

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103118\  
 Data File : PO050842.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 31 Oct 2018 23:04  
 Operator : SM/SJ  
 Sample : J5202-09  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 01 01:48:51 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO102918.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 30 07:48:38 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

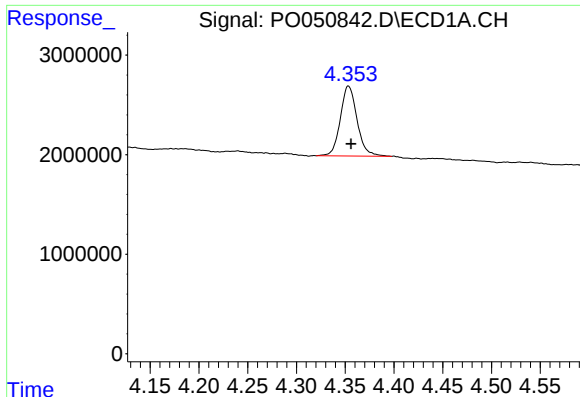
Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|-------|---------|---------|---------|-----------|
| -----                       |                 |        |       |         |         |         |           |
| System Monitoring Compounds |                 |        |       |         |         |         |           |
| 1)                          | SA Tetrachlo... | 4.353  | 3.347 | 8397949 | 4096196 | 16.801  | 18.846    |
| 2)                          | SA Decachlor... | 10.010 | 8.092 | 3613496 | 2088611 | 11.625  | 8.165 #   |
| Target Compounds            |                 |        |       |         |         |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.361 | 0       | 253693  | N.D.    | 27.606 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.381 | 0       | 375150  | N.D.    | 24.209 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.536 | 0       | 44921   | N.D.    | 5.608 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.624 | 0       | 252626  | N.D.    | 41.518 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 4.800 | 0       | 349705  | N.D.    | 40.524 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.526 | 0       | 36003   | N.D.    | 21.300 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.622 | 0       | 25058   | N.D.    | 19.690 #  |
| 12)                         | L3 AR-1232-2    | 5.321  | 4.381 | 509057  | 375150  | 109.244 | 78.423 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.536 | 0       | 44921   | N.D.    | 17.226 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.624 | 0       | 252626  | N.D.    | 113.323 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 4.800 | 0       | 349705  | N.D.    | 131.482 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.361 | 0       | 253693  | N.D.    | 43.227 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.381 | 0       | 375150  | N.D.    | 37.551 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.536 | 0       | 44921   | N.D.    | 8.896 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.624 | 0       | 252626  | N.D.    | 52.884 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.118 | 0       | 717648  | N.D.    | 111.393 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.361 | 0       | 253693  | N.D.    | 54.990 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.624 | 0       | 252626  | N.D.    | 36.272 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.624 | 0       | 252626  | N.D.    | 36.140 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 4.800 | 0       | 349705  | N.D.    | 37.477 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.164 | 0       | 440464  | N.D.    | 45.811 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.118 | 0       | 717648  | N.D.    | 37.428 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.258 | 0       | 773336  | N.D.    | 44.549 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 5.637 | 0       | 1901344 | N.D.    | 67.175 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 5.891 | 0       | 485748  | N.D.    | 27.482 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.267 | 0       | 271940  | N.D.    | 10.171 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 5.774 | 0       | 375165  | N.D.    | 18.145 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 5.933 | 0       | 276180  | N.D.    | 9.618 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.097 | 0       | 61526   | N.D.    | 2.495 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 6.794 | 0       | 233866  | N.D.    | 4.501 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.305 | 0       | 162997  | N.D.    | 5.792 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 6.794 | 0       | 233866  | N.D.    | 5.206 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.129 | 0       | 263526  | N.D.    | 14.678 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.129 | 0       | 263526  | N.D.    | 8.958 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.129 | 0       | 263526  | N.D.    | 4.785 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.129 | 0       | 263526  | N.D.    | 5.529 #   |
| -----                       |                 |        |       |         |         |         |           |

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

Instrument :  
ECD\_O  
ClientSampleId :

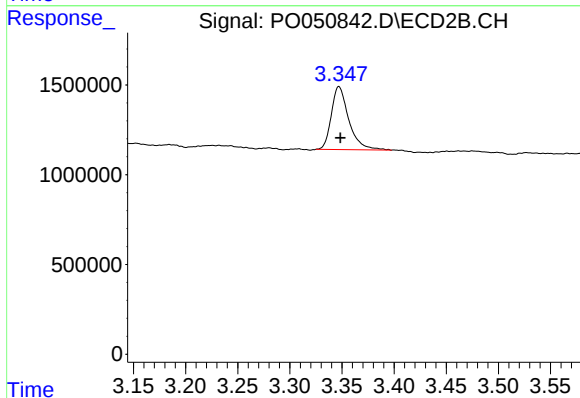




#1 Tetrachloro-m-xylene

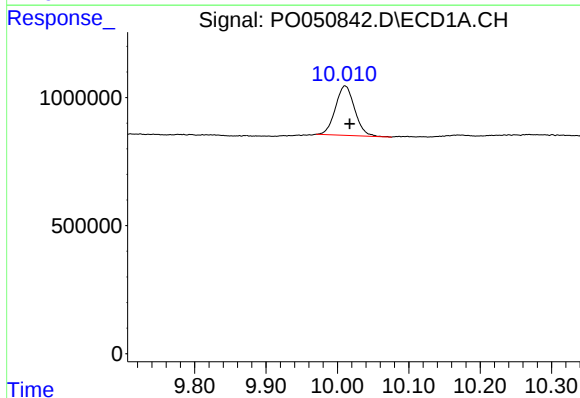
R.T.: 4.353 min  
Delta R.T.: -0.003 min  
Response: 8397949  
Conc: 16.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



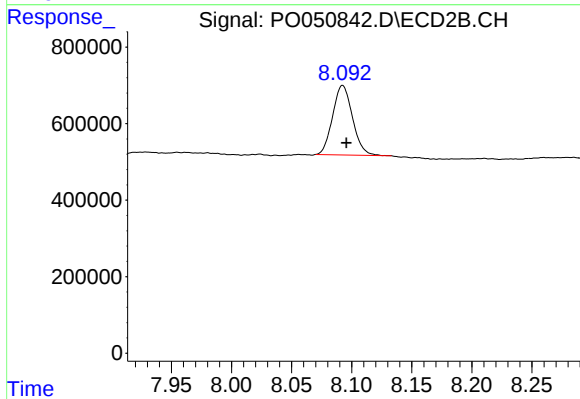
#1 Tetrachloro-m-xylene

R.T.: 3.347 min  
Delta R.T.: -0.001 min  
Response: 4096196  
Conc: 18.85 ng/ml



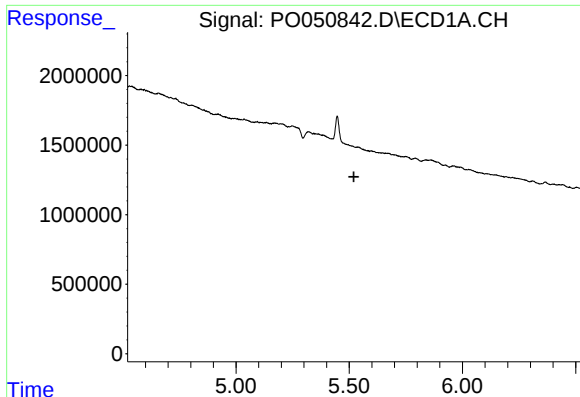
#2 Decachlorobiphenyl

R.T.: 10.010 min  
Delta R.T.: -0.007 min  
Response: 3613496  
Conc: 11.63 ng/ml



#2 Decachlorobiphenyl

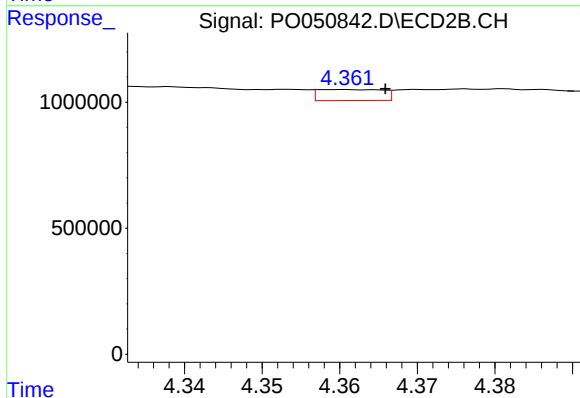
R.T.: 8.092 min  
Delta R.T.: -0.003 min  
Response: 2088611  
Conc: 8.17 ng/ml



#3 AR-1016-1

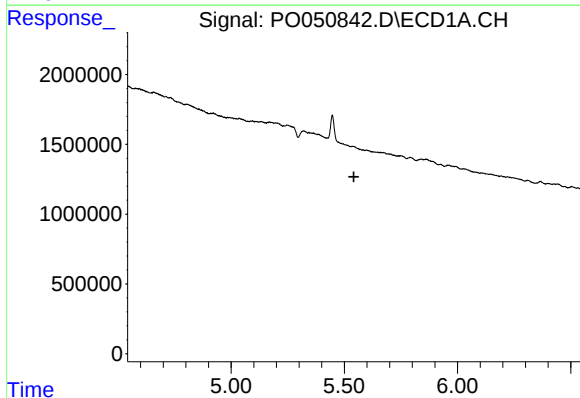
R.T.: 0.000 min  
Exp R.T.: 5.521 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



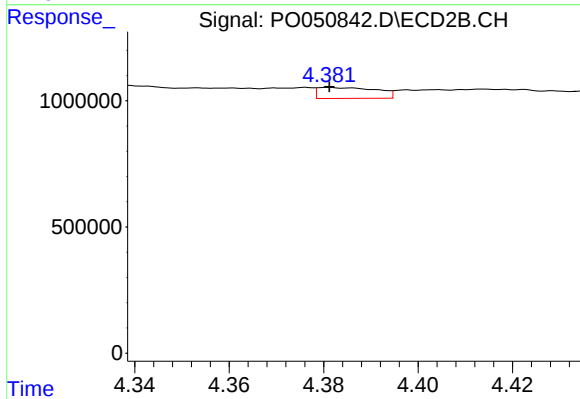
#3 AR-1016-1

R.T.: 4.361 min  
Delta R.T.: -0.005 min  
Response: 253693  
Conc: 27.61 ng/ml



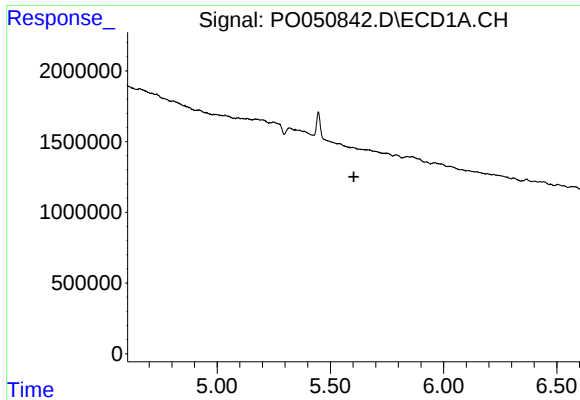
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.542 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

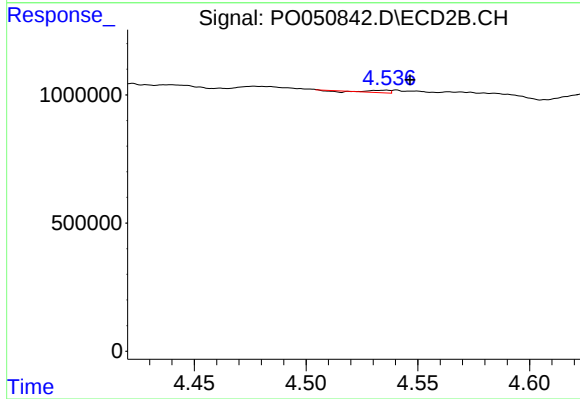
R.T.: 4.381 min  
Delta R.T.: 0.000 min  
Response: 375150  
Conc: 24.21 ng/ml



#5 AR-1016-3

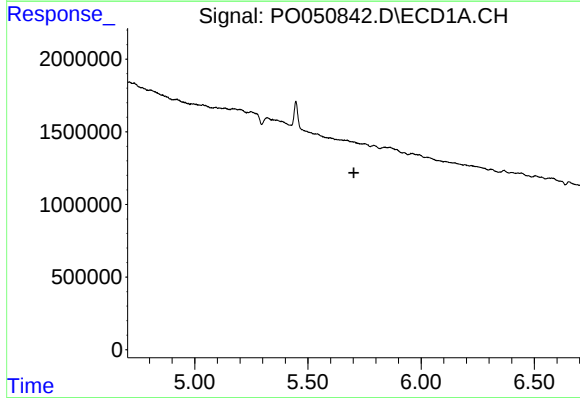
R.T.: 0.000 min  
Exp R.T.: 5.604 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



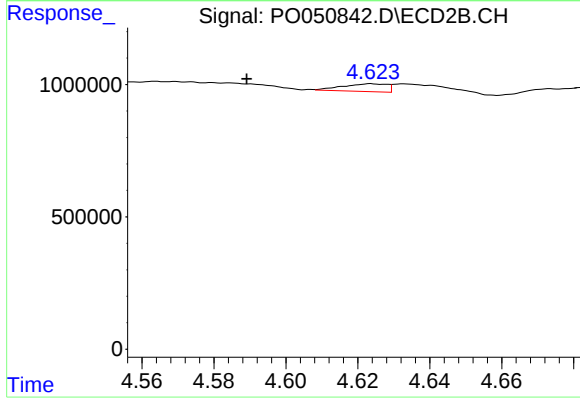
#5 AR-1016-3

R.T.: 4.536 min  
Delta R.T.: -0.011 min  
Response: 44921  
Conc: 5.61 ng/ml



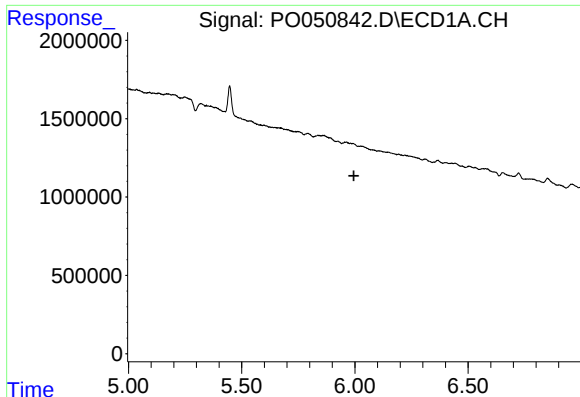
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.703 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

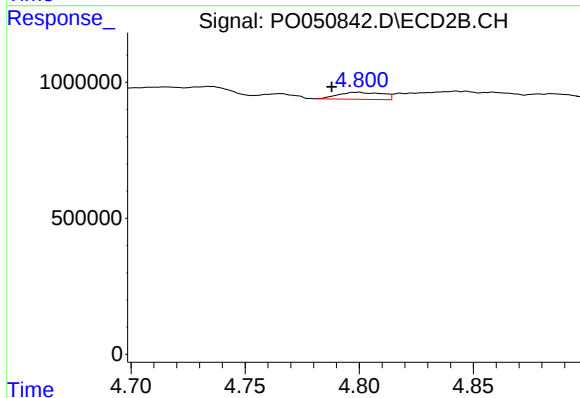
R.T.: 4.624 min  
Delta R.T.: 0.035 min  
Response: 252626  
Conc: 41.52 ng/ml



#7 AR-1016-5

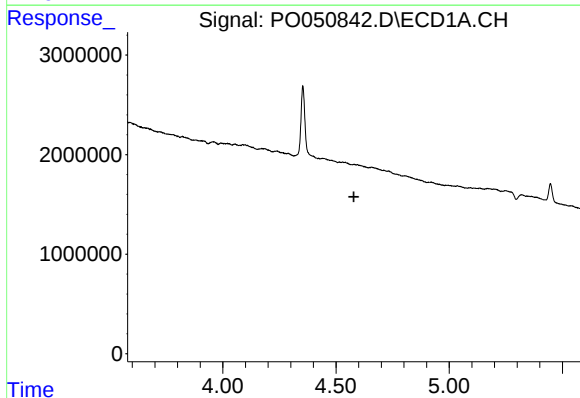
R.T.: 0.000 min  
Exp R.T. : 5.995 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



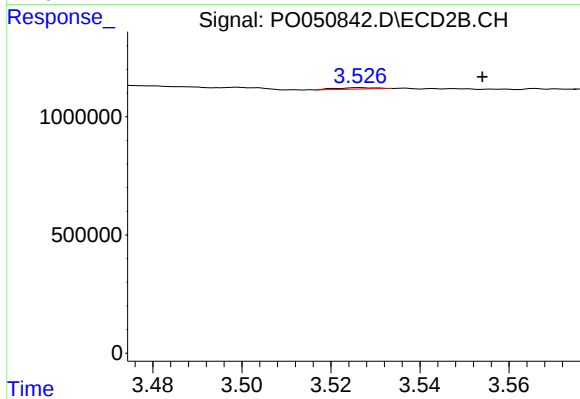
#7 AR-1016-5

R.T.: 4.800 min  
Delta R.T.: 0.012 min  
Response: 349705  
Conc: 40.52 ng/ml



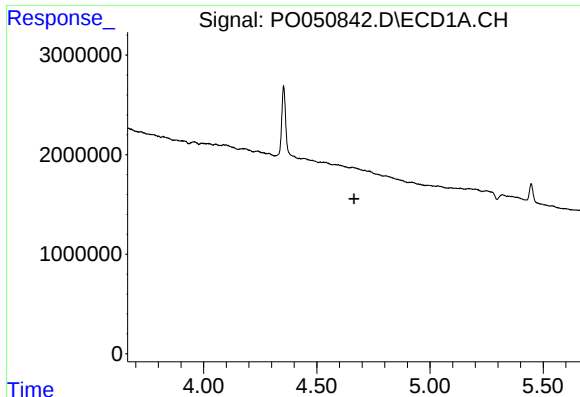
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.579 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

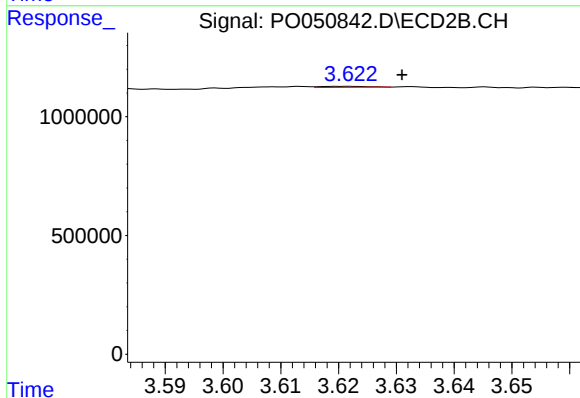
R.T.: 3.526 min  
Delta R.T.: -0.028 min  
Response: 36003  
Conc: 21.30 ng/ml



#9 AR-1221-2

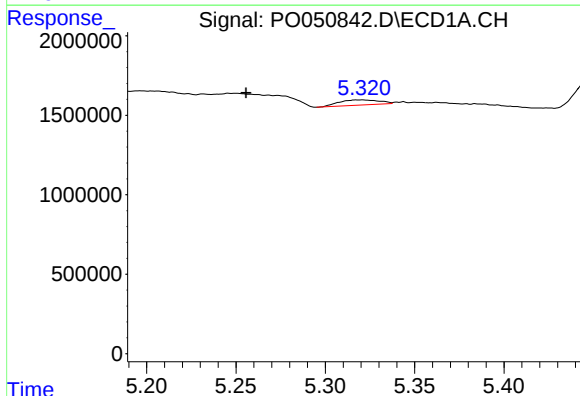
R.T.: 0.000 min  
Exp R.T.: 4.664 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



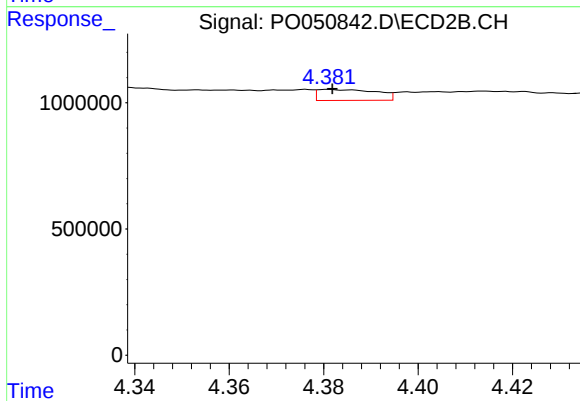
#9 AR-1221-2

R.T.: 3.622 min  
Delta R.T.: -0.009 min  
Response: 25058  
Conc: 19.69 ng/ml



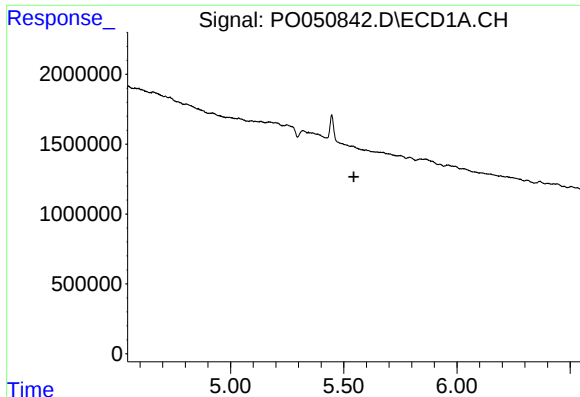
#12 AR-1232-2

R.T.: 5.321 min  
Delta R.T.: 0.065 min  
Response: 509057  
Conc: 109.24 ng/ml



#12 AR-1232-2

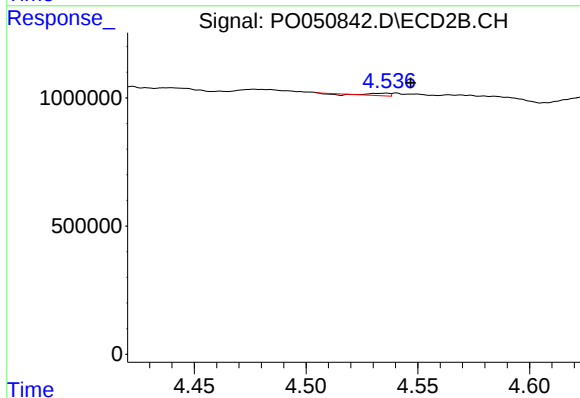
R.T.: 4.381 min  
Delta R.T.: 0.000 min  
Response: 375150  
Conc: 78.42 ng/ml



#13 AR-1232-3

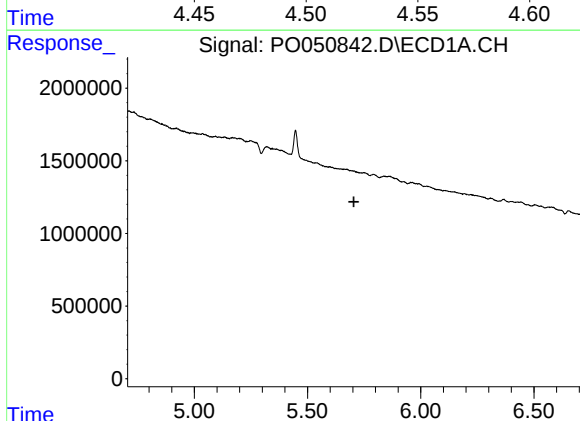
R.T.: 0.000 min  
Exp R.T.: 5.545 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



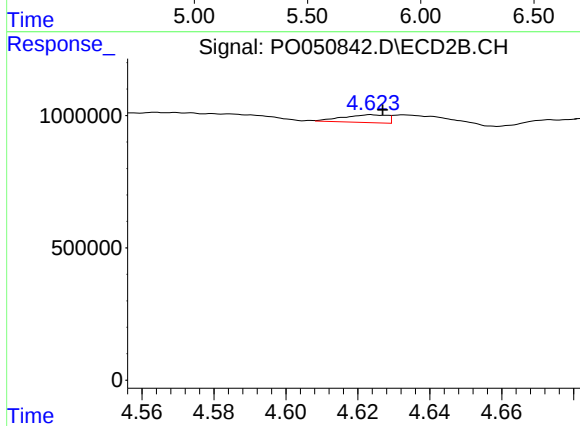
#13 AR-1232-3

R.T.: 4.536 min  
Delta R.T.: -0.011 min  
Response: 44921  
Conc: 17.23 ng/ml



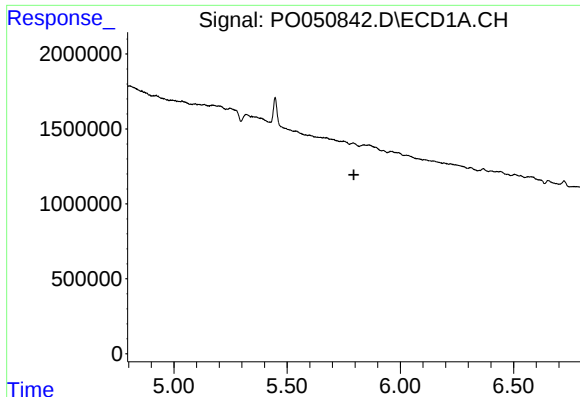
#14 AR-1232-4

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



#14 AR-1232-4

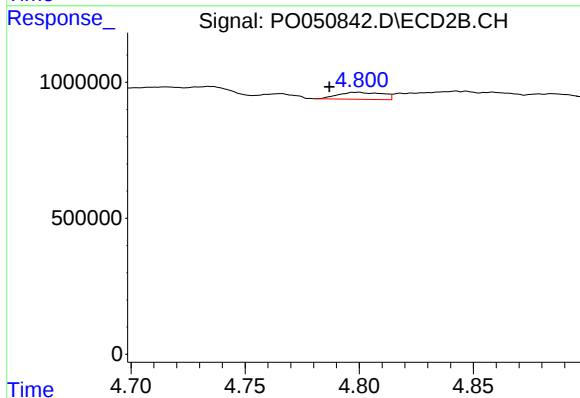
R.T.: 4.624 min  
Delta R.T.: -0.003 min  
Response: 252626  
Conc: 113.32 ng/ml



#15 AR-1232-5

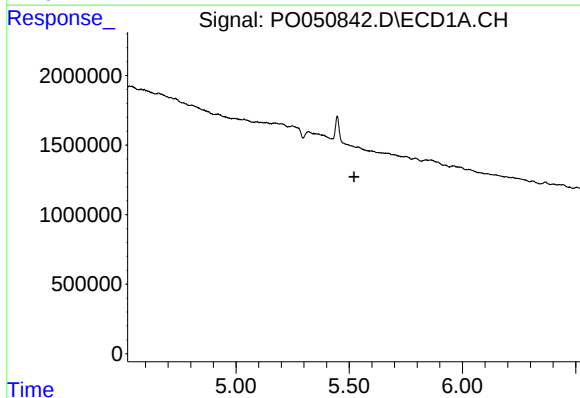
R.T.: 0.000 min  
Exp R.T. : 5.794 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



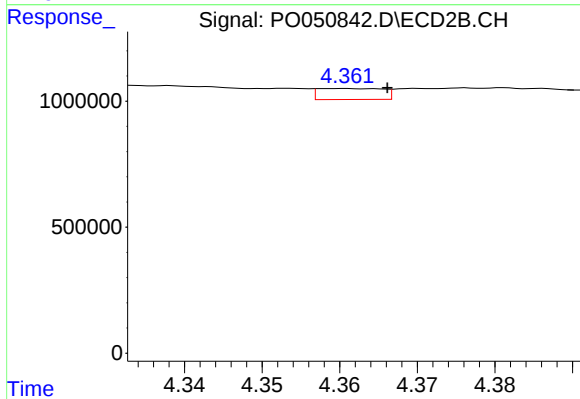
#15 AR-1232-5

R.T.: 4.800 min  
Delta R.T.: 0.013 min  
Response: 349705  
Conc: 131.48 ng/ml



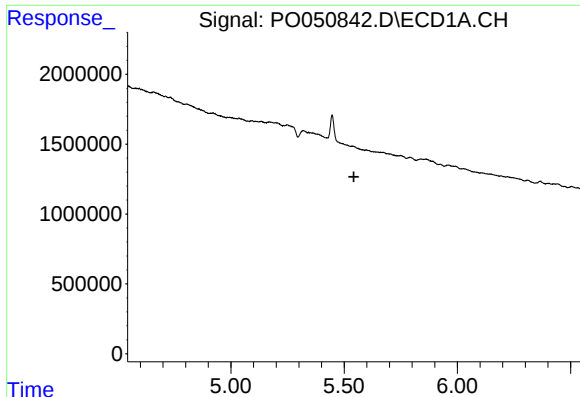
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.521 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

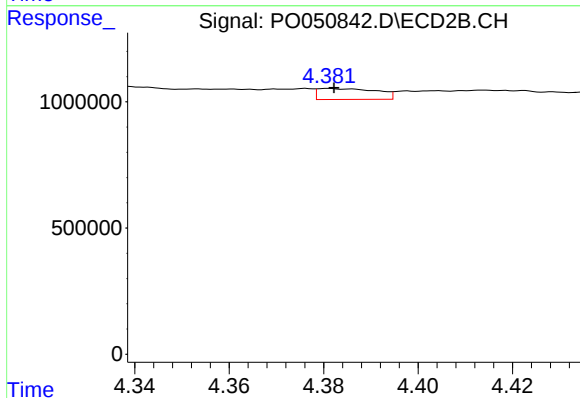
R.T.: 4.361 min  
Delta R.T.: -0.005 min  
Response: 253693  
Conc: 43.23 ng/ml



#17 AR-1242-2

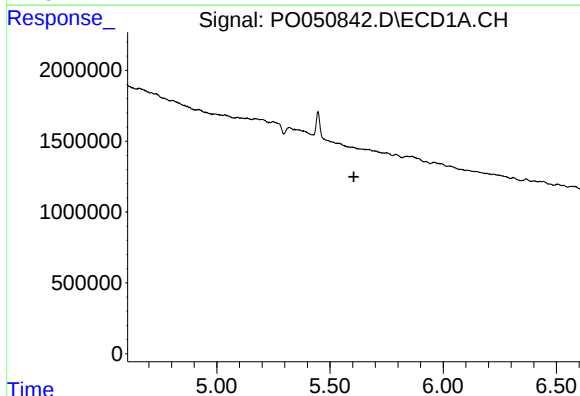
R.T.: 0.000 min  
Exp R.T.: 5.543 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



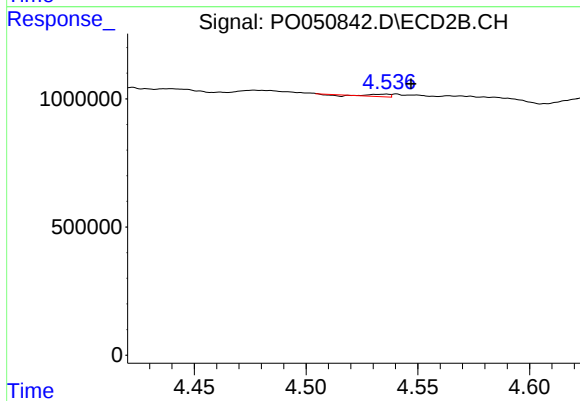
#17 AR-1242-2

R.T.: 4.381 min  
Delta R.T.: -0.001 min  
Response: 375150  
Conc: 37.55 ng/ml



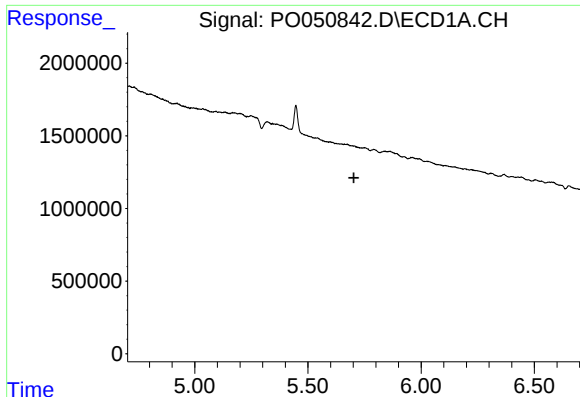
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.605 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

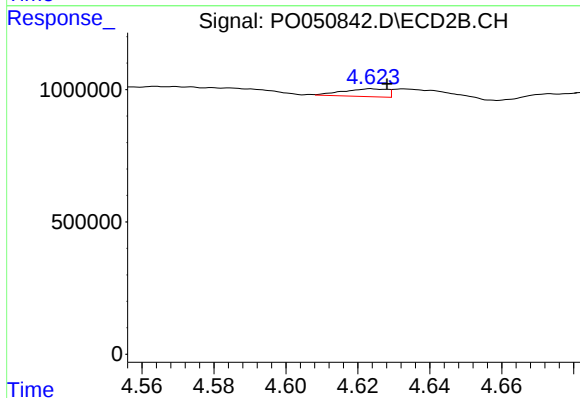
R.T.: 4.536 min  
Delta R.T.: -0.011 min  
Response: 44921  
Conc: 8.90 ng/ml



#19 AR-1242-4

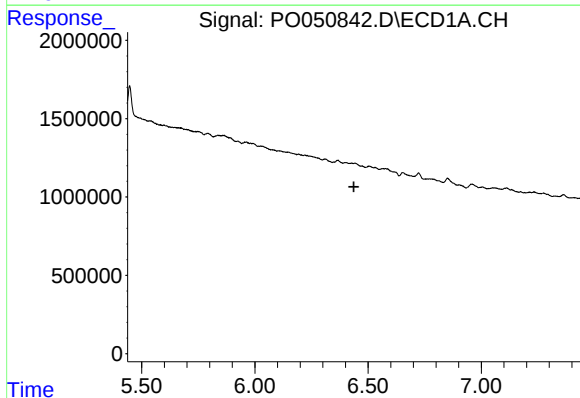
R.T.: 0.000 min  
Exp R.T.: 5.703 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



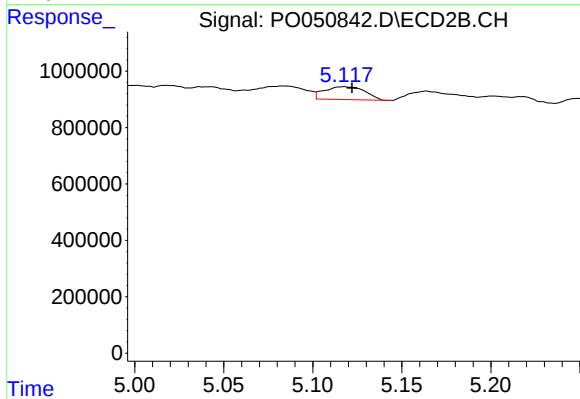
#19 AR-1242-4

R.T.: 4.624 min  
Delta R.T.: -0.004 min  
Response: 252626  
Conc: 52.88 ng/ml



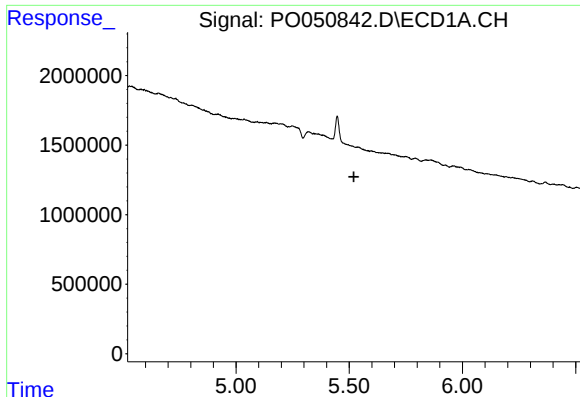
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.437 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

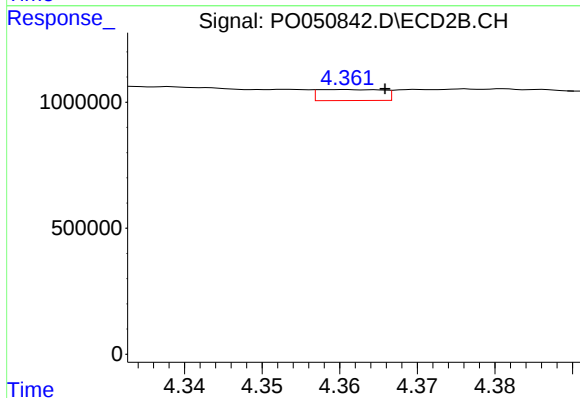
R.T.: 5.118 min  
Delta R.T.: -0.004 min  
Response: 717648  
Conc: 111.39 ng/ml



#21 AR-1248-1

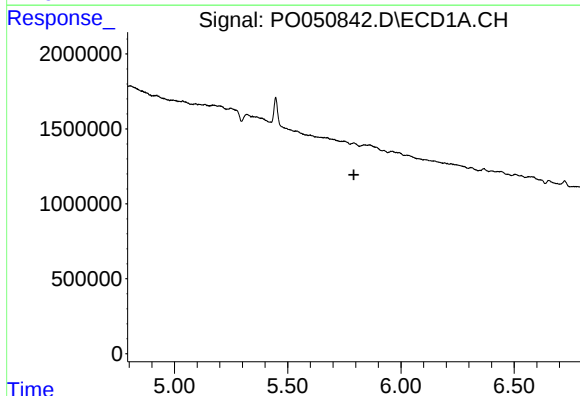
R.T.: 0.000 min  
Exp R.T.: 5.521 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



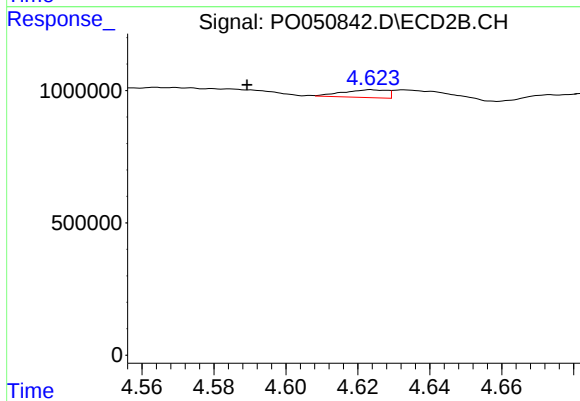
#21 AR-1248-1

R.T.: 4.361 min  
Delta R.T.: -0.005 min  
Response: 253693  
Conc: 54.99 ng/ml



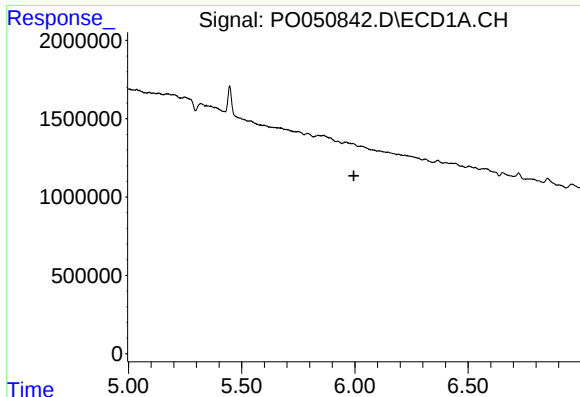
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.792 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

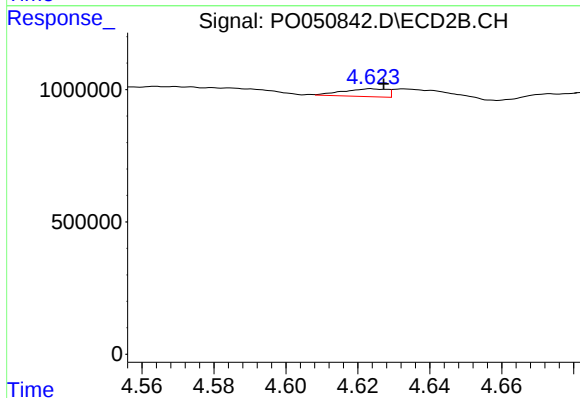
R.T.: 4.624 min  
Delta R.T.: 0.035 min  
Response: 252626  
Conc: 36.27 ng/ml



#23 AR-1248-3

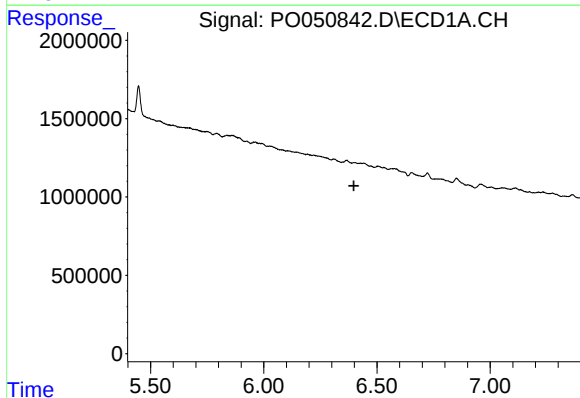
R.T.: 0.000 min  
Exp R.T.: 5.996 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



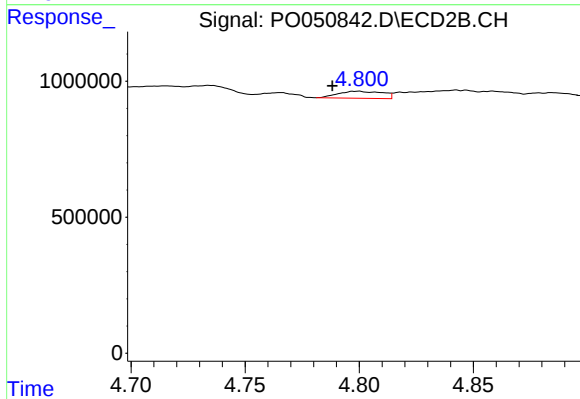
#23 AR-1248-3

R.T.: 4.624 min  
Delta R.T.: -0.004 min  
Response: 252626  
Conc: 36.14 ng/ml



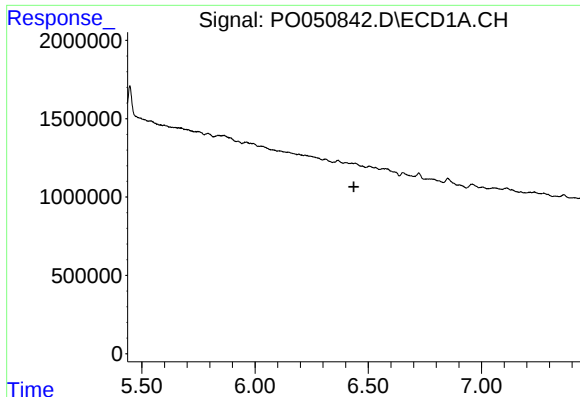
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.398 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

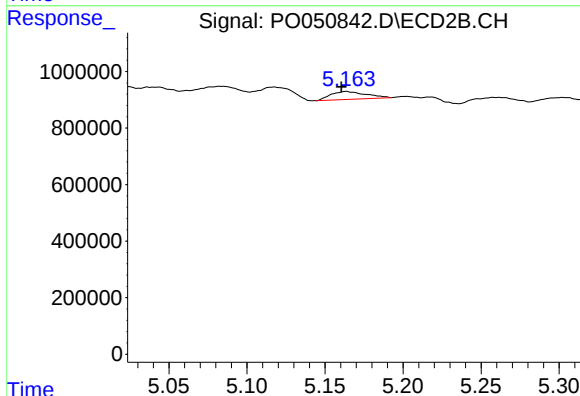
R.T.: 4.800 min  
Delta R.T.: 0.012 min  
Response: 349705  
Conc: 37.48 ng/ml



#25 AR-1248-5

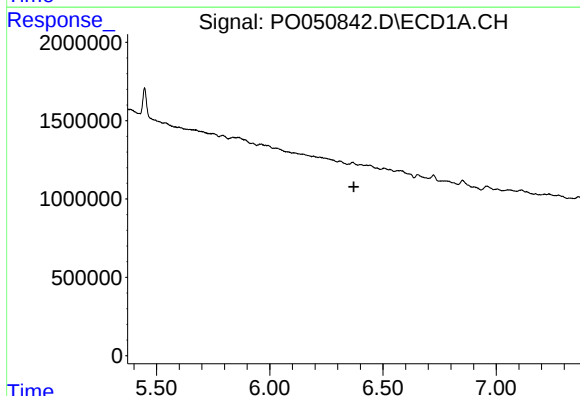
R.T.: 0.000 min  
Exp R.T. : 6.436 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



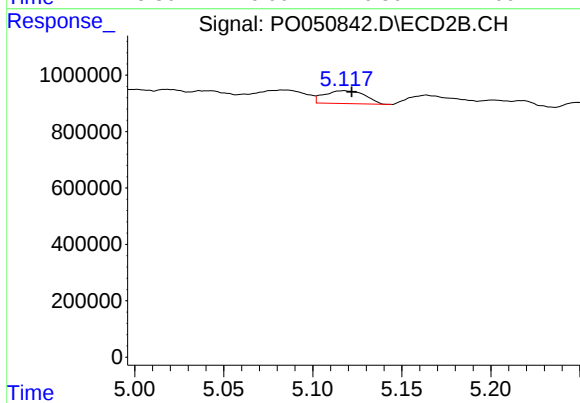
#25 AR-1248-5

R.T.: 5.164 min  
Delta R.T.: 0.003 min  
Response: 440464  
Conc: 45.81 ng/ml



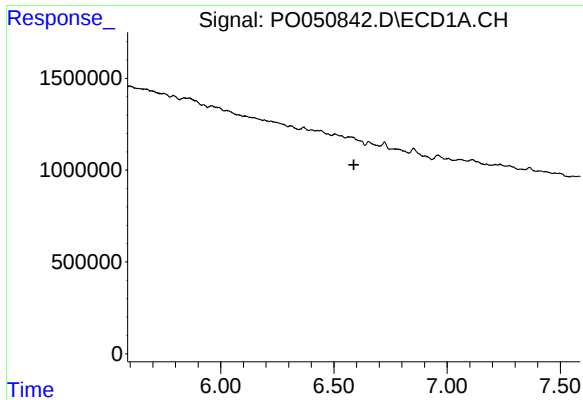
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 6.371 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

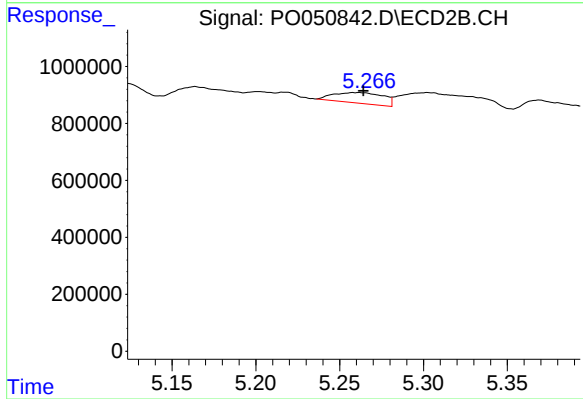
R.T.: 5.118 min  
Delta R.T.: -0.004 min  
Response: 717648  
Conc: 37.43 ng/ml



#27 AR-1254-2

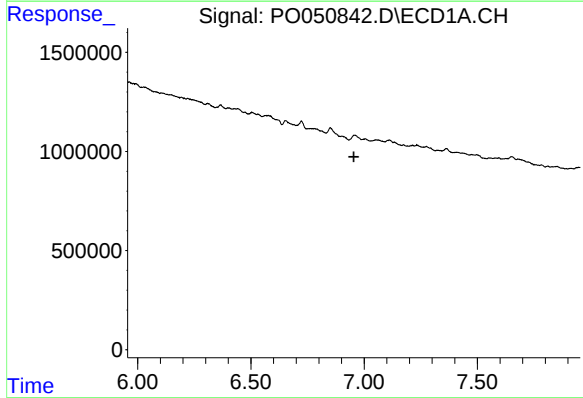
R.T.: 0.000 min  
Exp R.T. : 6.588 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



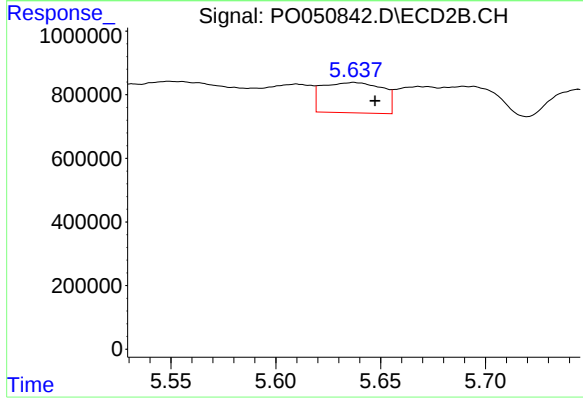
#27 AR-1254-2

R.T.: 5.258 min  
Delta R.T.: -0.006 min  
Response: 773336  
Conc: 44.55 ng/ml



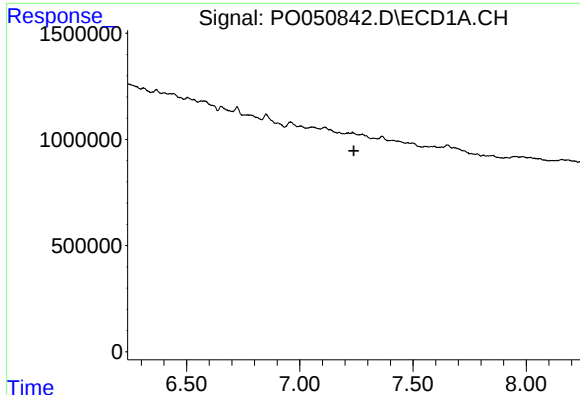
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.955 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

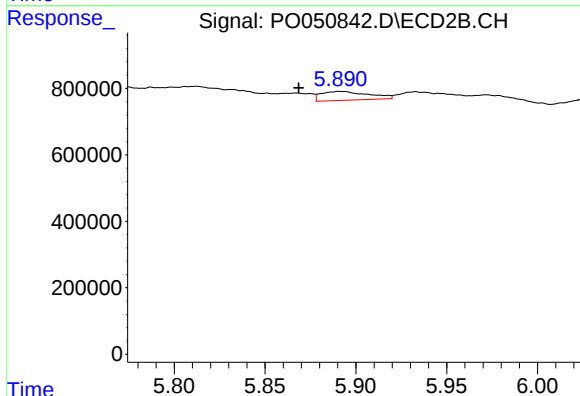
R.T.: 5.637 min  
Delta R.T.: -0.010 min  
Response: 1901344  
Conc: 67.18 ng/ml



#29 AR-1254-4

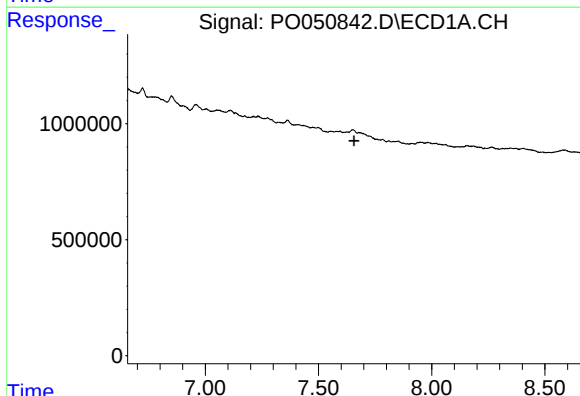
R.T.: 0.000 min  
Exp R.T. : 7.239 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



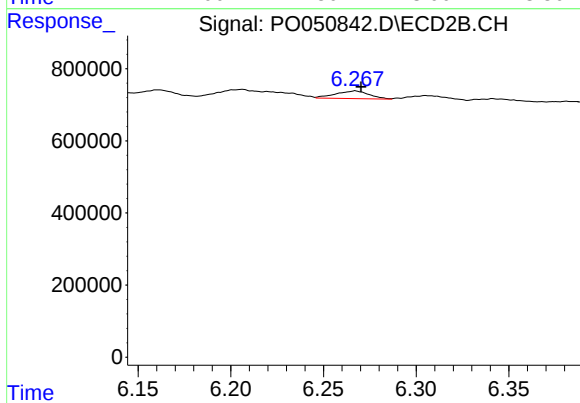
#29 AR-1254-4

R.T.: 5.891 min  
Delta R.T.: 0.022 min  
Response: 485748  
Conc: 27.48 ng/ml



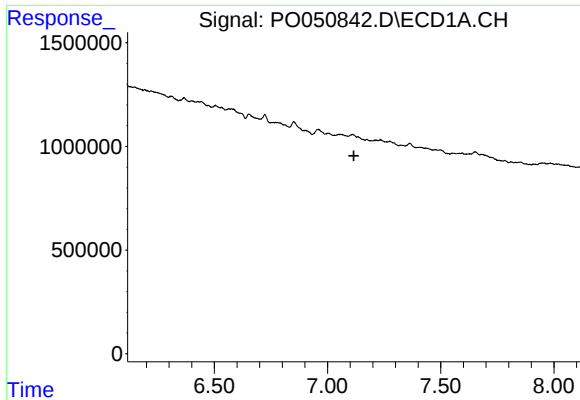
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.657 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

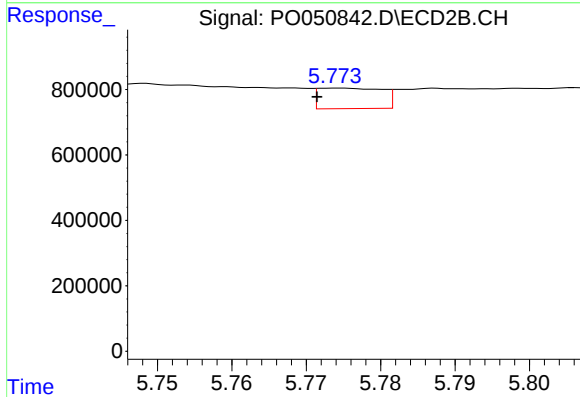
R.T.: 6.267 min  
Delta R.T.: -0.003 min  
Response: 271940  
Conc: 10.17 ng/ml



#31 AR-1260-1

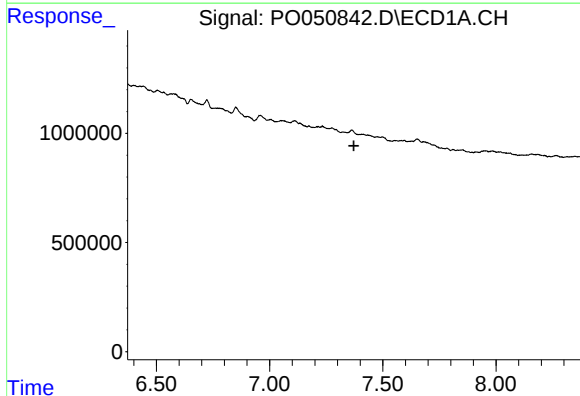
R.T.: 0.000 min  
Exp R.T.: 7.116 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



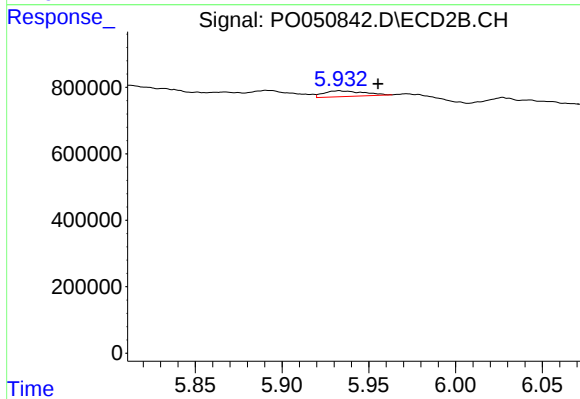
#31 AR-1260-1

R.T.: 5.774 min  
Delta R.T.: 0.003 min  
Response: 375165  
Conc: 18.15 ng/ml



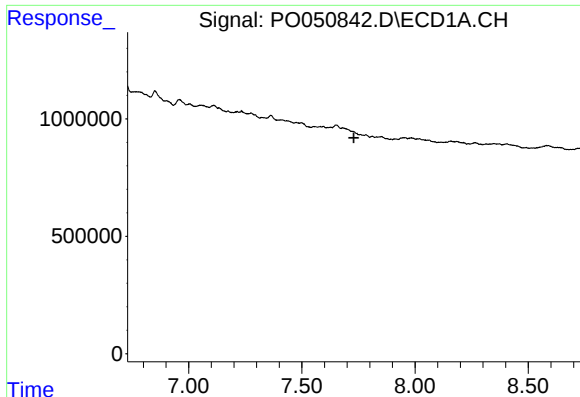
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 7.372 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

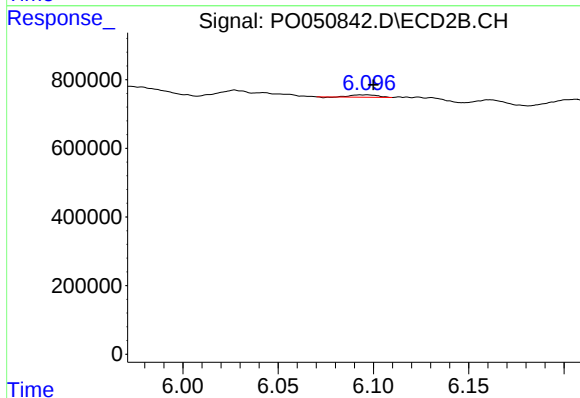
R.T.: 5.933 min  
Delta R.T.: -0.023 min  
Response: 276180  
Conc: 9.62 ng/ml



#33 AR-1260-3

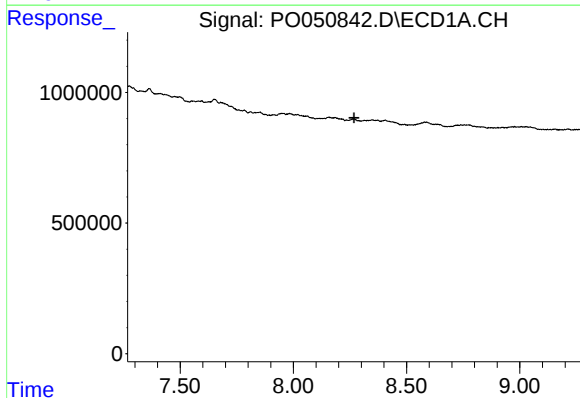
R.T.: 0.000 min  
Exp R.T. : 7.730 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



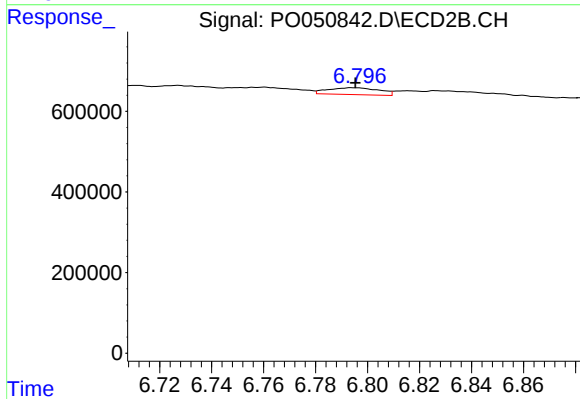
#33 AR-1260-3

R.T.: 6.097 min  
Delta R.T.: -0.003 min  
Response: 61526  
Conc: 2.49 ng/ml



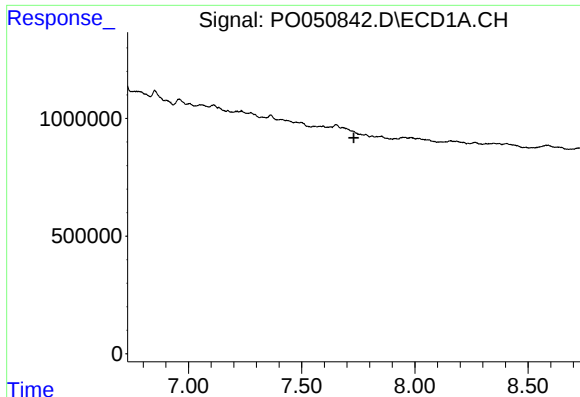
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.268 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

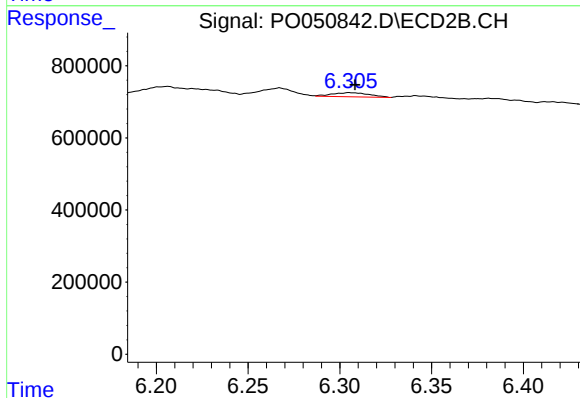
R.T.: 6.794 min  
Delta R.T.: -0.001 min  
Response: 233866  
Conc: 4.50 ng/ml



#36 AR-1262-1

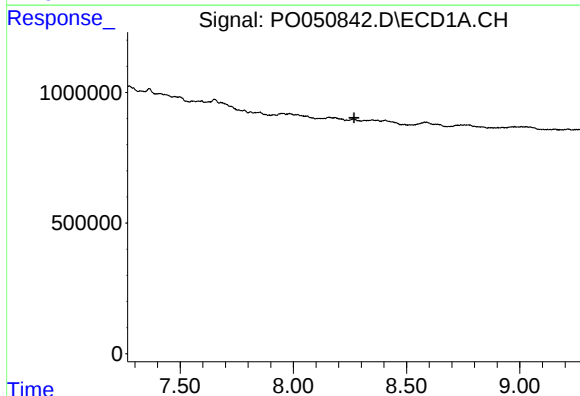
R.T.: 0.000 min  
Exp R.T. : 7.730 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



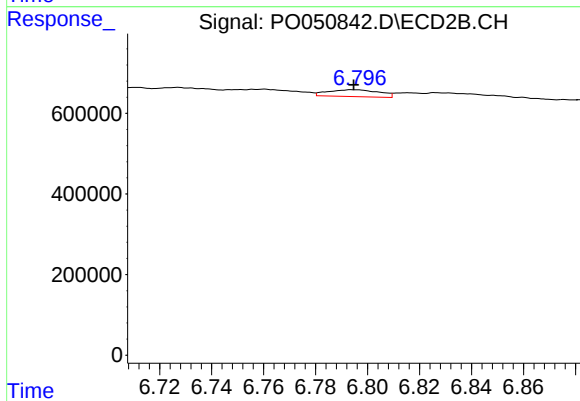
#36 AR-1262-1

R.T.: 6.305 min  
Delta R.T.: -0.003 min  
Response: 162997  
Conc: 5.79 ng/ml



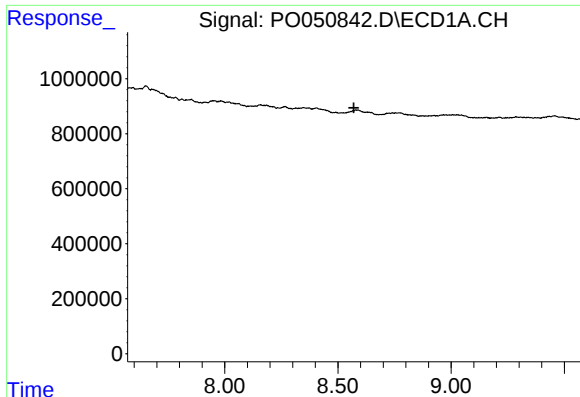
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.268 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

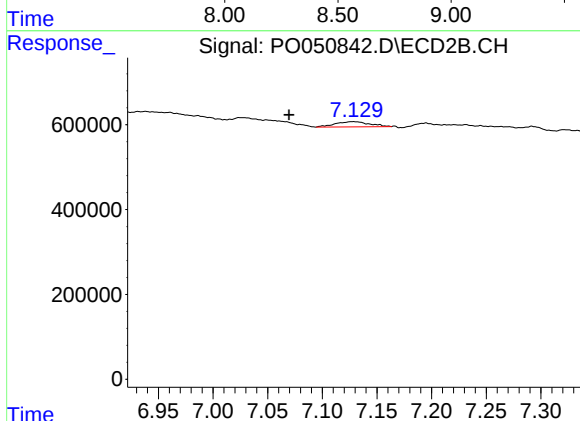
R.T.: 6.794 min  
Delta R.T.: 0.000 min  
Response: 233866  
Conc: 5.21 ng/ml



#38 AR-1262-3

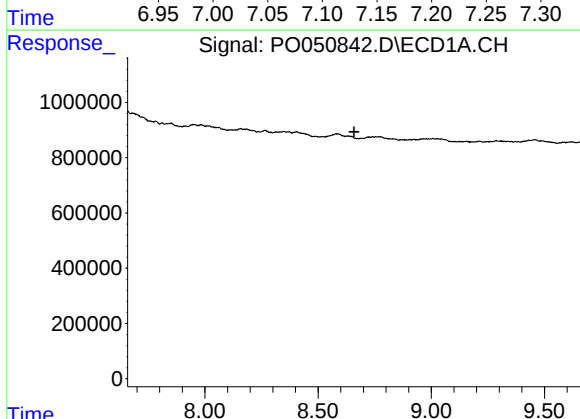
R.T.: 0.000 min  
Exp R.T.: 8.571 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



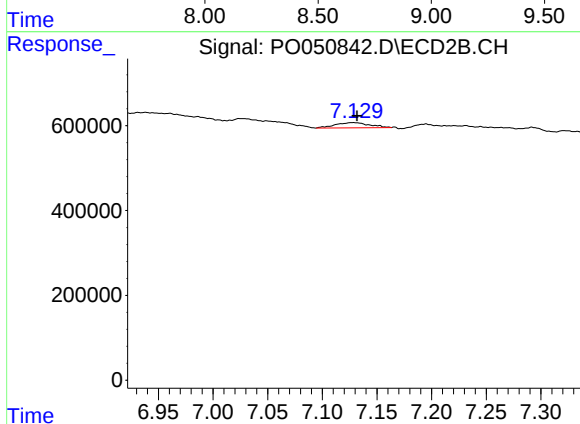
#38 AR-1262-3

R.T.: 7.129 min  
Delta R.T.: 0.059 min  
Response: 263526  
Conc: 14.68 ng/ml



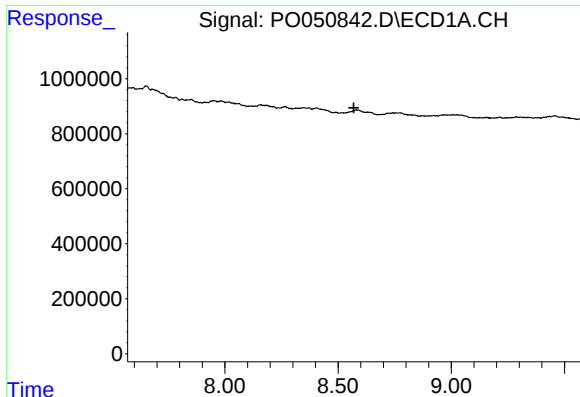
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 8.658 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

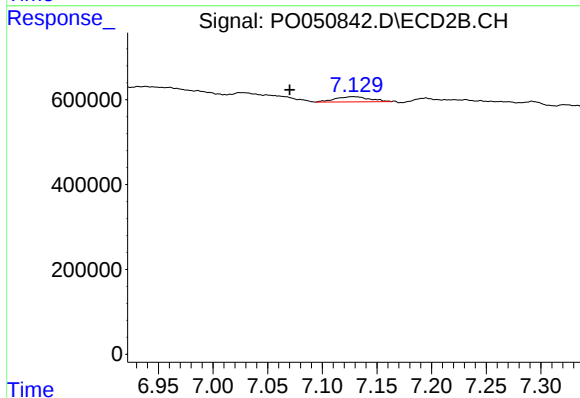
R.T.: 7.129 min  
Delta R.T.: -0.003 min  
Response: 263526  
Conc: 8.96 ng/ml



#41 AR-1268-1

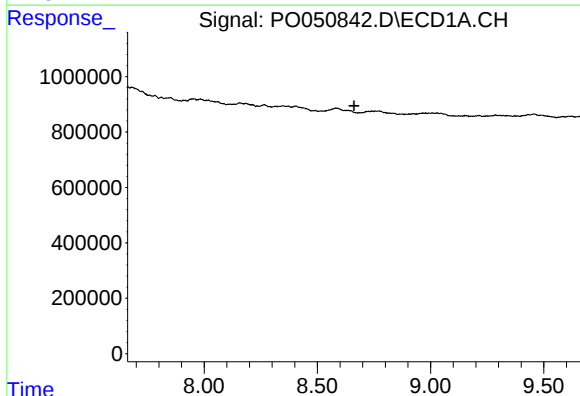
R.T.: 0.000 min  
Exp R.T.: 8.570 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



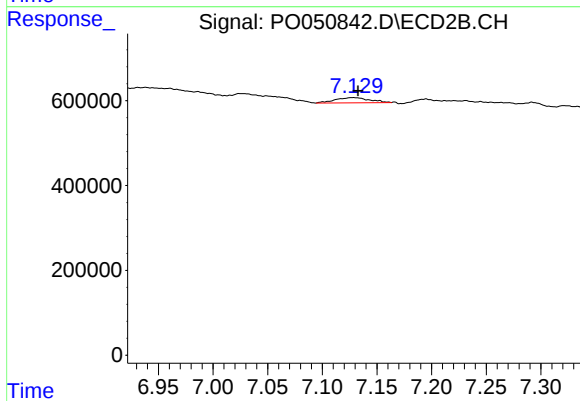
#41 AR-1268-1

R.T.: 7.129 min  
Delta R.T.: 0.058 min  
Response: 263526  
Conc: 4.78 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.662 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.129 min  
Delta R.T.: -0.004 min  
Response: 263526  
Conc: 5.53 ng/ml