

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0092818\  
 Data File : P0049468.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Sep 2018 4:01  
 Operator : SM/SJ  
 Sample : J5133-04  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 29 05:04:50 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0092818.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Sep 29 00:05:46 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... | 4.389  | 3.520 | 3885357 | 3466107 | 18.516  | 20.263    |
| 2)                          | SA Decachlor... | 10.100 | 8.450 | 4131404 | 2898928 | 11.506  | 12.021    |
| Target Compounds            |                 |        |       |         |         |         |           |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.676 | 0       | 144413  | N.D.    | 13.203 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.790 | 0       | 387533  | N.D.    | 59.325 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.844 | 0       | 236520  | N.D.    | 50.103 #  |
| 7)                          | L1 AR-1016-5    | 6.061  | 0.000 | 329198  | 0       | 45.437  | N.D. #    |
| 8)                          | L2 AR-1221-1    | 4.666  | 3.685 | 541310  | 466914  | 250.789 | 227.774   |
| 9)                          | L2 AR-1221-2    | 4.666  | 0.000 | 541310  | 0       | 337.965 | N.D. #    |
| 10)                         | L2 AR-1221-3    | 4.775  | 3.903 | 948724  | 207689  | 176.325 | 42.718 #  |
| 11)                         | L3 AR-1232-1    | 4.775  | 3.903 | 948724  | 207689  | 230.914 | 62.033 #  |
| 12)                         | L3 AR-1232-2    | 5.255  | 0.000 | 488332  | 0       | 227.235 | N.D. #    |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.790 | 0       | 387533  | N.D.    | 168.904 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.844 | 0       | 236520  | N.D.    | 123.568 # |
| 15)                         | L3 AR-1232-5    | 5.817  | 0.000 | 452197  | 0       | 261.972 | N.D. #    |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.676 | 0       | 144413  | N.D.    | 14.057 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.790 | 0       | 387533  | N.D.    | 67.183 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.844 | 0       | 236520  | N.D.    | 44.000 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.365 | 0       | 733188  | N.D.    | 100.681 # |
| 22)                         | L5 AR-1248-2    | 5.817  | 4.844 | 452197  | 236520  | 61.265  | 33.770 #  |
| 23)                         | L5 AR-1248-3    | 6.061  | 4.844 | 329198  | 236520  | 36.737  | 32.496    |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.365 | 0       | 733188  | N.D.    | 75.475 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.365 | 0       | 733188  | N.D.    | 43.837 #  |
| 27)                         | L6 AR-1254-2    | 6.643  | 5.489 | 157652  | 429931  | 8.647   | 29.321 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.175 | 0       | 292334  | N.D.    | 17.225 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.607 | 0       | 287566  | N.D.    | 12.531 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.052 | 0       | 628276  | N.D.    | 41.735 #  |
| 32)                         | L7 AR-1260-2    | 7.431  | 6.175 | 393362  | 292334  | 18.941  | 15.038    |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.376 | 0       | 467829  | N.D.    | 26.660 #  |
| 34)                         | L7 AR-1260-4    | 7.980  | 0.000 | 243474  | 0       | 14.809  | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.336  | 7.050 | 283520  | 298973  | 7.799   | 8.427     |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.607 | 0       | 287566  | N.D.    | 13.323 #  |
| 37)                         | L8 AR-1262-2    | 8.336  | 7.050 | 283520  | 298973  | 8.568   | 7.880     |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.402 | 0       | 863277  | N.D.    | 55.662 #  |
| 39)                         | L8 AR-1262-4    | 8.735  | 7.444 | 204636  | 140685  | 17.540  | 5.091 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.402 | 0       | 863277  | N.D.    | 17.702 #  |
| 42)                         | L9 AR-1268-2    | 8.735  | 7.444 | 204636  | 140685  | 4.749   | 3.153 #   |
| -----                       |                 |        |       |         |         |         |           |

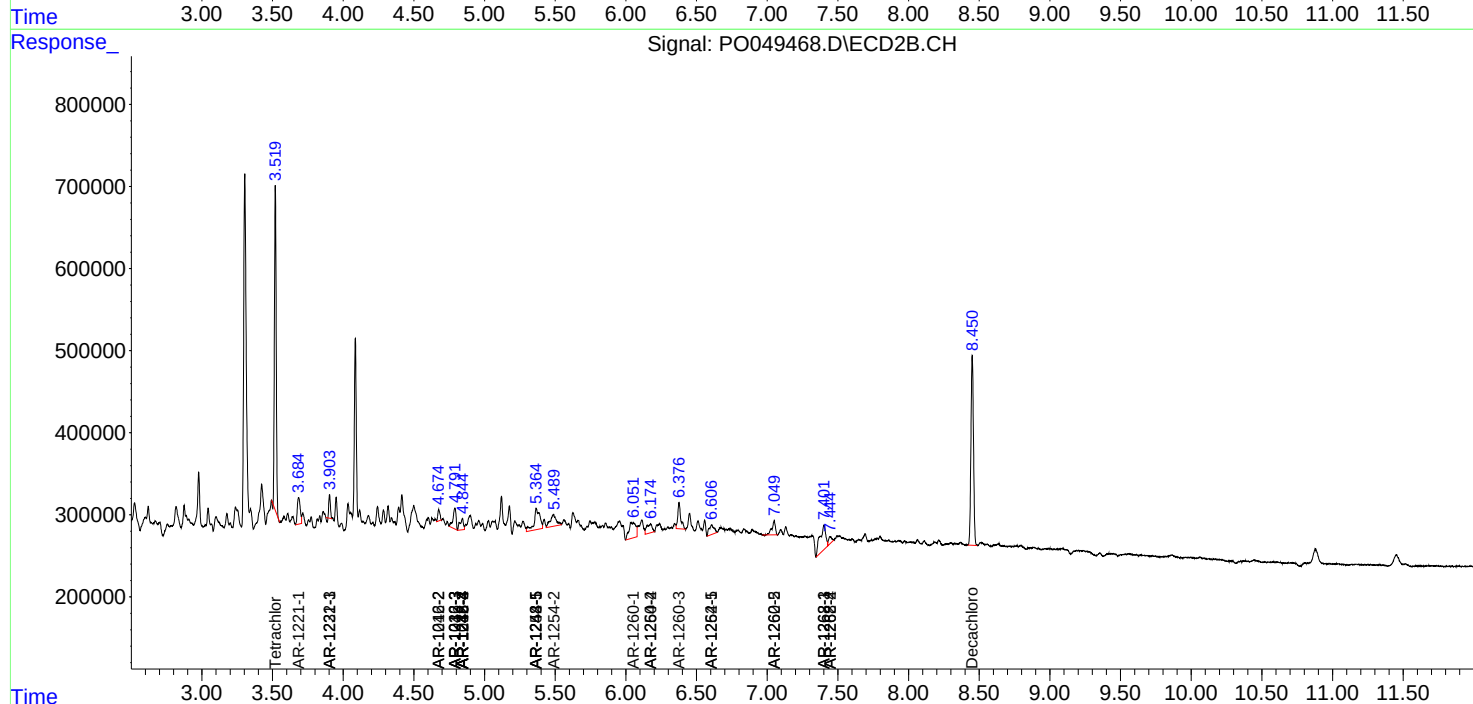
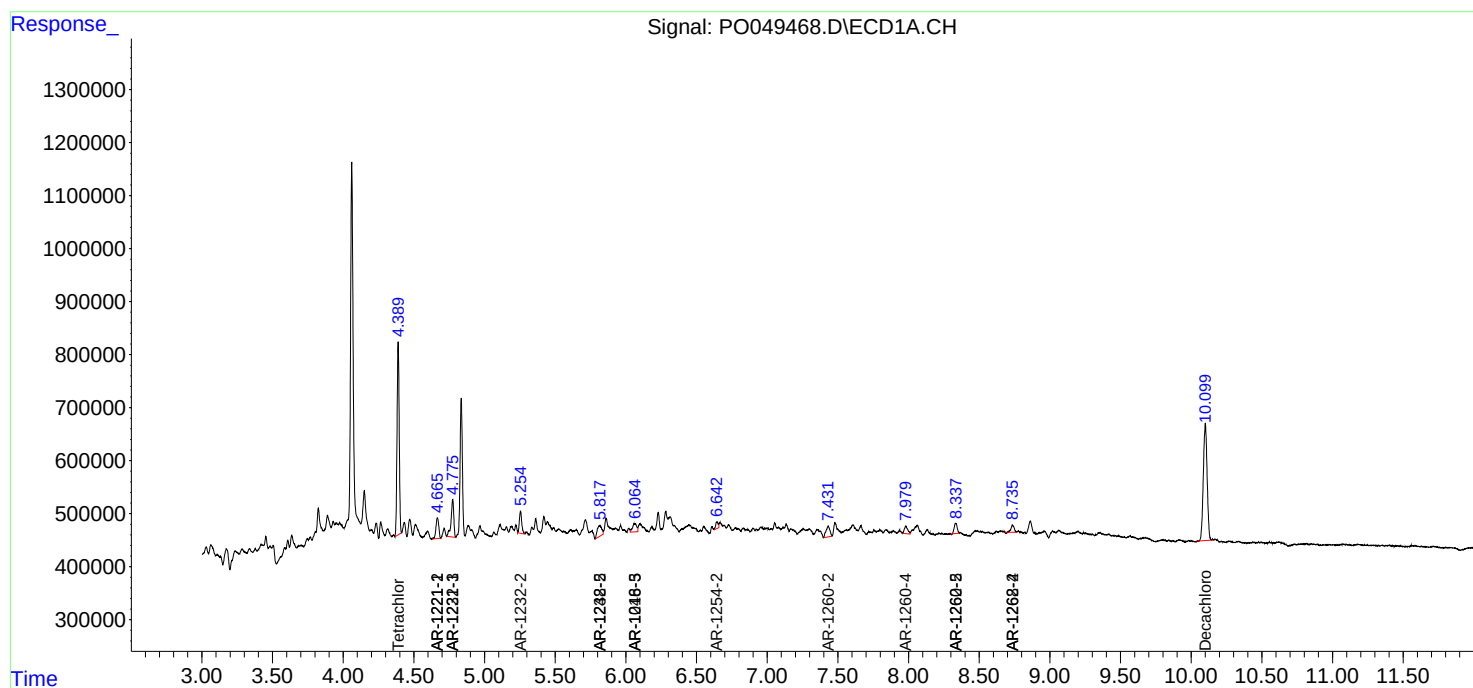
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

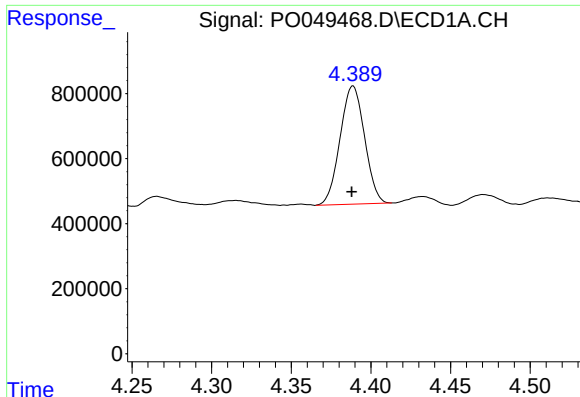
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO092818\  
Data File : PO049468.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 29 Sep 2018 4:01  
Operator : SM/SJ  
Sample : J5133-04  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 29 05:04:50 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO092818.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Sep 29 00:05:46 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

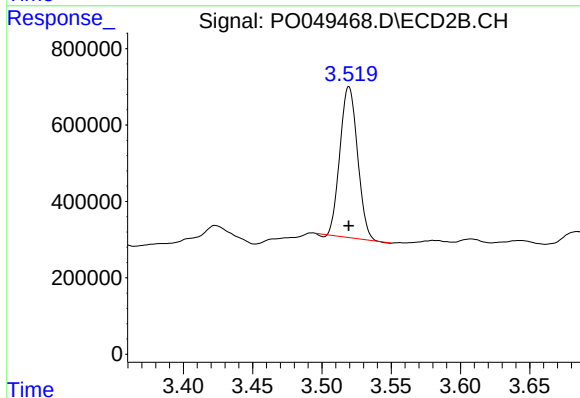




#1 Tetrachloro-m-xylene

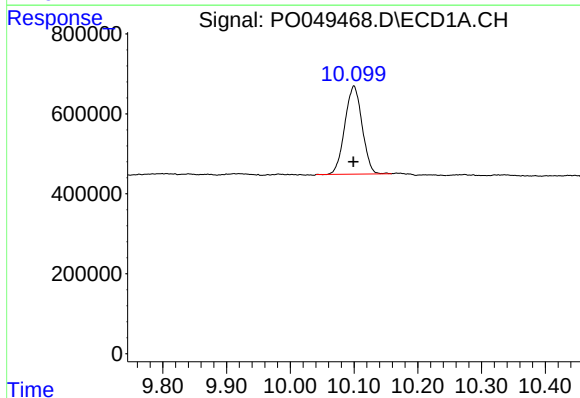
R.T.: 4.389 min  
Delta R.T.: 0.000 min  
Response: 3885357  
Conc: 18.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



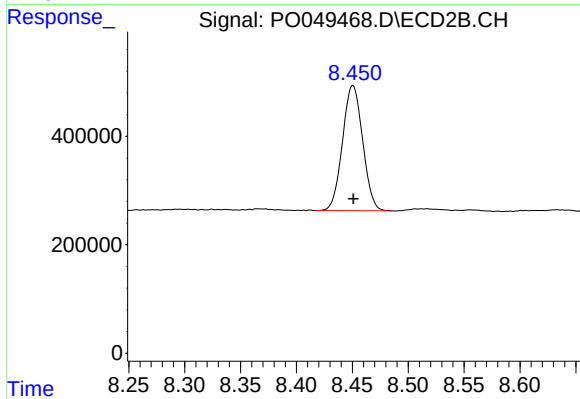
#1 Tetrachloro-m-xylene

R.T.: 3.520 min  
Delta R.T.: 0.000 min  
Response: 3466107  
Conc: 20.26 ng/ml



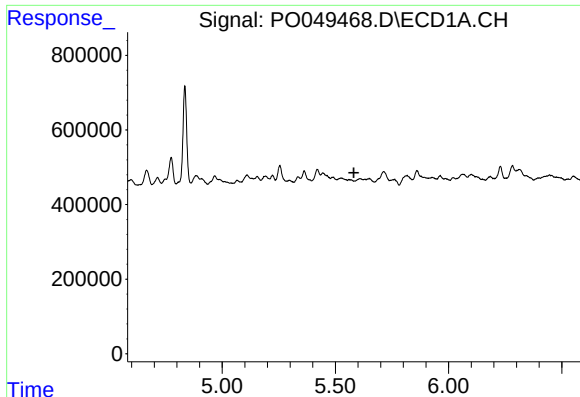
#2 Decachlorobiphenyl

R.T.: 10.100 min  
Delta R.T.: 0.001 min  
Response: 4131404  
Conc: 11.51 ng/ml



#2 Decachlorobiphenyl

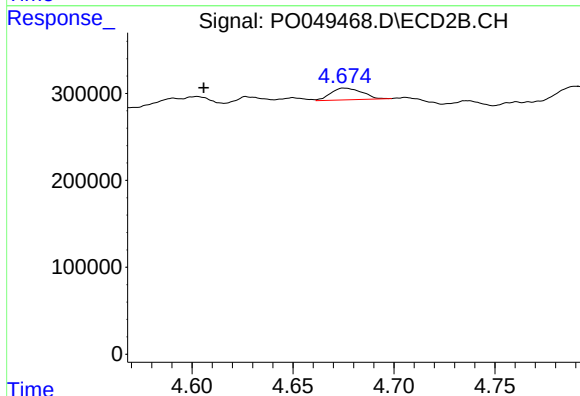
R.T.: 8.450 min  
Delta R.T.: 0.000 min  
Response: 2898928  
Conc: 12.02 ng/ml



#4 AR-1016-2

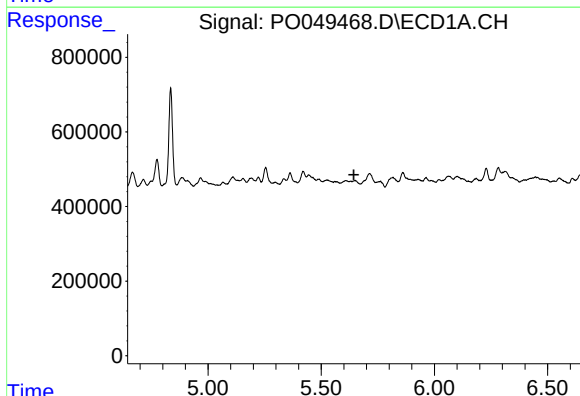
R.T.: 0.000 min  
Exp R.T.: 5.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



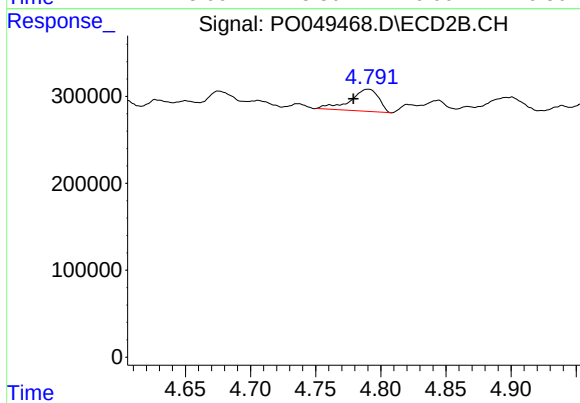
#4 AR-1016-2

R.T.: 4.676 min  
Delta R.T.: 0.070 min  
Response: 144413  
Conc: 13.20 ng/ml



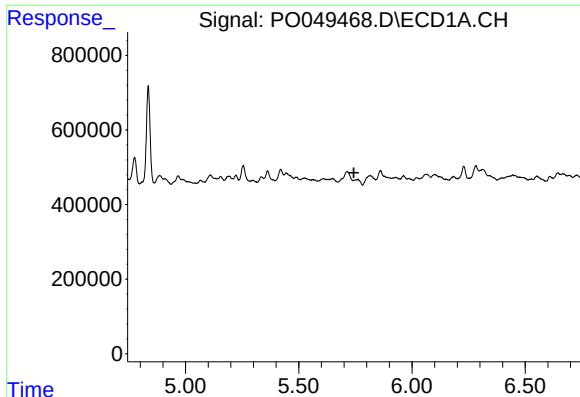
#5 AR-1016-3

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



#5 AR-1016-3

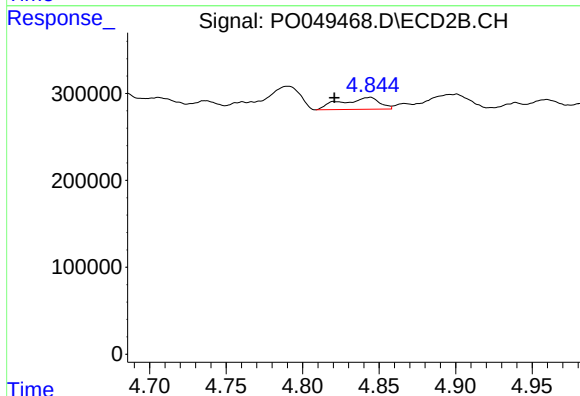
R.T.: 4.790 min  
Delta R.T.: 0.011 min  
Response: 387533  
Conc: 59.32 ng/ml



#6 AR-1016-4

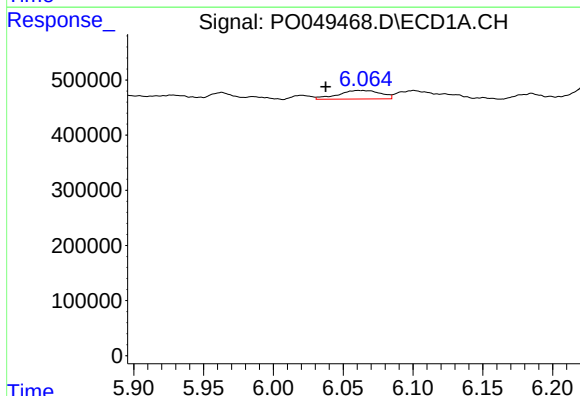
R.T.: 0.000 min  
Exp R.T.: 5.743 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



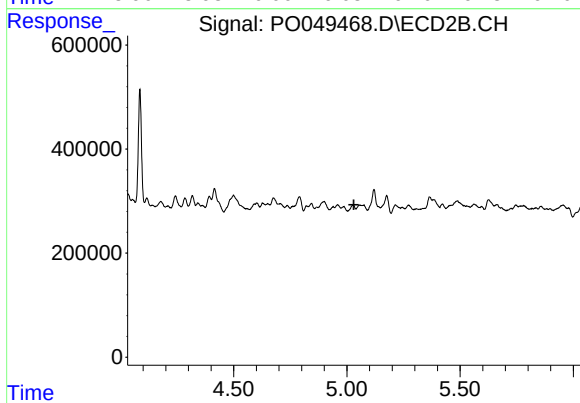
#6 AR-1016-4

R.T.: 4.844 min  
Delta R.T.: 0.023 min  
Response: 236520  
Conc: 50.10 ng/ml



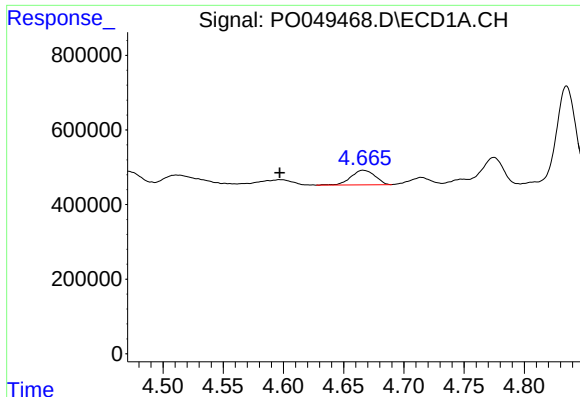
#7 AR-1016-5

R.T.: 6.061 min  
Delta R.T.: 0.024 min  
Response: 329198  
Conc: 45.44 ng/ml



#7 AR-1016-5

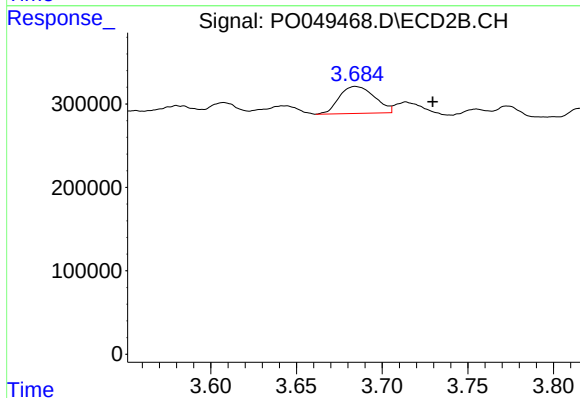
R.T.: 0.000 min  
Exp R.T.: 5.031 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

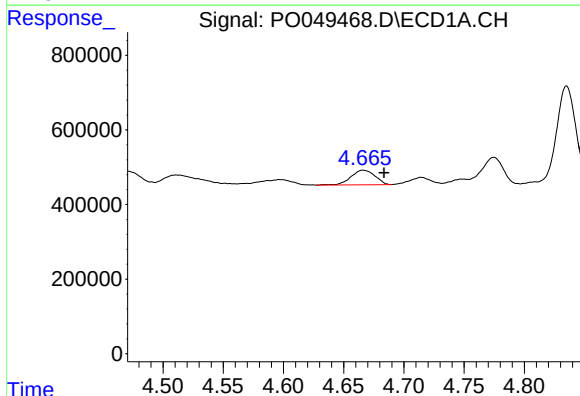
R.T.: 4.666 min  
Delta R.T.: 0.069 min  
Response: 541310  
Conc: 250.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



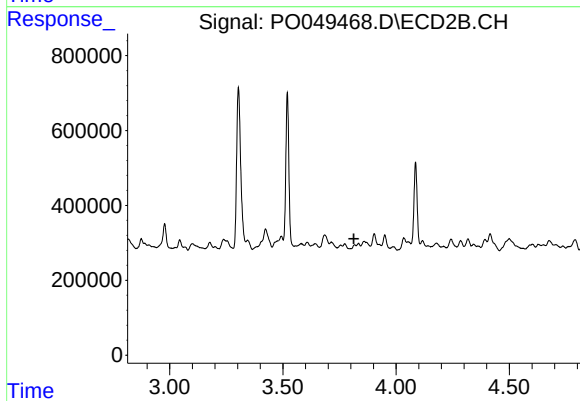
#8 AR-1221-1

R.T.: 3.685 min  
Delta R.T.: -0.045 min  
Response: 466914  
Conc: 227.77 ng/ml



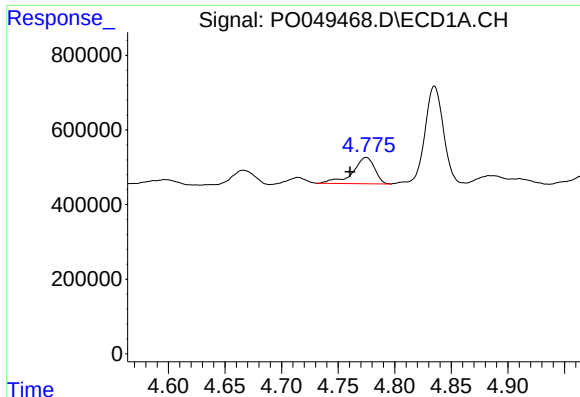
#9 AR-1221-2

R.T.: 4.666 min  
Delta R.T.: -0.017 min  
Response: 541310  
Conc: 337.97 ng/ml



#9 AR-1221-2

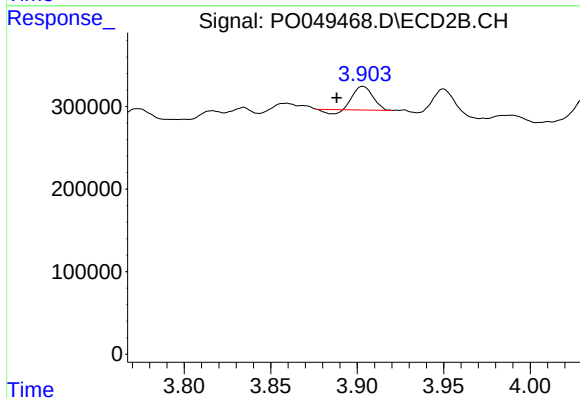
R.T.: 0.000 min  
Exp R.T. : 3.813 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

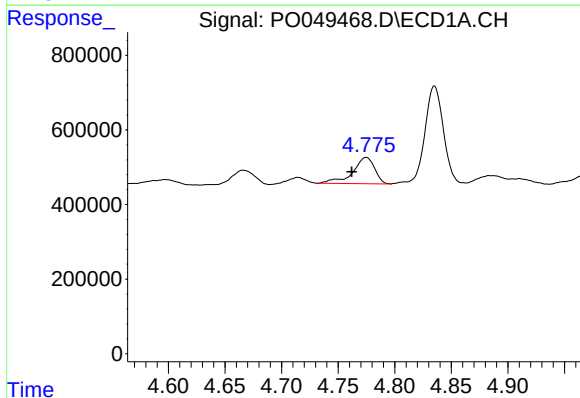
R.T.: 4.775 min  
Delta R.T.: 0.014 min  
Response: 948724  
Conc: 176.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



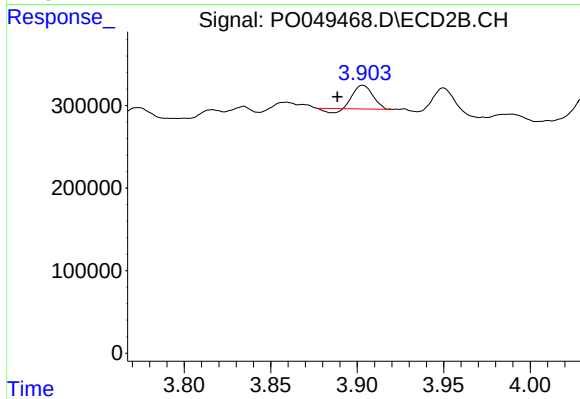
#10 AR-1221-3

R.T.: 3.903 min  
Delta R.T.: 0.015 min  
Response: 207689  
Conc: 42.72 ng/ml



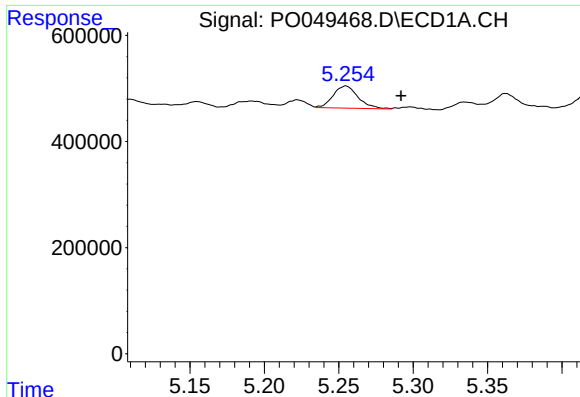
#11 AR-1232-1

R.T.: 4.775 min  
Delta R.T.: 0.013 min  
Response: 948724  
Conc: 230.91 ng/ml



#11 AR-1232-1

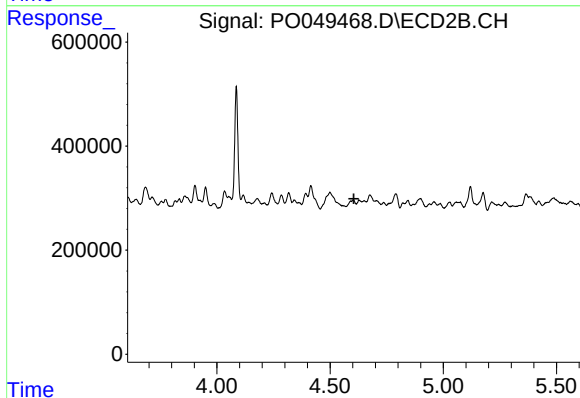
R.T.: 3.903 min  
Delta R.T.: 0.015 min  
Response: 207689  
Conc: 62.03 ng/ml



#12 AR-1232-2

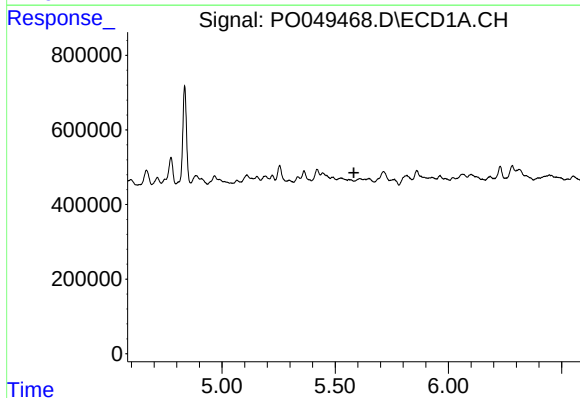
R.T.: 5.255 min  
Delta R.T.: -0.037 min  
Response: 488332  
Conc: 227.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



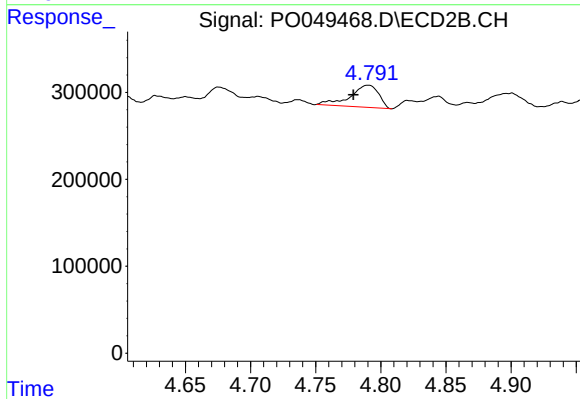
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 4.605 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

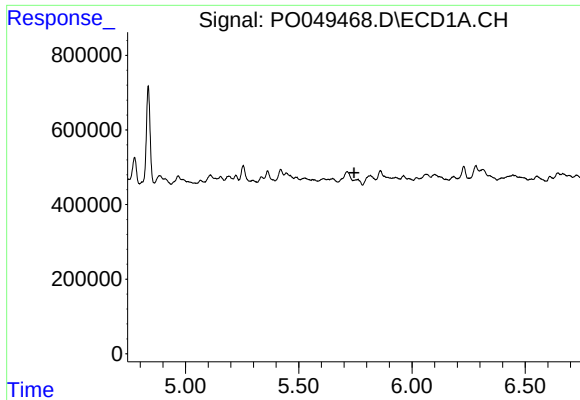
R.T.: 0.000 min  
Exp R.T. : 5.583 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

R.T.: 4.790 min  
Delta R.T.: 0.011 min  
Response: 387533  
Conc: 168.90 ng/ml

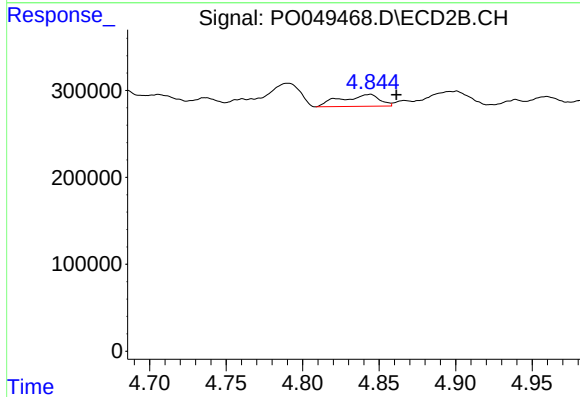




#14 AR-1232-4

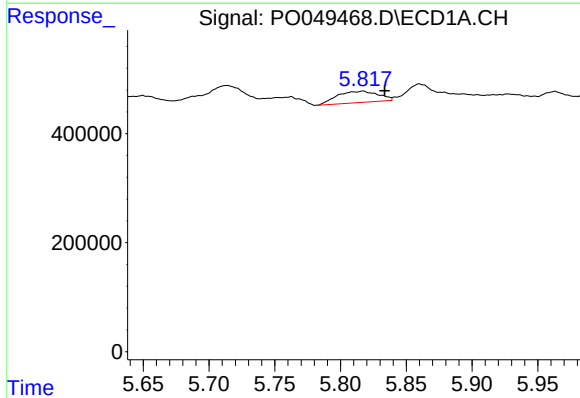
R.T.: 0.000 min  
Exp R.T.: 5.744 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



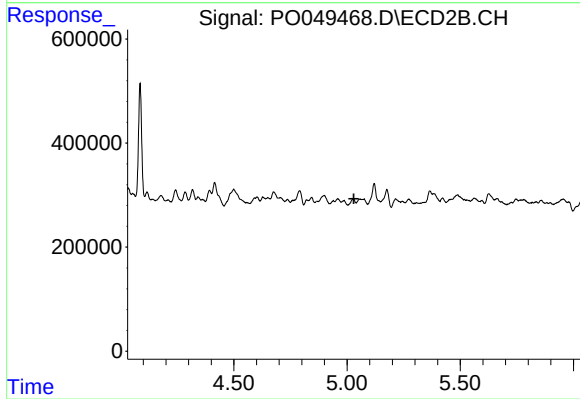
#14 AR-1232-4

R.T.: 4.844 min  
Delta R.T.: -0.017 min  
Response: 236520  
Conc: 123.57 ng/ml



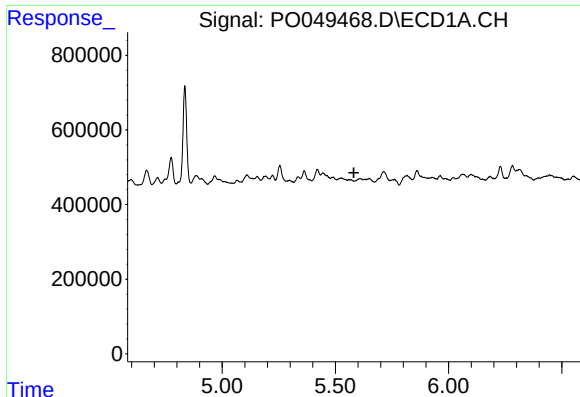
#15 AR-1232-5

R.T.: 5.817 min  
Delta R.T.: -0.017 min  
Response: 452197  
Conc: 261.97 ng/ml



#15 AR-1232-5

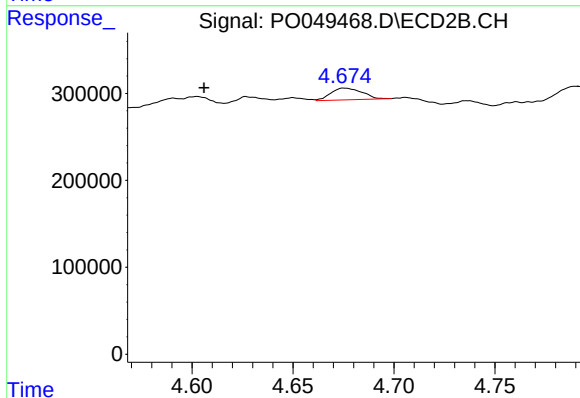
R.T.: 0.000 min  
Exp R.T.: 5.030 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

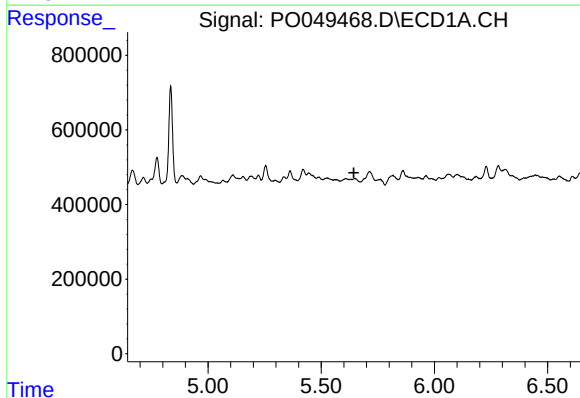
R.T.: 0.000 min  
Exp R.T. : 5.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



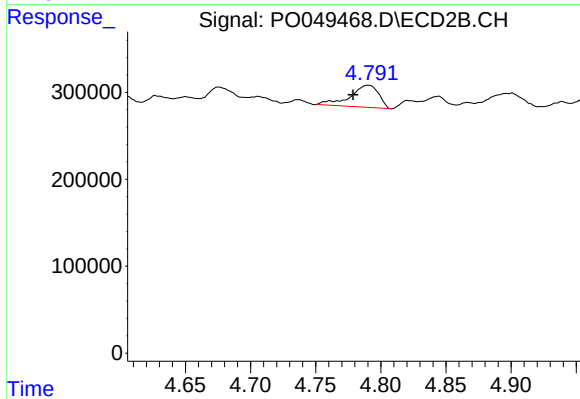
#17 AR-1242-2

R.T.: 4.676 min  
Delta R.T.: 0.070 min  
Response: 144413  
Conc: 14.06 ng/ml



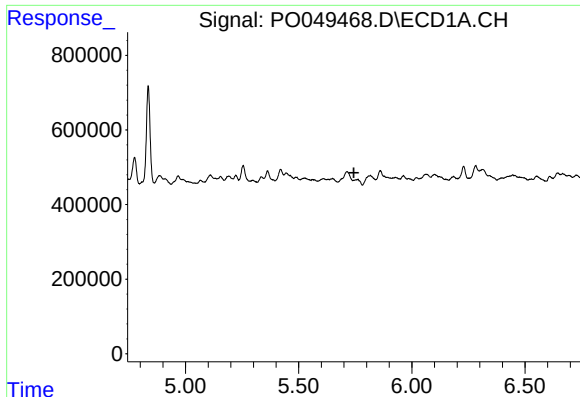
#18 AR-1242-3

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



#18 AR-1242-3

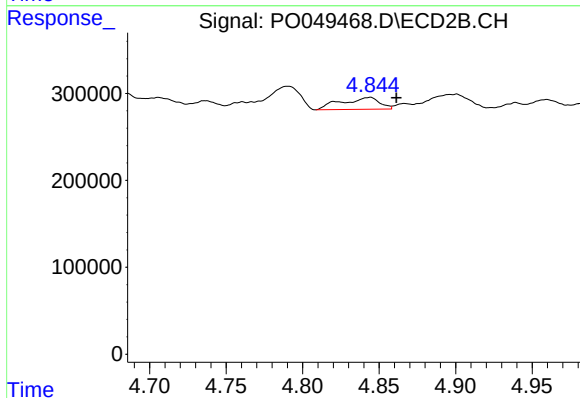
R.T.: 4.790 min  
Delta R.T.: 0.012 min  
Response: 387533  
Conc: 67.18 ng/ml



#19 AR-1242-4

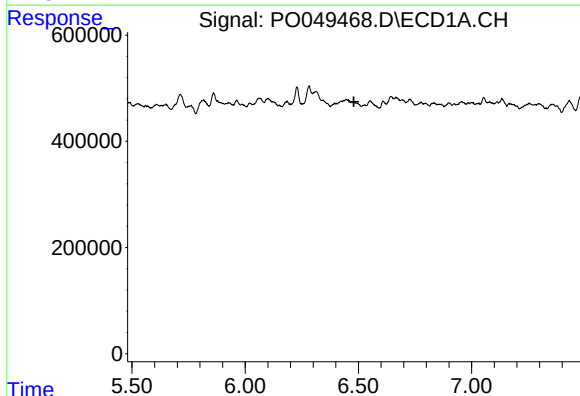
R.T.: 0.000 min  
Exp R.T.: 5.744 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



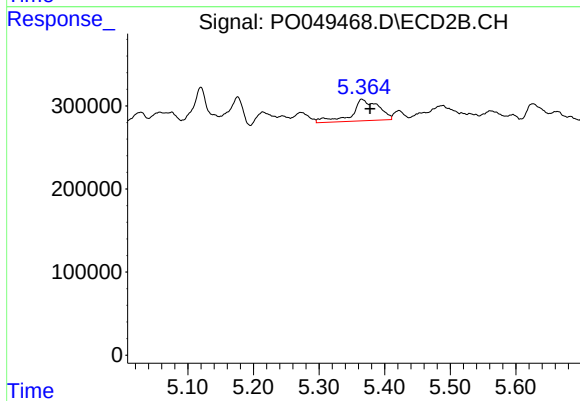
#19 AR-1242-4

R.T.: 4.844 min  
Delta R.T.: -0.017 min  
Response: 236520  
Conc: 44.00 ng/ml



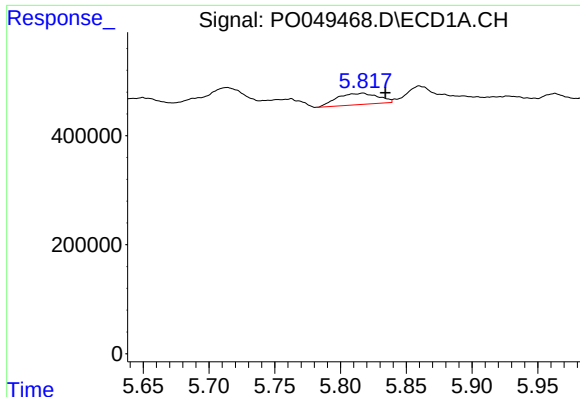
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.480 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

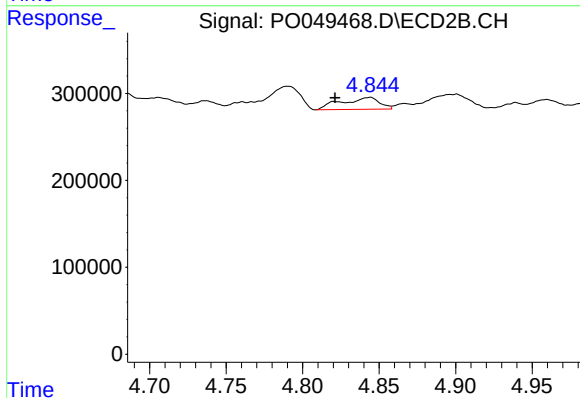
R.T.: 5.365 min  
Delta R.T.: -0.013 min  
Response: 733188  
Conc: 100.68 ng/ml



#22 AR-1248-2

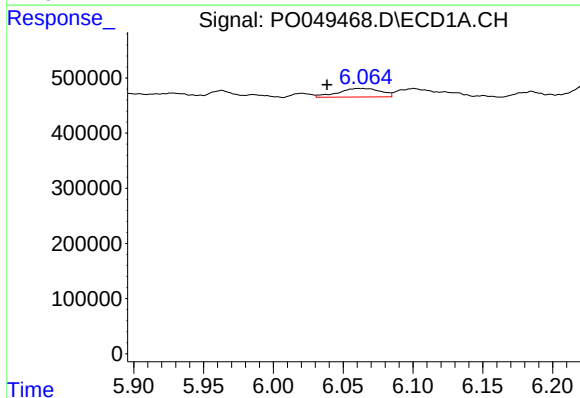
R.T.: 5.817 min  
Delta R.T.: -0.017 min  
Response: 452197  
Conc: 61.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



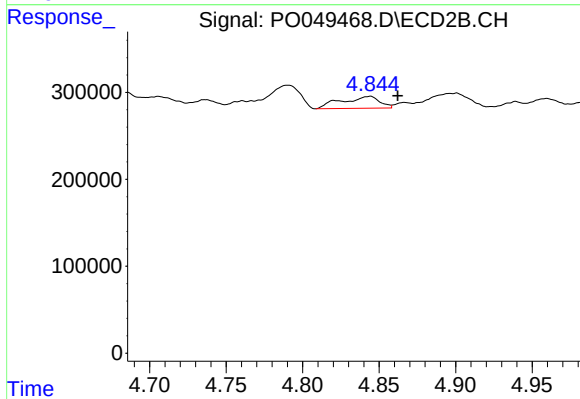
#22 AR-1248-2

R.T.: 4.844 min  
Delta R.T.: 0.023 min  
Response: 236520  
Conc: 33.77 ng/ml



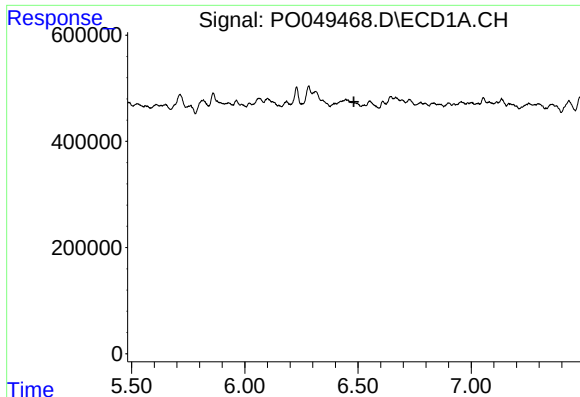
#23 AR-1248-3

R.T.: 6.061 min  
Delta R.T.: 0.023 min  
Response: 329198  
Conc: 36.74 ng/ml



#23 AR-1248-3

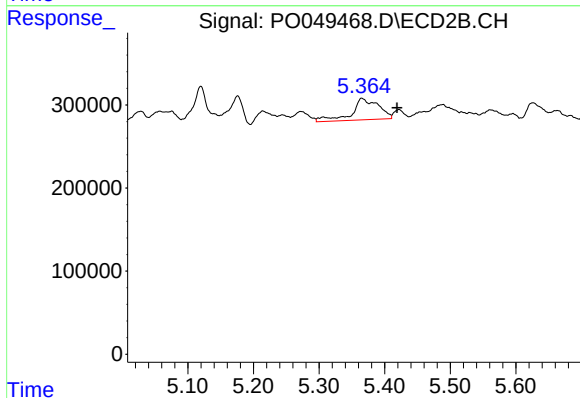
R.T.: 4.844 min  
Delta R.T.: -0.018 min  
Response: 236520  
Conc: 32.50 ng/ml



#25 AR-1248-5

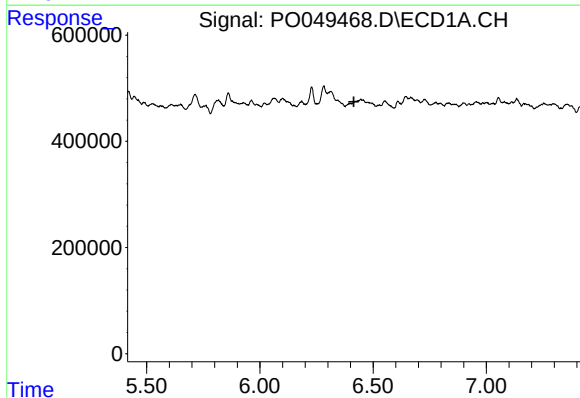
R.T.: 0.000 min  
Exp R.T.: 6.482 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



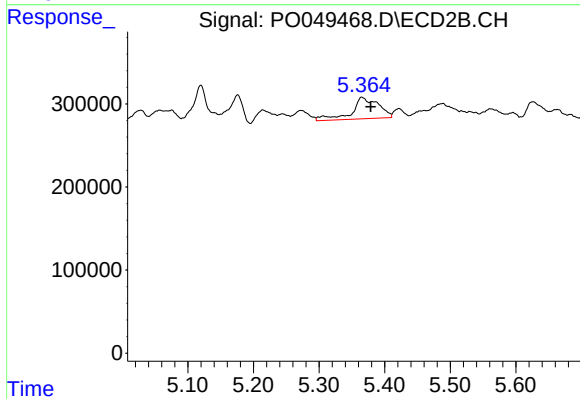
#25 AR-1248-5

R.T.: 5.365 min  
Delta R.T.: -0.054 min  
Response: 733188  
Conc: 75.48 ng/ml



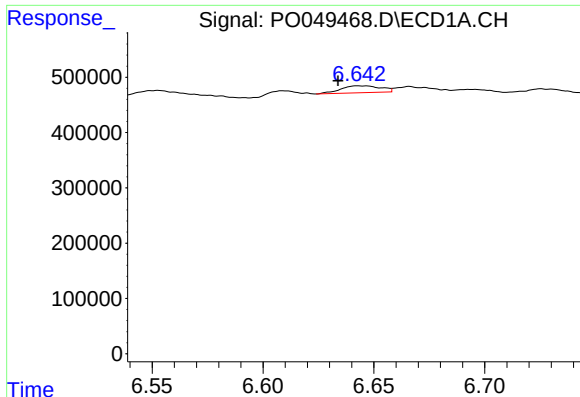
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 6.415 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

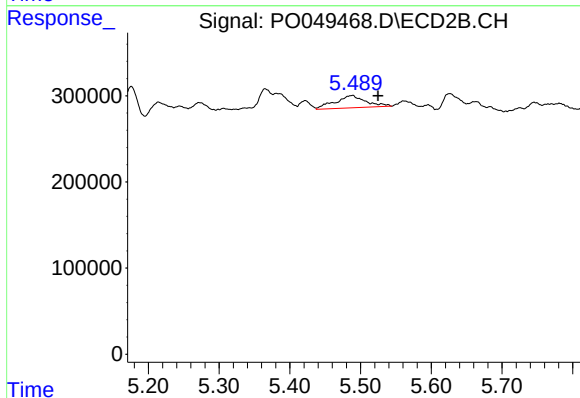
R.T.: 5.365 min  
Delta R.T.: -0.014 min  
Response: 733188  
Conc: 43.84 ng/ml



#27 AR-1254-2

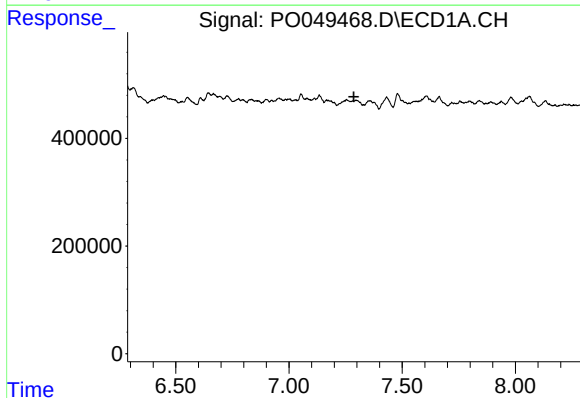
R.T.: 6.643 min  
Delta R.T.: 0.009 min  
Response: 157652  
Conc: 8.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



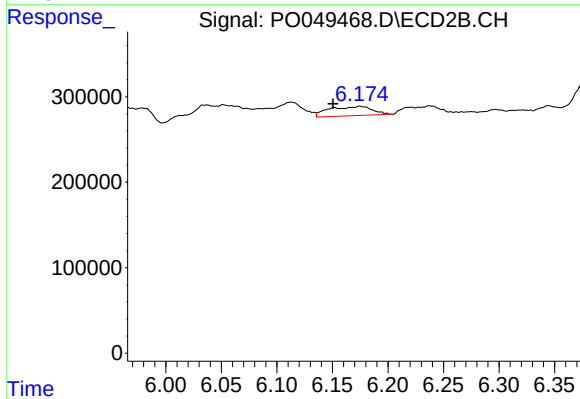
#27 AR-1254-2

R.T.: 5.489 min  
Delta R.T.: -0.036 min  
Response: 429931  
Conc: 29.32 ng/ml



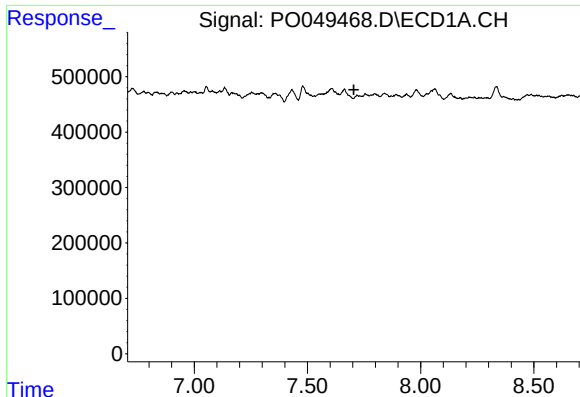
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.287 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

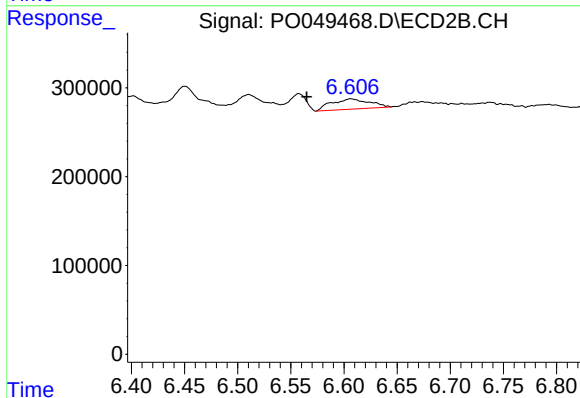
R.T.: 6.175 min  
Delta R.T.: 0.024 min  
Response: 292334  
Conc: 17.22 ng/ml



#30 AR-1254-5

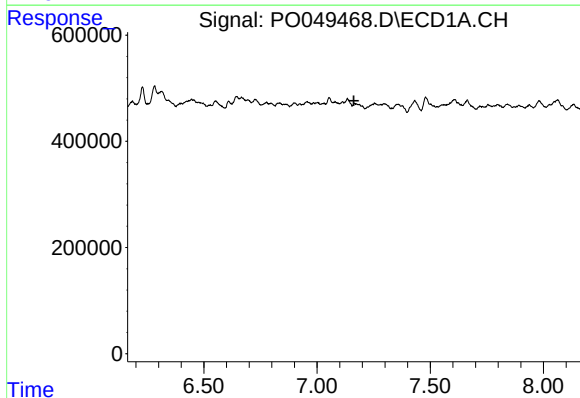
R.T.: 0.000 min  
Exp R.T.: 7.705 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



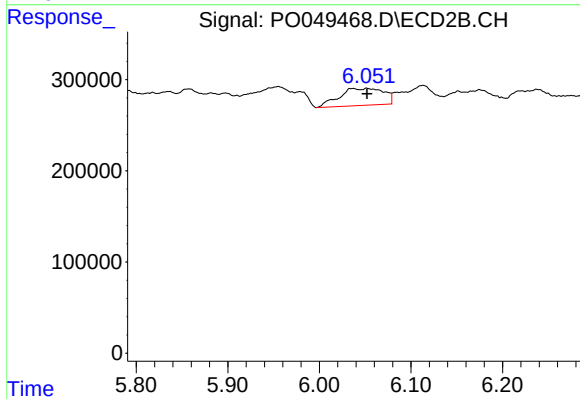
#30 AR-1254-5

R.T.: 6.607 min  
Delta R.T.: 0.041 min  
Response: 287566  
Conc: 12.53 ng/ml



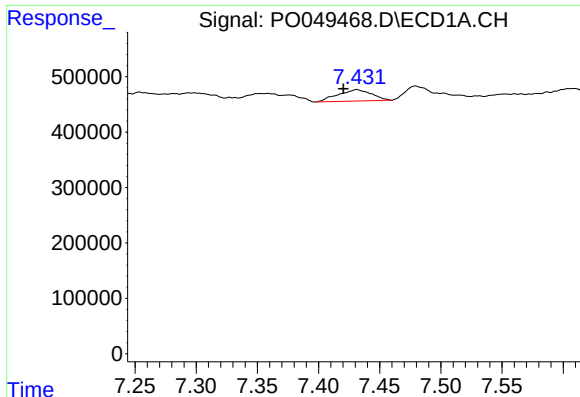
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 7.162 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

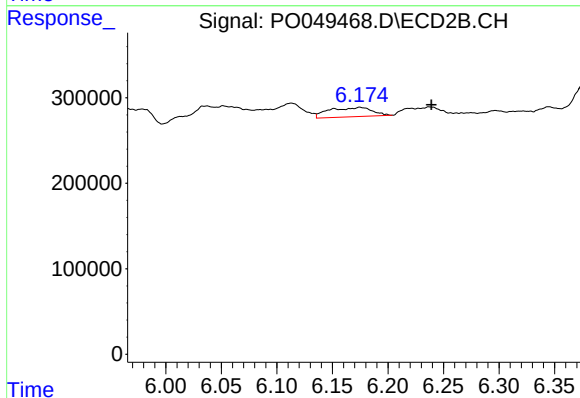
R.T.: 6.052 min  
Delta R.T.: 0.000 min  
Response: 628276  
Conc: 41.74 ng/ml



#32 AR-1260-2

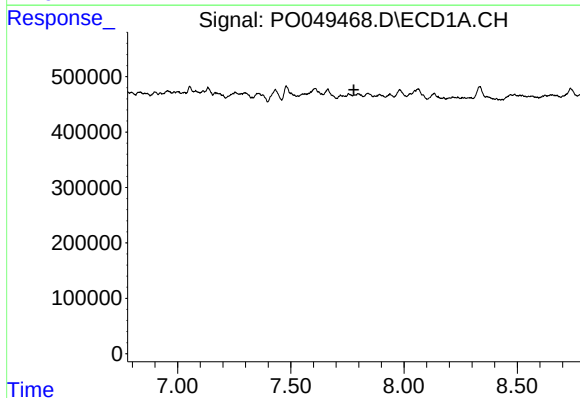
R.T.: 7.431 min  
Delta R.T.: 0.011 min  
Response: 393362  
Conc: 18.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



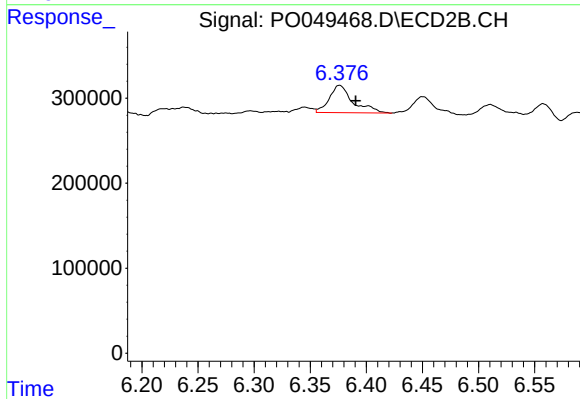
#32 AR-1260-2

R.T.: 6.175 min  
Delta R.T.: -0.064 min  
Response: 292334  
Conc: 15.04 ng/ml



#33 AR-1260-3

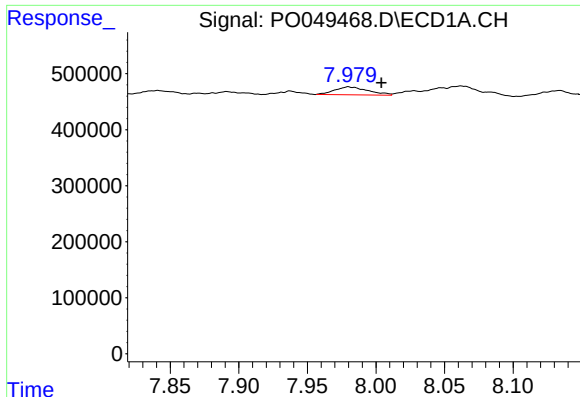
R.T.: 0.000 min  
Exp R.T. : 7.779 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

R.T.: 6.376 min  
Delta R.T.: -0.014 min  
Response: 467829  
Conc: 26.66 ng/ml

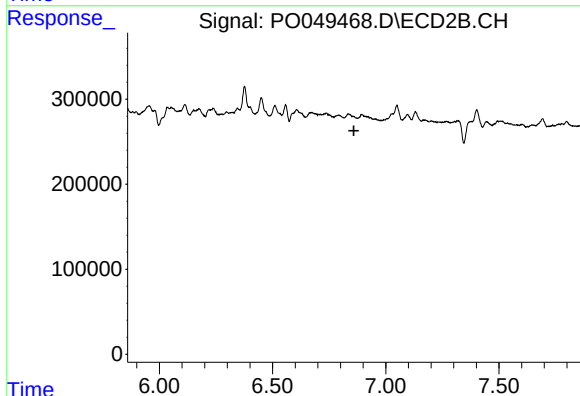




#34 AR-1260-4

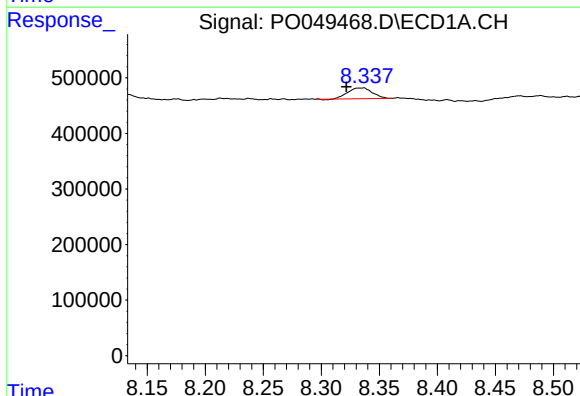
R.T.: 7.980 min  
Delta R.T.: -0.024 min  
Response: 243474  
Conc: 14.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



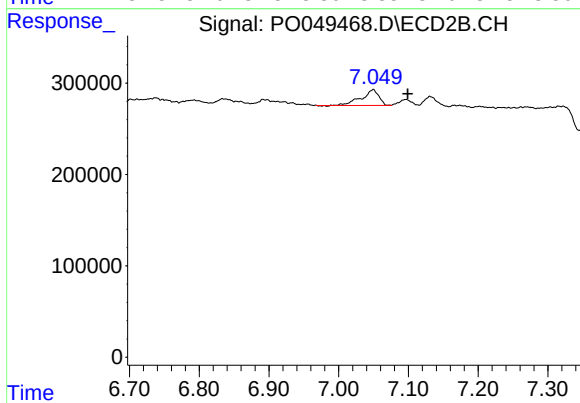
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.859 min  
Response: 0  
Conc: N.D.



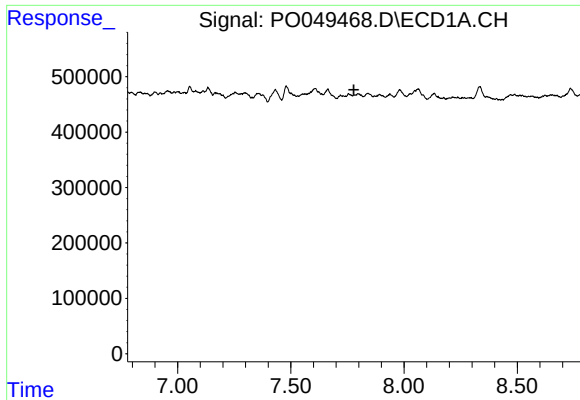
#35 AR-1260-5

R.T.: 8.336 min  
Delta R.T.: 0.014 min  
Response: 283520  
Conc: 7.80 ng/ml



#35 AR-1260-5

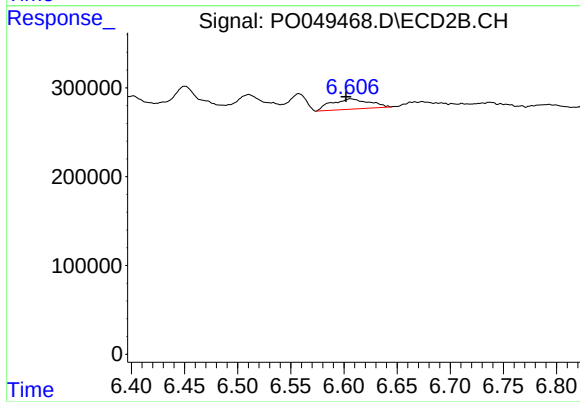
R.T.: 7.050 min  
Delta R.T.: -0.050 min  
Response: 298973  
Conc: 8.43 ng/ml



#36 AR-1262-1

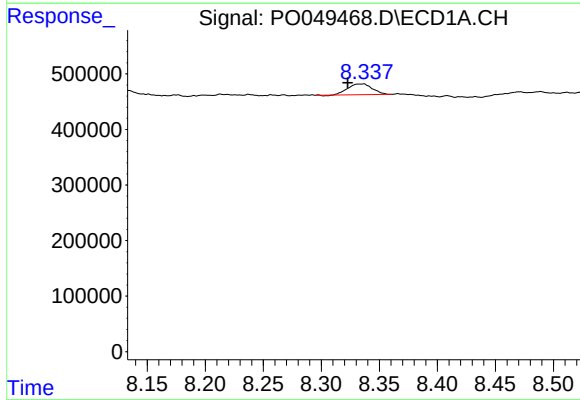
R.T.: 0.000 min  
Exp R.T.: 7.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



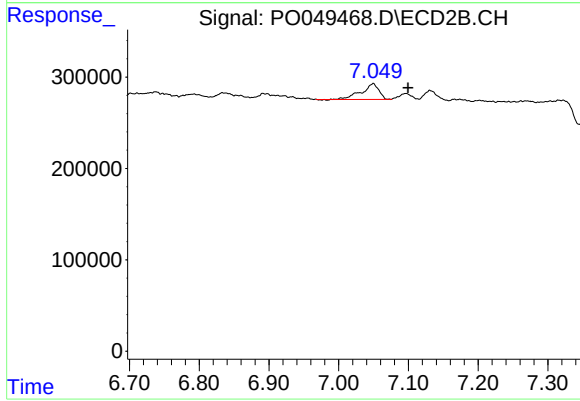
#36 AR-1262-1

R.T.: 6.607 min  
Delta R.T.: 0.004 min  
Response: 287566  
Conc: 13.32 ng/ml



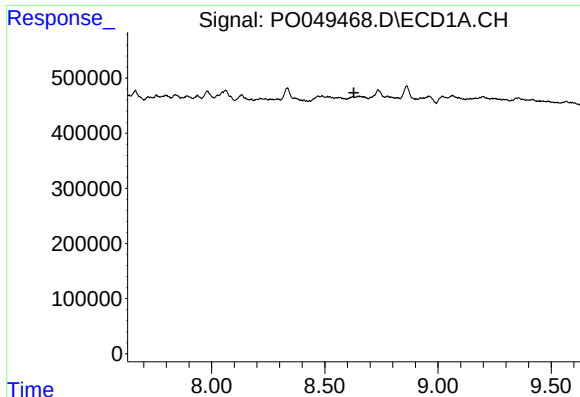
#37 AR-1262-2

R.T.: 8.336 min  
Delta R.T.: 0.013 min  
Response: 283520  
Conc: 8.57 ng/ml



#37 AR-1262-2

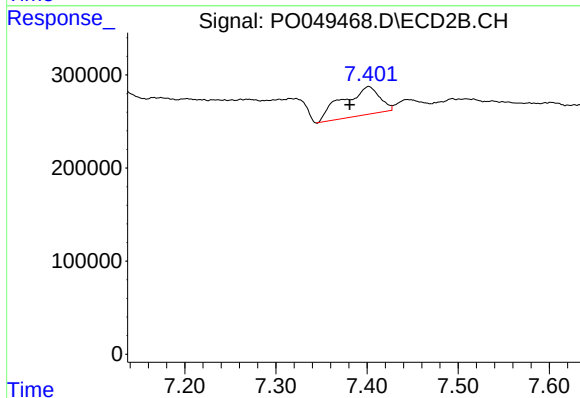
R.T.: 7.050 min  
Delta R.T.: -0.050 min  
Response: 298973  
Conc: 7.88 ng/ml



#38 AR-1262-3

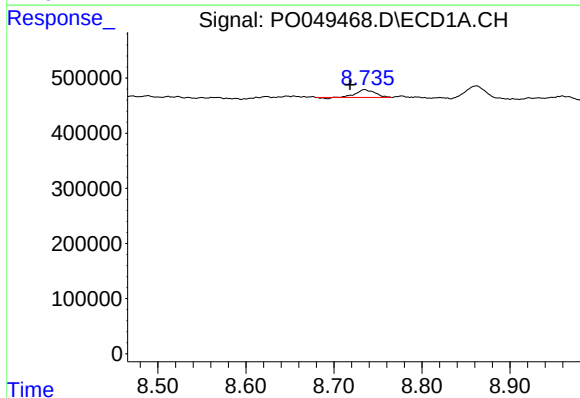
R.T.: 0.000 min  
Exp R.T.: 8.628 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



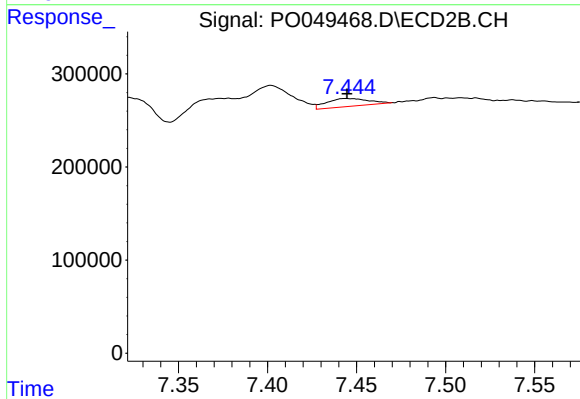
#38 AR-1262-3

R.T.: 7.402 min  
Delta R.T.: 0.021 min  
Response: 863277  
Conc: 55.66 ng/ml



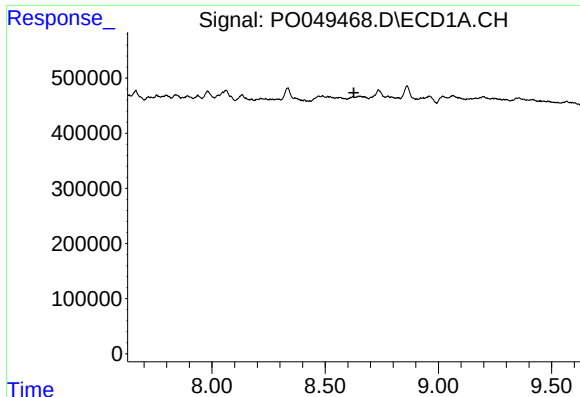
#39 AR-1262-4

R.T.: 8.735 min  
Delta R.T.: 0.016 min  
Response: 204636  
Conc: 17.54 ng/ml



#39 AR-1262-4

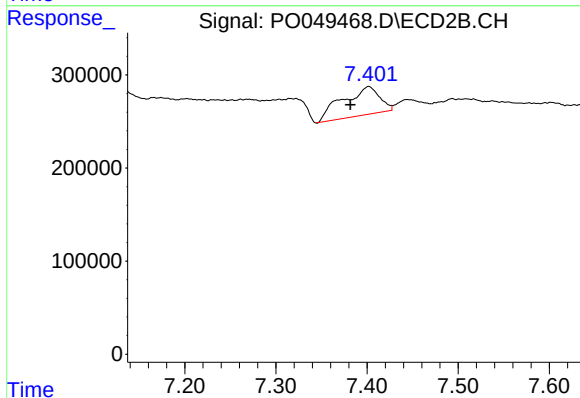
R.T.: 7.444 min  
Delta R.T.: 0.000 min  
Response: 140685  
Conc: 5.09 ng/ml



#41 AR-1268-1

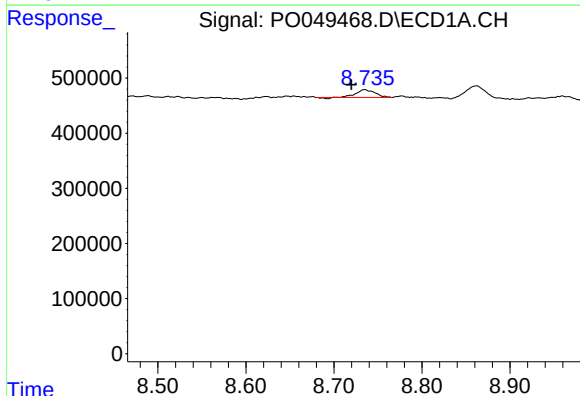
R.T.: 0.000 min  
Exp R.T.: 8.626 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



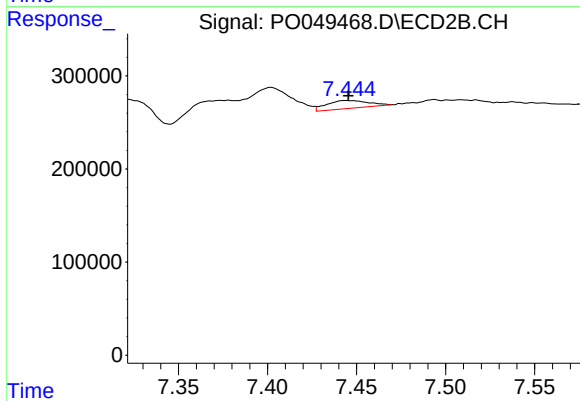
#41 AR-1268-1

R.T.: 7.402 min  
Delta R.T.: 0.020 min  
Response: 863277  
Conc: 17.70 ng/ml



#42 AR-1268-2

R.T.: 8.735 min  
Delta R.T.: 0.015 min  
Response: 204636  
Conc: 4.75 ng/ml



#42 AR-1268-2

R.T.: 7.444 min  
Delta R.T.: -0.001 min  
Response: 140685  
Conc: 3.15 ng/ml