

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0112718\  
 Data File : P0051865.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 28 Nov 2018 2:00  
 Operator : SM/SJ  
 Sample : J6071-01  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 29 10:45:44 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0112618.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 27 01:06:37 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... | 4.301 | 3.308 | 16054210 | 4638814 | 24.610  | 19.648    |
| 2)                          | SA Decachlor... | 9.910 | 8.026 | 8970271  | 4456033 | 21.512  | 22.523    |
| Target Compounds            |                 |       |       |          |         |         |           |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.325 | 0        | 40813   | N.D.    | 5.400 #   |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.325 | 0        | 40813   | N.D.    | 3.261 #   |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.516 | 0        | 264167  | N.D.    | 42.493 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.516 | 0        | 264167  | N.D.    | 49.452 #  |
| 7)                          | L1 AR-1016-5    | 0.000 | 4.741 | 0        | 9414    | N.D.    | 1.410 #   |
| 8)                          | L2 AR-1221-1    | 4.584 | 3.519 | 1178238  | 360175  | 195.981 | 164.525   |
| 9)                          | L2 AR-1221-2    | 4.584 | 3.577 | 1178238  | 180830  | 271.069 | 101.109 # |
| 10)                         | L2 AR-1221-3    | 4.687 | 3.653 | 1521396  | 165502  | 107.301 | 31.498 #  |
| 11)                         | L3 AR-1232-1    | 4.687 | 3.653 | 1521396  | 165502  | 129.011 | 38.516 #  |
| 12)                         | L3 AR-1232-2    | 5.271 | 4.325 | 410084   | 40813   | 69.559  | 7.647 #   |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.516 | 0        | 264167  | N.D.    | 105.305 # |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.571 | 0        | 195440  | N.D.    | 90.314 #  |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.741 | 0        | 9414    | N.D.    | 3.522 #   |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.325 | 0        | 40813   | N.D.    | 6.868 #   |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.325 | 0        | 40813   | N.D.    | 3.860 #   |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.516 | 0        | 264167  | N.D.    | 54.231 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.571 | 0        | 195440  | N.D.    | 40.630 #  |
| 20)                         | L4 AR-1242-5    | 0.000 | 5.066 | 0        | 98149   | N.D.    | 15.989 #  |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.325 | 0        | 40813   | N.D.    | 7.829 #   |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.571 | 0        | 195440  | N.D.    | 24.917 #  |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.571 | 0        | 195440  | N.D.    | 25.105 #  |
| 24)                         | L5 AR-1248-4    | 0.000 | 4.741 | 0        | 9414    | N.D.    | 0.965 #   |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.095 | 0        | 1715    | N.D.    | 0.189 #   |
| 26)                         | L6 AR-1254-1    | 0.000 | 5.066 | 0        | 98149   | N.D.    | 7.208 #   |
| 27)                         | L6 AR-1254-2    | 0.000 | 5.246 | 0        | 114754  | N.D.    | 9.868 #   |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.696 | 0        | 92702   | N.D.    | 7.022 #   |
| 32)                         | L7 AR-1260-2    | 7.378 | 0.000 | 665492   | 0       | 21.201  | N.D. #    |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.041 | 0        | 99205   | N.D.    | 6.934 #   |
| 34)                         | L7 AR-1260-4    | 0.000 | 6.469 | 0        | 4262    | N.D.    | 0.464 #   |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.011 | 0        | 241754  | N.D.    | 23.207 #  |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.077 | 0        | 22631   | N.D.    | 1.217 #   |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.011 | 0        | 241754  | N.D.    | 6.964 #   |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.077 | 0        | 22631   | N.D.    | 0.675 #   |
| -----                       |                 |       |       |          |         |         |           |

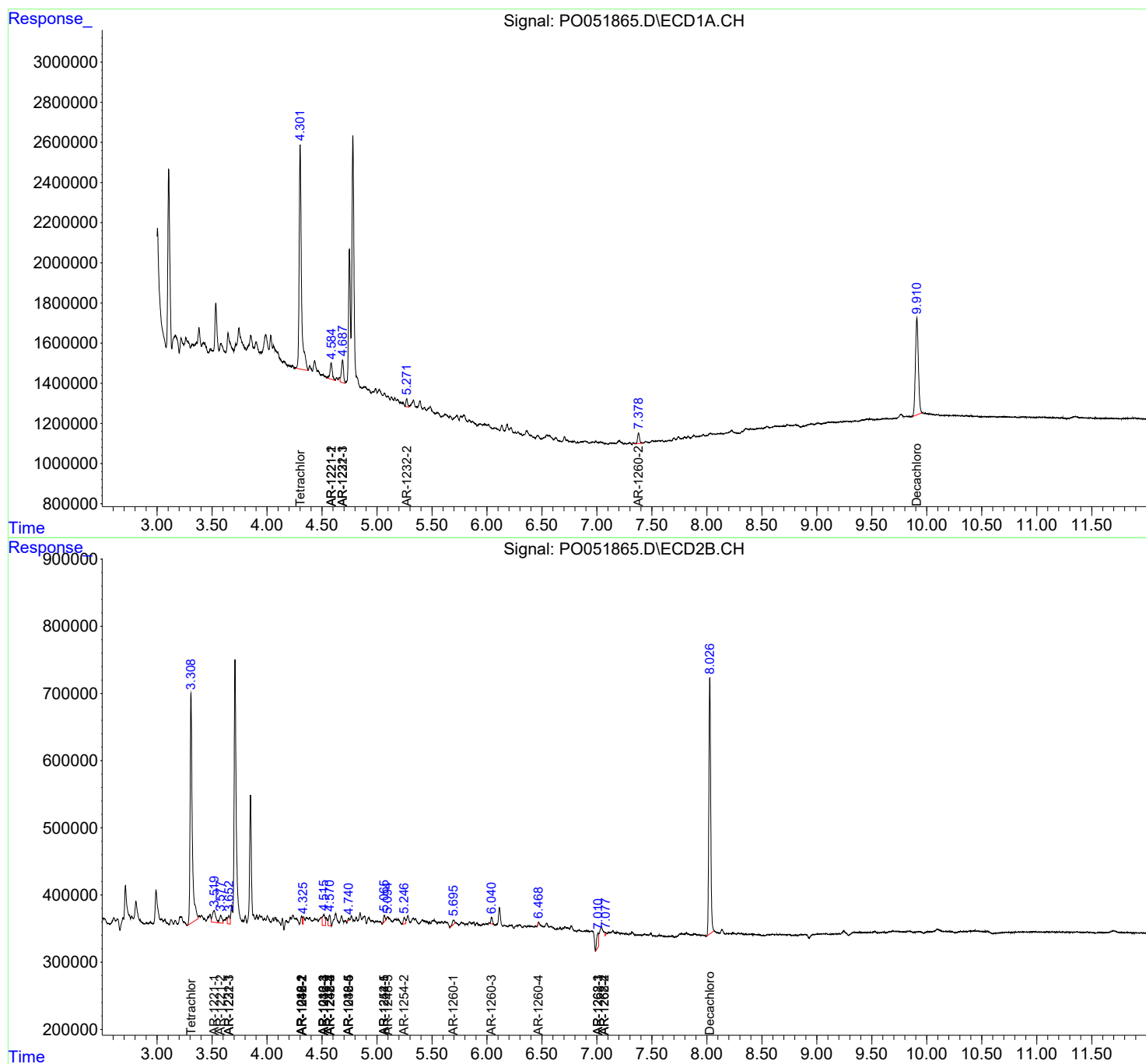
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

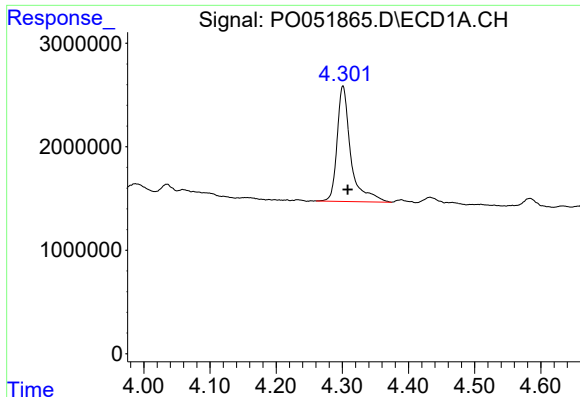
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO112718\  
Data File : PO051865.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 28 Nov 2018 2:00  
Operator : SM/SJ  
Sample : J6071-01  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 29 10:45:44 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO112618.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 27 01:06:37 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

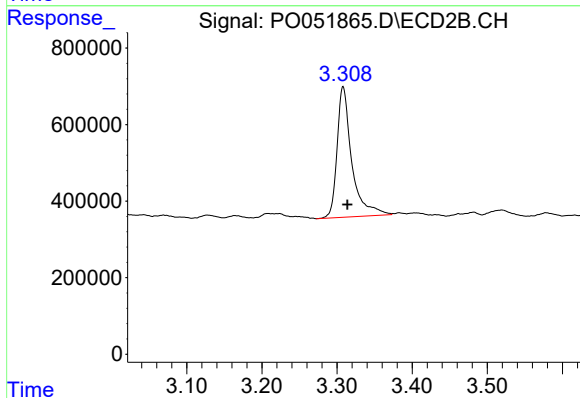




#1 Tetrachloro-m-xylene

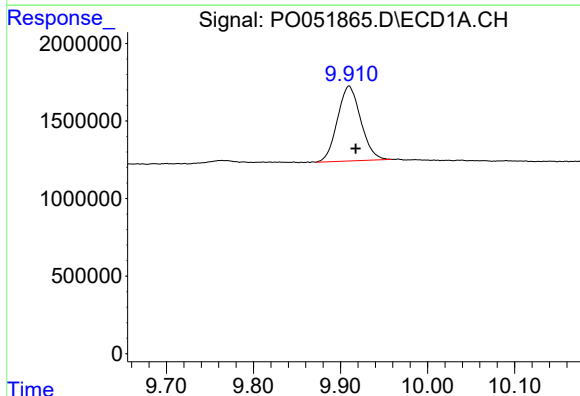
R.T.: 4.301 min  
Delta R.T.: -0.007 min  
Response: 16054210  
Conc: 24.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



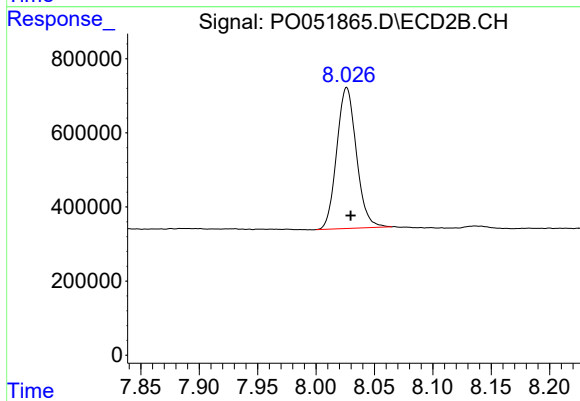
#1 Tetrachloro-m-xylene

R.T.: 3.308 min  
Delta R.T.: -0.006 min  
Response: 4638814  
Conc: 19.65 ng/ml



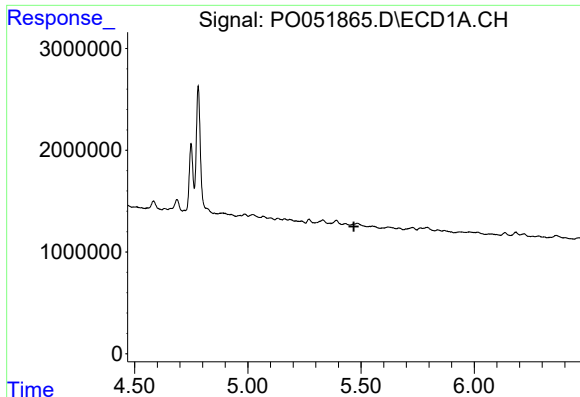
#2 Decachlorobiphenyl

R.T.: 9.910 min  
Delta R.T.: -0.008 min  
Response: 8970271  
Conc: 21.51 ng/ml



#2 Decachlorobiphenyl

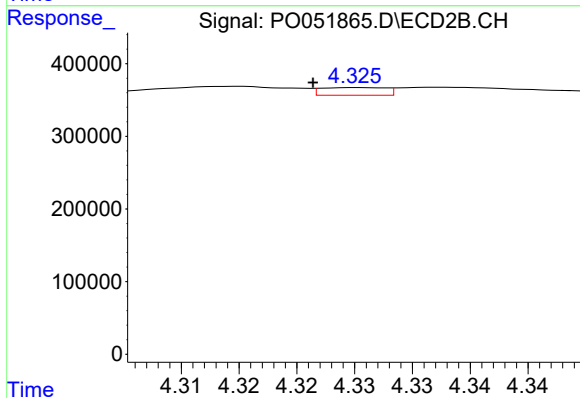
R.T.: 8.026 min  
Delta R.T.: -0.004 min  
Response: 4456033  
Conc: 22.52 ng/ml



#3 AR-1016-1

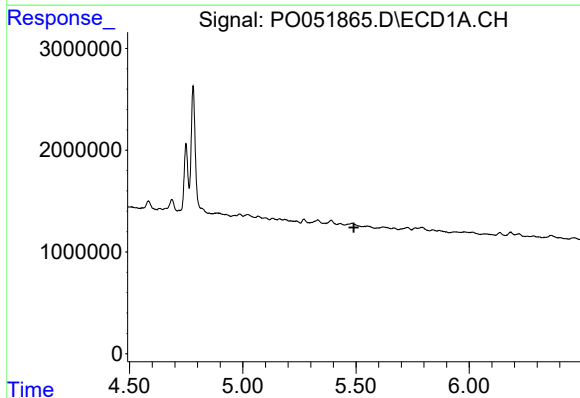
R.T.: 0.000 min  
Exp R.T.: 5.468 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



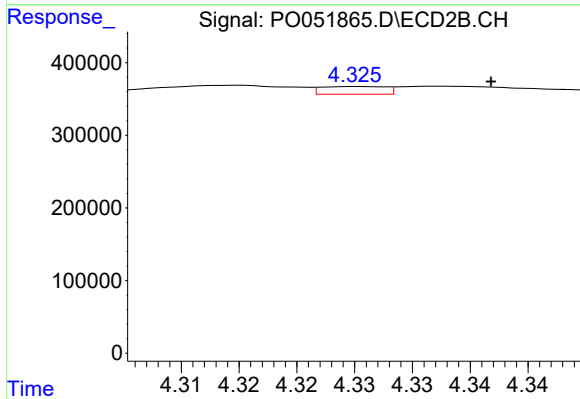
#3 AR-1016-1

R.T.: 4.325 min  
Delta R.T.: 0.004 min  
Response: 40813  
Conc: 5.40 ng/ml



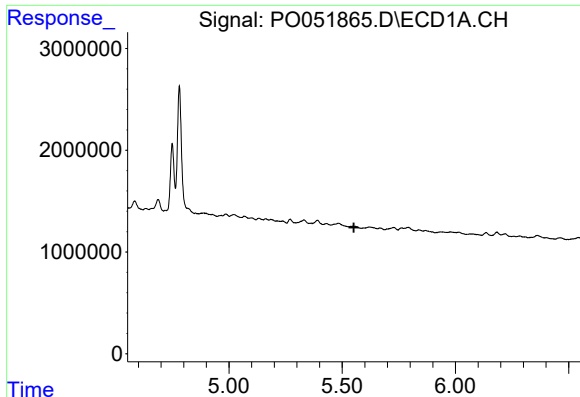
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.490 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

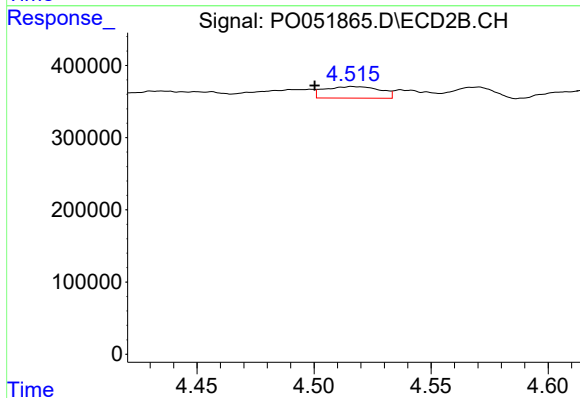
R.T.: 4.325 min  
Delta R.T.: -0.012 min  
Response: 40813  
Conc: 3.26 ng/ml



#5 AR-1016-3

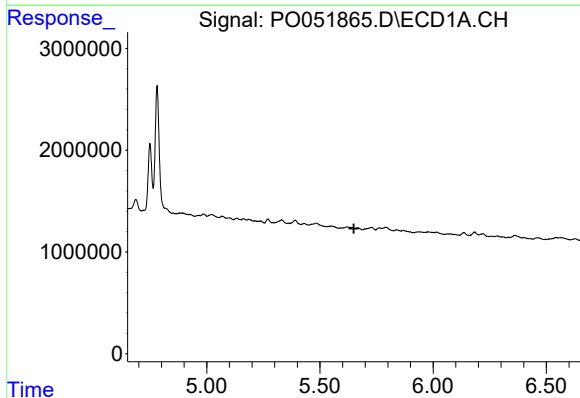
R.T.: 0.000 min  
Exp R.T.: 5.551 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



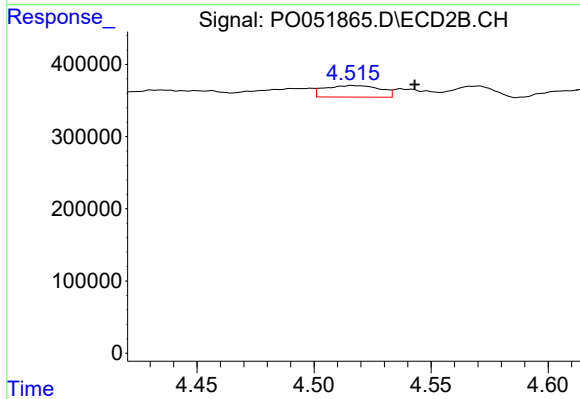
#5 AR-1016-3

R.T.: 4.516 min  
Delta R.T.: 0.016 min  
Response: 264167  
Conc: 42.49 ng/ml



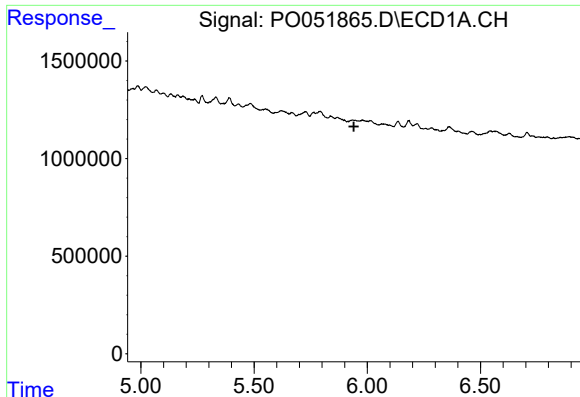
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.650 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

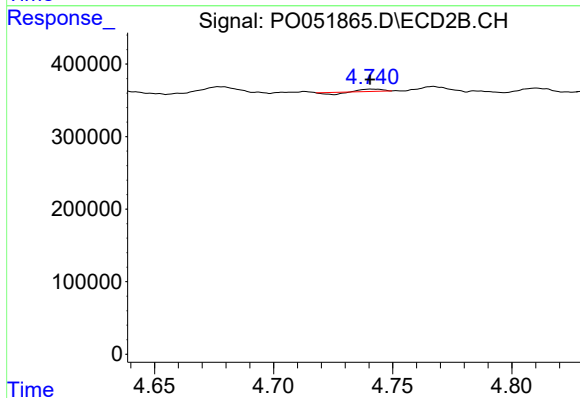
R.T.: 4.516 min  
Delta R.T.: -0.027 min  
Response: 264167  
Conc: 49.45 ng/ml



#7 AR-1016-5

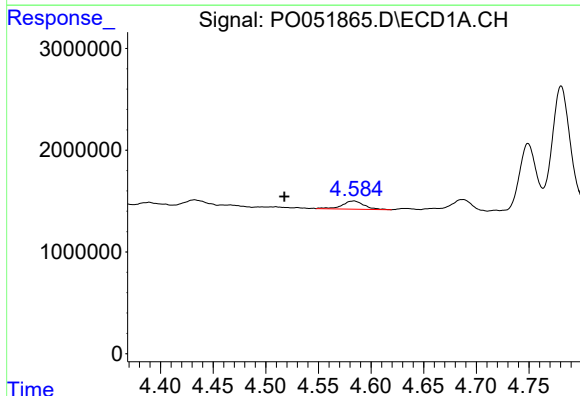
R.T.: 0.000 min  
Exp R.T.: 5.941 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



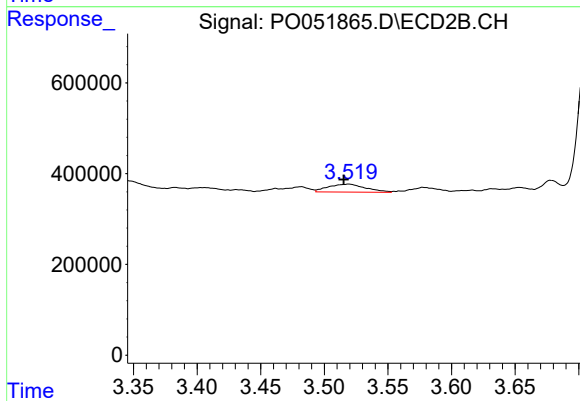
#7 AR-1016-5

R.T.: 4.741 min  
Delta R.T.: 0.000 min  
Response: 9414  
Conc: 1.41 ng/ml



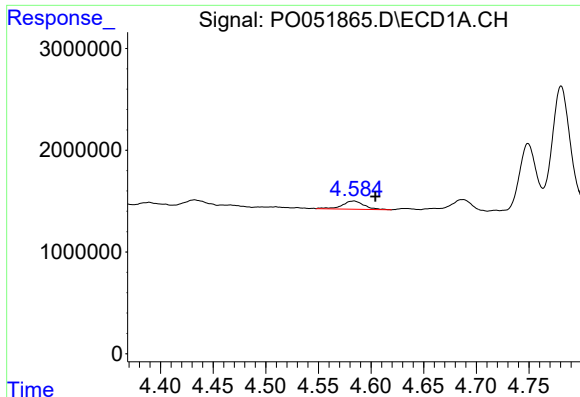
#8 AR-1221-1

R.T.: 4.584 min  
Delta R.T.: 0.066 min  
Response: 1178238  
Conc: 195.98 ng/ml



#8 AR-1221-1

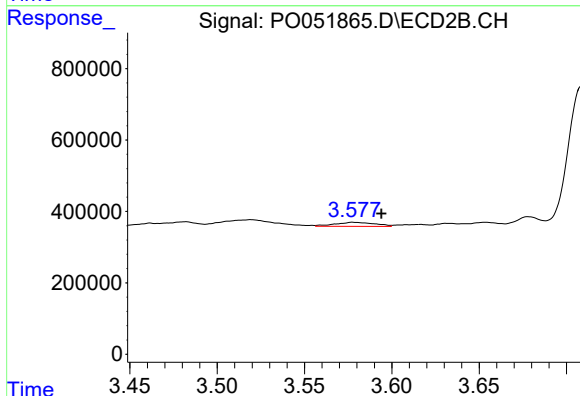
R.T.: 3.519 min  
Delta R.T.: 0.004 min  
Response: 360175  
Conc: 164.52 ng/ml



#9 AR-1221-2

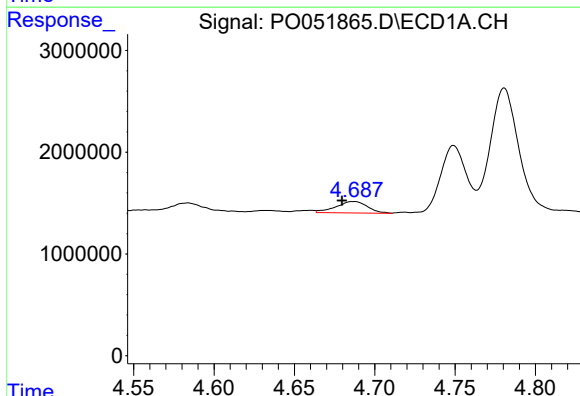
R.T.: 4.584 min  
Delta R.T.: -0.020 min  
Response: 1178238  
Conc: 271.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



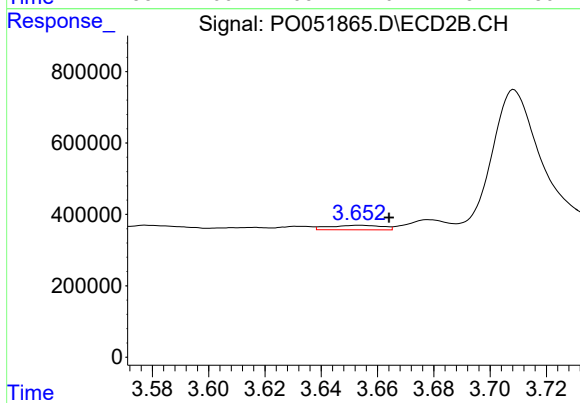
#9 AR-1221-2

R.T.: 3.577 min  
Delta R.T.: -0.017 min  
Response: 180830  
Conc: 101.11 ng/ml



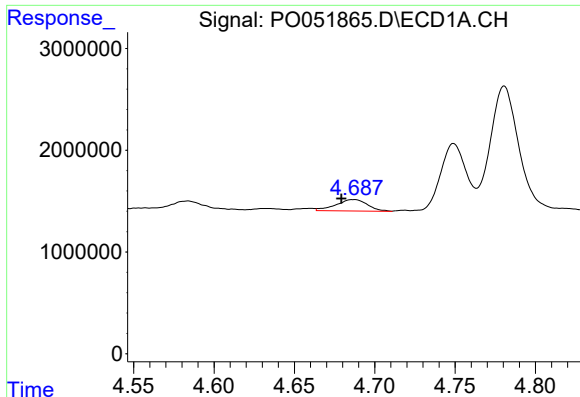
#10 AR-1221-3

R.T.: 4.687 min  
Delta R.T.: 0.008 min  
Response: 1521396  
Conc: 107.30 ng/ml



#10 AR-1221-3

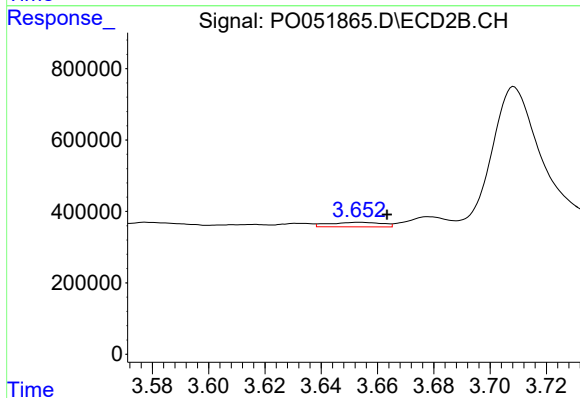
R.T.: 3.653 min  
Delta R.T.: -0.011 min  
Response: 165502  
Conc: 31.50 ng/ml



#11 AR-1232-1

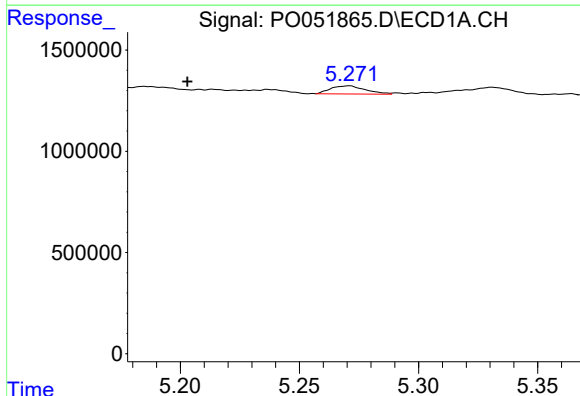
R.T.: 4.687 min  
Delta R.T.: 0.008 min  
Response: 1521396  
Conc: 129.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



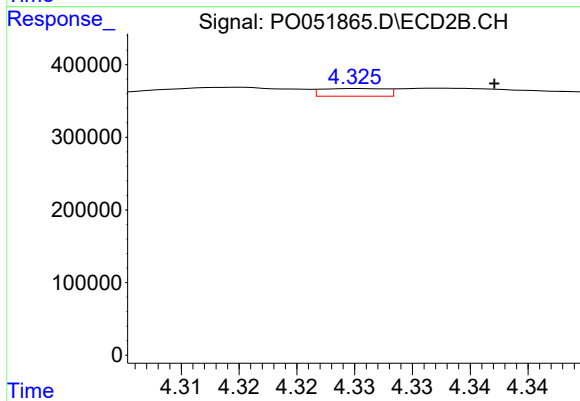
#11 AR-1232-1

R.T.: 3.653 min  
Delta R.T.: -0.010 min  
Response: 165502  
Conc: 38.52 ng/ml



#12 AR-1232-2

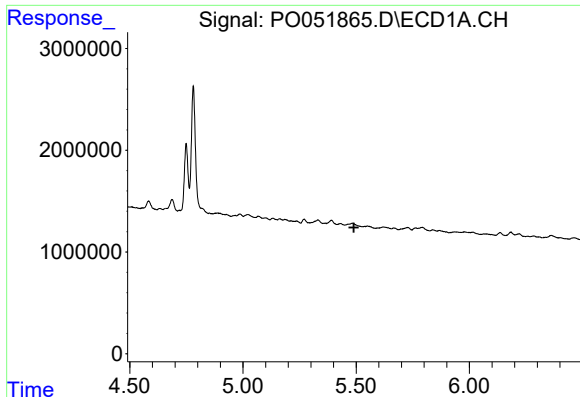
R.T.: 5.271 min  
Delta R.T.: 0.068 min  
Response: 410084  
Conc: 69.56 ng/ml



#12 AR-1232-2

R.T.: 4.325 min  
Delta R.T.: -0.012 min  
Response: 40813  
Conc: 7.65 ng/ml

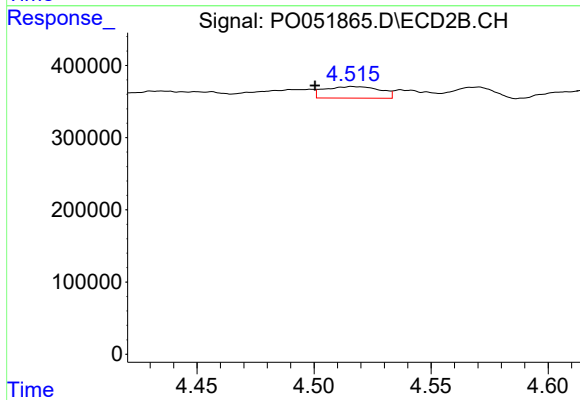




#13 AR-1232-3

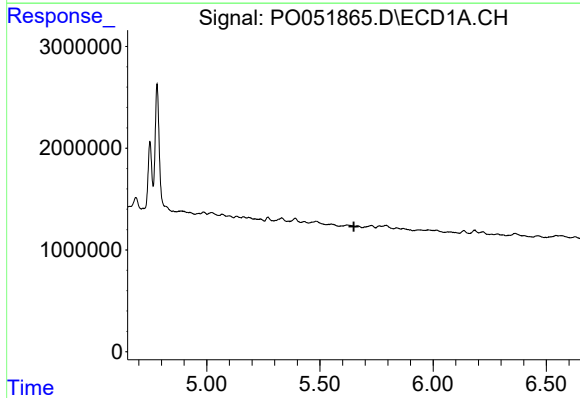
R.T.: 0.000 min  
Exp R.T. : 5.490 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



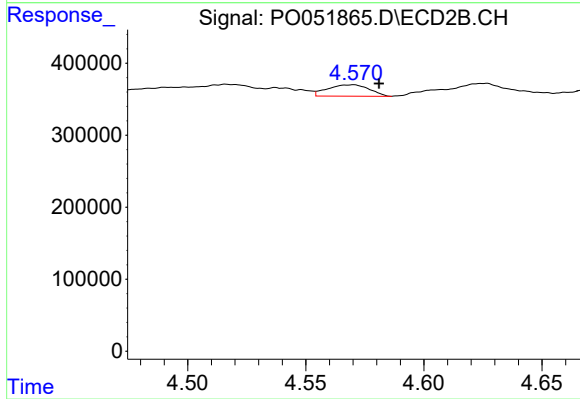
#13 AR-1232-3

R.T.: 4.516 min  
Delta R.T.: 0.016 min  
Response: 264167  
Conc: 105.31 ng/ml



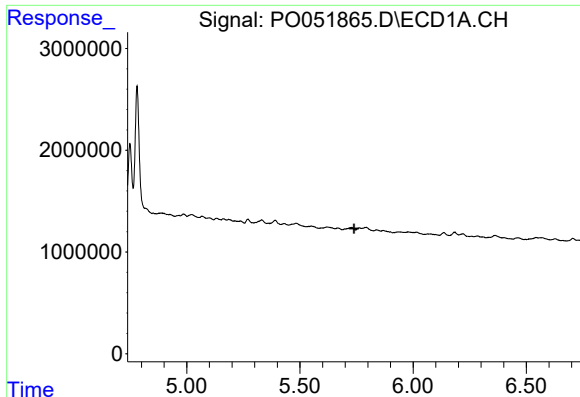
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.650 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

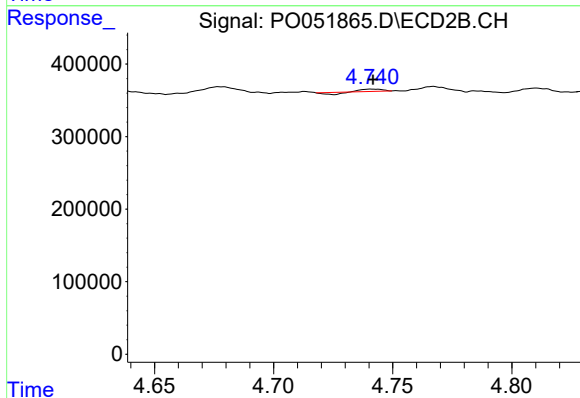
R.T.: 4.571 min  
Delta R.T.: -0.010 min  
Response: 195440  
Conc: 90.31 ng/ml



#15 AR-1232-5

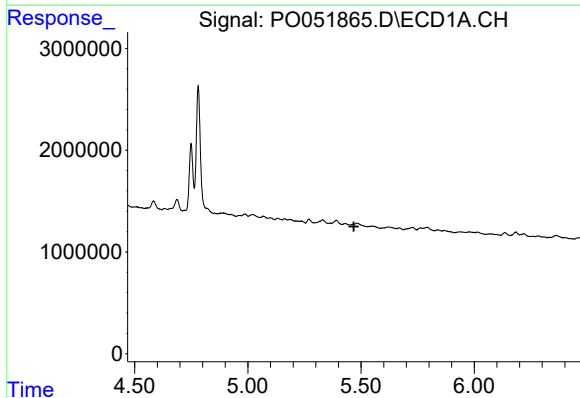
R.T.: 0.000 min  
Exp R.T.: 5.739 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



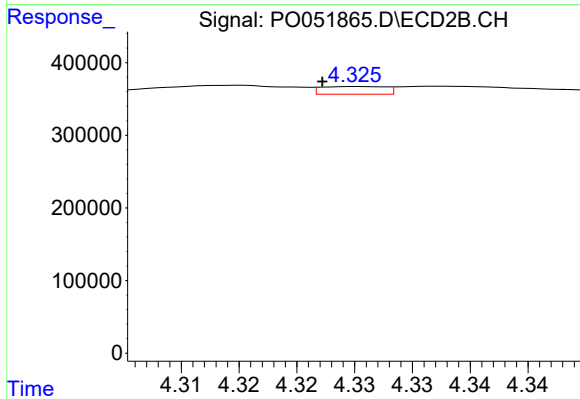
#15 AR-1232-5

R.T.: 4.741 min  
Delta R.T.: 0.000 min  
Response: 9414  
Conc: 3.52 ng/ml



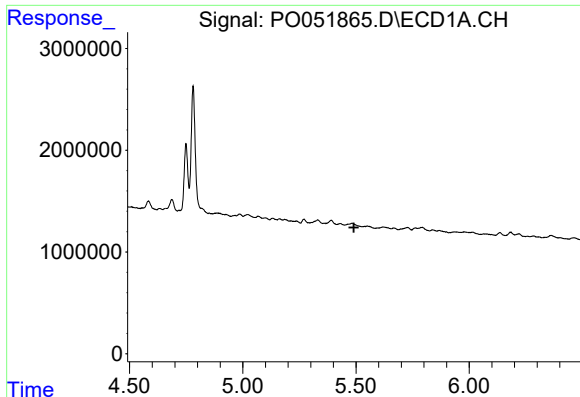
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 5.468 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

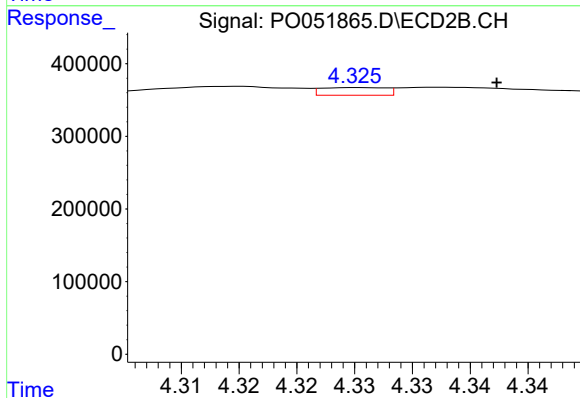
R.T.: 4.325 min  
Delta R.T.: 0.003 min  
Response: 40813  
Conc: 6.87 ng/ml



#17 AR-1242-2

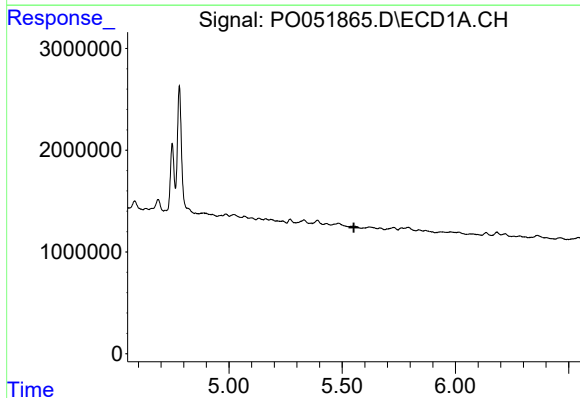
R.T.: 0.000 min  
Exp R.T. : 5.491 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



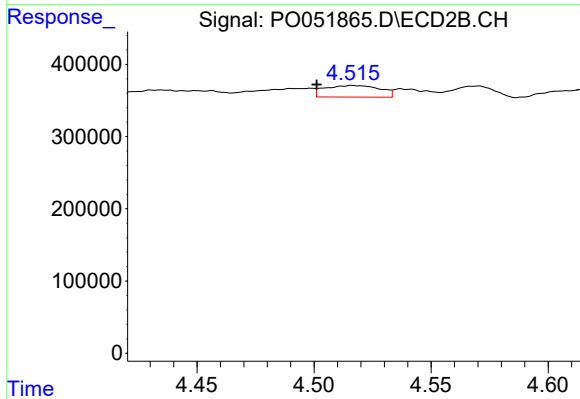
#17 AR-1242-2

R.T.: 4.325 min  
Delta R.T.: -0.012 min  
Response: 40813  
Conc: 3.86 ng/ml



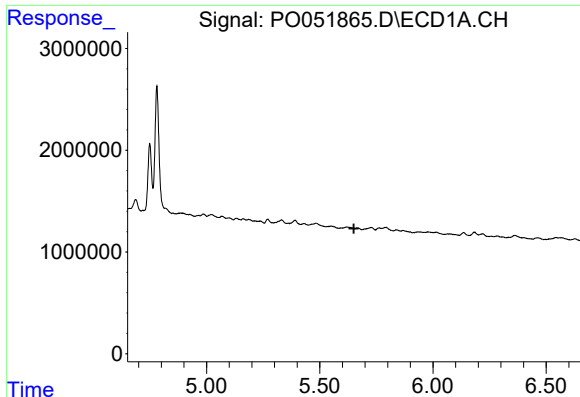
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.552 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

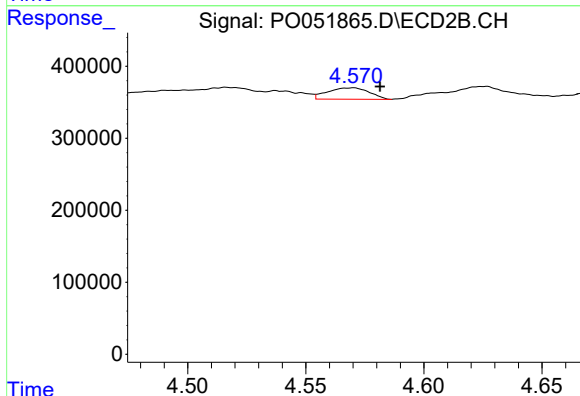
R.T.: 4.516 min  
Delta R.T.: 0.015 min  
Response: 264167  
Conc: 54.23 ng/ml



#19 AR-1242-4

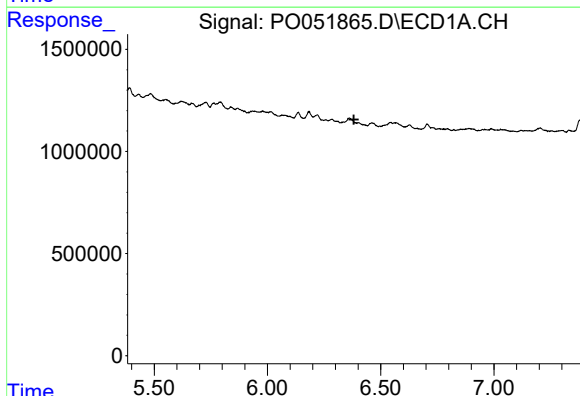
R.T.: 0.000 min  
Exp R.T.: 5.651 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



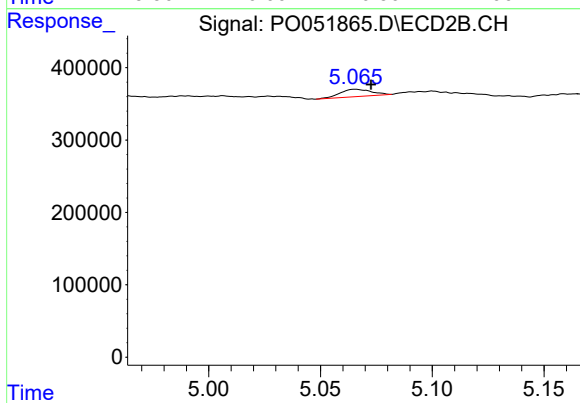
#19 AR-1242-4

R.T.: 4.571 min  
Delta R.T.: -0.011 min  
Response: 195440  
Conc: 40.63 ng/ml



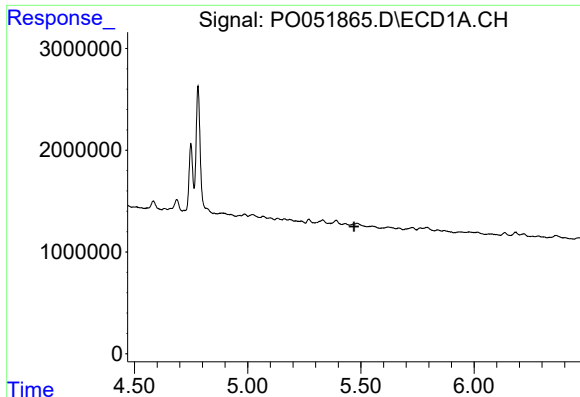
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.381 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

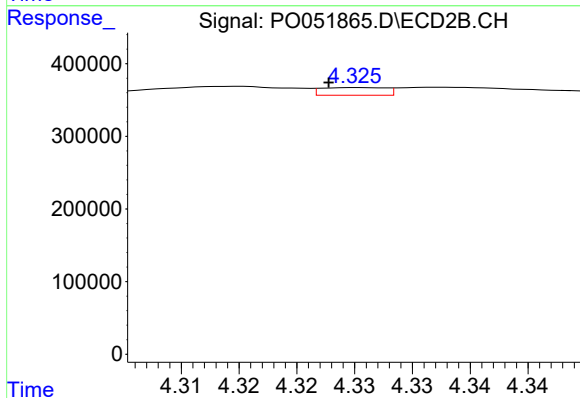
R.T.: 5.066 min  
Delta R.T.: -0.007 min  
Response: 98149  
Conc: 15.99 ng/ml



#21 AR-1248-1

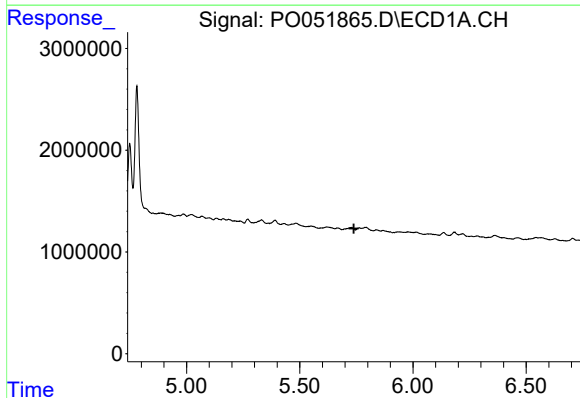
R.T.: 0.000 min  
Exp R.T. : 5.469 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



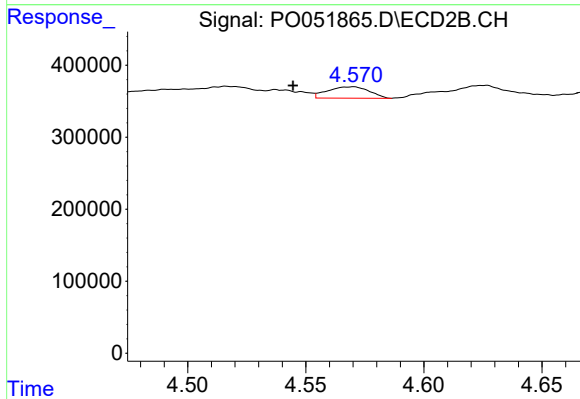
#21 AR-1248-1

R.T.: 4.325 min  
Delta R.T.: 0.003 min  
Response: 40813  
Conc: 7.83 ng/ml



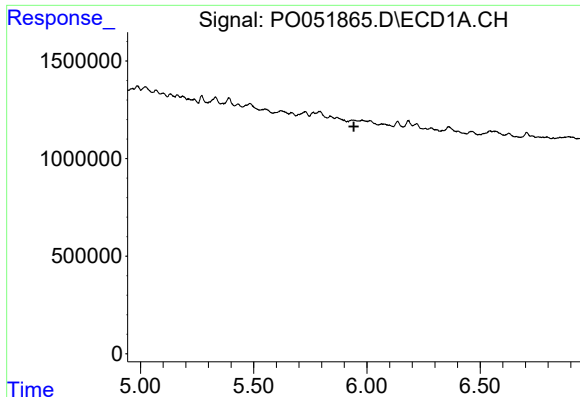
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.739 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

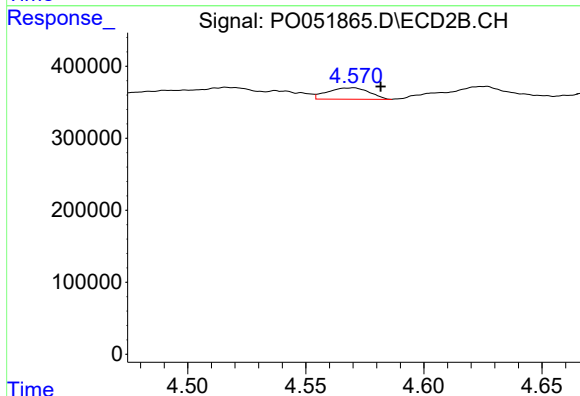
R.T.: 4.571 min  
Delta R.T.: 0.026 min  
Response: 195440  
Conc: 24.92 ng/ml



#23 AR-1248-3

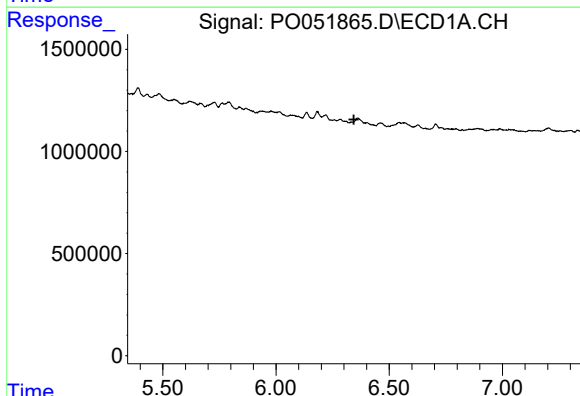
R.T.: 0.000 min  
Exp R.T. : 5.943 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



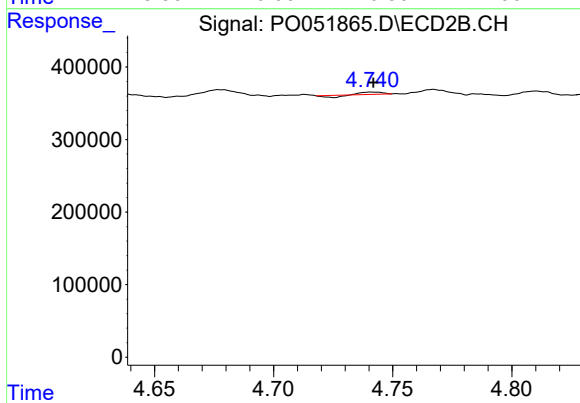
#23 AR-1248-3

R.T.: 4.571 min  
Delta R.T.: -0.011 min  
Response: 195440  
Conc: 25.11 ng/ml



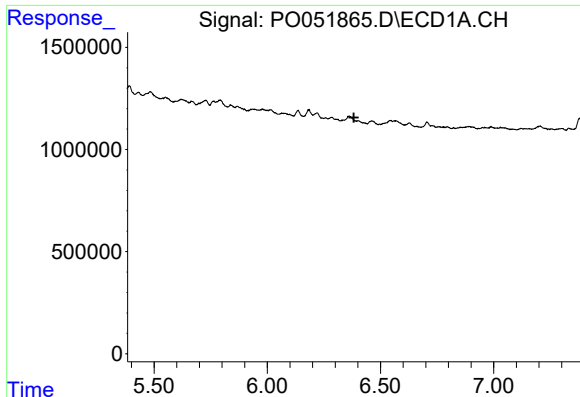
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 6.344 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

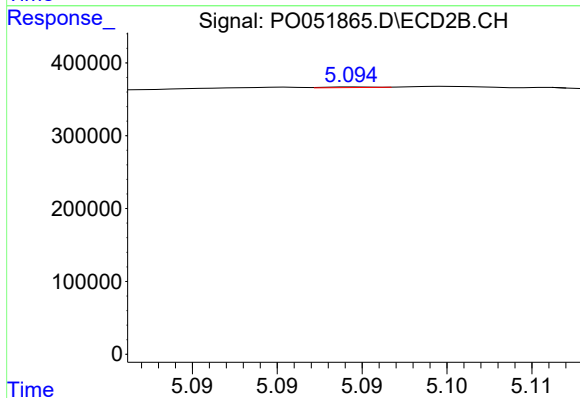
R.T.: 4.741 min  
Delta R.T.: 0.000 min  
Response: 9414  
Conc: 0.96 ng/ml



#25 AR-1248-5

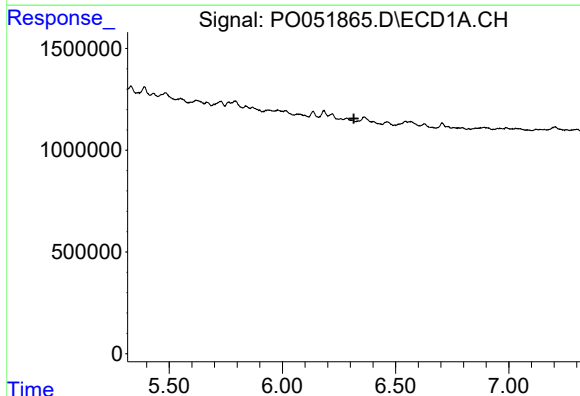
R.T.: 0.000 min  
Exp R.T. : 6.382 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



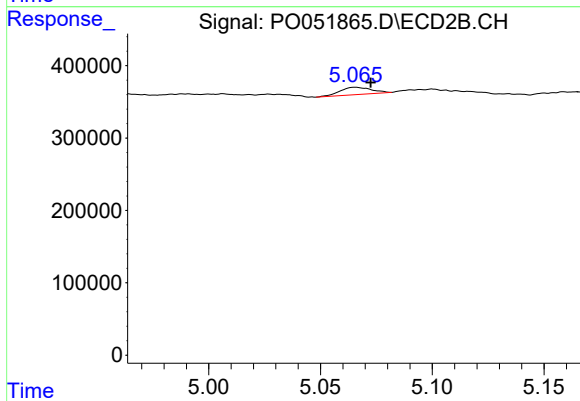
#25 AR-1248-5

R.T.: 5.095 min  
Delta R.T.: -0.016 min  
Response: 1715  
Conc: 0.19 ng/ml



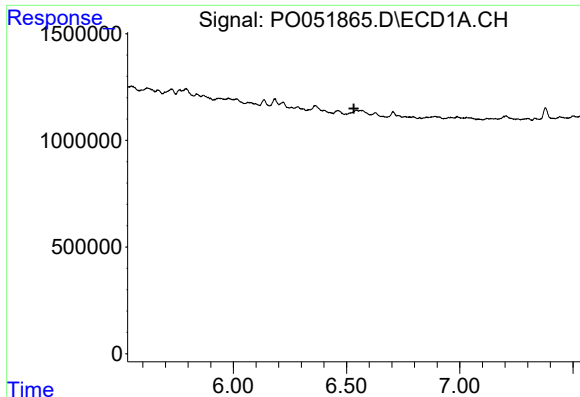
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 6.316 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

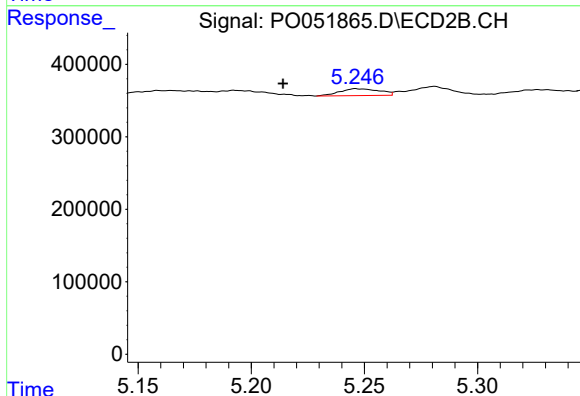
R.T.: 5.066 min  
Delta R.T.: -0.007 min  
Response: 98149  
Conc: 7.21 ng/ml



#27 AR-1254-2

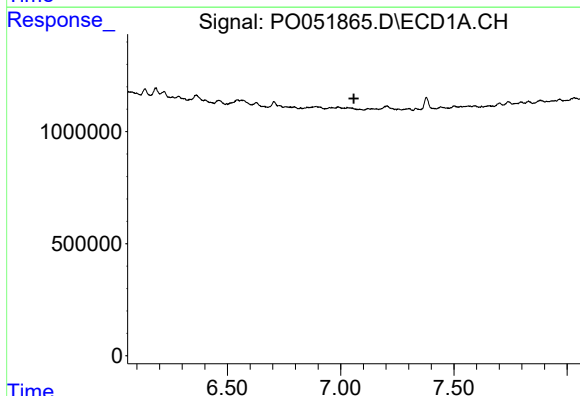
R.T.: 0.000 min  
Exp R.T.: 6.533 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



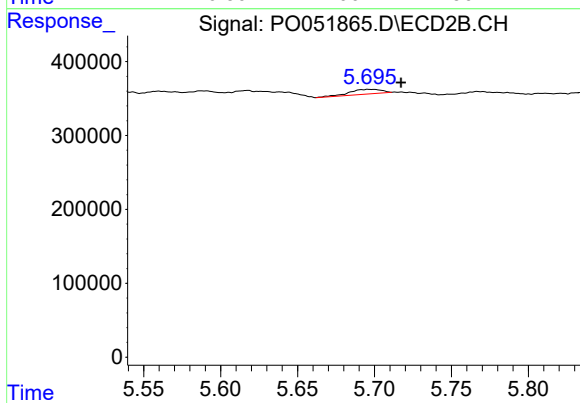
#27 AR-1254-2

R.T.: 5.246 min  
Delta R.T.: 0.032 min  
Response: 114754  
Conc: 9.87 ng/ml



#31 AR-1260-1

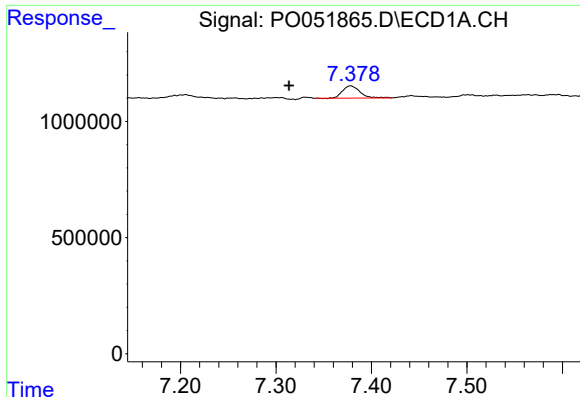
R.T.: 0.000 min  
Exp R.T.: 7.058 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

R.T.: 5.696 min  
Delta R.T.: -0.022 min  
Response: 92702  
Conc: 7.02 ng/ml

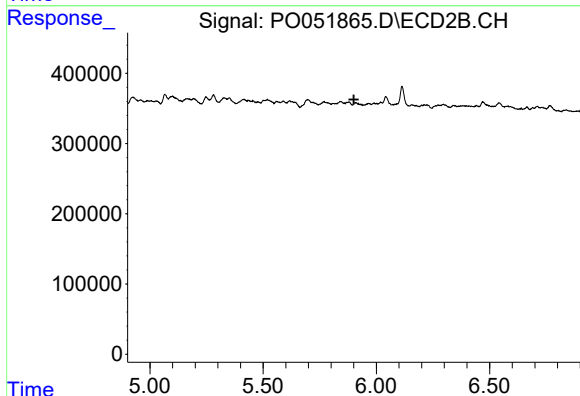




#32 AR-1260-2

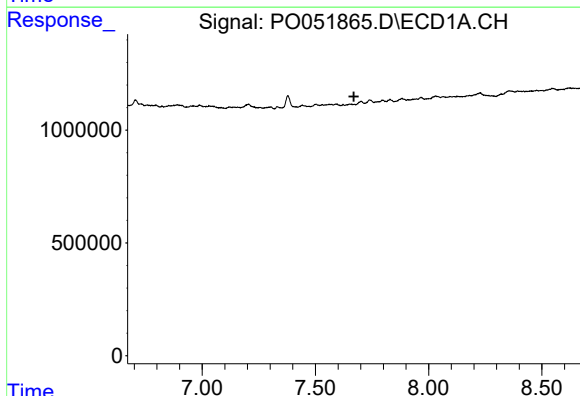
R.T.: 7.378 min  
Delta R.T.: 0.064 min  
Response: 665492  
Conc: 21.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



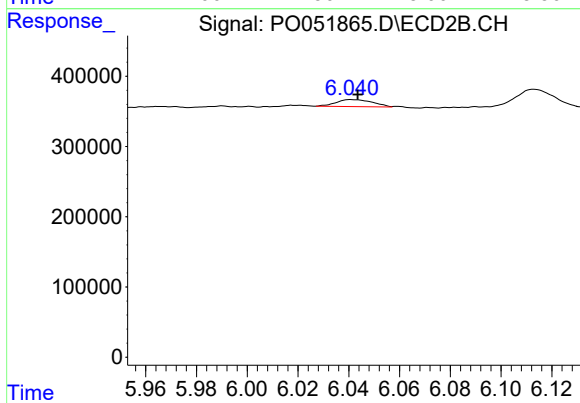
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 5.901 min  
Response: 0  
Conc: N.D.



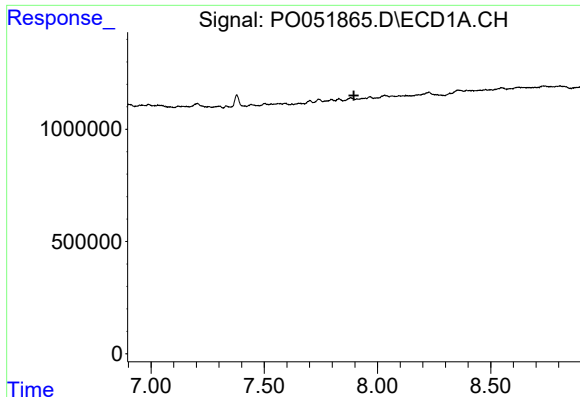
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.670 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

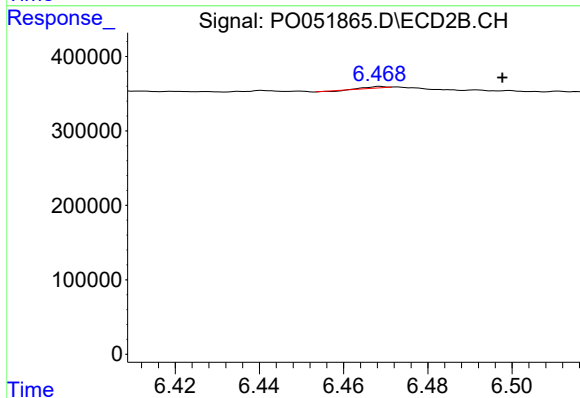
R.T.: 6.041 min  
Delta R.T.: -0.003 min  
Response: 99205  
Conc: 6.93 ng/ml



#34 AR-1260-4

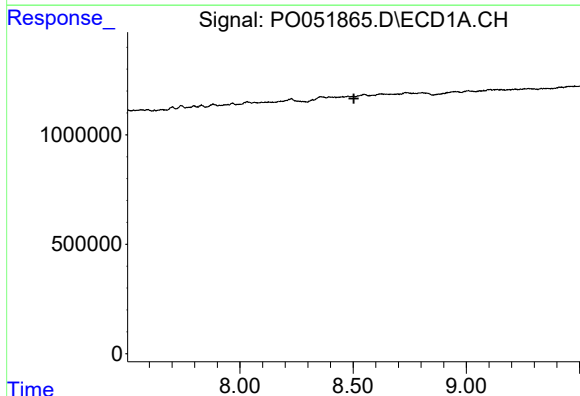
R.T.: 0.000 min  
Exp R.T. : 7.896 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



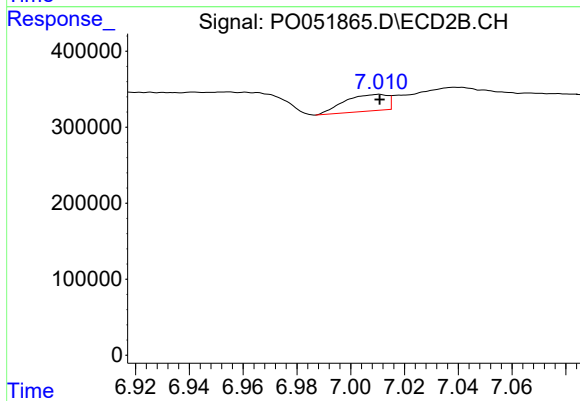
#34 AR-1260-4

R.T.: 6.469 min  
Delta R.T.: -0.029 min  
Response: 4262  
Conc: 0.46 ng/ml



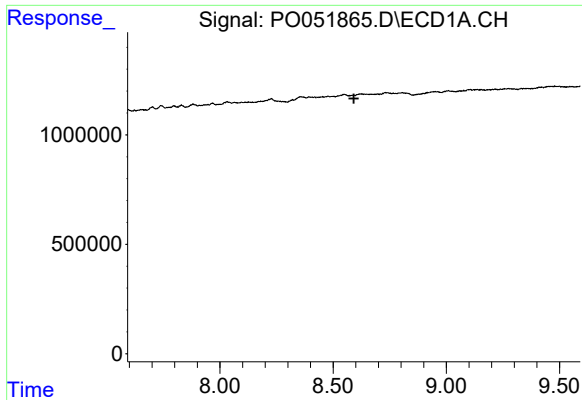
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.503 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

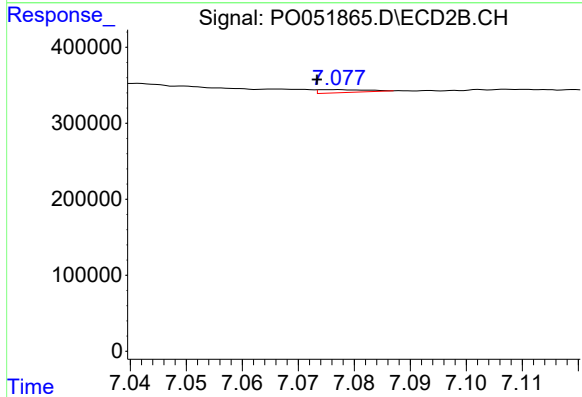
R.T.: 7.011 min  
Delta R.T.: 0.000 min  
Response: 241754  
Conc: 23.21 ng/ml



#39 AR-1262-4

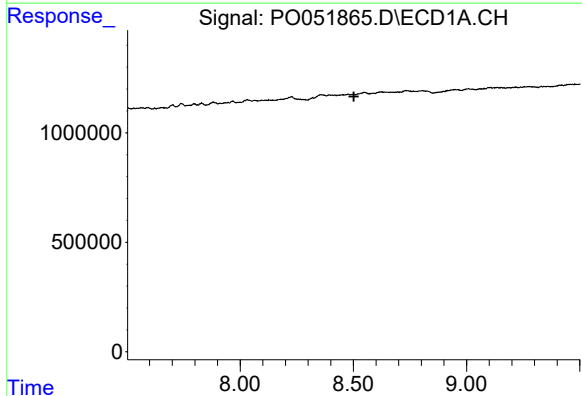
R.T.: 0.000 min  
Exp R.T. : 8.591 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



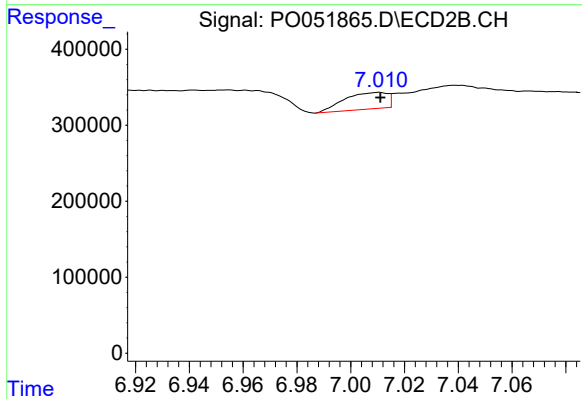
#39 AR-1262-4

R.T.: 7.077 min  
Delta R.T.: 0.003 min  
Response: 22631  
Conc: 1.22 ng/ml



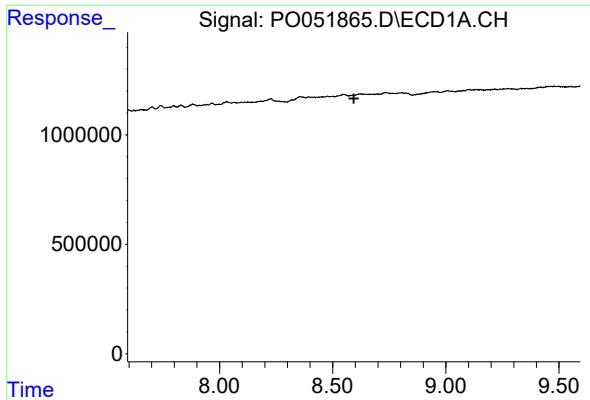
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.503 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

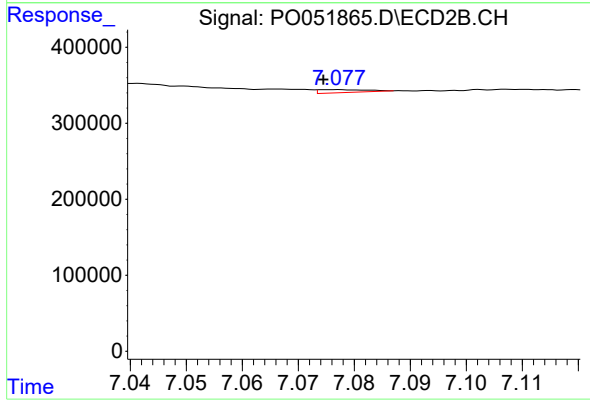
R.T.: 7.011 min  
Delta R.T.: 0.000 min  
Response: 241754  
Conc: 6.96 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#42 AR-1268-2

R.T.: 7.077 min  
Delta R.T.: 0.002 min  
Response: 22631  
Conc: 0.67 ng/ml