

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0080923\  
 Data File : P0096892.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2023 06:21  
 Operator : YP/AJ  
 Sample : PB154722BL  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 PB154722BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 10 07:29:26 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0080723.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Aug 08 04:34:41 2023  
 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... | 4.410  | 3.618  | 56837683 | 25751747 | 17.171  | 19.453    |
| 2)                          | SA Decachlor... | 10.352 | 8.638  | 41700429 | 20890248 | 19.057  | 18.057    |
|                             |                 |        |        |          |          |         |           |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.531f | 4.721  | 3007731  | 241736   | 31.935  | 5.452 #   |
| 4)                          | L1 AR-1016-2    | 5.674f | 4.721  | 28113    | 241736   | 0.210   | 3.952 #   |
| 5)                          | L1 AR-1016-3    | 5.674  | 0.000  | 28113    | 0        | 0.323   | N.D. #    |
| 7)                          | L1 AR-1016-5    | 6.136f | 0.000  | 2710143  | 0        | 38.818  | N.D. #    |
| 8)                          | L2 AR-1221-1    | 4.598  | 0.000  | 969010   | 0        | 23.776  | N.D. #    |
| 9)                          | L2 AR-1221-2    | 4.721  | 3.918  | 1381505  | 418868   | 45.474  | 32.418 #  |
| 10)                         | L2 AR-1221-3    | 4.721f | 3.963  | 1381505  | 198708   | 15.783  | 5.006 #   |
| 11)                         | L3 AR-1232-1    | 4.721f | 3.963  | 1381505  | 198708   | 18.942  | 6.143 #   |
| 12)                         | L3 AR-1232-2    | 5.323  | 4.721  | 964494   | 241736   | 24.328  | 8.378 #   |
| 13)                         | L3 AR-1232-3    | 5.674f | 0.000  | 28113    | 0        | 0.460   | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.531f | 4.721  | 3007731  | 241736   | 35.885  | 6.132 #   |
| 17)                         | L4 AR-1242-2    | 5.674f | 4.721  | 28113    | 241736   | 0.239   | 4.436 #   |
| 18)                         | L4 AR-1242-3    | 5.674  | 0.000  | 28113    | 0        | 0.381   | N.D. #    |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.502  | 0        | 4579241  | N.D.    | 125.678 # |
| 21)                         | L5 AR-1248-1    | 5.531f | 4.721  | 3007731  | 241736   | 51.332  | 8.614 #   |
| 23)                         | L5 AR-1248-3    | 6.136f | 0.000  | 2710143  | 0        | 27.709  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.525  | 0        | 466923   | N.D.    | 9.987 #   |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.502  | 0        | 4579241  | N.D.    | 62.053 #  |
| 27)                         | L6 AR-1254-2    | 6.689  | 5.607f | 925149   | 2988731  | 5.738   | 45.366 #  |
| 28)                         | L6 AR-1254-3    | 6.993f | 6.047  | 246134   | 114373   | 1.571   | 1.132 #   |
| 29)                         | L6 AR-1254-4    | 7.356  | 6.291  | 118208   | 286244   | 1.172   | 4.946 #   |
| 30)                         | L6 AR-1254-5    | 7.794  | 0.000  | 4852496  | 0        | 43.243  | N.D. #    |
| 31)                         | L7 AR-1260-1    | 7.176f | 0.000  | 58234794 | 0        | 463.328 | N.D. #    |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.365  | 0        | 349130   | N.D.    | 4.183 #   |
| 33)                         | L7 AR-1260-3    | 7.867  | 0.000  | 394378   | 0        | 3.800   | N.D. #    |
| 34)                         | L7 AR-1260-4    | 8.101  | 6.968f | 812639   | 278709   | 7.268   | 4.349 #   |
| 35)                         | L7 AR-1260-5    | 8.468f | 7.313f | 828655   | 2923078  | 3.946   | 21.085 #  |
| 36)                         | L8 AR-1262-1    | 7.867  | 6.799  | 394378   | 4089768  | 2.655   | 103.884 # |
| 37)                         | L8 AR-1262-2    | 8.468f | 6.968f | 828655   | 278709   | 3.580   | 3.436     |
| 39)                         | L8 AR-1262-4    | 8.828  | 7.655f | 27305406 | 1025610  | 374.523 | 9.028 #   |
| 40)                         | L8 AR-1262-5    | 9.524  | 0.000  | 8205781  | 0        | 98.535  | N.D. #    |
| 42)                         | L9 AR-1268-2    | 8.828  | 7.655f | 27305406 | 1025610  | 99.584  | 6.116 #   |
| 43)                         | L9 AR-1268-3    | 9.111  | 7.798  | 3318322  | 2000404  | 12.993  | 13.845    |
| 44)                         | L9 AR-1268-4    | 9.524  | 0.000  | 8205781  | 0        | 88.507  | N.D. #    |
| 45)                         | L9 AR-1268-5    | 9.919f | 0.000  | 1658380  | 0        | 2.053   | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

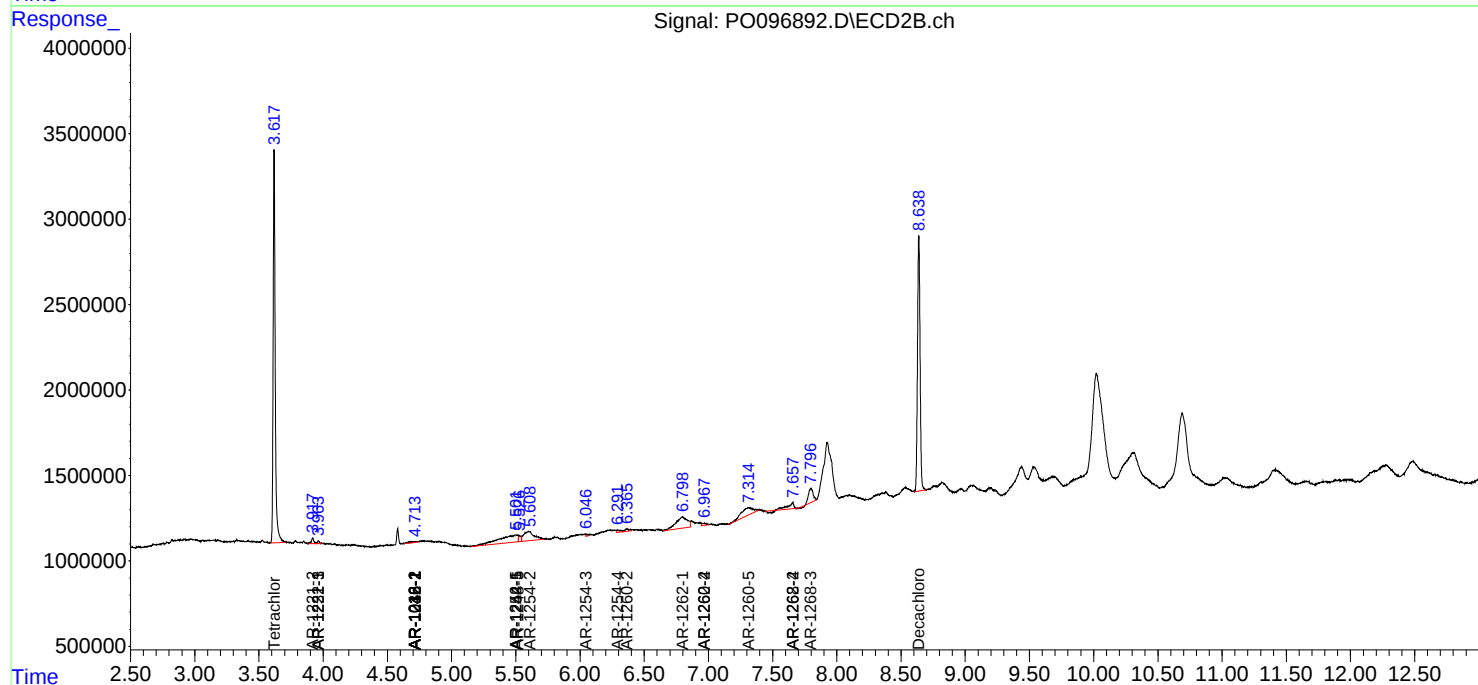
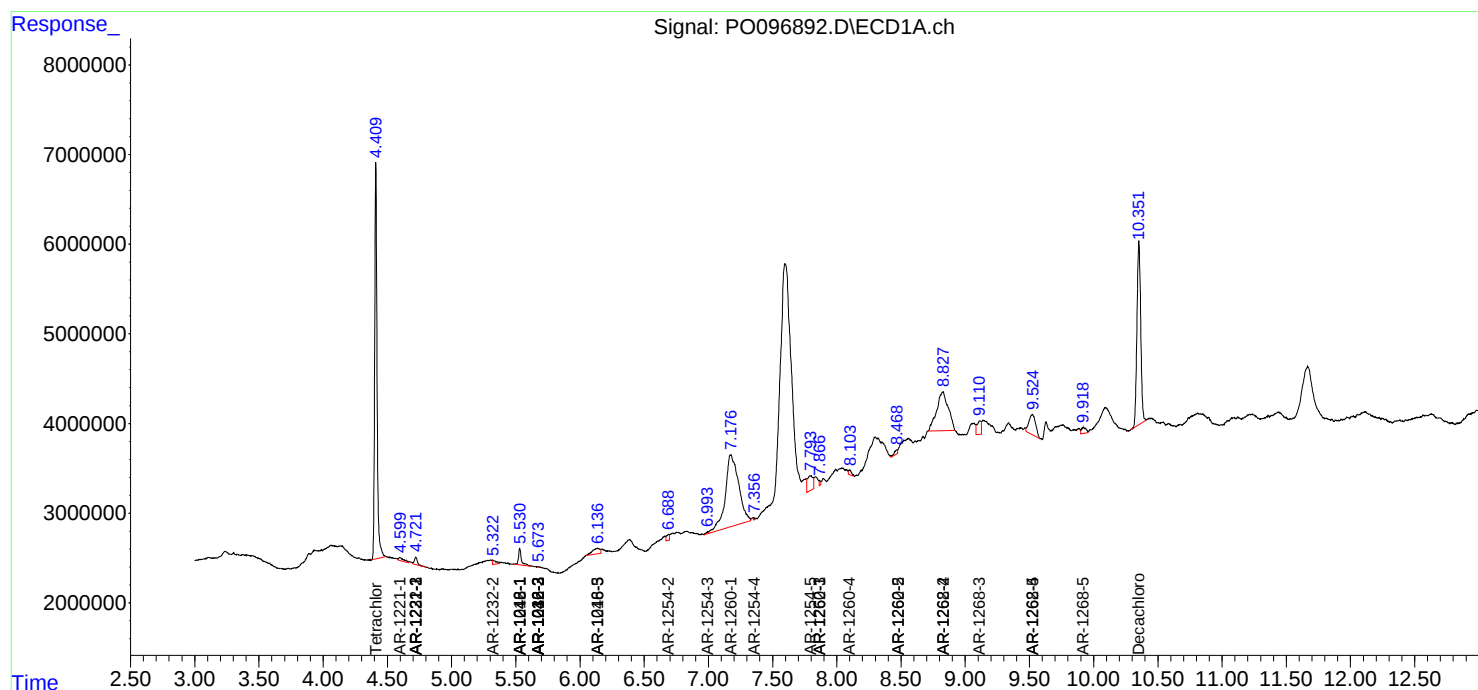
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

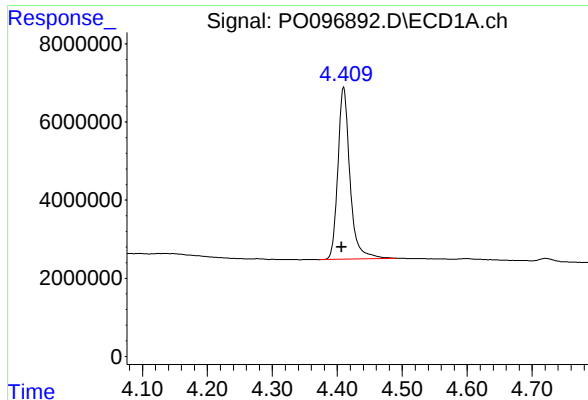
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO080923\  
Data File : PO096892.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Aug 2023 06:21  
Operator : YP/AJ  
Sample : PB154722BL  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 07:29:26 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO080723.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Aug 08 04:34:41 2023  
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

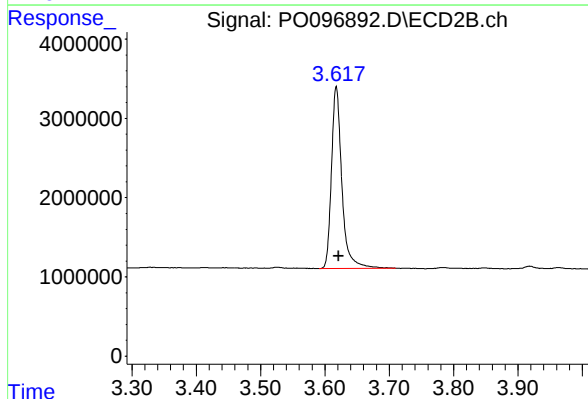




#1 Tetrachloro-m-xylene

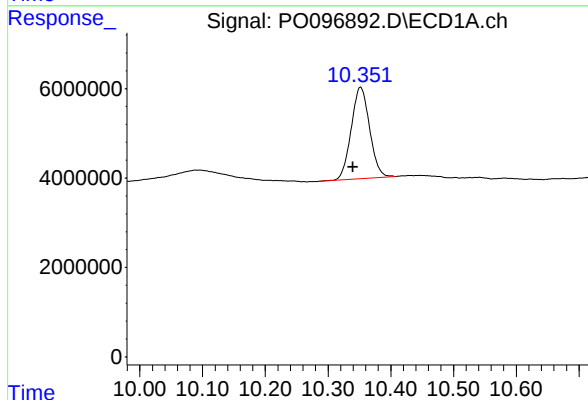
R.T.: 4.410 min  
Delta R.T.: 0.003 min  
Response: 56837683  
Conc: 17.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



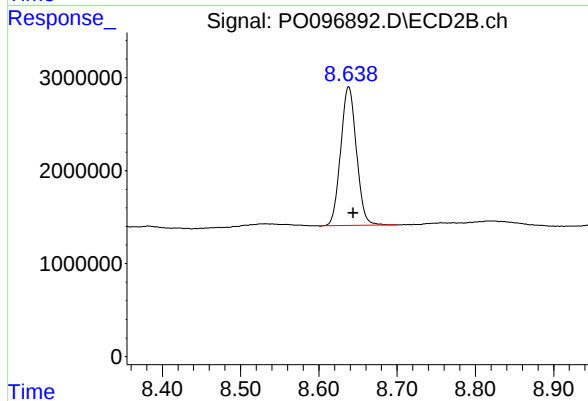
#1 Tetrachloro-m-xylene

R.T.: 3.618 min  
Delta R.T.: -0.003 min  
Response: 25751747  
Conc: 19.45 ng/ml



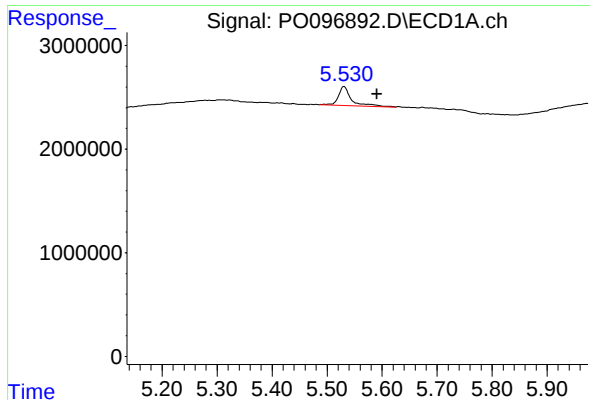
#2 Decachlorobiphenyl

R.T.: 10.352 min  
Delta R.T.: 0.012 min  
Response: 41700429  
Conc: 19.06 ng/ml



#2 Decachlorobiphenyl

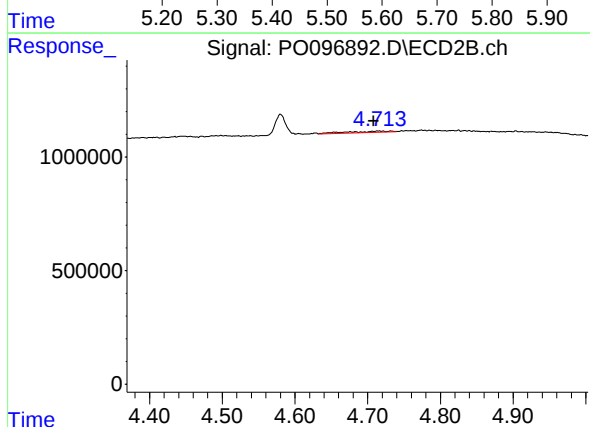
R.T.: 8.638 min  
Delta R.T.: -0.006 min  
Response: 20890248  
Conc: 18.06 ng/ml



#3 AR-1016-1

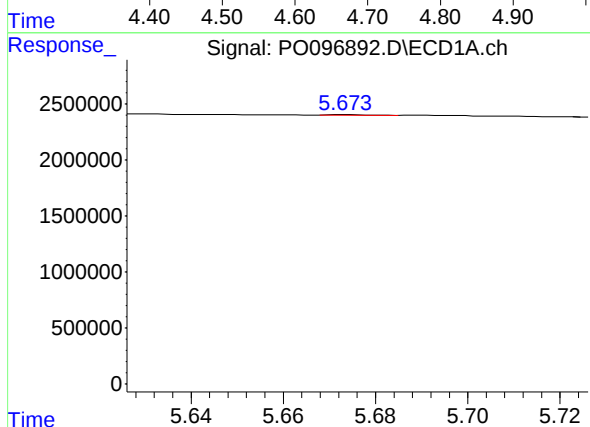
R.T.: 5.531 min  
Delta R.T.: -0.060 min  
Response: 3007731  
Conc: 31.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



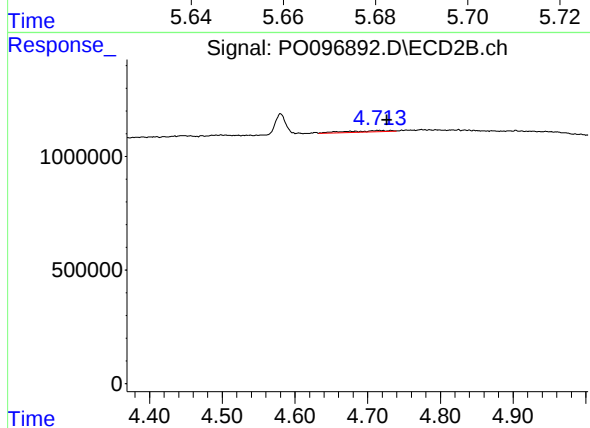
#3 AR-1016-1

R.T.: 4.721 min  
Delta R.T.: 0.013 min  
Response: 241736  
Conc: 5.45 ng/ml



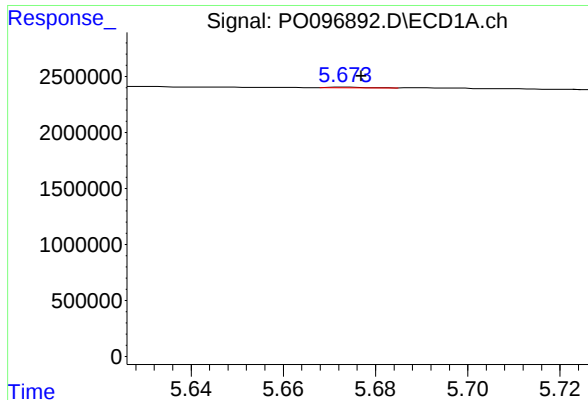
#4 AR-1016-2

R.T.: 5.674 min  
Delta R.T.: 0.060 min  
Response: 28113  
Conc: 0.21 ng/ml



#4 AR-1016-2

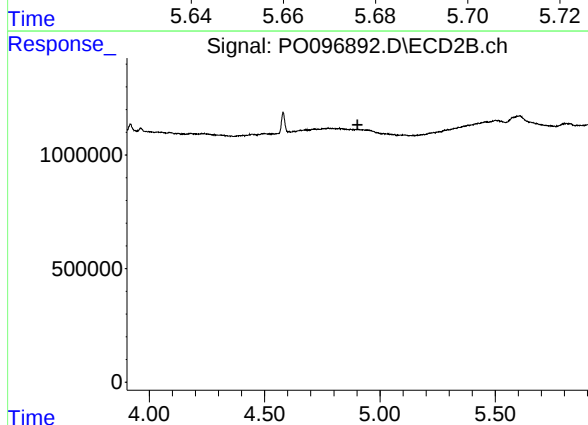
R.T.: 4.721 min  
Delta R.T.: -0.005 min  
Response: 241736  
Conc: 3.95 ng/ml



#5 AR-1016-3

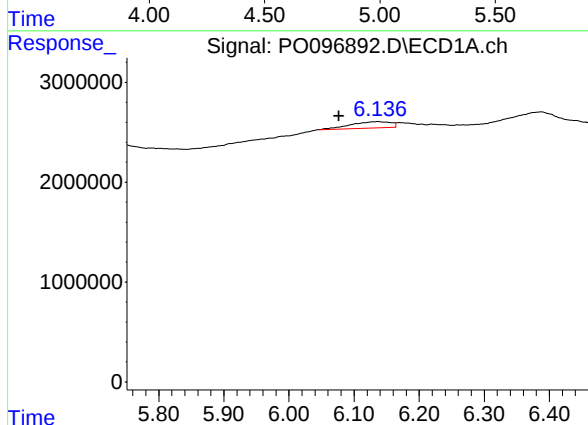
R.T.: 5.674 min  
Delta R.T.: -0.003 min  
Response: 28113  
Conc: 0.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



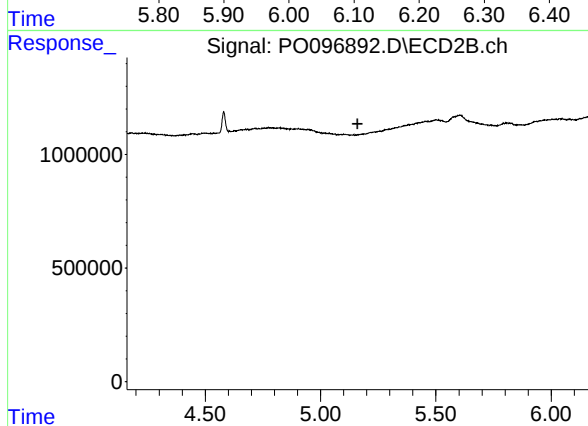
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 4.903 min  
Response: 0  
Conc: N.D.



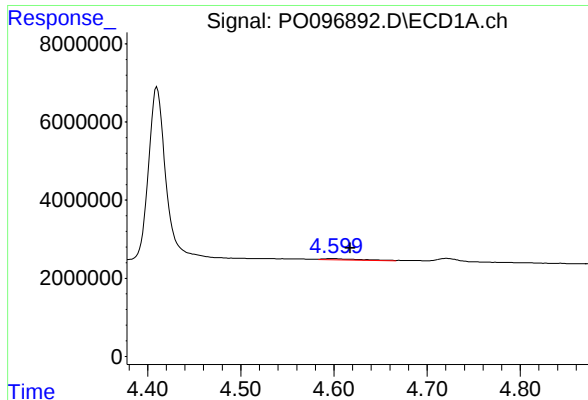
#7 AR-1016-5

R.T.: 6.136 min  
Delta R.T.: 0.060 min  
Response: 2710143  
Conc: 38.82 ng/ml



#7 AR-1016-5

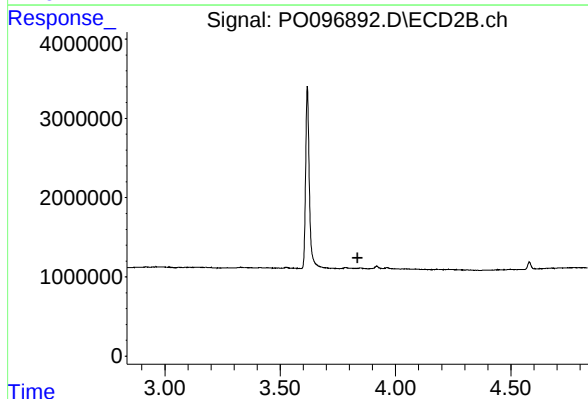
R.T.: 0.000 min  
Exp R.T.: 5.160 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

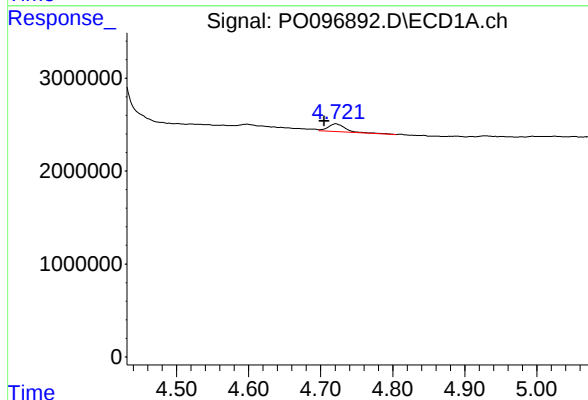
R.T.: 4.598 min  
Delta R.T.: -0.019 min  
Response: 969010  
Conc: 23.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



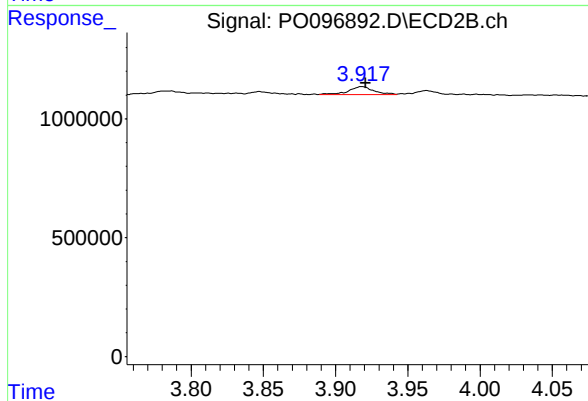
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 3.835 min  
Response: 0  
Conc: N.D.



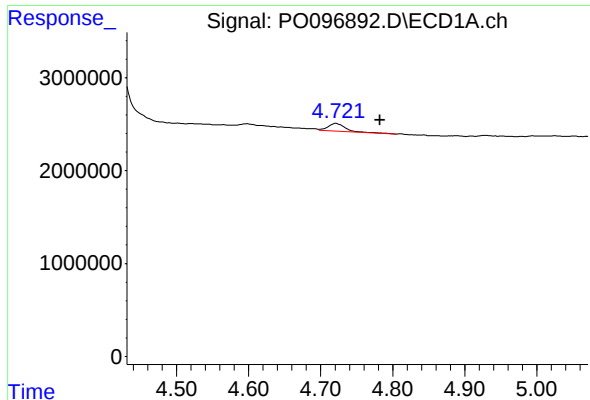
#9 AR-1221-2

R.T.: 4.721 min  
Delta R.T.: 0.016 min  
Response: 1381505  
Conc: 45.47 ng/ml



#9 AR-1221-2

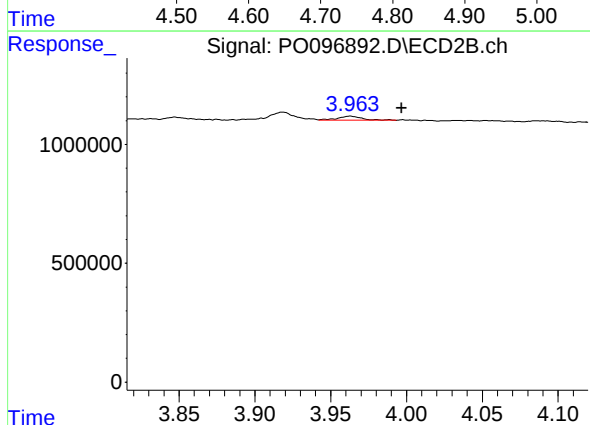
R.T.: 3.918 min  
Delta R.T.: -0.002 min  
Response: 418868  
Conc: 32.42 ng/ml



#10 AR-1221-3

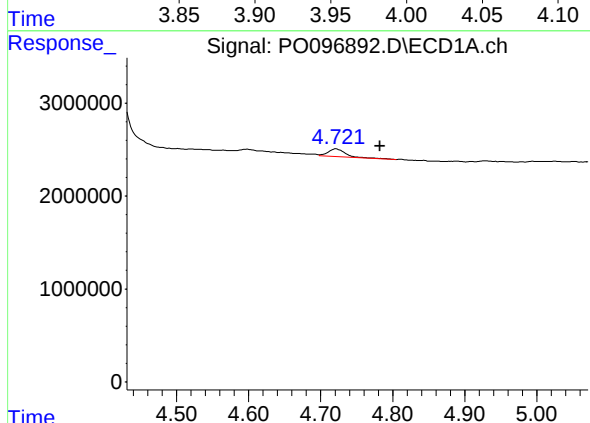
R.T.: 4.721 min  
Delta R.T.: -0.061 min  
Response: 1381505  
Conc: 15.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



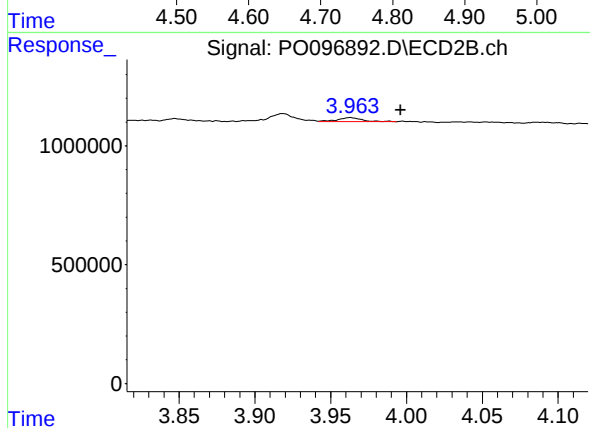
#10 AR-1221-3

R.T.: 3.963 min  
Delta R.T.: -0.034 min  
Response: 198708  
Conc: 5.01 ng/ml



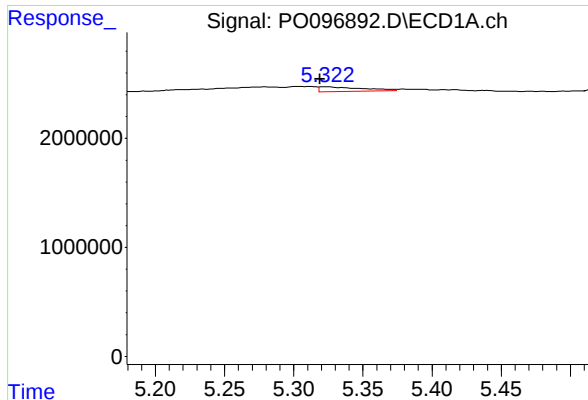
#11 AR-1232-1

R.T.: 4.721 min  
Delta R.T.: -0.061 min  
Response: 1381505  
Conc: 18.94 ng/ml



#11 AR-1232-1

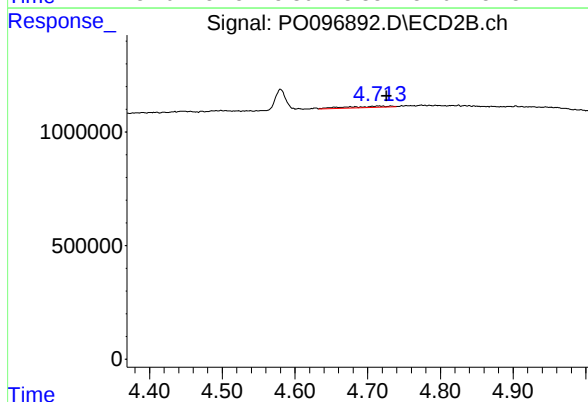
R.T.: 3.963 min  
Delta R.T.: -0.033 min  
Response: 198708  
Conc: 6.14 ng/ml



#12 AR-1232-2

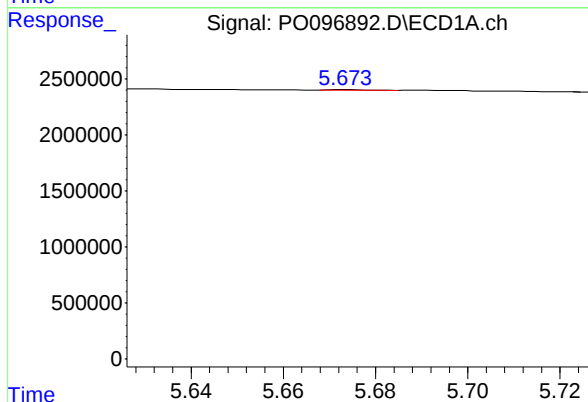
R.T.: 5.323 min  
Delta R.T.: 0.004 min  
Response: 964494  
Conc: 24.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



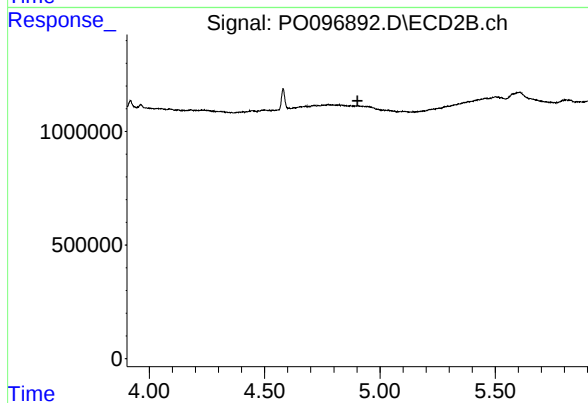
#12 AR-1232-2

R.T.: 4.721 min  
Delta R.T.: -0.005 min  
Response: 241736  
Conc: 8.38 ng/ml



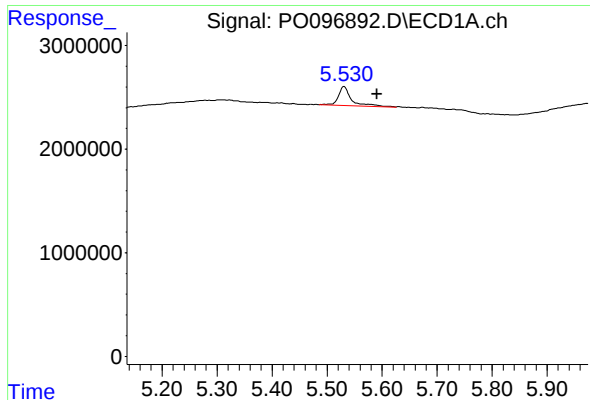
#13 AR-1232-3

R.T.: 5.674 min  
Delta R.T.: 0.061 min  
Response: 28113  
Conc: 0.46 ng/ml



#13 AR-1232-3

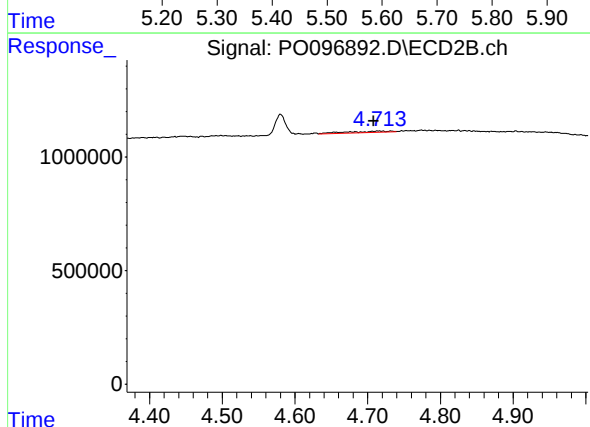
R.T.: 0.000 min  
Exp R.T.: 4.902 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

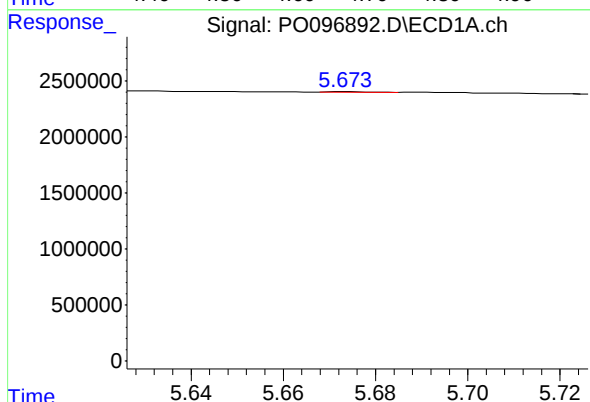
R.T.: 5.531 min  
Delta R.T.: -0.060 min  
Response: 3007731  
Conc: 35.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



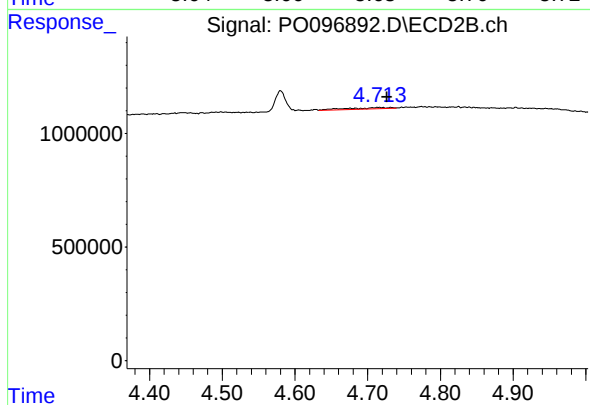
#16 AR-1242-1

R.T.: 4.721 min  
Delta R.T.: 0.013 min  
Response: 241736  
Conc: 6.13 ng/ml



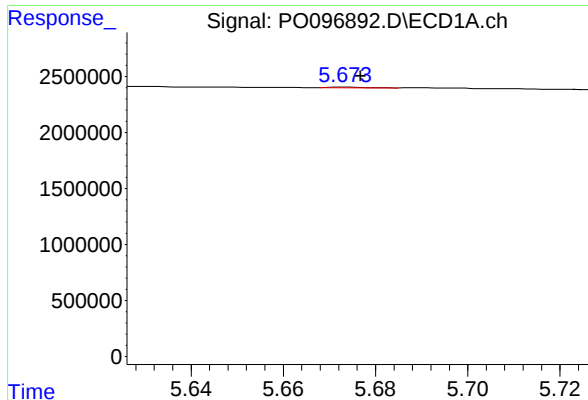
#17 AR-1242-2

R.T.: 5.674 min  
Delta R.T.: 0.060 min  
Response: 28113  
Conc: 0.24 ng/ml



#17 AR-1242-2

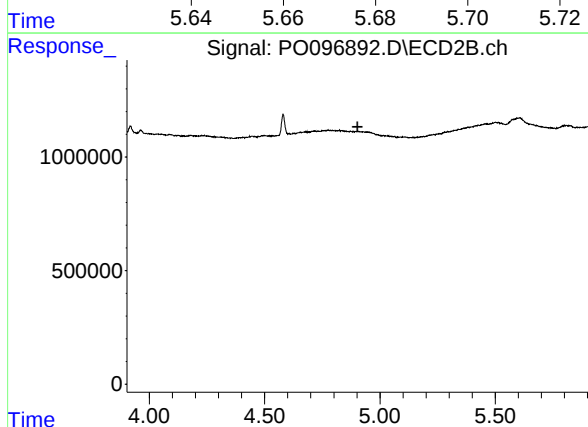
R.T.: 4.721 min  
Delta R.T.: -0.005 min  
Response: 241736  
Conc: 4.44 ng/ml



#18 AR-1242-3

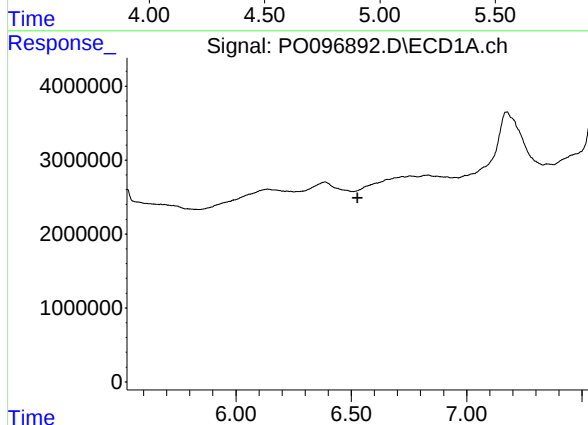
R.T.: 5.674 min  
Delta R.T.: -0.003 min  
Response: 28113  
Conc: 0.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



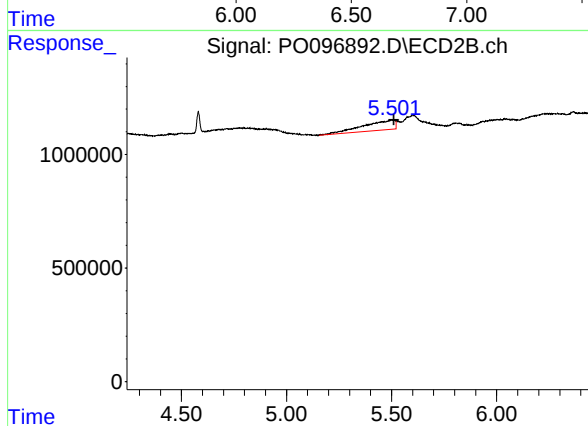
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.903 min  
Response: 0  
Conc: N.D.



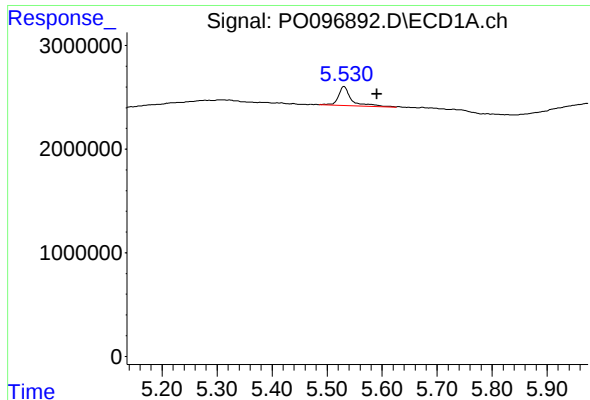
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 6.527 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

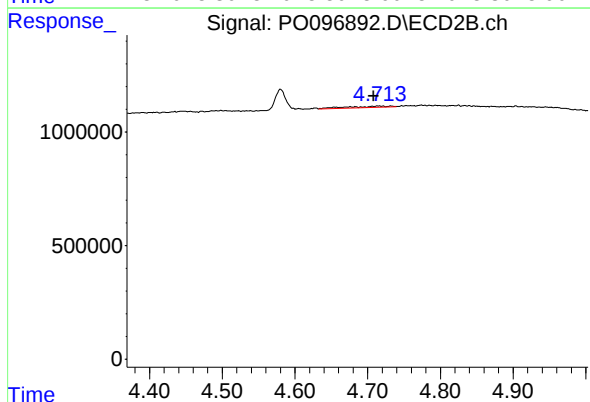
R.T.: 5.502 min  
Delta R.T.: -0.010 min  
Response: 4579241  
Conc: 125.68 ng/ml



#21 AR-1248-1

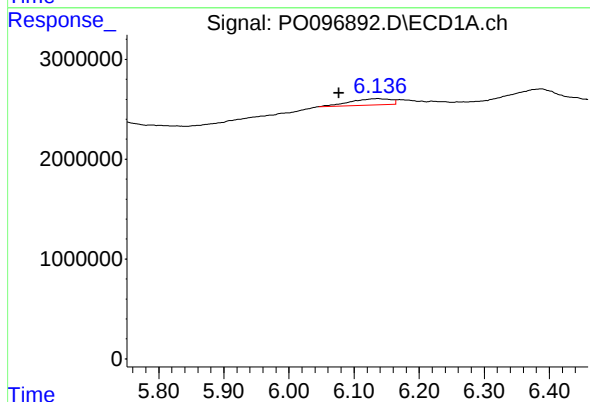
R.T.: 5.531 min  
Delta R.T.: -0.060 min  
Response: 3007731  
Conc: 51.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



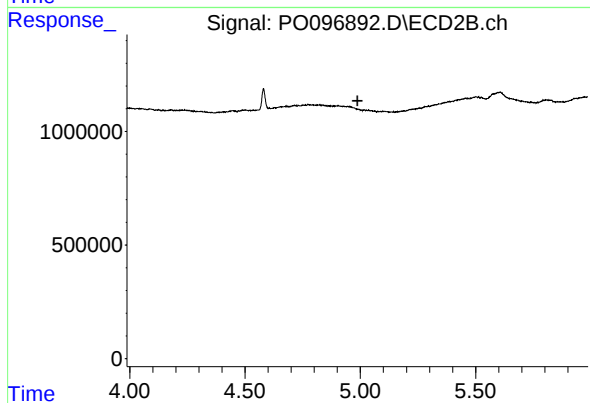
#21 AR-1248-1

R.T.: 4.721 min  
Delta R.T.: 0.013 min  
Response: 241736  
Conc: 8.61 ng/ml



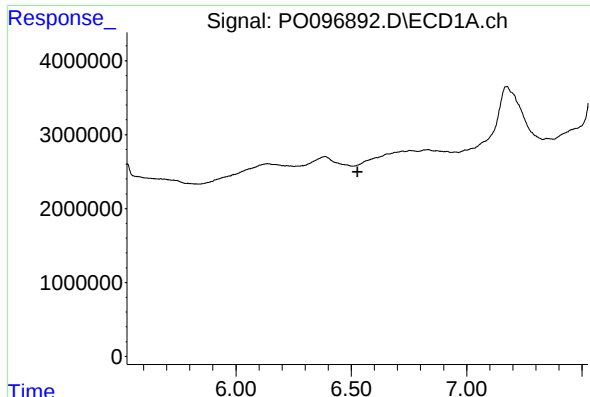
#23 AR-1248-3

R.T.: 6.136 min  
Delta R.T.: 0.059 min  
Response: 2710143  
Conc: 27.71 ng/ml



#23 AR-1248-3

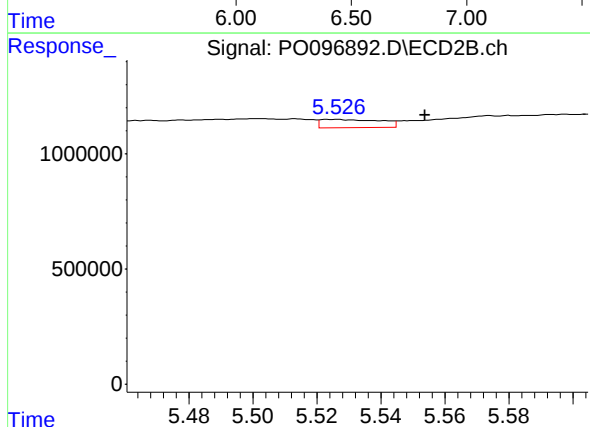
R.T.: 0.000 min  
Exp R.T.: 4.987 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

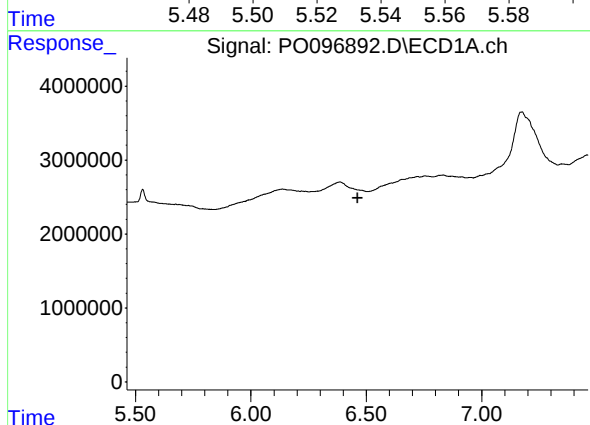
R.T.: 0.000 min  
Exp R.T.: 6.527 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



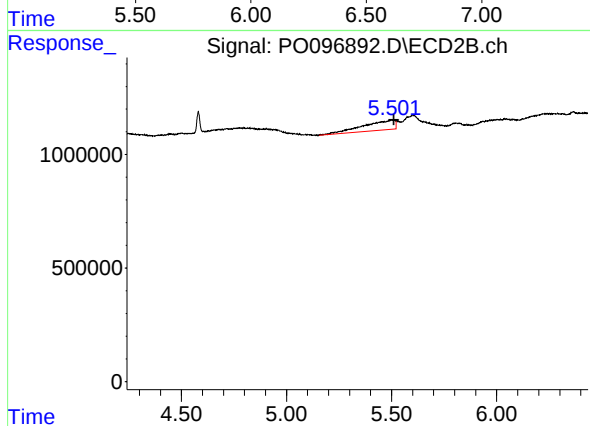
#25 AR-1248-5

R.T.: 5.525 min  
Delta R.T.: -0.028 min  
Response: 466923  
Conc: 9.99 ng/ml



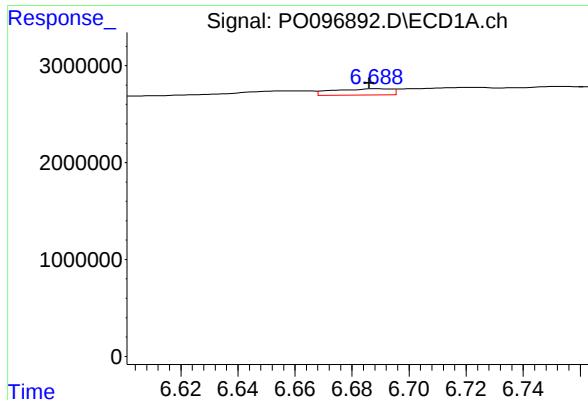
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 6.463 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

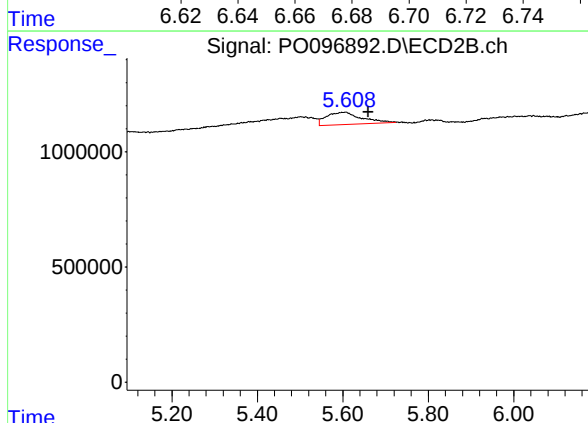
R.T.: 5.502 min  
Delta R.T.: -0.010 min  
Response: 4579241  
Conc: 62.05 ng/ml



#27 AR-1254-2

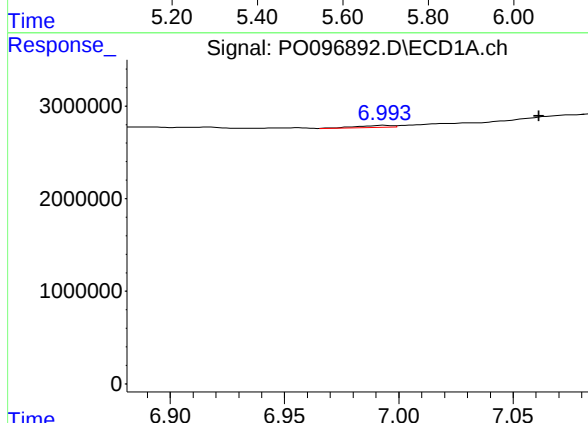
R.T.: 6.689 min  
Delta R.T.: 0.003 min  
Response: 925149  
Conc: 5.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



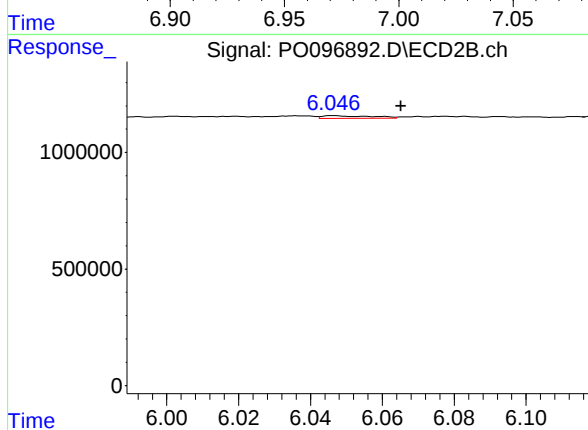
#27 AR-1254-2

R.T.: 5.607 min  
Delta R.T.: -0.052 min  
Response: 2988731  
Conc: 45.37 ng/ml



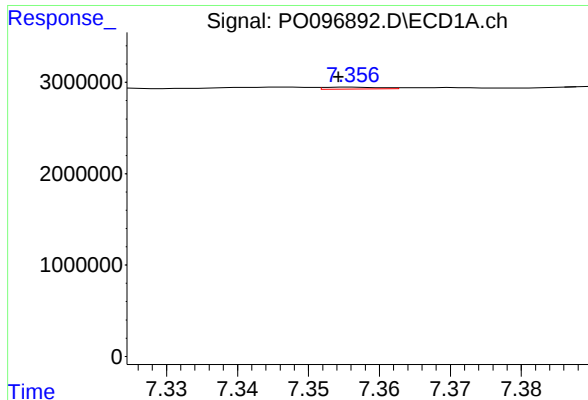
#28 AR-1254-3

R.T.: 6.993 min  
Delta R.T.: -0.068 min  
Response: 246134  
Conc: 1.57 ng/ml



#28 AR-1254-3

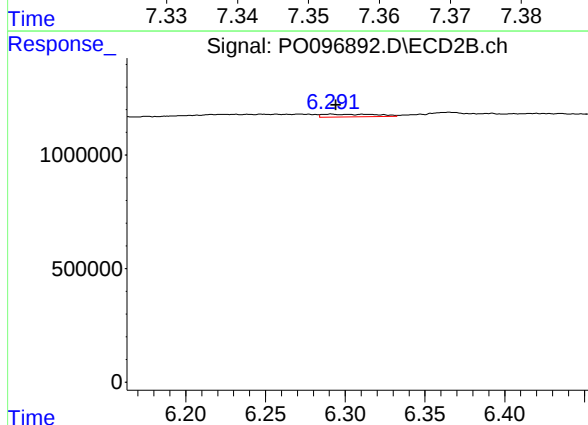
R.T.: 6.047 min  
Delta R.T.: -0.019 min  
Response: 114373  
Conc: 1.13 ng/ml



#29 AR-1254-4

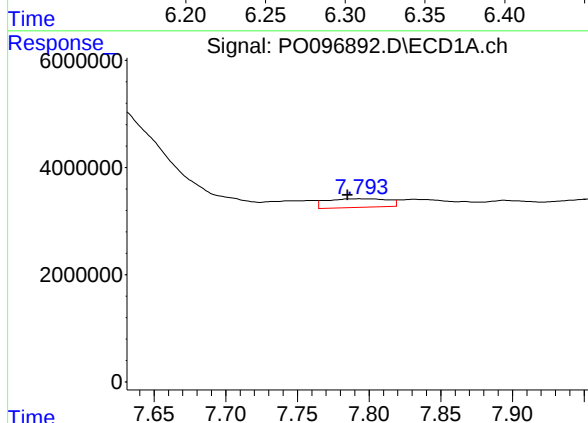
R.T.: 7.356 min  
Delta R.T.: 0.002 min  
Response: 118208  
Conc: 1.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



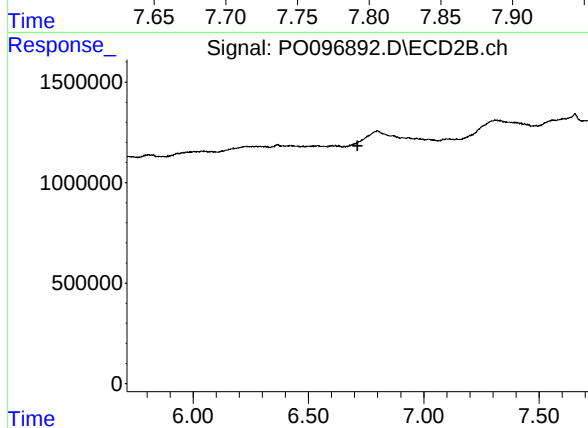
#29 AR-1254-4

R.T.: 6.291 min  
Delta R.T.: -0.003 min  
Response: 286244  
Conc: 4.95 ng/ml



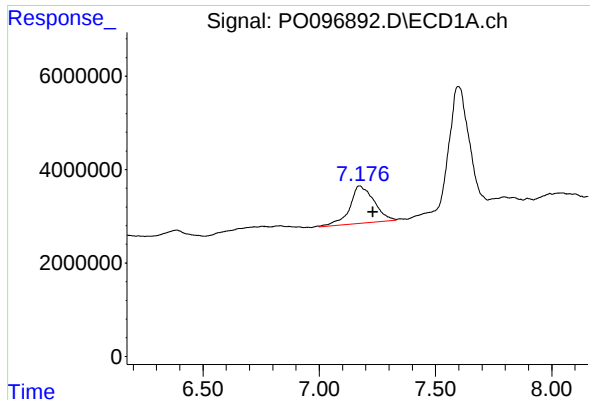
#30 AR-1254-5

R.T.: 7.794 min  
Delta R.T.: 0.009 min  
Response: 4852496  
Conc: 43.24 ng/ml



#30 AR-1254-5

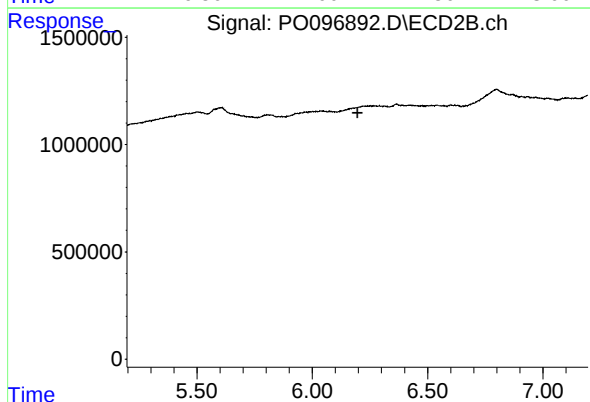
R.T.: 0.000 min  
Exp R.T.: 6.713 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

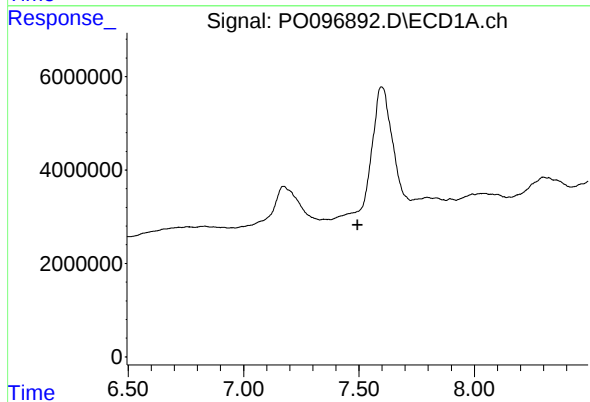
R.T.: 7.176 min  
Delta R.T.: -0.054 min  
Response: 58234794  
Conc: 463.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



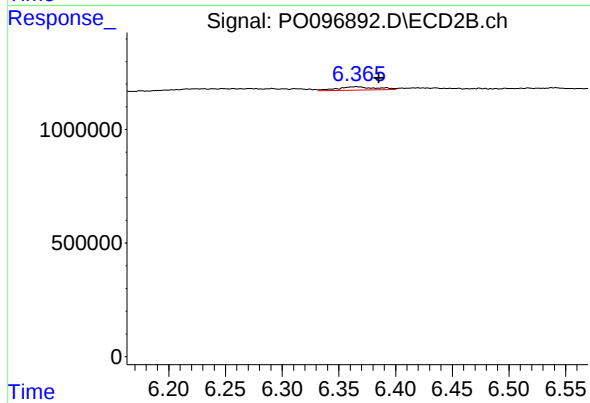
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.196 min  
Response: 0  
Conc: N.D.



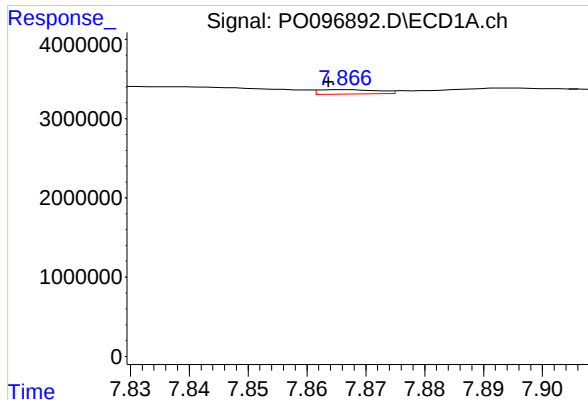
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 7.493 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

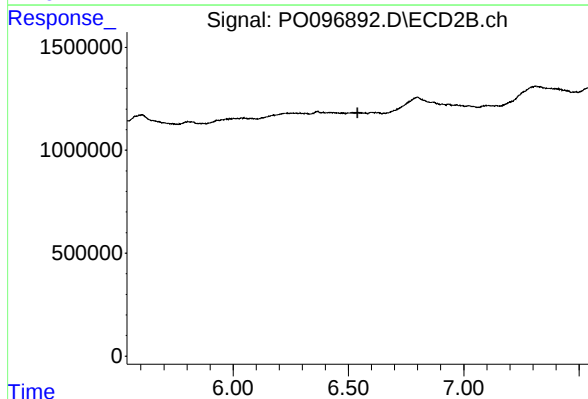
R.T.: 6.365 min  
Delta R.T.: -0.020 min  
Response: 349130  
Conc: 4.18 ng/ml



#33 AR-1260-3

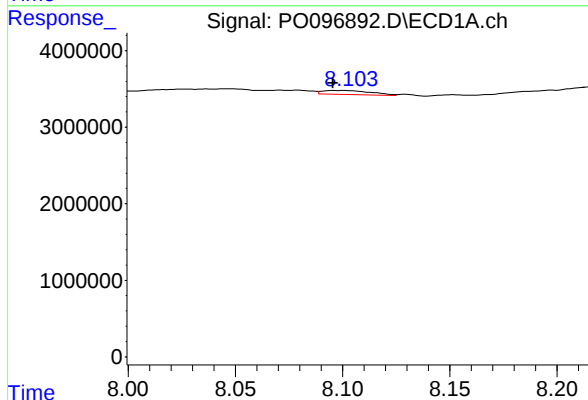
R.T.: 7.867 min  
Delta R.T.: 0.003 min  
Response: 394378  
Conc: 3.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



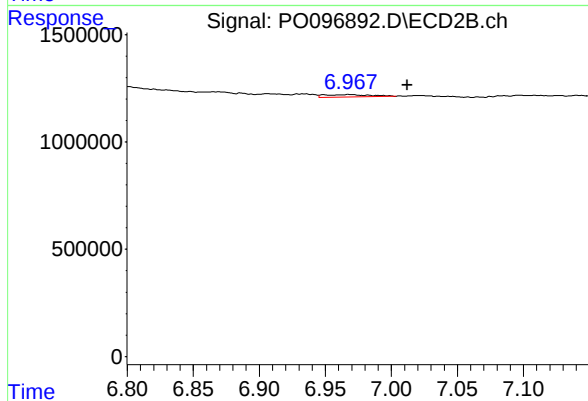
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 6.539 min  
Response: 0  
Conc: N.D.



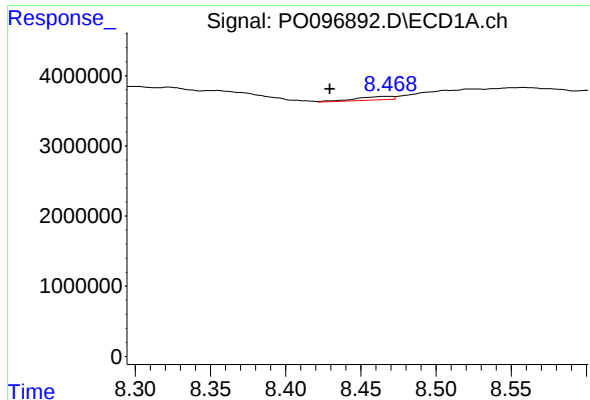
#34 AR-1260-4

R.T.: 8.101 min  
Delta R.T.: 0.005 min  
Response: 812639  
Conc: 7.27 ng/ml



#34 AR-1260-4

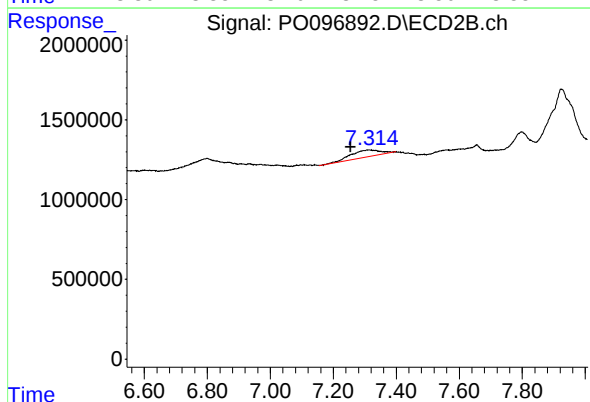
R.T.: 6.968 min  
Delta R.T.: -0.044 min  
Response: 278709  
Conc: 4.35 ng/ml



#35 AR-1260-5

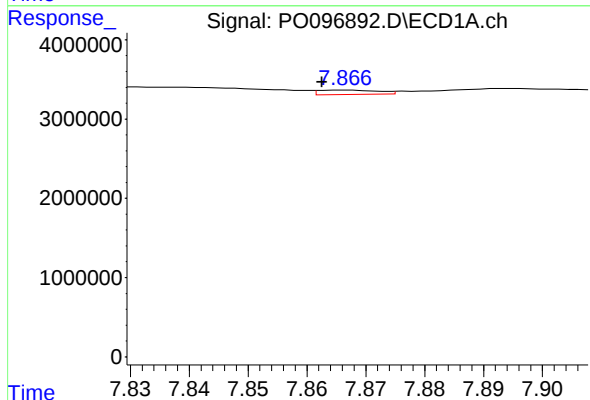
R.T.: 8.468 min  
Delta R.T.: 0.038 min  
Response: 828655  
Conc: 3.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



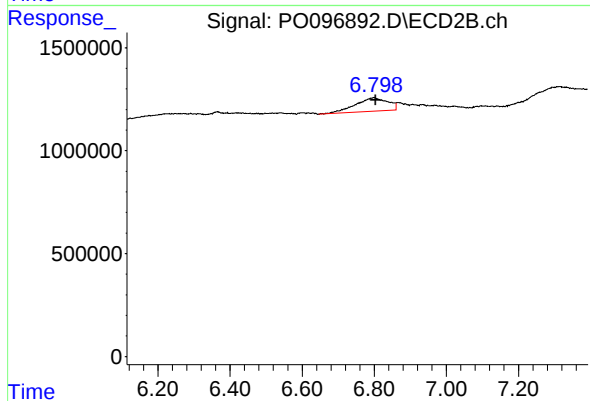
#35 AR-1260-5

R.T.: 7.313 min  
Delta R.T.: 0.058 min  
Response: 2923078  
Conc: 21.08 ng/ml



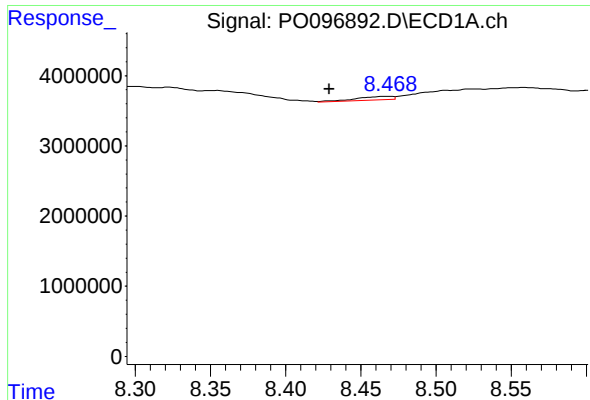
#36 AR-1262-1

R.T.: 7.867 min  
Delta R.T.: 0.004 min  
Response: 394378  
Conc: 2.66 ng/ml



#36 AR-1262-1

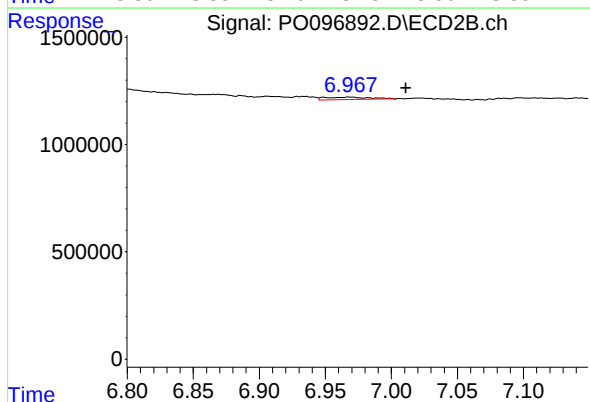
R.T.: 6.799 min  
Delta R.T.: -0.005 min  
Response: 4089768  
Conc: 103.88 ng/ml



#37 AR-1262-2

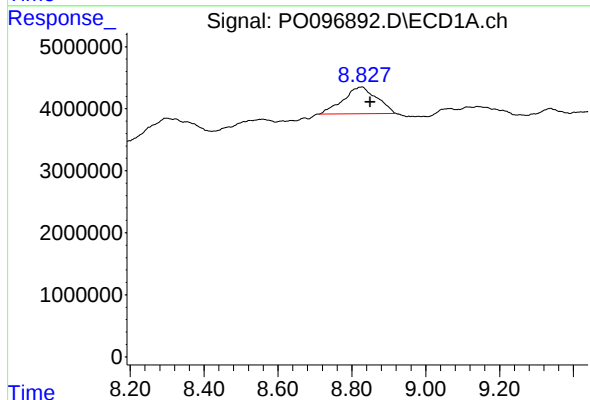
R.T.: 8.468 min  
Delta R.T.: 0.039 min  
Response: 828655  
Conc: 3.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



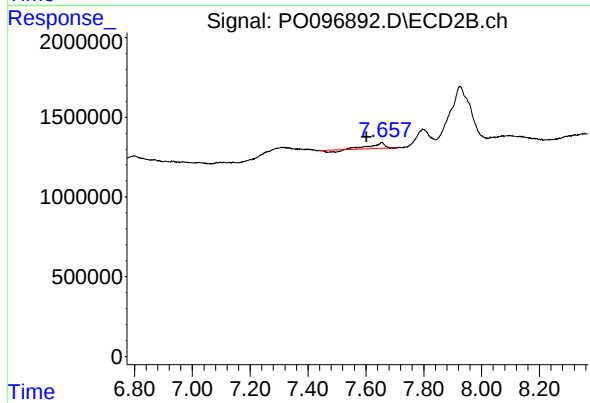
#37 AR-1262-2

R.T.: 6.968 min  
Delta R.T.: -0.043 min  
Response: 278709  
Conc: 3.44 ng/ml



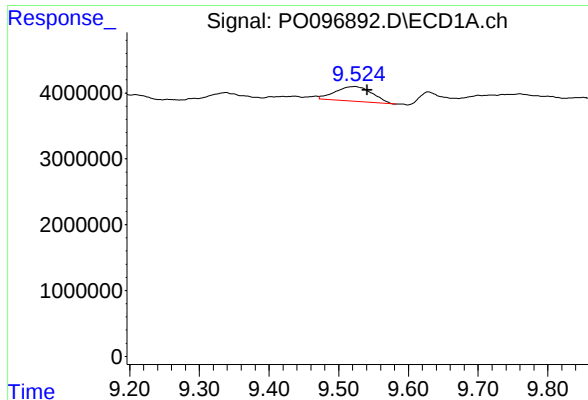
#39 AR-1262-4

R.T.: 8.828 min  
Delta R.T.: -0.022 min  
Response: 27305406  
Conc: 374.52 ng/ml



#39 AR-1262-4

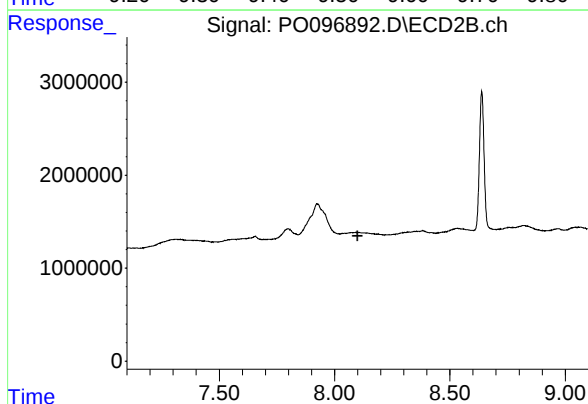
R.T.: 7.655 min  
Delta R.T.: 0.052 min  
Response: 1025610  
Conc: 9.03 ng/ml



#40 AR-1262-5

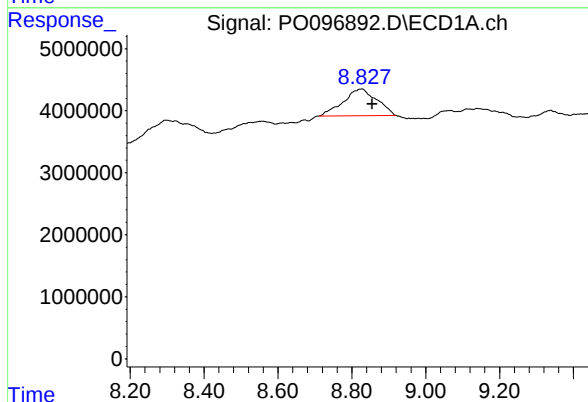
R.T.: 9.524 min  
Delta R.T.: -0.017 min  
Response: 8205781  
Conc: 98.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



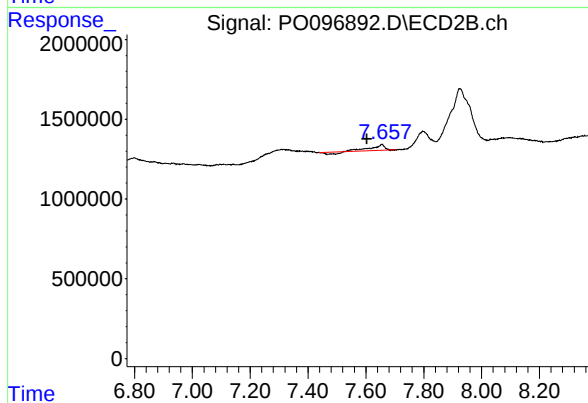
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 8.099 min  
Response: 0  
Conc: N.D.



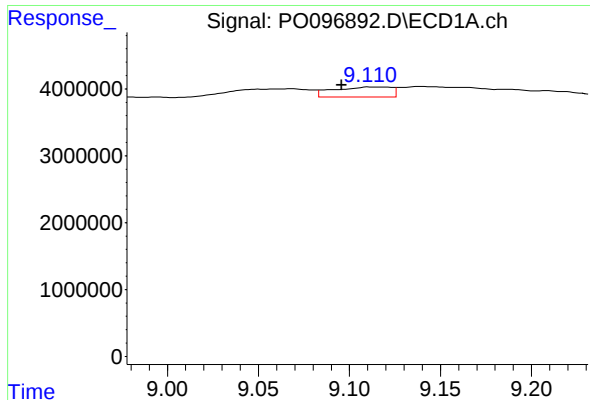
#42 AR-1268-2

R.T.: 8.828 min  
Delta R.T.: -0.027 min  
Response: 27305406  
Conc: 99.58 ng/ml



#42 AR-1268-2

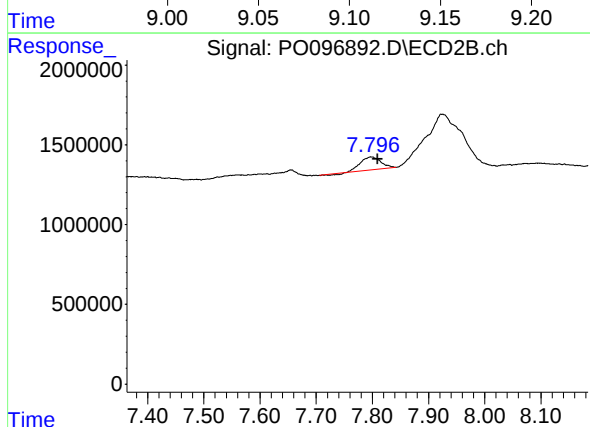
R.T.: 7.655 min  
Delta R.T.: 0.051 min  
Response: 1025610  
Conc: 6.12 ng/ml



#43 AR-1268-3

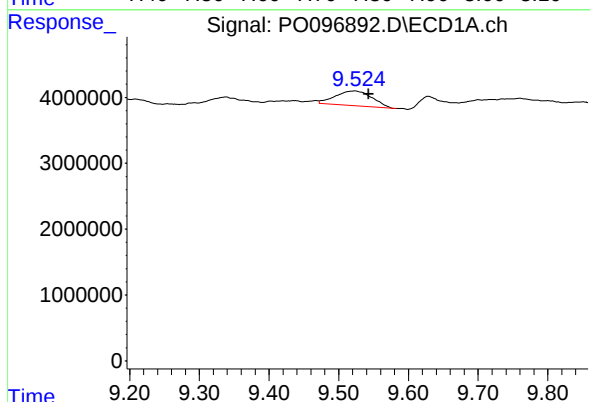
R.T.: 9.111 min  
Delta R.T.: 0.016 min  
Response: 3318322  
Conc: 12.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



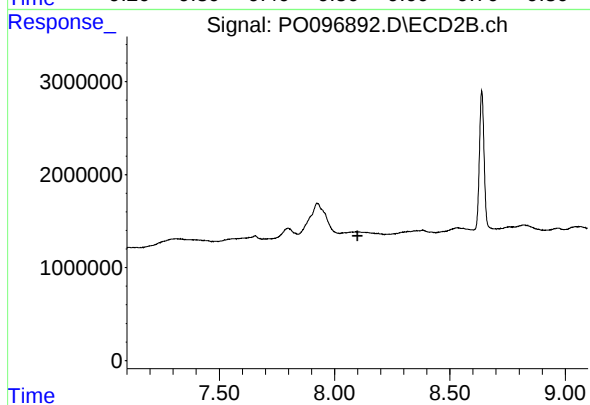
#43 AR-1268-3

R.T.: 7.798 min  
Delta R.T.: -0.011 min  
Response: 2000404  
Conc: 13.85 ng/ml



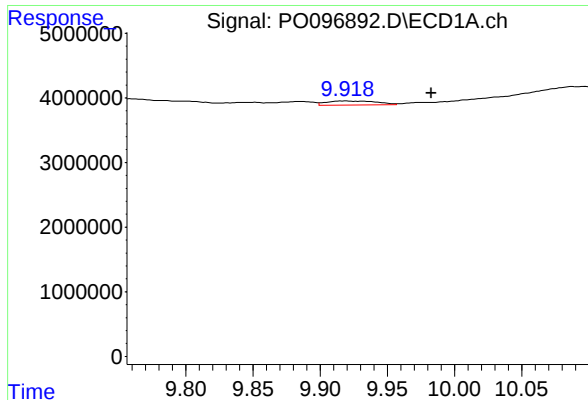
#44 AR-1268-4

R.T.: 9.524 min  
Delta R.T.: -0.019 min  
Response: 8205781  
Conc: 88.51 ng/ml



#44 AR-1268-4

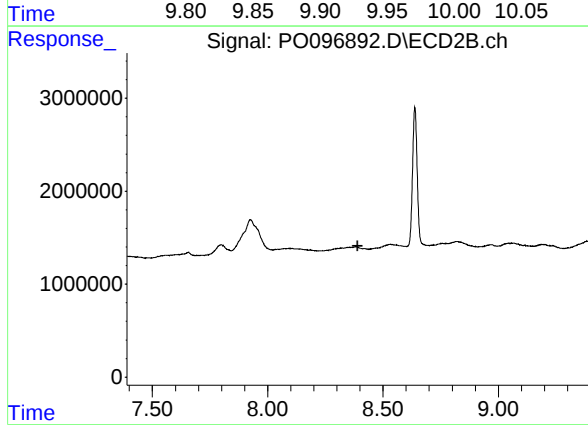
R.T.: 0.000 min  
Exp R.T. : 8.100 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.919 min  
Delta R.T.: -0.064 min  
Response: 1658380  
Conc: 2.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PB154722BL



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.390 min  
Response: 0  
Conc: N.D.