

Data Path : P:\HPCHEM1\ECD\_0\Data\P0060318\  
 Data File : P0045360.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 02 Jun 2018 16:56  
 Operator : SM/UA  
 Sample : J3171-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 052418-SIDI-E-D-B

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 04 01:25:33 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0053018.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu May 31 04:53:22 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...          | 3.999 | 3.274 | 4121046  | 5321379  | 19.730   | 19.191     |
| 2) SA Decachlor...          | 9.279 | 7.995 | 4079753  | 4858097  | 17.764   | 17.237     |
| Target Compounds            |       |       |          |          |          |            |
| 3) L1 AR-1016-1             | 4.867 | 0.000 | 1453902  | 0        | 275.306  | N.D. #     |
| 5) L1 AR-1016-3             | 5.276 | 4.567 | 601825   | 4202010  | 107.555  | 599.794 #  |
| 6) L1 AR-1016-4             | 0.000 | 4.710 | 0        | 1030688  | N.D.     | 138.445 #  |
| 7) L1 AR-1016-5             | 5.933 | 5.062 | 12311088 | 16654316 | 2449.991 | 2221.240   |
| 8) L2 AR-1221-1             | 4.273 | 3.435 | 910537   | 801869   | 229.558  | 153.250 #  |
| 9) L2 AR-1221-2             | 4.273 | 3.572 | 910537   | 829301   | 313.723  | 221.244 #  |
| 10) L2 AR-1221-3            | 4.371 | 3.643 | 1141180  | 1896721  | 121.420  | 153.443 #  |
| 11) L3 AR-1232-1            | 4.371 | 3.643 | 1141180  | 1896721  | 258.287  | 326.641 #  |
| 12) L3 AR-1232-2            | 0.000 | 4.301 | 0        | 335777   | N.D.     | 26.583 #   |
| 13) L3 AR-1232-3            | 0.000 | 4.301 | 0        | 335777   | N.D.     | 64.410 #   |
| 15) L3 AR-1232-5            | 5.276 | 4.567 | 601825   | 4202010  | 223.958  | 1242.309 # |
| 17) L4 AR-1242-2            | 0.000 | 4.301 | 0        | 335777   | N.D.     | 16.410 #   |
| 18) L4 AR-1242-3            | 5.276 | 4.484 | 601825   | -9196    | 135.304  | N.D. #     |
| 19) L4 AR-1242-4            | 0.000 | 4.567 | 0        | 4202010  | N.D.     | 702.420 #  |
| 20) L4 AR-1242-5            | 0.000 | 4.710 | 0        | 1030688  | N.D.     | 157.962 #  |
| 21) L5 AR-1248-1            | 0.000 | 4.710 | 0        | 1030688  | N.D.     | 97.109 #   |
| 22) L5 AR-1248-2            | 0.000 | 4.810 | 0        | 4031052  | N.D.     | 391.749 #  |
| 23) L5 AR-1248-3            | 5.933 | 5.062 | 12311088 | 16654316 | 1419.934 | 1035.701 # |
| 24) L5 AR-1248-4            | 6.056 | 5.062 | 5688459  | 16654316 | 642.578  | 1243.011 # |
| 25) L5 AR-1248-5            | 6.192 | 5.578 | 3000584  | 13324375 | 537.323  | 1851.958 # |
| 26) L6 AR-1254-1            | 6.101 | 5.062 | 2169232  | 16654316 | 156.853  | 898.727 #  |
| 27) L6 AR-1254-2            | 6.403 | 5.229 | -205373  | 5568931  | N.D.     | 345.415 #  |
| 28) L6 AR-1254-3            | 6.512 | 5.578 | 909609   | 13324375 | 57.730   | 517.063 #  |
| 29) L6 AR-1254-4            | 6.809 | 5.732 | 4418325  | 220519   | 338.303  | 11.074 #   |
| 30) L6 AR-1254-5            | 7.080 | 6.077 | 2887580  | 408037   | 301.929  | 34.066 #   |
| 31) L7 AR-1260-1            | 0.000 | 5.682 | 0        | 1295606  | N.D.     | 79.155 #   |
| 32) L7 AR-1260-2            | 6.900 | 5.880 | 4082428  | 1227067  | 268.286  | 58.079 #   |
| 33) L7 AR-1260-3            | 7.211 | 6.214 | 1992022  | 96714    | 156.907  | 5.110 #    |
| 35) L7 AR-1260-5            | 0.000 | 7.030 | 0        | 10947631 | N.D.     | 397.751 #  |
| 36) L8 AR-1262-1            | 0.000 | 5.880 | 0        | 1227067  | N.D.     | 64.823 #   |
| 37) L8 AR-1262-2            | 6.900 | 5.999 | 4082428  | -552835  | 296.790  | N.D. #     |
| 38) L8 AR-1262-3            | 7.159 | 6.214 | 1485264  | 96714    | 116.556  | 3.154 #    |
| 41) L9 AR-1268-1            | 0.000 | 7.030 | 0        | 10947631 | N.D.     | 198.411 #  |
| 42) L9 AR-1268-2            | 0.000 | 7.030 | 0        | 10947631 | N.D.     | 214.395 #  |
| 43) L9 AR-1268-3            | 0.000 | 7.202 | 0        | 381128   | N.D.     | 8.613 #    |
| -----                       |       |       |          |          |          |            |

Data Path : P:\HPCHEM1\ECD\_0\Data\P0060318\  
Data File : P0045360.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 02 Jun 2018 16:56  
Operator : SM/UA  
Sample : J3171-01  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B

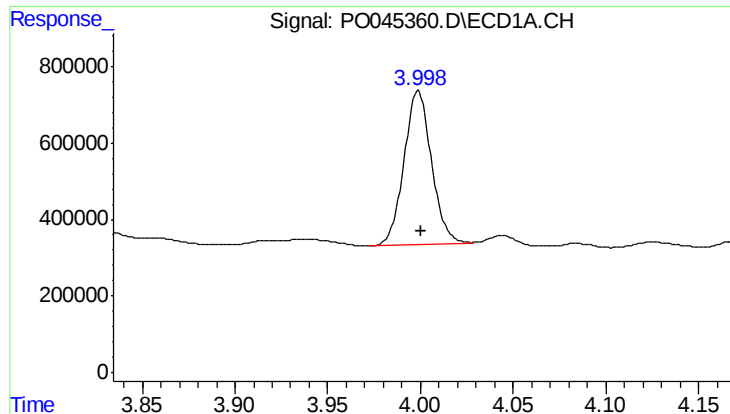
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 04 01:25:33 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\P0053018.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu May 31 04:53:22 2018  
Response via : Initial Calibration  
Integrator: ChemStation 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 |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

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

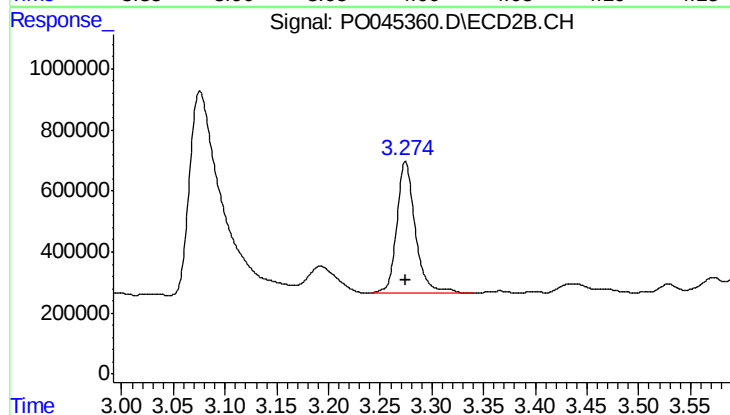




#1 Tetrachloro-m-xylene

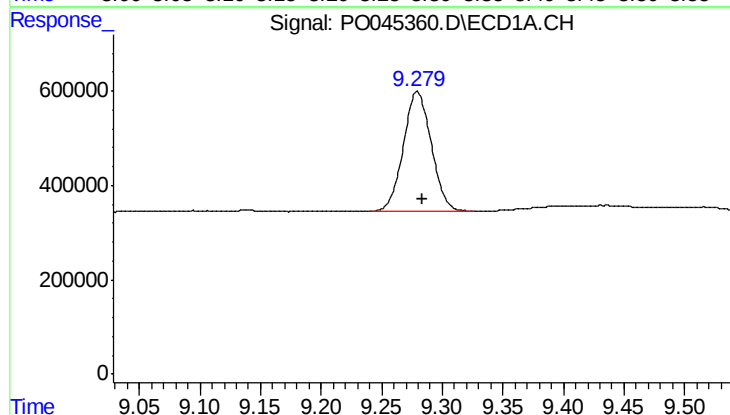
R.T.: 3.999 min  
Delta R.T.: -0.002 min  
Response: 4121046  
Conc: 19.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



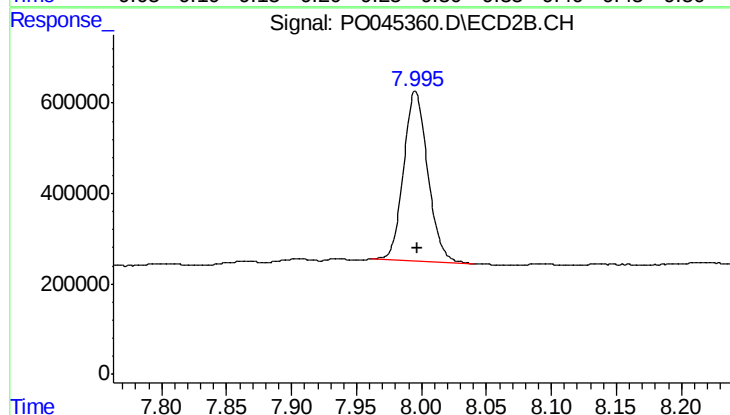
#1 Tetrachloro-m-xylene

R.T.: 3.274 min  
Delta R.T.: 0.000 min  
Response: 5321379  
Conc: 19.19 ng/ml



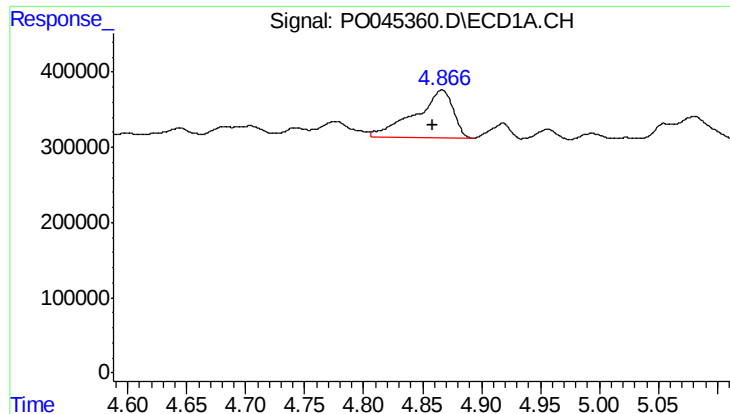
#2 Decachlorobiphenyl

R.T.: 9.279 min  
Delta R.T.: -0.004 min  
Response: 4079753  
Conc: 17.76 ng/ml



#2 Decachlorobiphenyl

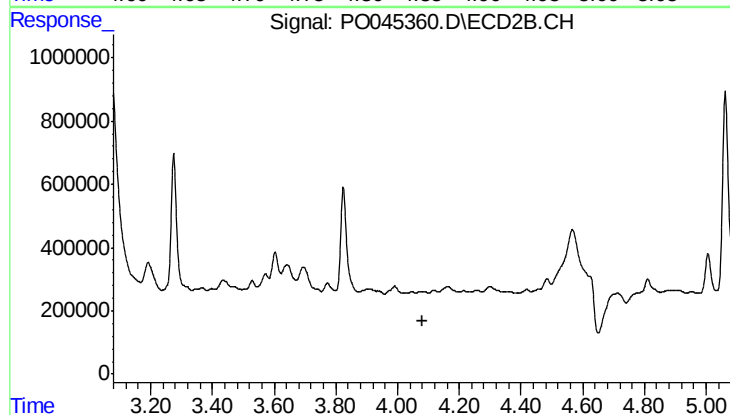
R.T.: 7.995 min  
Delta R.T.: -0.002 min  
Response: 4858097  
Conc: 17.24 ng/ml



#3 AR-1016-1

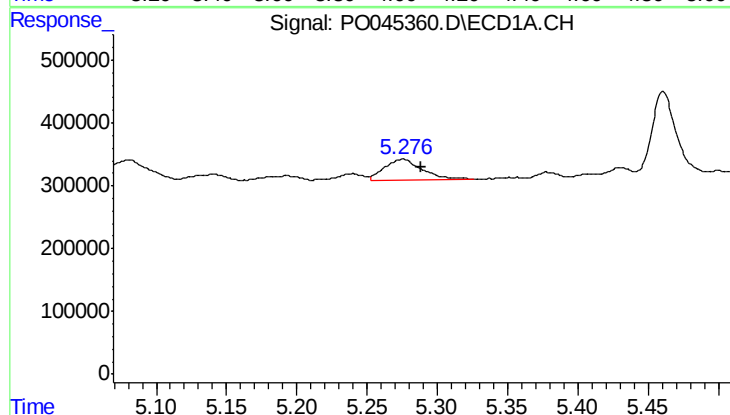
R.T.: 4.867 min  
Delta R.T.: 0.008 min  
Response: 1453902  
Conc: 275.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



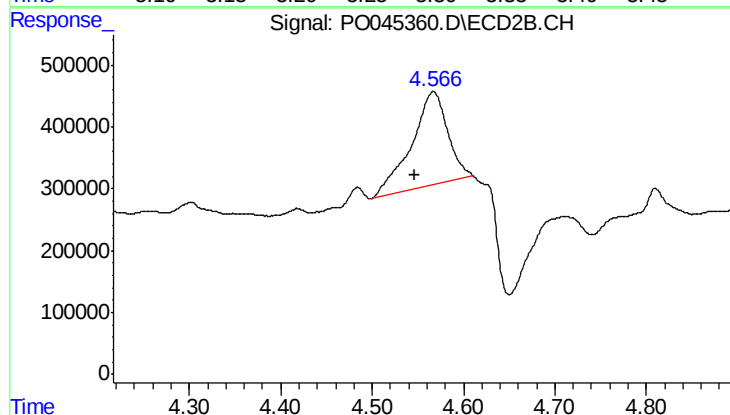
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T.: 4.079 min  
Response: 0  
Conc: N.D.



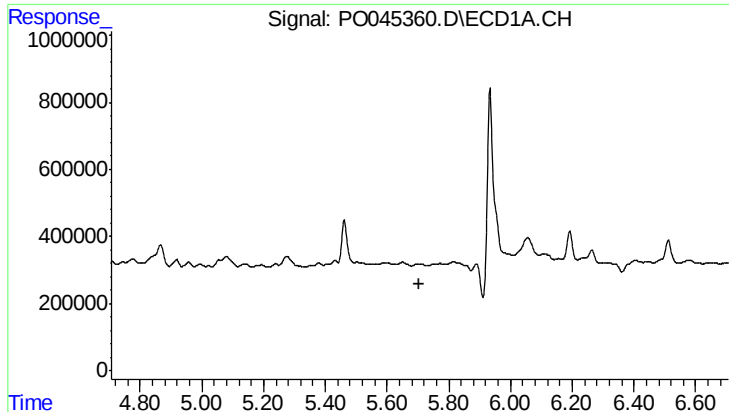
#5 AR-1016-3

R.T.: 5.276 min  
Delta R.T.: -0.013 min  
Response: 601825  
Conc: 107.56 ng/ml



#5 AR-1016-3

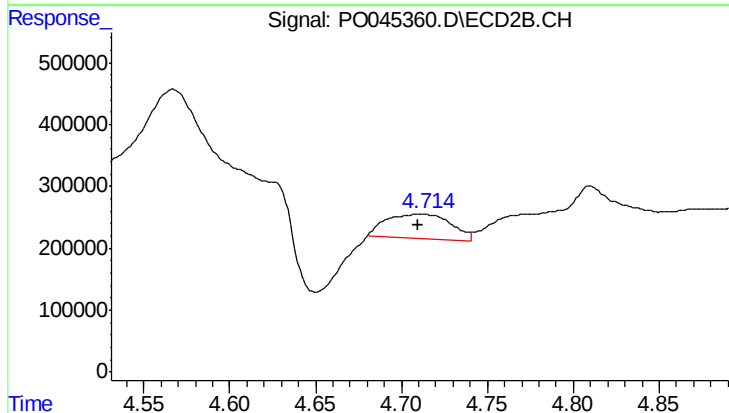
R.T.: 4.567 min  
Delta R.T.: 0.020 min  
Response: 4202010  
Conc: 599.79 ng/ml



#6 AR-1016-4

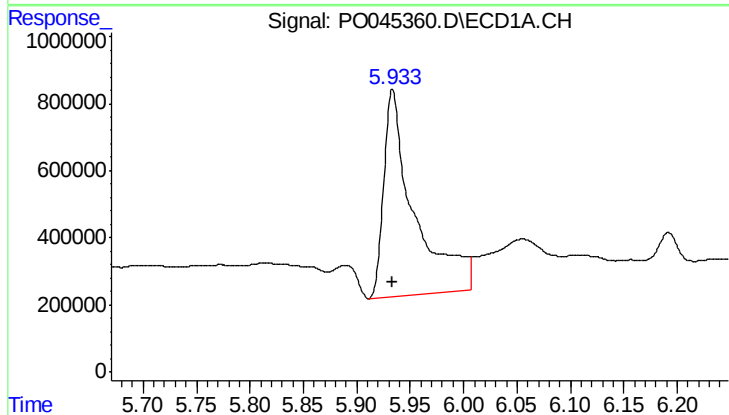
R.T.: 0.000 min  
Exp R.T.: 5.706 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



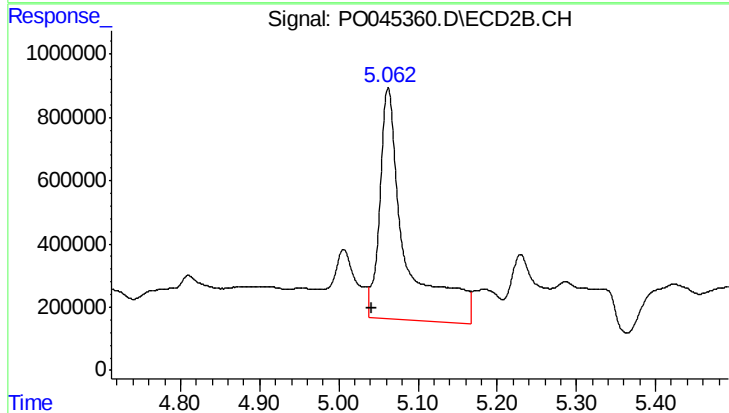
#6 AR-1016-4

R.T.: 4.710 min  
Delta R.T.: 0.000 min  
Response: 1030688  
Conc: 138.44 ng/ml



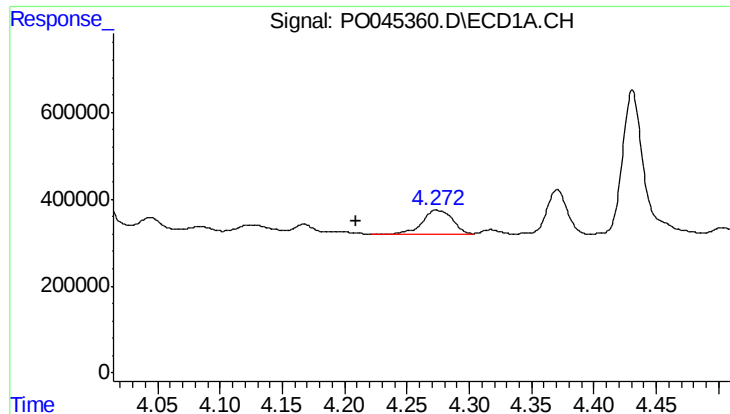
#7 AR-1016-5

R.T.: 5.933 min  
Delta R.T.: 0.000 min  
Response: 12311088  
Conc: 2449.99 ng/ml



#7 AR-1016-5

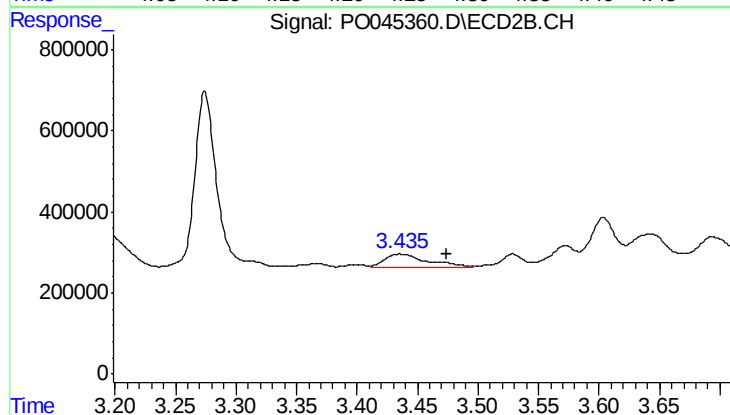
R.T.: 5.062 min  
Delta R.T.: 0.021 min  
Response: 16654316  
Conc: 2221.24 ng/ml



#8 AR-1221-1

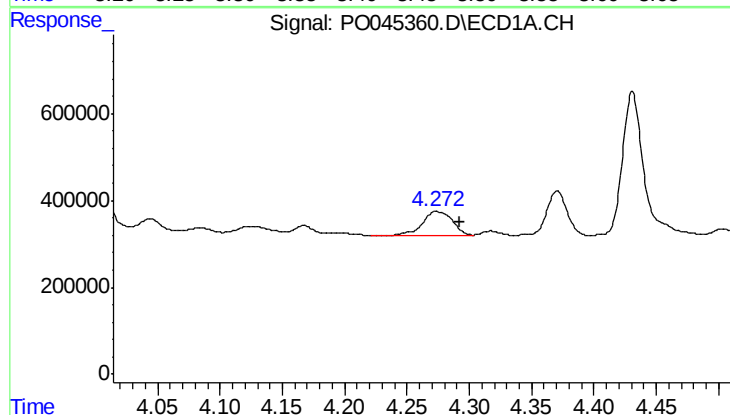
R.T.: 4.273 min  
Delta R.T.: 0.064 min  
Response: 910537  
Conc: 229.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



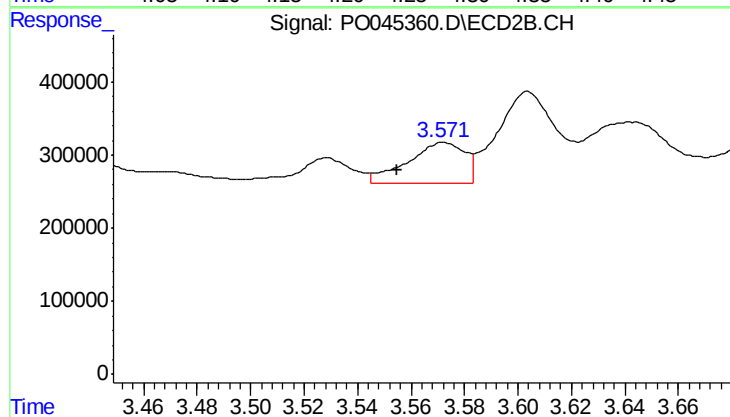
#8 AR-1221-1

R.T.: 3.435 min  
Delta R.T.: -0.039 min  
Response: 801869  
Conc: 153.25 ng/ml



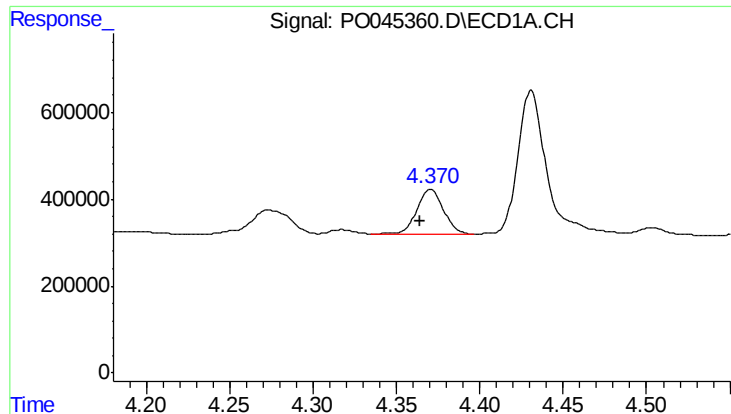
#9 AR-1221-2

R.T.: 4.273 min  
Delta R.T.: -0.019 min  
Response: 910537  
Conc: 313.72 ng/ml



#9 AR-1221-2

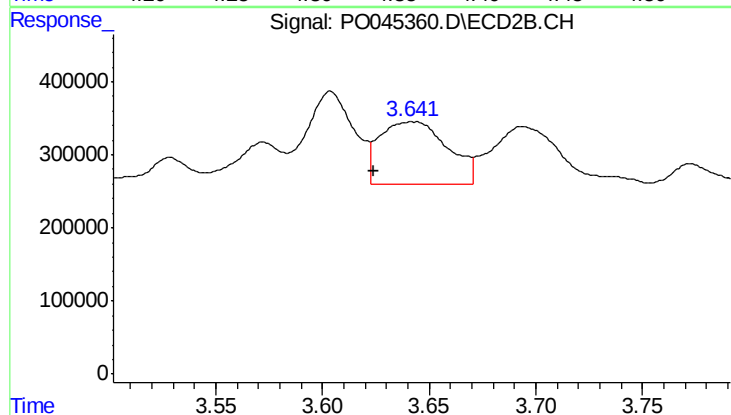
R.T.: 3.572 min  
Delta R.T.: 0.017 min  
Response: 829301  
Conc: 221.24 ng/ml



#10 AR-1221-3

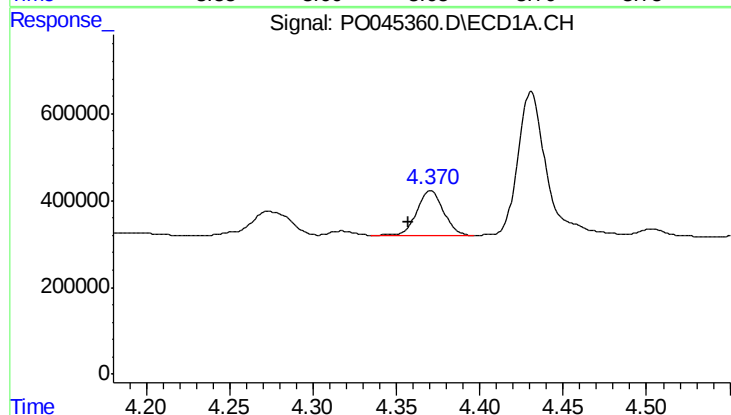
R.T.: 4.371 min  
Delta R.T.: 0.006 min  
Response: 1141180  
Conc: 121.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



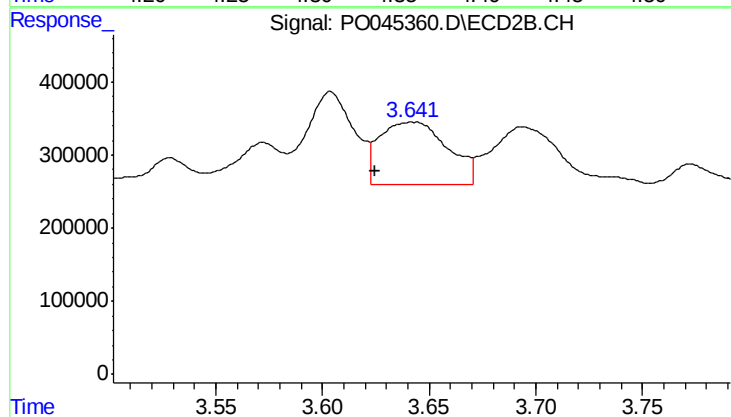
#10 AR-1221-3

R.T.: 3.643 min  
Delta R.T.: 0.018 min  
Response: 1896721  
Conc: 153.44 ng/ml



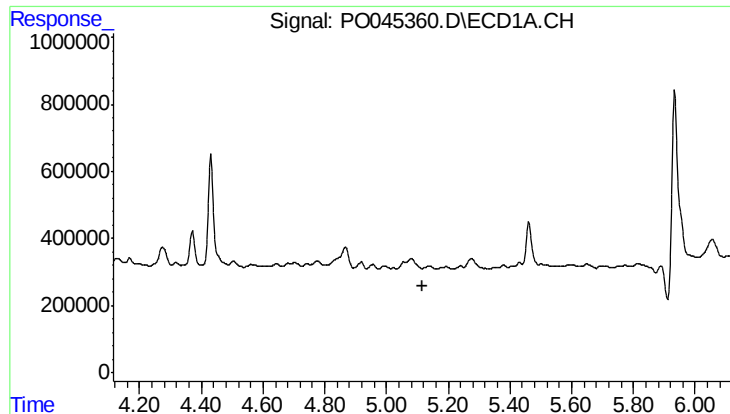
#11 AR-1232-1

R.T.: 4.371 min  
Delta R.T.: 0.013 min  
Response: 1141180  
Conc: 258.29 ng/ml



#11 AR-1232-1

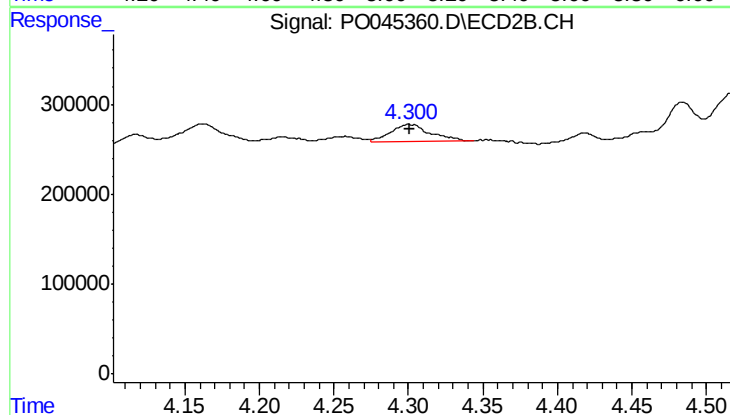
R.T.: 3.643 min  
Delta R.T.: 0.018 min  
Response: 1896721  
Conc: 326.64 ng/ml



#12 AR-1232-2

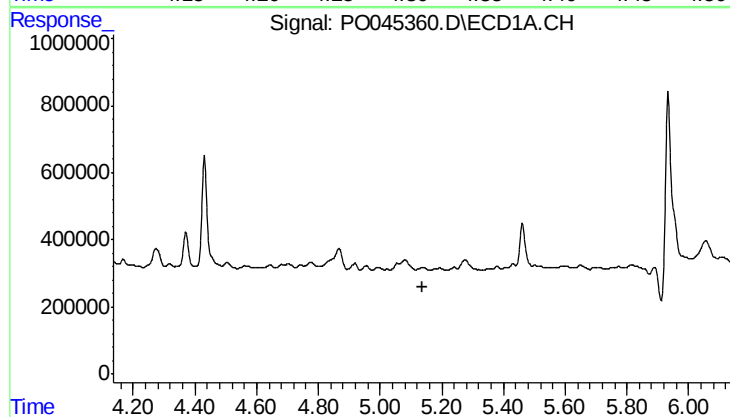
R.T.: 0.000 min  
Exp R.T.: 5.115 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



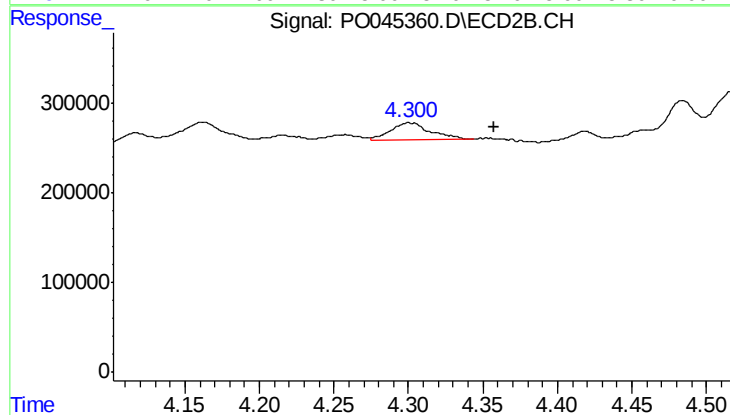
#12 AR-1232-2

R.T.: 4.301 min  
Delta R.T.: 0.000 min  
Response: 335777  
Conc: 26.58 ng/ml



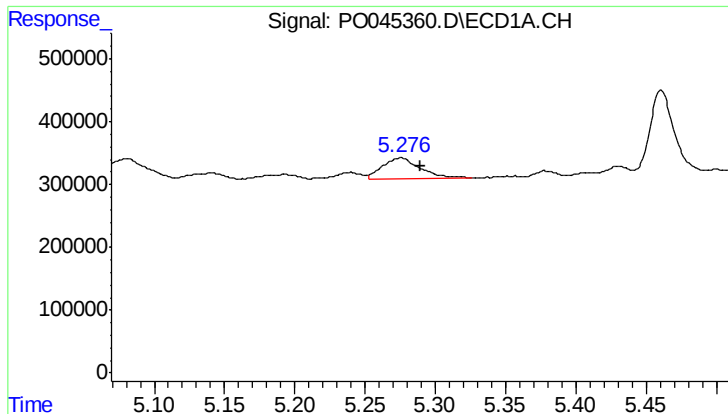
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.136 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

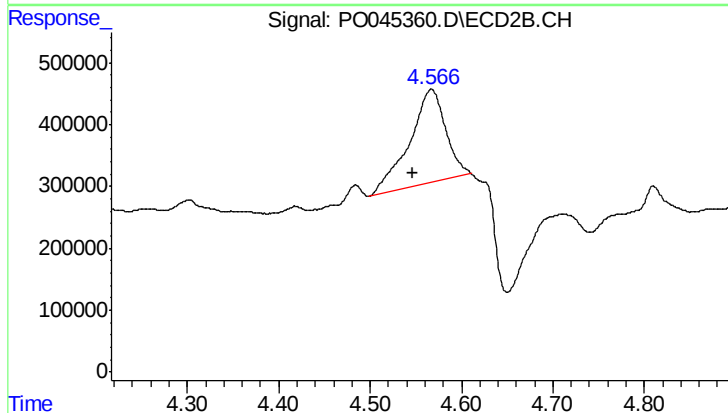
R.T.: 4.301 min  
Delta R.T.: -0.056 min  
Response: 335777  
Conc: 64.41 ng/ml



#15 AR-1232-5

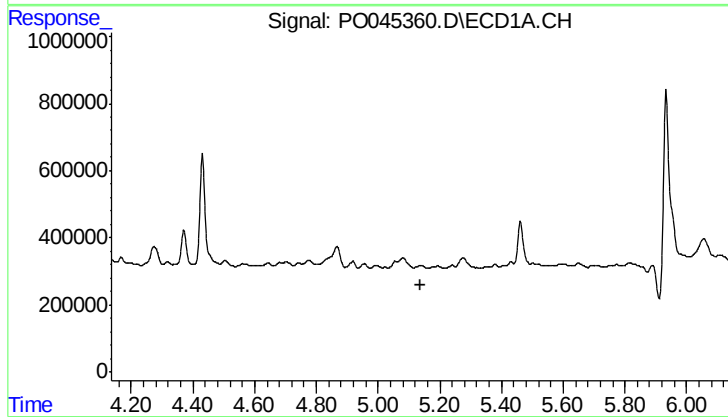
R.T.: 5.276 min  
Delta R.T.: -0.014 min  
Response: 601825  
Conc: 223.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



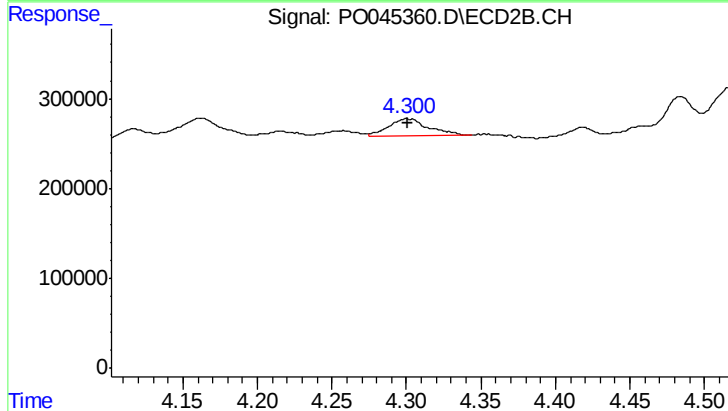
#15 AR-1232-5

R.T.: 4.567 min  
Delta R.T.: 0.020 min  
Response: 4202010  
Conc: 1242.31 ng/ml



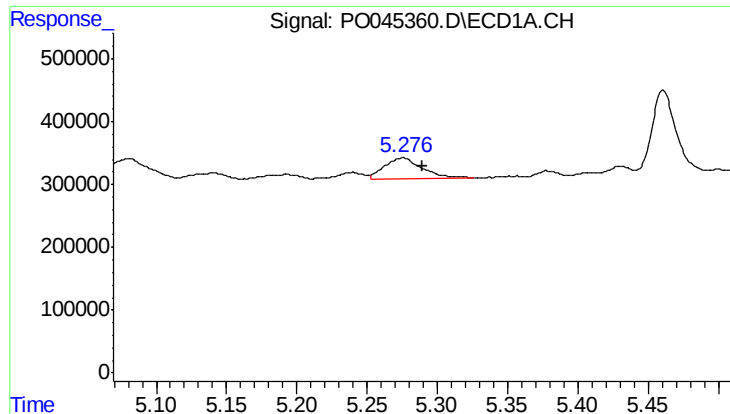
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 5.136 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

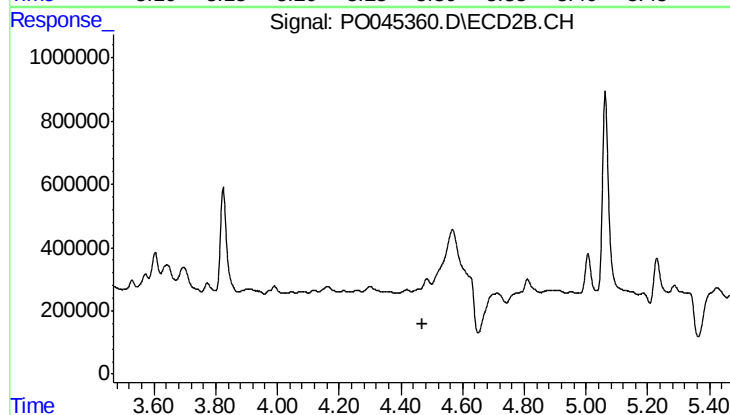
R.T.: 4.301 min  
Delta R.T.: 0.000 min  
Response: 335777  
Conc: 16.41 ng/ml



#18 AR-1242-3

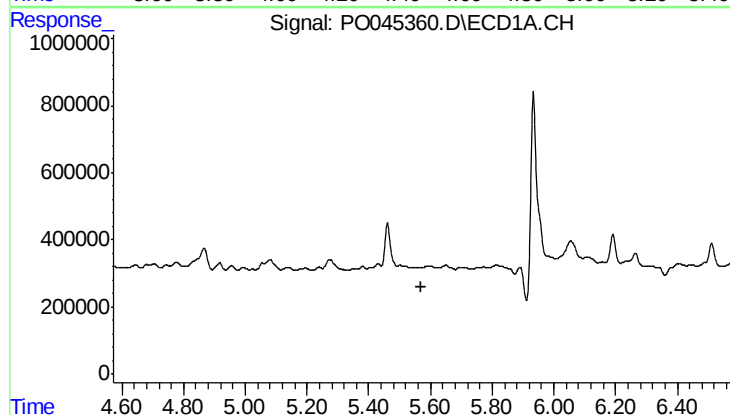
R.T.: 5.276 min  
Delta R.T.: -0.014 min  
Response: 601825  
Conc: 135.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



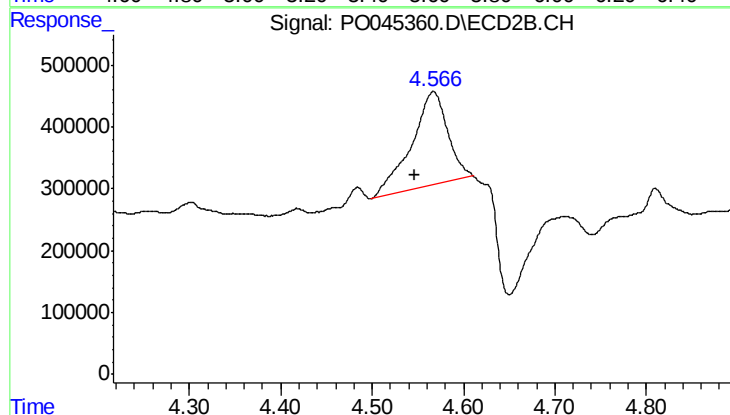
#18 AR-1242-3

R.T.: 4.484 min  
Delta R.T.: 0.016 min  
Response: -9196  
Conc: N.D.



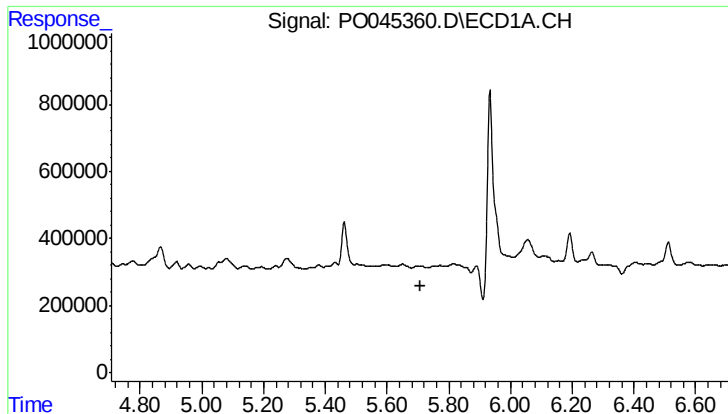
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.572 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

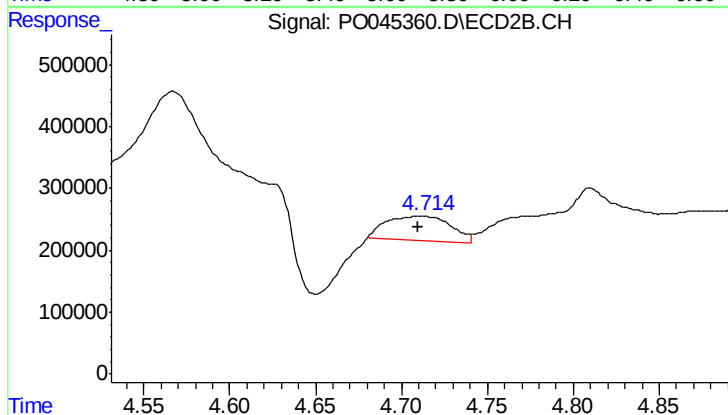
R.T.: 4.567 min  
Delta R.T.: 0.020 min  
Response: 4202010  
Conc: 702.42 ng/ml



#20 AR-1242-5

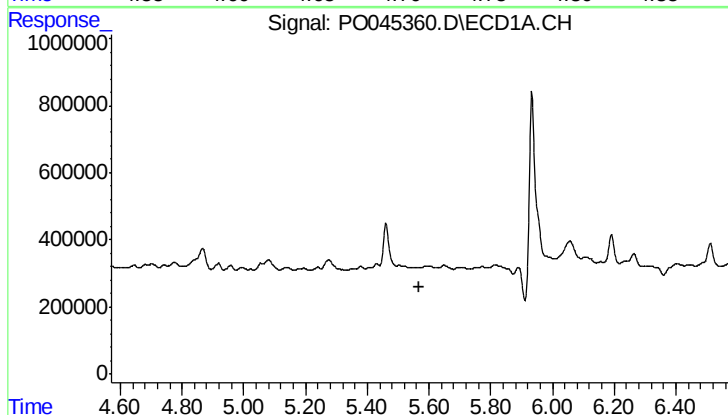
R.T.: 0.000 min  
Exp R.T.: 5.707 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



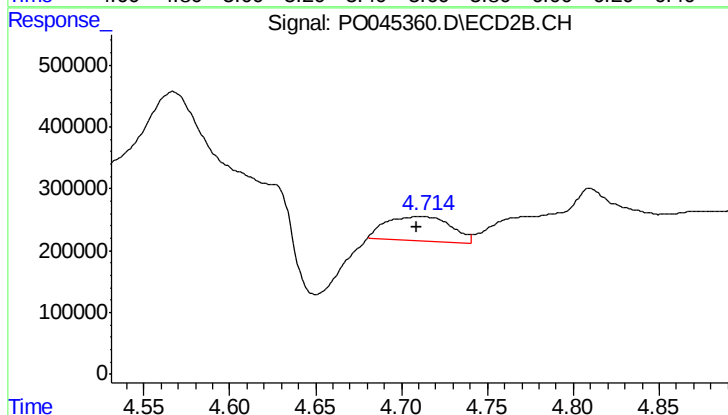
#20 AR-1242-5

R.T.: 4.710 min  
Delta R.T.: 0.000 min  
Response: 1030688  
Conc: 157.96 ng/ml



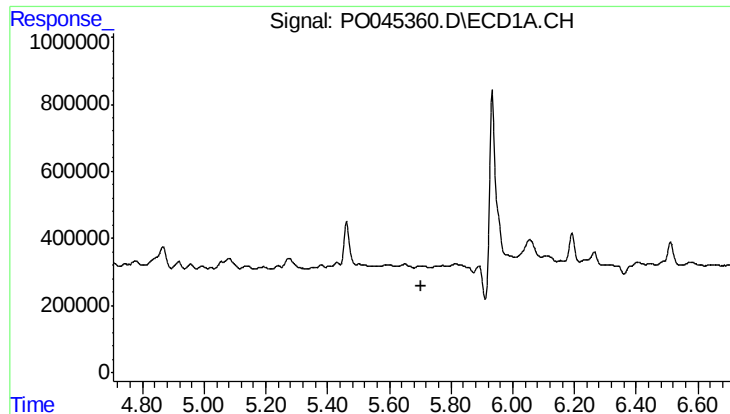
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 5.570 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

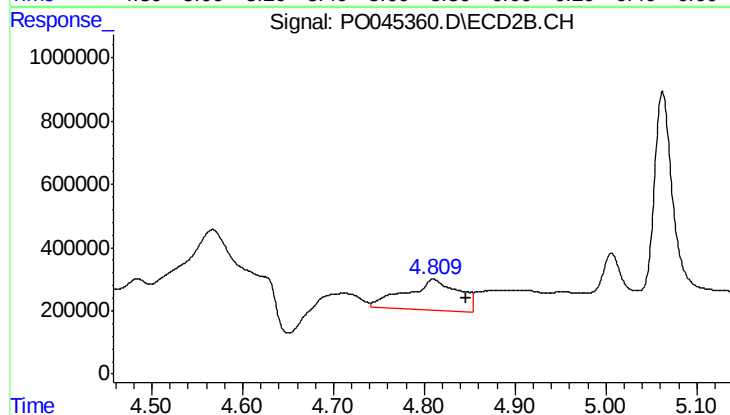
R.T.: 4.710 min  
Delta R.T.: 0.000 min  
Response: 1030688  
Conc: 97.11 ng/ml



#22 AR-1248-2

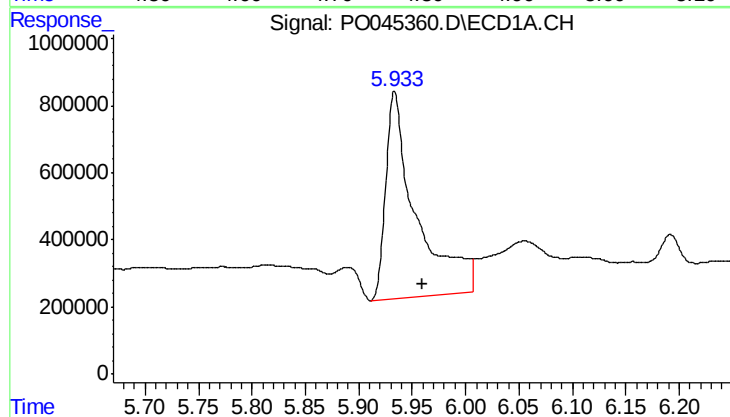
R.T.: 0.000 min  
Exp R.T.: 5.705 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



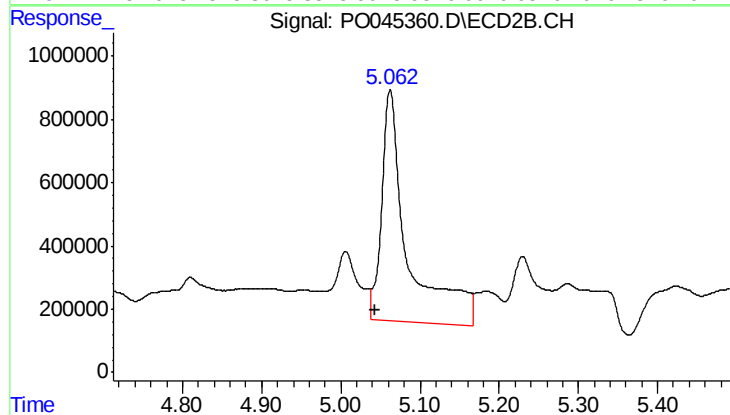
#22 AR-1248-2

R.T.: 4.810 min  
Delta R.T.: -0.036 min  
Response: 4031052  
Conc: 391.75 ng/ml



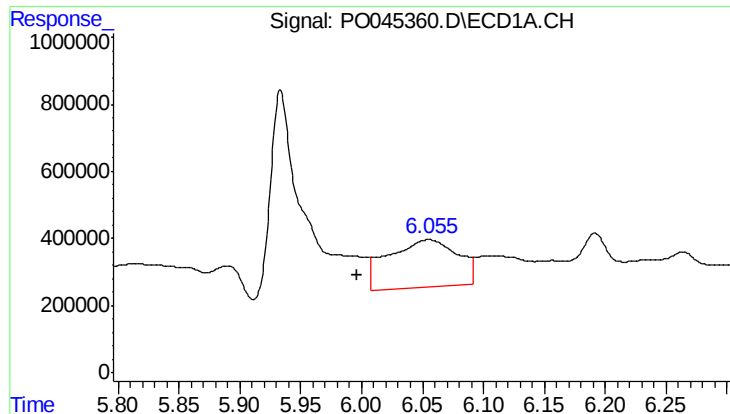
#23 AR-1248-3

R.T.: 5.933 min  
Delta R.T.: -0.026 min  
Response: 12311088  
Conc: 1419.93 ng/ml



#23 AR-1248-3

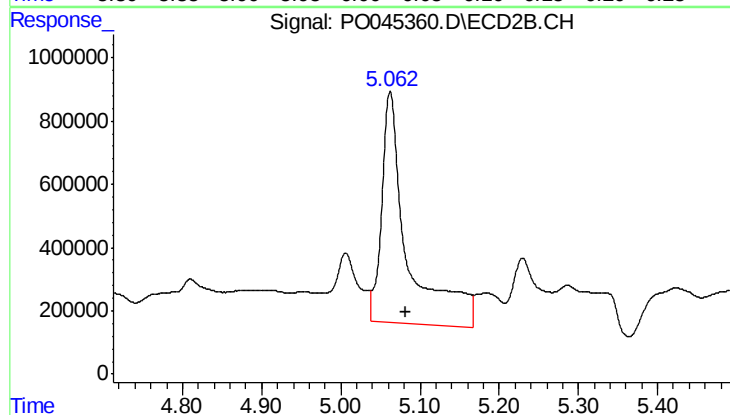
R.T.: 5.062 min  
Delta R.T.: 0.019 min  
Response: 16654316  
Conc: 1035.70 ng/ml



#24 AR-1248-4

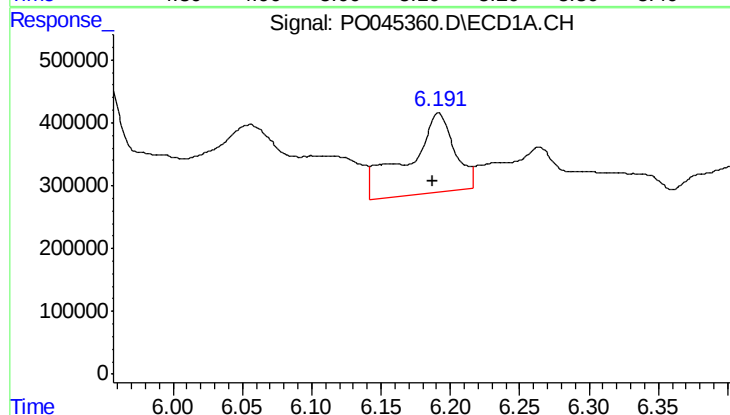
R.T.: 6.056 min  
Delta R.T.: 0.059 min  
Response: 5688459  
Conc: 642.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



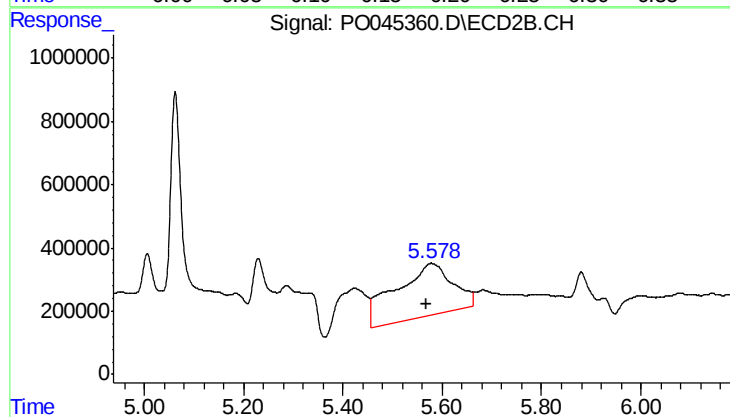
#24 AR-1248-4

R.T.: 5.062 min  
Delta R.T.: -0.019 min  
Response: 16654316  
Conc: 1243.01 ng/ml



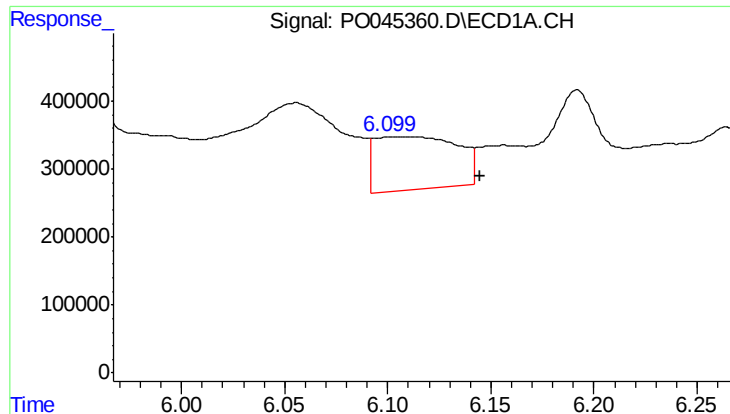
#25 AR-1248-5

R.T.: 6.192 min  
Delta R.T.: 0.004 min  
Response: 3000584  
Conc: 537.32 ng/ml



#25 AR-1248-5

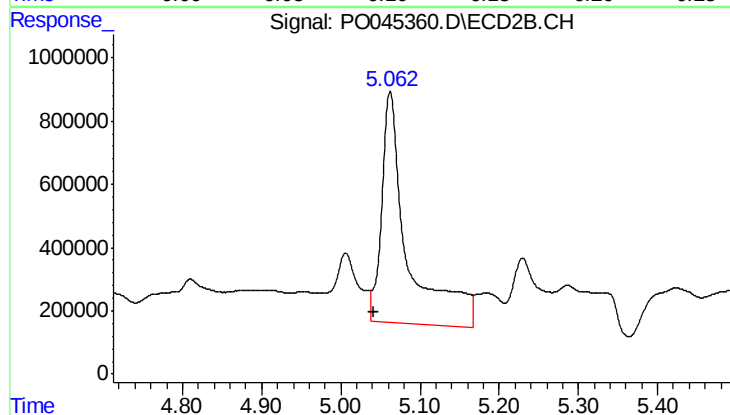
R.T.: 5.578 min  
Delta R.T.: 0.010 min  
Response: 13324375  
Conc: 1851.96 ng/ml



#26 AR-1254-1

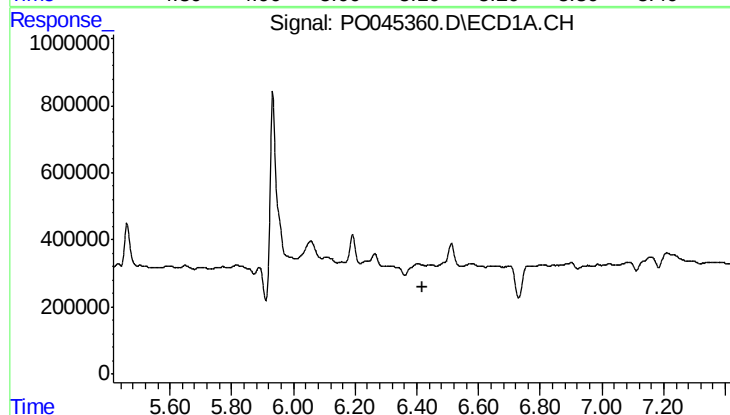
R.T.: 6.101 min  
Delta R.T.: -0.044 min  
Response: 2169232  
Conc: 156.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



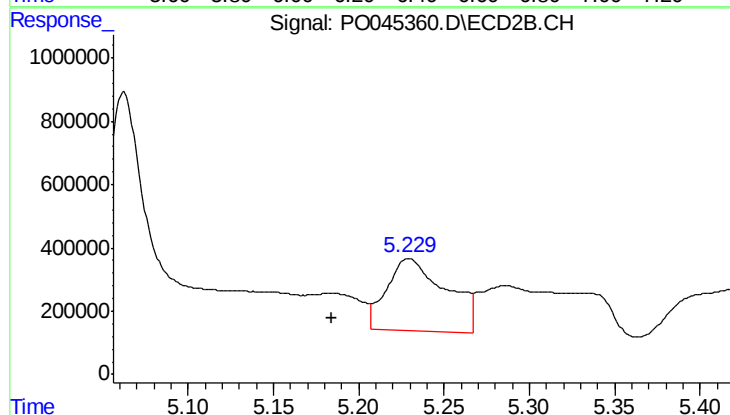
#26 AR-1254-1

R.T.: 5.062 min  
Delta R.T.: 0.020 min  
Response: 16654316  
Conc: 898.73 ng/ml



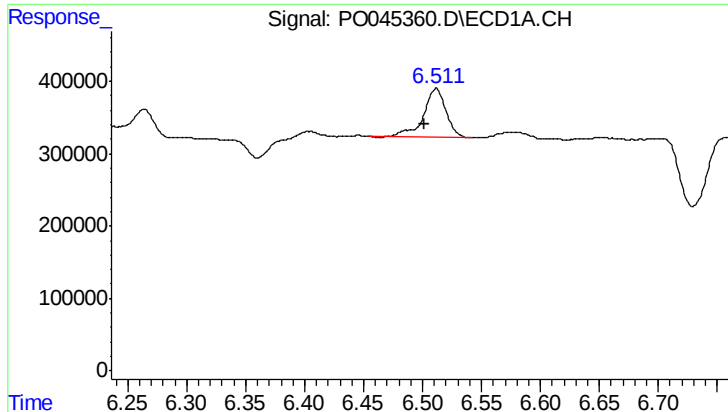
#27 AR-1254-2

R.T.: 6.403 min  
Delta R.T.: -0.014 min  
Response: -205373  
Conc: N.D.



#27 AR-1254-2

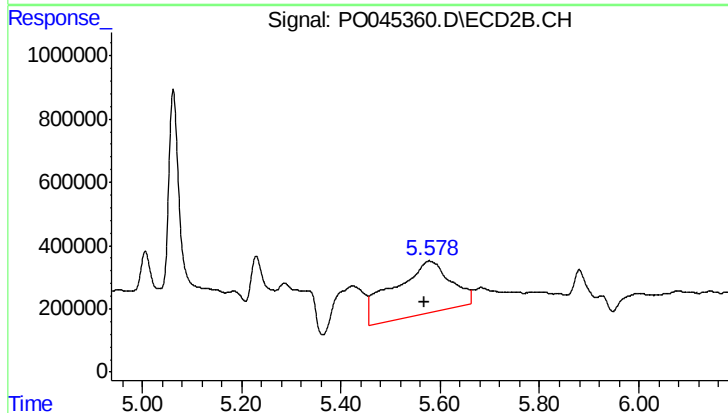
R.T.: 5.229 min  
Delta R.T.: 0.045 min  
Response: 5568931  
Conc: 345.41 ng/ml



#28 AR-1254-3

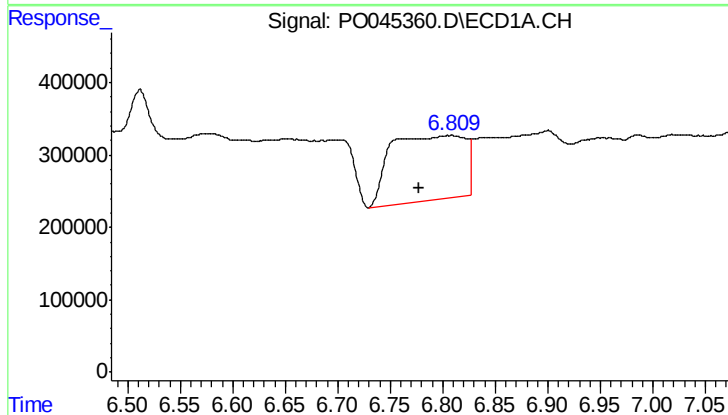
R.T.: 6.512 min  
Delta R.T.: 0.010 min  
Response: 909609  
Conc: 57.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



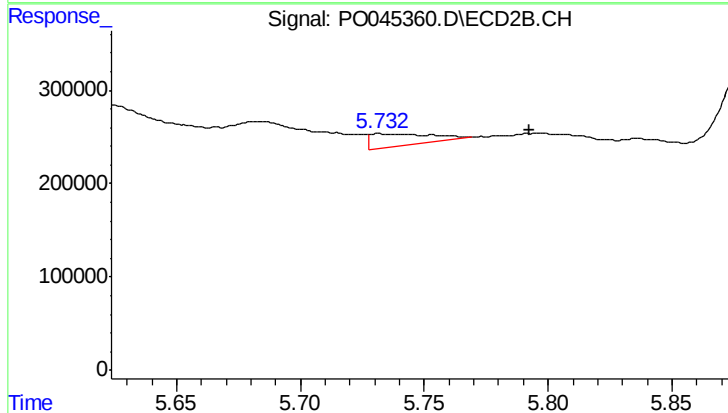
#28 AR-1254-3

R.T.: 5.578 min  
Delta R.T.: 0.009 min  
Response: 13324375  
Conc: 517.06 ng/ml



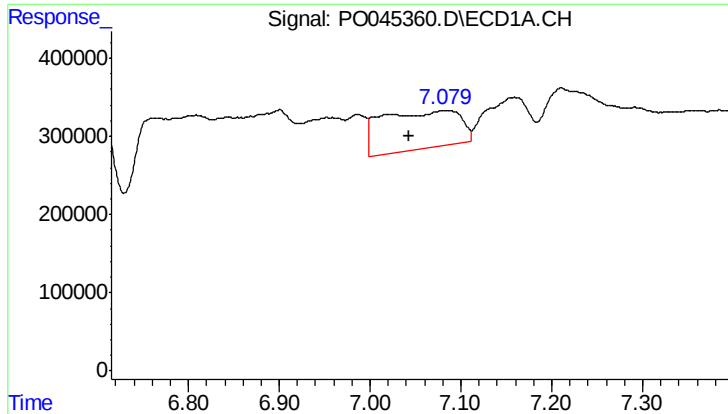
#29 AR-1254-4

R.T.: 6.809 min  
Delta R.T.: 0.031 min  
Response: 4418325  
Conc: 338.30 ng/ml



#29 AR-1254-4

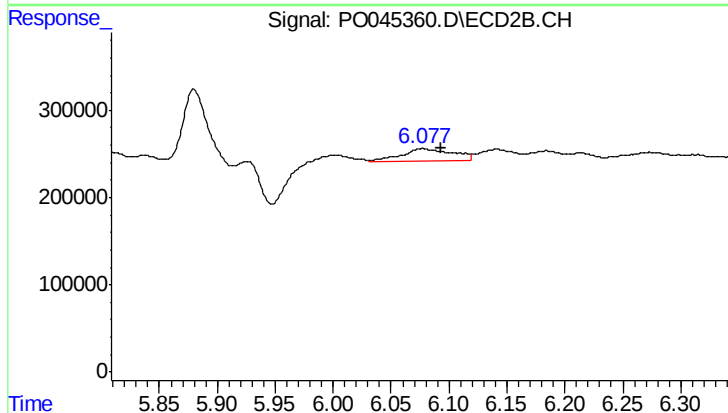
R.T.: 5.732 min  
Delta R.T.: -0.060 min  
Response: 220519  
Conc: 11.07 ng/ml



#30 AR-1254-5

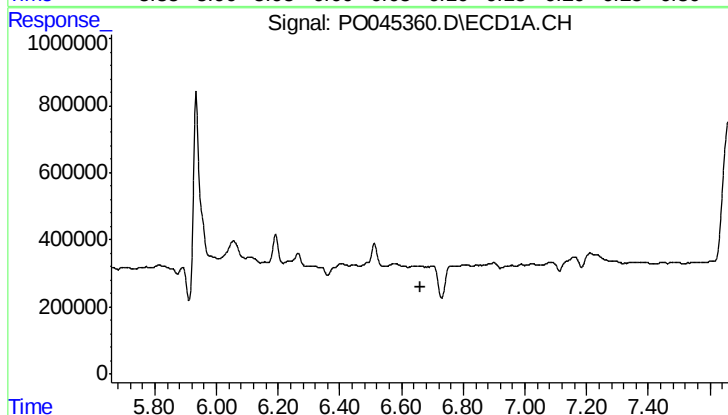
R.T.: 7.080 min  
Delta R.T.: 0.037 min  
Response: 2887580  
Conc: 301.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



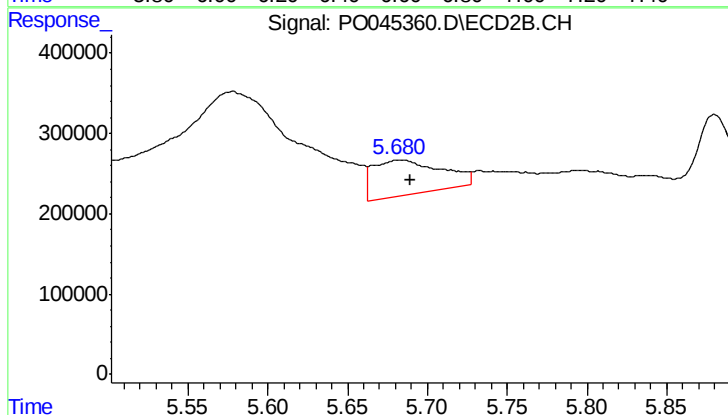
#30 AR-1254-5

R.T.: 6.077 min  
Delta R.T.: -0.016 min  
Response: 408037  
Conc: 34.07 ng/ml



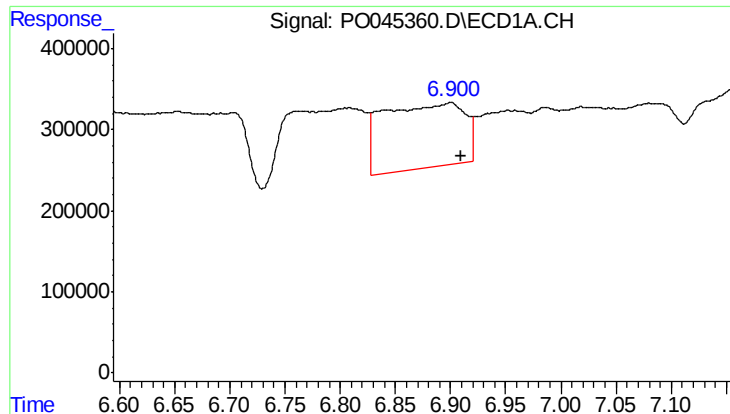
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 6.659 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

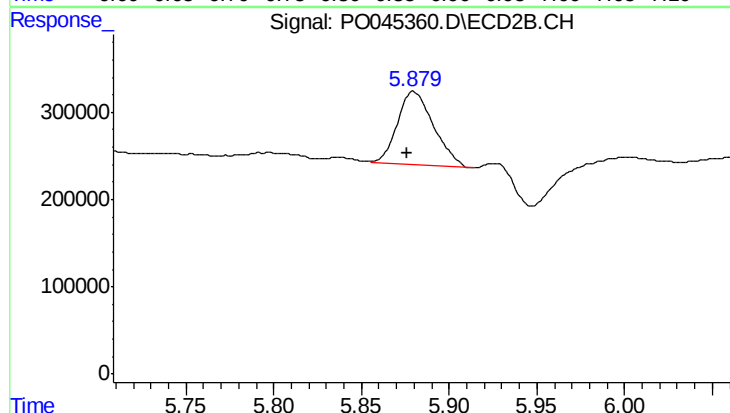
R.T.: 5.682 min  
Delta R.T.: -0.008 min  
Response: 1295606  
Conc: 79.15 ng/ml



#32 AR-1260-2

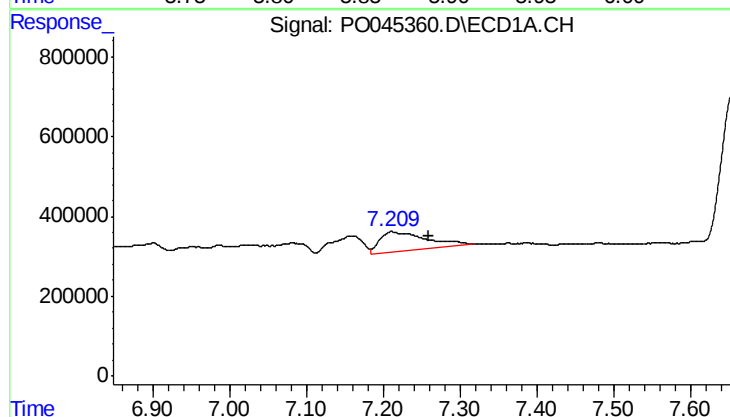
R.T.: 6.900 min  
Delta R.T.: -0.009 min  
Response: 4082428  
Conc: 268.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



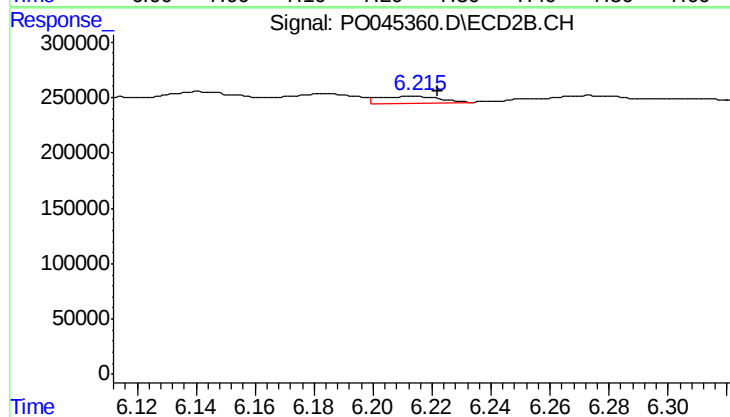
#32 AR-1260-2

R.T.: 5.880 min  
Delta R.T.: 0.004 min  
Response: 1227067  
Conc: 58.08 ng/ml



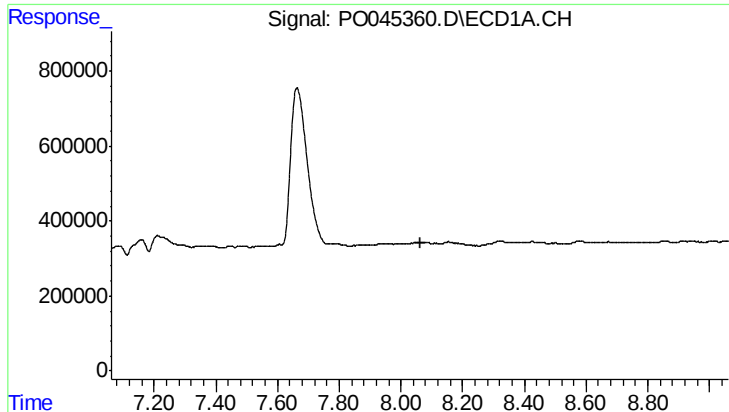
#33 AR-1260-3

R.T.: 7.211 min  
Delta R.T.: -0.049 min  
Response: 1992022  
Conc: 156.91 ng/ml



#33 AR-1260-3

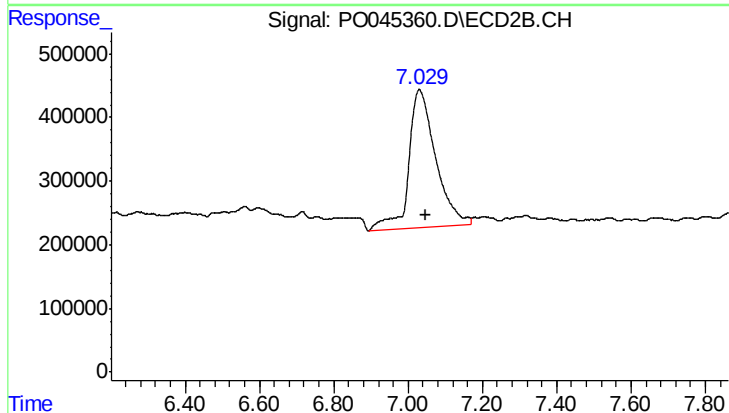
R.T.: 6.214 min  
Delta R.T.: -0.008 min  
Response: 96714  
Conc: 5.11 ng/ml



#35 AR-1260-5

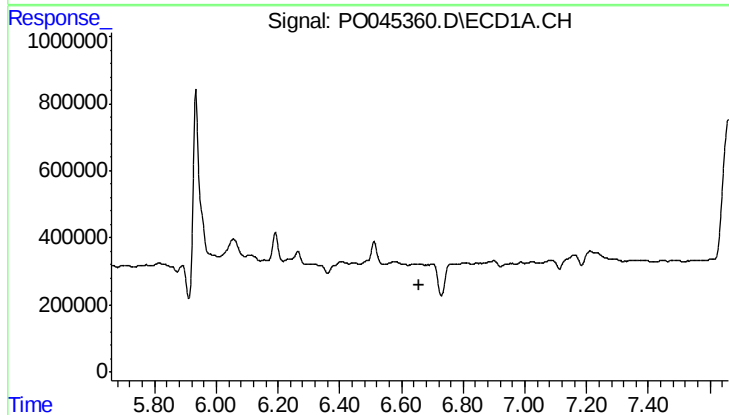
R.T.: 0.000 min  
Exp R.T.: 8.062 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



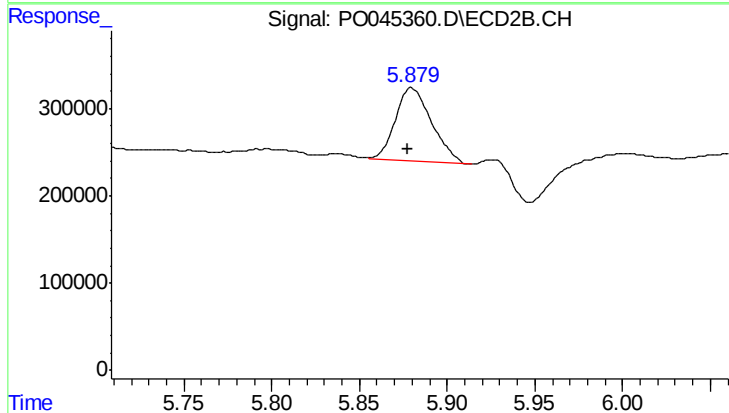
#35 AR-1260-5

R.T.: 7.030 min  
Delta R.T.: -0.017 min  
Response: 10947631  
Conc: 397.75 ng/ml



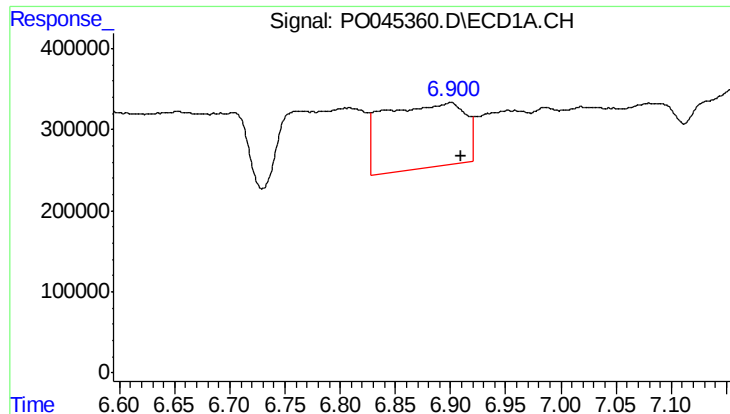
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 6.660 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

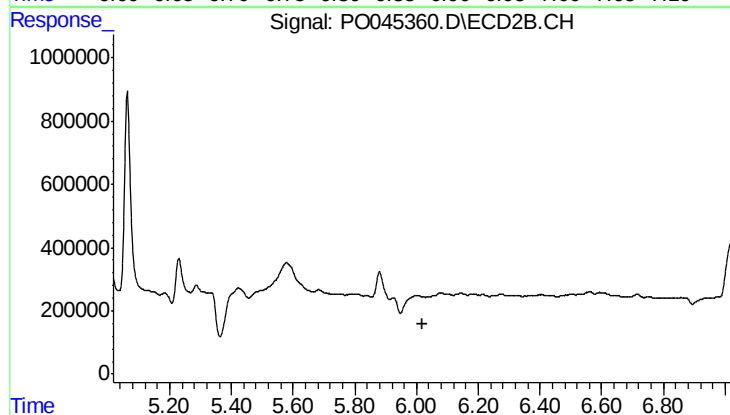
R.T.: 5.880 min  
Delta R.T.: 0.003 min  
Response: 1227067  
Conc: 64.82 ng/ml



#37 AR-1262-2

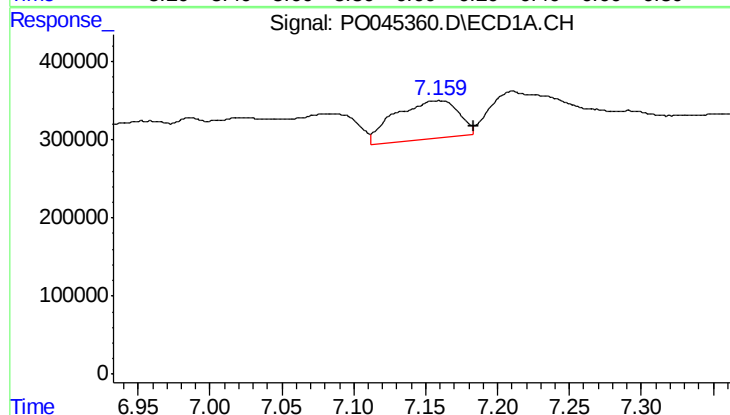
R.T.: 6.900 min  
Delta R.T.: -0.009 min  
Response: 4082428  
Conc: 296.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



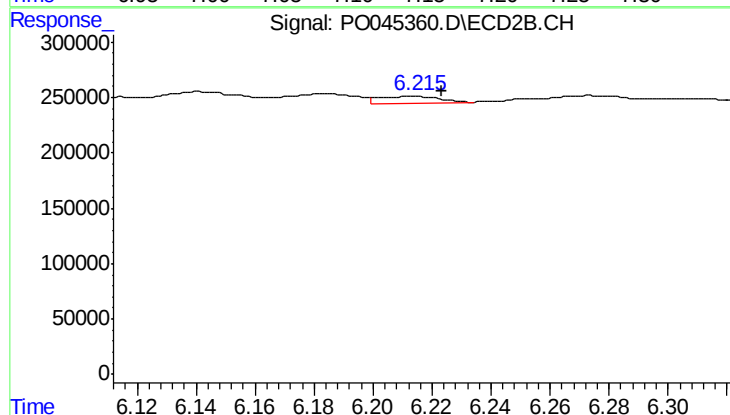
#37 AR-1262-2

R.T.: 5.999 min  
Delta R.T.: -0.018 min  
Response: -552835  
Conc: N.D.



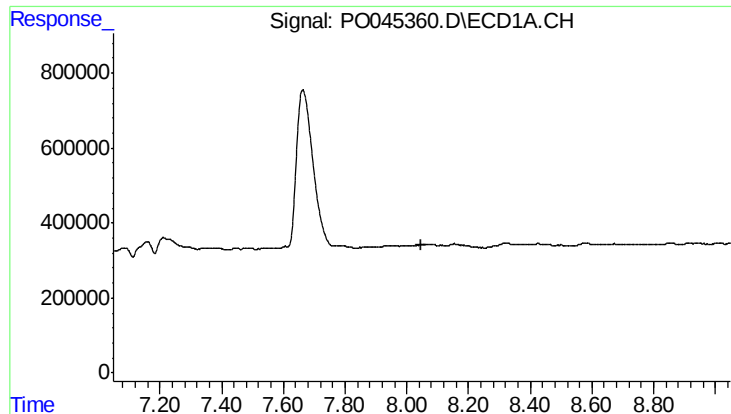
#38 AR-1262-3

R.T.: 7.159 min  
Delta R.T.: -0.025 min  
Response: 1485264  
Conc: 116.56 ng/ml



#38 AR-1262-3

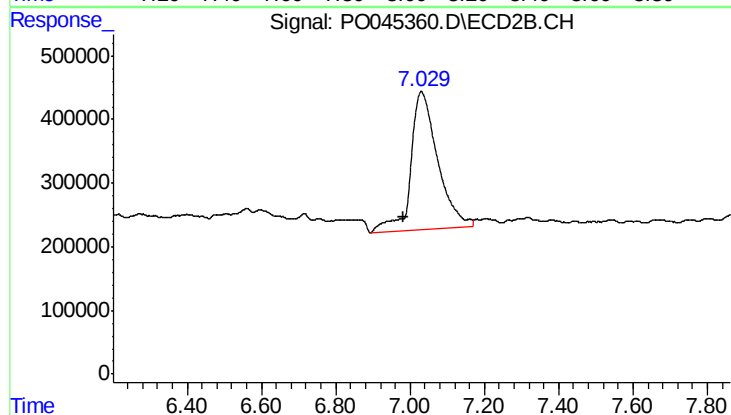
R.T.: 6.214 min  
Delta R.T.: -0.009 min  
Response: 96714  
Conc: 3.15 ng/ml



#41 AR-1268-1

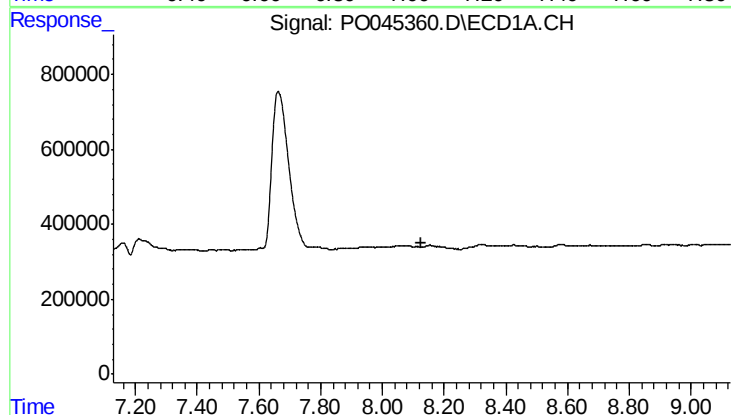
R.T.: 0.000 min  
Exp R.T.: 8.049 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



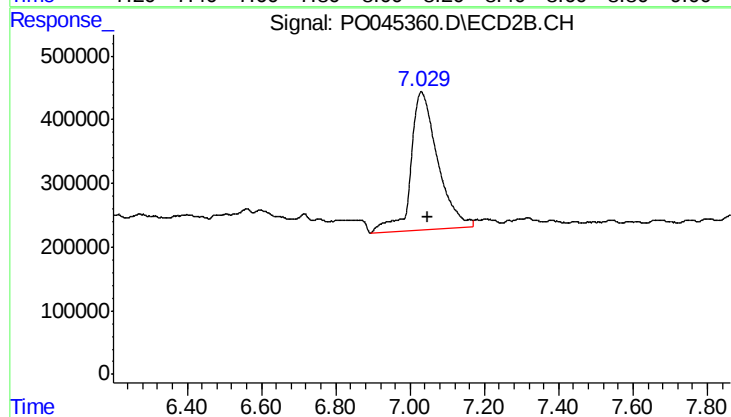
#41 AR-1268-1

R.T.: 7.030 min  
Delta R.T.: 0.048 min  
Response: 10947631  
Conc: 198.41 ng/ml



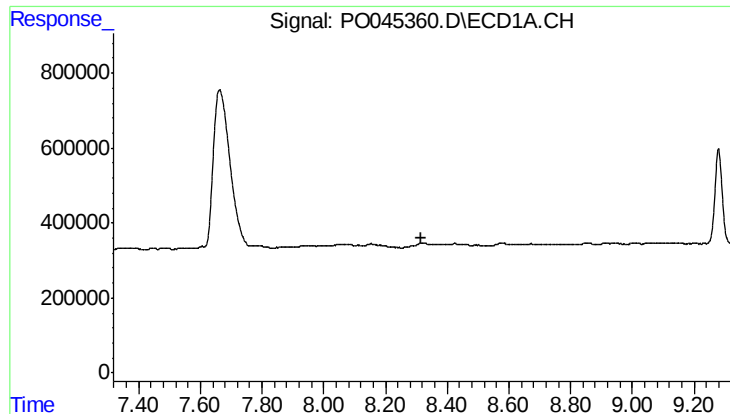
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.128 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

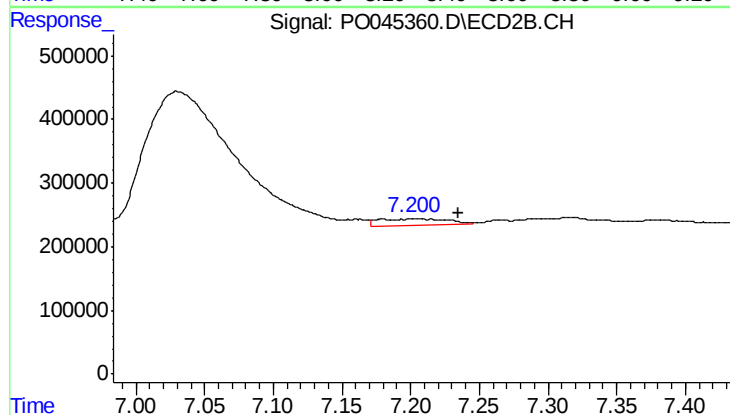
R.T.: 7.030 min  
Delta R.T.: -0.019 min  
Response: 10947631  
Conc: 214.40 ng/ml



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 8.318 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
052418-SIDI-E-D-B



#43 AR-1268-3

R.T.: 7.202 min  
Delta R.T.: -0.032 min  
Response: 381128  
Conc: 8.61 ng/ml