

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0081222\  
 Data File : P0088926.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Aug 2022 22:17  
 Operator : YP/AJ  
 Sample : N4154-03  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 13 00:51:15 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  | 48031235 | 17314556 | 17.807  | 15.998    |
| 2)                          | SA Decachlor... | 10.271 | 8.580  | 31035405 | 17063254 | 16.083  | 14.080    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.603  | 4.613f | 408115   | 150044   | 5.063   | 4.026     |
| 4)                          | L1 AR-1016-2    | 5.603f | 0.000  | 408115   | 0        | 3.538   | N.D. #    |
| 5)                          | L1 AR-1016-3    | 5.680  | 4.918f | 146950   | 140182   | 2.034   | 4.791 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.918  | 0        | 140182   | N.D.    | 5.811 #   |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.192f | 0        | 177292   | N.D.    | 5.436 #   |
| 8)                          | L2 AR-1221-1    | 4.644  | 3.874f | 4587128  | 1705232  | 147.987 | 142.495   |
| 9)                          | L2 AR-1221-2    | 4.742  | 3.874  | 683517   | 1705232  | 29.564  | 188.797 # |
| 10)                         | L2 AR-1221-3    | 4.742f | 0.000  | 683517   | 0        | 9.740   | N.D. #    |
| 11)                         | L3 AR-1232-1    | 4.742f | 0.000  | 683517   | 0        | 12.305  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.153  | 0.000  | 1242904  | 0        | 44.829  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 5.603  | 4.918f | 408115   | 140182   | 8.000   | 11.407 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.965  | 0        | 158284   | N.D.    | 13.429 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.192f | 0        | 177292   | N.D.    | 13.178 #  |
| 16)                         | L4 AR-1242-1    | 5.603  | 4.613f | 408115   | 150044   | 6.072   | 4.894     |
| 17)                         | L4 AR-1242-2    | 5.603  | 0.000  | 408115   | 0        | 4.229   | N.D. #    |
| 18)                         | L4 AR-1242-3    | 5.680  | 4.918f | 146950   | 140182   | 2.435   | 5.839 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.965  | 0        | 158284   | N.D.    | 6.278 #   |
| 21)                         | L5 AR-1248-1    | 5.603  | 4.613f | 408115   | 150044   | 7.910   | 6.390     |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.918  | 0        | 140182   | N.D.    | 3.906 #   |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.965  | 0        | 158284   | N.D.    | 4.157 #   |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.192f | 0        | 177292   | N.D.    | 3.861 #   |
| 28)                         | L6 AR-1254-3    | 7.061  | 0.000  | 250372   | 0        | 1.779   | N.D. #    |
| 30)                         | L6 AR-1254-5    | 7.798  | 0.000  | 264717   | 0        | 2.486   | N.D. #    |
| 32)                         | L7 AR-1260-2    | 7.441f | 0.000  | 476092   | 0        | 4.028   | N.D. #    |
| 33)                         | L7 AR-1260-3    | 7.839  | 6.504  | 204225   | 280352   | 2.325   | 3.902 #   |
| 34)                         | L7 AR-1260-4    | 8.071  | 0.000  | 155469   | 0        | 1.587   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.175f | 0        | 175839   | N.D.    | 1.247 #   |
| 36)                         | L8 AR-1262-1    | 7.839  | 0.000  | 204225   | 0        | 1.612   | N.D. #    |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.175  | 0        | 175839   | N.D.    | 1.148 #   |
| 38)                         | L8 AR-1262-3    | 8.661f | 0.000  | 283304   | 0        | 3.142   | N.D. #    |
| 39)                         | L8 AR-1262-4    | 8.822  | 0.000  | 297824   | 0        | 4.518   | N.D. #    |
| 40)                         | L8 AR-1262-5    | 9.502  | 0.000  | 540502   | 0        | 6.741   | N.D. #    |
| 41)                         | L9 AR-1268-1    | 8.661f | 0.000  | 283304   | 0        | 1.142   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 8.822  | 0.000  | 297824   | 0        | 1.309   | N.D. #    |
| 44)                         | L9 AR-1268-4    | 9.502  | 0.000  | 540502   | 0        | 6.207   | N.D. #    |
| 45)                         | L9 AR-1268-5    | 9.903  | 0.000  | 78441    | 0        | 0.125   | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

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

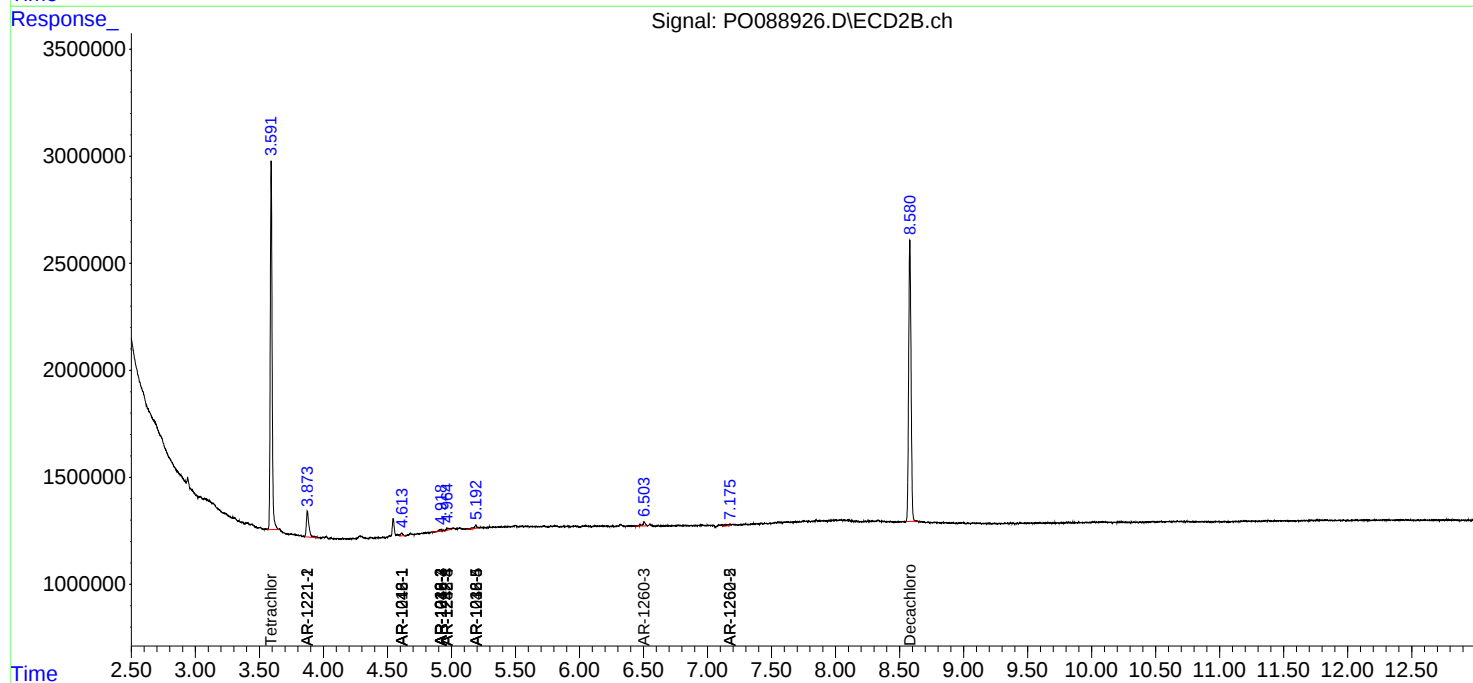
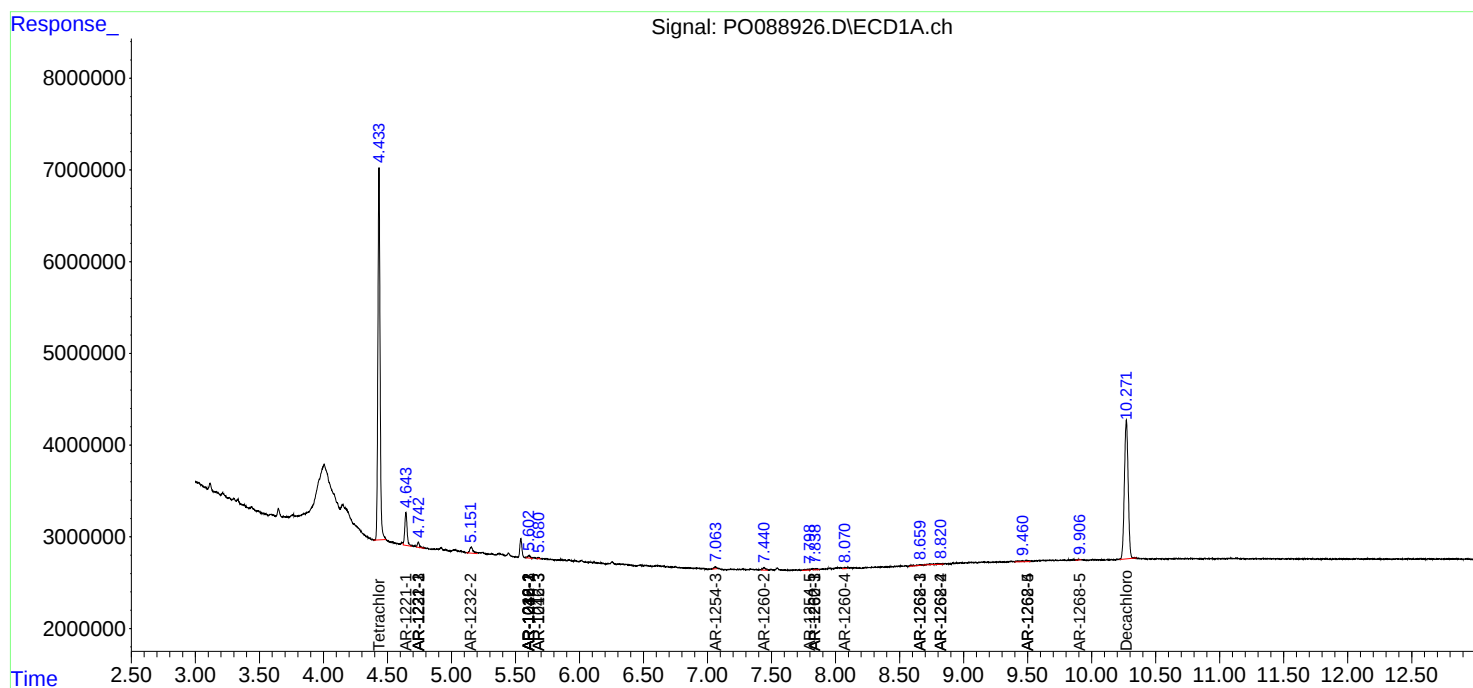
Instrument :  
ECD\_O  
ClientSampleId :

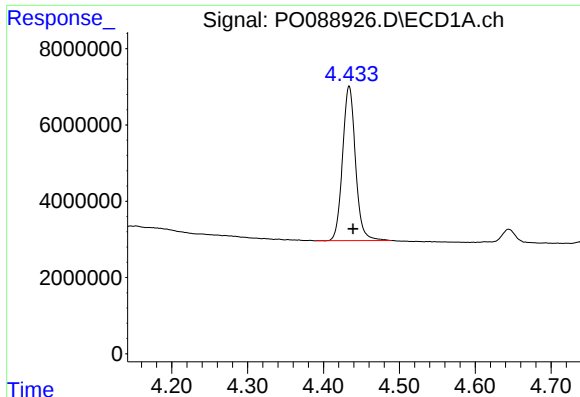
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO081222\  
Data File : PO088926.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Aug 2022 22:17  
Operator : YP/AJ  
Sample : N4154-03  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 13 00:51:15 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

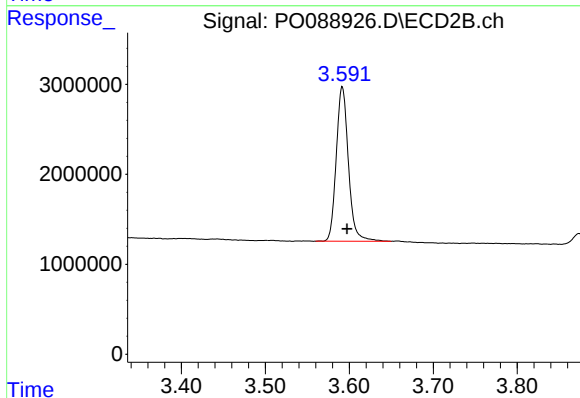




#1 Tetrachloro-m-xylene

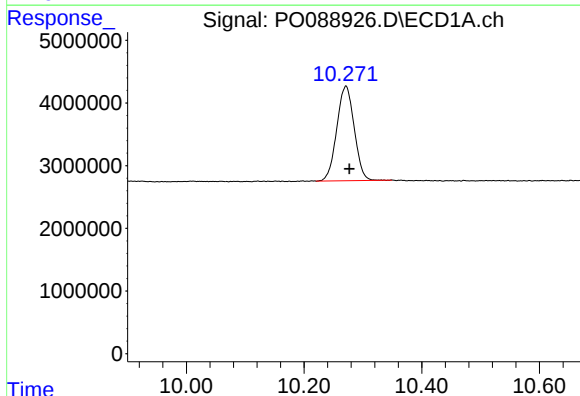
R.T.: 4.434 min  
Delta R.T.: -0.005 min  
Response: 48031235  
Conc: 17.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



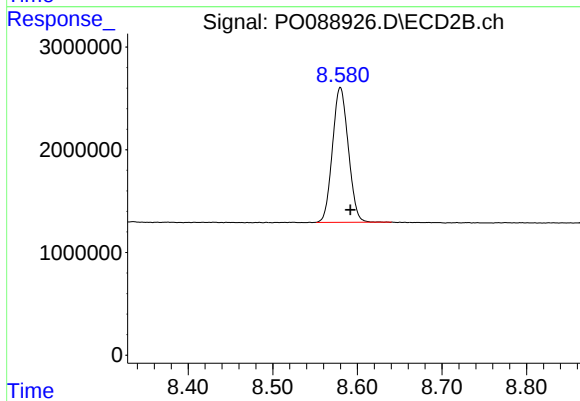
#1 Tetrachloro-m-xylene

R.T.: 3.592 min  
Delta R.T.: -0.006 min  
Response: 17314556  
Conc: 16.00 ng/ml



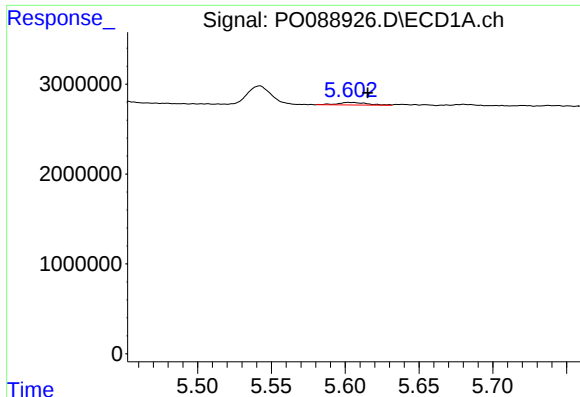
#2 Decachlorobiphenyl

R.T.: 10.271 min  
Delta R.T.: -0.006 min  
Response: 31035405  
Conc: 16.08 ng/ml



#2 Decachlorobiphenyl

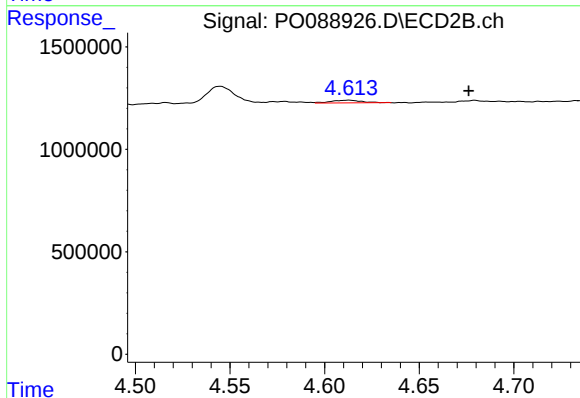
R.T.: 8.580 min  
Delta R.T.: -0.012 min  
Response: 17063254  
Conc: 14.08 ng/ml



#3 AR-1016-1

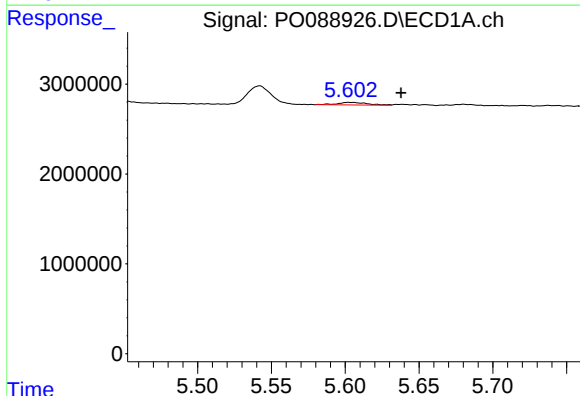
R.T.: 5.603 min  
Delta R.T.: -0.013 min  
Response: 408115  
Conc: 5.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



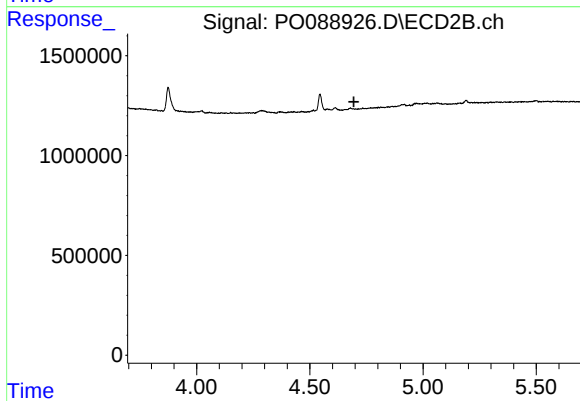
#3 AR-1016-1

R.T.: 4.613 min  
Delta R.T.: -0.063 min  
Response: 150044  
Conc: 4.03 ng/ml



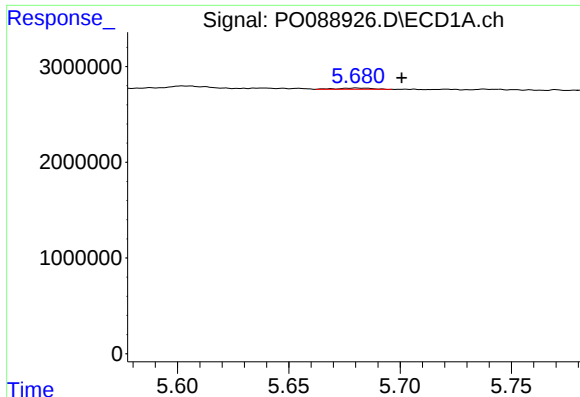
#4 AR-1016-2

R.T.: 5.603 min  
Delta R.T.: -0.035 min  
Response: 408115  
Conc: 3.54 ng/ml



#4 AR-1016-2

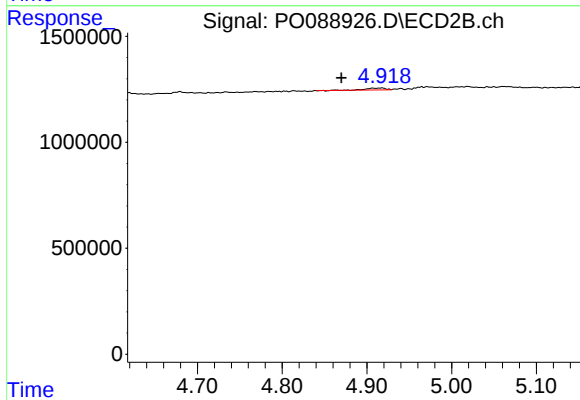
R.T.: 0.000 min  
Exp R.T.: 4.694 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

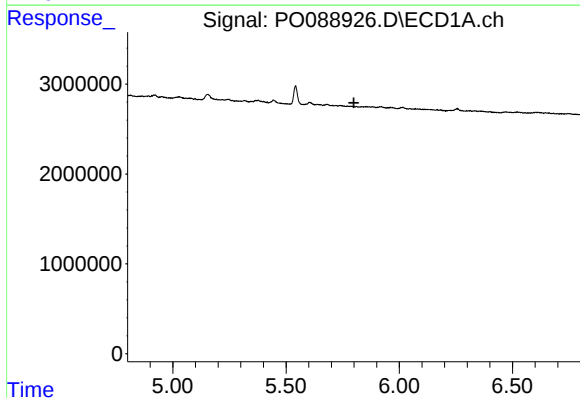
R.T.: 5.680 min  
Delta R.T.: -0.020 min  
Response: 146950  
Conc: 2.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



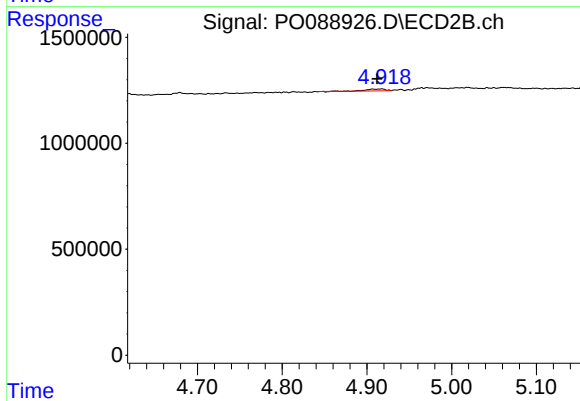
#5 AR-1016-3

R.T.: 4.918 min  
Delta R.T.: 0.048 min  
Response: 140182  
Conc: 4.79 ng/ml



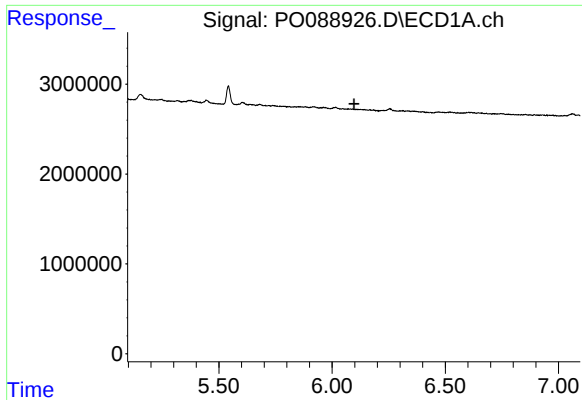
#6 AR-1016-4

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



#6 AR-1016-4

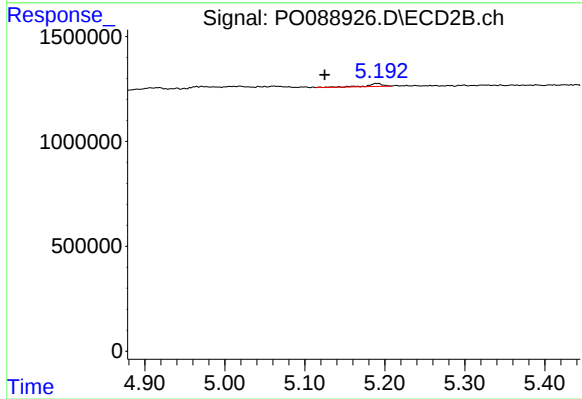
R.T.: 4.918 min  
Delta R.T.: 0.006 min  
Response: 140182  
Conc: 5.81 ng/ml



#7 AR-1016-5

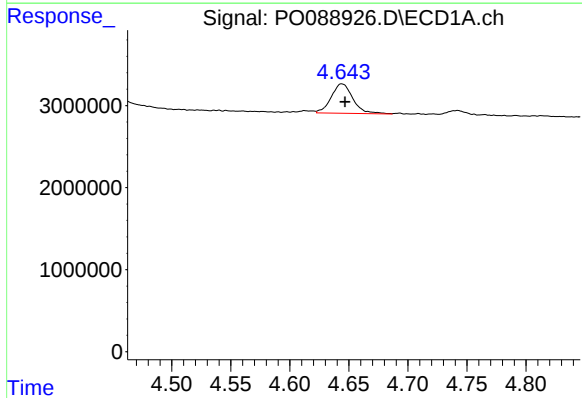
R.T.: 0.000 min  
Exp R.T.: 6.097 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



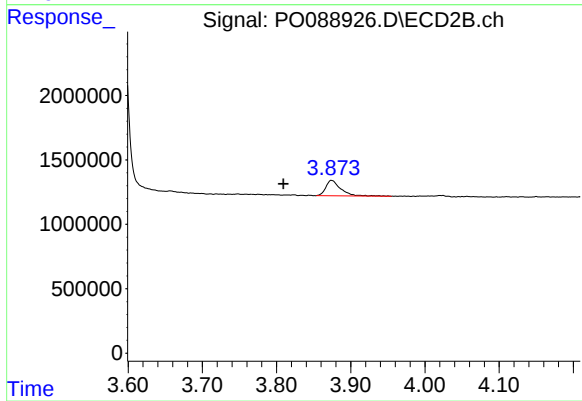
#7 AR-1016-5

R.T.: 5.192 min  
Delta R.T.: 0.067 min  
Response: 177292  
Conc: 5.44 ng/ml



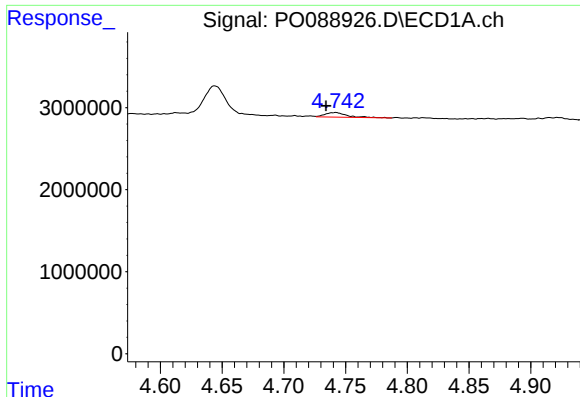
#8 AR-1221-1

R.T.: 4.644 min  
Delta R.T.: -0.003 min  
Response: 4587128  
Conc: 147.99 ng/ml



#8 AR-1221-1

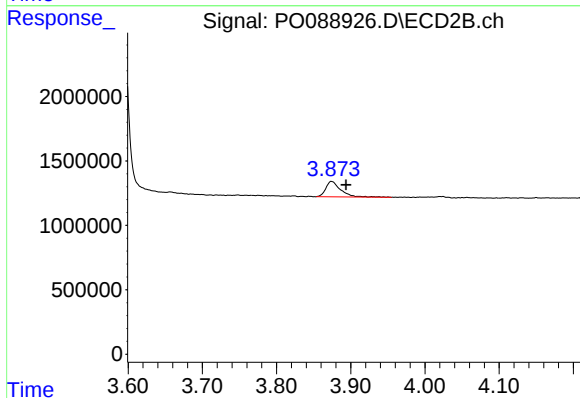
R.T.: 3.874 min  
Delta R.T.: 0.065 min  
Response: 1705232  
Conc: 142.50 ng/ml



#9 AR-1221-2

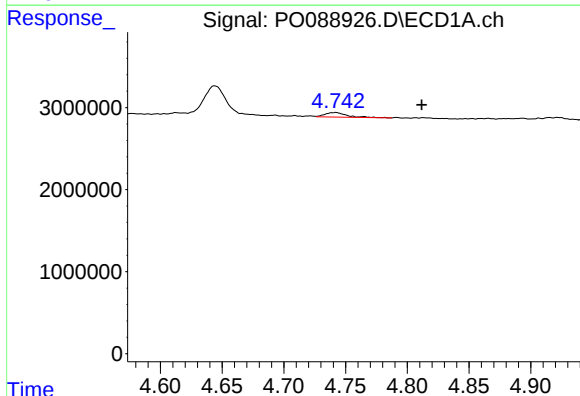
R.T.: 4.742 min  
Delta R.T.: 0.008 min  
Response: 683517  
Conc: 29.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



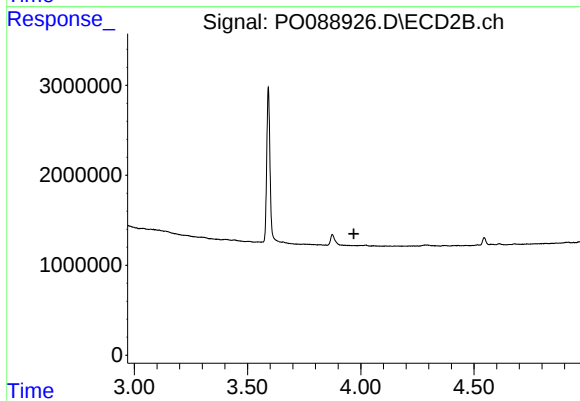
#9 AR-1221-2

R.T.: 3.874 min  
Delta R.T.: -0.020 min  
Response: 1705232  
Conc: 188.80 ng/ml



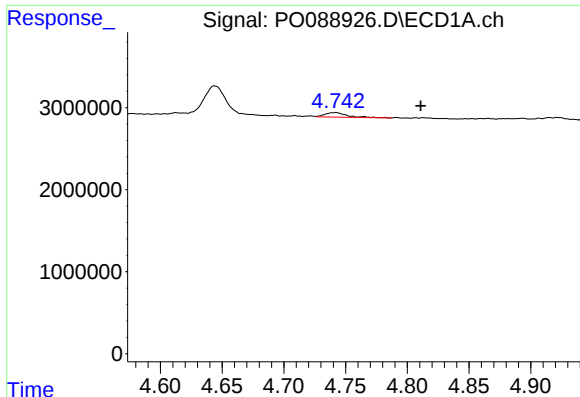
#10 AR-1221-3

R.T.: 4.742 min  
Delta R.T.: -0.070 min  
Response: 683517  
Conc: 9.74 ng/ml



#10 AR-1221-3

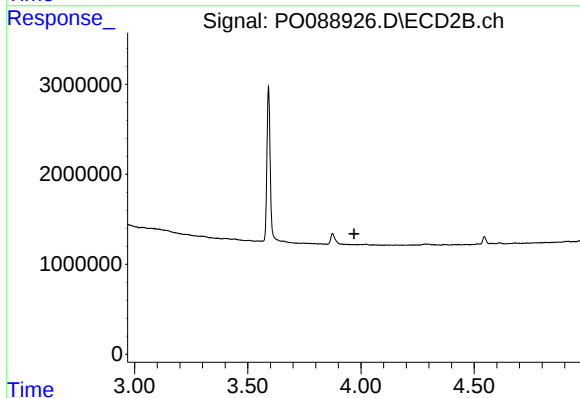
R.T.: 0.000 min  
Exp R.T. : 3.969 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

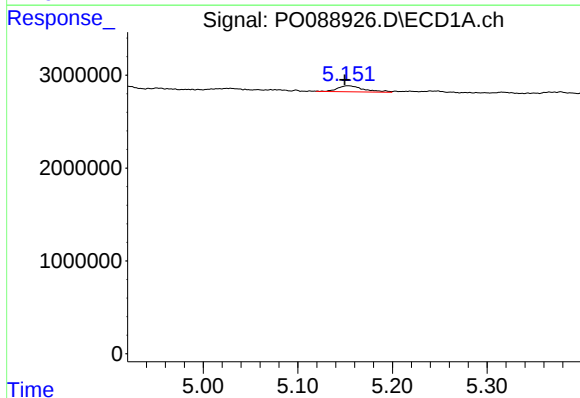
R.T.: 4.742 min  
Delta R.T.: -0.069 min  
Response: 683517  
Conc: 12.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



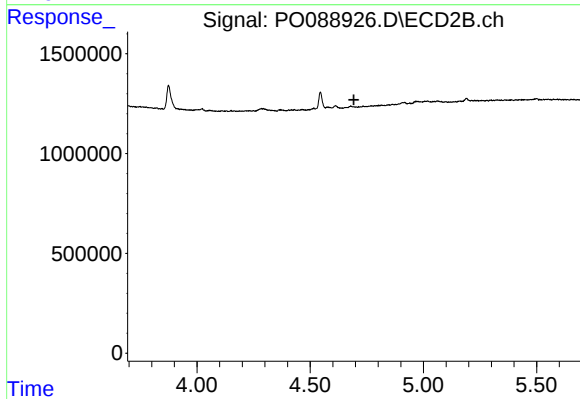
#11 AR-1232-1

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



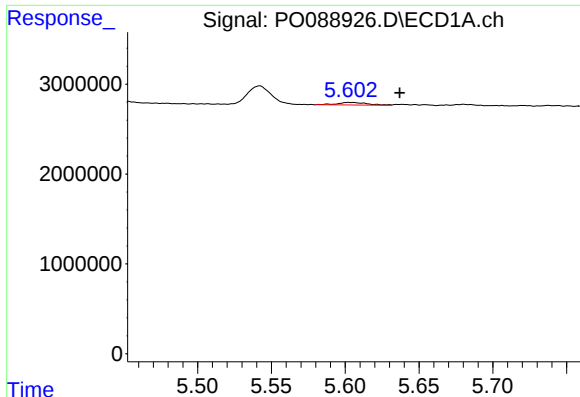
#12 AR-1232-2

R.T.: 5.153 min  
Delta R.T.: 0.004 min  
Response: 1242904  
Conc: 44.83 ng/ml



#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 4.693 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

R.T.: 5.603 min  
Delta R.T.: -0.034 min  
Response: 408115  
Conc: 8.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :

#13 AR-1232-3

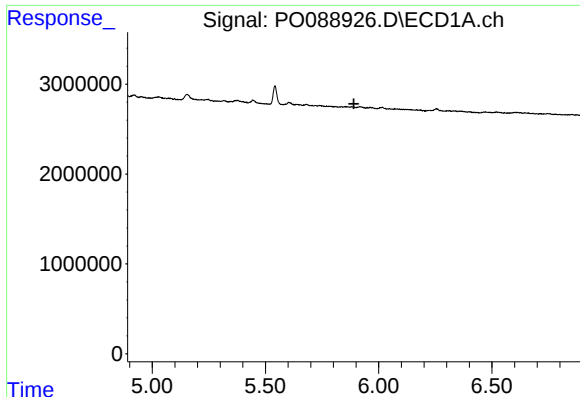
R.T.: 4.918 min  
Delta R.T.: 0.049 min  
Response: 140182  
Conc: 11.41 ng/ml

#14 AR-1232-4

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

#14 AR-1232-4

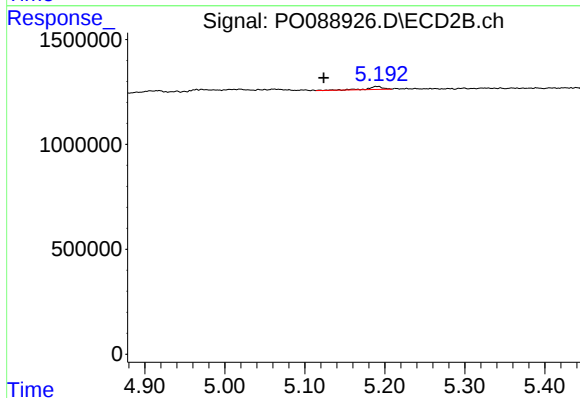
R.T.: 4.965 min  
Delta R.T.: 0.012 min  
Response: 158284  
Conc: 13.43 ng/ml



#15 AR-1232-5

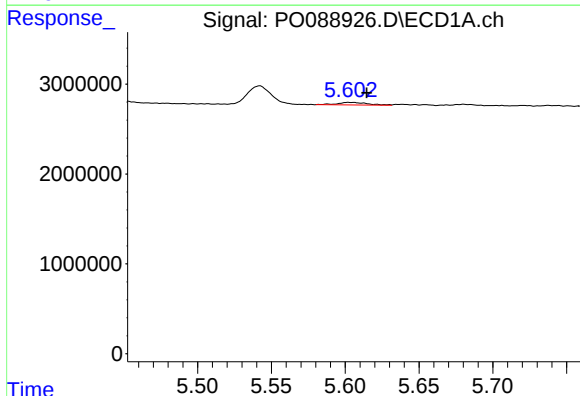
R.T.: 0.000 min  
Exp R.T.: 5.890 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



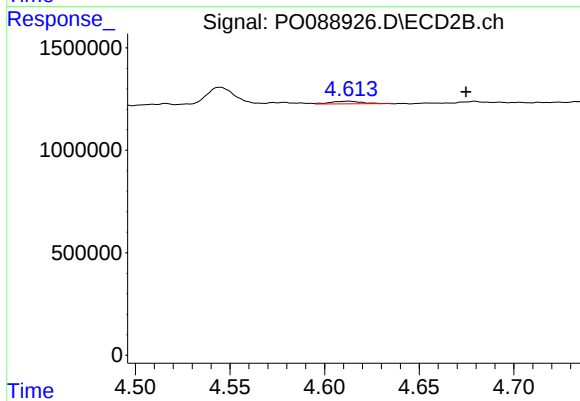
#15 AR-1232-5

R.T.: 5.192 min  
Delta R.T.: 0.068 min  
Response: 177292  
Conc: 13.18 ng/ml



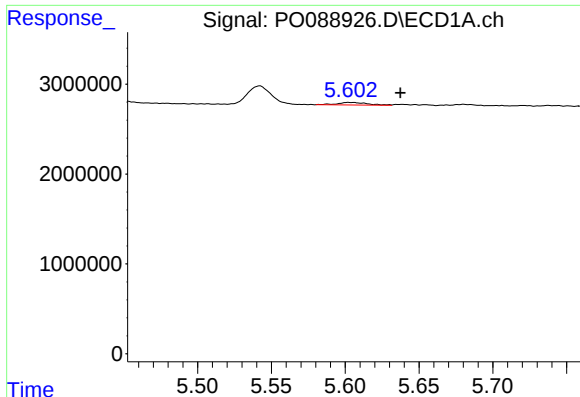
#16 AR-1242-1

R.T.: 5.603 min  
Delta R.T.: -0.012 min  
Response: 408115  
Conc: 6.07 ng/ml



#16 AR-1242-1

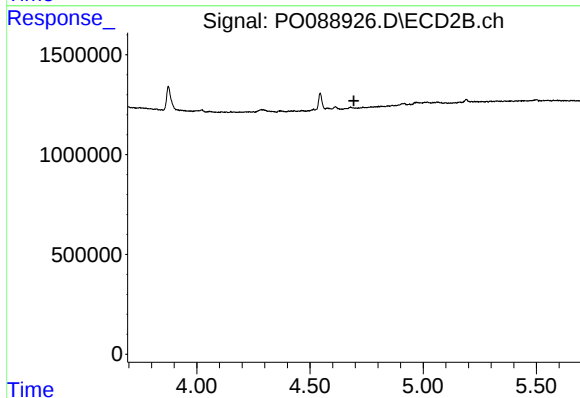
R.T.: 4.613 min  
Delta R.T.: -0.062 min  
Response: 150044  
Conc: 4.89 ng/ml



#17 AR-1242-2

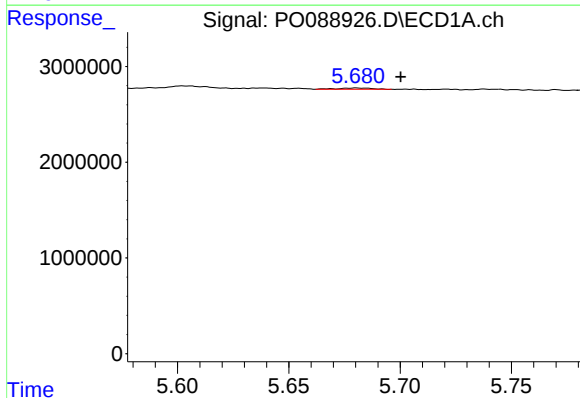
R.T.: 5.603 min  
Delta R.T.: -0.035 min  
Response: 408115  
Conc: 4.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



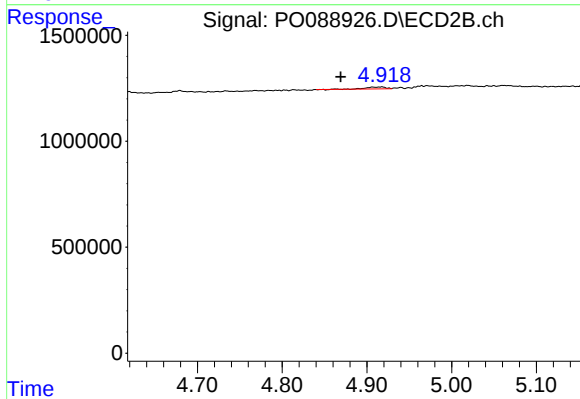
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.693 min  
Response: 0  
Conc: N.D.



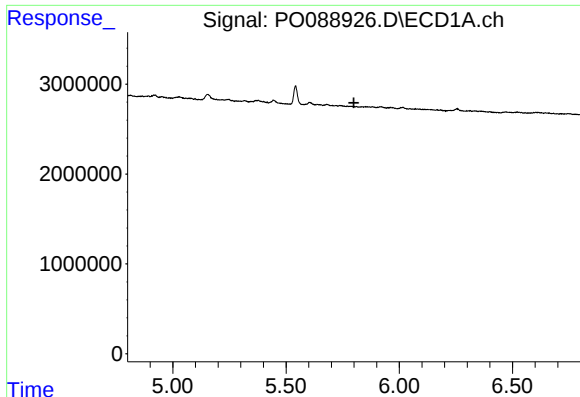
#18 AR-1242-3

R.T.: 5.680 min  
Delta R.T.: -0.020 min  
Response: 146950  
Conc: 2.43 ng/ml



#18 AR-1242-3

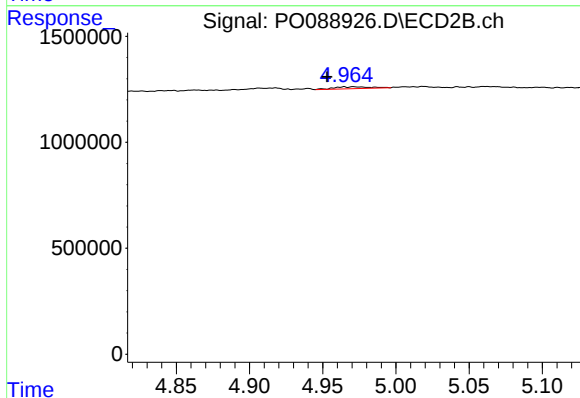
R.T.: 4.918 min  
Delta R.T.: 0.049 min  
Response: 140182  
Conc: 5.84 ng/ml



#19 AR-1242-4

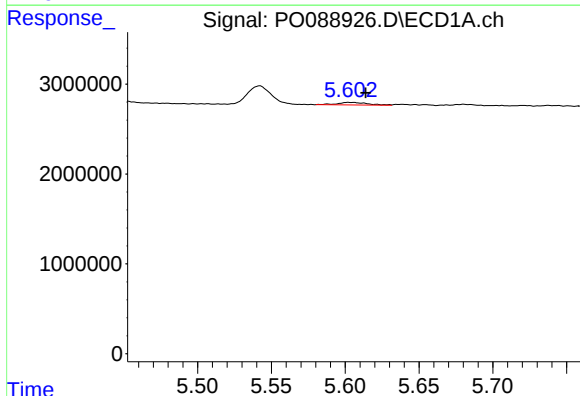
R.T.: 0.000 min  
Exp R.T.: 5.799 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



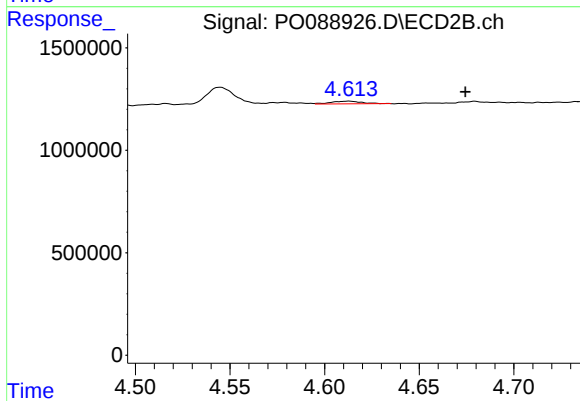
#19 AR-1242-4

R.T.: 4.965 min  
Delta R.T.: 0.012 min  
Response: 158284  
Conc: 6.28 ng/ml



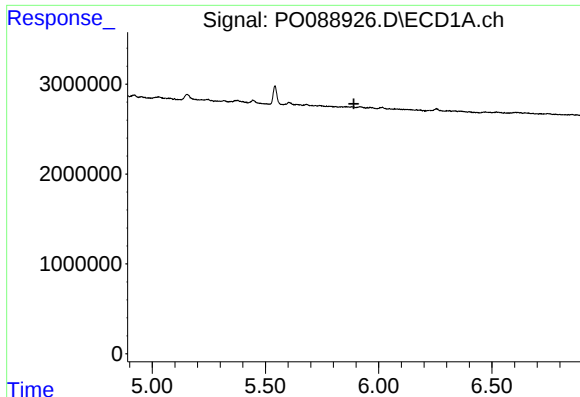
#21 AR-1248-1

R.T.: 5.603 min  
Delta R.T.: -0.011 min  
Response: 408115  
Conc: 7.91 ng/ml



#21 AR-1248-1

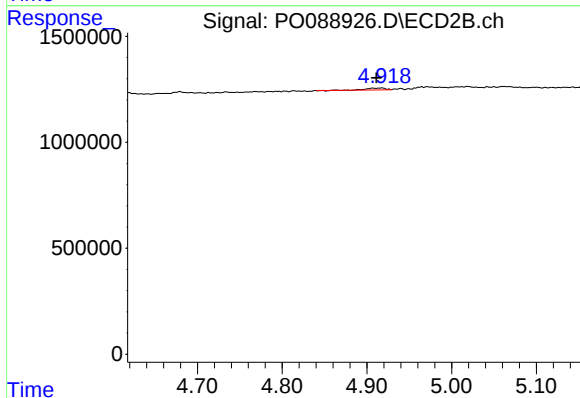
R.T.: 4.613 min  
Delta R.T.: -0.062 min  
Response: 150044  
Conc: 6.39 ng/ml



#22 AR-1248-2

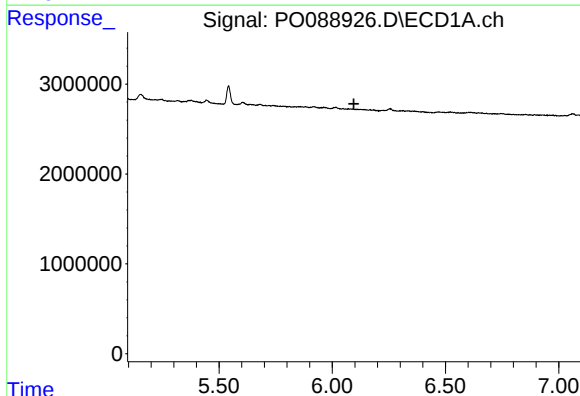
R.T.: 0.000 min  
Exp R.T.: 5.890 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



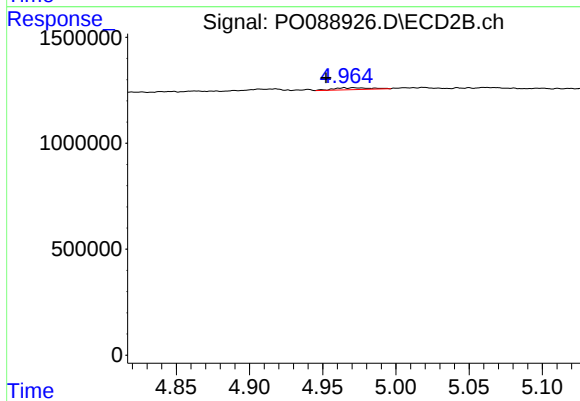
#22 AR-1248-2

R.T.: 4.918 min  
Delta R.T.: 0.007 min  
Response: 140182  
Conc: 3.91 ng/ml



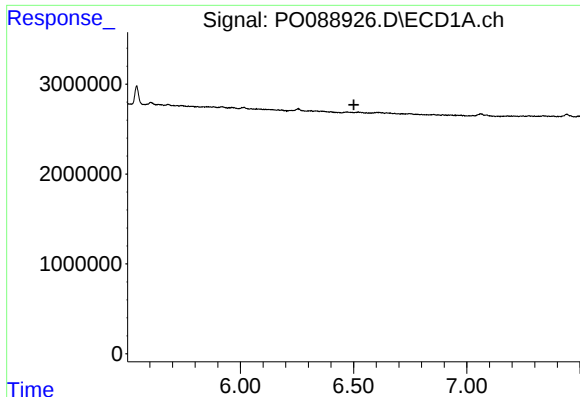
#23 AR-1248-3

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



#23 AR-1248-3

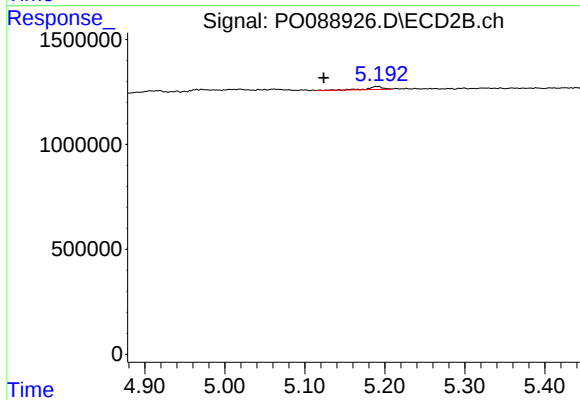
R.T.: 4.965 min  
Delta R.T.: 0.012 min  
Response: 158284  
Conc: 4.16 ng/ml



#24 AR-1248-4

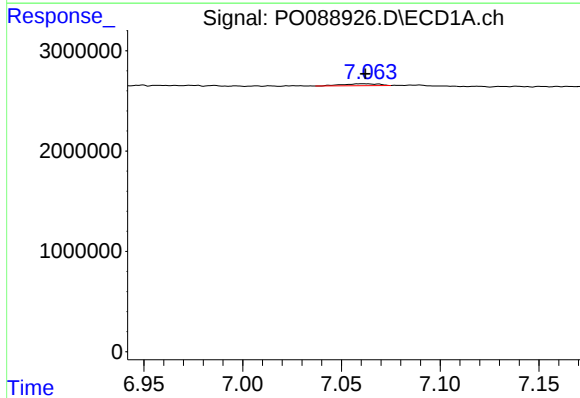
R.T.: 0.000 min  
Exp R.T.: 6.502 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



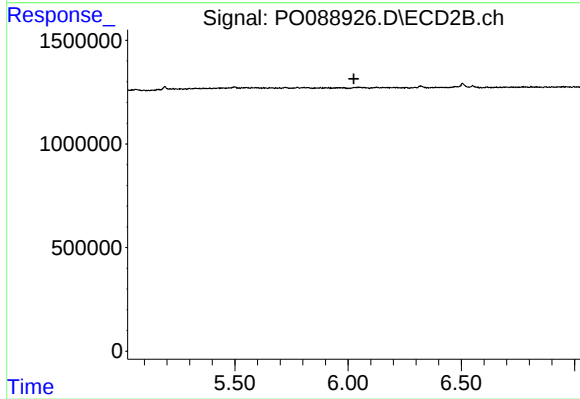
#24 AR-1248-4

R.T.: 5.192 min  
Delta R.T.: 0.068 min  
Response: 177292  
Conc: 3.86 ng/ml



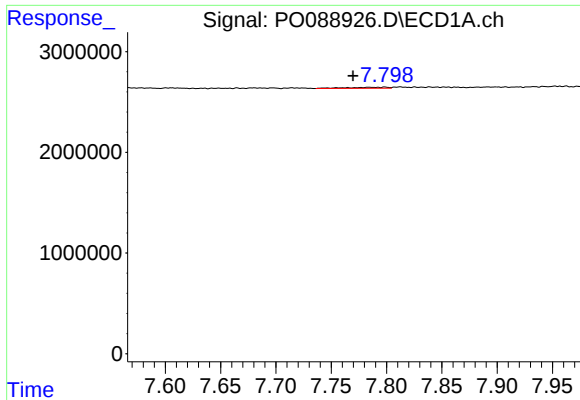
#28 AR-1254-3

R.T.: 7.061 min  
Delta R.T.: 0.000 min  
Response: 250372  
Conc: 1.78 ng/ml



#28 AR-1254-3

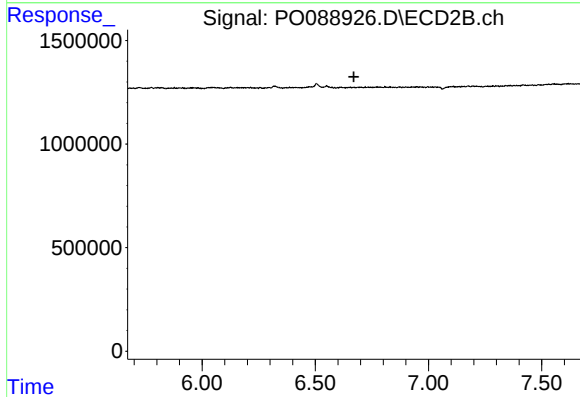
R.T.: 0.000 min  
Exp R.T.: 6.025 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

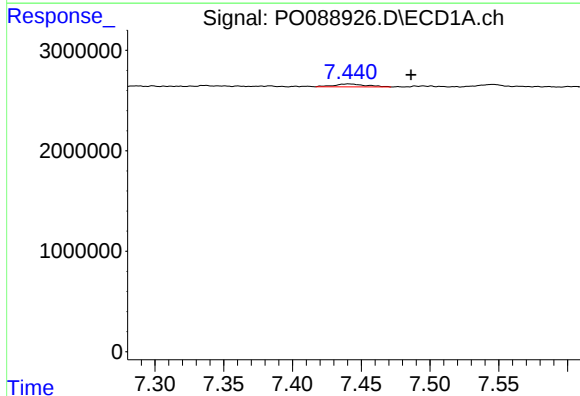
R.T.: 7.798 min  
Delta R.T.: 0.029 min  
Response: 264717  
Conc: 2.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



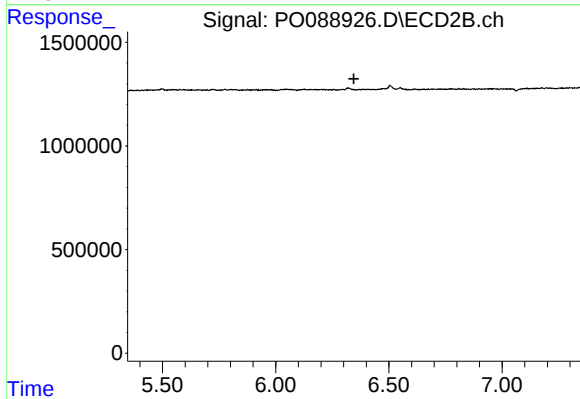
#30 AR-1254-5

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



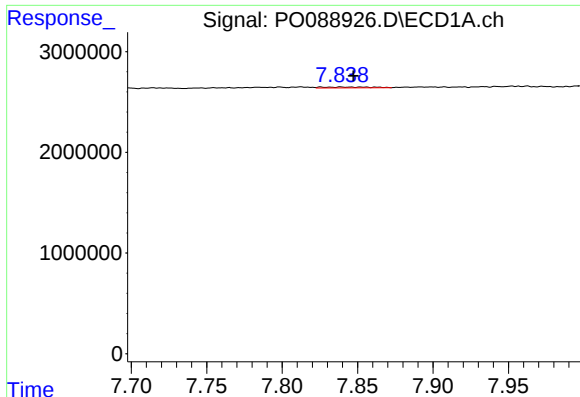
#32 AR-1260-2

R.T.: 7.441 min  
Delta R.T.: -0.045 min  
Response: 476092  
Conc: 4.03 ng/ml



#32 AR-1260-2

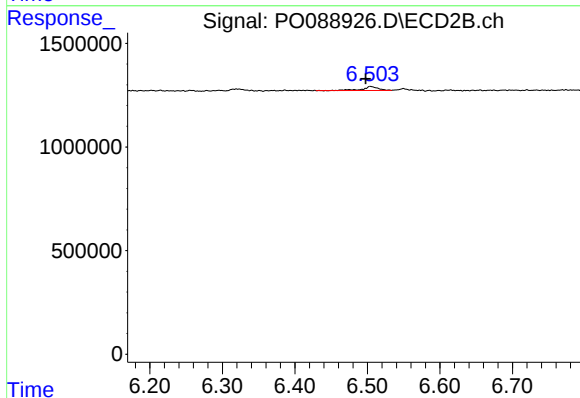
R.T.: 0.000 min  
Exp R.T. : 6.345 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

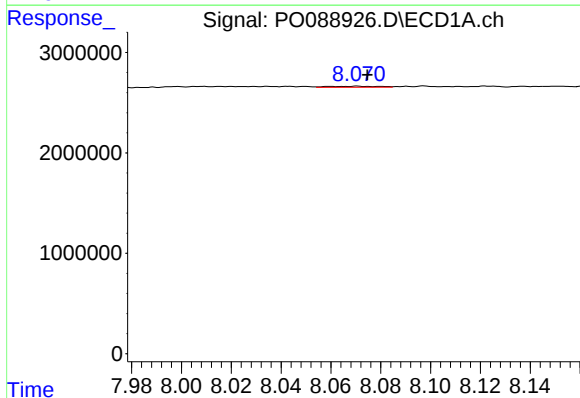
R.T.: 7.839 min  
Delta R.T.: -0.008 min  
Response: 204225  
Conc: 2.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



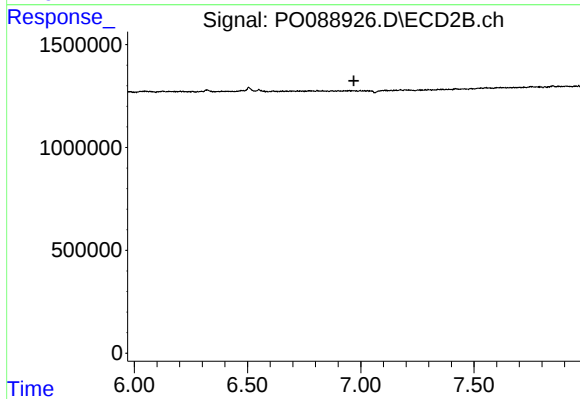
#33 AR-1260-3

R.T.: 6.504 min  
Delta R.T.: 0.006 min  
Response: 280352  
Conc: 3.90 ng/ml



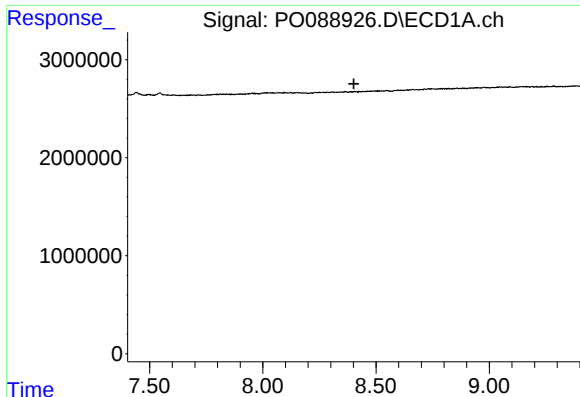
#34 AR-1260-4

R.T.: 8.071 min  
Delta R.T.: -0.004 min  
Response: 155469  
Conc: 1.59 ng/ml



#34 AR-1260-4

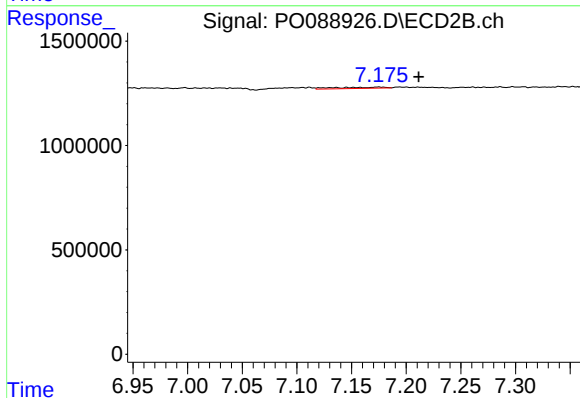
R.T.: 0.000 min  
Exp R.T. : 6.970 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

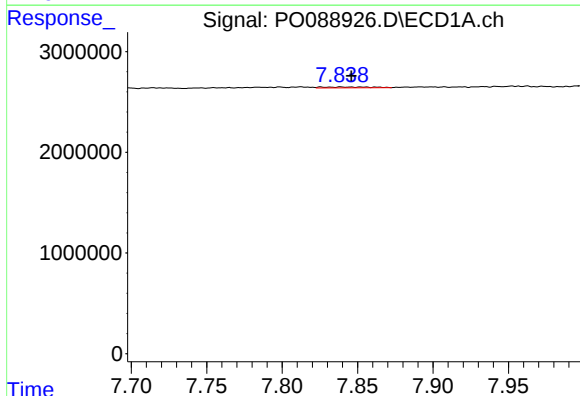
R.T.: 0.000 min  
Exp R.T.: 8.402 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



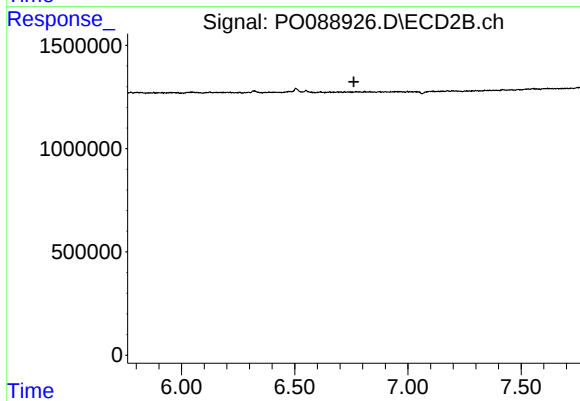
#35 AR-1260-5

R.T.: 7.175 min  
Delta R.T.: -0.037 min  
Response: 175839  
Conc: 1.25 ng/ml



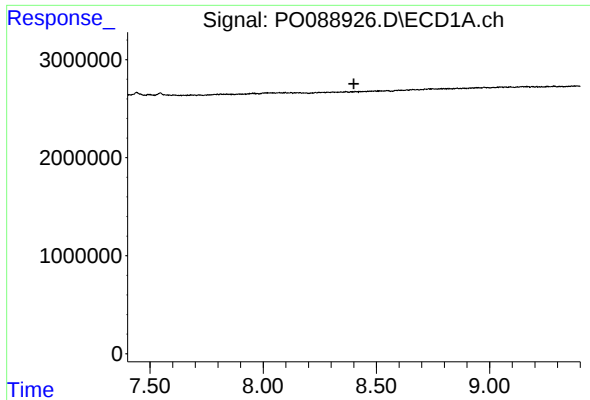
#36 AR-1262-1

R.T.: 7.839 min  
Delta R.T.: -0.007 min  
Response: 204225  
Conc: 1.61 ng/ml



#36 AR-1262-1

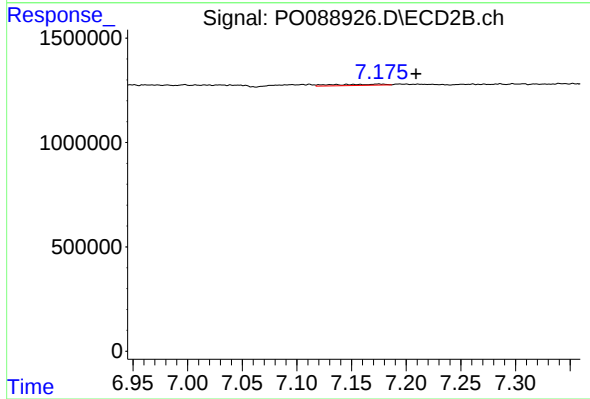
R.T.: 0.000 min  
Exp R.T.: 6.761 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

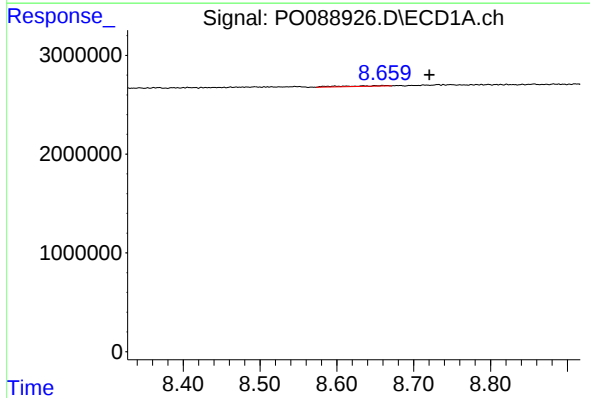
R.T.: 0.000 min  
Exp R.T.: 8.401 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



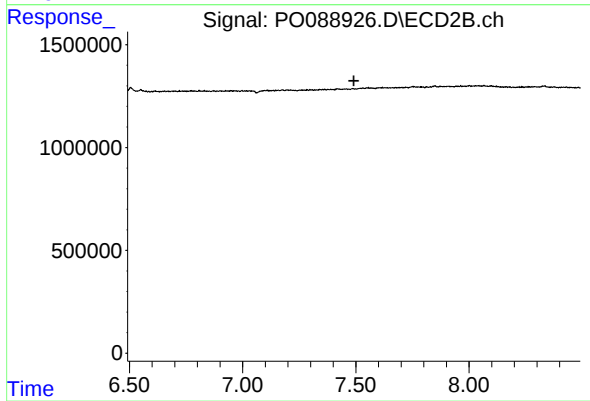
#37 AR-1262-2

R.T.: 7.175 min  
Delta R.T.: -0.034 min  
Response: 175839  
Conc: 1.15 ng/ml



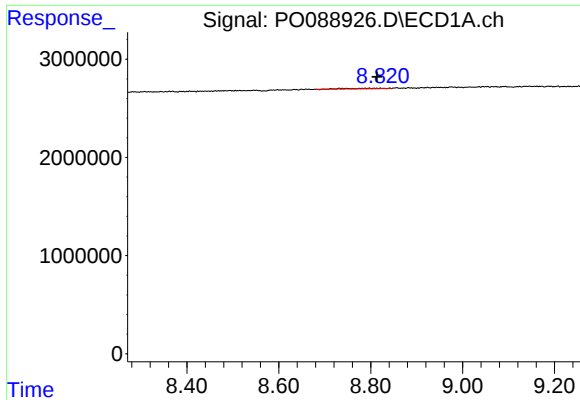
#38 AR-1262-3

R.T.: 8.661 min  
Delta R.T.: -0.059 min  
Response: 283304  
Conc: 3.14 ng/ml



#38 AR-1262-3

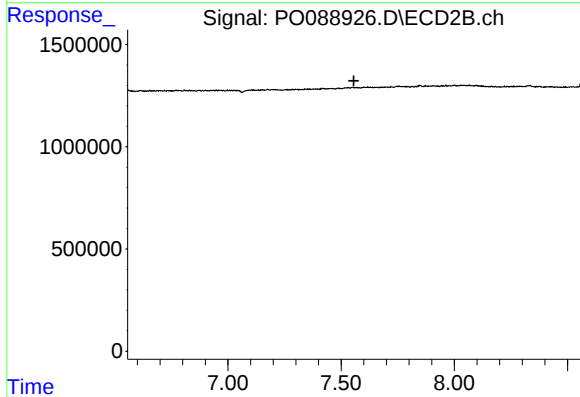
R.T.: 0.000 min  
Exp R.T.: 7.492 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

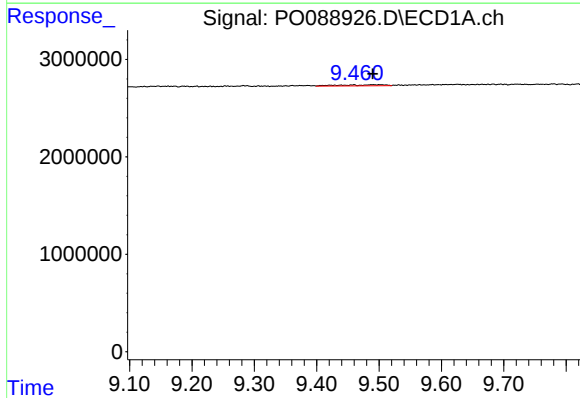
R.T.: 8.822 min  
Delta R.T.: 0.007 min  
Response: 297824  
Conc: 4.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



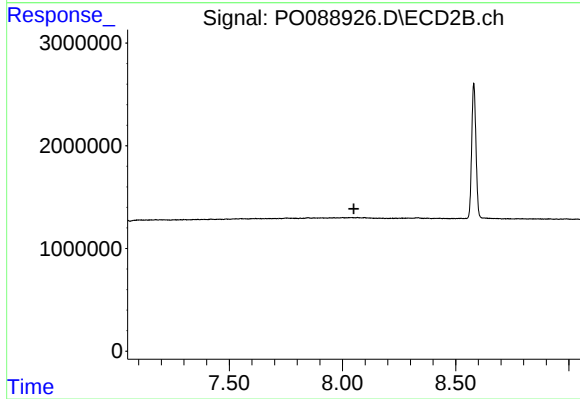
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.556 min  
Response: 0  
Conc: N.D.



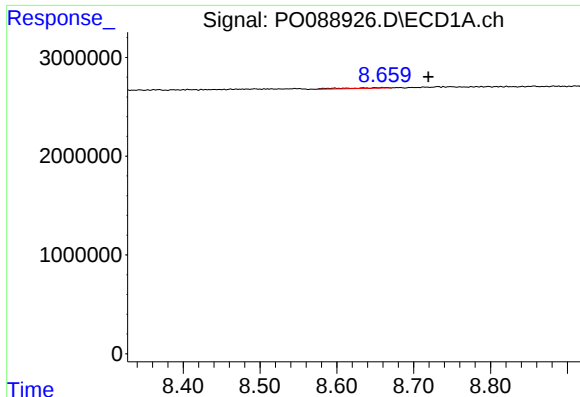
#40 AR-1262-5

R.T.: 9.502 min  
Delta R.T.: 0.012 min  
Response: 540502  
Conc: 6.74 ng/ml



#40 AR-1262-5

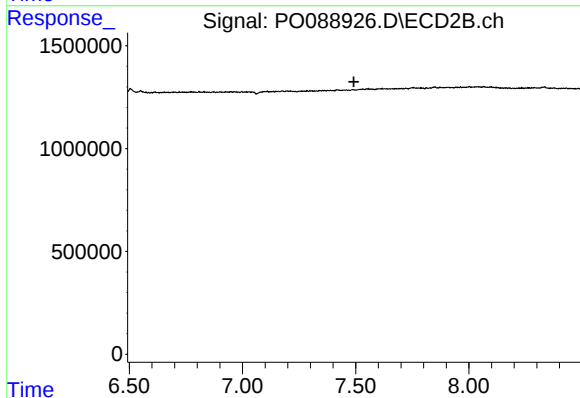
R.T.: 0.000 min  
Exp R.T. : 8.051 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

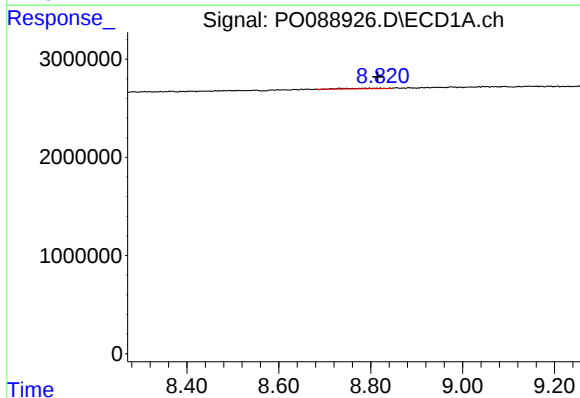
R.T.: 8.661 min  
Delta R.T.: -0.058 min  
Response: 283304  
Conc: 1.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



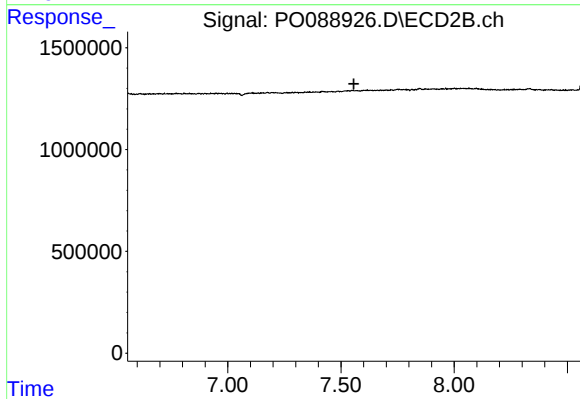
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 7.492 min  
Response: 0  
Conc: N.D.



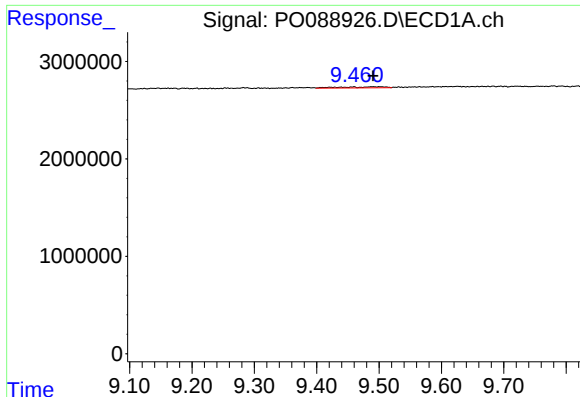
#42 AR-1268-2

R.T.: 8.822 min  
Delta R.T.: 0.006 min  
Response: 297824  
Conc: 1.31 ng/ml



#42 AR-1268-2

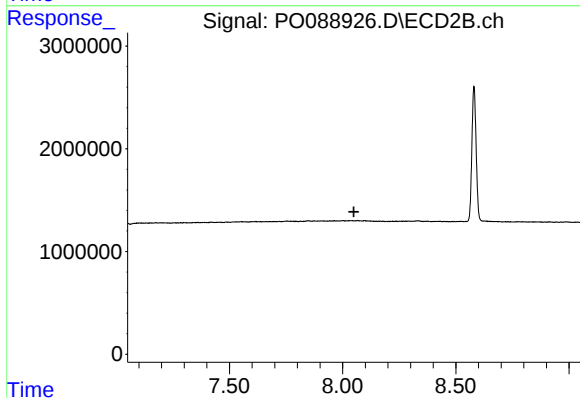
R.T.: 0.000 min  
Exp R.T. : 7.557 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

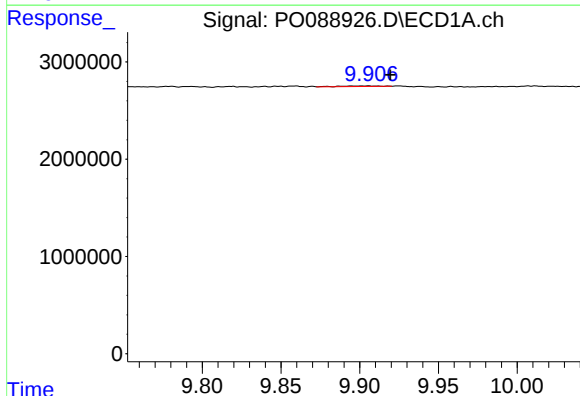
R.T.: 9.502 min  
Delta R.T.: 0.012 min  
Response: 540502  
Conc: 6.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



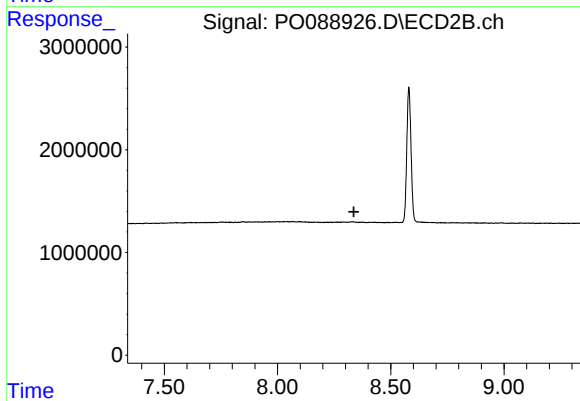
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 8.050 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.903 min  
Delta R.T.: -0.016 min  
Response: 78441  
Conc: 0.13 ng/ml



#45 AR-1268-5

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