

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0081022\  
 Data File : P0088833.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2022 14:30  
 Operator : YP/AJ  
 Sample : N4106-13 10X  
 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 10 21:52:07 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... | 4.436  | 3.594  | 4649115 | 1741847 | 1.724   | 1.609    |
| 2)                          | SA Decachlor... | 10.281 | 8.592  | 3594824 | 1883342 | 1.863   | 1.554    |
| Target Compounds            |                 |        |        |         |         |         |          |
| 3)                          | L1 AR-1016-1    | 5.546f | 0.000  | 1669475 | 0       | 20.709  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.908f | 0       | 294853  | N.D.    | 10.078 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.908  | 0       | 294853  | N.D.    | 12.223 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.120  | 0       | 561429  | N.D.    | 17.214 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.908f | 0       | 294853  | N.D.    | 23.993 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.975  | 0       | 169584  | N.D.    | 14.388 # |
| 15)                         | L3 AR-1232-5    | 5.890  | 5.120  | 430592  | 561429  | 20.922  | 41.729 # |
| 16)                         | L4 AR-1242-1    | 5.546f | 0.000  | 1669475 | 0       | 24.840  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.908f | 0       | 294853  | N.D.    | 12.282 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.975  | 0       | 169584  | N.D.    | 6.726 #  |
| 20)                         | L4 AR-1242-5    | 6.542  | 5.472  | 1284108 | 559608  | 24.743  | 17.576 # |
| 21)                         | L5 AR-1248-1    | 5.546f | 0.000  | 1669475 | 0       | 32.359  | N.D. #   |
| 22)                         | L5 AR-1248-2    | 5.890  | 4.908  | 430592  | 294853  | 5.609   | 8.216 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.975  | 0       | 169584  | N.D.    | 4.454 #  |
| 24)                         | L5 AR-1248-4    | 6.475  | 5.120  | 9012743 | 561429  | 100.356 | 12.226 # |
| 25)                         | L5 AR-1248-5    | 6.542  | 5.496  | 1284108 | 4023248 | 14.487  | 92.148 # |
| 26)                         | L6 AR-1254-1    | 6.475  | 5.472  | 9012743 | 559608  | 98.665  | 8.125 #  |
| 27)                         | L6 AR-1254-2    | 6.694  | 5.620  | 2425959 | 591354  | 17.740  | 9.986 #  |
| 28)                         | L6 AR-1254-3    | 7.066  | 6.022  | 4318037 | 836506  | 30.684  | 8.996 #  |
| 29)                         | L6 AR-1254-4    | 7.348  | 6.251  | 1331686 | 409664  | 13.179  | 7.231 #  |
| 30)                         | L6 AR-1254-5    | 7.770  | 6.668  | 1179981 | 474088  | 11.081  | 5.808 #  |
| 31)                         | L7 AR-1260-1    | 7.229  | 6.152  | 559031  | 403888  | 5.409   | 6.355    |
| 32)                         | L7 AR-1260-2    | 7.485  | 6.325  | 1046407 | 1942061 | 8.853   | 25.344 # |
| 33)                         | L7 AR-1260-3    | 7.847  | 6.492  | 232823  | 434644  | 2.650   | 6.050 #  |
| 34)                         | L7 AR-1260-4    | 8.063  | 0.000  | 638908  | 0       | 6.523   | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.405  | 7.210  | 251349  | 99566   | 1.365   | 0.706 #  |
| 36)                         | L8 AR-1262-1    | 7.847  | 0.000  | 232823  | 0       | 1.837   | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.405  | 7.210  | 251349  | 99566   | 1.197   | 0.650 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.506  | 0       | 1846279 | N.D.    | 29.934 # |
| 39)                         | L8 AR-1262-4    | 8.835  | 7.506f | 138258  | 1846279 | 2.097   | 16.212 # |
| 40)                         | L8 AR-1262-5    | 9.476  | 8.058  | 104158  | 248158  | 1.299   | 4.622 #  |
| 41)                         | L9 AR-1268-1    | 8.650f | 7.506  | 284887  | 1846279 | 1.149   | 10.427 # |
| 42)                         | L9 AR-1268-2    | 8.835  | 7.506f | 138258  | 1846279 | 0.608   | 11.500 # |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.806f | 0       | 258521  | N.D.    | 1.874 #  |
| 44)                         | L9 AR-1268-4    | 9.476  | 8.058  | 104158  | 248158  | 1.196   | 4.288 #  |
| 45)                         | L9 AR-1268-5    | 9.891  | 8.337  | 369318  | 193869  | 0.590   | 0.475    |
| -----                       |                 |        |        |         |         |         |          |

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

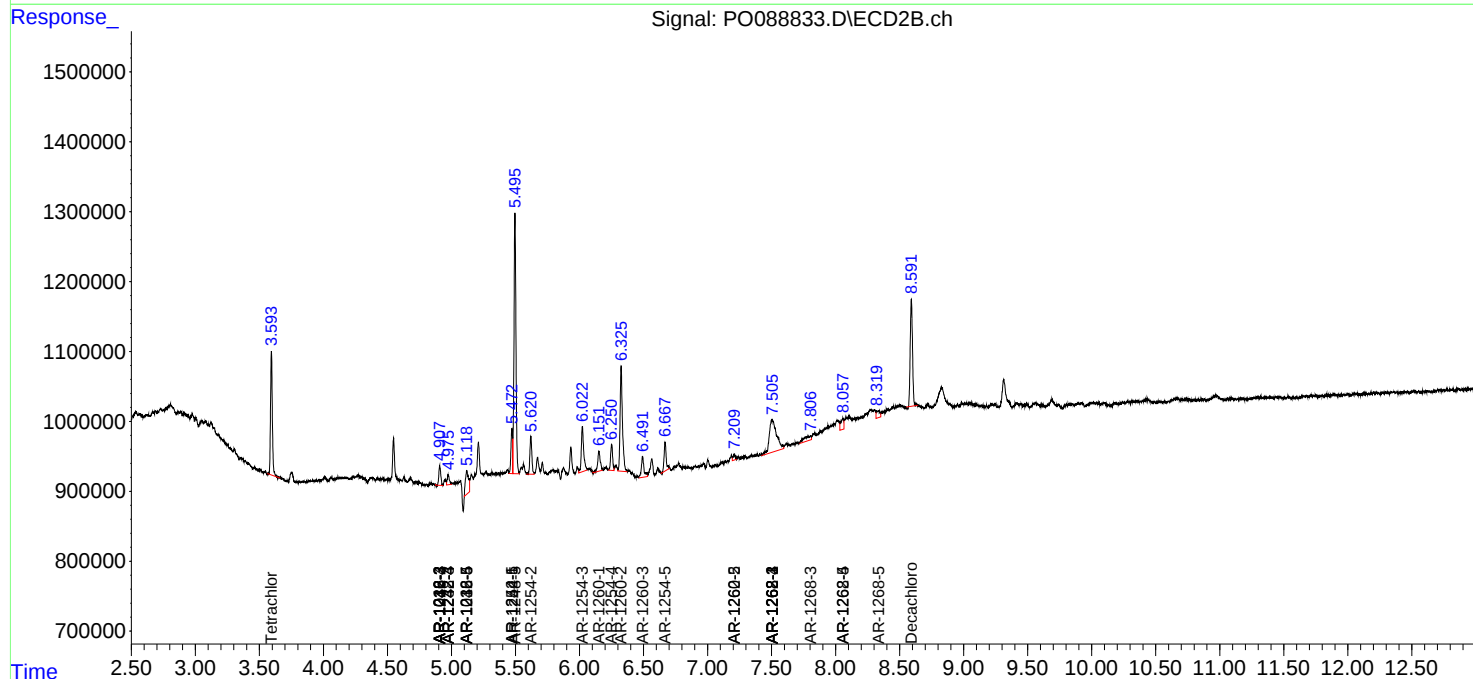
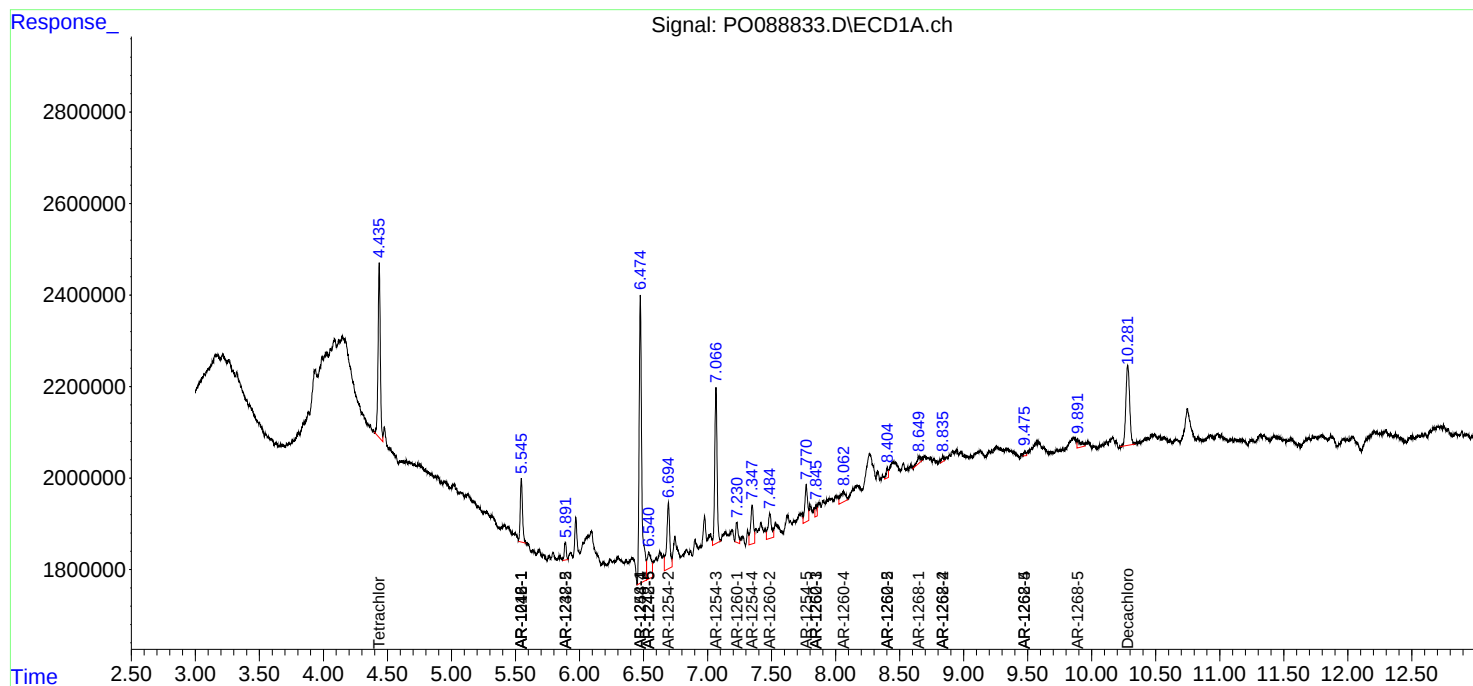
Instrument :  
ECD\_O  
ClientSampleId :

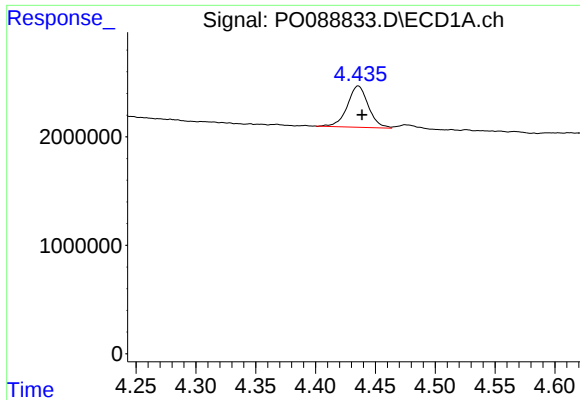
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO081022\  
Data File : PO088833.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Aug 2022 14:30  
Operator : YP/AJ  
Sample : N4106-13 10X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 21:52:07 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

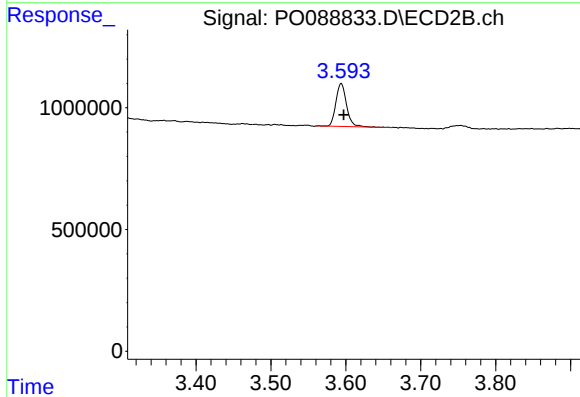




#1 Tetrachloro-m-xylene

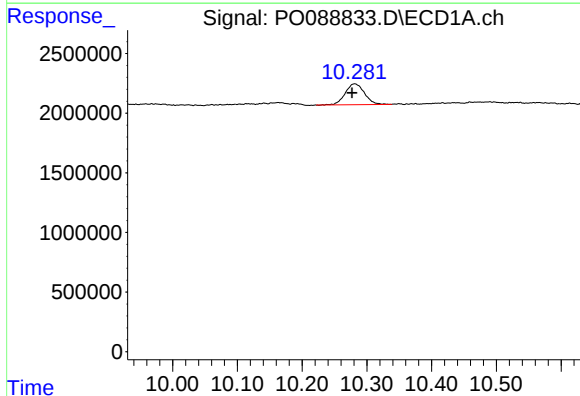
R.T.: 4.436 min  
Delta R.T.: -0.003 min  
Response: 4649115  
Conc: 1.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



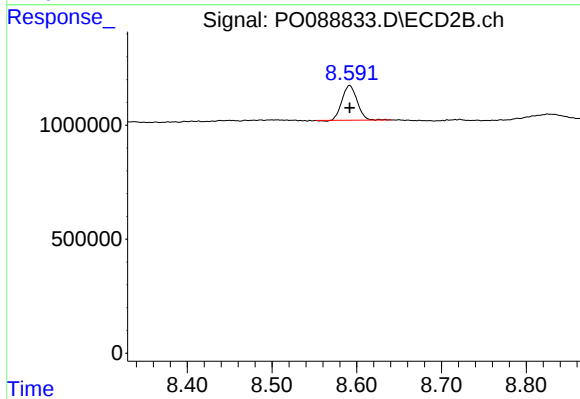
#1 Tetrachloro-m-xylene

R.T.: 3.594 min  
Delta R.T.: -0.003 min  
Response: 1741847  
Conc: 1.61 ng/ml



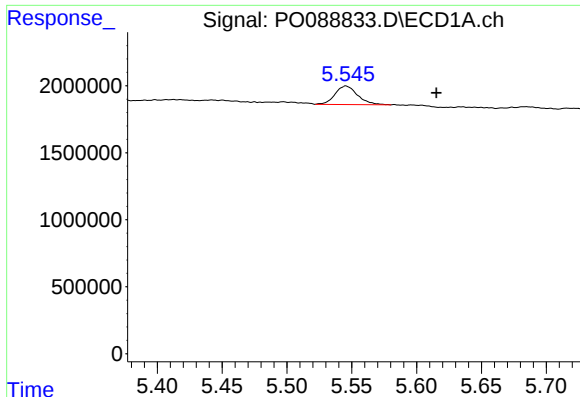
#2 Decachlorobiphenyl

R.T.: 10.281 min  
Delta R.T.: 0.004 min  
Response: 3594824  
Conc: 1.86 ng/ml



#2 Decachlorobiphenyl

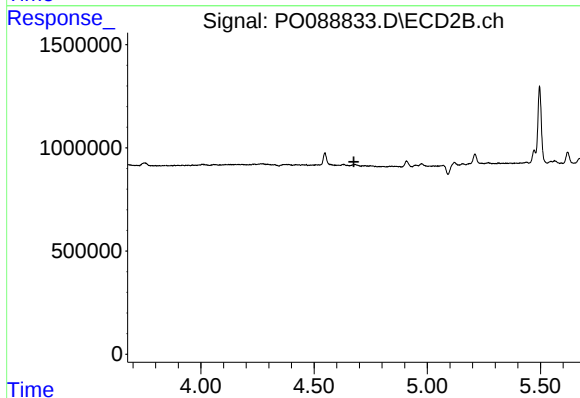
R.T.: 8.592 min  
Delta R.T.: 0.000 min  
Response: 1883342  
Conc: 1.55 ng/ml



#3 AR-1016-1

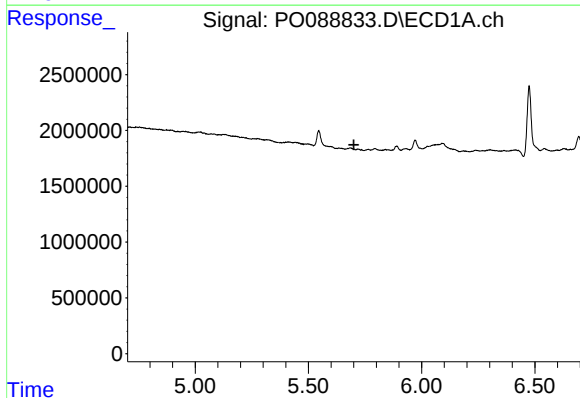
R.T.: 5.546 min  
Delta R.T.: -0.070 min  
Response: 1669475  
Conc: 20.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



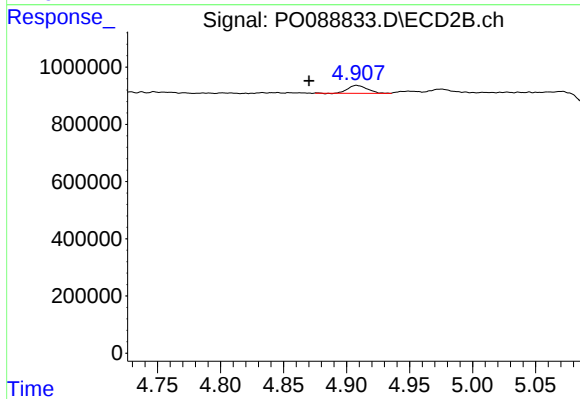
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.676 min  
Response: 0  
Conc: N.D.



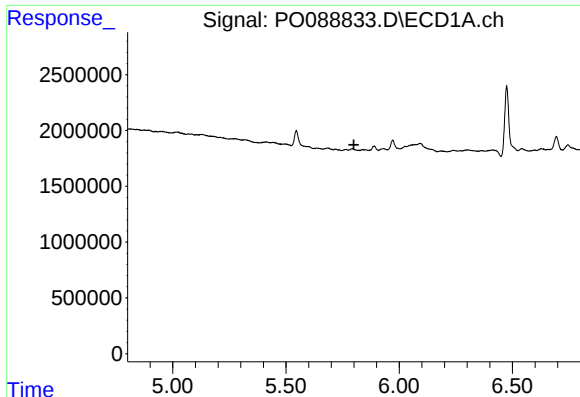
#5 AR-1016-3

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



#5 AR-1016-3

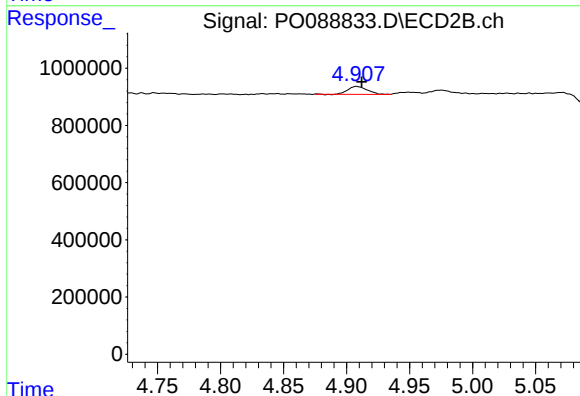
R.T.: 4.908 min  
Delta R.T.: 0.038 min  
Response: 294853  
Conc: 10.08 ng/ml



#6 AR-1016-4

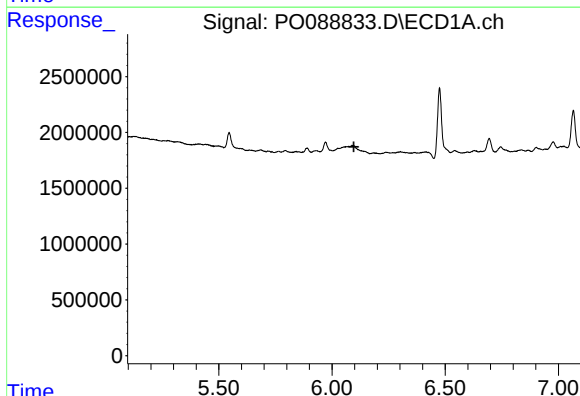
R.T.: 0.000 min  
Exp R.T.: 5.800 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



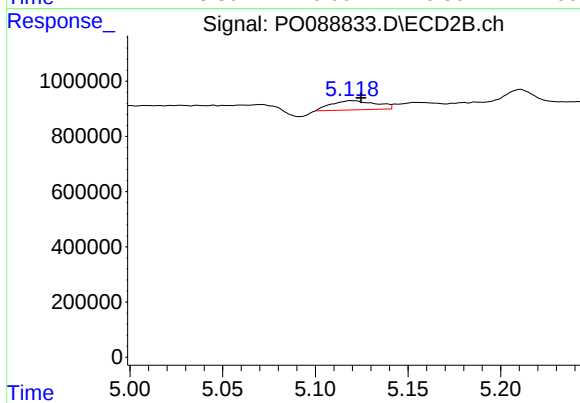
#6 AR-1016-4

R.T.: 4.908 min  
Delta R.T.: -0.004 min  
Response: 294853  
Conc: 12.22 ng/ml



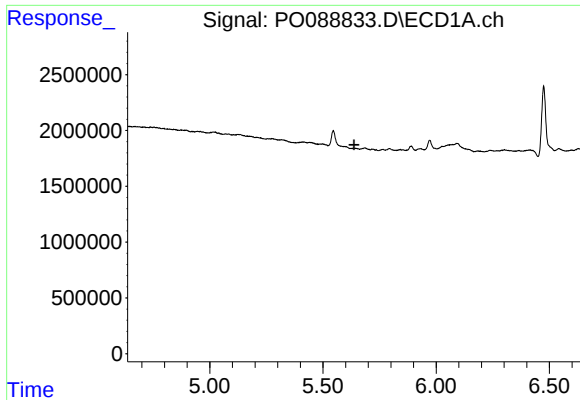
#7 AR-1016-5

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



#7 AR-1016-5

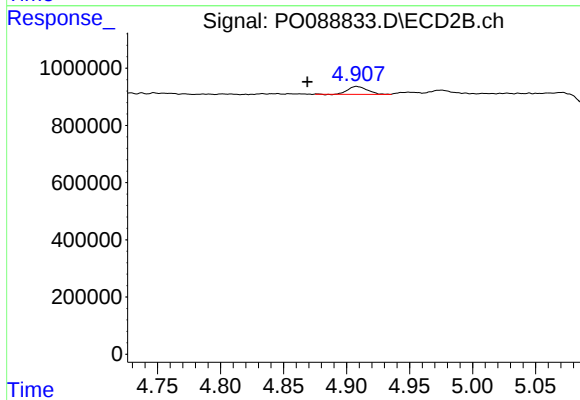
R.T.: 5.120 min  
Delta R.T.: -0.005 min  
Response: 561429  
Conc: 17.21 ng/ml



#13 AR-1232-3

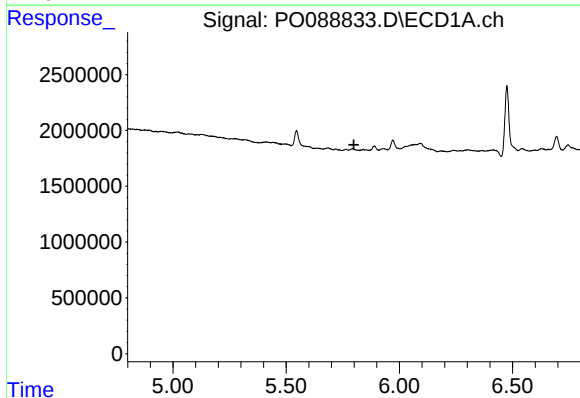
R.T.: 0.000 min  
Exp R.T.: 5.637 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



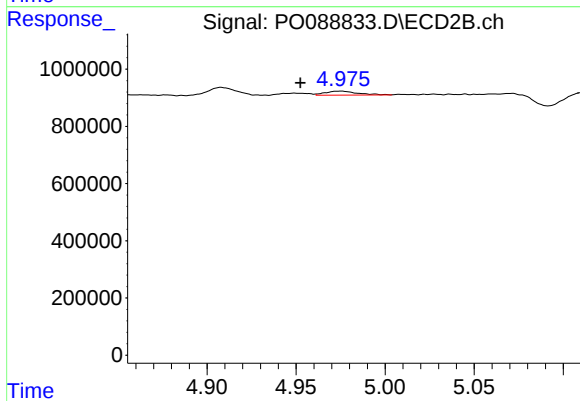
#13 AR-1232-3

R.T.: 4.908 min  
Delta R.T.: 0.039 min  
Response: 294853  
Conc: 23.99 ng/ml



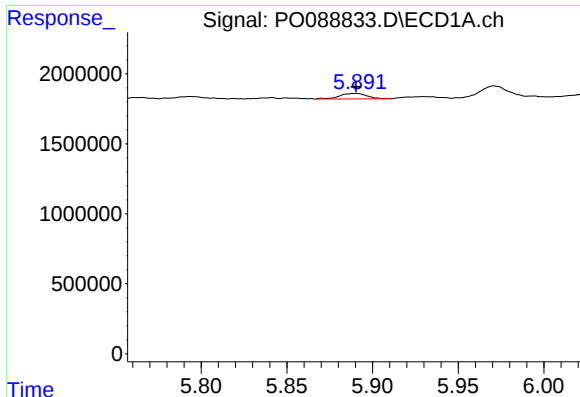
#14 AR-1232-4

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



#14 AR-1232-4

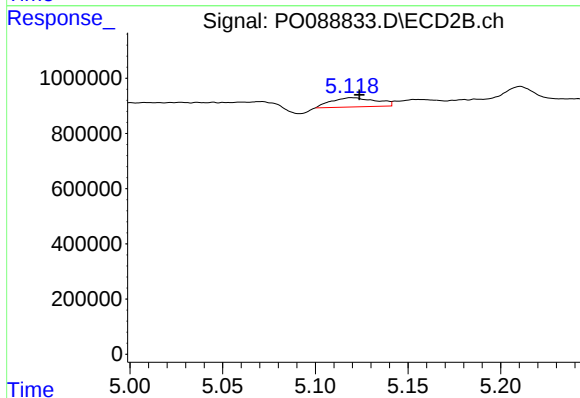
R.T.: 4.975 min  
Delta R.T.: 0.023 min  
Response: 169584  
Conc: 14.39 ng/ml



#15 AR-1232-5

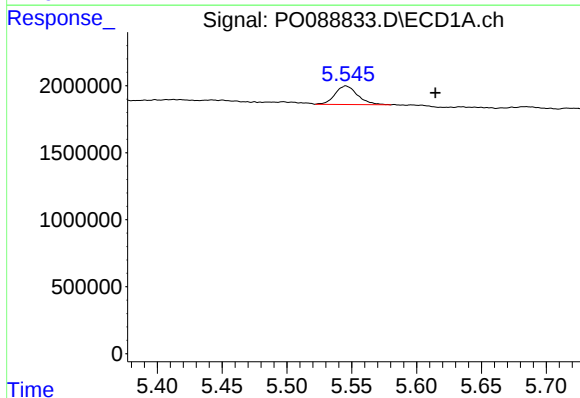
R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 430592  
Conc: 20.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



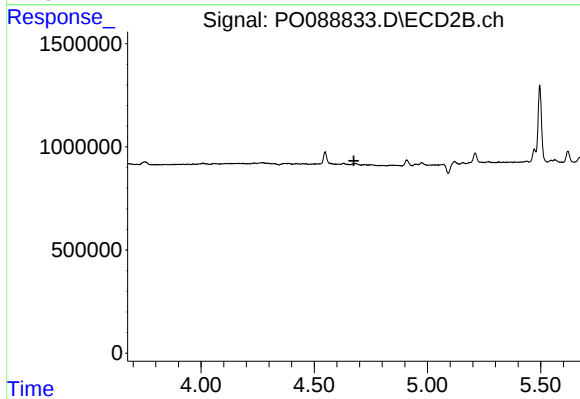
#15 AR-1232-5

R.T.: 5.120 min  
Delta R.T.: -0.004 min  
Response: 561429  
Conc: 41.73 ng/ml



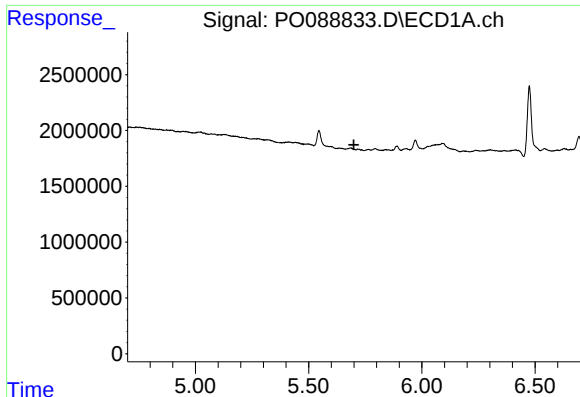
#16 AR-1242-1

R.T.: 5.546 min  
Delta R.T.: -0.069 min  
Response: 1669475  
Conc: 24.84 ng/ml



#16 AR-1242-1

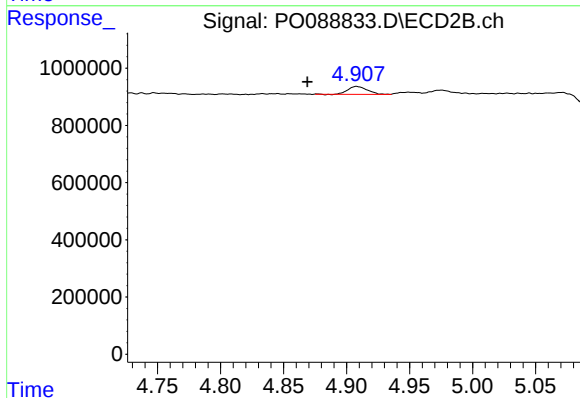
R.T.: 0.000 min  
Exp R.T. : 4.675 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

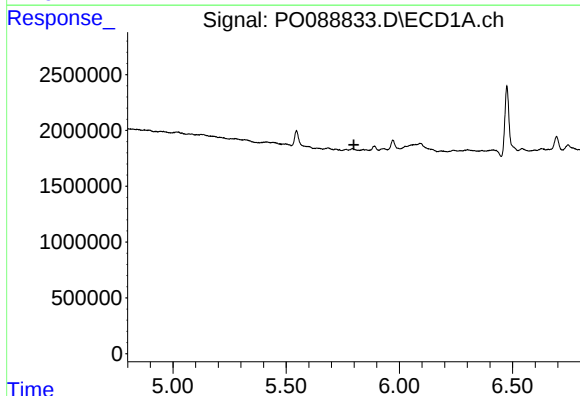
R.T.: 0.000 min  
Exp R.T.: 5.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



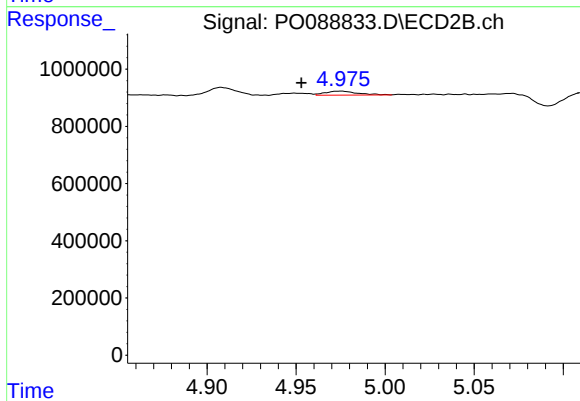
#18 AR-1242-3

R.T.: 4.908 min  
Delta R.T.: 0.039 min  
Response: 294853  
Conc: 12.28 ng/ml



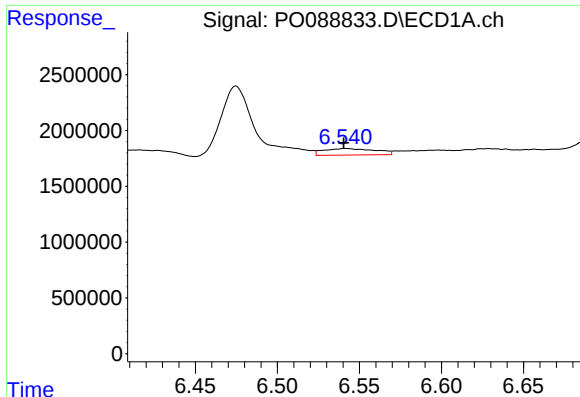
#19 AR-1242-4

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



#19 AR-1242-4

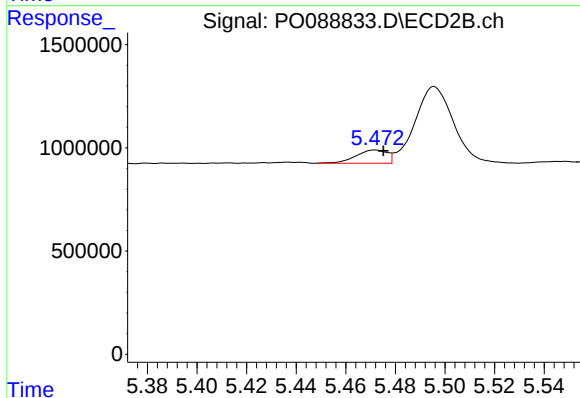
R.T.: 4.975 min  
Delta R.T.: 0.022 min  
Response: 169584  
Conc: 6.73 ng/ml



#20 AR-1242-5

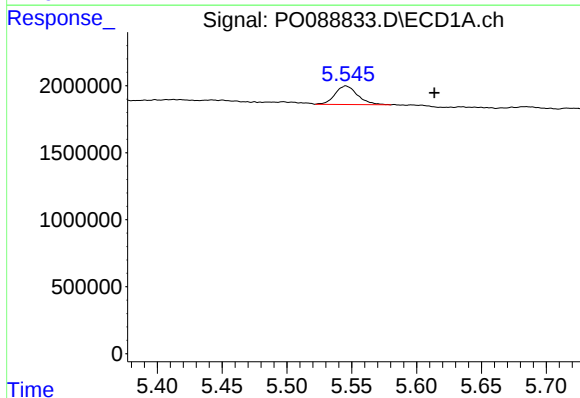
R.T.: 6.542 min  
Delta R.T.: 0.002 min  
Response: 1284108  
Conc: 24.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



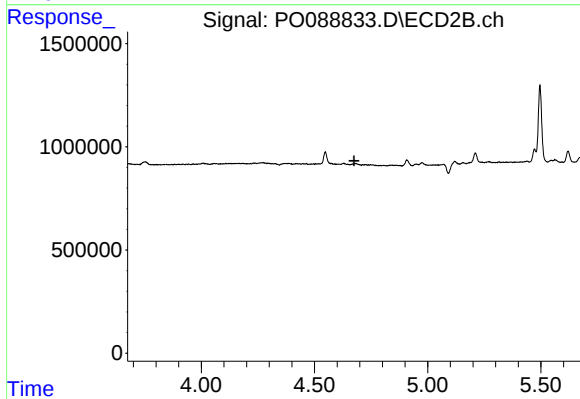
#20 AR-1242-5

R.T.: 5.472 min  
Delta R.T.: -0.003 min  
Response: 559608  
Conc: 17.58 ng/ml



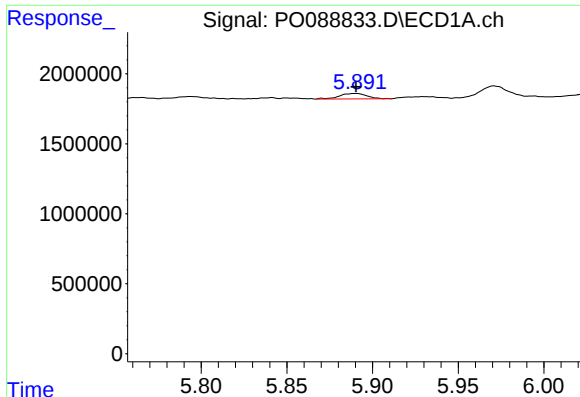
#21 AR-1248-1

R.T.: 5.546 min  
Delta R.T.: -0.068 min  
Response: 1669475  
Conc: 32.36 ng/ml



#21 AR-1248-1

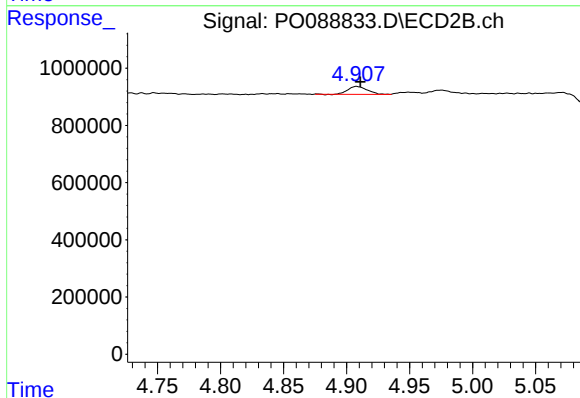
R.T.: 0.000 min  
Exp R.T.: 4.674 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

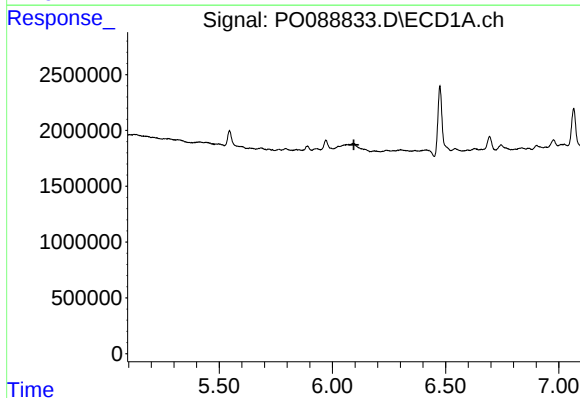
R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 430592  
Conc: 5.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



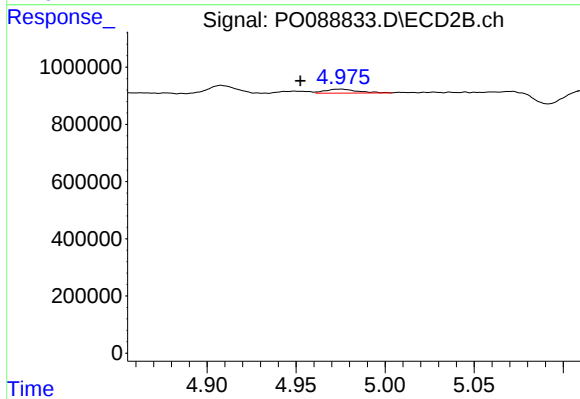
#22 AR-1248-2

R.T.: 4.908 min  
Delta R.T.: -0.003 min  
Response: 294853  
Conc: 8.22 ng/ml



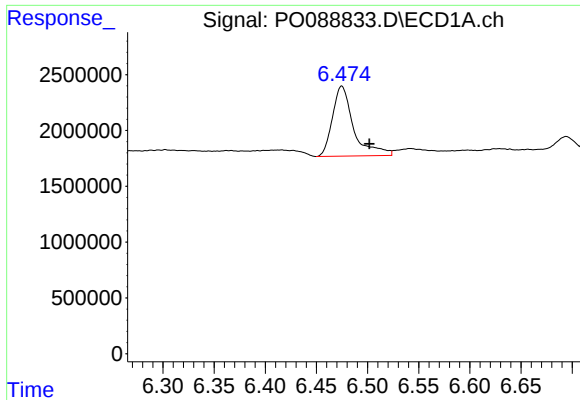
#23 AR-1248-3

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



#23 AR-1248-3

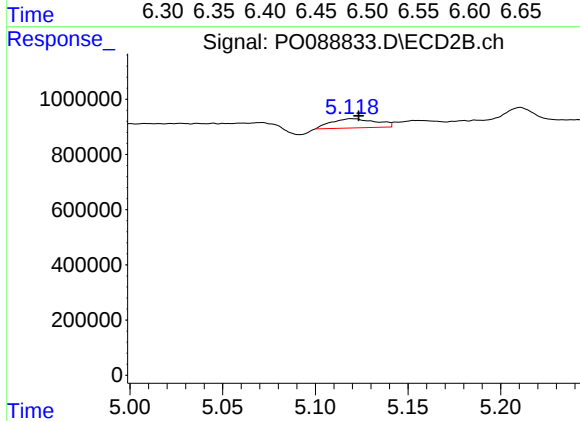
R.T.: 4.975 min  
Delta R.T.: 0.023 min  
Response: 169584  
Conc: 4.45 ng/ml



#24 AR-1248-4

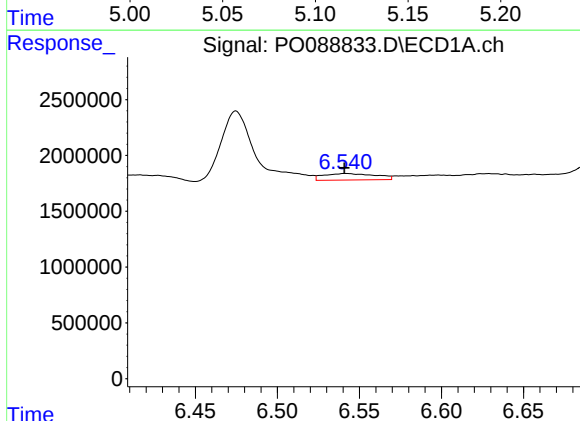
R.T.: 6.475 min  
Delta R.T.: -0.027 min  
Response: 9012743  
Conc: 100.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



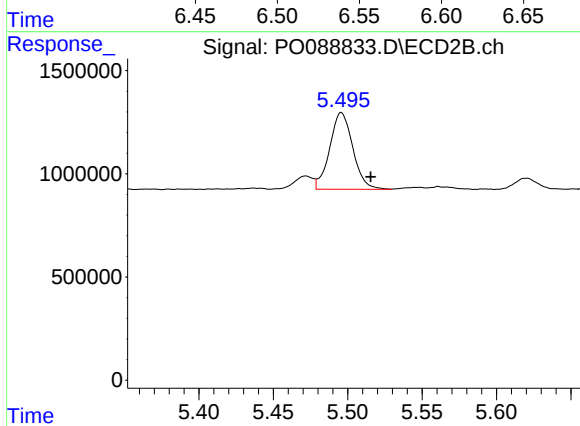
#24 AR-1248-4

R.T.: 5.120 min  
Delta R.T.: -0.004 min  
Response: 561429  
Conc: 12.23 ng/ml



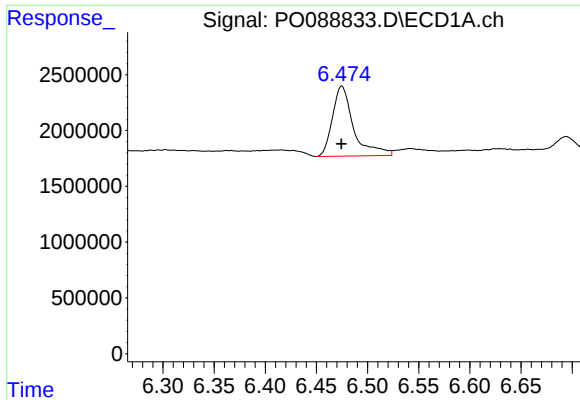
#25 AR-1248-5

R.T.: 6.542 min  
Delta R.T.: 0.001 min  
Response: 1284108  
Conc: 14.49 ng/ml



#25 AR-1248-5

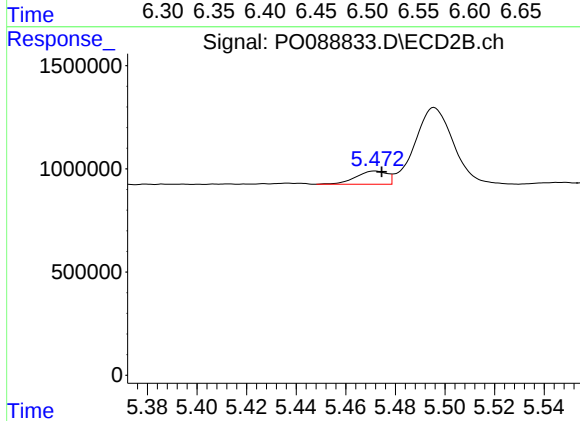
R.T.: 5.496 min  
Delta R.T.: -0.020 min  
Response: 4023248  
Conc: 92.15 ng/ml



#26 AR-1254-1

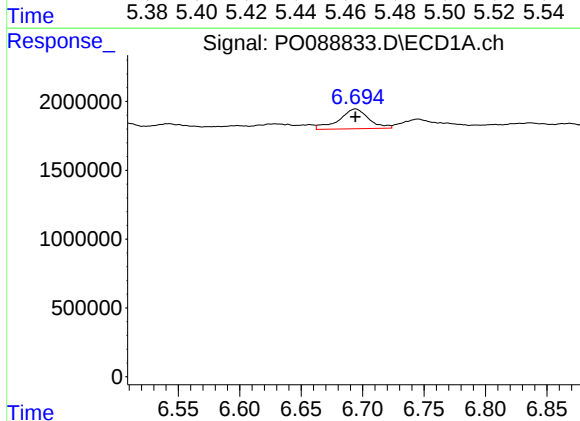
R.T.: 6.475 min  
Delta R.T.: 0.000 min  
Response: 9012743  
Conc: 98.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



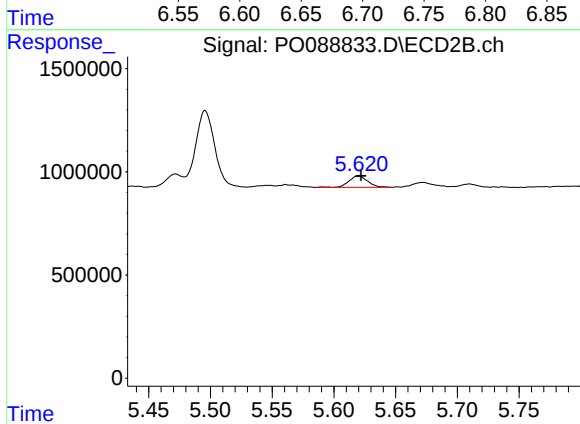
#26 AR-1254-1

R.T.: 5.472 min  
Delta R.T.: -0.003 min  
Response: 559608  
Conc: 8.13 ng/ml



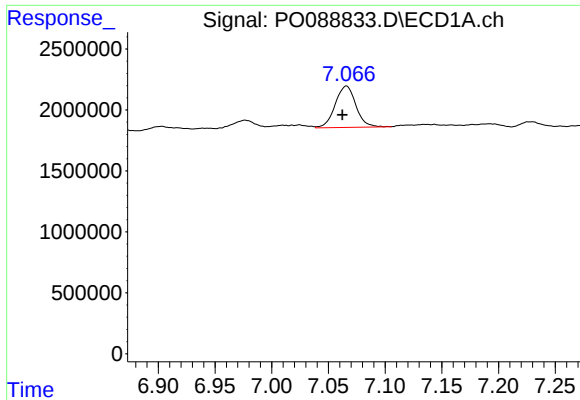
#27 AR-1254-2

R.T.: 6.694 min  
Delta R.T.: 0.000 min  
Response: 2425959  
Conc: 17.74 ng/ml



#27 AR-1254-2

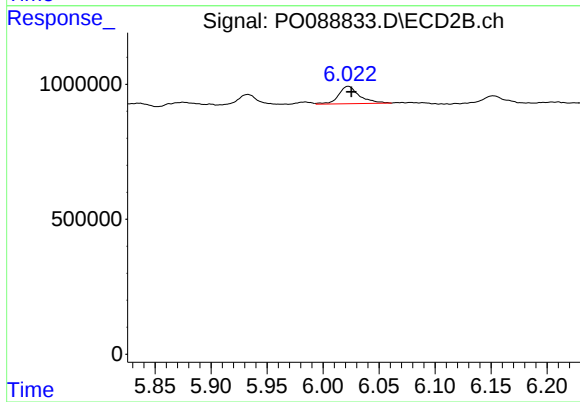
R.T.: 5.620 min  
Delta R.T.: -0.002 min  
Response: 591354  
Conc: 9.99 ng/ml



#28 AR-1254-3

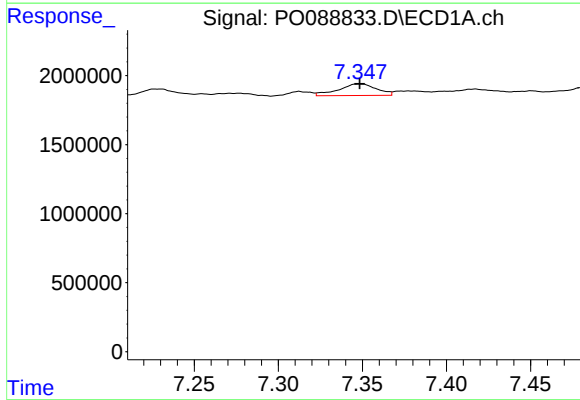
R.T.: 7.066 min  
Delta R.T.: 0.004 min  
Response: 4318037  
Conc: 30.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



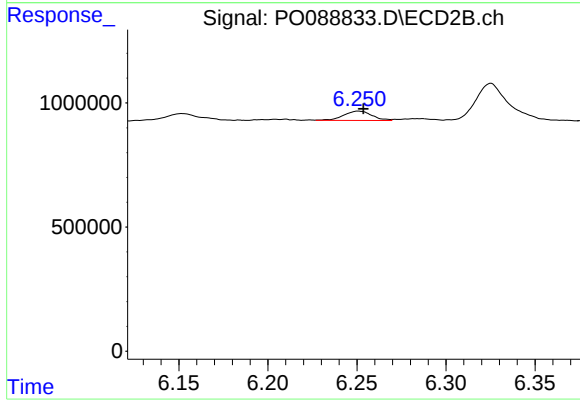
#28 AR-1254-3

R.T.: 6.022 min  
Delta R.T.: -0.003 min  
Response: 836506  
Conc: 9.00 ng/ml



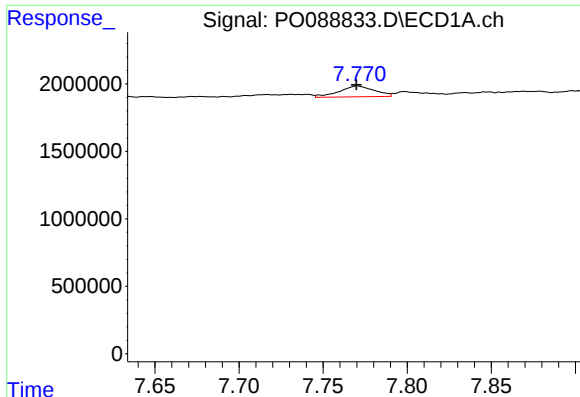
#29 AR-1254-4

R.T.: 7.348 min  
Delta R.T.: 0.000 min  
Response: 1331686  
Conc: 13.18 ng/ml



#29 AR-1254-4

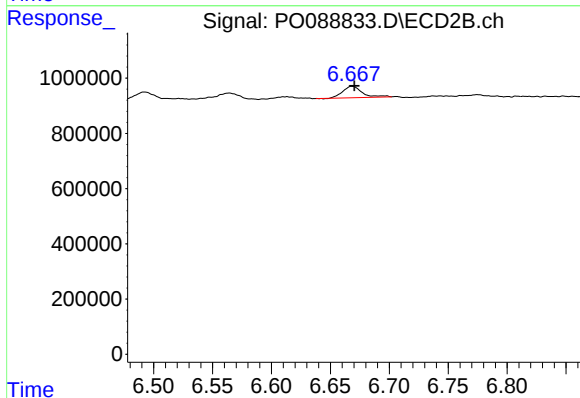
R.T.: 6.251 min  
Delta R.T.: -0.003 min  
Response: 409664  
Conc: 7.23 ng/ml



#30 AR-1254-5

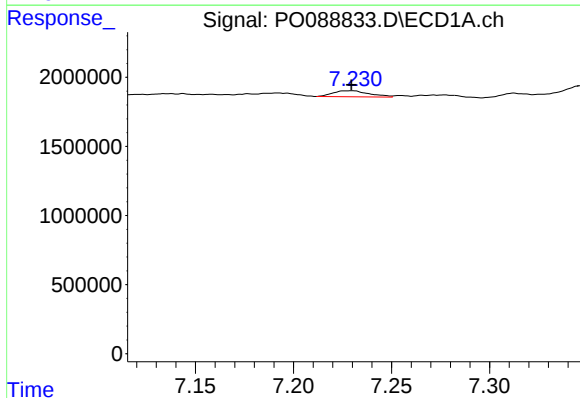
R.T.: 7.770 min  
Delta R.T.: 0.000 min  
Response: 1179981  
Conc: 11.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



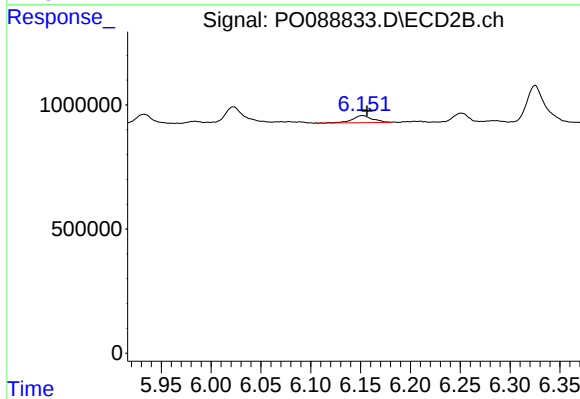
#30 AR-1254-5

R.T.: 6.668 min  
Delta R.T.: -0.002 min  
Response: 474088  
Conc: 5.81 ng/ml



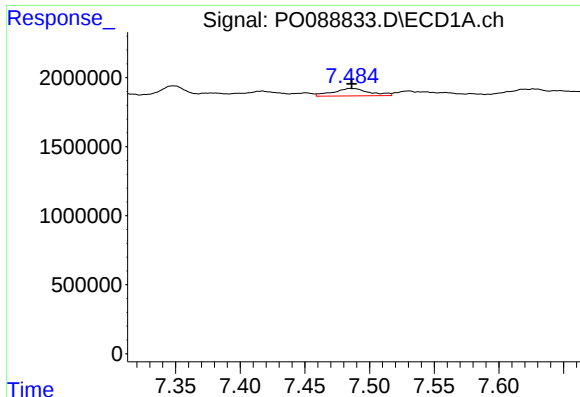
#31 AR-1260-1

R.T.: 7.229 min  
Delta R.T.: 0.000 min  
Response: 559031  
Conc: 5.41 ng/ml



#31 AR-1260-1

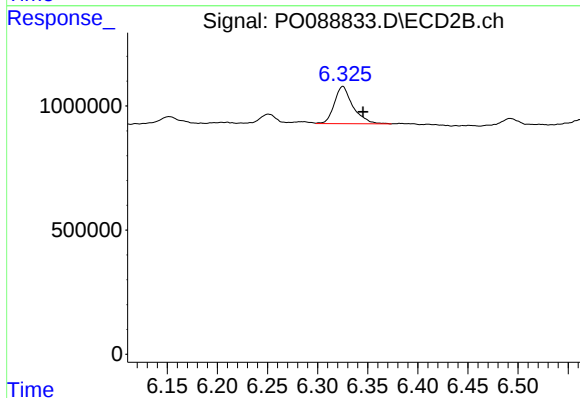
R.T.: 6.152 min  
Delta R.T.: -0.005 min  
Response: 403888  
Conc: 6.36 ng/ml



#32 AR-1260-2

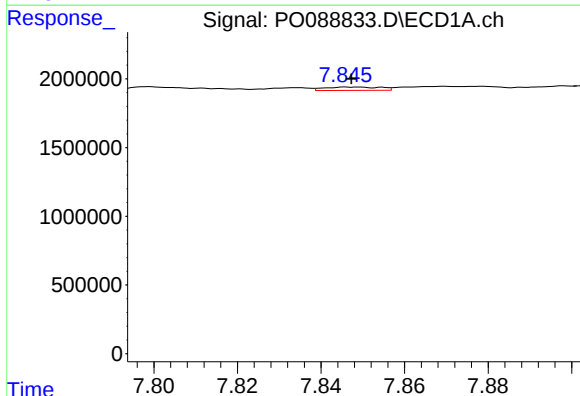
R.T.: 7.485 min  
Delta R.T.: 0.000 min  
Response: 1046407  
Conc: 8.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



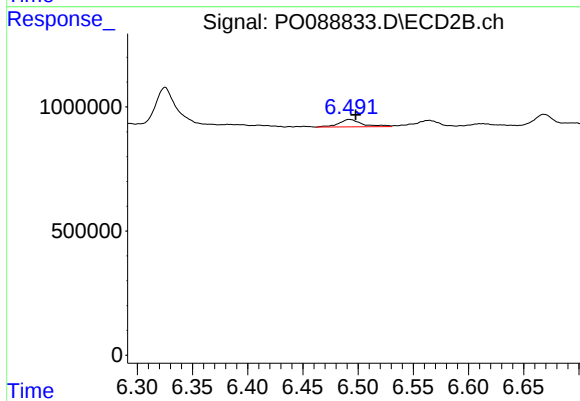
#32 AR-1260-2

R.T.: 6.325 min  
Delta R.T.: -0.020 min  
Response: 1942061  
Conc: 25.34 ng/ml



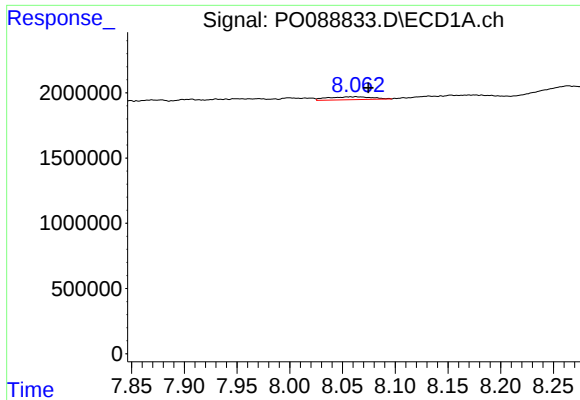
#33 AR-1260-3

R.T.: 7.847 min  
Delta R.T.: 0.000 min  
Response: 232823  
Conc: 2.65 ng/ml



#33 AR-1260-3

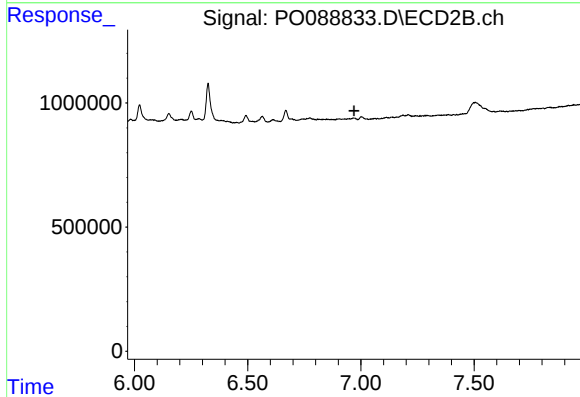
R.T.: 6.492 min  
Delta R.T.: -0.006 min  
Response: 434644  
Conc: 6.05 ng/ml



#34 AR-1260-4

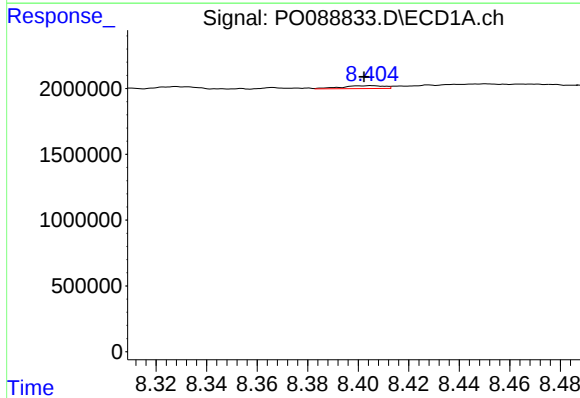
R.T.: 8.063 min  
Delta R.T.: -0.012 min  
Response: 638908  
Conc: 6.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



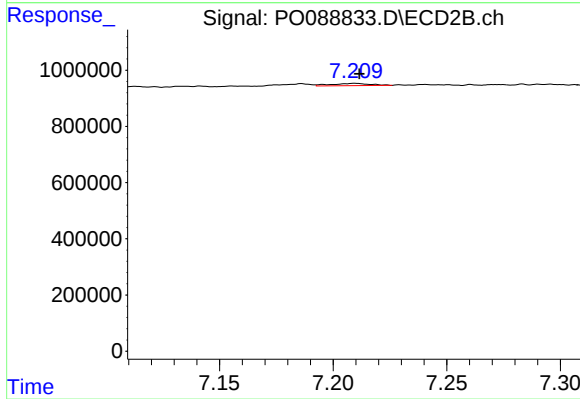
#34 AR-1260-4

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



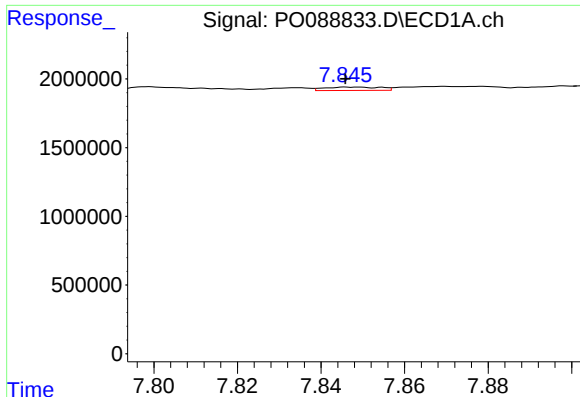
#35 AR-1260-5

R.T.: 8.405 min  
Delta R.T.: 0.003 min  
Response: 251349  
Conc: 1.36 ng/ml



#35 AR-1260-5

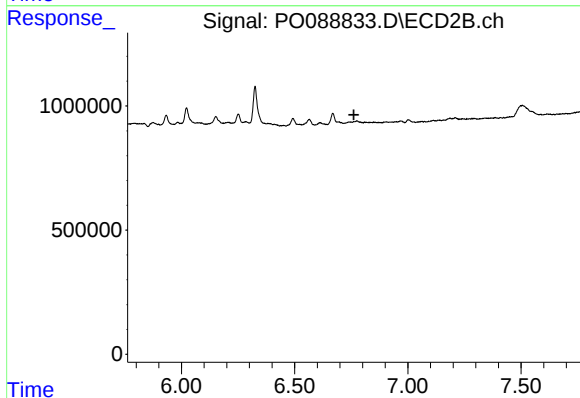
R.T.: 7.210 min  
Delta R.T.: -0.002 min  
Response: 99566  
Conc: 0.71 ng/ml



#36 AR-1262-1

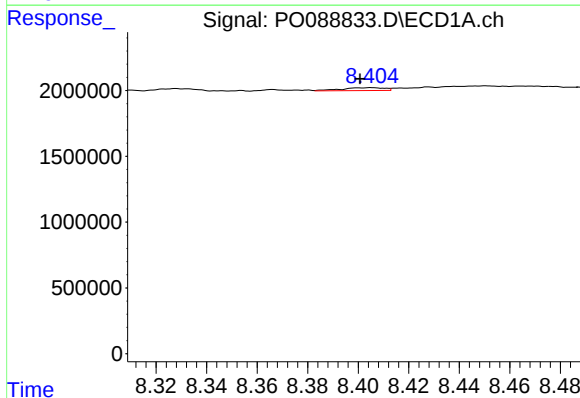
R.T.: 7.847 min  
Delta R.T.: 0.002 min  
Response: 232823  
Conc: 1.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



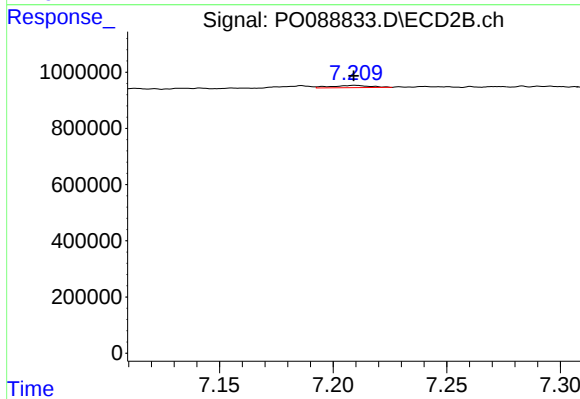
#36 AR-1262-1

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



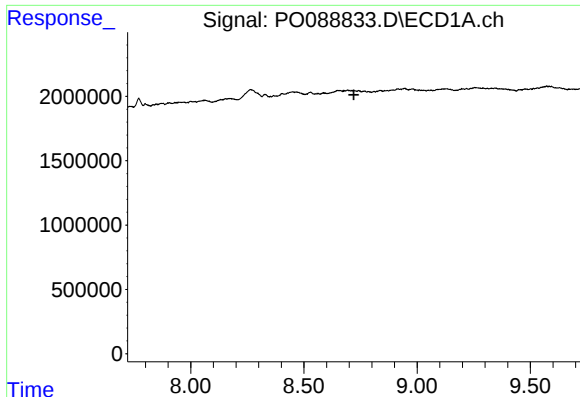
#37 AR-1262-2

R.T.: 8.405 min  
Delta R.T.: 0.004 min  
Response: 251349  
Conc: 1.20 ng/ml



#37 AR-1262-2

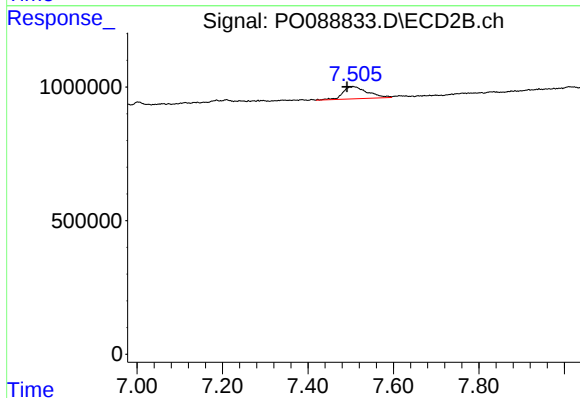
R.T.: 7.210 min  
Delta R.T.: 0.000 min  
Response: 99566  
Conc: 0.65 ng/ml



#38 AR-1262-3

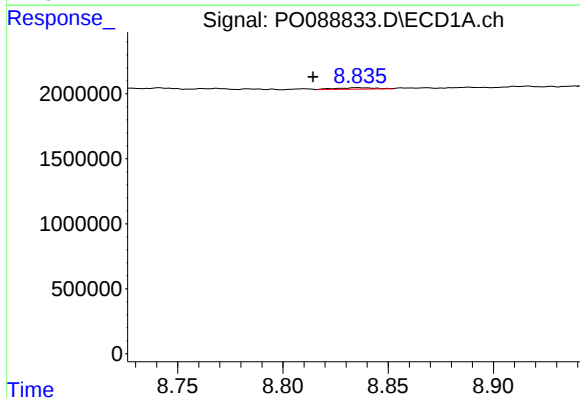
R.T.: 0.000 min  
Exp R.T.: 8.721 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



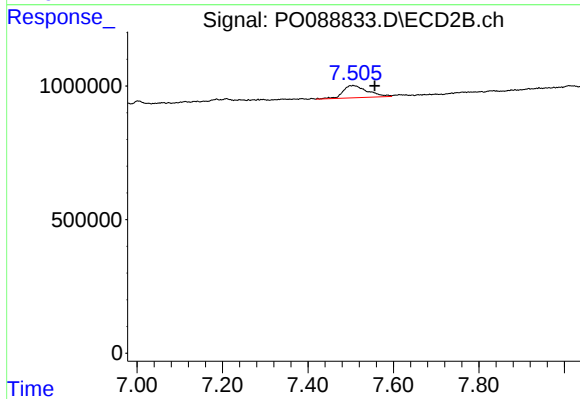
#38 AR-1262-3

R.T.: 7.506 min  
Delta R.T.: 0.014 min  
Response: 1846279  
Conc: 29.93 ng/ml



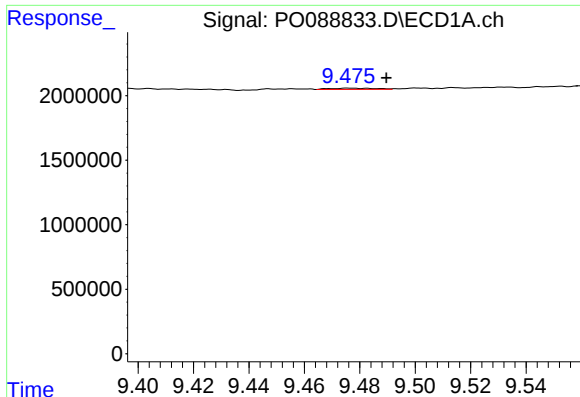
#39 AR-1262-4

R.T.: 8.835 min  
Delta R.T.: 0.021 min  
Response: 138258  
Conc: 2.10 ng/ml



#39 AR-1262-4

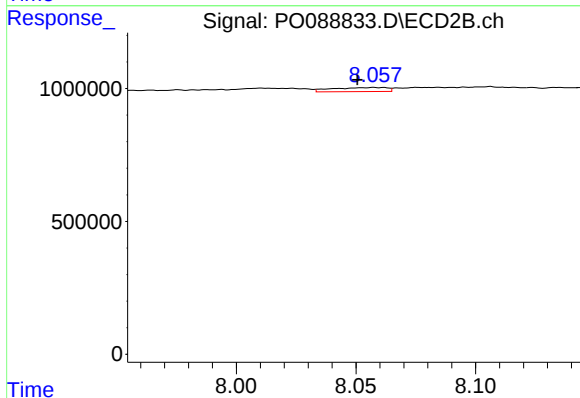
R.T.: 7.506 min  
Delta R.T.: -0.051 min  
Response: 1846279  
Conc: 16.21 ng/ml



#40 AR-1262-5

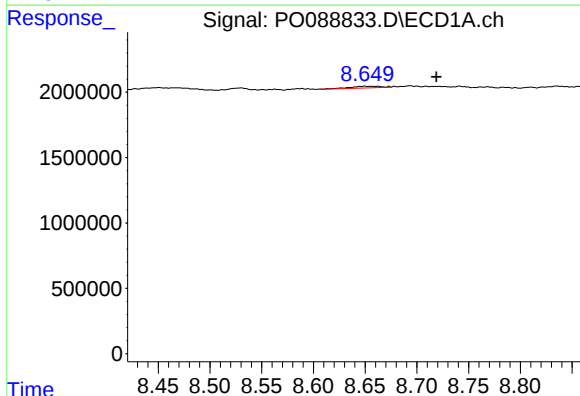
R.T.: 9.476 min  
Delta R.T.: -0.013 min  
Response: 104158  
Conc: 1.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



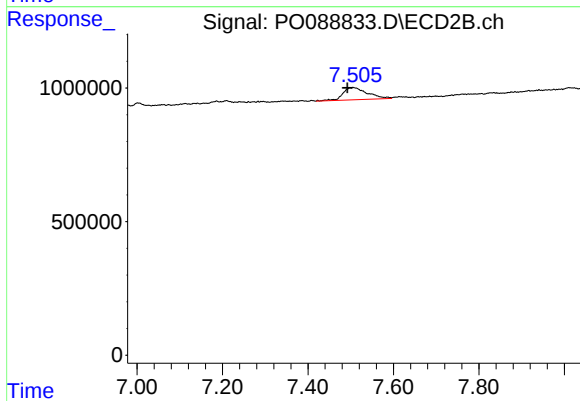
#40 AR-1262-5

R.T.: 8.058 min  
Delta R.T.: 0.007 min  
Response: 248158  
Conc: 4.62 ng/ml



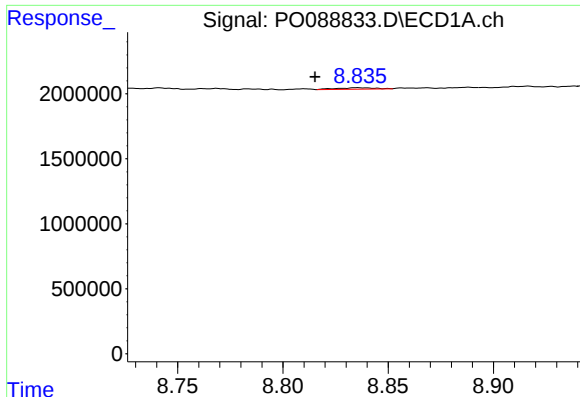
#41 AR-1268-1

R.T.: 8.650 min  
Delta R.T.: -0.069 min  
Response: 284887  
Conc: 1.15 ng/ml



#41 AR-1268-1

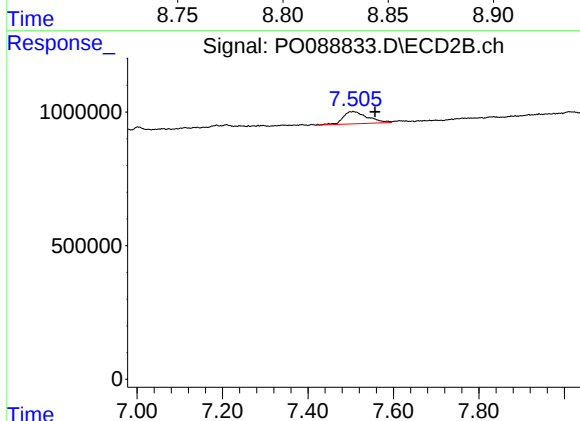
R.T.: 7.506 min  
Delta R.T.: 0.014 min  
Response: 1846279  
Conc: 10.43 ng/ml



#42 AR-1268-2

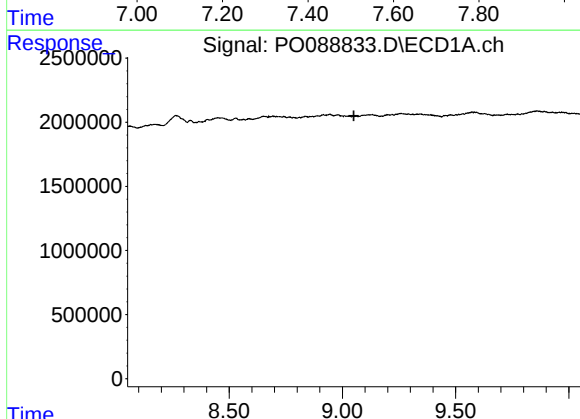
R.T.: 8.835 min  
Delta R.T.: 0.020 min  
Response: 138258  
Conc: 0.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



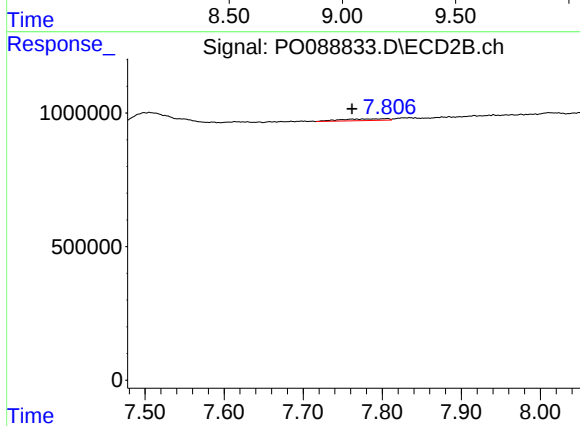
#42 AR-1268-2

R.T.: 7.506 min  
Delta R.T.: -0.051 min  
Response: 1846279  
Conc: 11.50 ng/ml



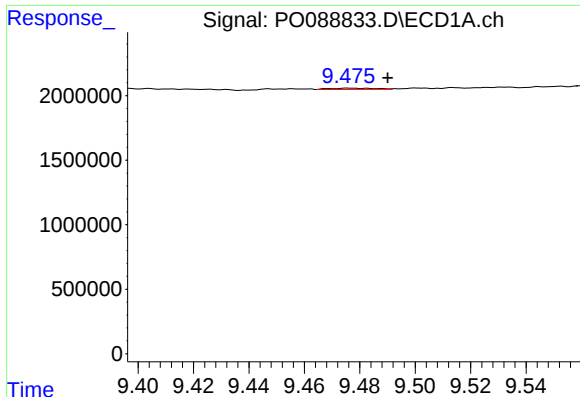
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 9.051 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

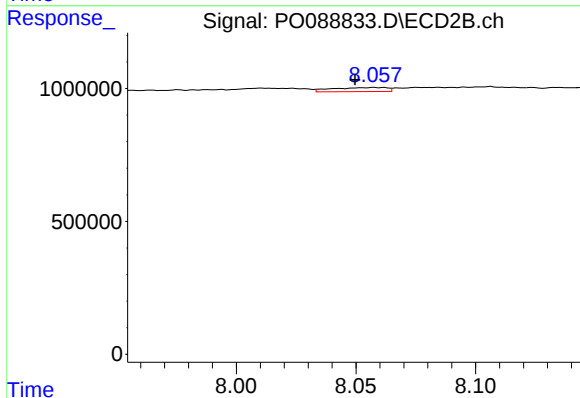
R.T.: 7.806 min  
Delta R.T.: 0.045 min  
Response: 258521  
Conc: 1.87 ng/ml



#44 AR-1268-4

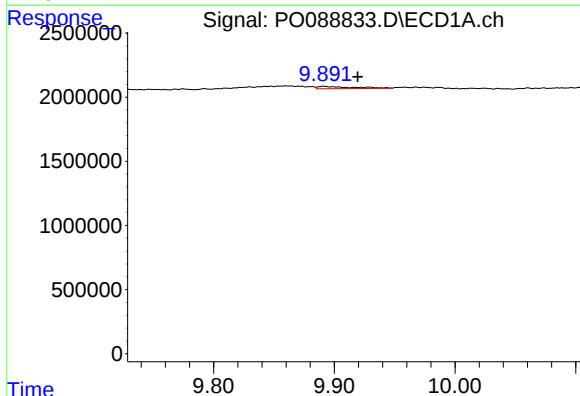
R.T.: 9.476 min  
Delta R.T.: -0.014 min  
Response: 104158  
Conc: 1.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



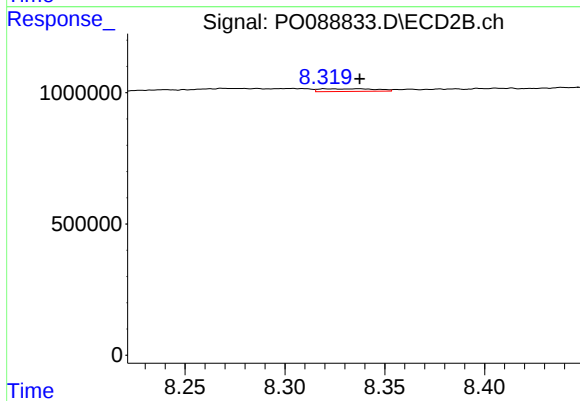
#44 AR-1268-4

R.T.: 8.058 min  
Delta R.T.: 0.008 min  
Response: 248158  
Conc: 4.29 ng/ml



#45 AR-1268-5

R.T.: 9.891 min  
Delta R.T.: -0.028 min  
Response: 369318  
Conc: 0.59 ng/ml



#45 AR-1268-5

R.T.: 8.337 min  
Delta R.T.: 0.000 min  
Response: 193869  
Conc: 0.48 ng/ml