

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101018\  
 Data File : PO049868.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Oct 2018 21:37  
 Operator : SM/SJ  
 Sample : J5371-06  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 00:58:03 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100818.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Oct 08 15:27:38 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... | 4.365  | 3.542 | 3584990 | 4732445 | 15.859  | 19.621   |
| 2)                          | SA Decachlor... | 10.049 | 8.418 | 4251679 | 3019933 | 12.760  | 11.546   |
| Target Compounds            |                 |        |       |         |         |         |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.542 | 0       | 257347  | N.D.    | 21.216 # |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.542 | 0       | 257347  | N.D.    | 15.841 # |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.746 | 0       | 182197  | N.D.    | 18.876 # |
| 6)                          | L1 AR-1016-4    | 5.804  | 4.746 | 276282  | 182197  | 32.888  | 25.581   |
| 7)                          | L1 AR-1016-5    | 6.059  | 0.000 | 160633  | 0       | 18.465  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.700  | 0.000 | 141478  | 0       | 77.595  | N.D. #   |
| 10)                         | L2 AR-1221-3    | 4.757  | 0.000 | 438136  | 0       | 74.058  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.757  | 0.000 | 438136  | 0       | 93.336  | N.D. #   |
| 12)                         | L3 AR-1232-2    | 5.242  | 4.542 | 317667  | 257347  | 130.099 | 44.233 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.746 | 0       | 182197  | N.D.    | 55.300 # |
| 14)                         | L3 AR-1232-4    | 5.804  | 0.000 | 276282  | 0       | 99.706  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.841  | 0.000 | 232506  | 0       | 119.836 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.542 | 0       | 257347  | N.D.    | 31.034 # |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.542 | 0       | 257347  | N.D.    | 22.338 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.746 | 0       | 182197  | N.D.    | 28.356 # |
| 19)                         | L4 AR-1242-4    | 5.804  | 0.000 | 276282  | 0       | 46.477  | N.D. #   |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.542 | 0       | 257347  | N.D.    | 38.784 # |
| 22)                         | L5 AR-1248-2    | 5.841  | 0.000 | 232506  | 0       | 27.936  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 6.059  | 0.000 | 160633  | 0       | 16.614  | N.D. #   |
| 27)                         | L6 AR-1254-2    | 6.646  | 0.000 | 416581  | 0       | 18.867  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.038  | 0.000 | 183991  | 0       | 7.541   | N.D. #   |
| 29)                         | L6 AR-1254-4    | 7.304  | 0.000 | 253402  | 0       | 12.356  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 7.743  | 0.000 | 1487781 | 0       | 77.203  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.113  | 6.055 | 151521  | 273142  | 8.212   | 13.228 # |
| 32)                         | L7 AR-1260-2    | 7.460  | 0.000 | 494804  | 0       | 20.634  | N.D. #   |
| 33)                         | L7 AR-1260-3    | 7.789  | 6.365 | 733212  | 466241  | 38.781  | 19.132 # |
| 34)                         | L7 AR-1260-4    | 8.044  | 0.000 | 4050789 | 0       | 213.338 | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.313  | 7.079 | 1442719 | 231054  | 34.104  | 4.507 #  |
| 36)                         | L8 AR-1262-1    | 7.789  | 0.000 | 733212  | 0       | 34.733  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.313  | 7.079 | 1442719 | 231054  | 38.724  | 5.460 #  |
| 38)                         | L8 AR-1262-3    | 8.597  | 7.415 | 179354  | 434075  | 7.435   | 25.791 # |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.415 | 0       | 434075  | N.D.    | 14.730 # |
| 41)                         | L9 AR-1268-1    | 8.597  | 7.415 | 179354  | 434075  | 3.587   | 8.115 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.415 | 0       | 434075  | N.D.    | 8.950 #  |
| -----                       |                 |        |       |         |         |         |          |

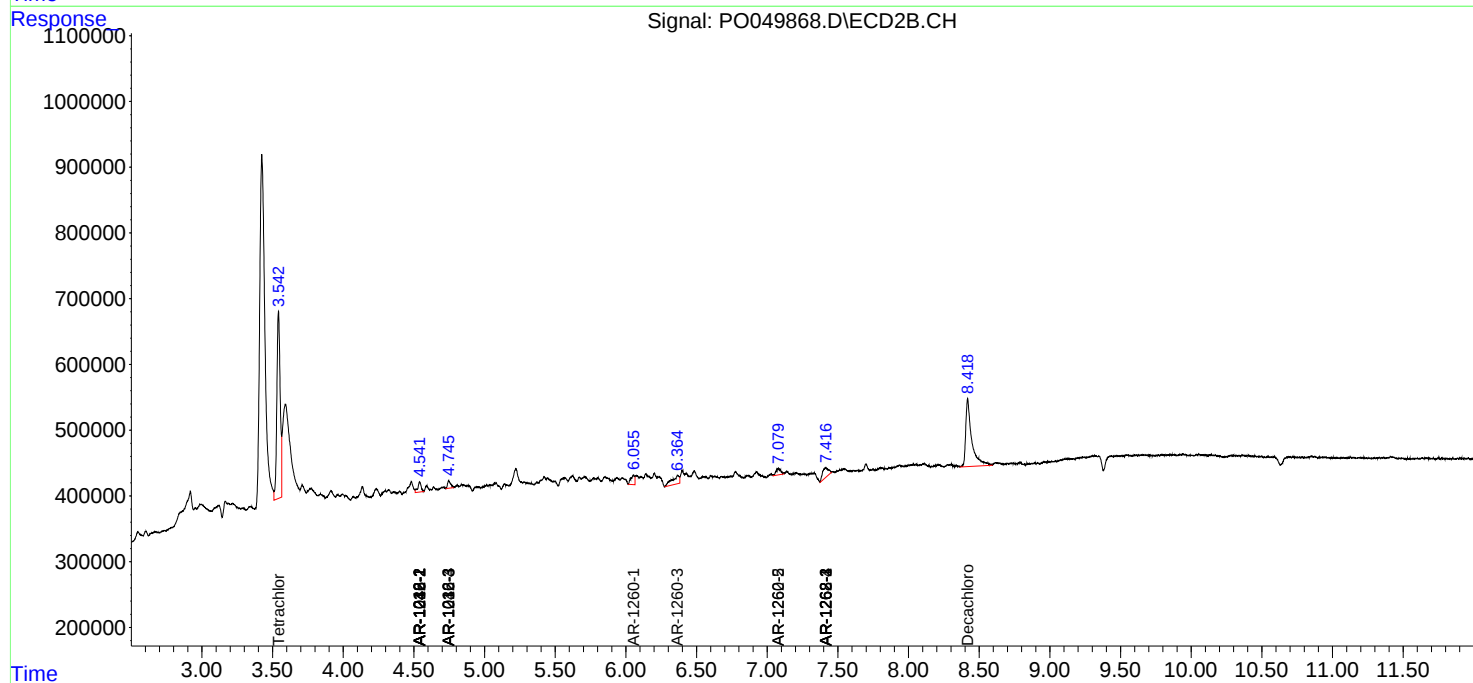
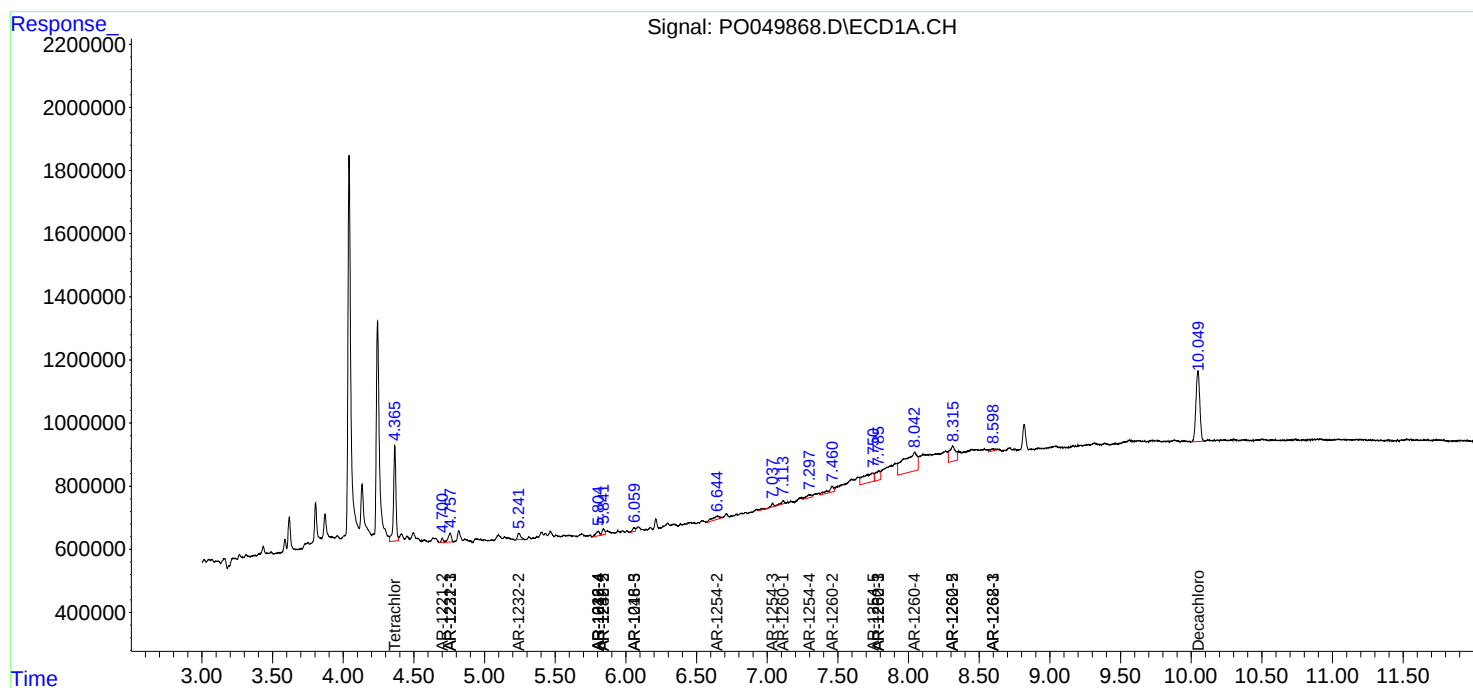
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

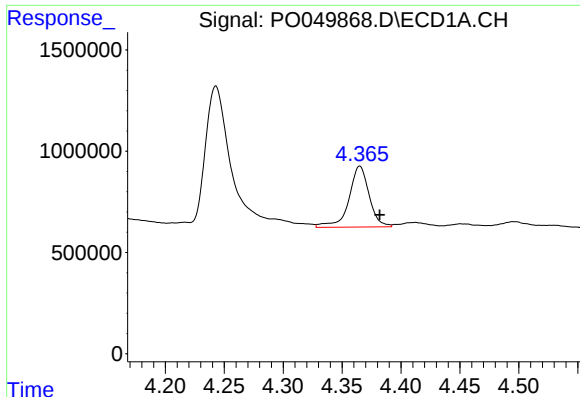
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101018\  
Data File : P0049868.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Oct 2018 21:37  
Operator : SM/SJ  
Sample : J5371-06  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 11 00:58:03 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100818.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Oct 08 15:27:38 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

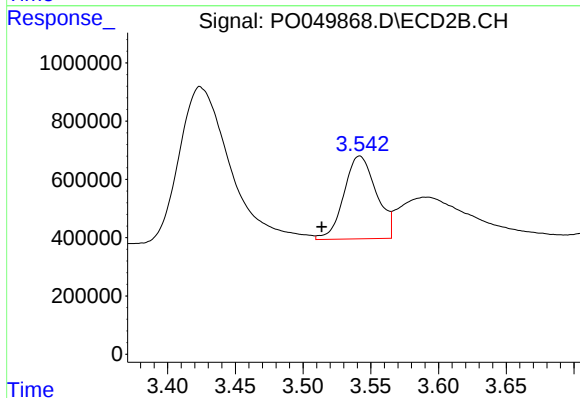




#1 Tetrachloro-m-xylene

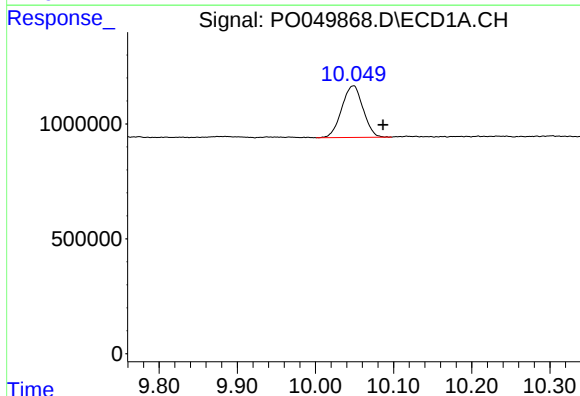
R.T.: 4.365 min  
Delta R.T.: -0.017 min  
Response: 3584990  
Conc: 15.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



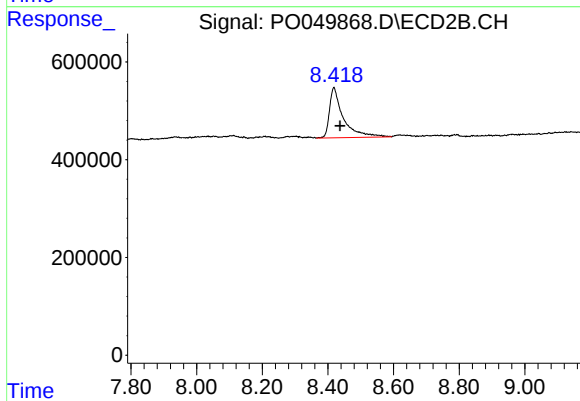
#1 Tetrachloro-m-xylene

R.T.: 3.542 min  
Delta R.T.: 0.028 min  
Response: 4732445  
Conc: 19.62 ng/ml



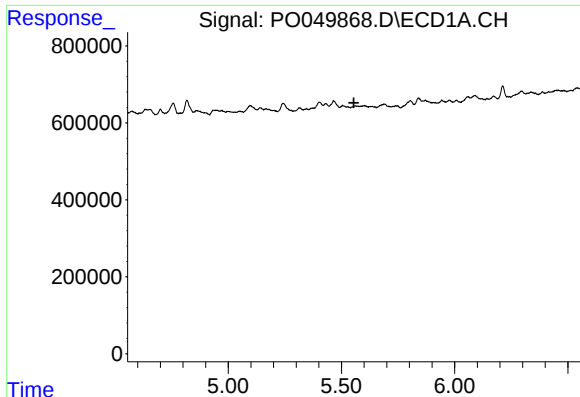
#2 Decachlorobiphenyl

R.T.: 10.049 min  
Delta R.T.: -0.038 min  
Response: 4251679  
Conc: 12.76 ng/ml



#2 Decachlorobiphenyl

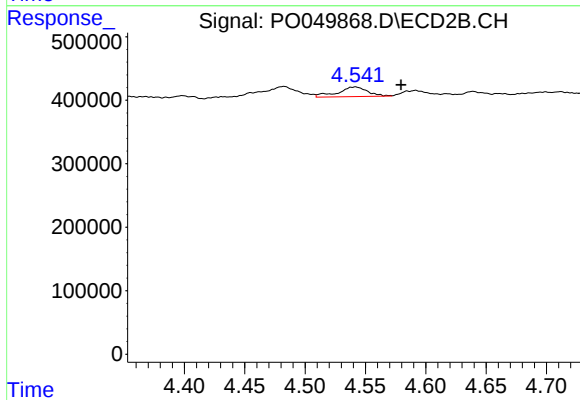
R.T.: 8.418 min  
Delta R.T.: -0.018 min  
Response: 3019933  
Conc: 11.55 ng/ml



#3 AR-1016-1

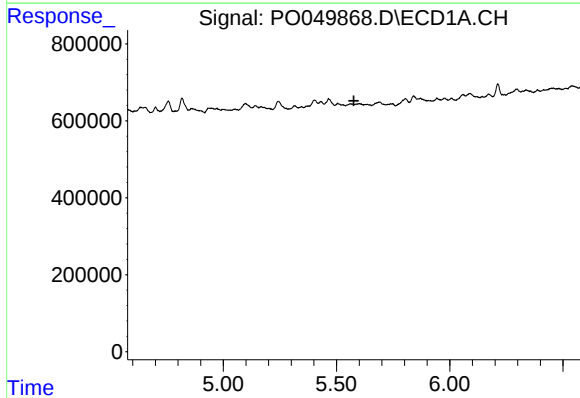
R.T.: 0.000 min  
Exp R.T.: 5.555 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



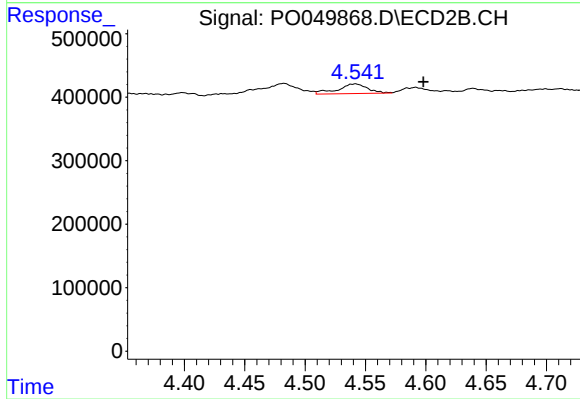
#3 AR-1016-1

R.T.: 4.542 min  
Delta R.T.: -0.038 min  
Response: 257347  
Conc: 21.22 ng/ml



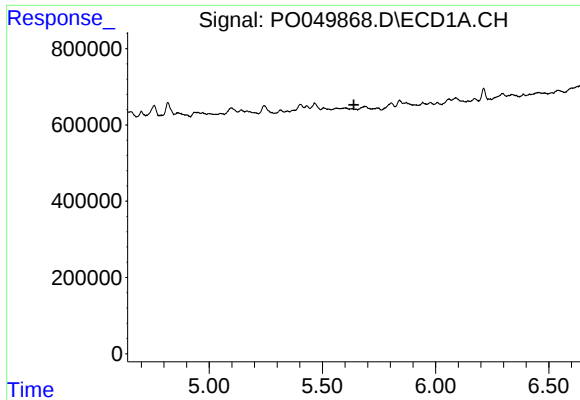
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.577 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

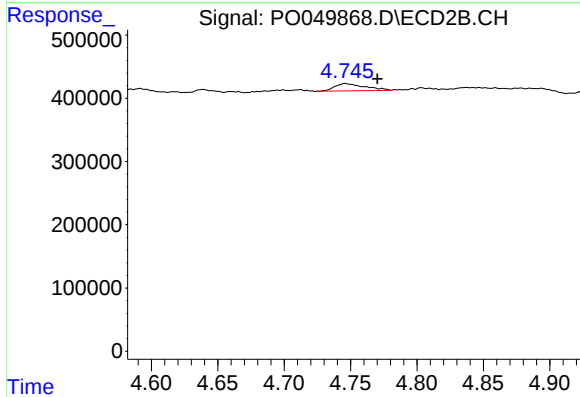
R.T.: 4.542 min  
Delta R.T.: -0.056 min  
Response: 257347  
Conc: 15.84 ng/ml



#5 AR-1016-3

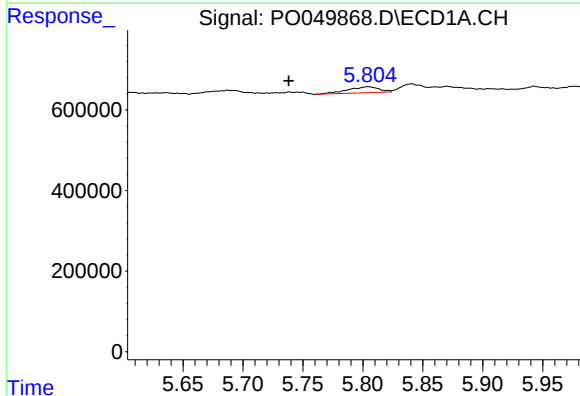
R.T.: 0.000 min  
Exp R.T.: 5.639 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



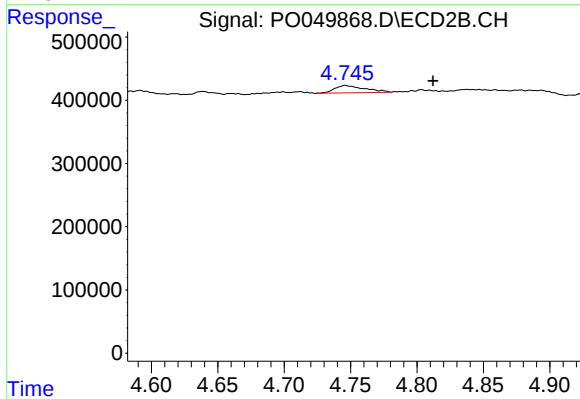
#5 AR-1016-3

R.T.: 4.746 min  
Delta R.T.: -0.024 min  
Response: 182197  
Conc: 18.88 ng/ml



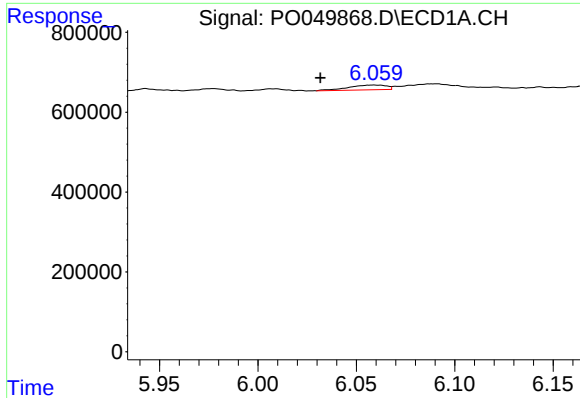
#6 AR-1016-4

R.T.: 5.804 min  
Delta R.T.: 0.066 min  
Response: 276282  
Conc: 32.89 ng/ml



#6 AR-1016-4

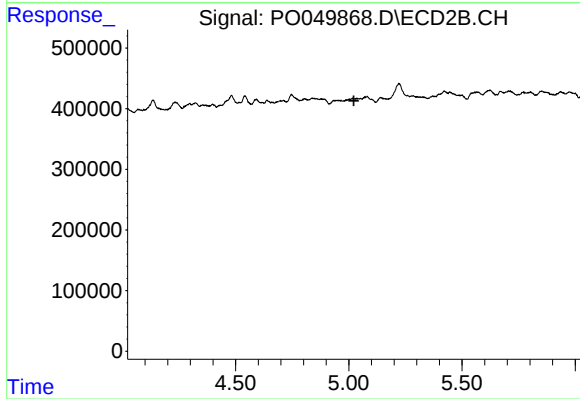
R.T.: 4.746 min  
Delta R.T.: -0.066 min  
Response: 182197  
Conc: 25.58 ng/ml



#7 AR-1016-5

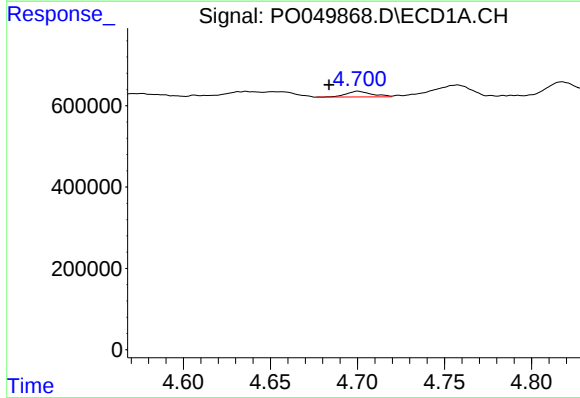
R.T.: 6.059 min  
Delta R.T.: 0.027 min  
Response: 160633  
Conc: 18.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



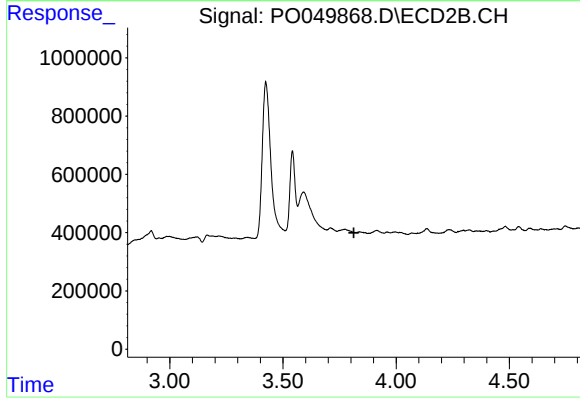
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.022 min  
Response: 0  
Conc: N.D.



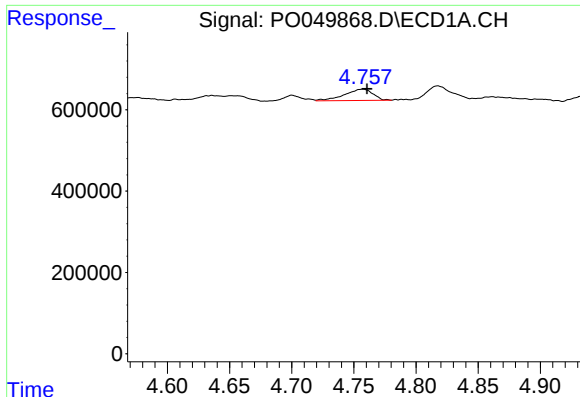
#9 AR-1221-2

R.T.: 4.700 min  
Delta R.T.: 0.017 min  
Response: 141478  
Conc: 77.59 ng/ml



#9 AR-1221-2

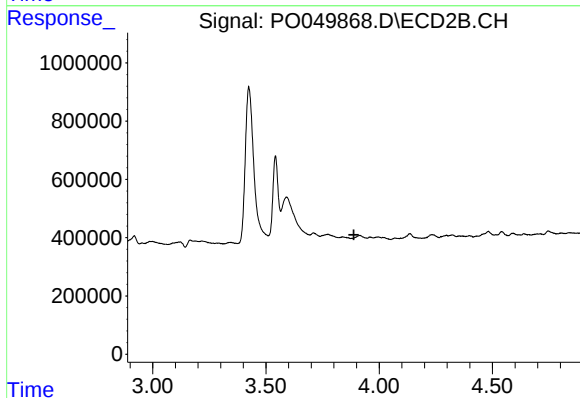
R.T.: 0.000 min  
Exp R.T. : 3.813 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

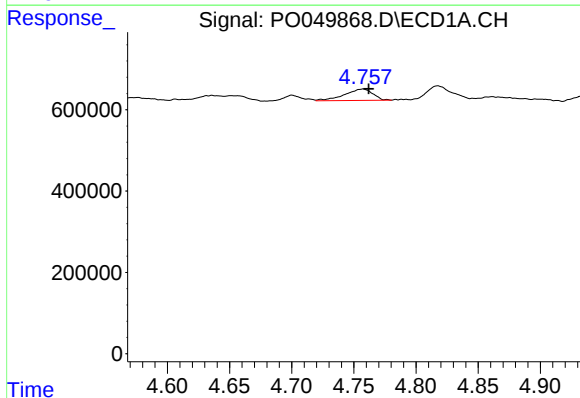
R.T.: 4.757 min  
Delta R.T.: -0.003 min  
Response: 438136  
Conc: 74.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



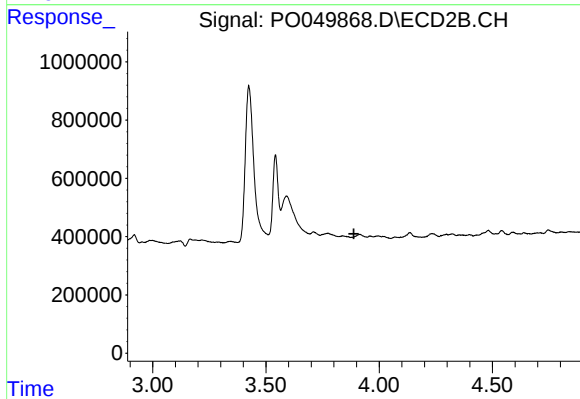
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 3.888 min  
Response: 0  
Conc: N.D.



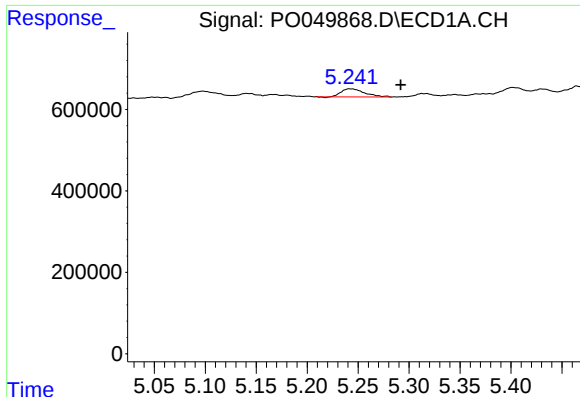
#11 AR-1232-1

R.T.: 4.757 min  
Delta R.T.: -0.005 min  
Response: 438136  
Conc: 93.34 ng/ml



#11 AR-1232-1

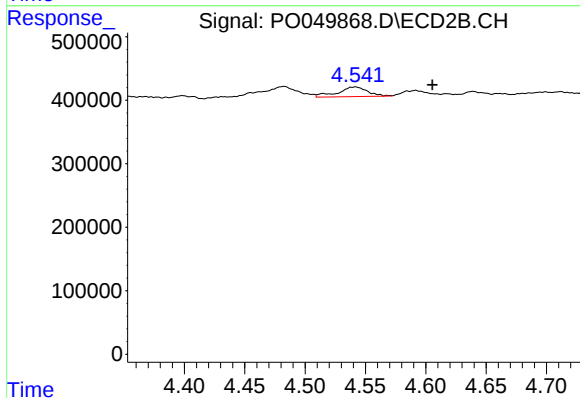
R.T.: 0.000 min  
Exp R.T. : 3.889 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

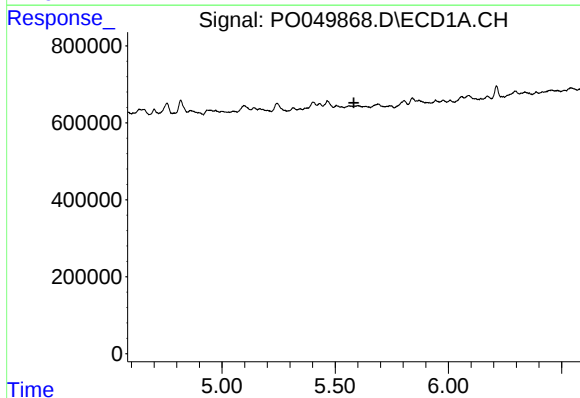
R.T.: 5.242 min  
Delta R.T.: -0.050 min  
Response: 317667  
Conc: 130.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



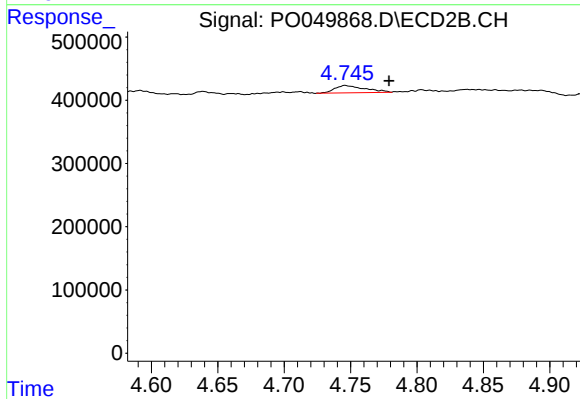
#12 AR-1232-2

R.T.: 4.542 min  
Delta R.T.: -0.064 min  
Response: 257347  
Conc: 44.23 ng/ml



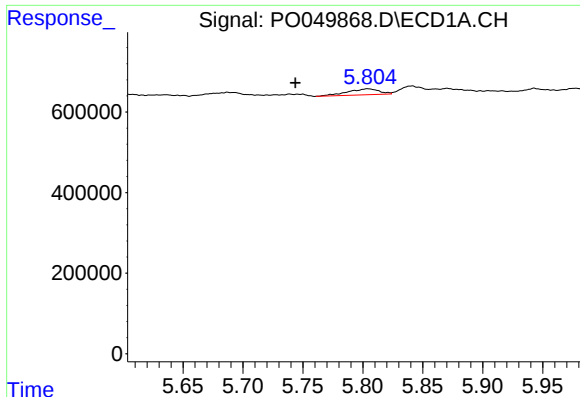
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.583 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

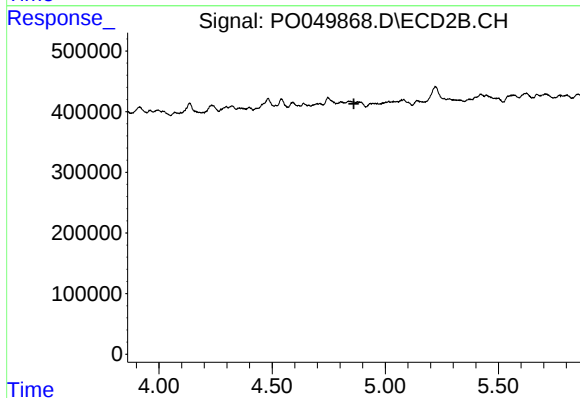
R.T.: 4.746 min  
Delta R.T.: -0.033 min  
Response: 182197  
Conc: 55.30 ng/ml



#14 AR-1232-4

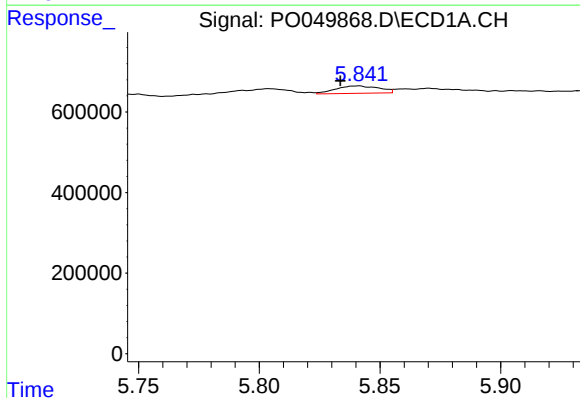
R.T.: 5.804 min  
Delta R.T.: 0.060 min  
Response: 276282  
Conc: 99.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



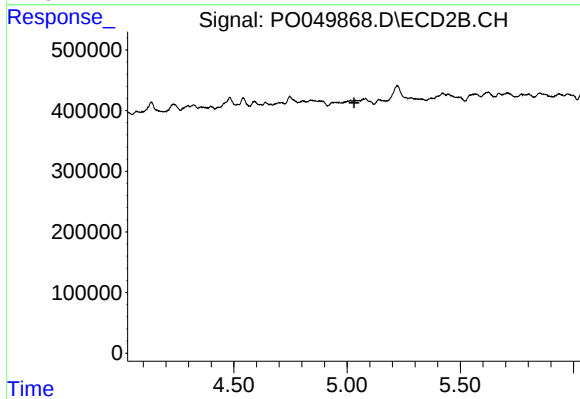
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 4.861 min  
Response: 0  
Conc: N.D.



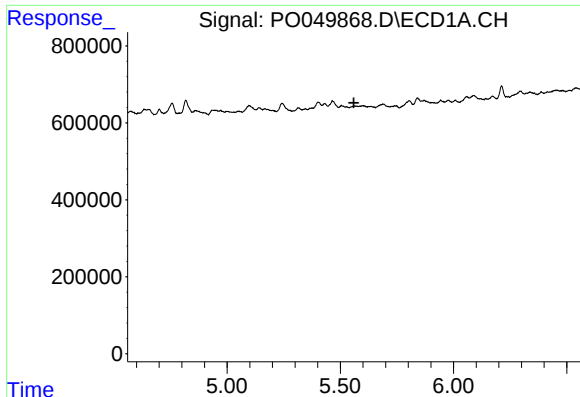
#15 AR-1232-5

R.T.: 5.841 min  
Delta R.T.: 0.007 min  
Response: 232506  
Conc: 119.84 ng/ml



#15 AR-1232-5

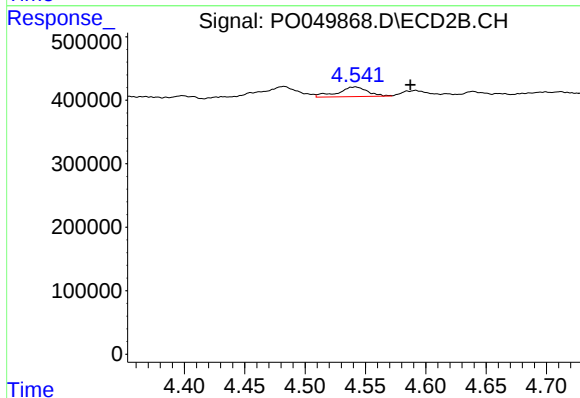
R.T.: 0.000 min  
Exp R.T. : 5.030 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

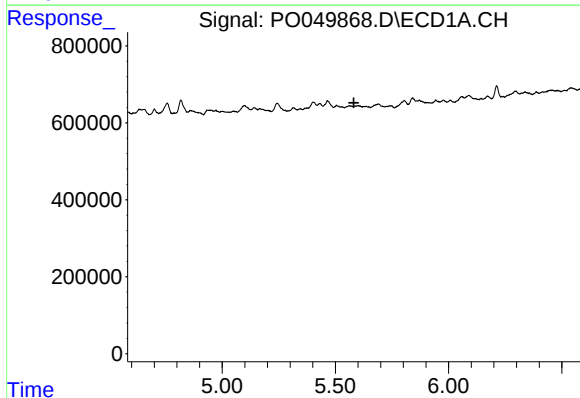
R.T.: 0.000 min  
Exp R.T. : 5.560 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



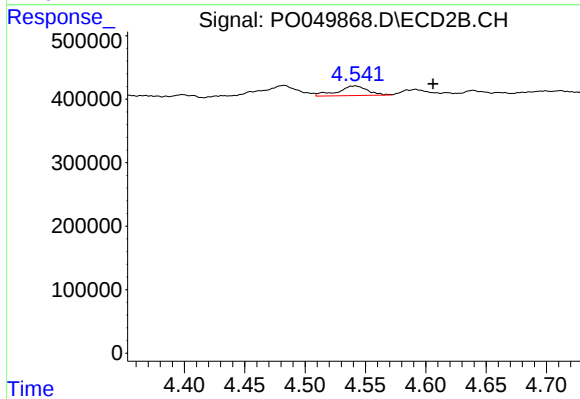
#16 AR-1242-1

R.T.: 4.542 min  
Delta R.T.: -0.046 min  
Response: 257347  
Conc: 31.03 ng/ml



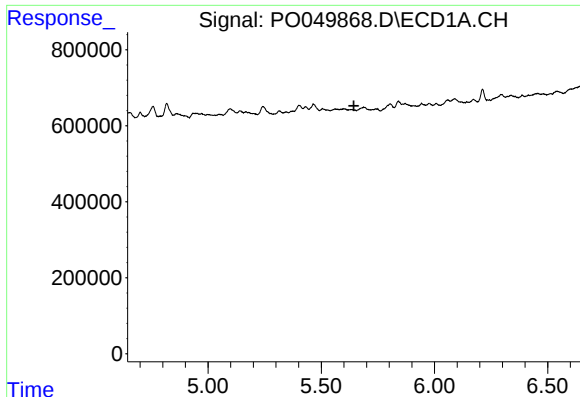
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.582 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

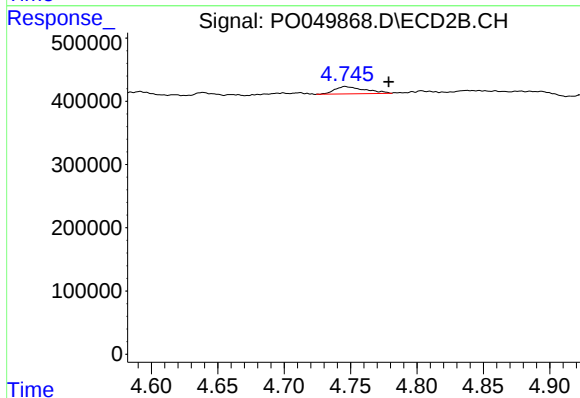
R.T.: 4.542 min  
Delta R.T.: -0.064 min  
Response: 257347  
Conc: 22.34 ng/ml



#18 AR-1242-3

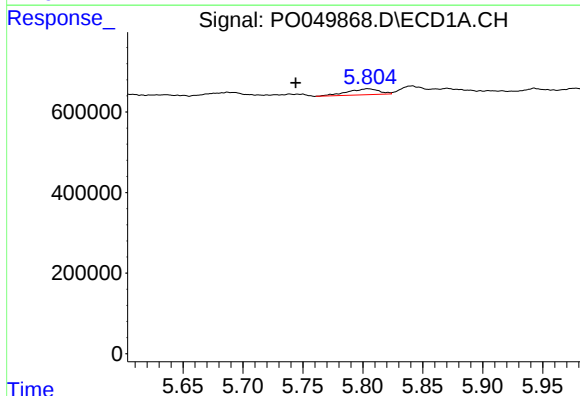
R.T.: 0.000 min  
Exp R.T.: 5.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



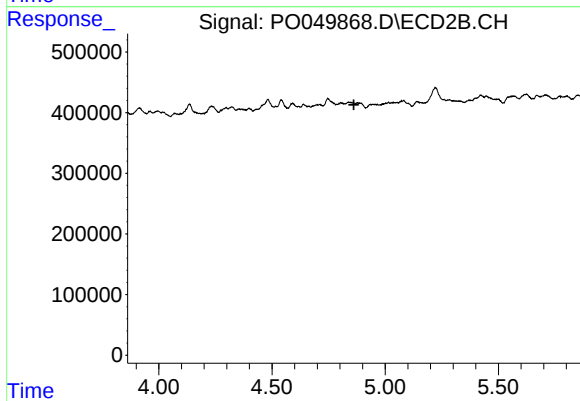
#18 AR-1242-3

R.T.: 4.746 min  
Delta R.T.: -0.033 min  
Response: 182197  
Conc: 28.36 ng/ml



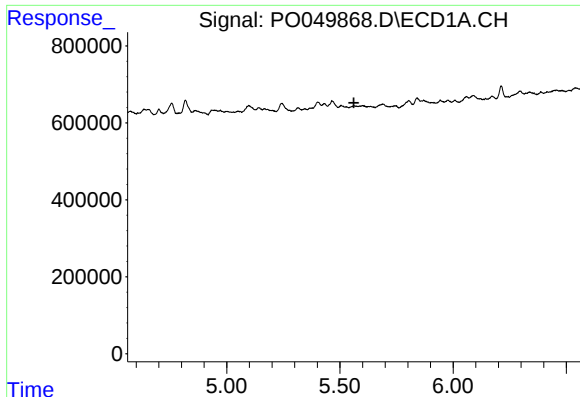
#19 AR-1242-4

R.T.: 5.804 min  
Delta R.T.: 0.060 min  
Response: 276282  
Conc: 46.48 ng/ml



#19 AR-1242-4

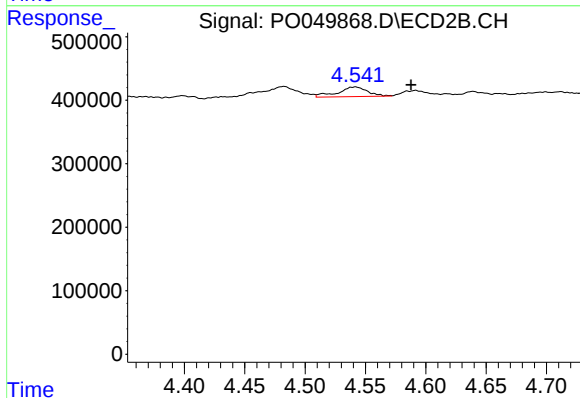
R.T.: 0.000 min  
Exp R.T.: 4.861 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

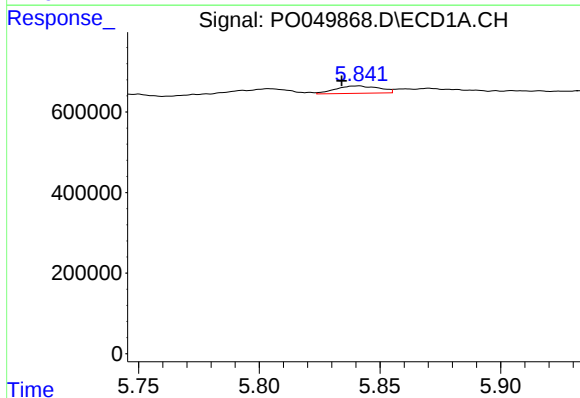
R.T.: 0.000 min  
Exp R.T.: 5.561 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



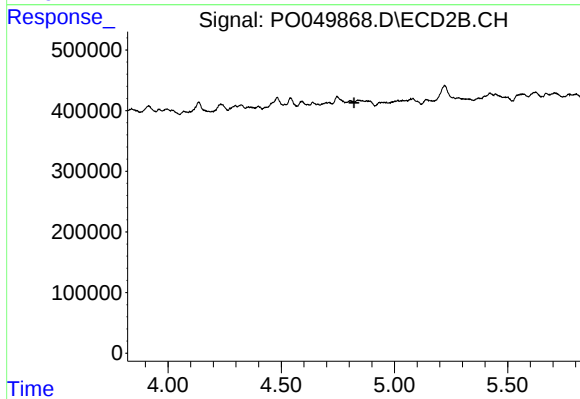
#21 AR-1248-1

R.T.: 4.542 min  
Delta R.T.: -0.046 min  
Response: 257347  
Conc: 38.78 ng/ml



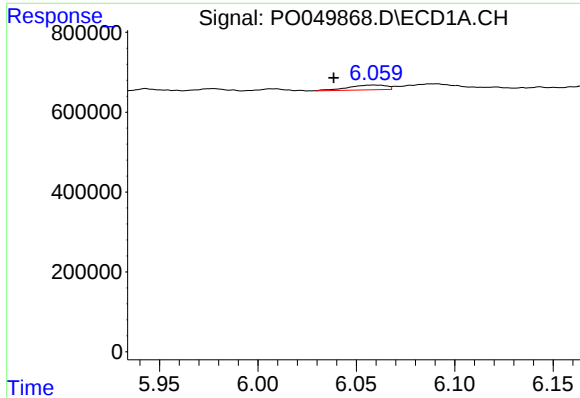
#22 AR-1248-2

R.T.: 5.841 min  
Delta R.T.: 0.006 min  
Response: 232506  
Conc: 27.94 ng/ml



#22 AR-1248-2

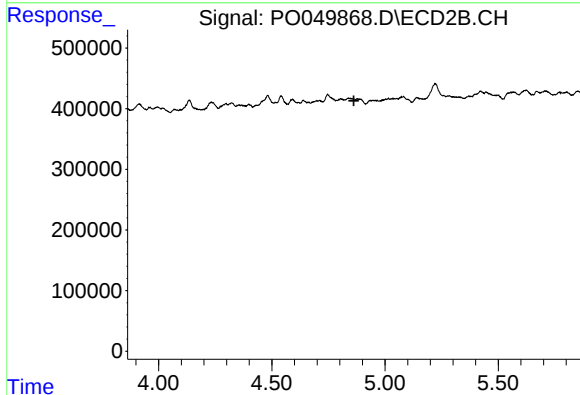
R.T.: 0.000 min  
Exp R.T.: 4.821 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

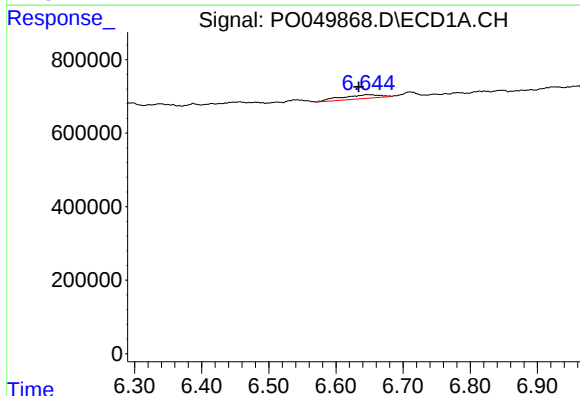
R.T.: 6.059 min  
Delta R.T.: 0.020 min  
Response: 160633  
Conc: 16.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



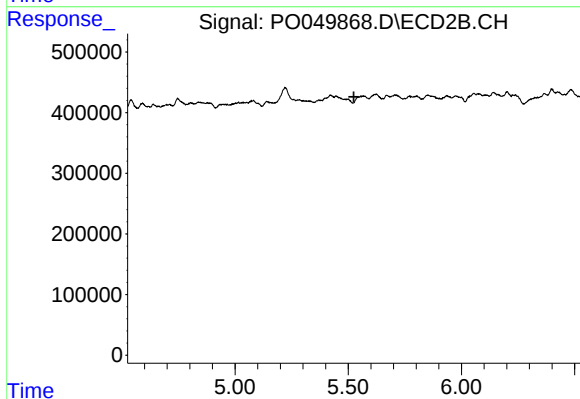
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 4.862 min  
Response: 0  
Conc: N.D.



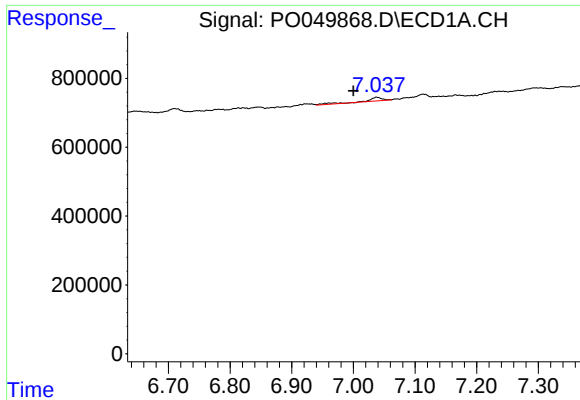
#27 AR-1254-2

R.T.: 6.646 min  
Delta R.T.: 0.012 min  
Response: 416581  
Conc: 18.87 ng/ml



#27 AR-1254-2

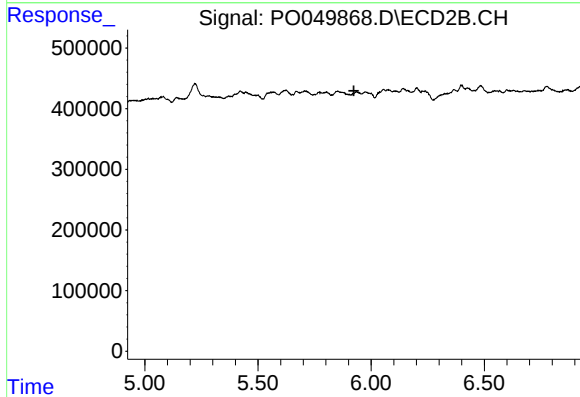
R.T.: 0.000 min  
Exp R.T. : 5.525 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

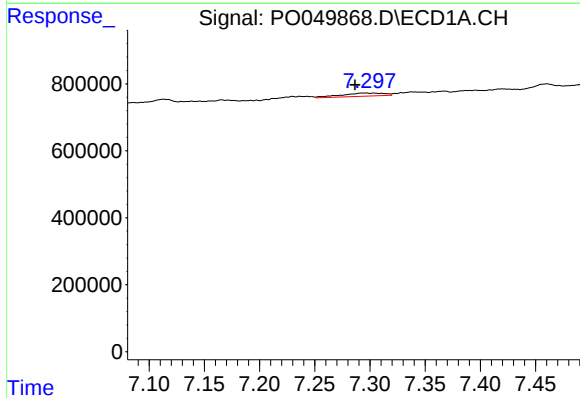
R.T.: 7.038 min  
Delta R.T.: 0.037 min  
Response: 183991  
Conc: 7.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



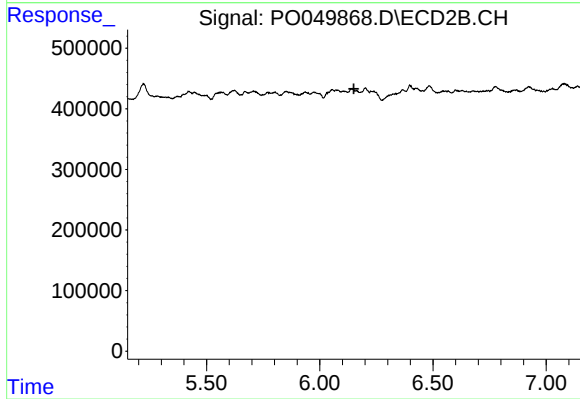
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.924 min  
Response: 0  
Conc: N.D.



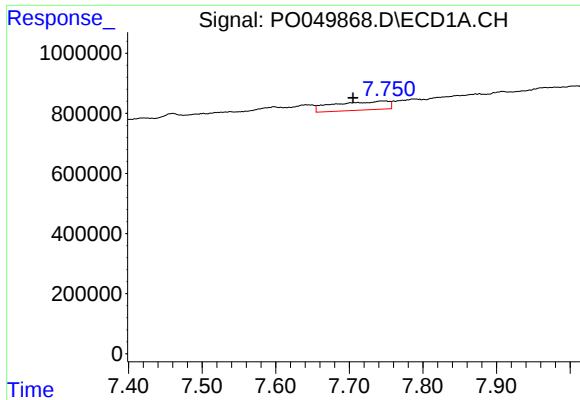
#29 AR-1254-4

R.T.: 7.304 min  
Delta R.T.: 0.017 min  
Response: 253402  
Conc: 12.36 ng/ml



#29 AR-1254-4

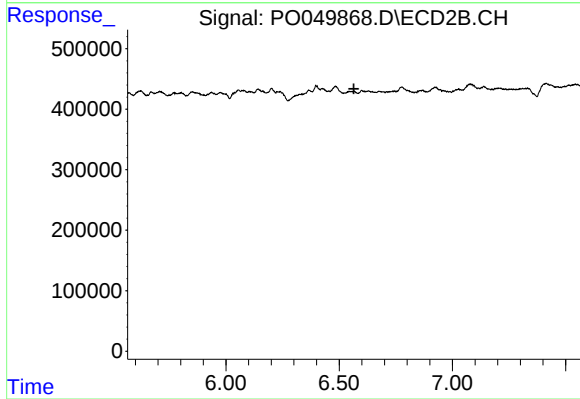
R.T.: 0.000 min  
Exp R.T. : 6.151 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

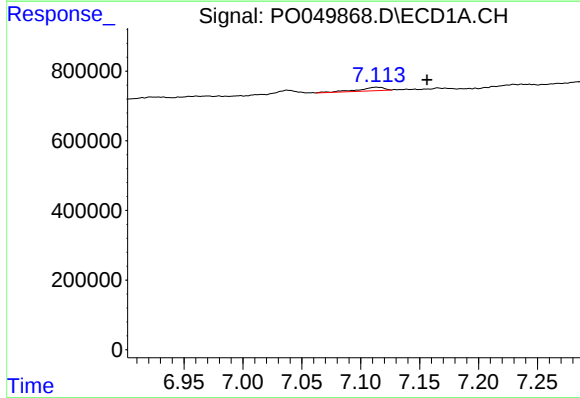
R.T.: 7.743 min  
Delta R.T.: 0.038 min  
Response: 1487781  
Conc: 77.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



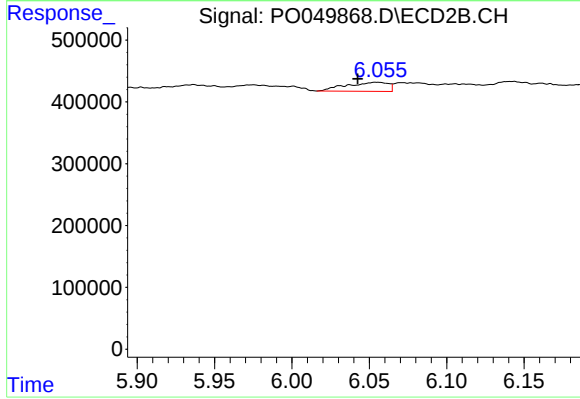
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 6.565 min  
Response: 0  
Conc: N.D.



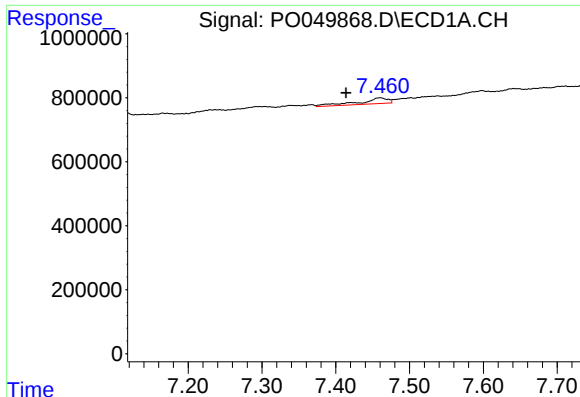
#31 AR-1260-1

R.T.: 7.113 min  
Delta R.T.: -0.043 min  
Response: 151521  
Conc: 8.21 ng/ml



#31 AR-1260-1

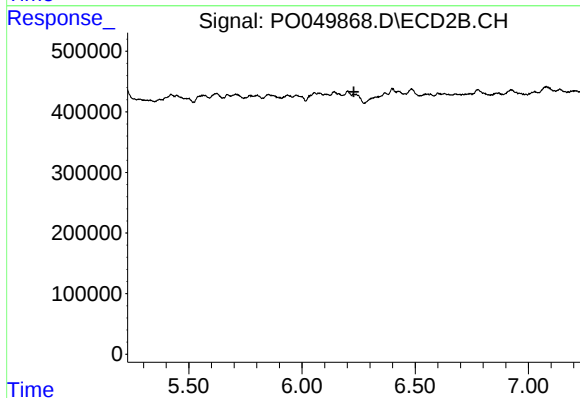
R.T.: 6.055 min  
Delta R.T.: 0.013 min  
Response: 273142  
Conc: 13.23 ng/ml



#32 AR-1260-2

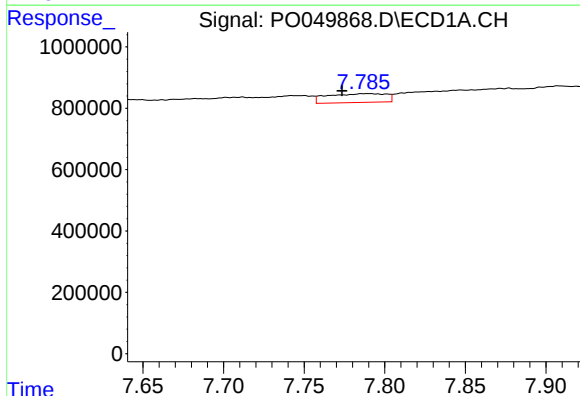
R.T.: 7.460 min  
Delta R.T.: 0.046 min  
Response: 494804  
Conc: 20.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



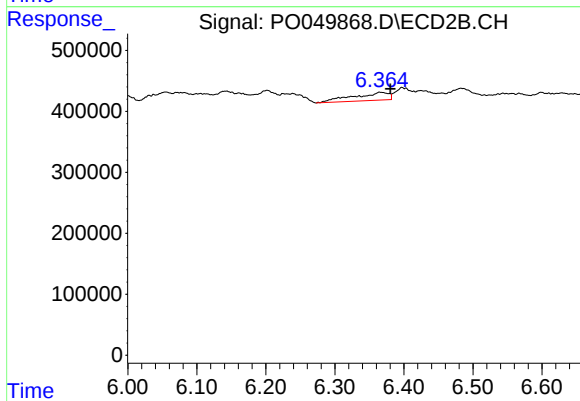
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 6.229 min  
Response: 0  
Conc: N.D.



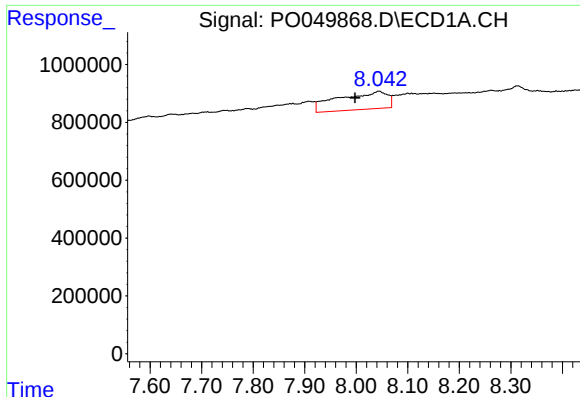
#33 AR-1260-3

R.T.: 7.789 min  
Delta R.T.: 0.016 min  
Response: 733212  
Conc: 38.78 ng/ml



#33 AR-1260-3

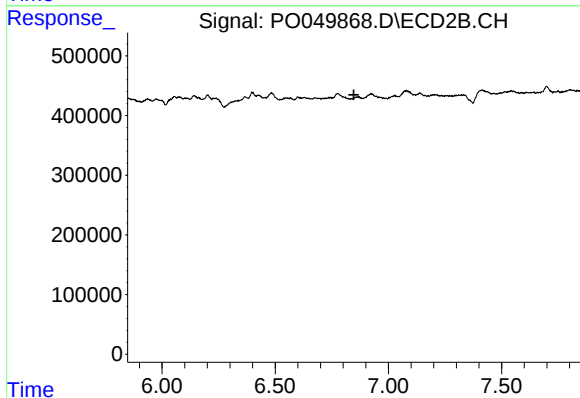
R.T.: 6.365 min  
Delta R.T.: -0.015 min  
Response: 466241  
Conc: 19.13 ng/ml



#34 AR-1260-4

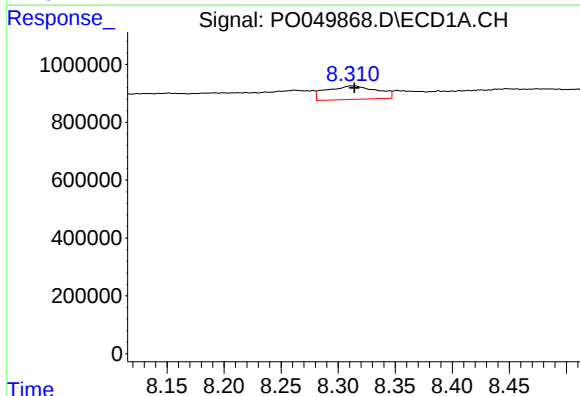
R.T.: 8.044 min  
Delta R.T.: 0.046 min  
Response: 4050789  
Conc: 213.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



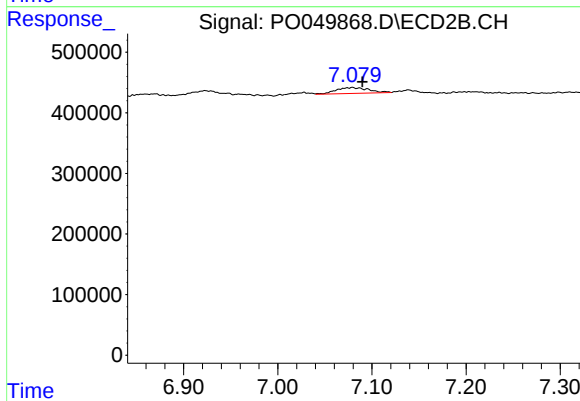
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.848 min  
Response: 0  
Conc: N.D.



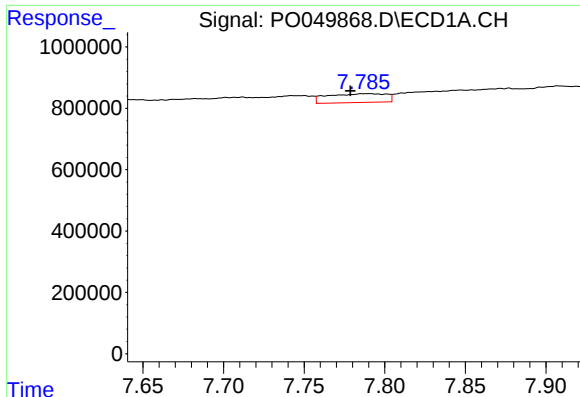
#35 AR-1260-5

R.T.: 8.313 min  
Delta R.T.: -0.001 min  
Response: 1442719  
Conc: 34.10 ng/ml



#35 AR-1260-5

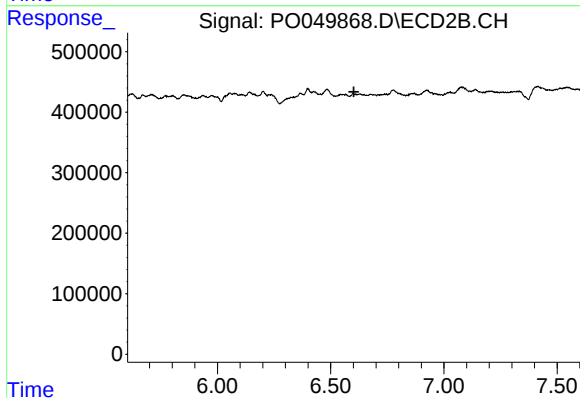
R.T.: 7.079 min  
Delta R.T.: -0.011 min  
Response: 231054  
Conc: 4.51 ng/ml



#36 AR-1262-1

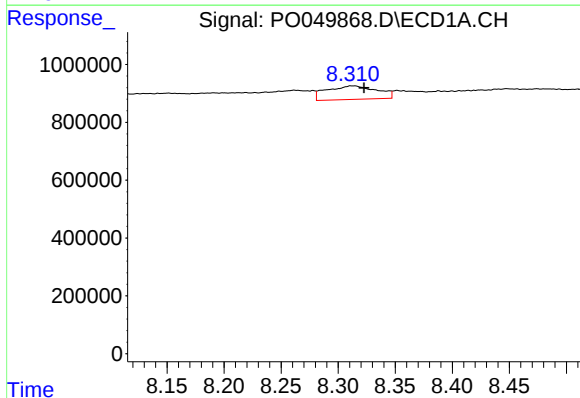
R.T.: 7.789 min  
Delta R.T.: 0.010 min  
Response: 733212  
Conc: 34.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



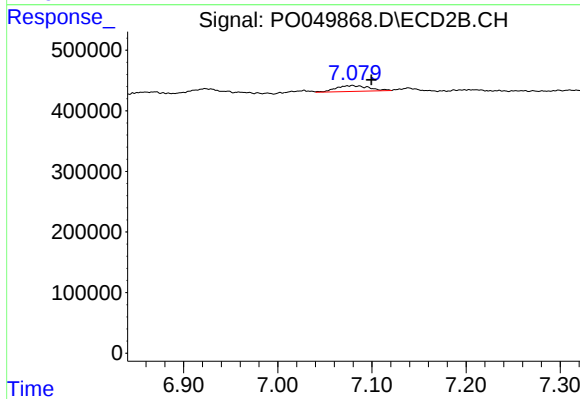
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 6.602 min  
Response: 0  
Conc: N.D.



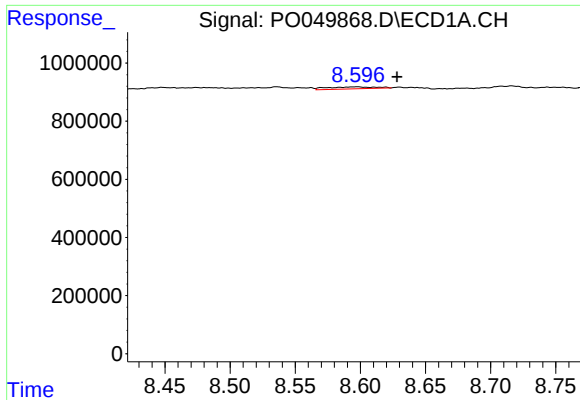
#37 AR-1262-2

R.T.: 8.313 min  
Delta R.T.: -0.010 min  
Response: 1442719  
Conc: 38.72 ng/ml



#37 AR-1262-2

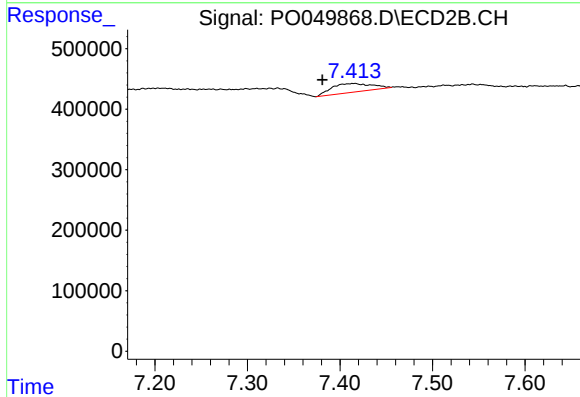
R.T.: 7.079 min  
Delta R.T.: -0.020 min  
Response: 231054  
Conc: 5.46 ng/ml



#38 AR-1262-3

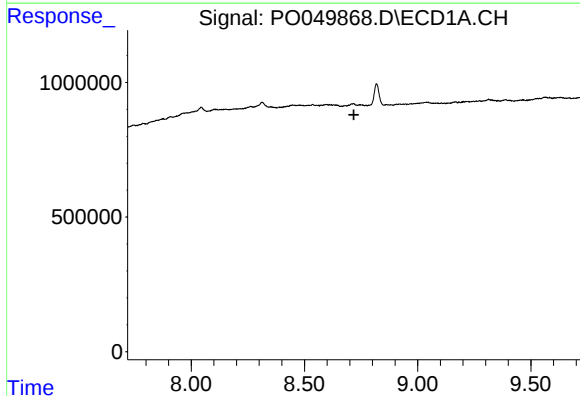
R.T.: 8.597 min  
Delta R.T.: -0.031 min  
Response: 179354  
Conc: 7.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



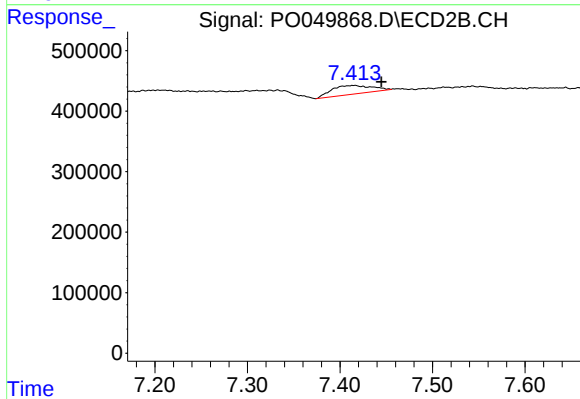
#38 AR-1262-3

R.T.: 7.415 min  
Delta R.T.: 0.034 min  
Response: 434075  
Conc: 25.79 ng/ml



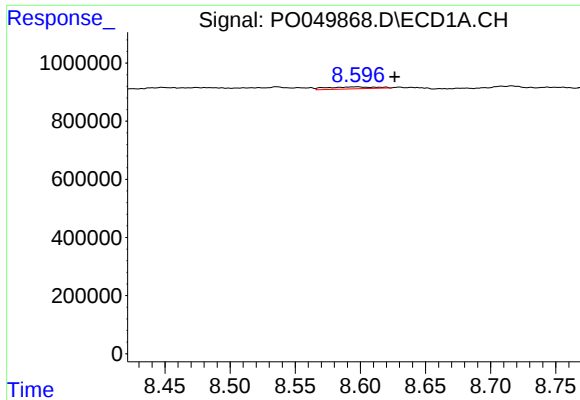
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.719 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

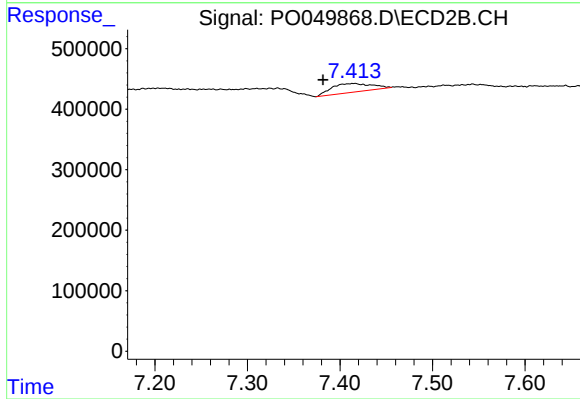
R.T.: 7.415 min  
Delta R.T.: -0.029 min  
Response: 434075  
Conc: 14.73 ng/ml



#41 AR-1268-1

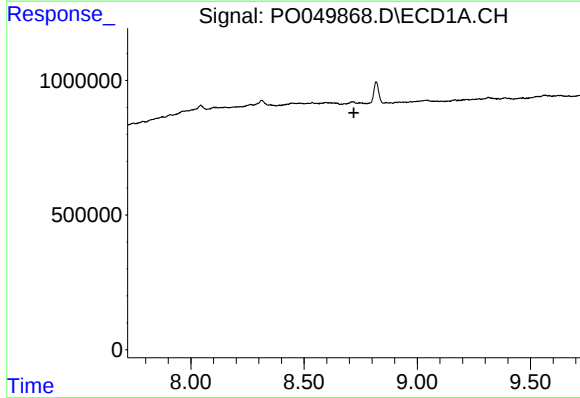
R.T.: 8.597 min  
Delta R.T.: -0.029 min  
Response: 179354  
Conc: 3.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



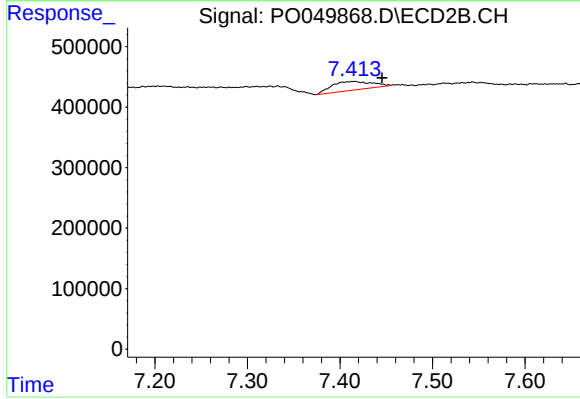
#41 AR-1268-1

R.T.: 7.415 min  
Delta R.T.: 0.034 min  
Response: 434075  
Conc: 8.11 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.720 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.415 min  
Delta R.T.: -0.030 min  
Response: 434075  
Conc: 8.95 ng/ml