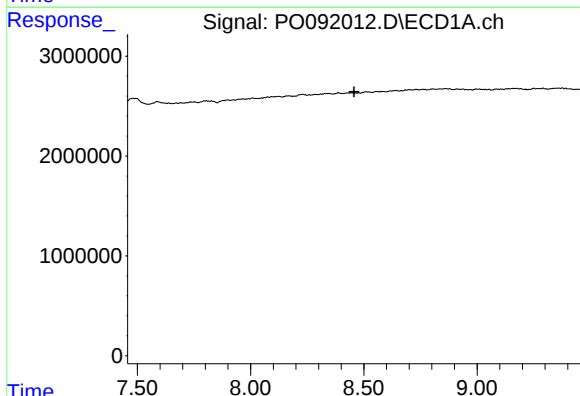
R.T.: 0.000 min  
Exp R.T. : 7.895 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



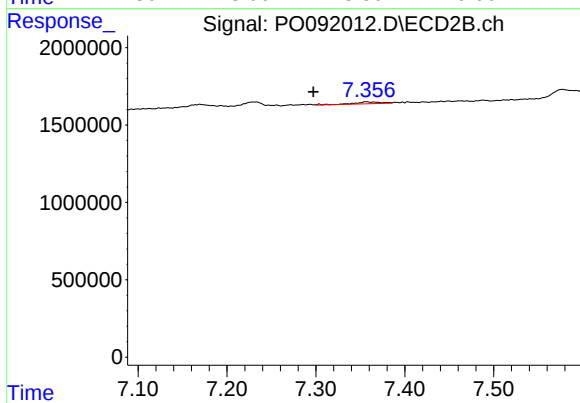
#36 AR-1262-1

R.T.: 6.769 min  
Delta R.T.: -0.025 min  
Response: 742989  
Conc: 9.70 ng/ml



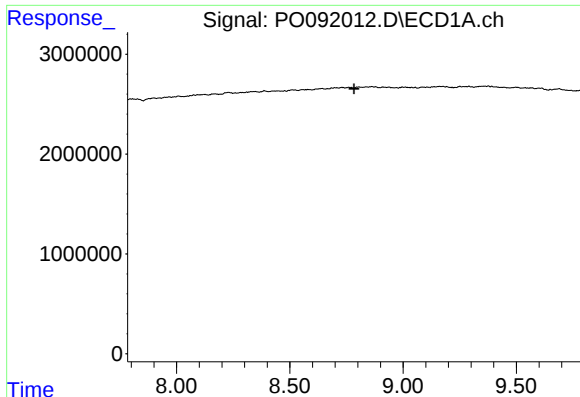
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.457 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

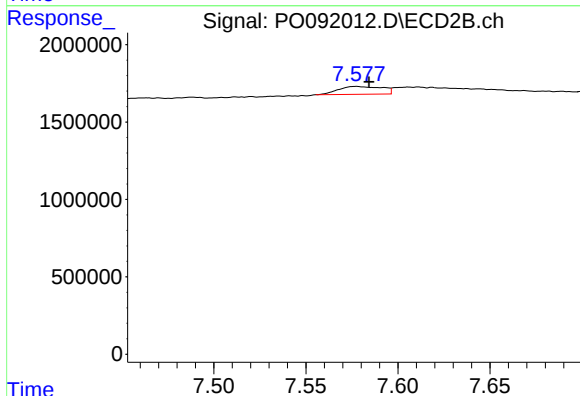
R.T.: 7.357 min  
Delta R.T.: 0.059 min  
Response: 276089  
Conc: 2.38 ng/ml



#38 AR-1262-3

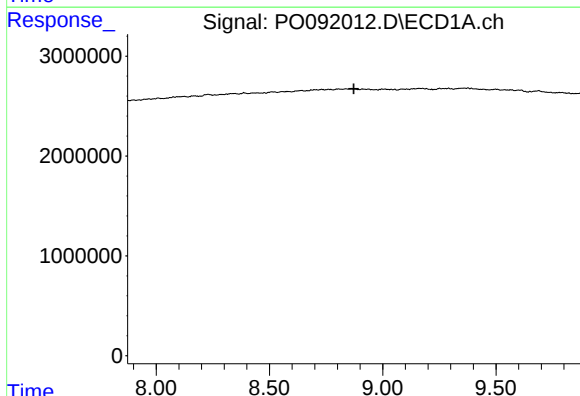
R.T.: 0.000 min  
Exp R.T.: 8.783 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



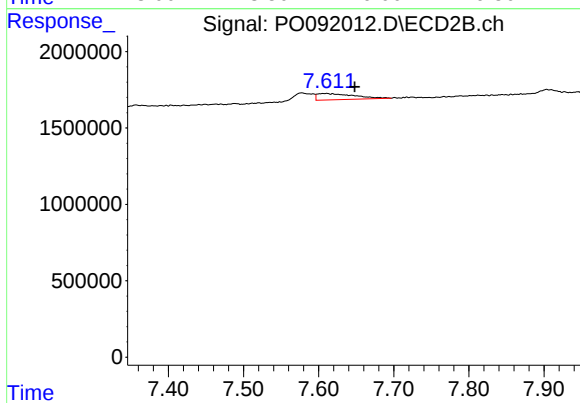
#38 AR-1262-3

R.T.: 7.577 min  
Delta R.T.: -0.007 min  
Response: 840554  
Conc: 18.80 ng/ml



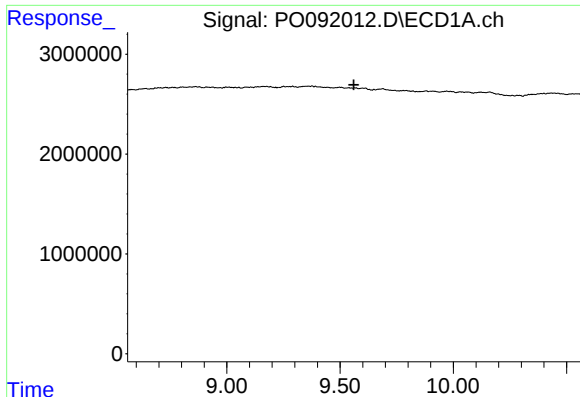
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 8.872 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

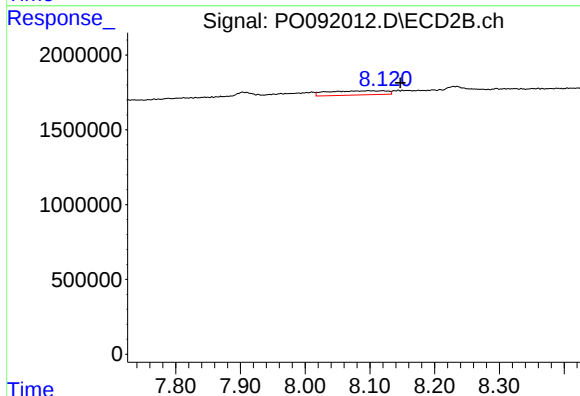
R.T.: 7.611 min  
Delta R.T.: -0.037 min  
Response: 1382782  
Conc: 16.65 ng/ml



#40 AR-1262-5

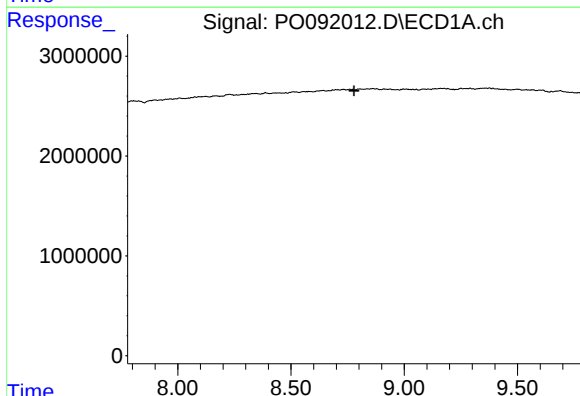
R.T.: 0.000 min  
Exp R.T.: 9.560 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



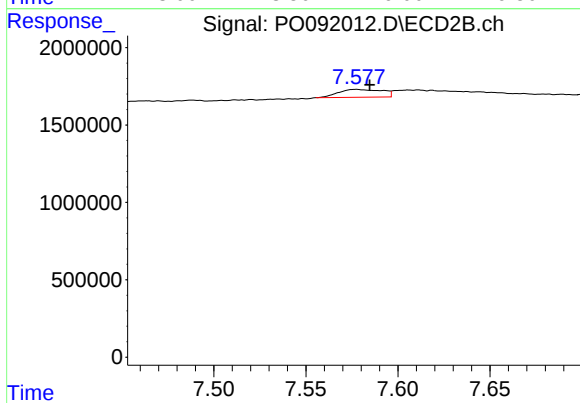
#40 AR-1262-5

R.T.: 8.120 min  
Delta R.T.: -0.027 min  
Response: 1754809  
Conc: 48.16 ng/ml



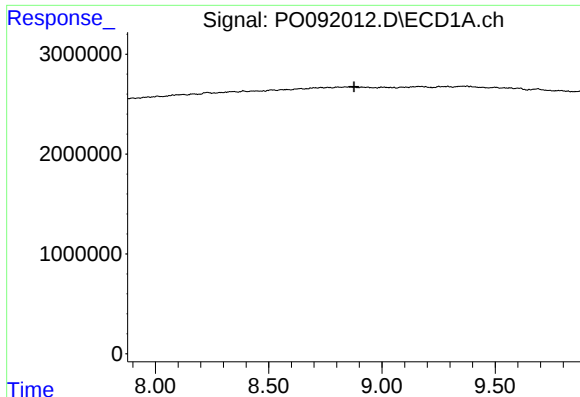
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 8.778 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

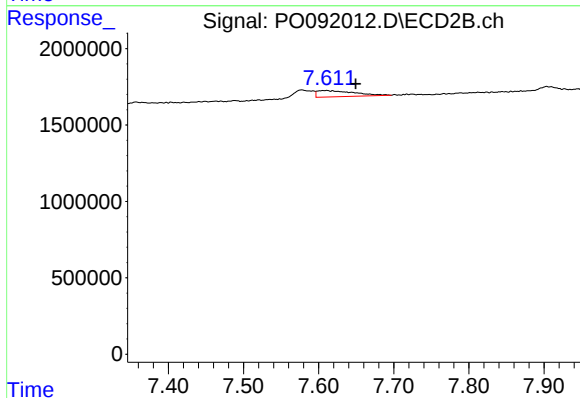
R.T.: 7.577 min  
Delta R.T.: -0.007 min  
Response: 840554  
Conc: 5.51 ng/ml



#42 AR-1268-2

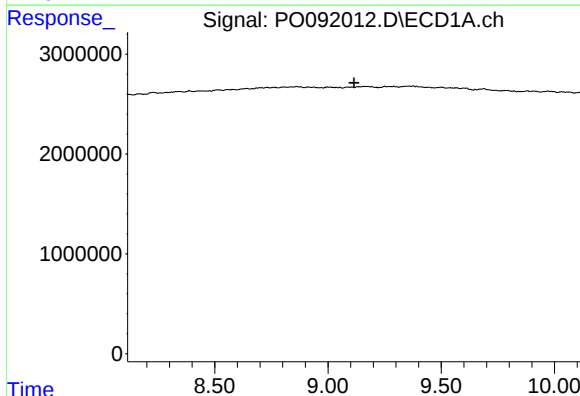
R.T.: 0.000 min  
Exp R.T.: 8.877 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



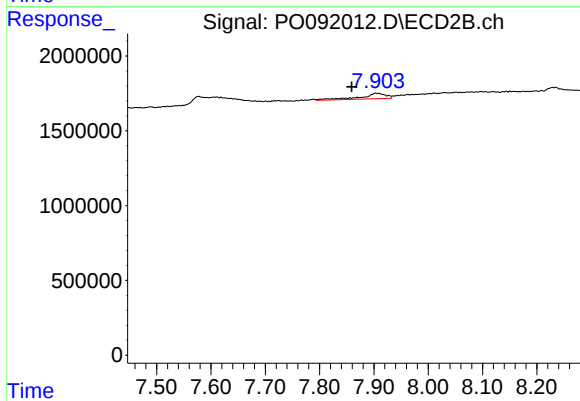
#42 AR-1268-2

R.T.: 7.611 min  
Delta R.T.: -0.038 min  
Response: 1382782  
Conc: 10.10 ng/ml



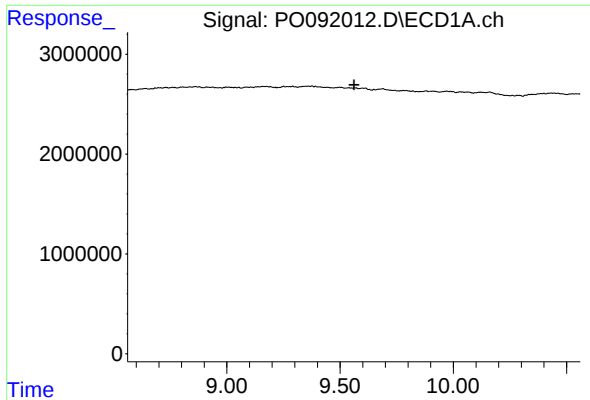
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 9.115 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

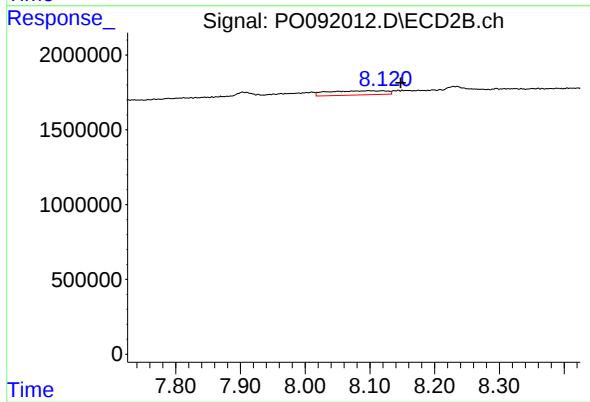
R.T.: 7.904 min  
Delta R.T.: 0.044 min  
Response: 1204567  
Conc: 9.48 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 9.562 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#44 AR-1268-4

R.T.: 8.120 min  
Delta R.T.: -0.028 min  
Response: 1754809  
Conc: 37.05 ng/ml