

Data Path : P:\HPCHEM1\ECD\_0\Data\P0012818\  
 Data File : P0041832.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 26 Jan 2018 13:02  
 Operator : SM/UA  
 Sample : J1020-11  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 PL-02-012418-B

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 26 13:16:13 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\P0012318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jan 23 01:50:31 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...          | 4.119 | 3.363 | 2967554 | 5440862 | 15.375  | 18.743     |
| 2) SA Decachlor...          | 9.513 | 8.156 | 2046510 | 2059730 | 8.710   | 5.760 #    |
| Target Compounds            |       |       |         |         |         |            |
| 3) L1 AR-1016-1             | 5.055 | 4.198 | 336676  | 2289291 | 65.026  | 304.606 #  |
| 4) L1 AR-1016-2             | 0.000 | 4.628 | 0       | 663168  | N.D.    | 94.436 #   |
| 5) L1 AR-1016-3             | 0.000 | 4.677 | 0       | 748440  | N.D.    | 88.388 #   |
| 6) L1 AR-1016-4             | 5.668 | 4.835 | 138240  | 433370  | 22.842  | 46.507 #   |
| 12) L3 AR-1232-2            | 5.190 | 4.422 | 416417  | 465419  | 158.231 | 46.289 #   |
| 13) L3 AR-1232-3            | 0.000 | 4.476 | 0       | 380806  | N.D.    | 92.347 #   |
| 14) L3 AR-1232-4            | 0.000 | 4.628 | 0       | 663168  | N.D.    | 214.030 #  |
| 15) L3 AR-1232-5            | 0.000 | 4.628 | 0       | 663168  | N.D.    | 306.736 #  |
| 16) L4 AR-1242-1            | 0.000 | 4.035 | 0       | 7778959 | N.D.    | 3065.292 # |
| 17) L4 AR-1242-2            | 0.000 | 4.422 | 0       | 465419  | N.D.    | 27.125 #   |
| 18) L4 AR-1242-3            | 0.000 | 4.628 | 0       | 663168  | N.D.    | 126.072 #  |
| 19) L4 AR-1242-4            | 5.668 | 4.677 | 138240  | 748440  | 36.764  | 142.966 #  |
| 20) L4 AR-1242-5            | 0.000 | 4.835 | 0       | 433370  | N.D.    | 74.950 #   |
| 21) L5 AR-1248-1            | 5.668 | 4.835 | 138240  | 433370  | 19.116  | 39.642 #   |
| 25) L5 AR-1248-5            | 6.347 | 0.000 | 264251  | 0       | 44.235  | N.D. #     |
| 26) L6 AR-1254-1            | 6.347 | 0.000 | 264251  | 0       | 18.772  | N.D. #     |
| 27) L6 AR-1254-2            | 6.552 | 5.361 | 1131174 | 1197354 | 130.059 | 72.408 #   |
| 28) L6 AR-1254-3            | 6.646 | 0.000 | 396702  | 0       | 25.595  | N.D. #     |
| 29) L6 AR-1254-4            | 6.982 | 5.910 | 357621  | 1158893 | 27.262  | 59.474 #   |
| 30) L6 AR-1254-5            | 0.000 | 6.179 | 0       | 390540  | N.D.    | 29.484 #   |
| 31) L7 AR-1260-1            | 0.000 | 5.823 | 0       | 713064  | N.D.    | 33.404 #   |
| 32) L7 AR-1260-2            | 7.055 | 6.003 | 381840  | 1222746 | 21.946  | 38.711 #   |
| 33) L7 AR-1260-3            | 0.000 | 6.179 | 0       | 390540  | N.D.    | 14.963 #   |
| 36) L8 AR-1262-1            | 0.000 | 6.003 | 0       | 1222746 | N.D.    | 55.052 #   |
| 37) L8 AR-1262-2            | 7.055 | 6.179 | 381840  | 390540  | 32.796  | 19.420 #   |
| -----                       |       |       |         |         |         |            |

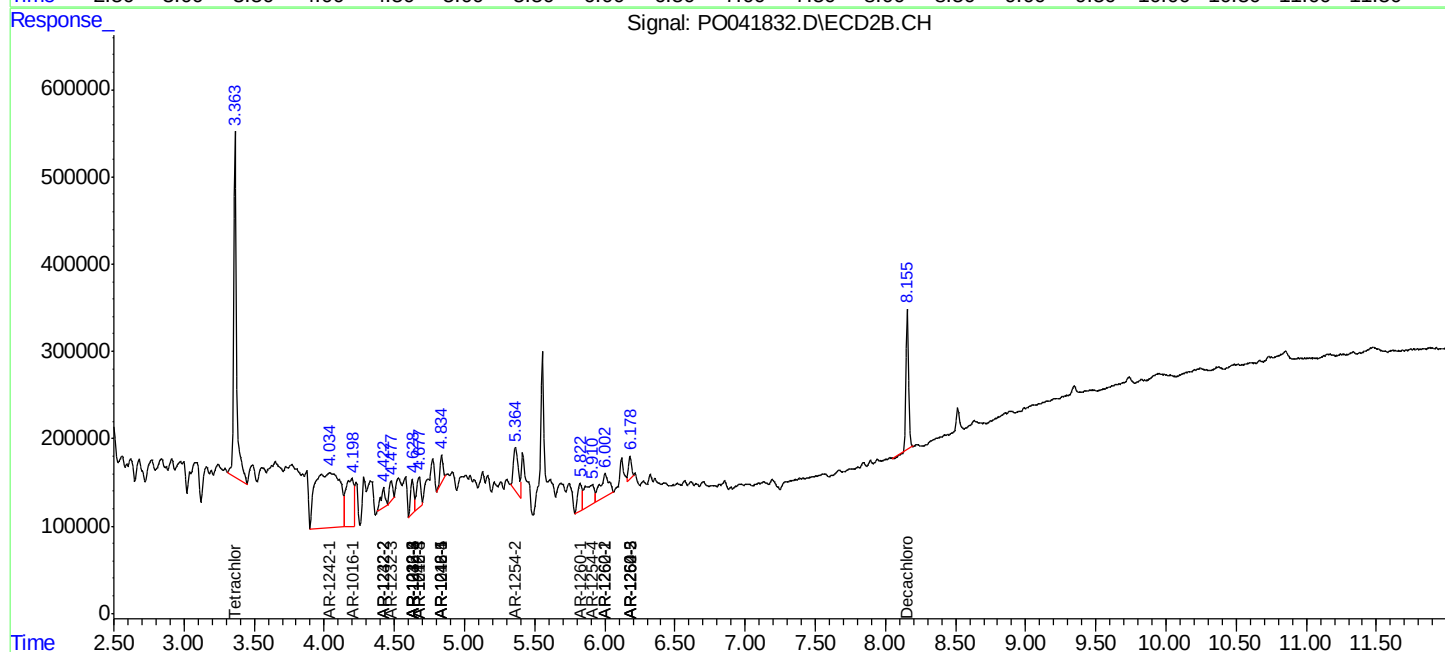
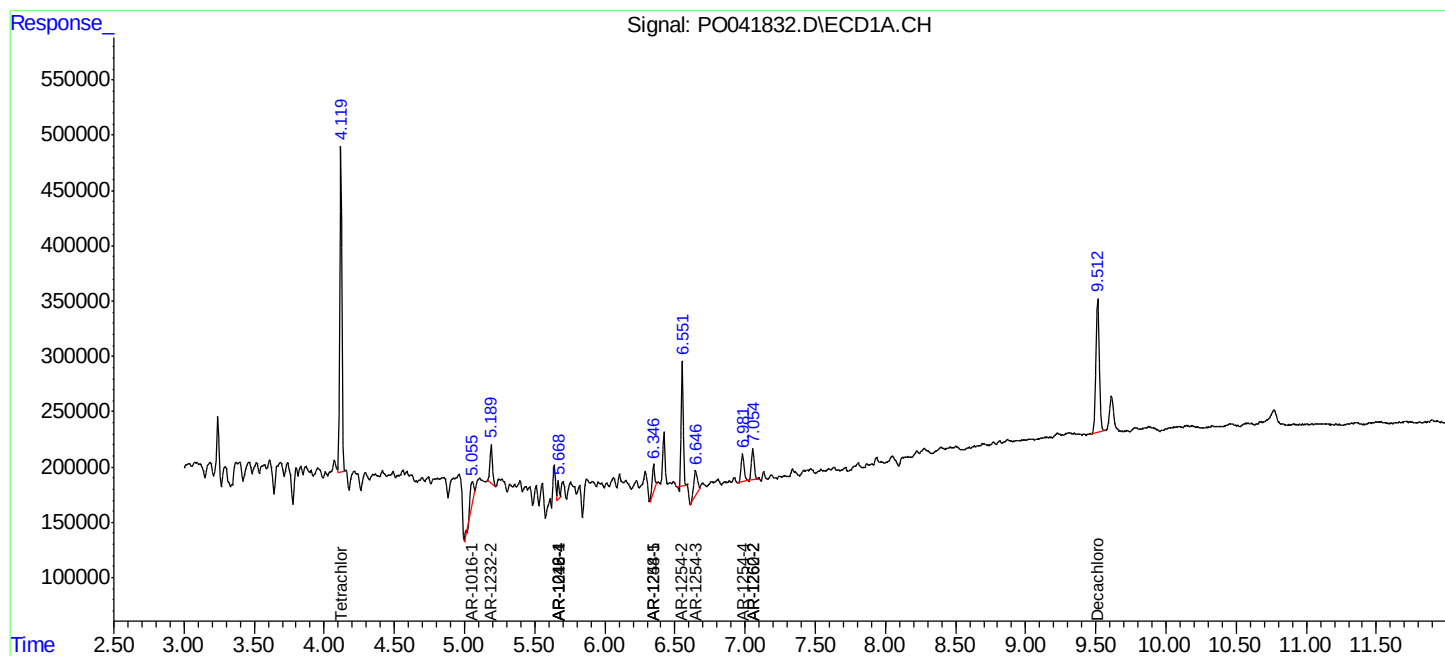
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

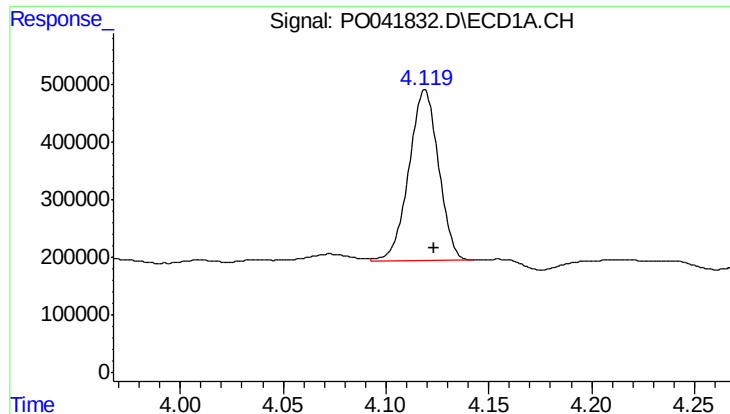
Data Path : P:\HPCHEM1\ECD\_0\Data\PO012818\  
Data File : PO041832.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 26 Jan 2018 13:02  
Operator : SM/UA  
Sample : J1020-11  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 26 13:16:13 2018  
Quant Method : P:\HPCHEM1\ECD\_0\PO012318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jan 23 01:50:31 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

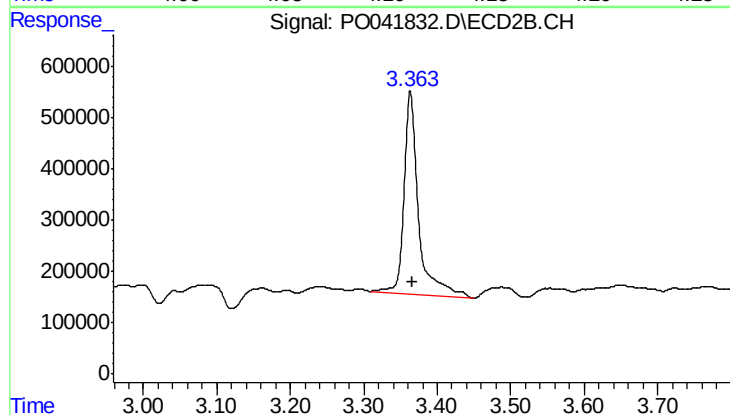




#1 Tetrachloro-m-xylene

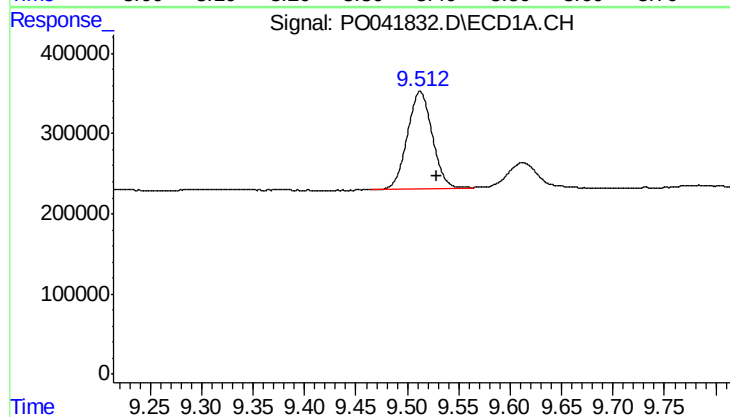
R.T.: 4.119 min  
Delta R.T.: -0.004 min  
Response: 2967554  
Conc: 15.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B



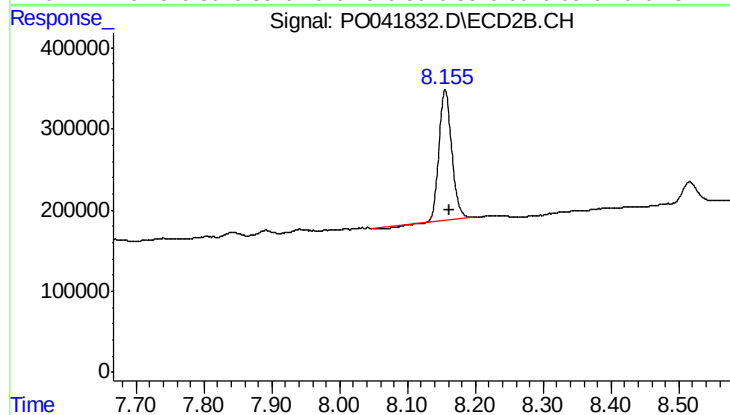
#1 Tetrachloro-m-xylene

R.T.: 3.363 min  
Delta R.T.: -0.002 min  
Response: 5440862  
Conc: 18.74 ng/ml



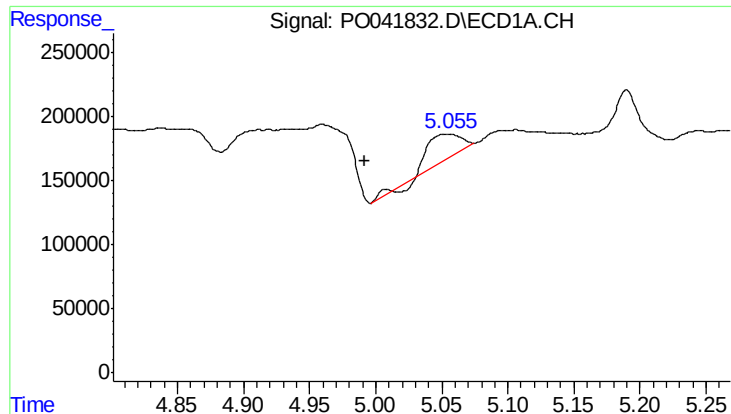
#2 Decachlorobiphenyl

R.T.: 9.513 min  
Delta R.T.: -0.016 min  
Response: 2046510  
Conc: 8.71 ng/ml



#2 Decachlorobiphenyl

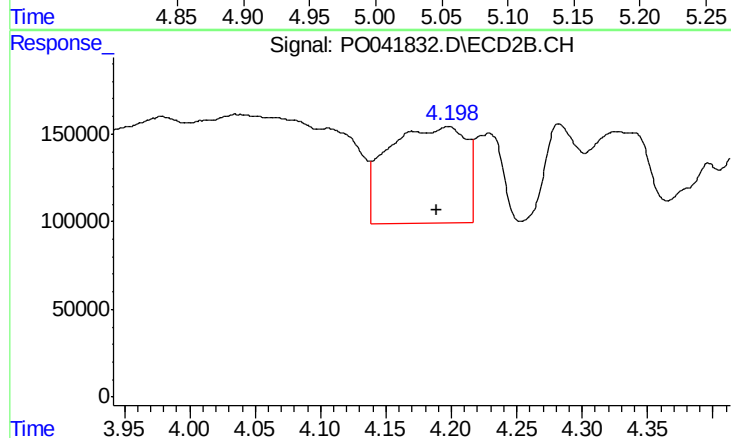
R.T.: 8.156 min  
Delta R.T.: -0.007 min  
Response: 2059730  
Conc: 5.76 ng/ml



#3 AR-1016-1

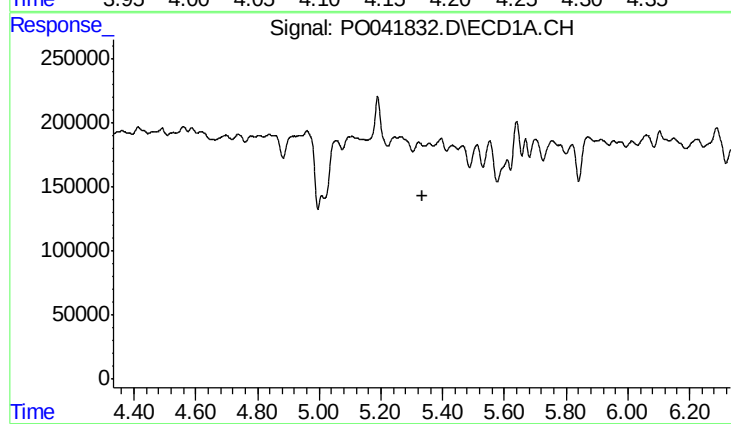
R.T.: 5.055 min  
Delta R.T.: 0.064 min  
Response: 336676  
Conc: 65.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B



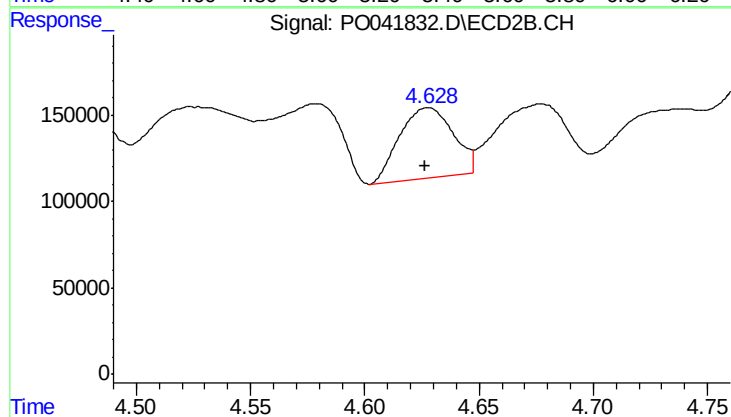
#3 AR-1016-1

R.T.: 4.198 min  
Delta R.T.: 0.009 min  
Response: 2289291  
Conc: 304.61 ng/ml



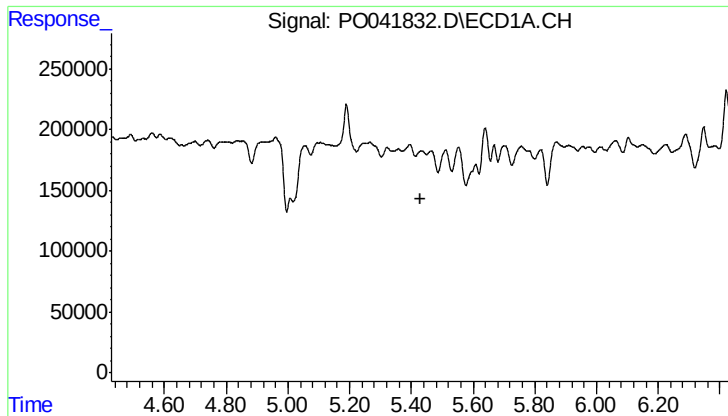
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.333 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

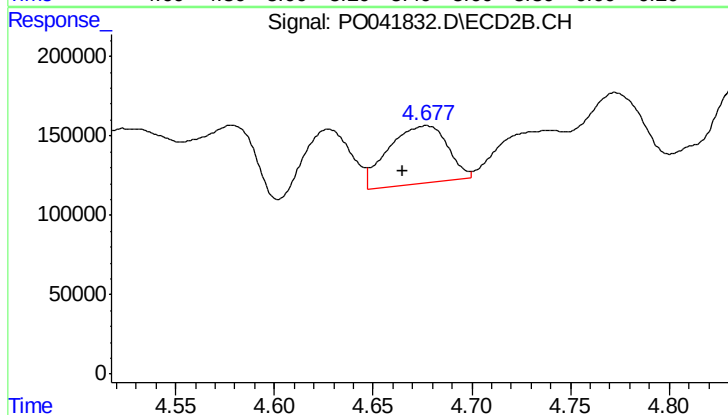
R.T.: 4.628 min  
Delta R.T.: 0.001 min  
Response: 663168  
Conc: 94.44 ng/ml



#5 AR-1016-3

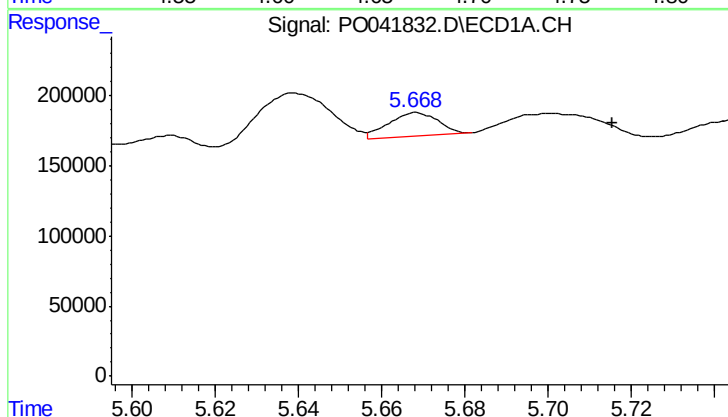
R.T.: 0.000 min  
Exp R.T.: 5.428 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B



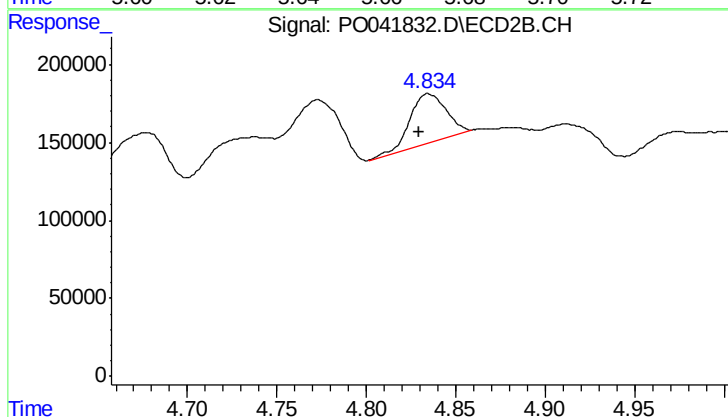
#5 AR-1016-3

R.T.: 4.677 min  
Delta R.T.: 0.012 min  
Response: 748440  
Conc: 88.39 ng/ml



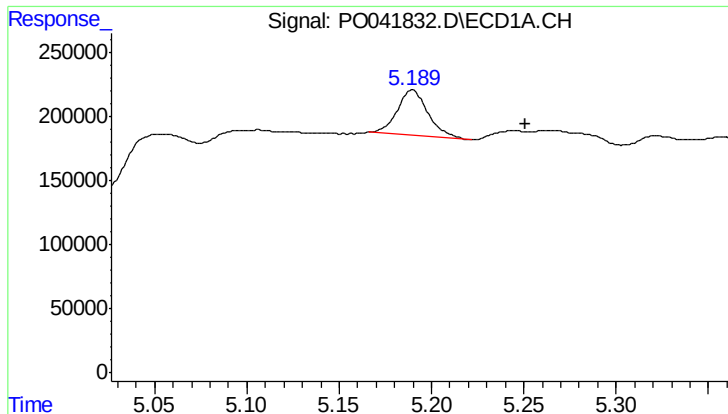
#6 AR-1016-4

R.T.: 5.668 min  
Delta R.T.: -0.047 min  
Response: 138240  
Conc: 22.84 ng/ml



#6 AR-1016-4

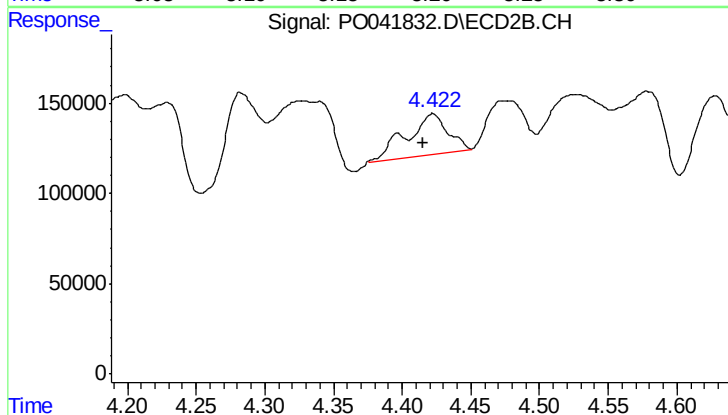
R.T.: 4.835 min  
Delta R.T.: 0.005 min  
Response: 433370  
Conc: 46.51 ng/ml



#12 AR-1232-2

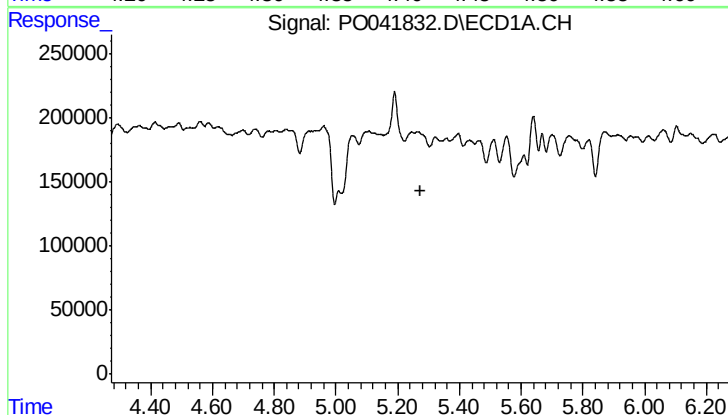
R.T.: 5.190 min  
Delta R.T.: -0.061 min  
Response: 416417  
Conc: 158.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B



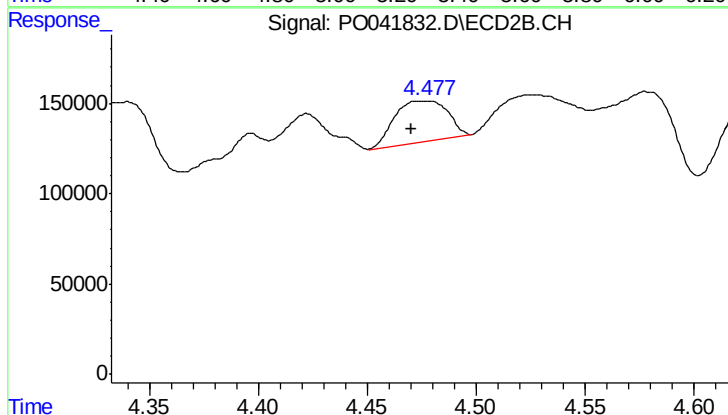
#12 AR-1232-2

R.T.: 4.422 min  
Delta R.T.: 0.007 min  
Response: 465419  
Conc: 46.29 ng/ml



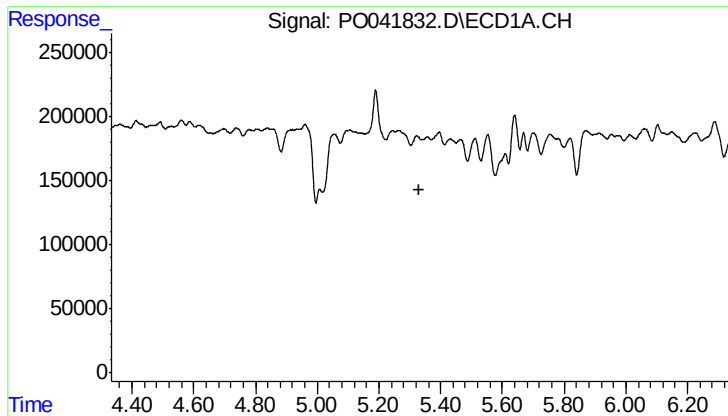
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.272 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

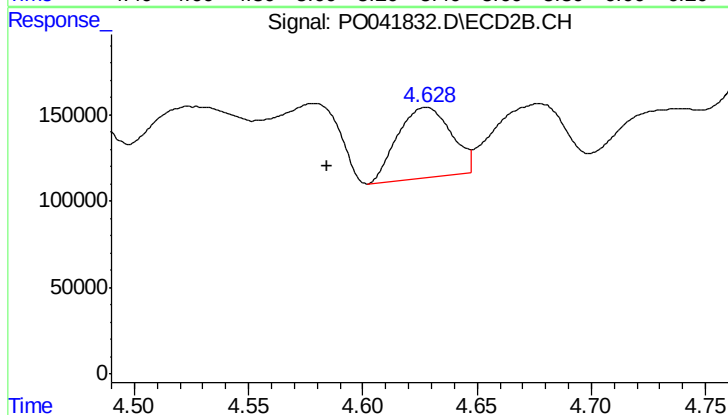
R.T.: 4.476 min  
Delta R.T.: 0.006 min  
Response: 380806  
Conc: 92.35 ng/ml



#14 AR-1232-4

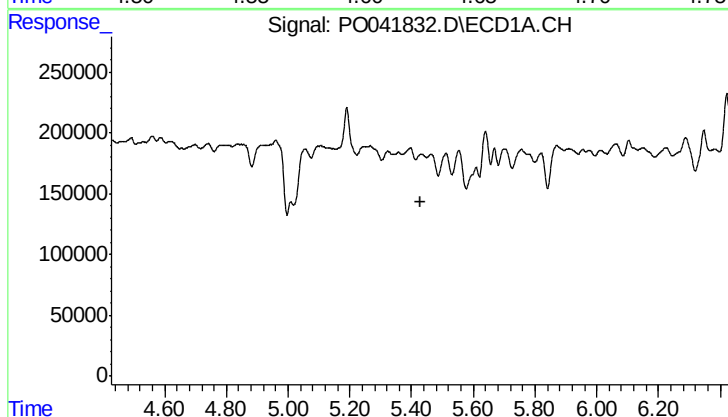
R.T.: 0.000 min  
Exp R.T.: 5.333 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B



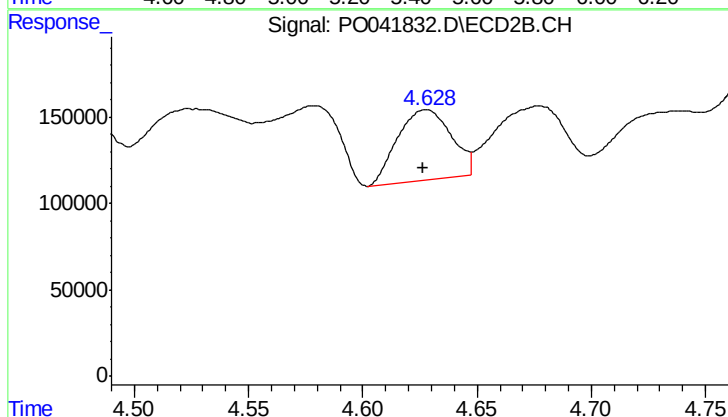
#14 AR-1232-4

R.T.: 4.628 min  
Delta R.T.: 0.043 min  
Response: 663168  
Conc: 214.03 ng/ml



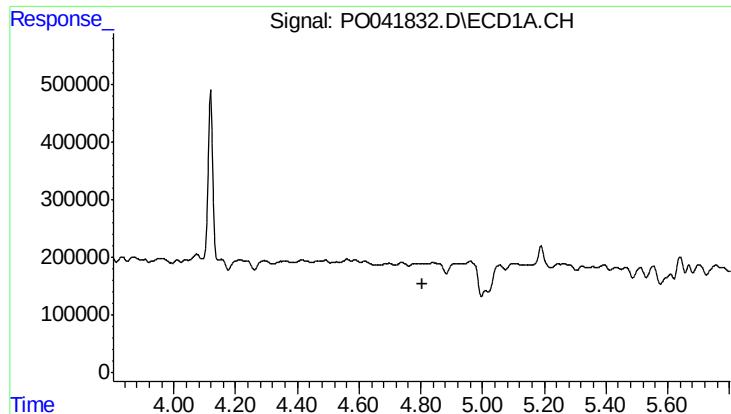
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 5.427 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

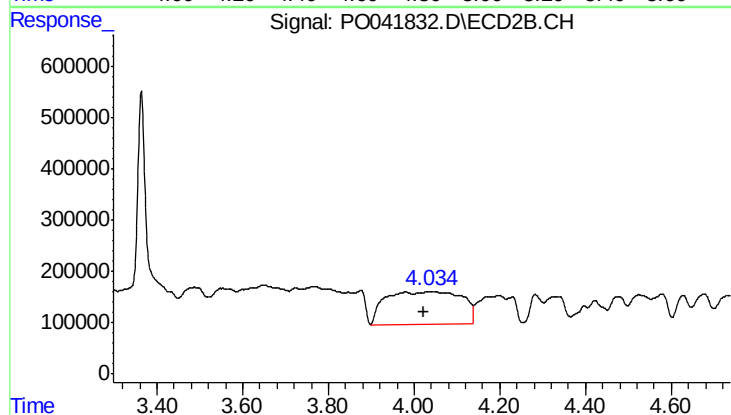
R.T.: 4.628 min  
Delta R.T.: 0.001 min  
Response: 663168  
Conc: 306.74 ng/ml



#16 AR-1242-1

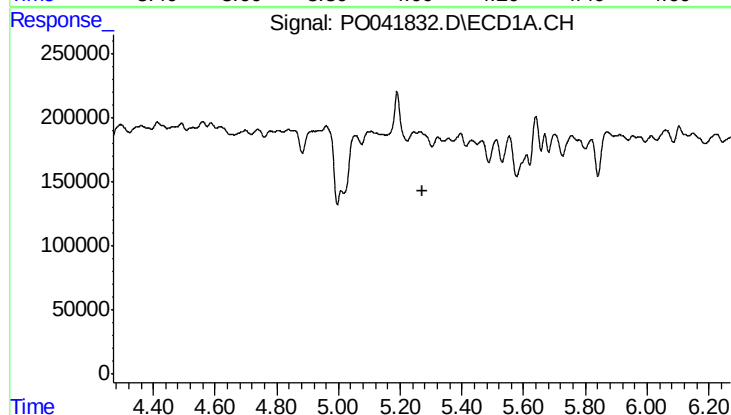
R.T.: 0.000 min  
Exp R.T.: 4.804 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B



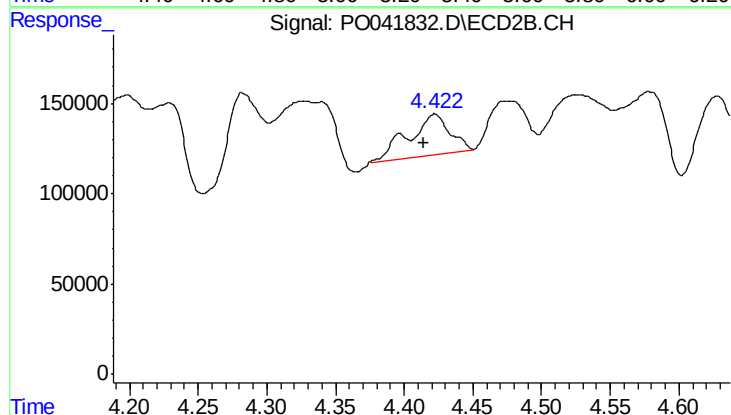
#16 AR-1242-1

R.T.: 4.035 min  
Delta R.T.: 0.012 min  
Response: 7778959  
Conc: 3065.29 ng/ml



#17 AR-1242-2

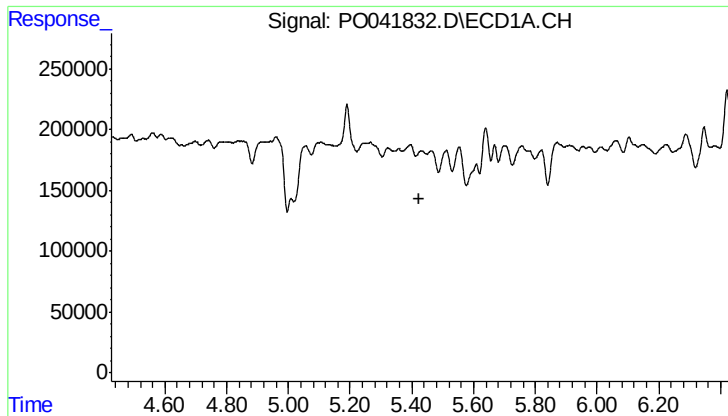
R.T.: 0.000 min  
Exp R.T.: 5.271 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

R.T.: 4.422 min  
Delta R.T.: 0.008 min  
Response: 465419  
Conc: 27.13 ng/ml

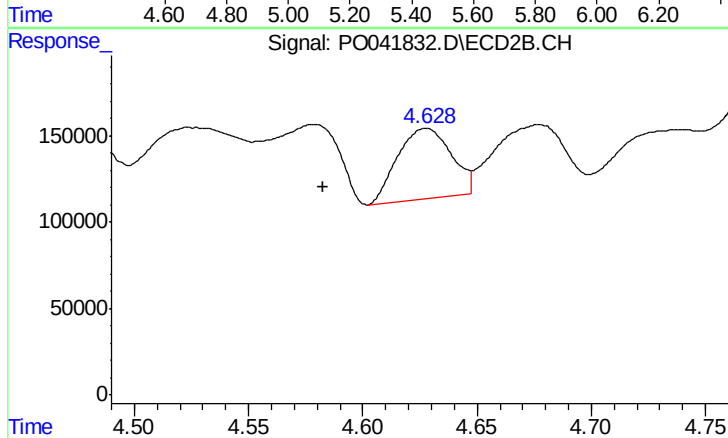




#18 AR-1242-3

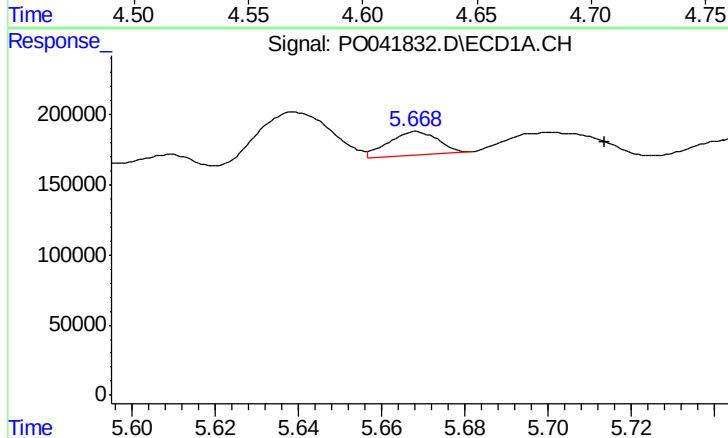
R.T.: 0.000 min  
Exp R.T.: 5.426 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B



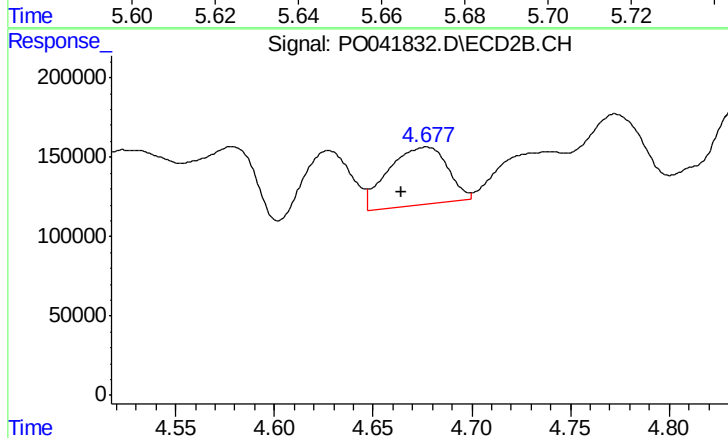
#18 AR-1242-3

R.T.: 4.628 min  
Delta R.T.: 0.045 min  
Response: 663168  
Conc: 126.07 ng/ml



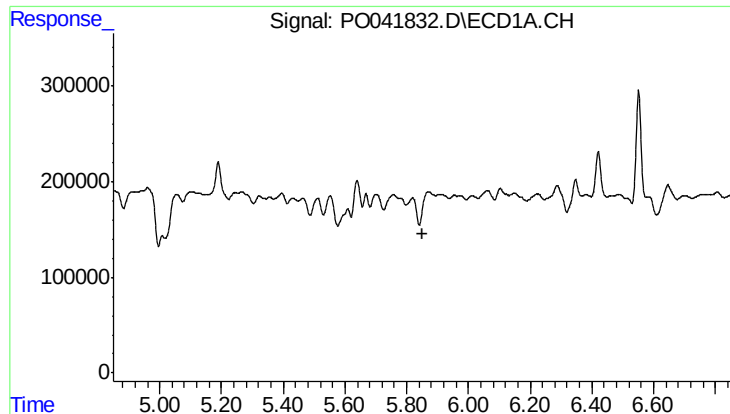
#19 AR-1242-4

R.T.: 5.668 min  
Delta R.T.: -0.045 min  
Response: 138240  
Conc: 36.76 ng/ml



#19 AR-1242-4

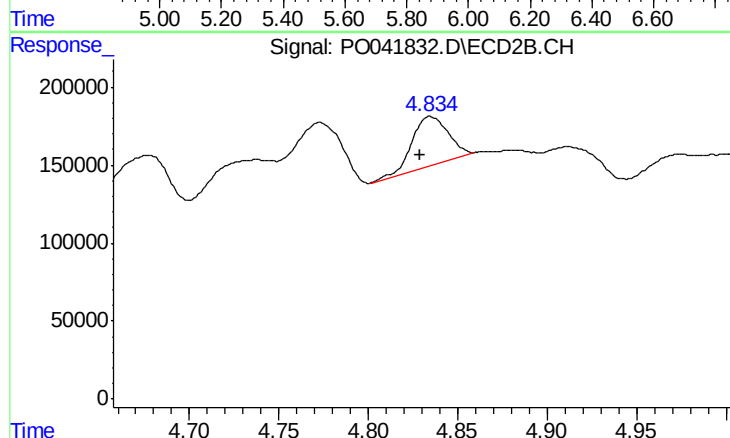
R.T.: 4.677 min  
Delta R.T.: 0.012 min  
Response: 748440  
Conc: 142.97 ng/ml



#20 AR-1242-5

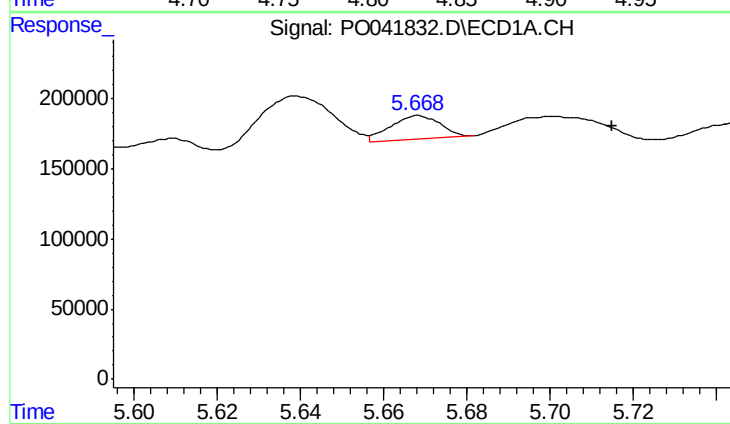
R.T.: 0.000 min  
Exp R.T.: 5.850 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B



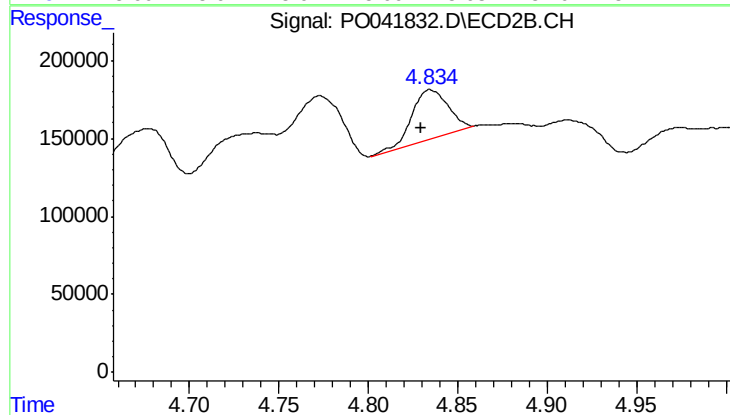
#20 AR-1242-5

R.T.: 4.835 min  
Delta R.T.: 0.006 min  
Response: 433370  
Conc: 74.95 ng/ml



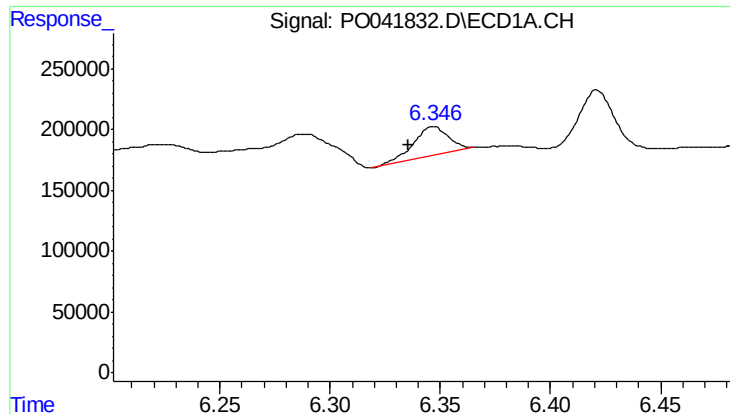
#21 AR-1248-1

R.T.: 5.668 min  
Delta R.T.: -0.046 min  
Response: 138240  
Conc: 19.12 ng/ml



#21 AR-1248-1

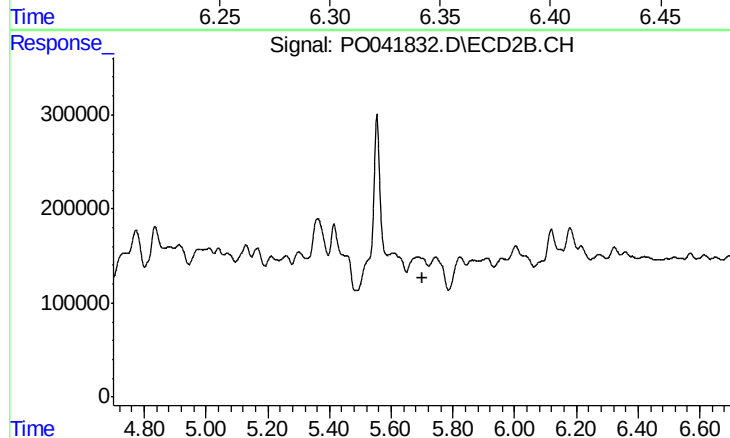
R.T.: 4.835 min  
Delta R.T.: 0.006 min  
Response: 433370  
Conc: 39.64 ng/ml



#25 AR-1248-5

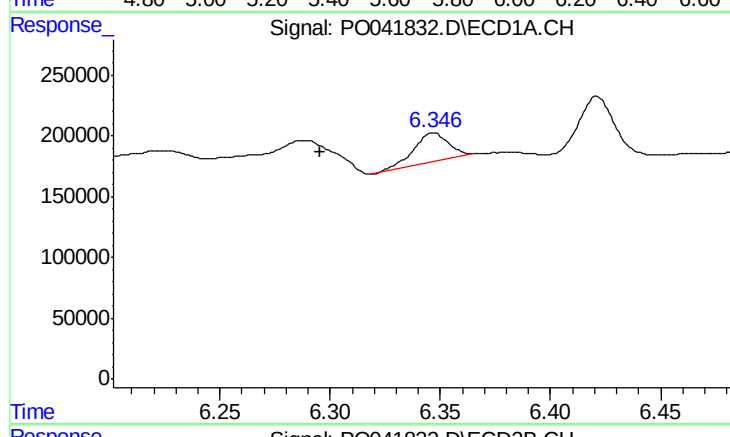
R.T.: 6.347 min  
Delta R.T.: 0.012 min  
Response: 264251  
Conc: 44.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B



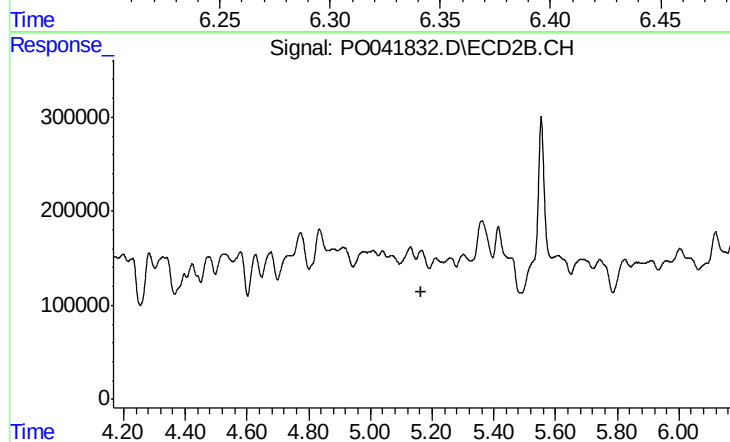
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 5.700 min  
Response: 0  
Conc: N.D.



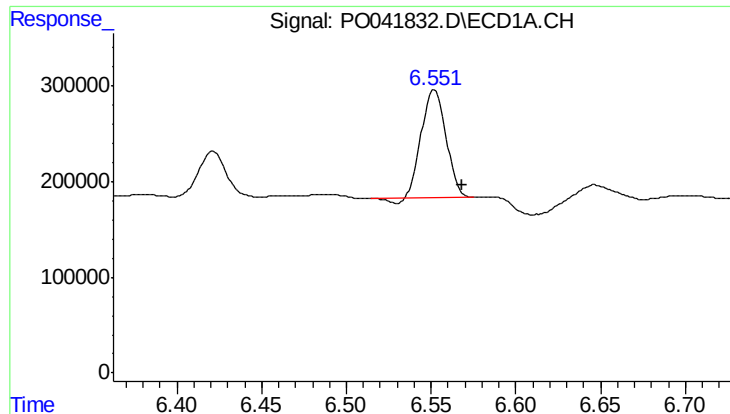
#26 AR-1254-1

R.T.: 6.347 min  
Delta R.T.: 0.051 min  
Response: 264251  
Conc: 18.77 ng/ml



#26 AR-1254-1

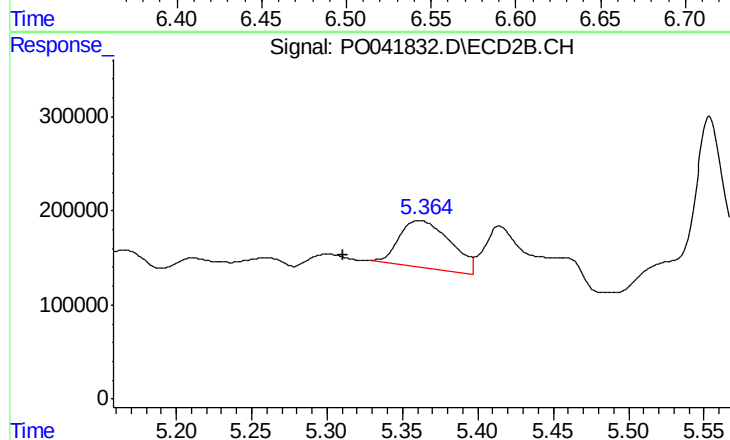
R.T.: 0.000 min  
Exp R.T.: 5.167 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

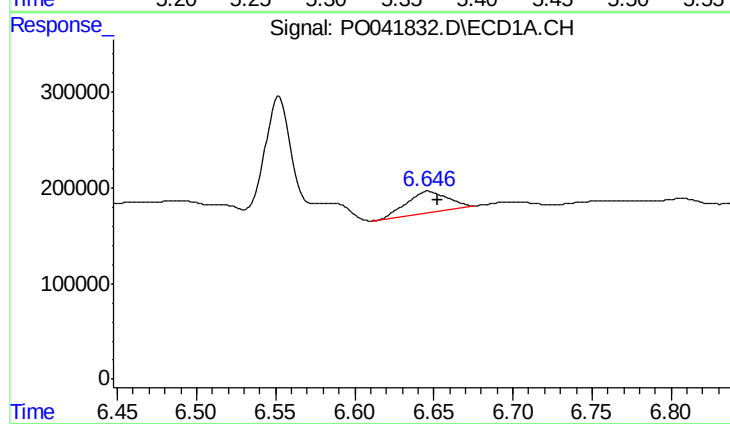
R.T.: 6.552 min  
Delta R.T.: -0.017 min  
Response: 1131174  
Conc: 130.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B



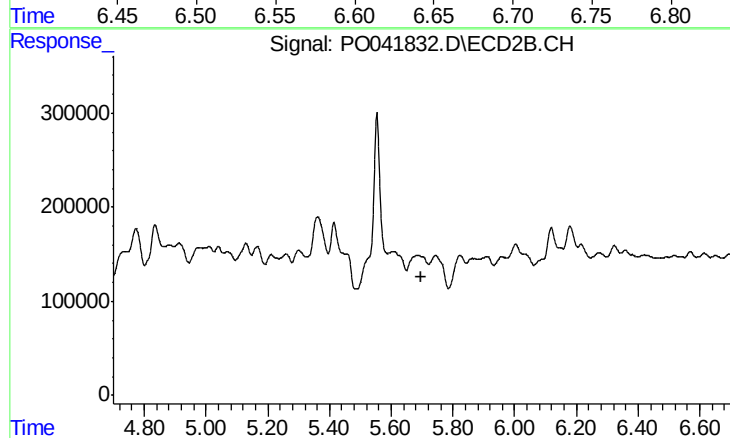
#27 AR-1254-2

R.T.: 5.361 min  
Delta R.T.: 0.051 min  
Response: 1197354  
Conc: 72.41 ng/ml



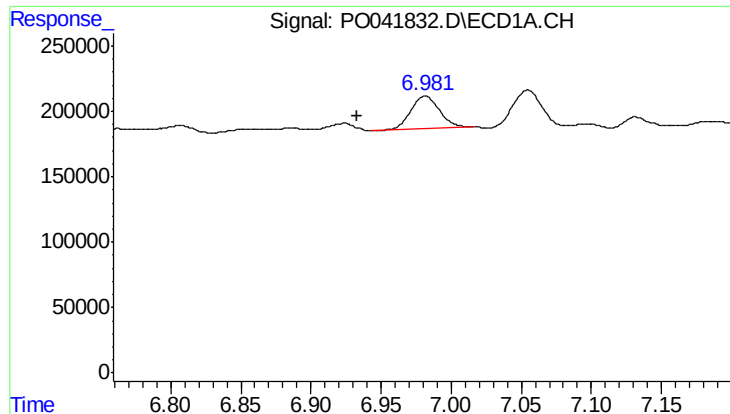
#28 AR-1254-3

R.T.: 6.646 min  
Delta R.T.: -0.006 min  
Response: 396702  
Conc: 25.60 ng/ml



#28 AR-1254-3

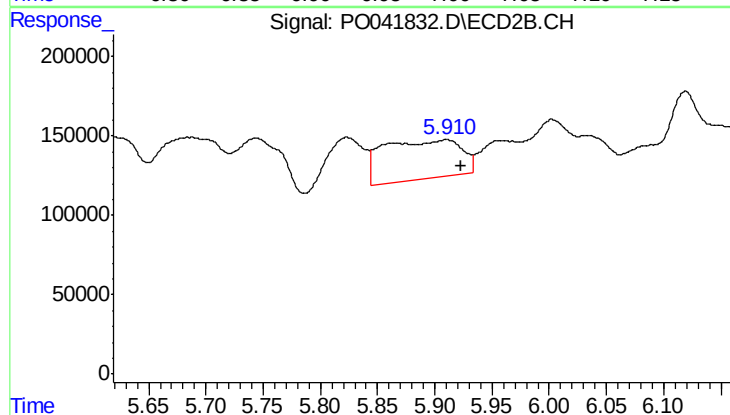
R.T.: 0.000 min  
Exp R.T.: 5.699 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

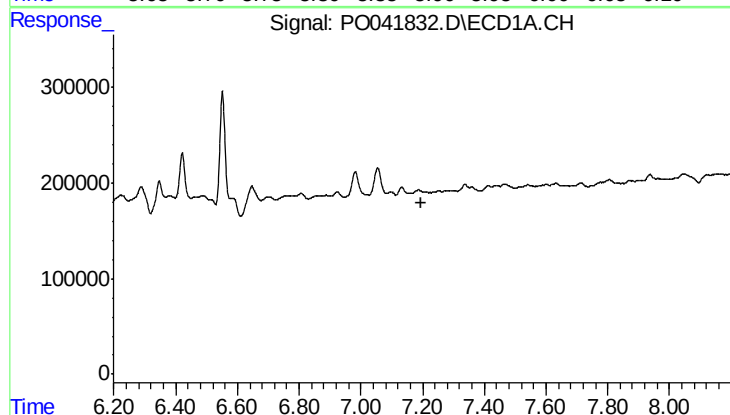
R.T.: 6.982 min  
Delta R.T.: 0.049 min  
Response: 357621  
Conc: 27.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B



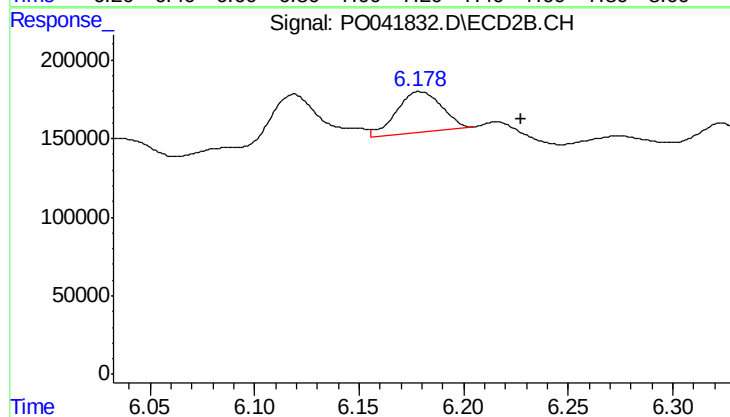
#29 AR-1254-4

R.T.: 5.910 min  
Delta R.T.: -0.013 min  
Response: 1158893  
Conc: 59.47 ng/ml



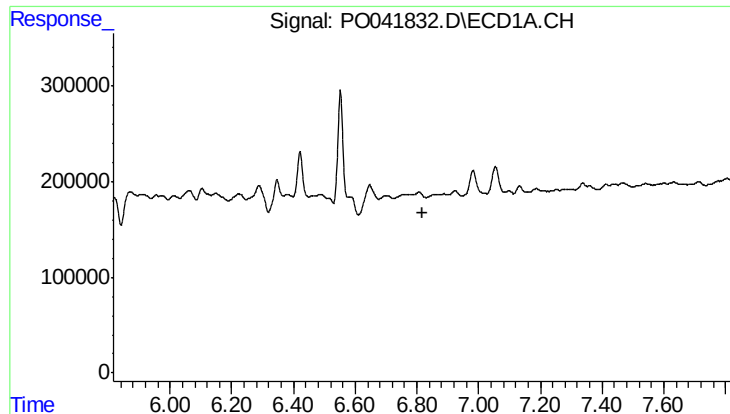
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 7.198 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

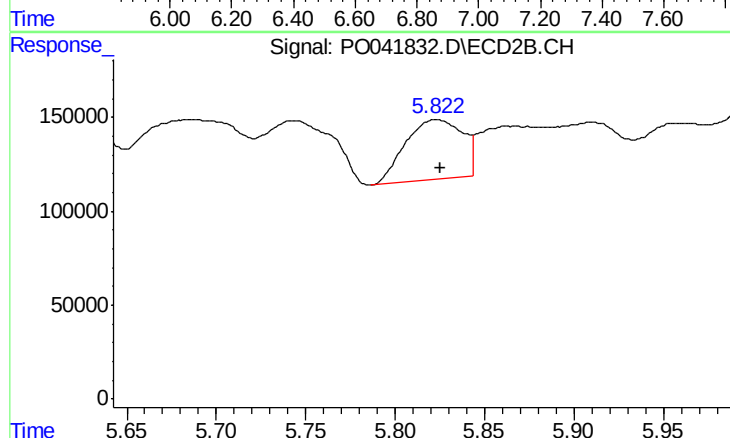
R.T.: 6.179 min  
Delta R.T.: -0.048 min  
Response: 390540  
Conc: 29.48 ng/ml



#31 AR-1260-1

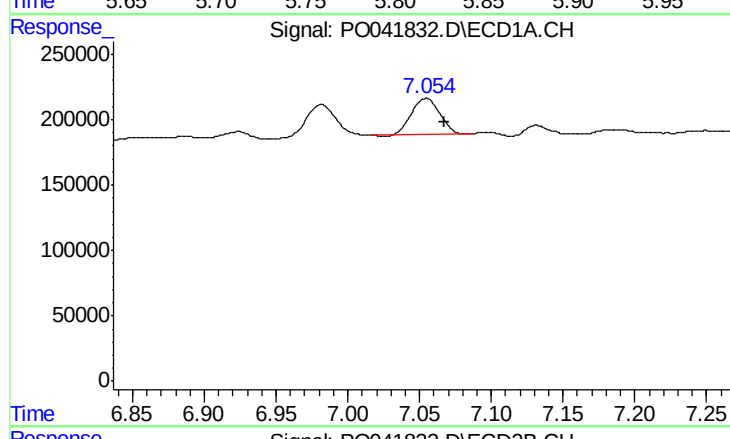
R.T.: 0.000 min  
Exp R.T.: 6.816 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B



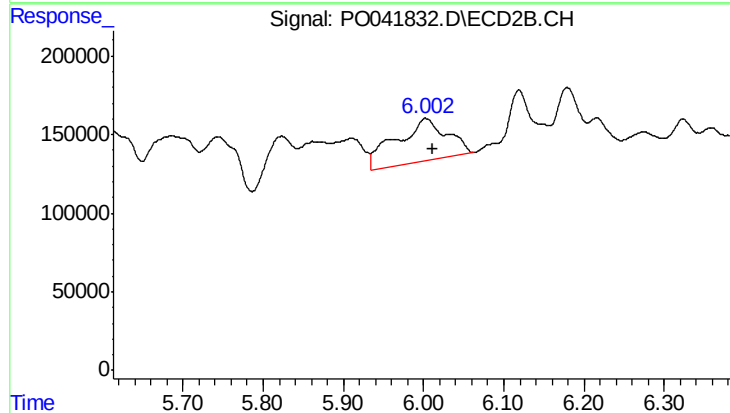
#31 AR-1260-1

R.T.: 5.823 min  
Delta R.T.: -0.003 min  
Response: 713064  
Conc: 33.40 ng/ml



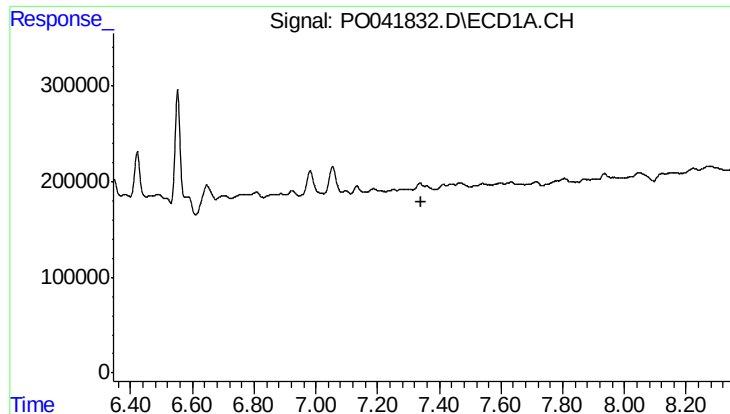
#32 AR-1260-2

R.T.: 7.055 min  
Delta R.T.: -0.013 min  
Response: 381840  
Conc: 21.95 ng/ml



#32 AR-1260-2

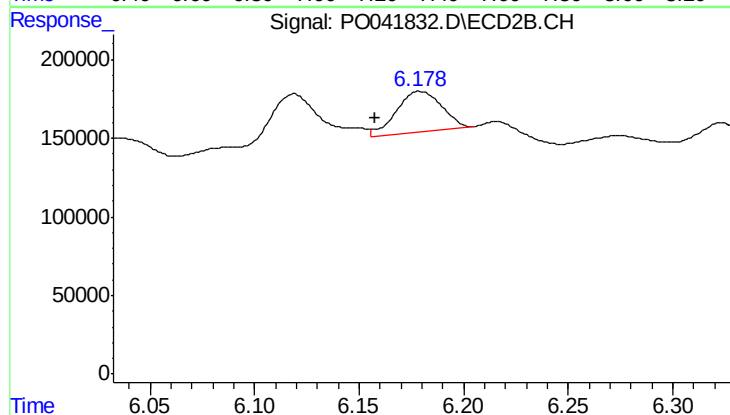
R.T.: 6.003 min  
Delta R.T.: -0.009 min  
Response: 1222746  
Conc: 38.71 ng/ml



#33 AR-1260-3

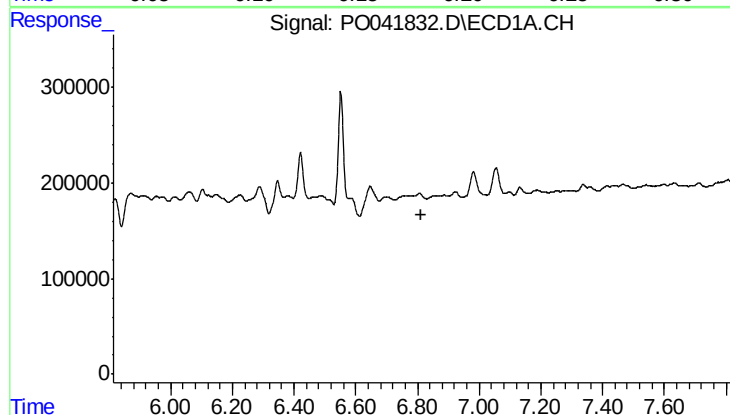
R.T.: 0.000 min  
Exp R.T.: 7.343 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B



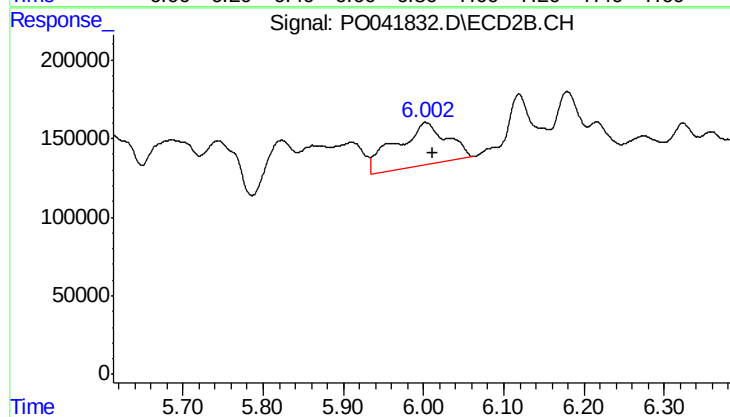
#33 AR-1260-3

R.T.: 6.179 min  
Delta R.T.: 0.022 min  
Response: 390540  
Conc: 14.96 ng/ml



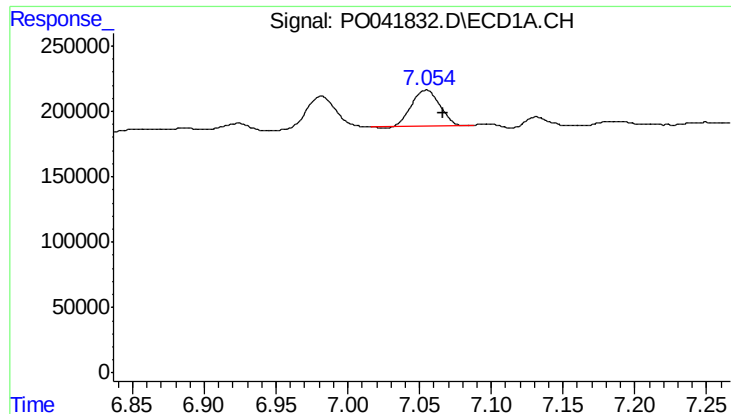
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 6.814 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

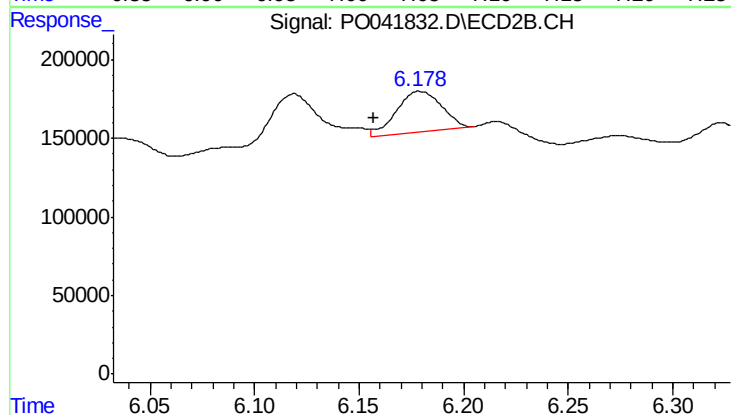
R.T.: 6.003 min  
Delta R.T.: -0.008 min  
Response: 1222746  
Conc: 55.05 ng/ml



#37 AR-1262-2

R.T.: 7.055 min  
Delta R.T.: -0.012 min  
Response: 381840  
Conc: 32.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PL-02-012418-B



#37 AR-1262-2

R.T.: 6.179 min  
Delta R.T.: 0.022 min  
Response: 390540  
Conc: 19.42 ng/ml