

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0081222\  
 Data File : P0088922.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Aug 2022 21:08  
 Operator : YP/AJ  
 Sample : PB145966BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 13 00:48:02 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0080422.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 05 23:24:09 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 4.434  | 3.592  | 54397548 | 20490303 | 20.167 | 18.932   |
| 2)                          | SA Decachlor... | 10.272 | 8.581  | 42859806 | 23350713 | 22.211 | 19.268   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.615f | 0        | 59294    | N.D.   | 1.591 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.802f | 0        | 38244    | N.D.   | 1.307 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.971f | 0        | 182419   | N.D.   | 7.562 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.067f | 0        | 27616    | N.D.   | 0.847 #  |
| 8)                          | L2 AR-1221-1    | 4.645  | 0.000  | 930899   | 0        | 30.032 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.741  | 3.888  | 910232   | 614538   | 39.370 | 68.039 # |
| 11)                         | L3 AR-1232-1    | 4.741f | 0.000  | 910232   | 0        | 16.386 | N.D. #   |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.802f | 0        | 38244    | N.D.   | 3.112 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.971  | 0        | 182419   | N.D.   | 15.477 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.067f | 0        | 27616    | N.D.   | 2.053 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.615f | 0        | 59294    | N.D.   | 1.934 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.802f | 0        | 38244    | N.D.   | 1.593 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.971  | 0        | 182419   | N.D.   | 7.235 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.615f | 0        | 59294    | N.D.   | 2.525 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.971f | 0        | 182419   | N.D.   | 5.083 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.971  | 0        | 182419   | N.D.   | 4.791 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.067f | 0        | 27616    | N.D.   | 0.601 #  |
| 27)                         | L6 AR-1254-2    | 6.694  | 0.000  | 111494   | 0        | 0.815  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.062  | 6.026  | 772922   | 95001    | 5.492  | 1.022 #  |
| 29)                         | L6 AR-1254-4    | 7.347  | 6.321f | 30759    | 257929   | 0.304  | 4.553 #  |
| 30)                         | L6 AR-1254-5    | 7.775  | 0.000  | 95460    | 0        | 0.896  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.231  | 0.000  | 385837   | 0        | 3.733  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.486  | 6.321  | 184724   | 257929   | 1.563  | 3.366 #  |
| 33)                         | L7 AR-1260-3    | 7.852  | 0.000  | 43481    | 0        | 0.495  | N.D. #   |
| 34)                         | L7 AR-1260-4    | 8.071  | 6.971  | 441024   | 132854   | 4.503  | 2.177 #  |
| 35)                         | L7 AR-1260-5    | 8.389  | 0.000  | 90737    | 0        | 0.493  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 7.852  | 0.000  | 43481    | 0        | 0.343  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.389  | 0.000  | 90737    | 0        | 0.432  | N.D. #   |
| 38)                         | L8 AR-1262-3    | 8.783f | 7.491  | 102093   | 59360    | 1.132  | 0.962    |
| 39)                         | L8 AR-1262-4    | 8.810  | 7.570  | 67642    | 125886   | 1.026  | 1.105    |
| 40)                         | L8 AR-1262-5    | 9.467  | 8.065  | 98730    | 983774   | 1.231  | 18.324 # |
| 41)                         | L9 AR-1268-1    | 8.783f | 7.491  | 102093   | 59360    | 0.412  | 0.335    |
| 42)                         | L9 AR-1268-2    | 8.810  | 7.570  | 67642    | 125886   | 0.297  | 0.784 #  |
| 43)                         | L9 AR-1268-3    | 9.051  | 0.000  | 163642   | 0        | 0.835  | N.D. #   |
| 44)                         | L9 AR-1268-4    | 9.467  | 8.065  | 98730    | 983774   | 1.134  | 16.997 # |
| 45)                         | L9 AR-1268-5    | 9.919  | 0.000  | 63393    | 0        | 0.101  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

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

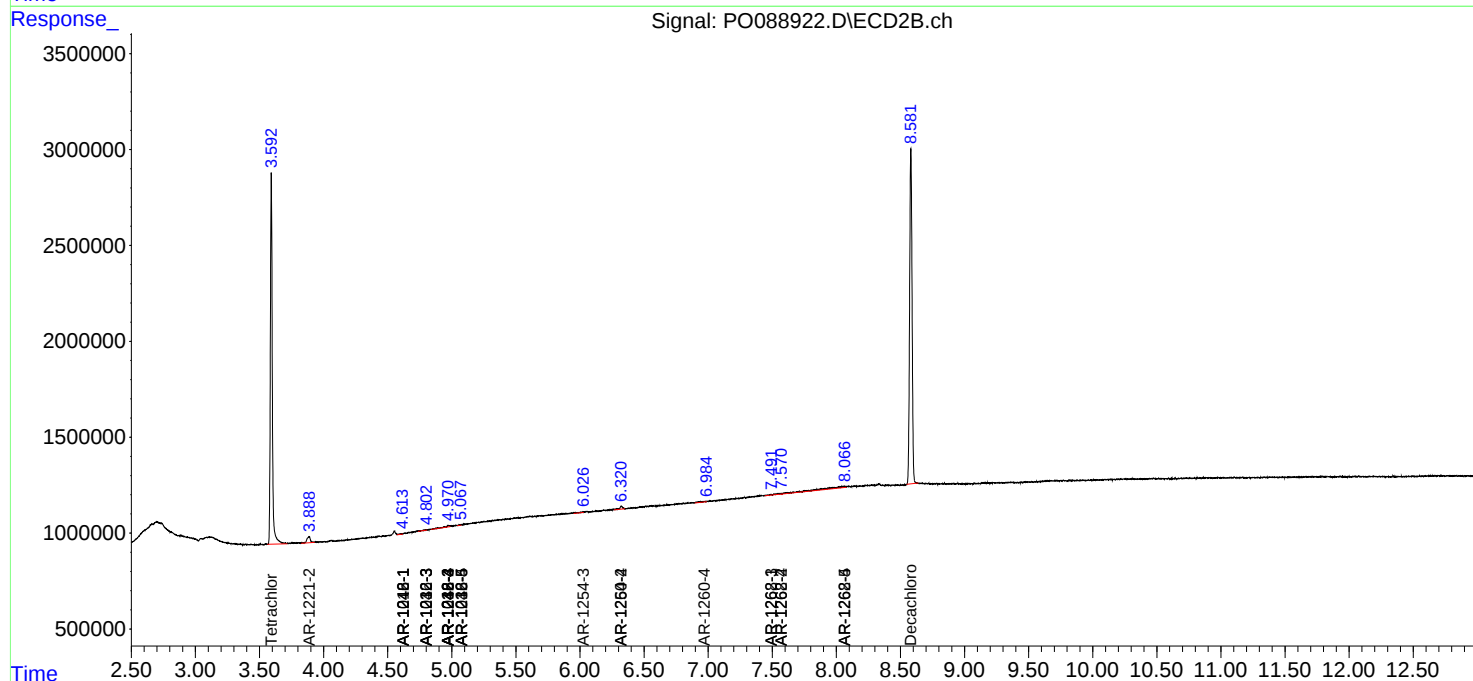
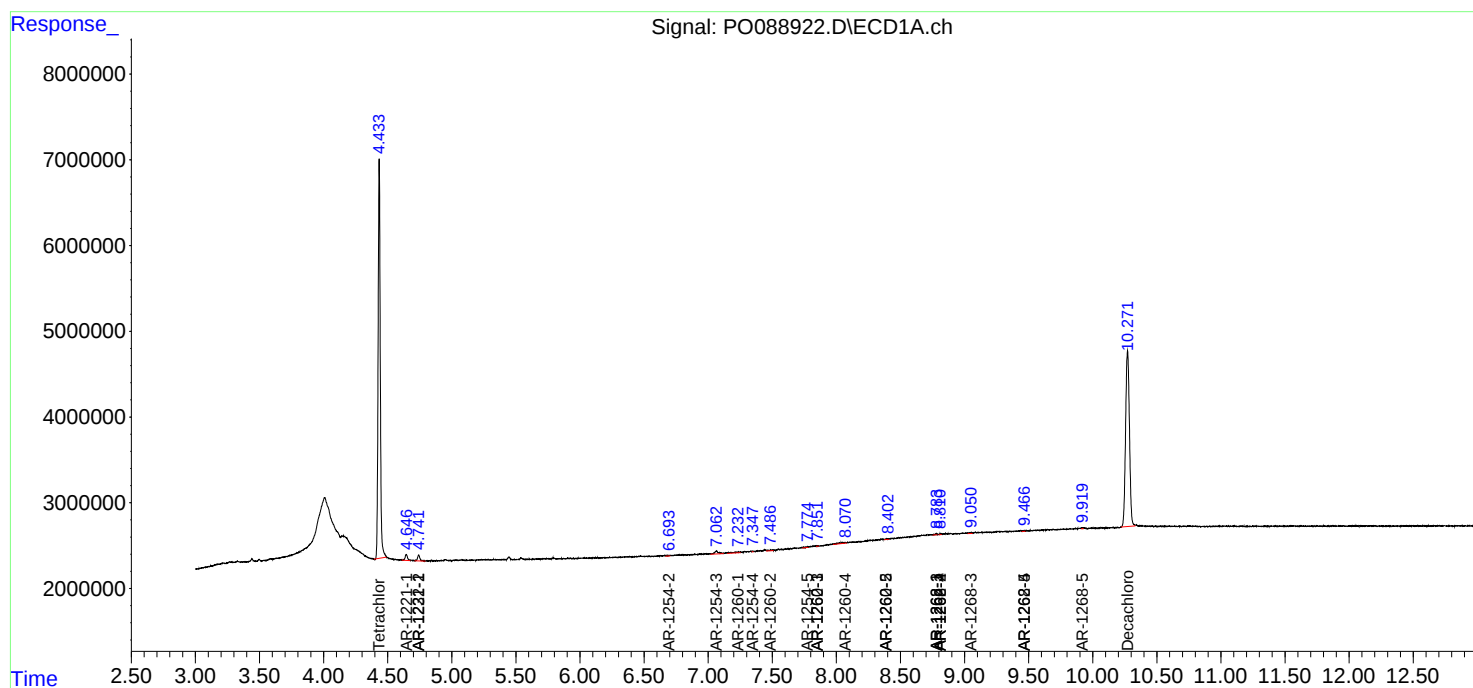
Instrument :  
ECD\_O  
ClientSampleId :

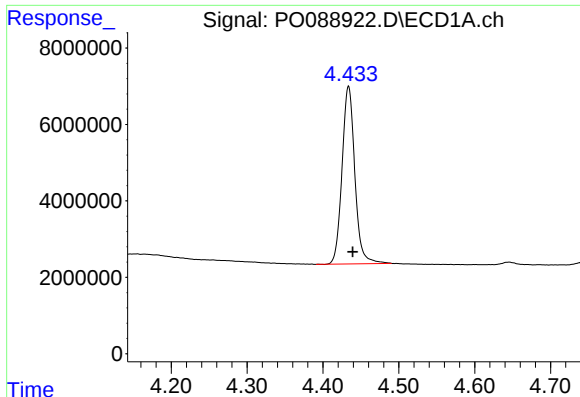
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO081222\  
Data File : PO088922.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Aug 2022 21:08  
Operator : YP/AJ  
Sample : PB145966BL  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 13 00:48:02 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO080422.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 05 23:24:09 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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

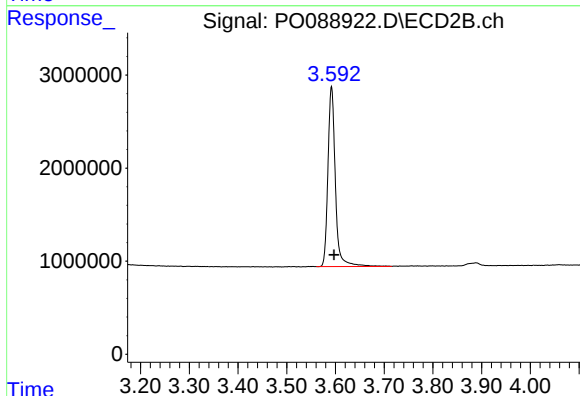




#1 Tetrachloro-m-xylene

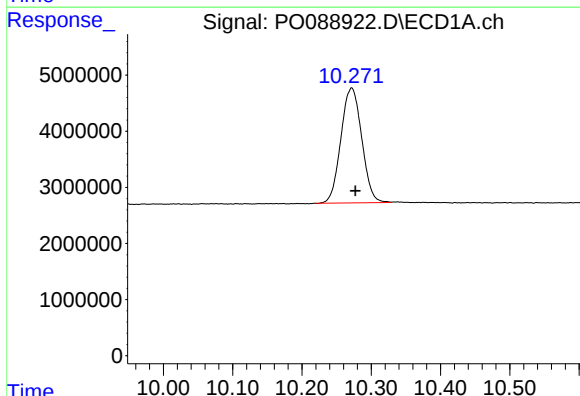
R.T.: 4.434 min  
Delta R.T.: -0.005 min  
Response: 54397548  
Conc: 20.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



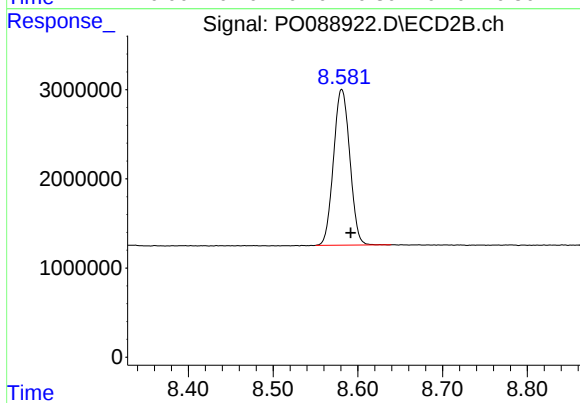
#1 Tetrachloro-m-xylene

R.T.: 3.592 min  
Delta R.T.: -0.005 min  
Response: 20490303  
Conc: 18.93 ng/ml



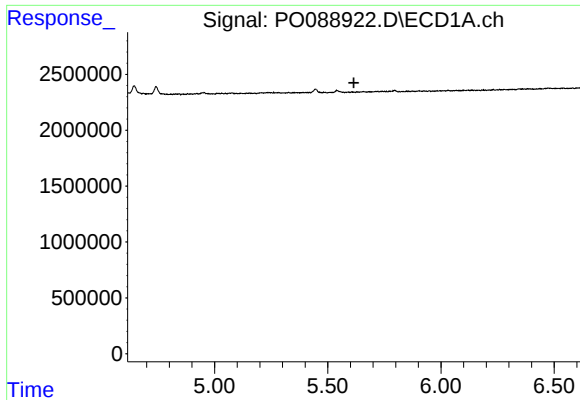
#2 Decachlorobiphenyl

R.T.: 10.272 min  
Delta R.T.: -0.005 min  
Response: 42859806  
Conc: 22.21 ng/ml



#2 Decachlorobiphenyl

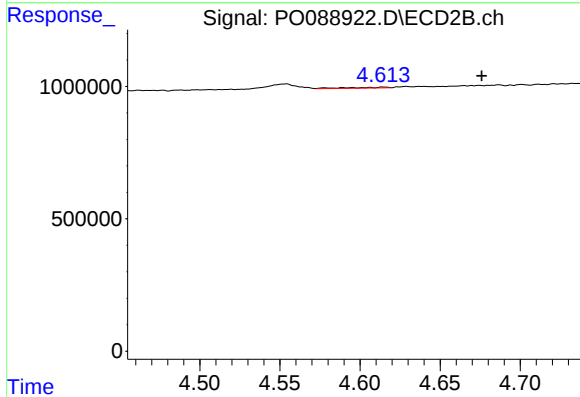
R.T.: 8.581 min  
Delta R.T.: -0.011 min  
Response: 23350713  
Conc: 19.27 ng/ml



#3 AR-1016-1

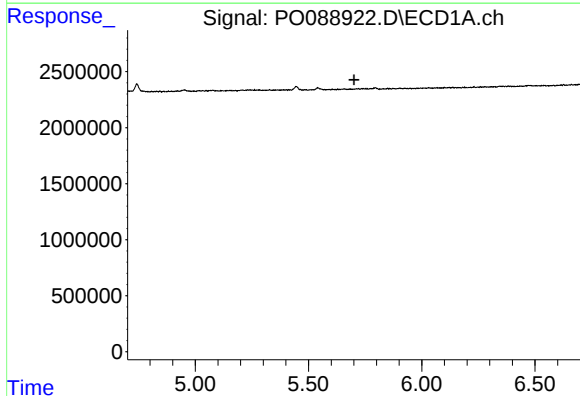
R.T.: 0.000 min  
Exp R.T.: 5.615 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



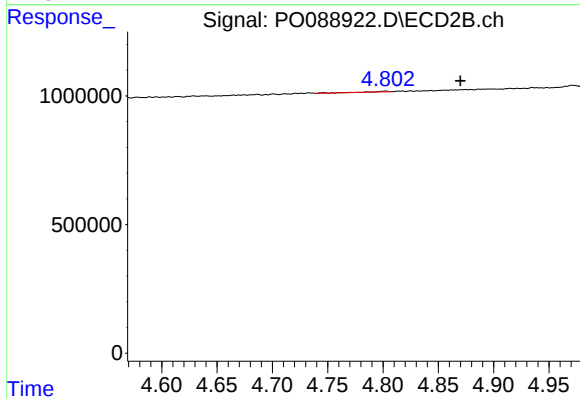
#3 AR-1016-1

R.T.: 4.615 min  
Delta R.T.: -0.061 min  
Response: 59294  
Conc: 1.59 ng/ml



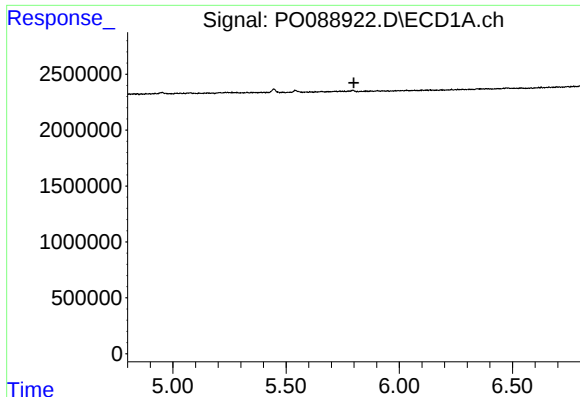
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.701 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

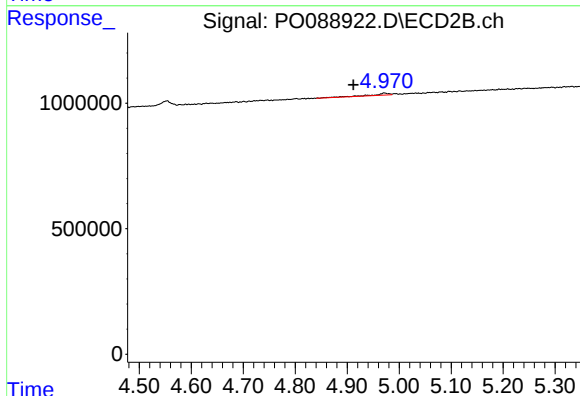
R.T.: 4.802 min  
Delta R.T.: -0.068 min  
Response: 38244  
Conc: 1.31 ng/ml



#6 AR-1016-4

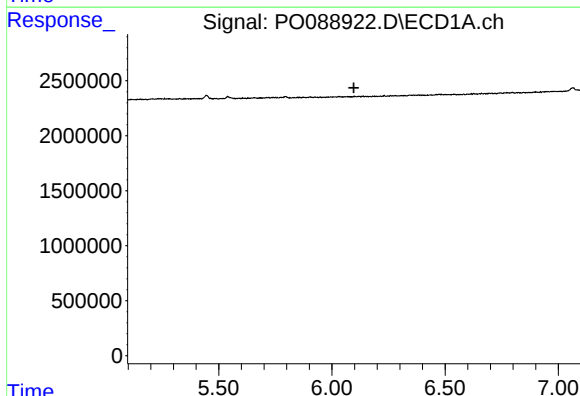
R.T.: 0.000 min  
Exp R.T.: 5.800 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



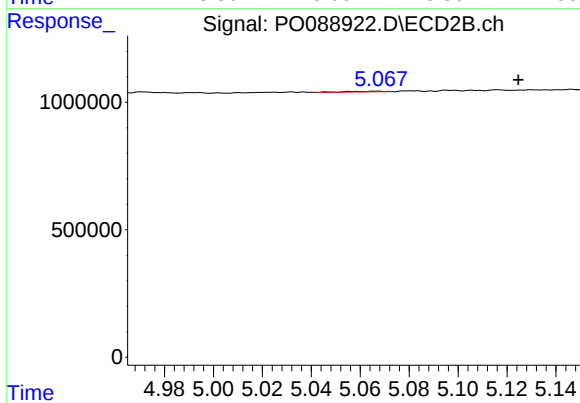
#6 AR-1016-4

R.T.: 4.971 min  
Delta R.T.: 0.059 min  
Response: 182419  
Conc: 7.56 ng/ml



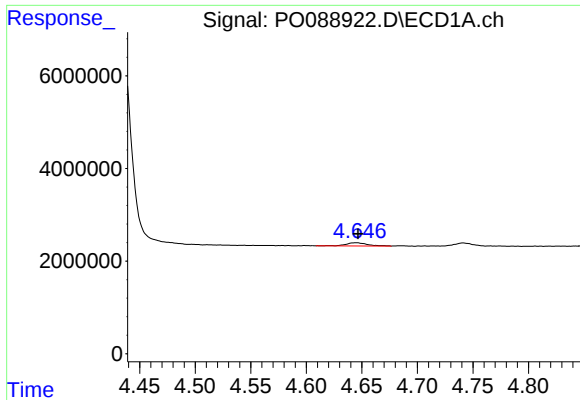
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 6.097 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

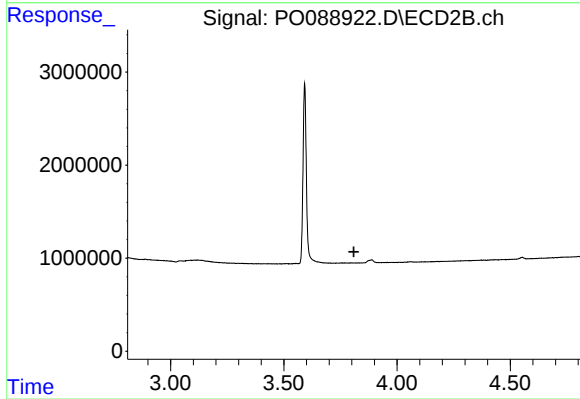
R.T.: 5.067 min  
Delta R.T.: -0.058 min  
Response: 27616  
Conc: 0.85 ng/ml



#8 AR-1221-1

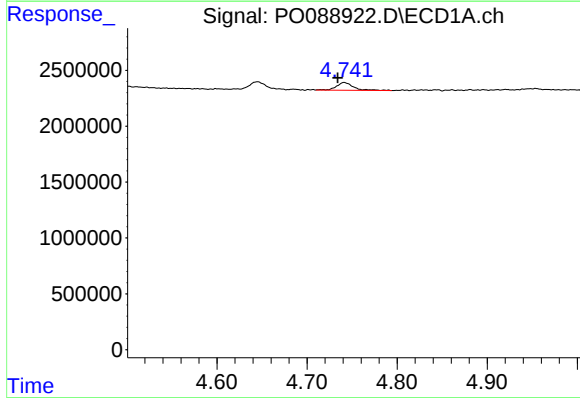
R.T.: 4.645 min  
Delta R.T.: -0.002 min  
Response: 930899  
Conc: 30.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



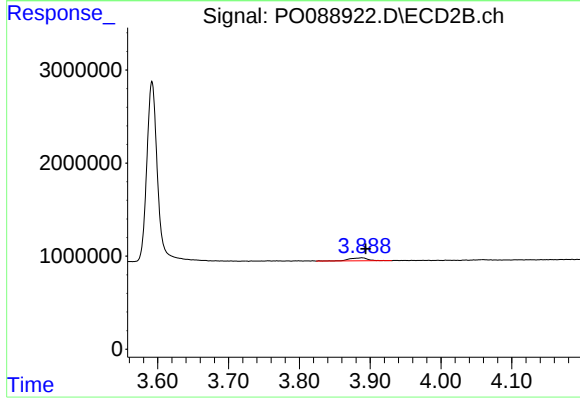
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.809 min  
Response: 0  
Conc: N.D.



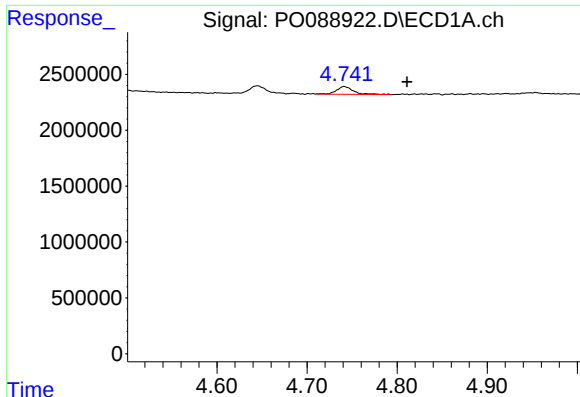
#9 AR-1221-2

R.T.: 4.741 min  
Delta R.T.: 0.007 min  
Response: 910232  
Conc: 39.37 ng/ml



#9 AR-1221-2

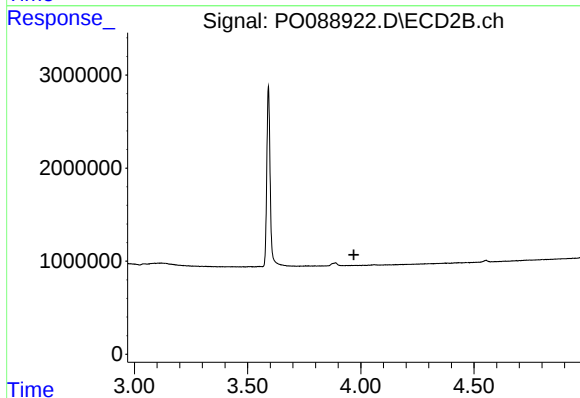
R.T.: 3.888 min  
Delta R.T.: -0.006 min  
Response: 614538  
Conc: 68.04 ng/ml



#11 AR-1232-1

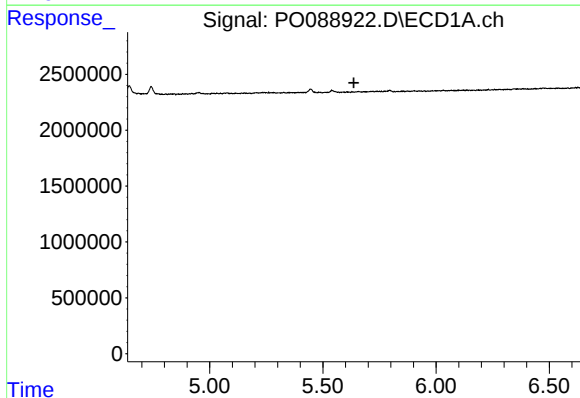
R.T.: 4.741 min  
Delta R.T.: -0.070 min  
Response: 910232  
Conc: 16.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



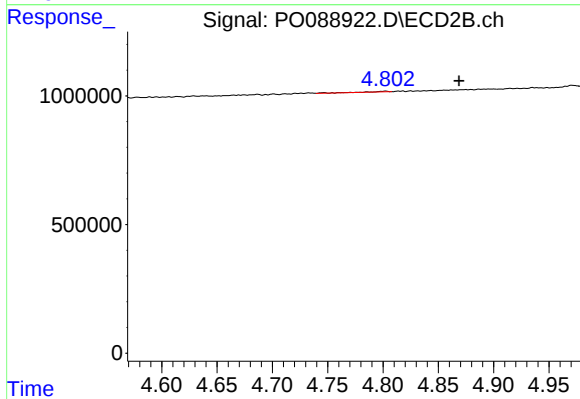
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 3.969 min  
Response: 0  
Conc: N.D.



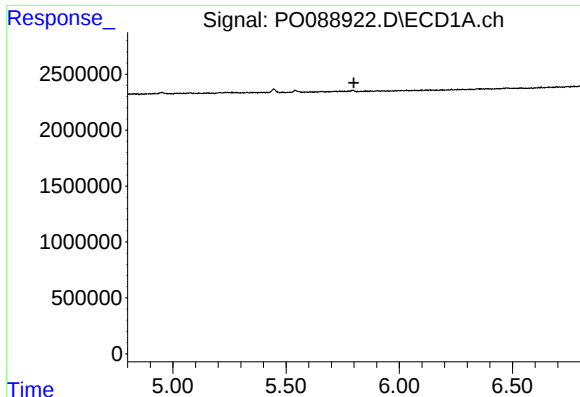
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.637 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

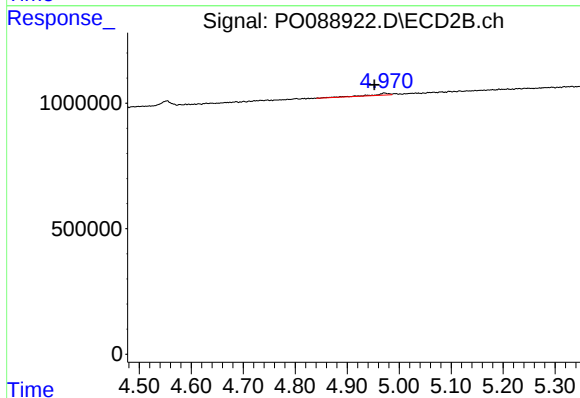
R.T.: 4.802 min  
Delta R.T.: -0.067 min  
Response: 38244  
Conc: 3.11 ng/ml



#14 AR-1232-4

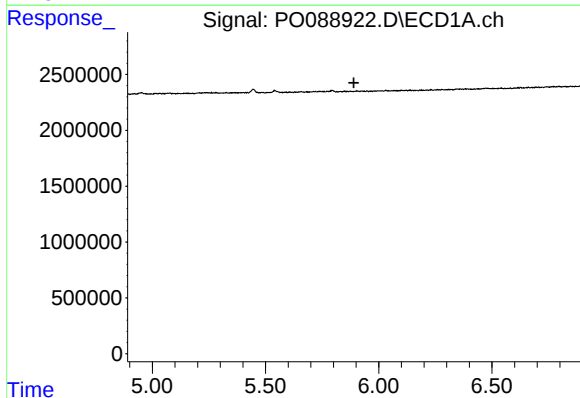
R.T.: 0.000 min  
Exp R.T.: 5.799 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



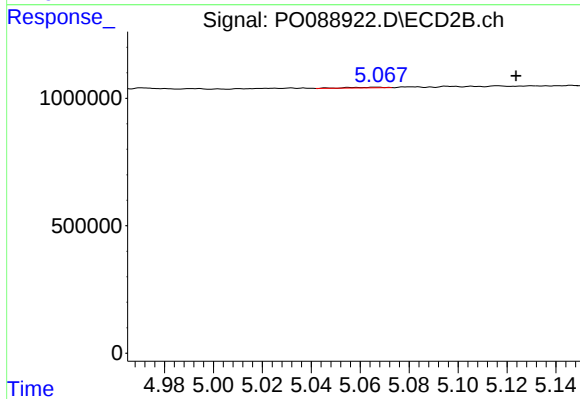
#14 AR-1232-4

R.T.: 4.971 min  
Delta R.T.: 0.019 min  
Response: 182419  
Conc: 15.48 ng/ml



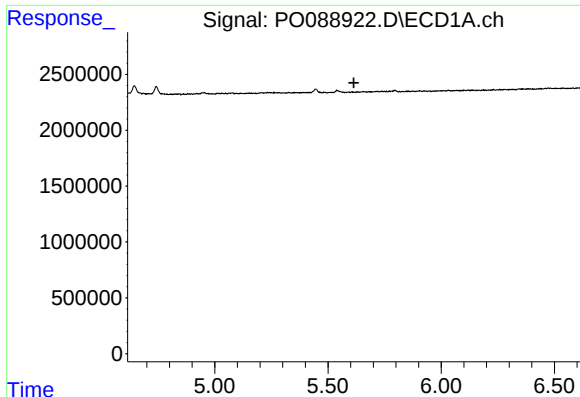
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 5.890 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

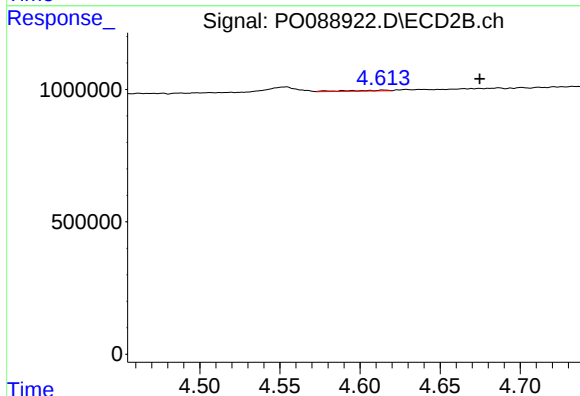
R.T.: 5.067 min  
Delta R.T.: -0.057 min  
Response: 27616  
Conc: 2.05 ng/ml



#16 AR-1242-1

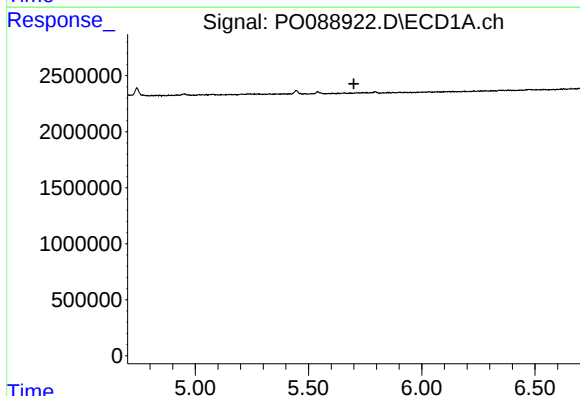
R.T.: 0.000 min  
Exp R.T.: 5.615 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



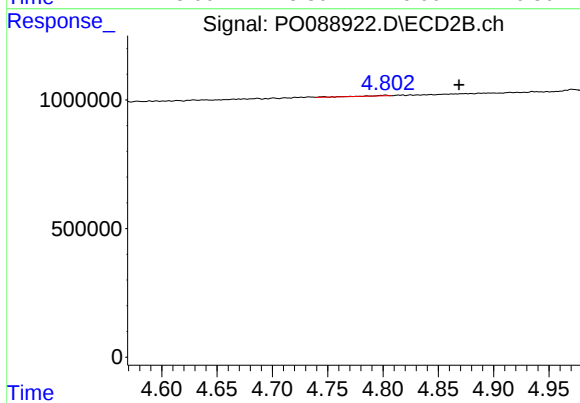
#16 AR-1242-1

R.T.: 4.615 min  
Delta R.T.: -0.060 min  
Response: 59294  
Conc: 1.93 ng/ml



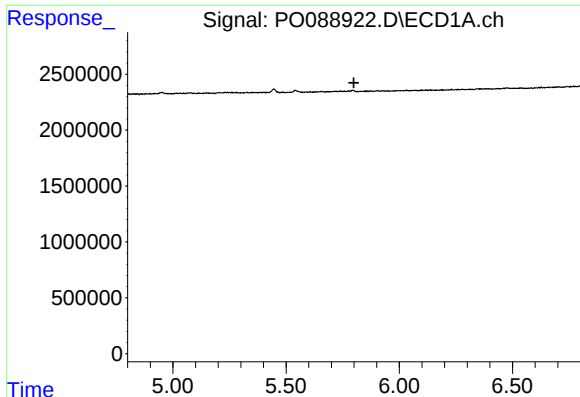
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.700 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

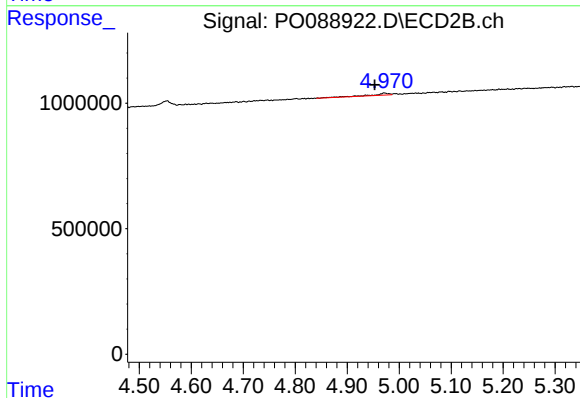
R.T.: 4.802 min  
Delta R.T.: -0.067 min  
Response: 38244  
Conc: 1.59 ng/ml



#19 AR-1242-4

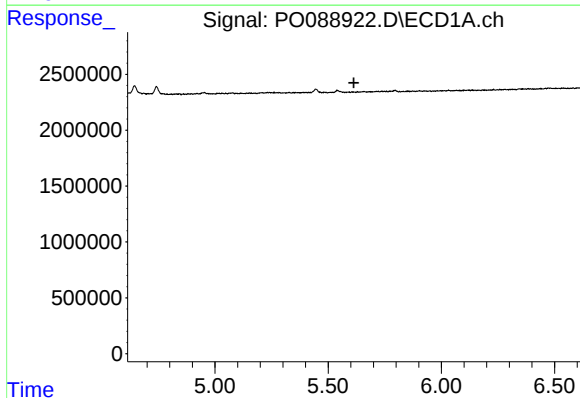
R.T.: 0.000 min  
Exp R.T.: 5.799 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



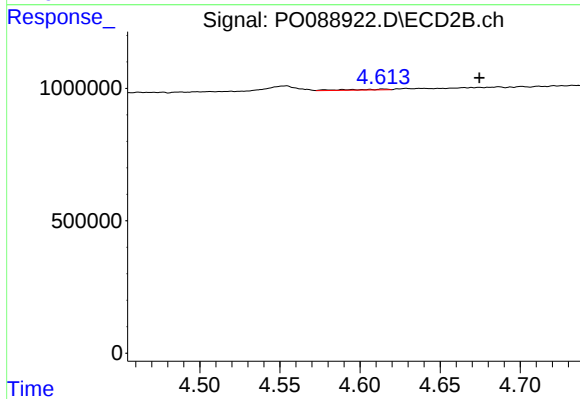
#19 AR-1242-4

R.T.: 4.971 min  
Delta R.T.: 0.018 min  
Response: 182419  
Conc: 7.24 ng/ml



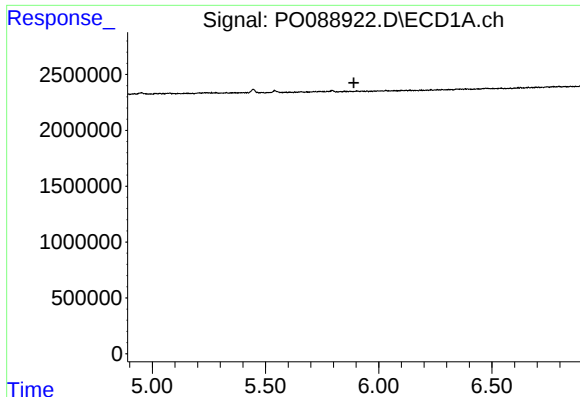
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 5.614 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

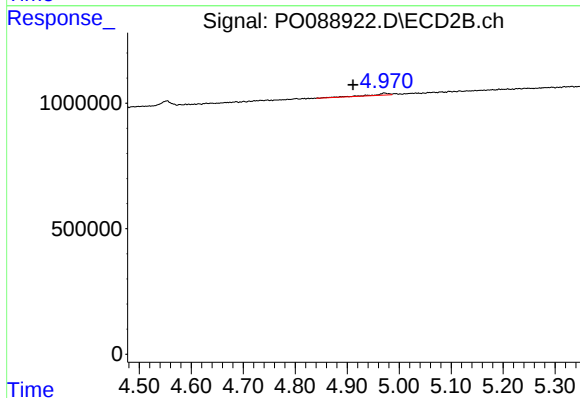
R.T.: 4.615 min  
Delta R.T.: -0.060 min  
Response: 59294  
Conc: 2.53 ng/ml



#22 AR-1248-2

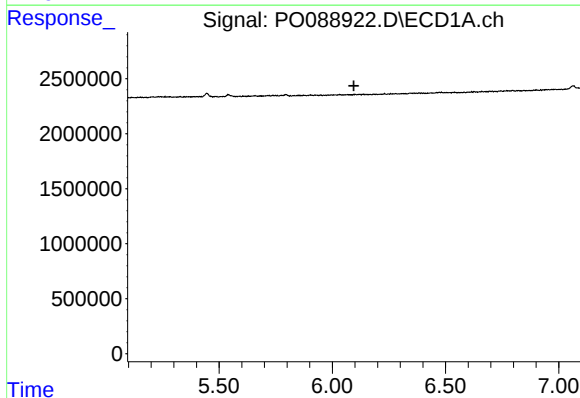
R.T.: 0.000 min  
Exp R.T.: 5.890 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



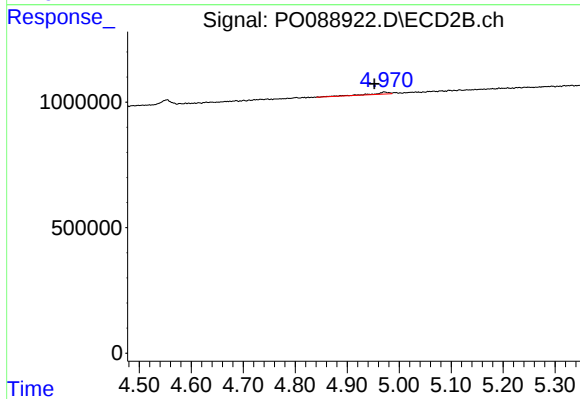
#22 AR-1248-2

R.T.: 4.971 min  
Delta R.T.: 0.060 min  
Response: 182419  
Conc: 5.08 ng/ml



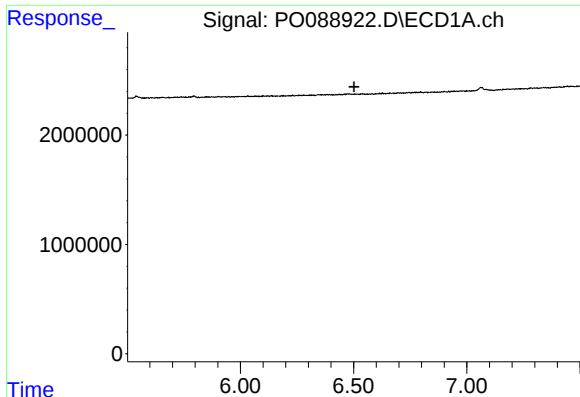
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.095 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

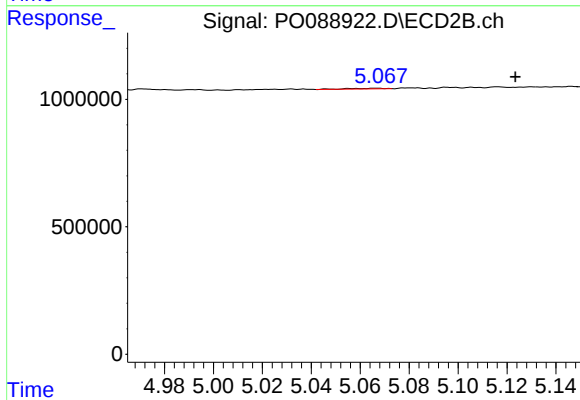
R.T.: 4.971 min  
Delta R.T.: 0.019 min  
Response: 182419  
Conc: 4.79 ng/ml



#24 AR-1248-4

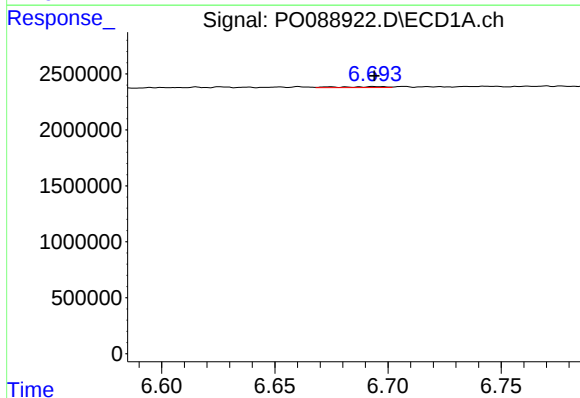
R.T.: 0.000 min  
Exp R.T.: 6.502 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



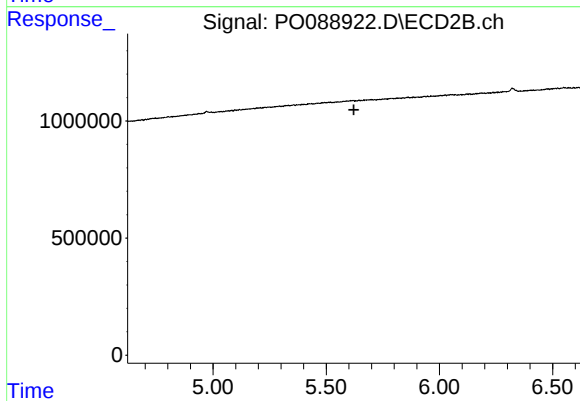
#24 AR-1248-4

R.T.: 5.067 min  
Delta R.T.: -0.057 min  
Response: 27616  
Conc: 0.60 ng/ml



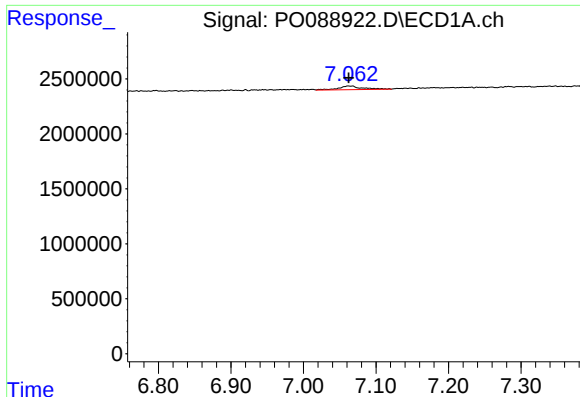
#27 AR-1254-2

R.T.: 6.694 min  
Delta R.T.: 0.000 min  
Response: 111494  
Conc: 0.82 ng/ml



#27 AR-1254-2

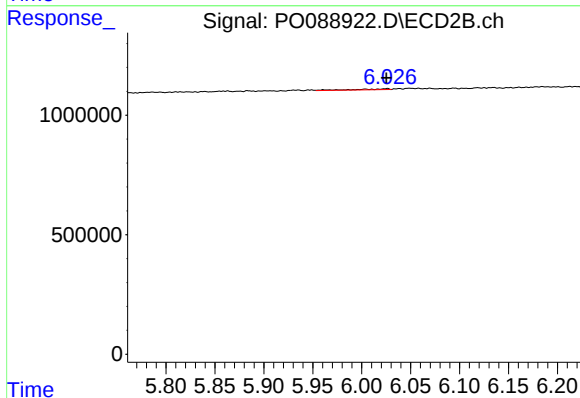
R.T.: 0.000 min  
Exp R.T.: 5.622 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

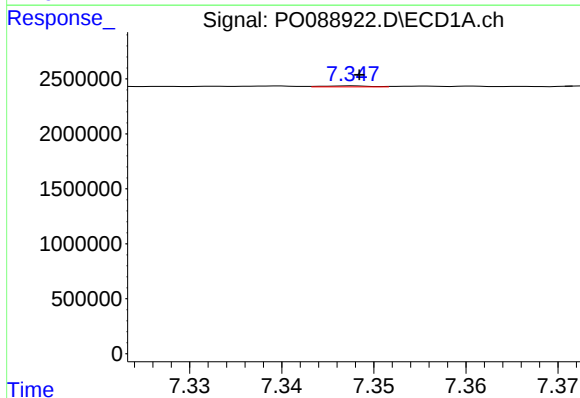
R.T.: 7.062 min  
Delta R.T.: 0.000 min  
Response: 772922  
Conc: 5.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



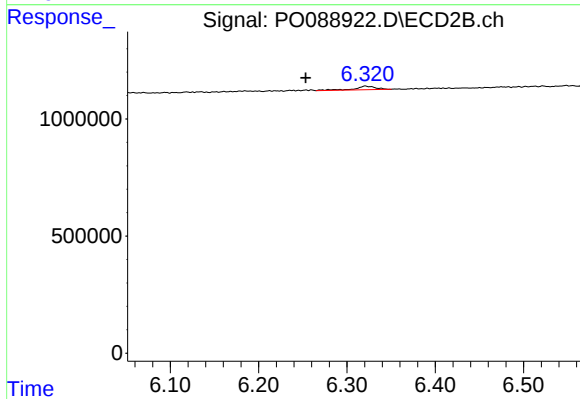
#28 AR-1254-3

R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 95001  
Conc: 1.02 ng/ml



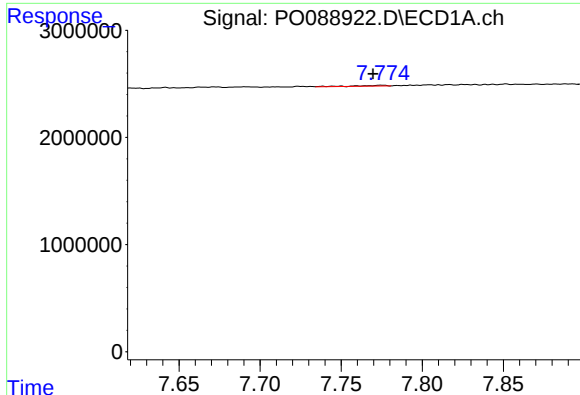
#29 AR-1254-4

R.T.: 7.347 min  
Delta R.T.: -0.001 min  
Response: 30759  
Conc: 0.30 ng/ml



#29 AR-1254-4

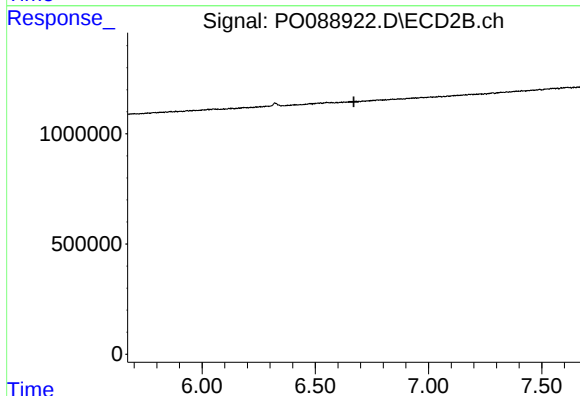
R.T.: 6.321 min  
Delta R.T.: 0.067 min  
Response: 257929  
Conc: 4.55 ng/ml



#30 AR-1254-5

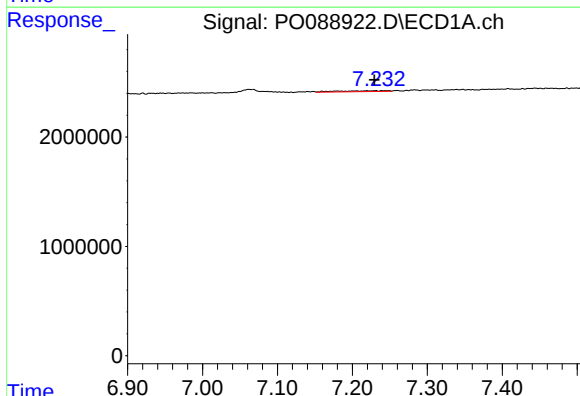
R.T.: 7.775 min  
Delta R.T.: 0.005 min  
Response: 95460  
Conc: 0.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



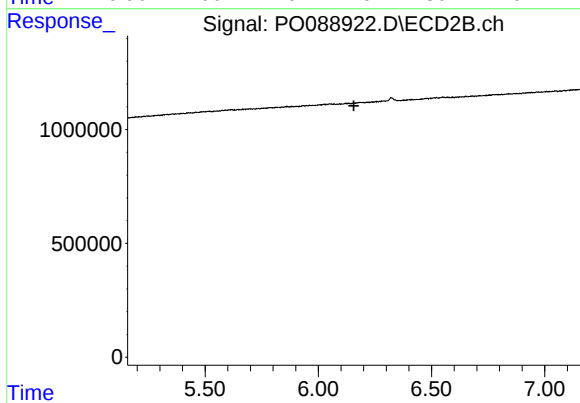
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 6.670 min  
Response: 0  
Conc: N.D.



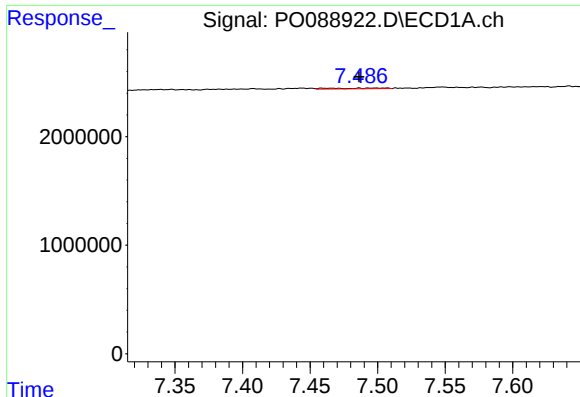
#31 AR-1260-1

R.T.: 7.231 min  
Delta R.T.: 0.002 min  
Response: 385837  
Conc: 3.73 ng/ml



#31 AR-1260-1

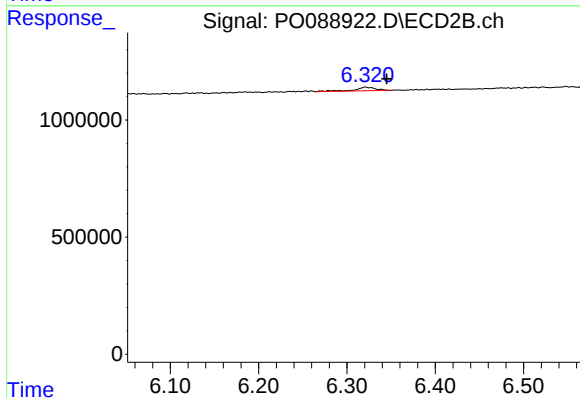
R.T.: 0.000 min  
Exp R.T. : 6.157 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

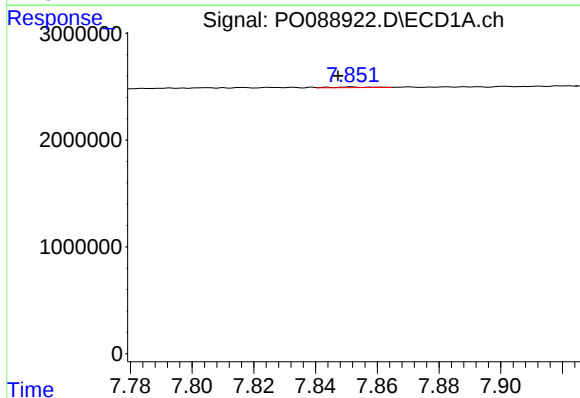
R.T.: 7.486 min  
Delta R.T.: 0.000 min  
Response: 184724  
Conc: 1.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



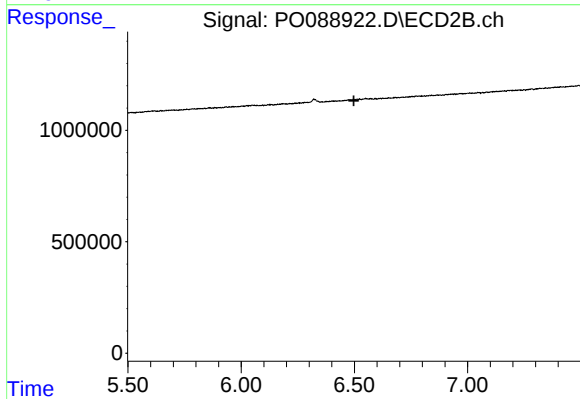
#32 AR-1260-2

R.T.: 6.321 min  
Delta R.T.: -0.024 min  
Response: 257929  
Conc: 3.37 ng/ml



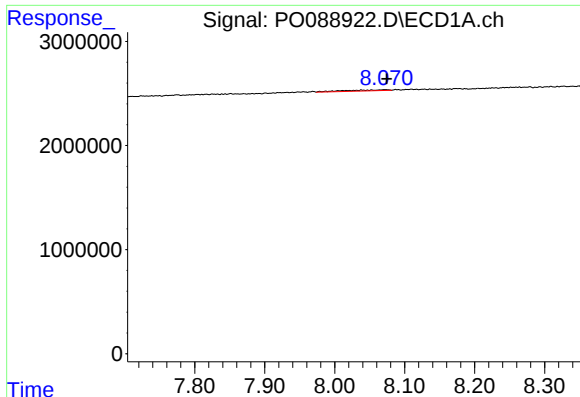
#33 AR-1260-3

R.T.: 7.852 min  
Delta R.T.: 0.004 min  
Response: 43481  
Conc: 0.49 ng/ml



#33 AR-1260-3

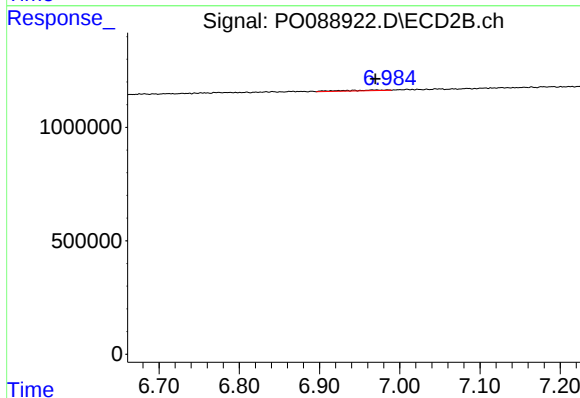
R.T.: 0.000 min  
Exp R.T.: 6.498 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

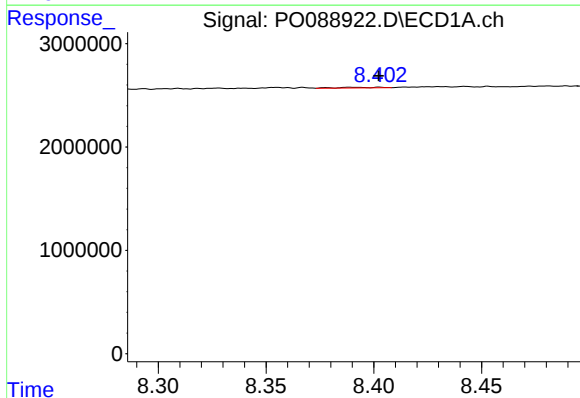
R.T.: 8.071 min  
Delta R.T.: -0.003 min  
Response: 441024  
Conc: 4.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



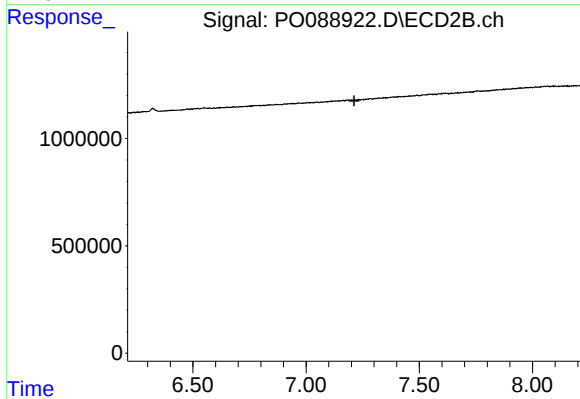
#34 AR-1260-4

R.T.: 6.971 min  
Delta R.T.: 0.002 min  
Response: 132854  
Conc: 2.18 ng/ml



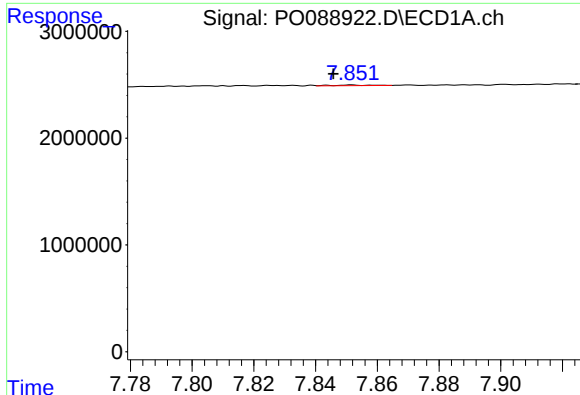
#35 AR-1260-5

R.T.: 8.389 min  
Delta R.T.: -0.014 min  
Response: 90737  
Conc: 0.49 ng/ml



#35 AR-1260-5

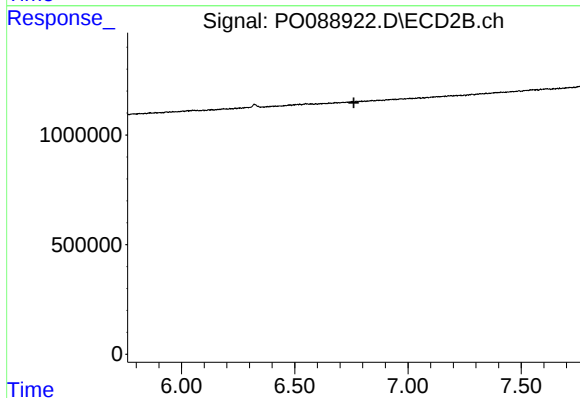
R.T.: 0.000 min  
Exp R.T. : 7.212 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

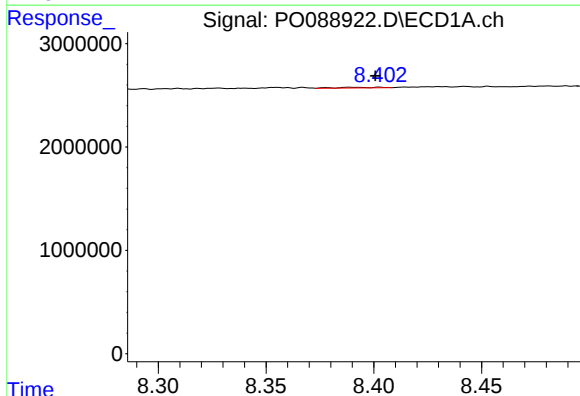
R.T.: 7.852 min  
Delta R.T.: 0.006 min  
Response: 43481  
Conc: 0.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



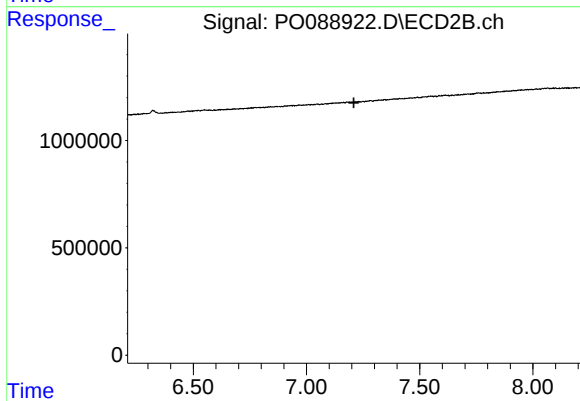
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 6.761 min  
Response: 0  
Conc: N.D.



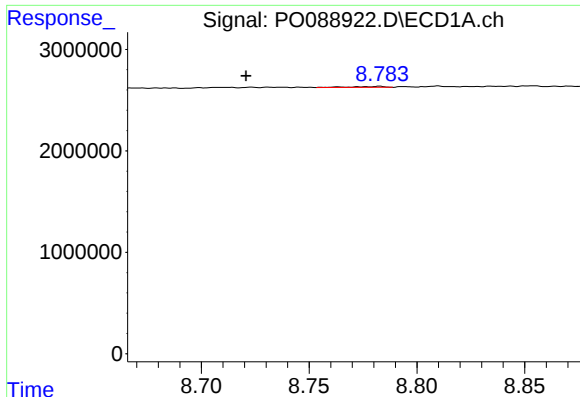
#37 AR-1262-2

R.T.: 8.389 min  
Delta R.T.: -0.012 min  
Response: 90737  
Conc: 0.43 ng/ml



#37 AR-1262-2

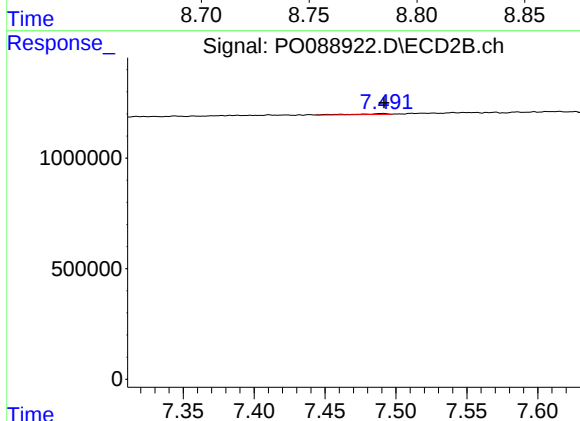
R.T.: 0.000 min  
Exp R.T. : 7.209 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

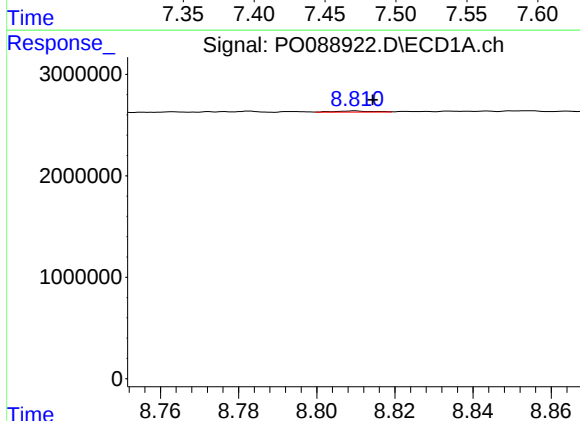
R.T.: 8.783 min  
Delta R.T.: 0.062 min  
Response: 102093  
Conc: 1.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



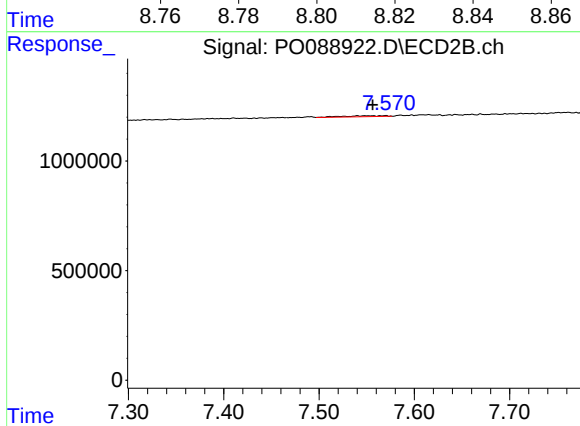
#38 AR-1262-3

R.T.: 7.491 min  
Delta R.T.: 0.000 min  
Response: 59360  
Conc: 0.96 ng/ml



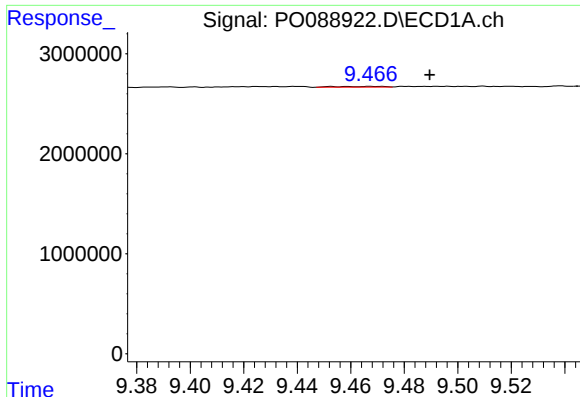
#39 AR-1262-4

R.T.: 8.810 min  
Delta R.T.: -0.005 min  
Response: 67642  
Conc: 1.03 ng/ml



#39 AR-1262-4

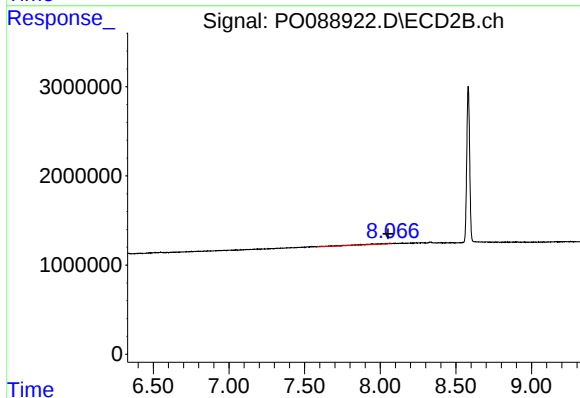
R.T.: 7.570 min  
Delta R.T.: 0.014 min  
Response: 125886  
Conc: 1.11 ng/ml



#40 AR-1262-5

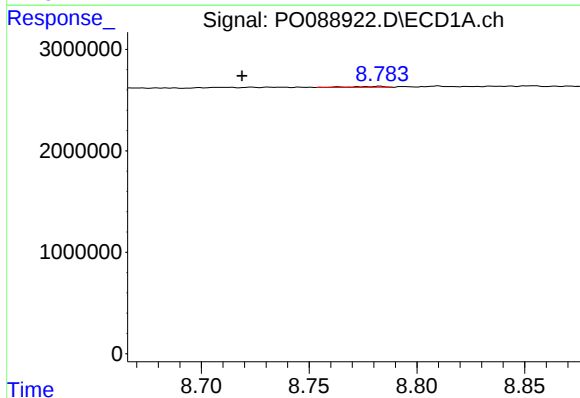
R.T.: 9.467 min  
Delta R.T.: -0.022 min  
Response: 98730  
Conc: 1.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



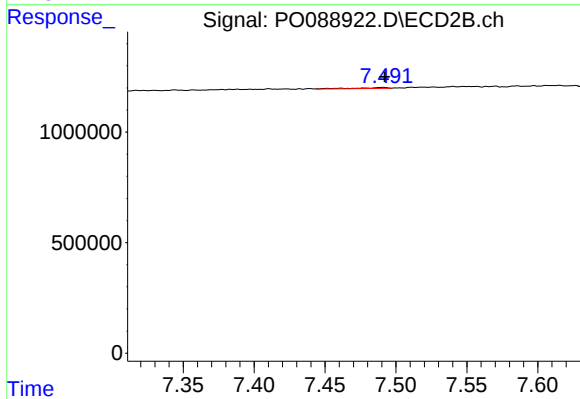
#40 AR-1262-5

R.T.: 8.065 min  
Delta R.T.: 0.015 min  
Response: 983774  
Conc: 18.32 ng/ml



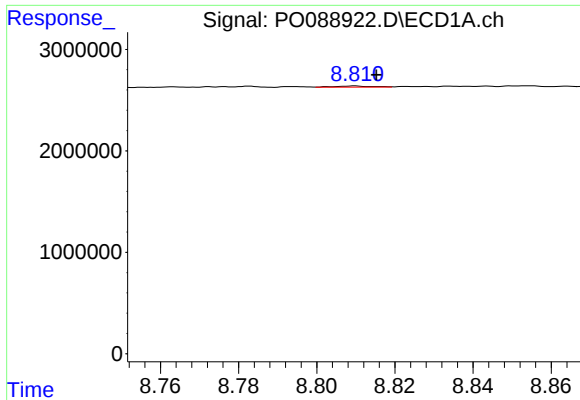
#41 AR-1268-1

R.T.: 8.783 min  
Delta R.T.: 0.064 min  
Response: 102093  
Conc: 0.41 ng/ml



#41 AR-1268-1

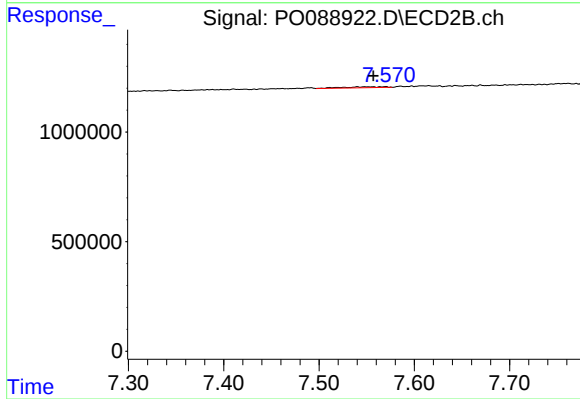
R.T.: 7.491 min  
Delta R.T.: -0.001 min  
Response: 59360  
Conc: 0.34 ng/ml



#42 AR-1268-2

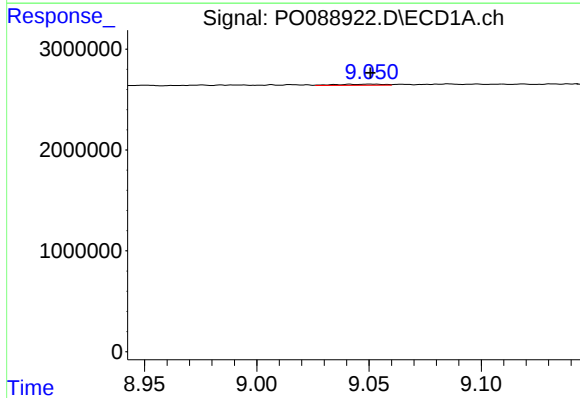
R.T.: 8.810 min  
Delta R.T.: -0.006 min  
Response: 67642  
Conc: 0.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



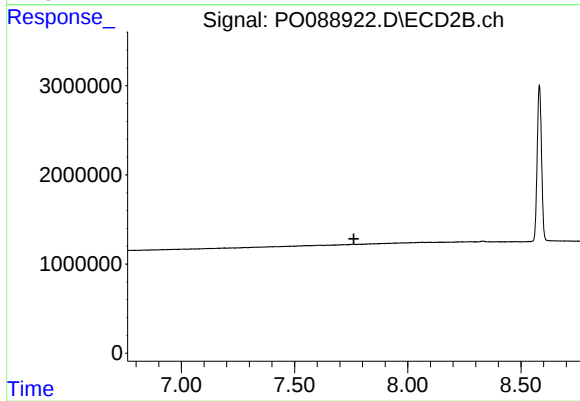
#42 AR-1268-2

R.T.: 7.570 min  
Delta R.T.: 0.013 min  
Response: 125886  
Conc: 0.78 ng/ml



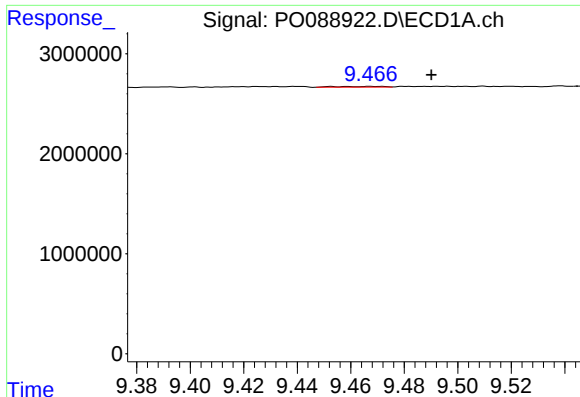
#43 AR-1268-3

R.T.: 9.051 min  
Delta R.T.: 0.000 min  
Response: 163642  
Conc: 0.84 ng/ml



#43 AR-1268-3

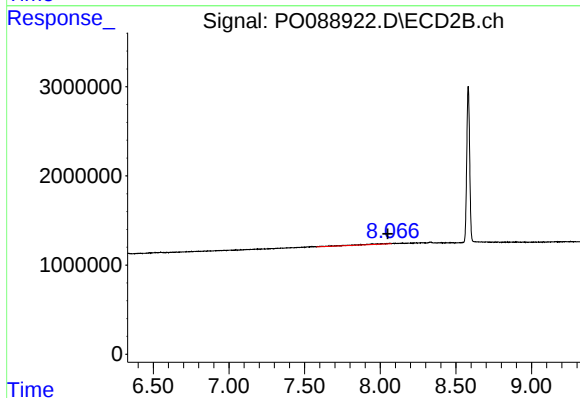
R.T.: 0.000 min  
Exp R.T. : 7.762 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

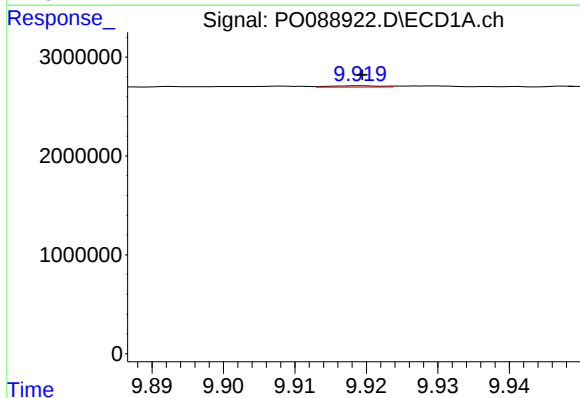
R.T.: 9.467 min  
Delta R.T.: -0.023 min  
Response: 98730  
Conc: 1.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



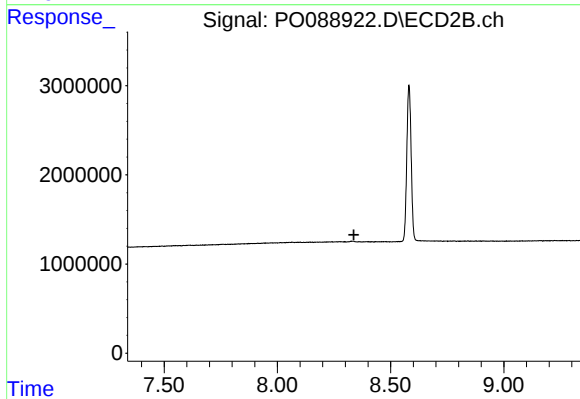
#44 AR-1268-4

R.T.: 8.065 min  
Delta R.T.: 0.016 min  
Response: 983774  
Conc: 17.00 ng/ml



#45 AR-1268-5

R.T.: 9.919 min  
Delta R.T.: 0.000 min  
Response: 63393  
Conc: 0.10 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.337 min  
Response: 0  
Conc: N.D.