

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0071918\  
 Data File : P0046917.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 19 Jul 2018 6:34  
 Operator : SM/SJ  
 Sample : J4016-08  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 SB3-U-23-13

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 19 08:50:29 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0071918.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jul 19 01:07:21 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...          | 4.191 | 3.516 | 4963695 | 5084600 | 17.273  | 16.657     |
| 2) SA Decachlor...          | 9.711 | 8.439 | 3029834 | 3058509 | 13.775  | 12.491     |
| Target Compounds            |       |       |         |         |         |            |
| 3) L1 AR-1016-1             | 5.046 | 4.390 | 1541043 | 4910245 | 239.710 | 676.495 #  |
| 4) L1 AR-1016-2             | 0.000 | 4.772 | 0       | 1409708 | N.D.    | 176.354 #  |
| 5) L1 AR-1016-3             | 0.000 | 4.821 | 0       | 1813127 | N.D.    | 313.823 #  |
| 6) L1 AR-1016-4             | 5.833 | 4.875 | 567947  | 1504859 | 86.308  | 215.390 #  |
| 7) L1 AR-1016-5             | 0.000 | 5.015 | 0       | 634558  | N.D.    | 81.475 #   |
| 8) L2 AR-1221-1             | 4.393 | 3.732 | 2891    | 879010  | 0.782   | 220.133 #  |
| 9) L2 AR-1221-2             | 0.000 | 3.802 | 0       | 2462287 | N.D.    | 856.027 #  |
| 12) L3 AR-1232-2            | 5.339 | 4.534 | 675367  | 5178121 | 174.680 | 1164.431 # |
| 13) L3 AR-1232-3            | 5.339 | 4.668 | 675367  | 3456242 | 121.822 | 557.639 #  |
| 14) L3 AR-1232-4            | 0.000 | 4.668 | 0       | 3456242 | N.D.    | 813.237 #  |
| 15) L3 AR-1232-5            | 0.000 | 4.821 | 0       | 1813127 | N.D.    | 825.771 #  |
| 16) L4 AR-1242-1            | 5.339 | 4.668 | 675367  | 3456242 | 59.275  | 280.513 #  |
| 17) L4 AR-1242-2            | 0.000 | 4.772 | 0       | 1409708 | N.D.    | 205.812 #  |
| 18) L4 AR-1242-3            | 0.000 | 4.875 | 0       | 1504859 | N.D.    | 239.152 #  |
| 19) L4 AR-1242-4            | 5.833 | 5.015 | 567947  | 634558  | 99.490  | 89.728     |
| 20) L4 AR-1242-5            | 0.000 | 5.203 | 0       | 2231242 | N.D.    | 347.331 #  |
| 21) L5 AR-1248-1            | 5.833 | 5.015 | 567947  | 634558  | 62.839  | 58.137     |
| 22) L5 AR-1248-2            | 0.000 | 5.203 | 0       | 2231242 | N.D.    | 271.372 #  |
| 23) L5 AR-1248-3            | 0.000 | 5.342 | 0       | 1032685 | N.D.    | 63.837 #   |
| 24) L5 AR-1248-4            | 0.000 | 5.427 | 0       | 457148  | N.D.    | 40.343 #   |
| 25) L5 AR-1248-5            | 6.488 | 5.907 | 2590614 | 1669279 | 372.448 | 219.027 #  |
| 26) L6 AR-1254-1            | 0.000 | 5.342 | 0       | 1032685 | N.D.    | 62.151 #   |
| 27) L6 AR-1254-2            | 6.666 | 5.520 | 616446  | 197040  | 64.726  | 13.850 #   |
| 28) L6 AR-1254-3            | 6.758 | 5.907 | 951314  | 1669279 | 58.148  | 69.702     |
| 29) L6 AR-1254-4            | 0.000 | 6.126 | 0       | 2963522 | N.D.    | 180.873 #  |
| 30) L6 AR-1254-5            | 0.000 | 6.439 | 0       | 1061362 | N.D.    | 93.431 #   |
| 31) L7 AR-1260-1            | 6.918 | 6.053 | 1274446 | 1670159 | 107.500 | 104.612    |
| 32) L7 AR-1260-2            | 7.127 | 6.228 | 4116104 | 2943201 | 294.402 | 139.929 #  |
| 33) L7 AR-1260-3            | 0.000 | 6.557 | 0       | 633121  | N.D.    | 28.662 #   |
| 35) L7 AR-1260-5            | 0.000 | 7.447 | 0       | 978973  | N.D.    | 38.591 #   |
| 36) L8 AR-1262-1            | 6.918 | 6.228 | 1274446 | 2943201 | 123.876 | 166.703 #  |
| 37) L8 AR-1262-2            | 7.127 | 6.385 | 4116104 | 1335308 | 344.510 | 80.150 #   |
| 38) L8 AR-1262-3            | 0.000 | 6.557 | 0       | 633121  | N.D.    | 25.145 #   |
| 42) L9 AR-1268-2            | 0.000 | 7.447 | 0       | 978973  | N.D.    | 24.369 #   |
| 43) L9 AR-1268-3            | 0.000 | 7.643 | 0       | 830808  | N.D.    | 25.046 #   |
| 45) L9 AR-1268-5            | 0.000 | 8.202 | 0       | 251737  | N.D.    | 2.884 #    |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0071918\  
Data File : P0046917.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 19 Jul 2018 6:34  
Operator : SM/SJ  
Sample : J4016-08  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13

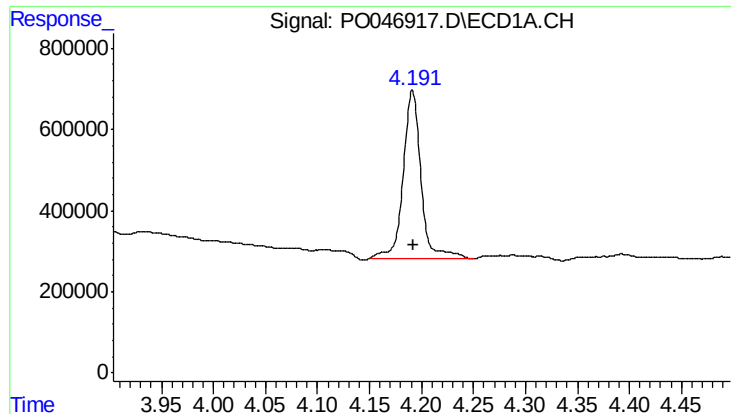
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 19 08:50:29 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0071918.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Jul 19 01:07:21 2018  
Response via : Initial Calibration  
Integrator: 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.

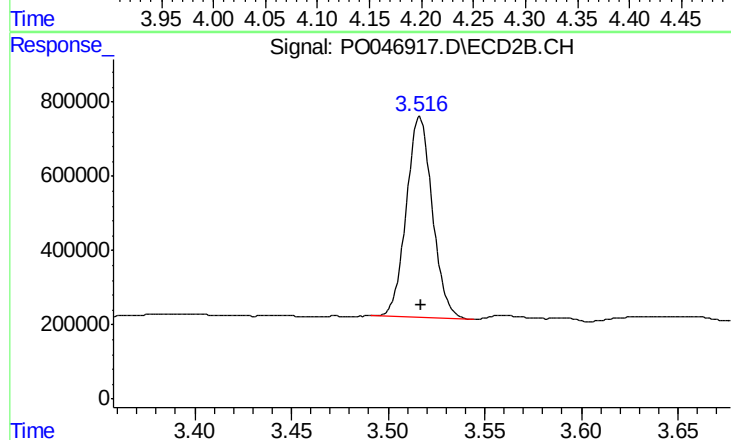




#1 Tetrachloro-m-xylene

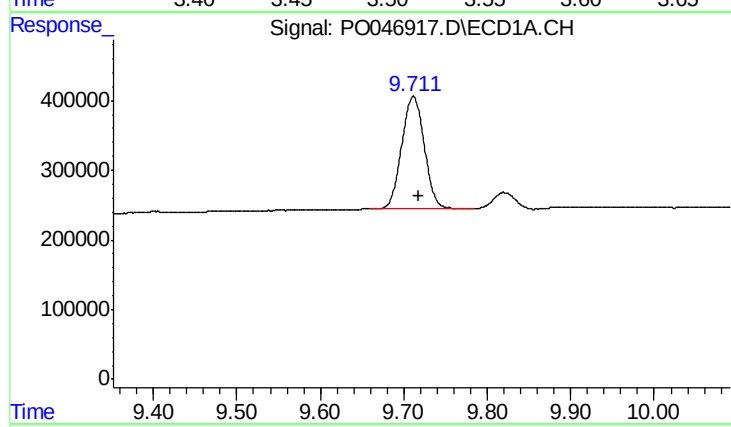
R.T.: 4.191 min  
Delta R.T.: -0.002 min  
Response: 4963695  
Conc: 17.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



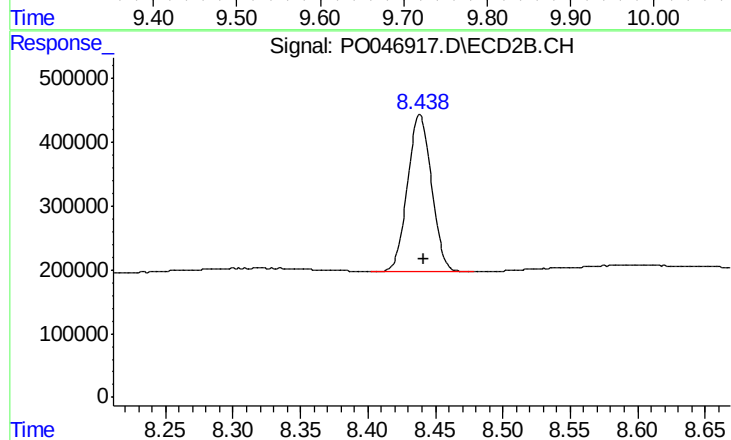
#1 Tetrachloro-m-xylene

R.T.: 3.516 min  
Delta R.T.: 0.000 min  
Response: 5084600  
Conc: 16.66 ng/ml



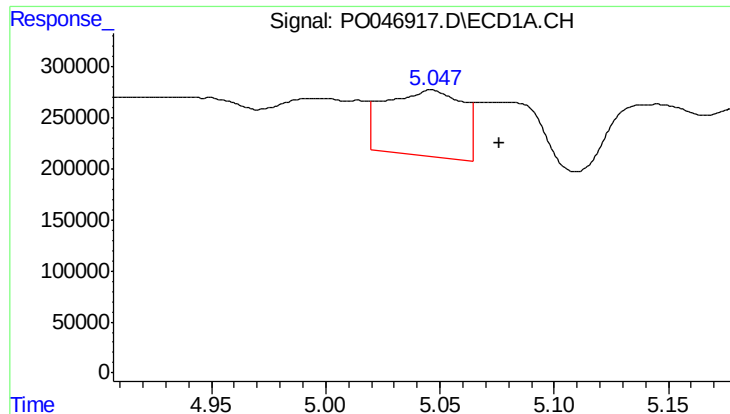
#2 Decachlorobiphenyl

R.T.: 9.711 min  
Delta R.T.: -0.006 min  
Response: 3029834  
Conc: 13.78 ng/ml



#2 Decachlorobiphenyl

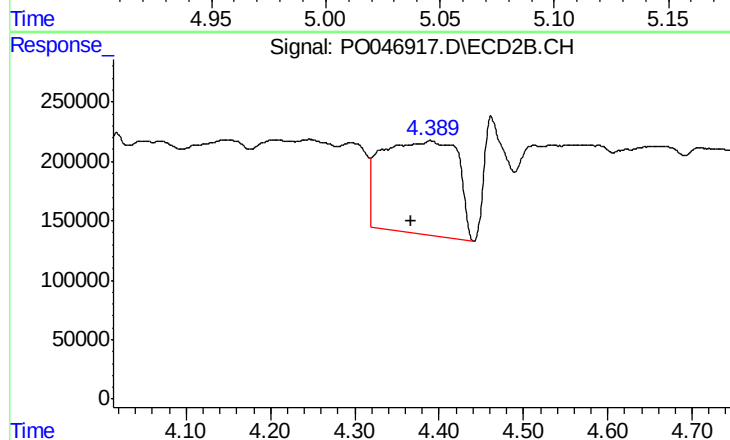
R.T.: 8.439 min  
Delta R.T.: -0.003 min  
Response: 3058509  
Conc: 12.49 ng/ml



#3 AR-1016-1

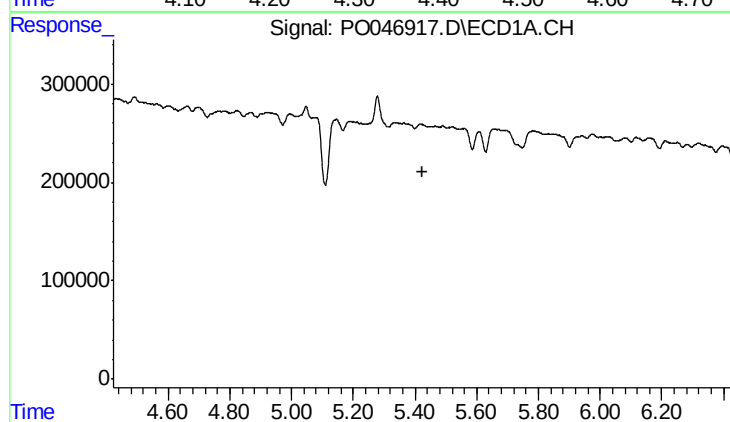
R.T.: 5.046 min  
Delta R.T.: -0.029 min  
Response: 1541043  
Conc: 239.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



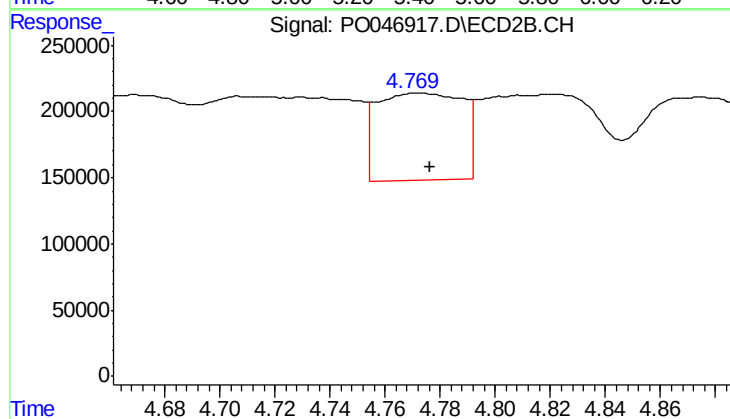
#3 AR-1016-1

R.T.: 4.390 min  
Delta R.T.: 0.023 min  
Response: 4910245  
Conc: 676.50 ng/ml



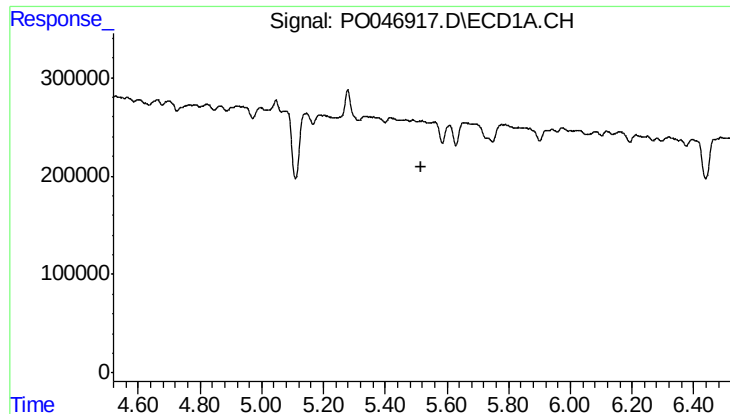
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.423 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

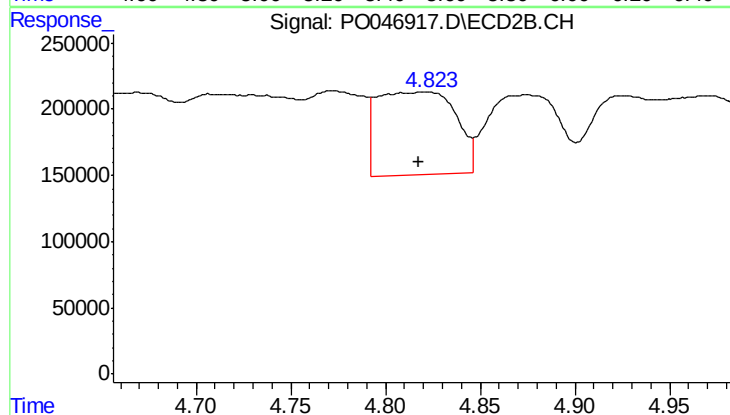
R.T.: 4.772 min  
Delta R.T.: -0.004 min  
Response: 1409708  
Conc: 176.35 ng/ml



#5 AR-1016-3

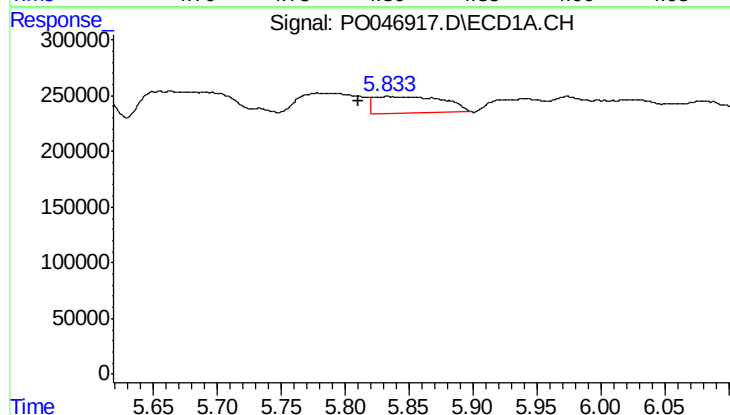
R.T.: 0.000 min  
Exp R.T.: 5.519 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



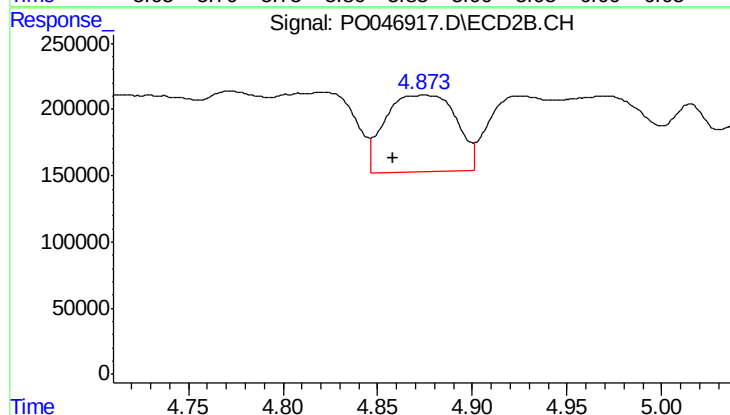
#5 AR-1016-3

R.T.: 4.821 min  
Delta R.T.: 0.004 min  
Response: 1813127  
Conc: 313.82 ng/ml



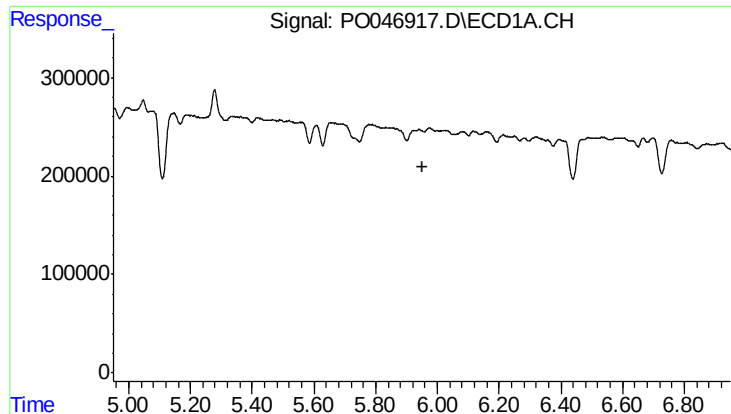
#6 AR-1016-4

R.T.: 5.833 min  
Delta R.T.: 0.023 min  
Response: 567947  
Conc: 86.31 ng/ml



#6 AR-1016-4

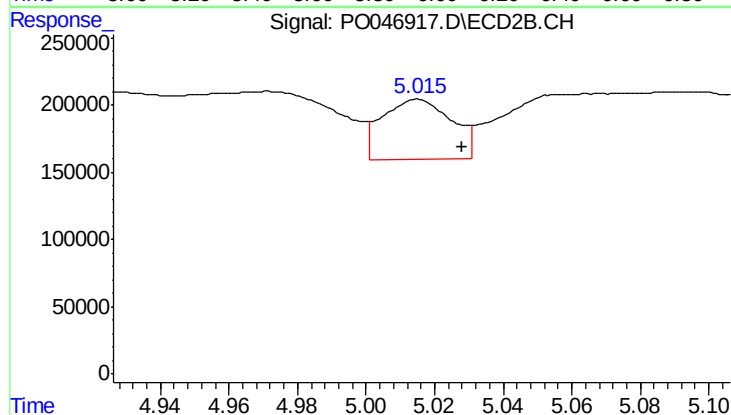
R.T.: 4.875 min  
Delta R.T.: 0.016 min  
Response: 1504859  
Conc: 215.39 ng/ml



#7 AR-1016-5

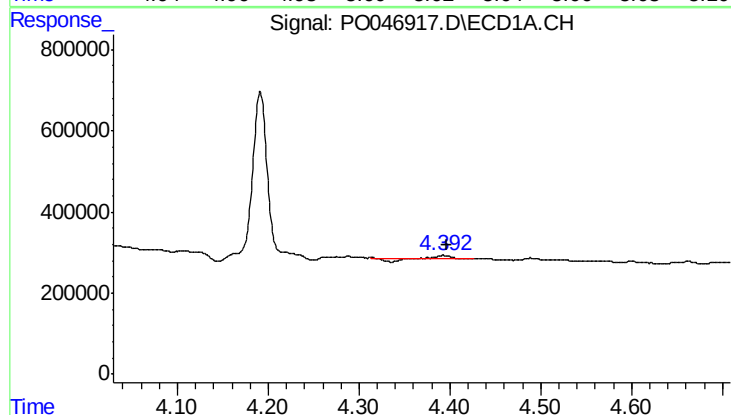
R.T.: 0.000 min  
Exp R.T.: 5.950 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



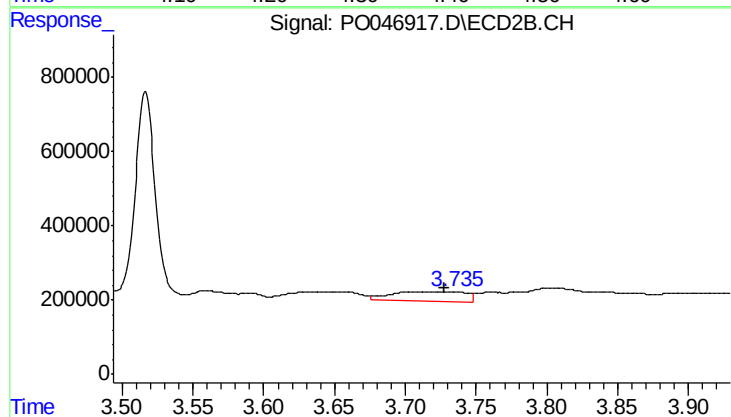
#7 AR-1016-5

R.T.: 5.015 min  
Delta R.T.: -0.013 min  
Response: 634558  
Conc: 81.48 ng/ml



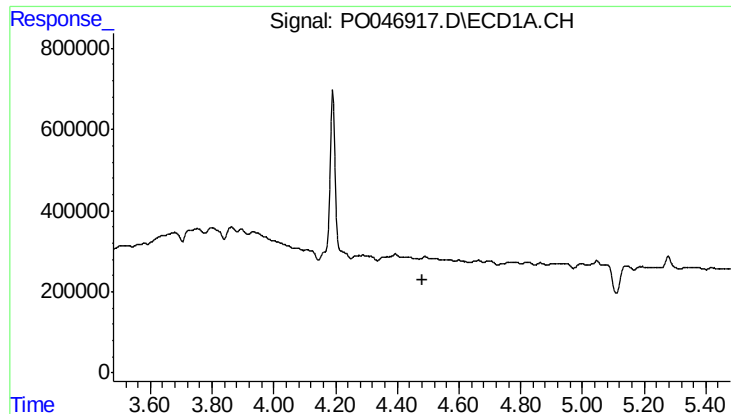
#8 AR-1221-1

R.T.: 4.393 min  
Delta R.T.: -0.003 min  
Response: 2891  
Conc: 0.78 ng/ml



#8 AR-1221-1

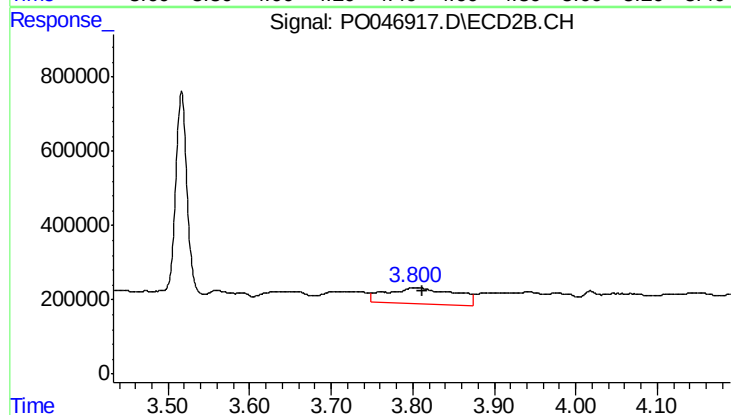
R.T.: 3.732 min  
Delta R.T.: 0.005 min  
Response: 879010  
Conc: 220.13 ng/ml



#9 AR-1221-2

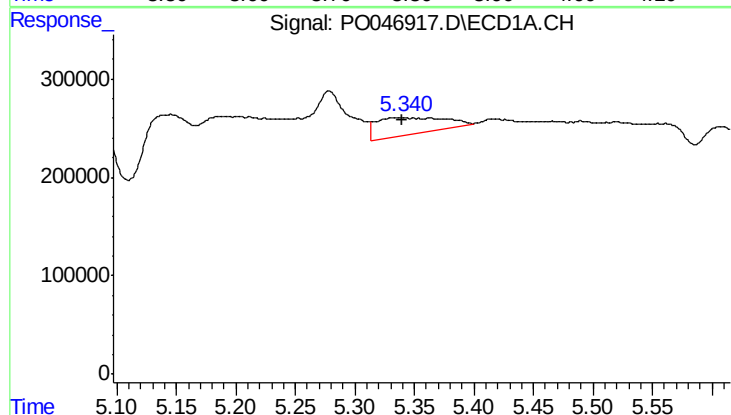
R.T.: 0.000 min  
Exp R.T.: 4.480 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



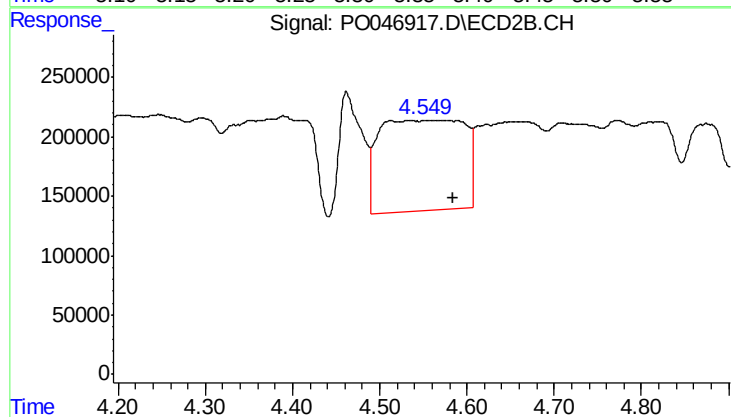
#9 AR-1221-2

R.T.: 3.802 min  
Delta R.T.: -0.009 min  
Response: 2462287  
Conc: 856.03 ng/ml



#12 AR-1232-2

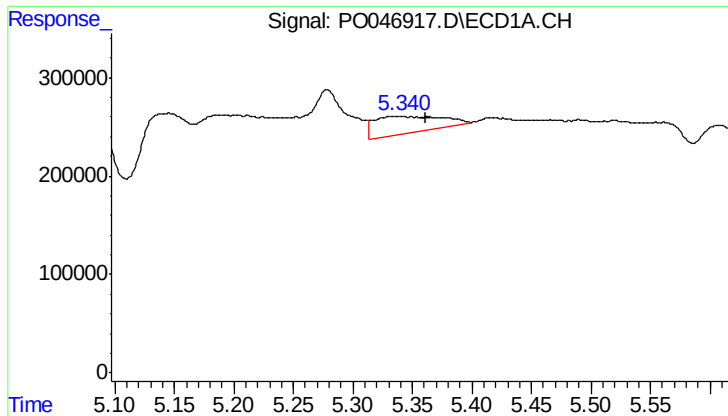
R.T.: 5.339 min  
Delta R.T.: 0.000 min  
Response: 675367  
Conc: 174.68 ng/ml



#12 AR-1232-2

R.T.: 4.534 min  
Delta R.T.: -0.050 min  
Response: 5178121  
Conc: 1164.43 ng/ml

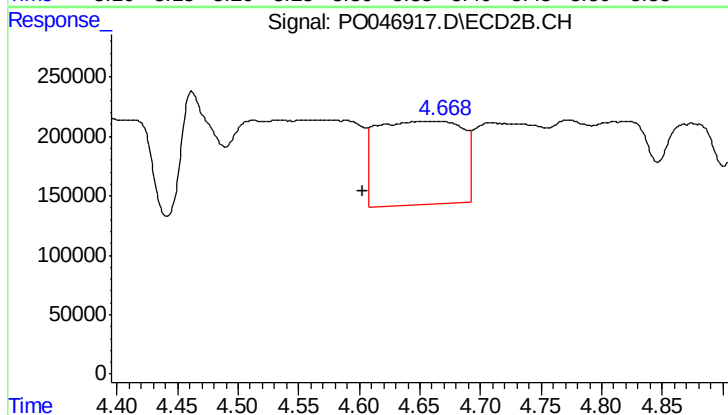




#13 AR-1232-3

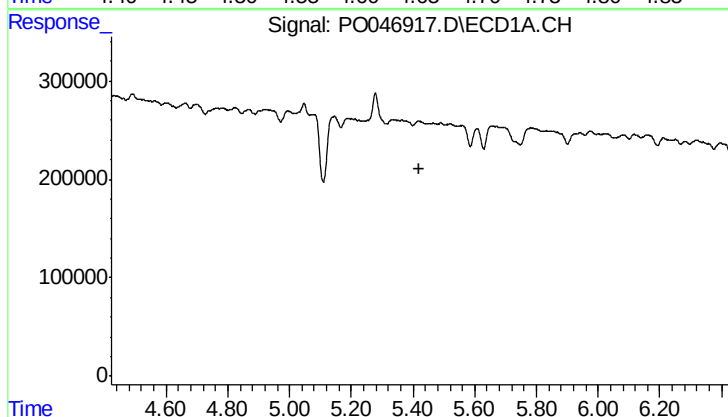
R.T.: 5.339 min  
Delta R.T.: -0.022 min  
Response: 675367  
Conc: 121.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



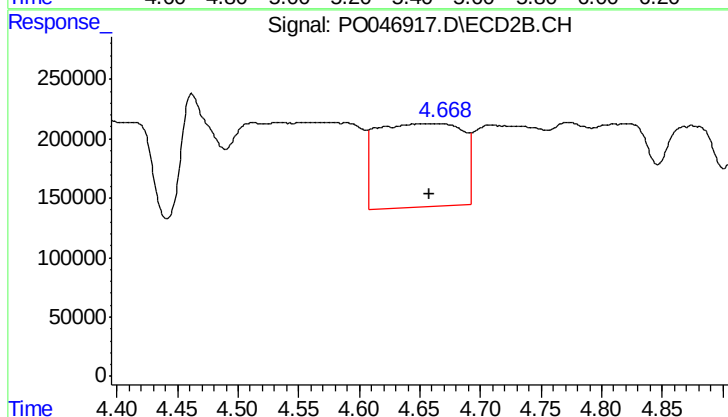
#13 AR-1232-3

R.T.: 4.668 min  
Delta R.T.: 0.066 min  
Response: 3456242  
Conc: 557.64 ng/ml



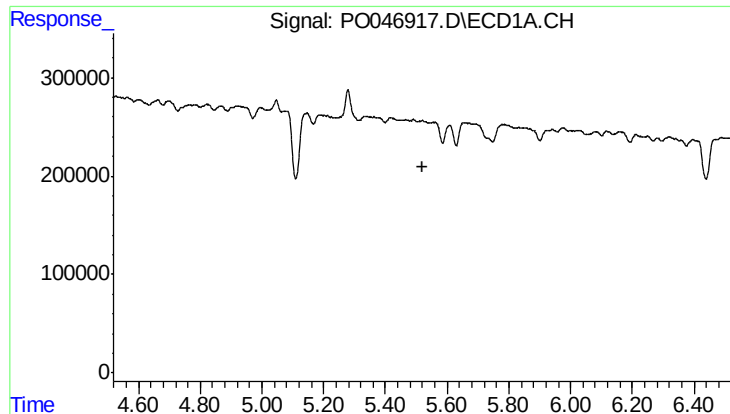
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.422 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

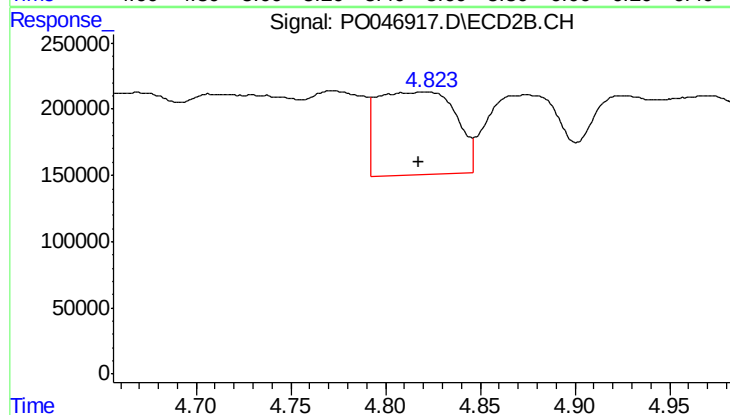
R.T.: 4.668 min  
Delta R.T.: 0.011 min  
Response: 3456242  
Conc: 813.24 ng/ml



#15 AR-1232-5

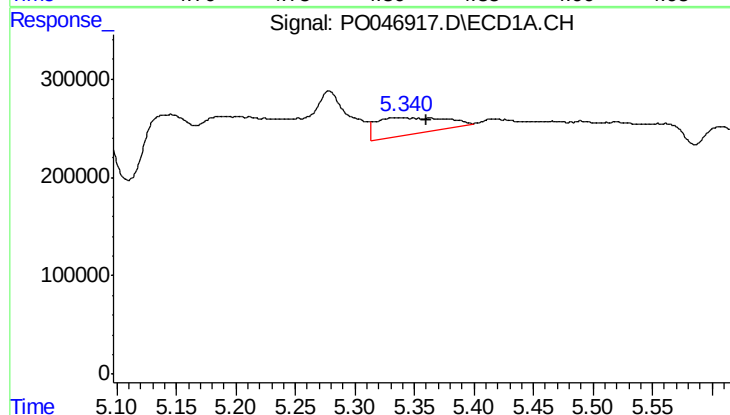
R.T.: 0.000 min  
Exp R.T.: 5.519 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



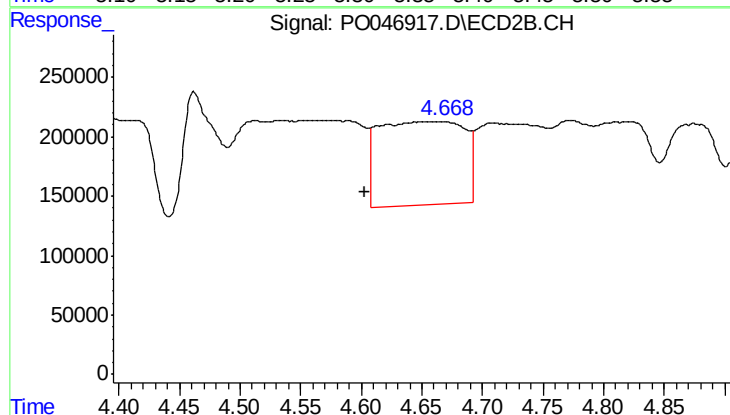
#15 AR-1232-5

R.T.: 4.821 min  
Delta R.T.: 0.004 min  
Response: 1813127  
Conc: 825.77 ng/ml



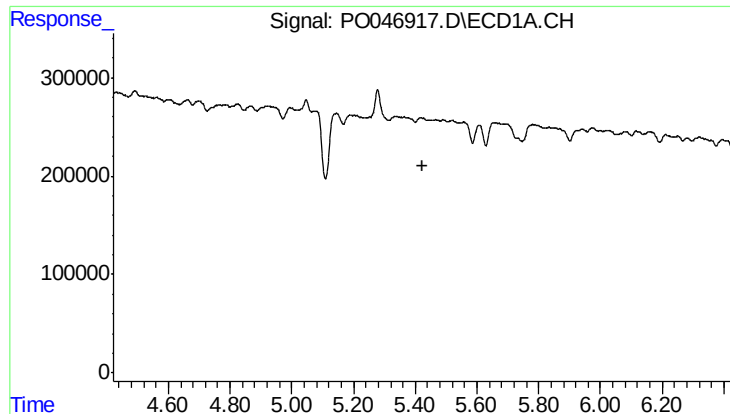
#16 AR-1242-1

R.T.: 5.339 min  
Delta R.T.: -0.022 min  
Response: 675367  
Conc: 59.28 ng/ml



#16 AR-1242-1

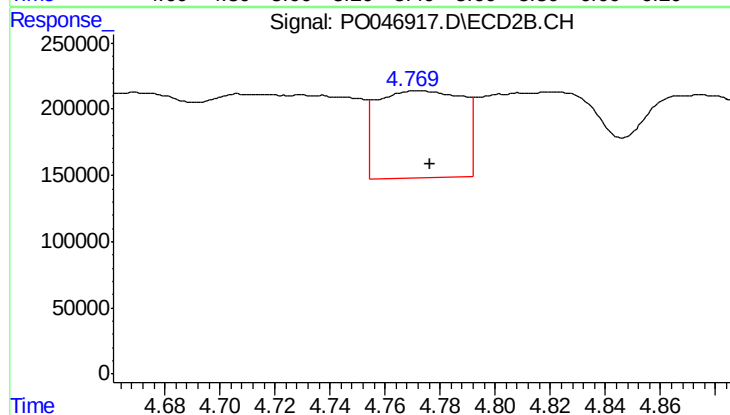
R.T.: 4.668 min  
Delta R.T.: 0.065 min  
Response: 3456242  
Conc: 280.51 ng/ml



#17 AR-1242-2

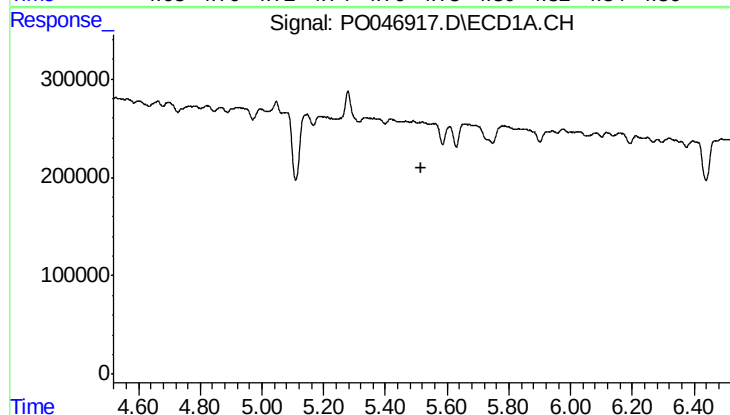
R.T.: 0.000 min  
Exp R.T.: 5.422 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



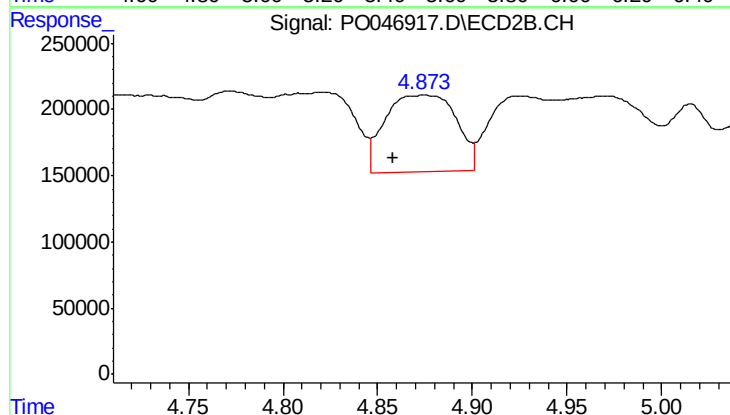
#17 AR-1242-2

R.T.: 4.772 min  
Delta R.T.: -0.004 min  
Response: 1409708  
Conc: 205.81 ng/ml



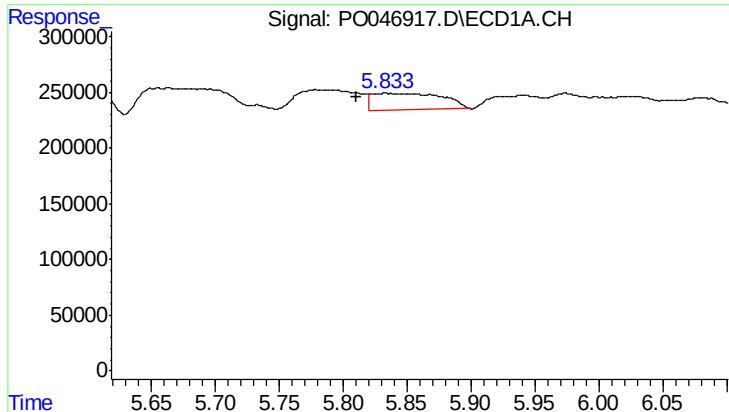
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.518 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

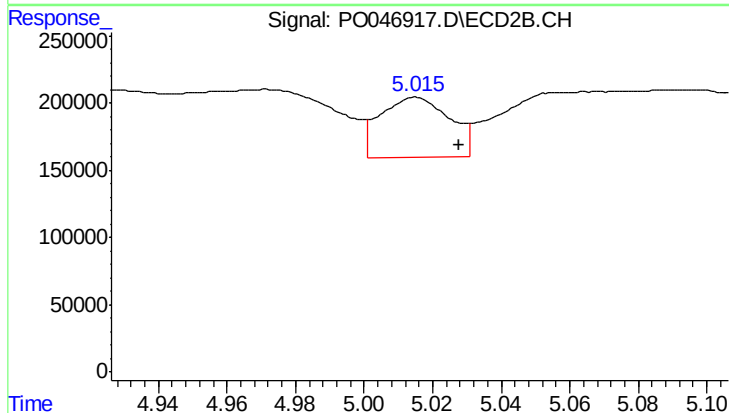
R.T.: 4.875 min  
Delta R.T.: 0.016 min  
Response: 1504859  
Conc: 239.15 ng/ml



#19 AR-1242-4

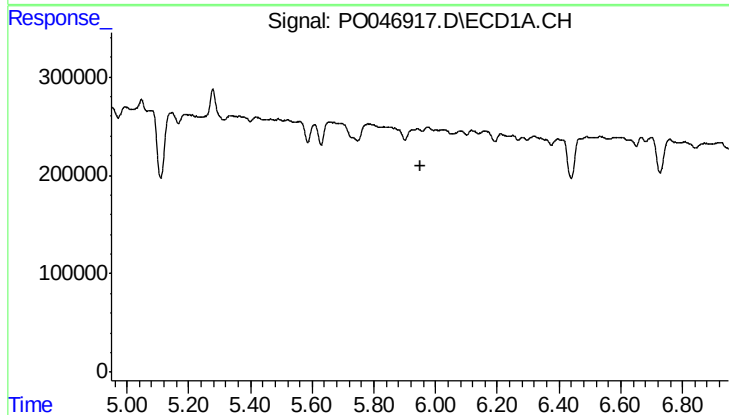
R.T.: 5.833 min  
Delta R.T.: 0.023 min  
Response: 567947  
Conc: 99.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



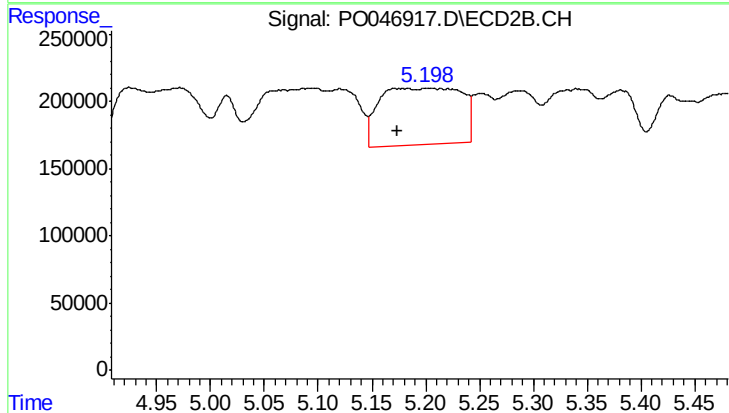
#19 AR-1242-4

R.T.: 5.015 min  
Delta R.T.: -0.013 min  
Response: 634558  
Conc: 89.73 ng/ml



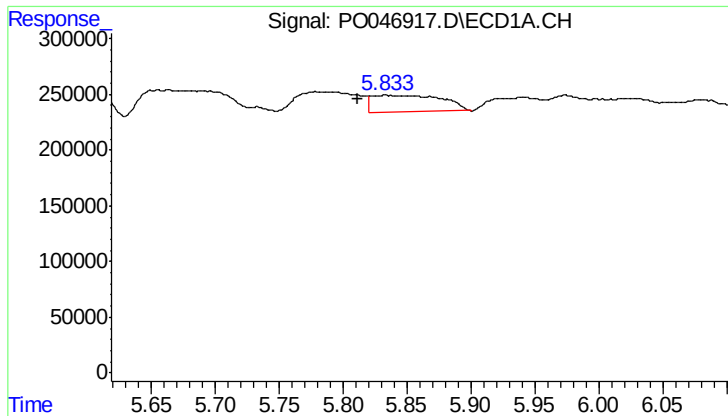
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 5.949 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

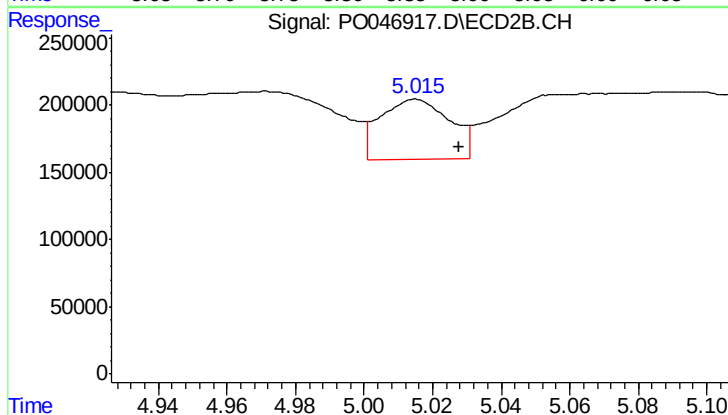
R.T.: 5.203 min  
Delta R.T.: 0.029 min  
Response: 2231242  
Conc: 347.33 ng/ml



#21 AR-1248-1

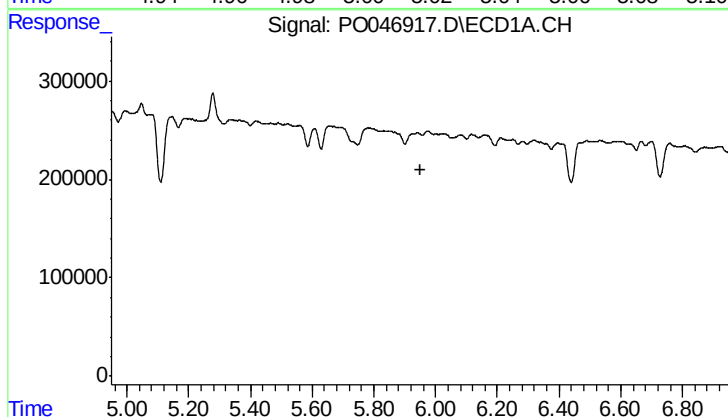
R.T.: 5.833 min  
Delta R.T.: 0.022 min  
Response: 567947  
Conc: 62.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



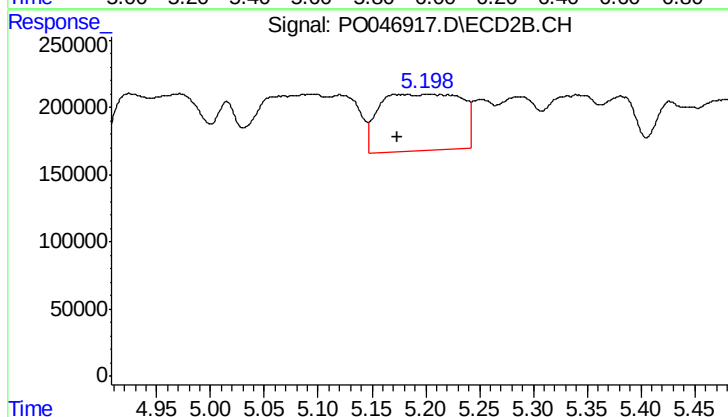
#21 AR-1248-1

R.T.: 5.015 min  
Delta R.T.: -0.013 min  
Response: 634558  
Conc: 58.14 ng/ml



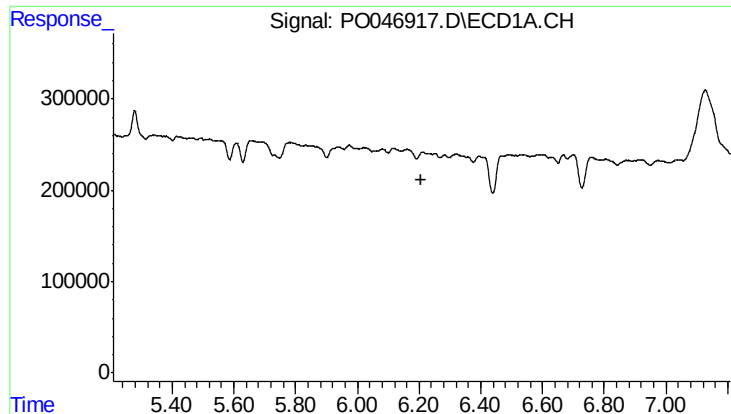
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.949 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

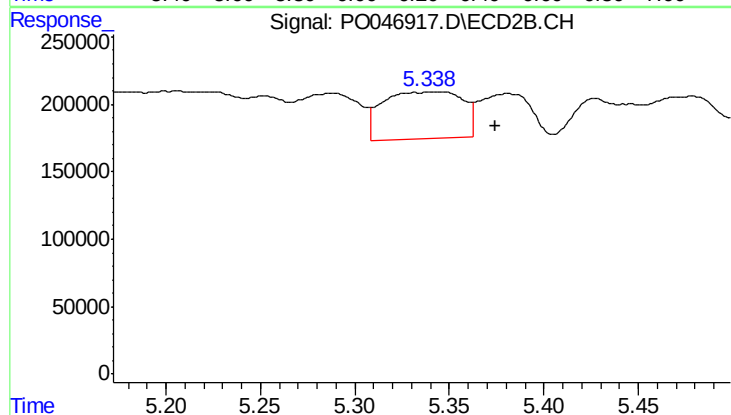
R.T.: 5.203 min  
Delta R.T.: 0.030 min  
Response: 2231242  
Conc: 271.37 ng/ml



#23 AR-1248-3

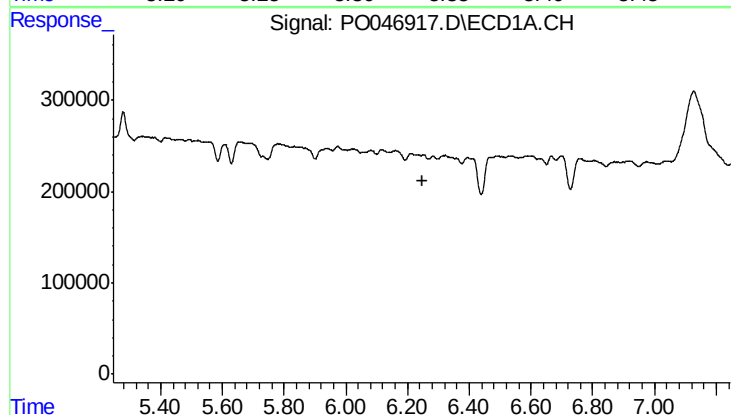
R.T.: 0.000 min  
Exp R.T.: 6.209 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



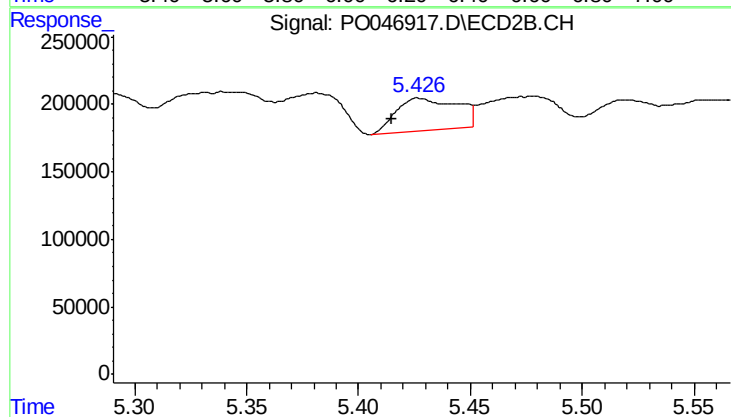
#23 AR-1248-3

R.T.: 5.342 min  
Delta R.T.: -0.033 min  
Response: 1032685  
Conc: 63.84 ng/ml



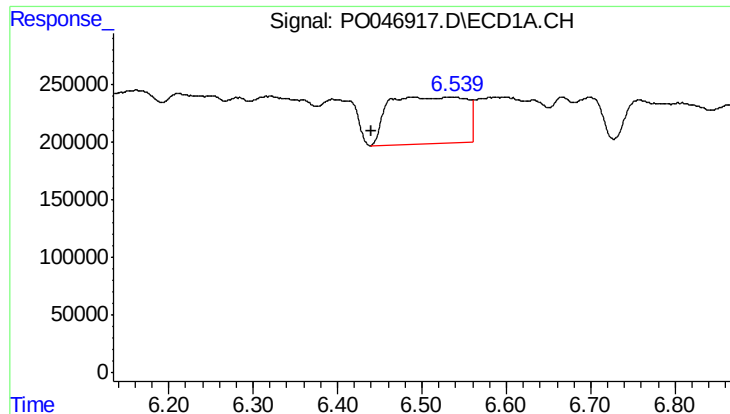
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.247 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

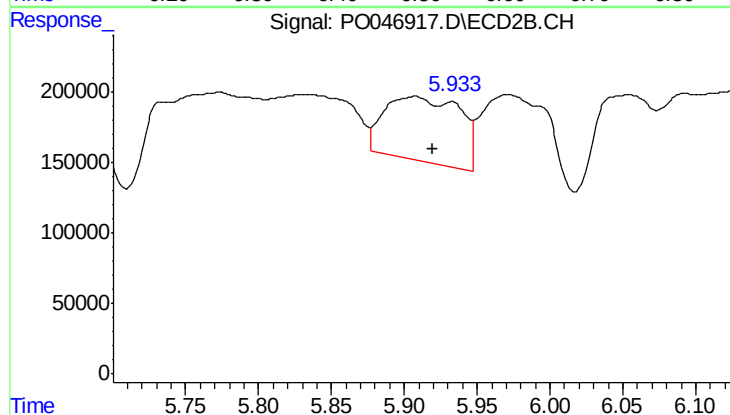
R.T.: 5.427 min  
Delta R.T.: 0.013 min  
Response: 457148  
Conc: 40.34 ng/ml



#25 AR-1248-5

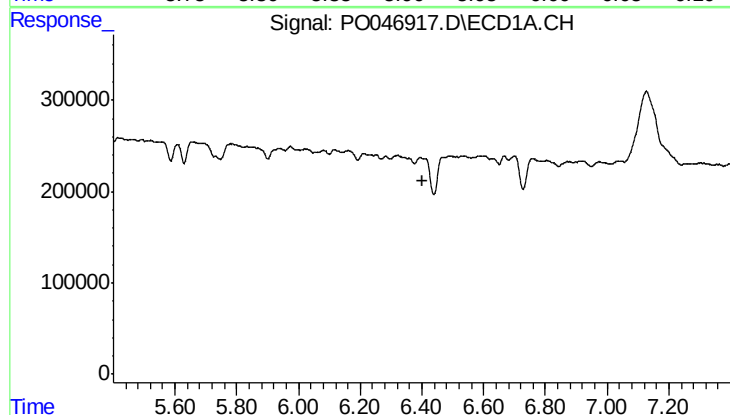
R.T.: 6.488 min  
Delta R.T.: 0.048 min  
Response: 2590614  
Conc: 372.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



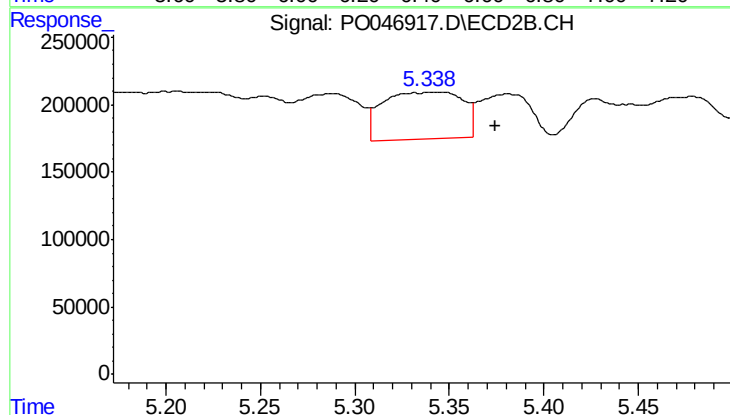
#25 AR-1248-5

R.T.: 5.907 min  
Delta R.T.: -0.013 min  
Response: 1669279  
Conc: 219.03 ng/ml



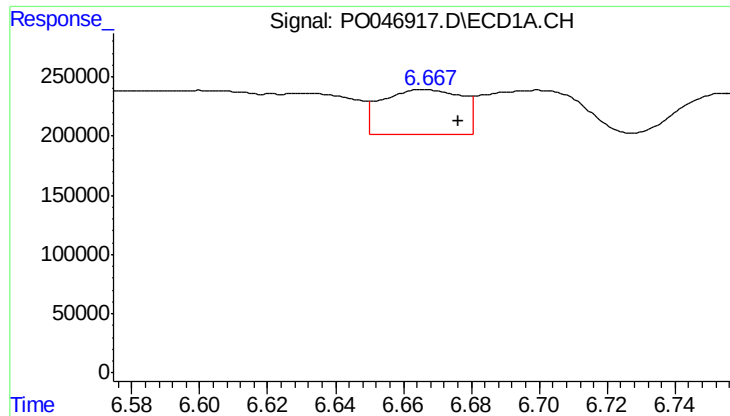
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 6.400 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

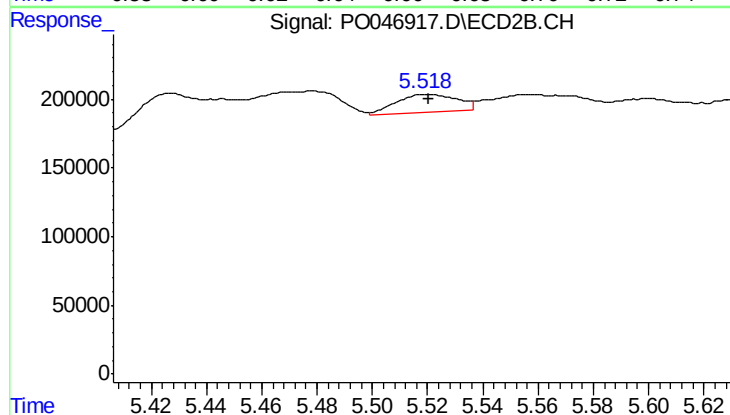
R.T.: 5.342 min  
Delta R.T.: -0.032 min  
Response: 1032685  
Conc: 62.15 ng/ml



#27 AR-1254-2

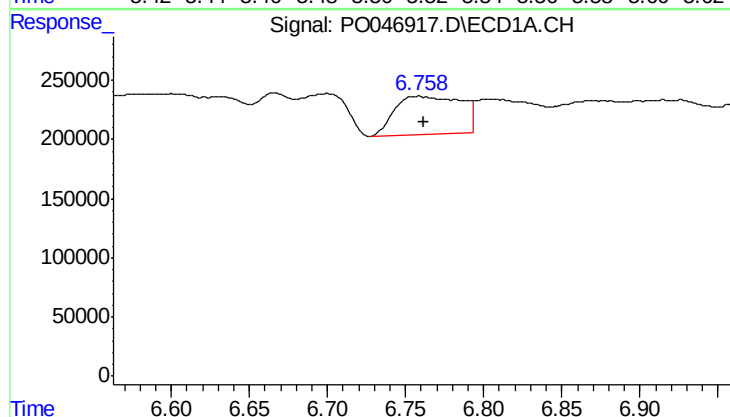
R.T.: 6.666 min  
Delta R.T.: -0.010 min  
Response: 616446  
Conc: 64.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



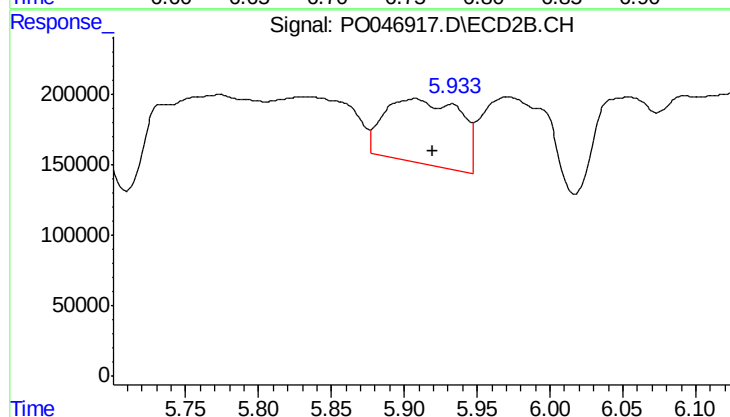
#27 AR-1254-2

R.T.: 5.520 min  
Delta R.T.: 0.000 min  
Response: 197040  
Conc: 13.85 ng/ml



#28 AR-1254-3

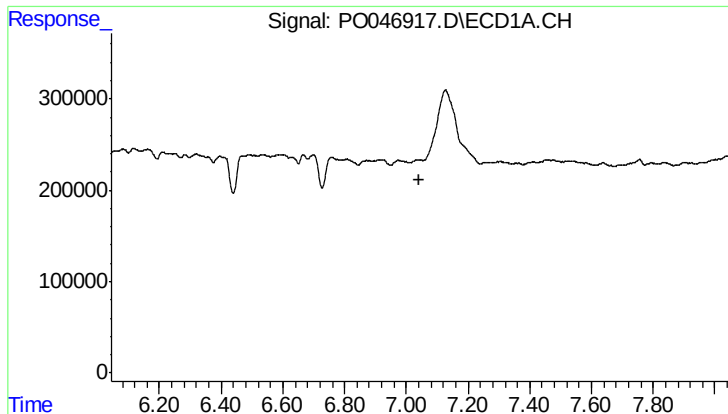
R.T.: 6.758 min  
Delta R.T.: -0.004 min  
Response: 951314  
Conc: 58.15 ng/ml



#28 AR-1254-3

R.T.: 5.907 min  
Delta R.T.: -0.013 min  
Response: 1669279  
Conc: 69.70 ng/ml

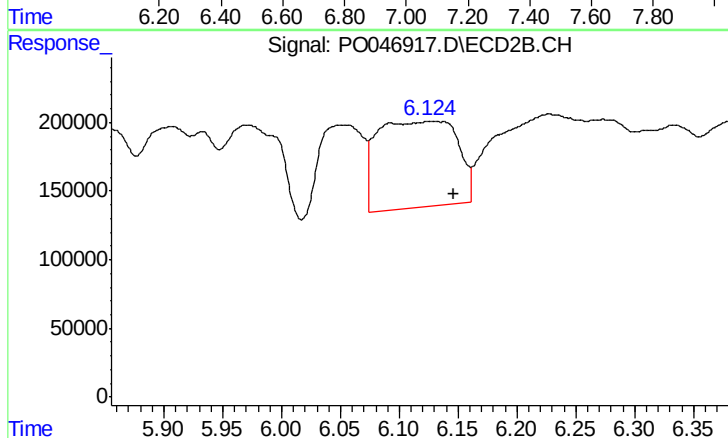




#29 AR-1254-4

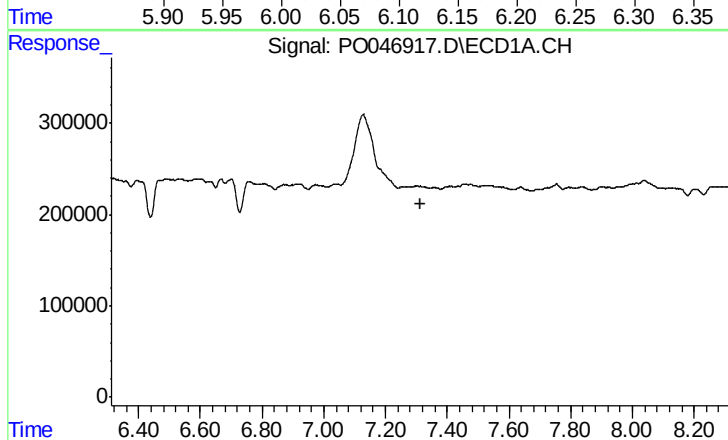
R.T.: 0.000 min  
Exp R.T.: 7.044 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



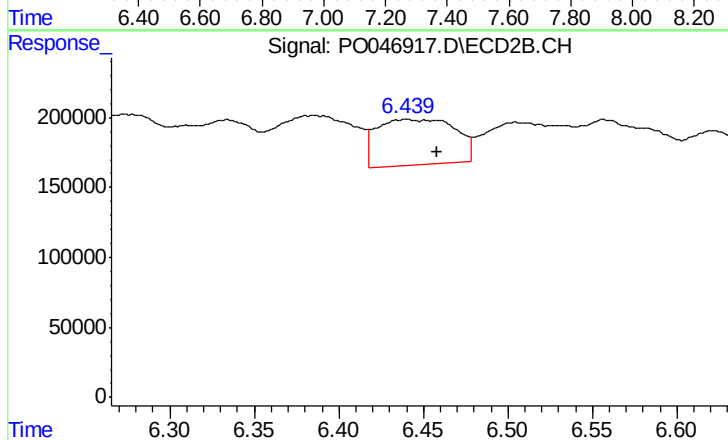
#29 AR-1254-4

R.T.: 6.126 min  
Delta R.T.: -0.020 min  
Response: 2963522  
Conc: 180.87 ng/ml



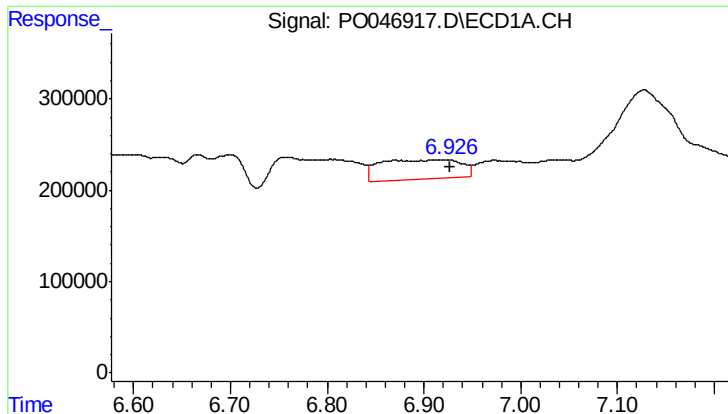
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 7.312 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

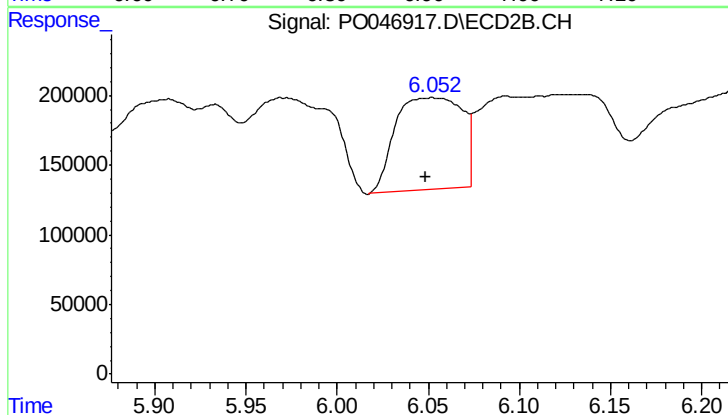
R.T.: 6.439 min  
Delta R.T.: -0.019 min  
Response: 1061362  
Conc: 93.43 ng/ml



#31 AR-1260-1

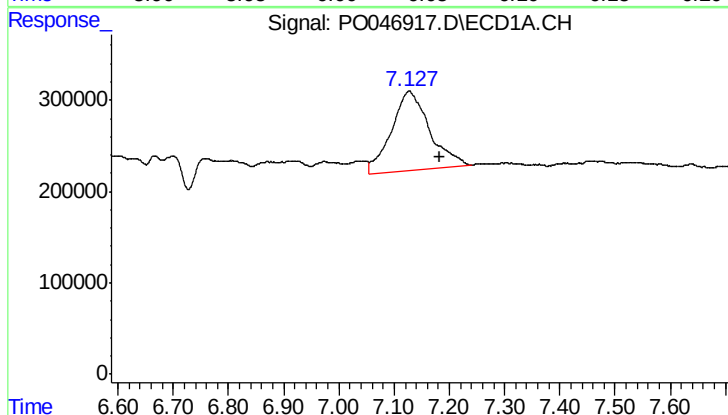
R.T.: 6.918 min  
Delta R.T.: -0.008 min  
Response: 1274446  
Conc: 107.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



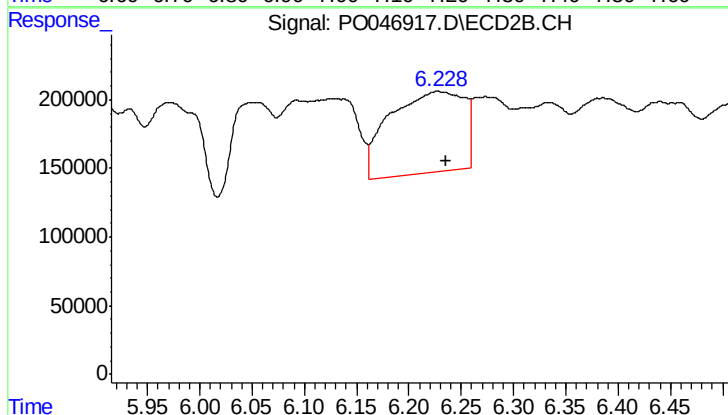
#31 AR-1260-1

R.T.: 6.053 min  
Delta R.T.: 0.004 min  
Response: 1670159  
Conc: 104.61 ng/ml



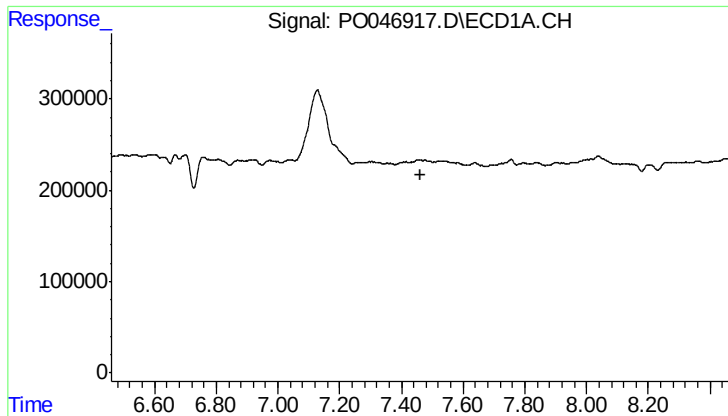
#32 AR-1260-2

R.T.: 7.127 min  
Delta R.T.: -0.055 min  
Response: 4116104  
Conc: 294.40 ng/ml



#32 AR-1260-2

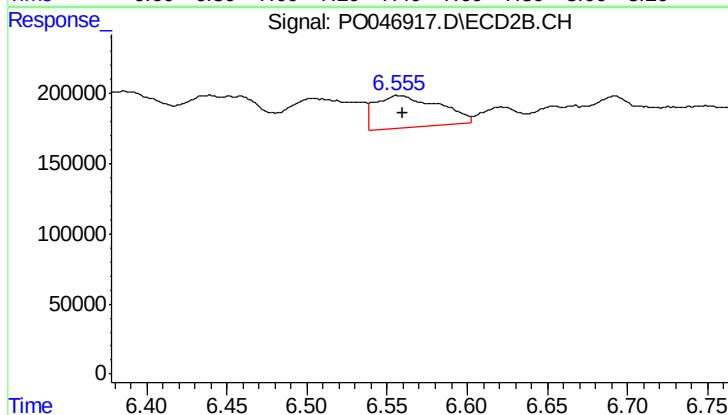
R.T.: 6.228 min  
Delta R.T.: -0.007 min  
Response: 2943201  
Conc: 139.93 ng/ml



#33 AR-1260-3

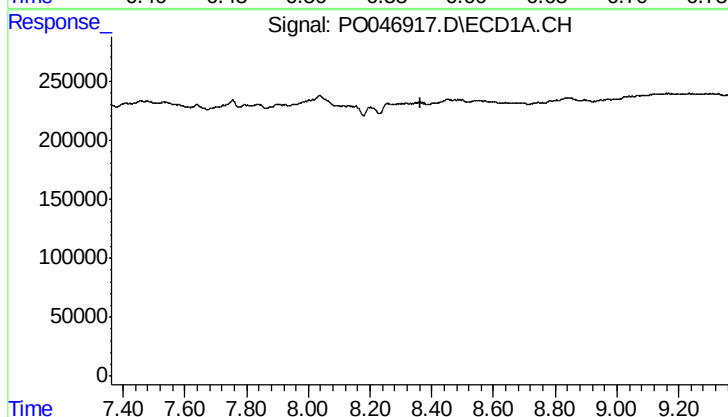
R.T.: 0.000 min  
Exp R.T.: 7.460 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



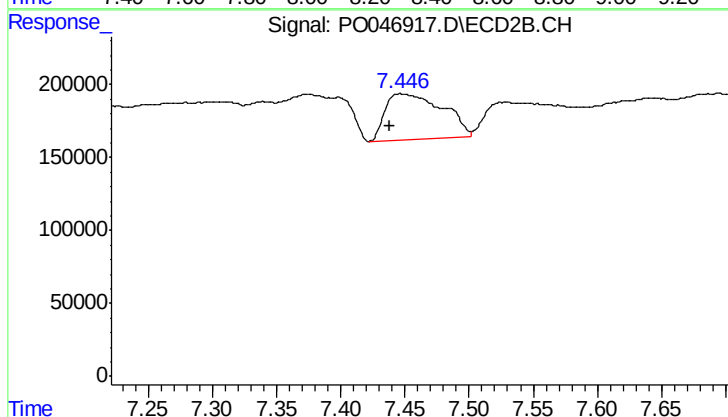
#33 AR-1260-3

R.T.: 6.557 min  
Delta R.T.: -0.002 min  
Response: 633121  
Conc: 28.66 ng/ml



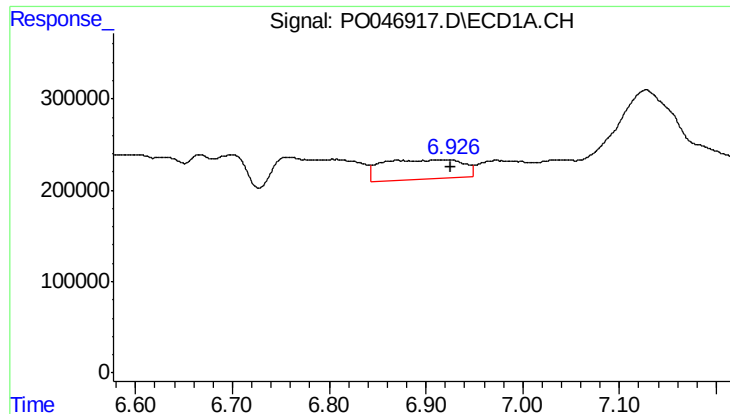
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.362 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

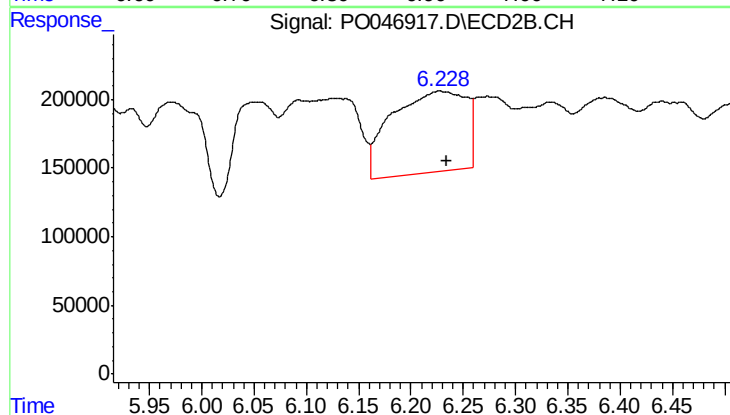
R.T.: 7.447 min  
Delta R.T.: 0.008 min  
Response: 978973  
Conc: 38.59 ng/ml



#36 AR-1262-1

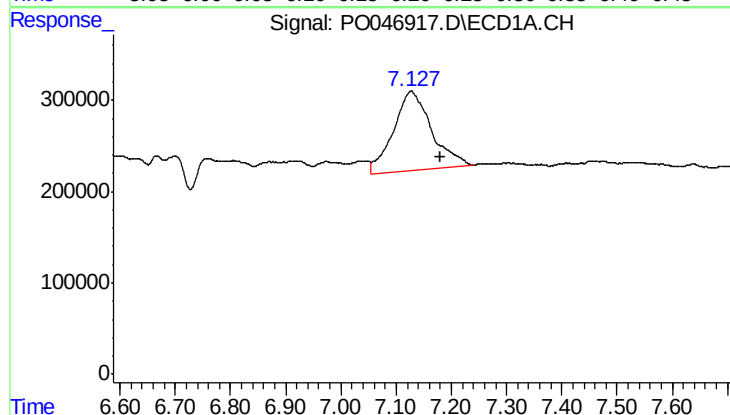
R.T.: 6.918 min  
Delta R.T.: -0.008 min  
Response: 1274446  
Conc: 123.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



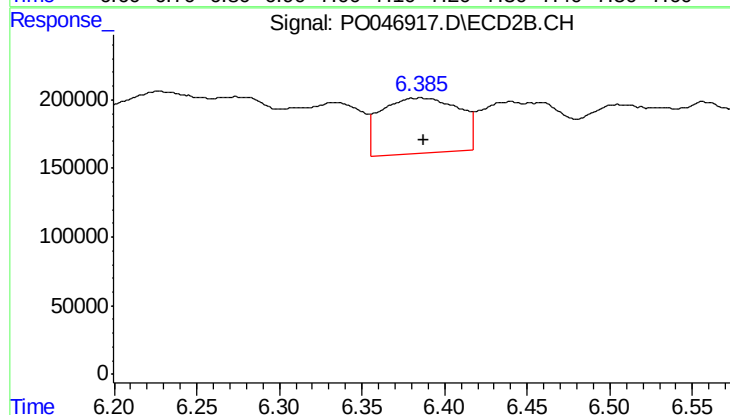
#36 AR-1262-1

R.T.: 6.228 min  
Delta R.T.: -0.006 min  
Response: 2943201  
Conc: 166.70 ng/ml



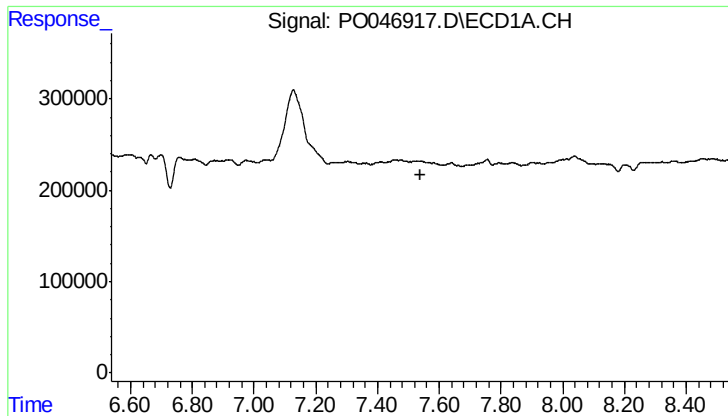
#37 AR-1262-2

R.T.: 7.127 min  
Delta R.T.: -0.054 min  
Response: 4116104  
Conc: 344.51 ng/ml



#37 AR-1262-2

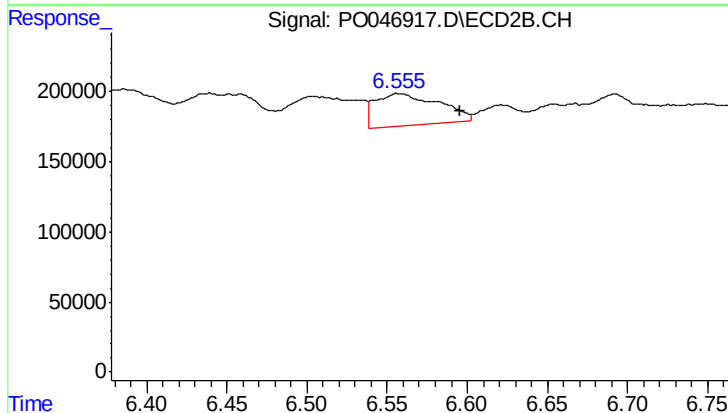
R.T.: 6.385 min  
Delta R.T.: -0.002 min  
Response: 1335308  
Conc: 80.15 ng/ml



#38 AR-1262-3

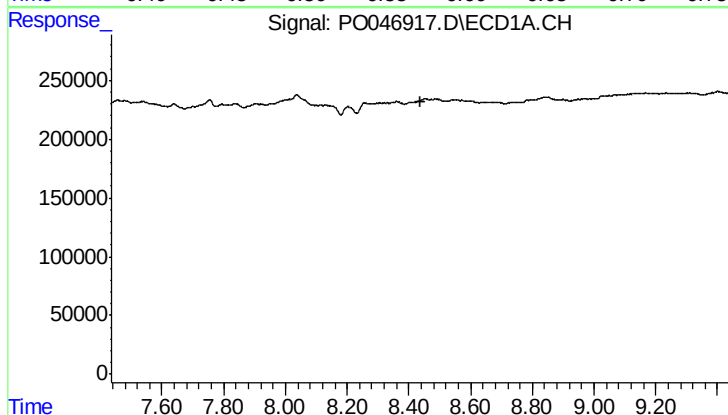
R.T.: 0.000 min  
Exp R.T.: 7.538 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



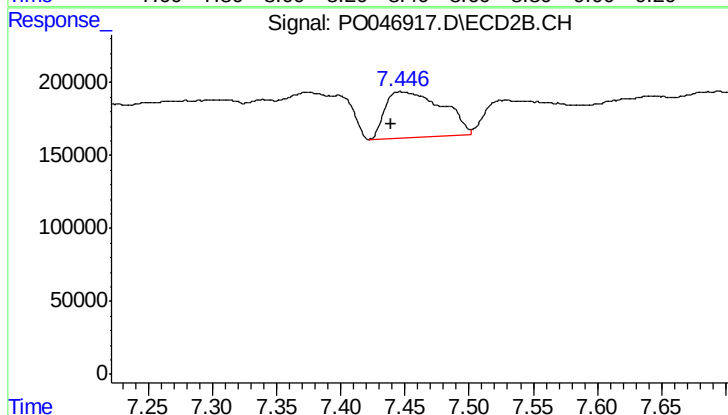
#38 AR-1262-3

R.T.: 6.557 min  
Delta R.T.: -0.039 min  
Response: 633121  
Conc: 25.14 ng/ml



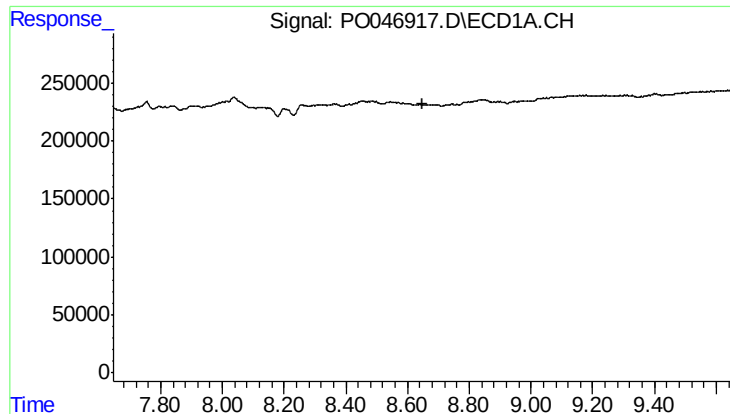
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.436 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

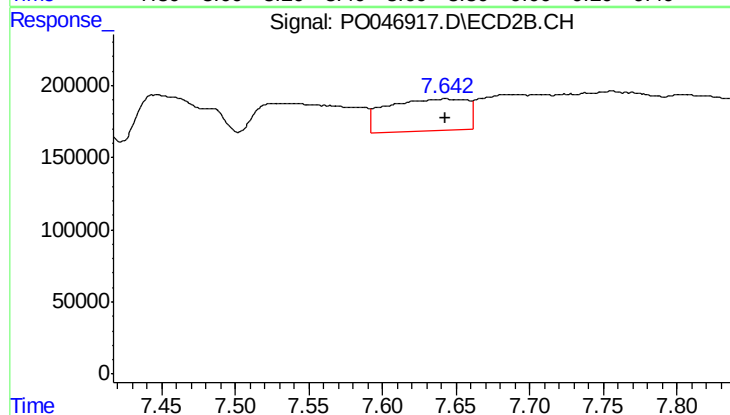
R.T.: 7.447 min  
Delta R.T.: 0.007 min  
Response: 978973  
Conc: 24.37 ng/ml



#43 AR-1268-3

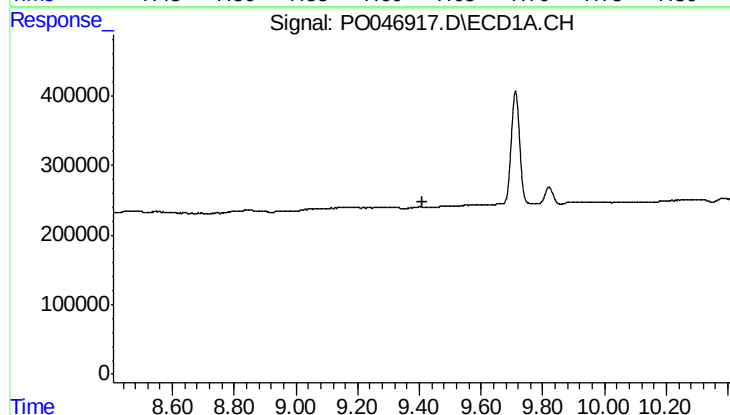
R.T.: 0.000 min  
Exp R.T.: 8.647 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
SB3-U-23-13



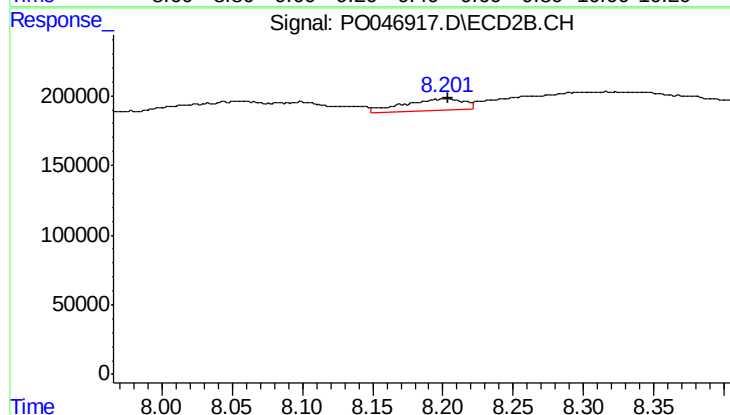
#43 AR-1268-3

R.T.: 7.643 min  
Delta R.T.: 0.000 min  
Response: 830808  
Conc: 25.05 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.408 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.202 min  
Delta R.T.: -0.002 min  
Response: 251737  
Conc: 2.88 ng/ml