

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0080522\  
 Data File : P0088584.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2022 10:12  
 Operator : YP/AJ  
 Sample : N3980-07  
 Misc : AR1221 LOD 25 PPB  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 02:16:00 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\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... | 4.437  | 3.595  | 59961050 | 22315044 | 22.230 | 20.618  |
| 2)                          | SA Decachlor... | 10.278 | 8.590  | 43822909 | 26244159 | 22.710 | 21.655  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 3)                          | L1 AR-1016-1    | 5.616  | 4.690  | 181293   | 151284   | 2.249  | 4.059 # |
| 4)                          | L1 AR-1016-2    | 5.637  | 4.690  | 318230   | 151284   | 2.759  | 2.902   |
| 5)                          | L1 AR-1016-3    | 5.699  | 0.000  | 286836   | 0        | 3.969  | N.D. #  |
| 8)                          | L2 AR-1221-1    | 4.647  | 3.807  | 1292465  | 399752   | 41.697 | 33.405  |
| 9)                          | L2 AR-1221-2    | 4.743  | 3.892  | 1483196  | 552384   | 64.152 | 61.158  |
| 10)                         | L2 AR-1221-3    | 4.810  | 3.968  | 2437056  | 905920   | 34.728 | 31.879  |
| 11)                         | L3 AR-1232-1    | 4.810  | 3.968  | 2437056  | 905920   | 43.873 | 40.009  |
| 12)                         | L3 AR-1232-2    | 5.145  | 4.690  | 264651   | 151284   | 9.545  | 6.552 # |
| 13)                         | L3 AR-1232-3    | 5.637  | 0.000  | 318230   | 0        | 6.238  | N.D. #  |
| 15)                         | L3 AR-1232-5    | 5.885  | 0.000  | 140652   | 0        | 6.834  | N.D. #  |
| 16)                         | L4 AR-1242-1    | 5.616  | 4.690  | 181293   | 151284   | 2.697  | 4.934 # |
| 17)                         | L4 AR-1242-2    | 5.637  | 4.690  | 318230   | 151284   | 3.297  | 3.511   |
| 18)                         | L4 AR-1242-3    | 5.699  | 0.000  | 286836   | 0        | 4.752  | N.D. #  |
| 20)                         | L4 AR-1242-5    | 6.503f | 0.000  | 107497   | 0        | 2.071  | N.D. #  |
| 21)                         | L5 AR-1248-1    | 5.616  | 4.690  | 181293   | 151284   | 3.514  | 6.443 # |
| 22)                         | L5 AR-1248-2    | 5.885  | 0.000  | 140652   | 0        | 1.832  | N.D. #  |
| 24)                         | L5 AR-1248-4    | 6.503  | 0.000  | 107497   | 0        | 1.197  | N.D. #  |
| 25)                         | L5 AR-1248-5    | 6.503f | 0.000  | 107497   | 0        | 1.213  | N.D. #  |
| 26)                         | L6 AR-1254-1    | 6.475  | 0.000  | 440155   | 0        | 4.818  | N.D. #  |
| 27)                         | L6 AR-1254-2    | 6.689  | 0.000  | 391647   | 0        | 2.864  | N.D. #  |
| 28)                         | L6 AR-1254-3    | 7.065  | 6.066f | 938431   | 192991   | 6.668  | 2.075 # |
| 29)                         | L6 AR-1254-4    | 7.346  | 6.294f | 136010   | 114877   | 1.346  | 2.028 # |
| 30)                         | L6 AR-1254-5    | 7.775  | 0.000  | 75935    | 0        | 0.713  | N.D. #  |
| 31)                         | L7 AR-1260-1    | 7.224  | 6.184  | 50750    | 335487   | 0.491  | 5.279 # |
| 32)                         | L7 AR-1260-2    | 7.498  | 6.329  | 201399   | 295678   | 1.704  | 3.859 # |
| 33)                         | L7 AR-1260-3    | 7.850  | 0.000  | 393089   | 0        | 4.475  | N.D. #  |
| 34)                         | L7 AR-1260-4    | 8.123f | 6.987  | 453132   | 75658    | 4.627  | 1.240 # |
| 36)                         | L8 AR-1262-1    | 7.850  | 0.000  | 393089   | 0        | 3.102  | N.D. #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.430f | 0        | 30752    | N.D.   | 0.499 # |
| 39)                         | L8 AR-1262-4    | 8.828  | 0.000  | 504640   | 0        | 7.655  | N.D. #  |
| 40)                         | L8 AR-1262-5    | 9.490  | 7.993f | 929997   | 451537   | 11.599 | 8.410 # |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.430f | 0        | 30752    | N.D.   | 0.174 # |
| 42)                         | L9 AR-1268-2    | 8.828  | 0.000  | 504640   | 0        | 2.218  | N.D. #  |
| 43)                         | L9 AR-1268-3    | 9.067  | 7.766  | 107064   | 202338   | 0.546  | 1.467 # |
| 44)                         | L9 AR-1268-4    | 9.490  | 7.993f | 929997   | 451537   | 10.680 | 7.801 # |
| 45)                         | L9 AR-1268-5    | 9.917  | 8.340  | 347045   | 2352876  | 0.555  | 5.769 # |
| -----                       |                 |        |        |          |          |        |         |

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

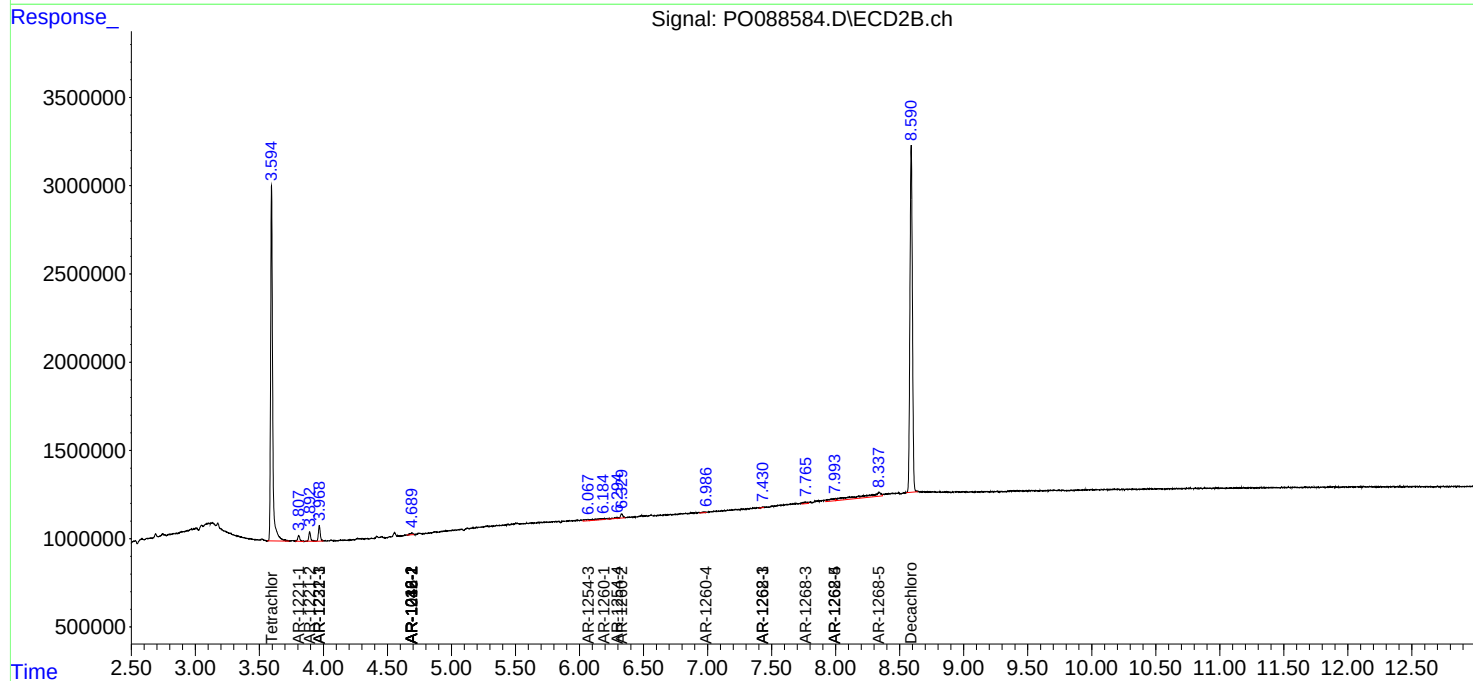
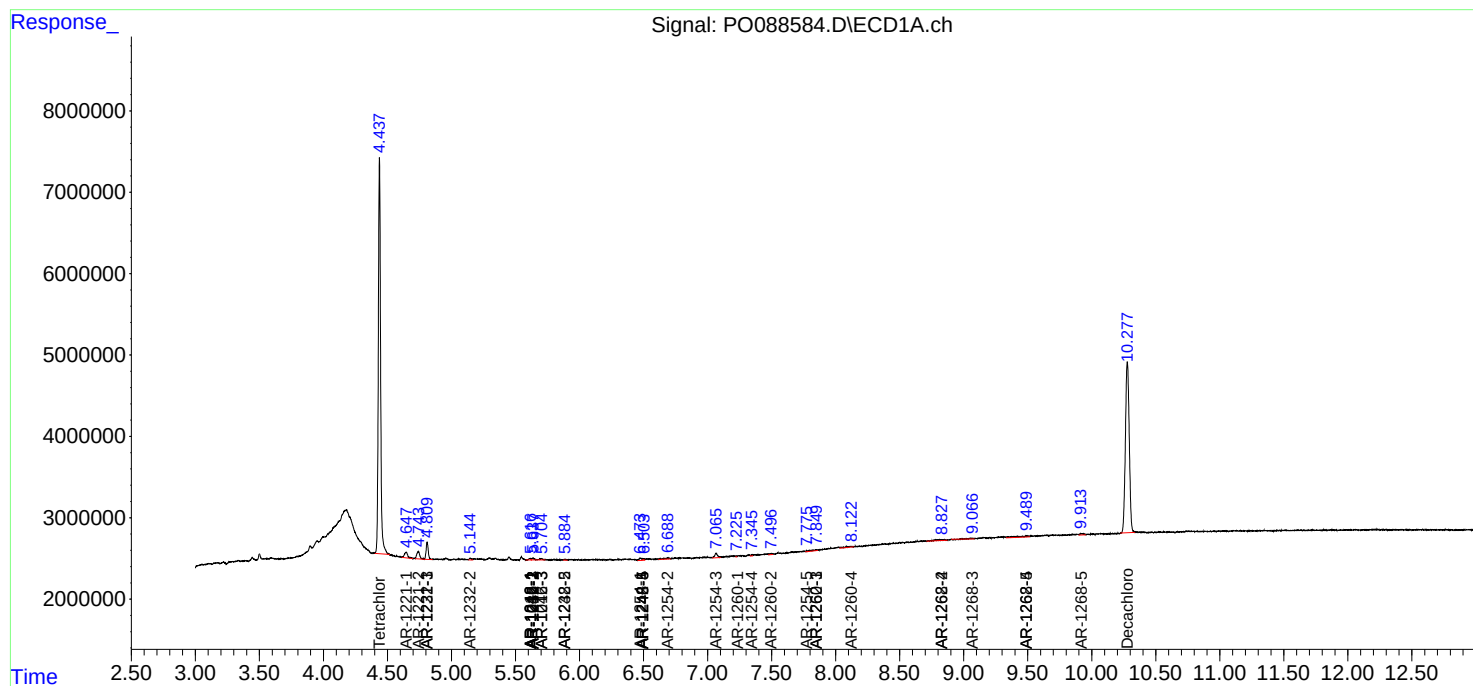
Instrument :  
ECD\_O  
ClientSampleId :

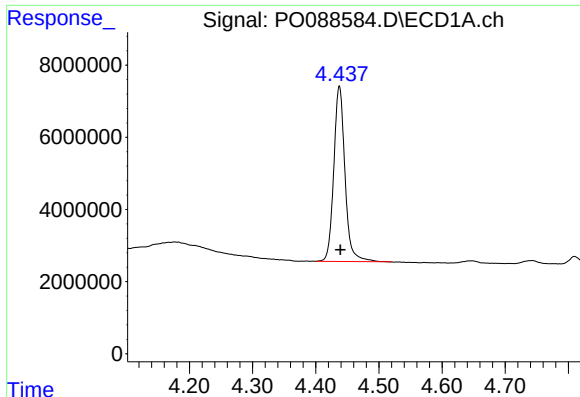
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO080522\  
Data File : PO088584.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Aug 2022 10:12  
Operator : YP/AJ  
Sample : N3980-07  
Misc : AR1221 LOD 25 PPB  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 06 02:16:00 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

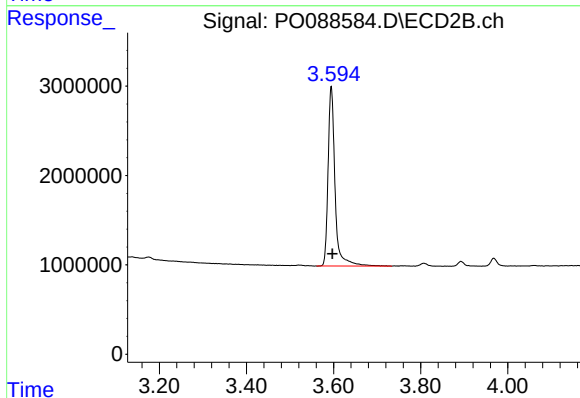




#1 Tetrachloro-m-xylene

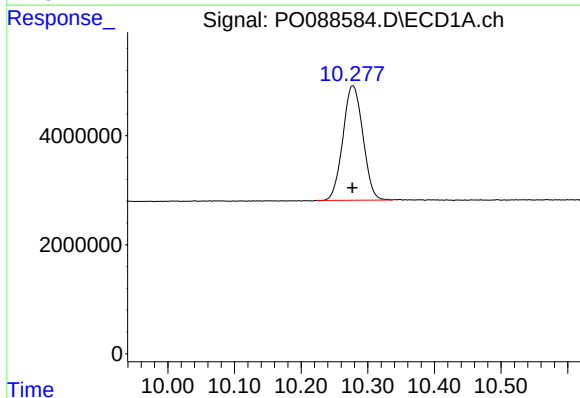
R.T.: 4.437 min  
Delta R.T.: -0.002 min  
Response: 59961050  
Conc: 22.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



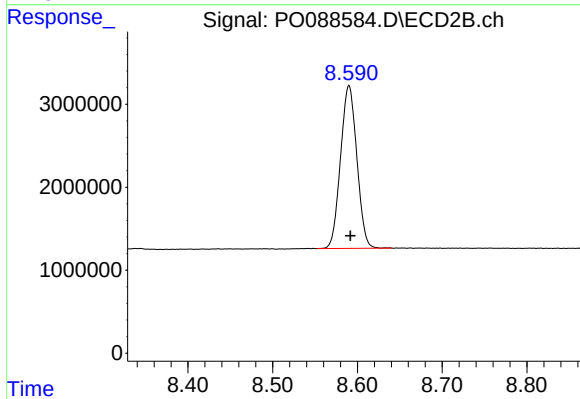
#1 Tetrachloro-m-xylene

R.T.: 3.595 min  
Delta R.T.: -0.003 min  
Response: 22315044  
Conc: 20.62 ng/ml



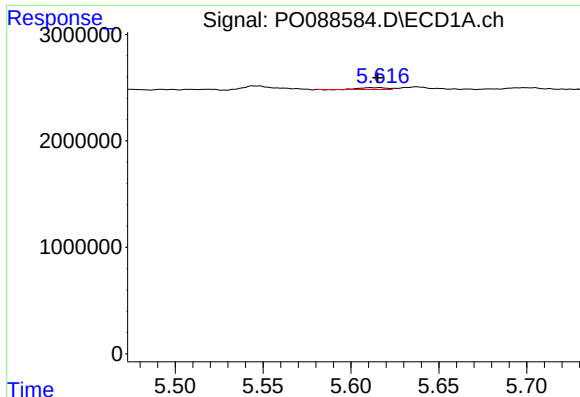
#2 Decachlorobiphenyl

R.T.: 10.278 min  
Delta R.T.: 0.000 min  
Response: 43822909  
Conc: 22.71 ng/ml



#2 Decachlorobiphenyl

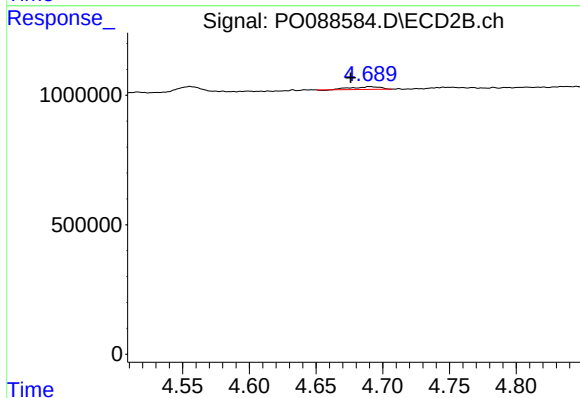
R.T.: 8.590 min  
Delta R.T.: -0.002 min  
Response: 26244159  
Conc: 21.66 ng/ml



#3 AR-1016-1

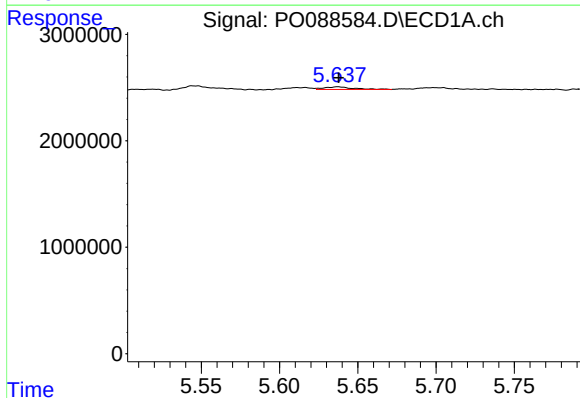
R.T.: 5.616 min  
Delta R.T.: 0.001 min  
Response: 181293  
Conc: 2.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



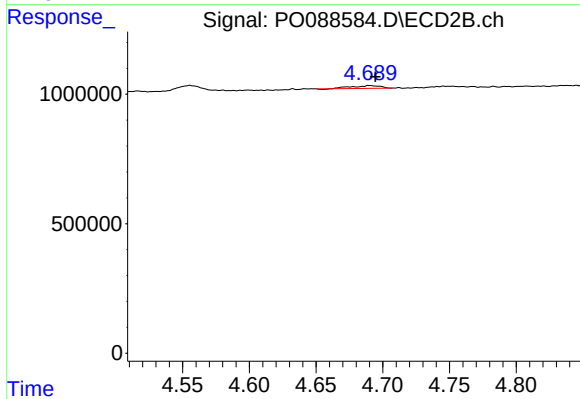
#3 AR-1016-1

R.T.: 4.690 min  
Delta R.T.: 0.014 min  
Response: 151284  
Conc: 4.06 ng/ml



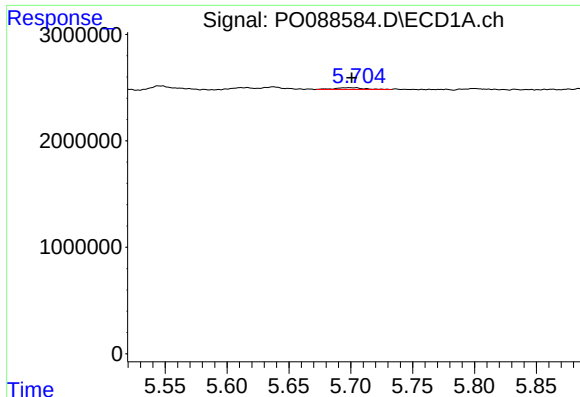
#4 AR-1016-2

R.T.: 5.637 min  
Delta R.T.: 0.000 min  
Response: 318230  
Conc: 2.76 ng/ml



#4 AR-1016-2

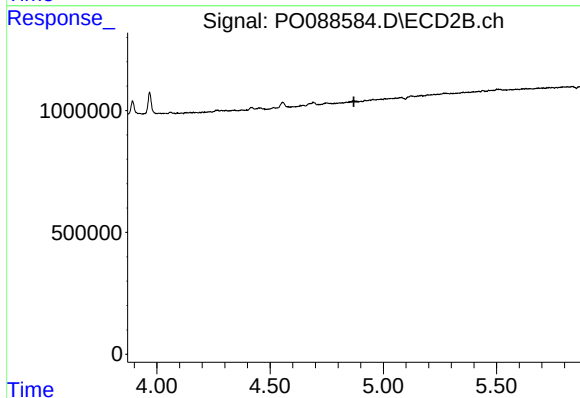
R.T.: 4.690 min  
Delta R.T.: -0.004 min  
Response: 151284  
Conc: 2.90 ng/ml



#5 AR-1016-3

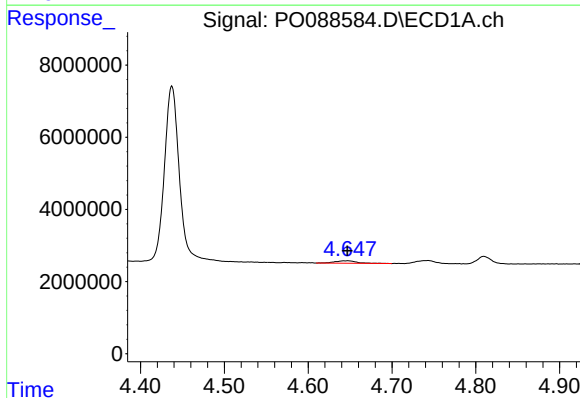
R.T.: 5.699 min  
Delta R.T.: -0.002 min  
Response: 286836  
Conc: 3.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



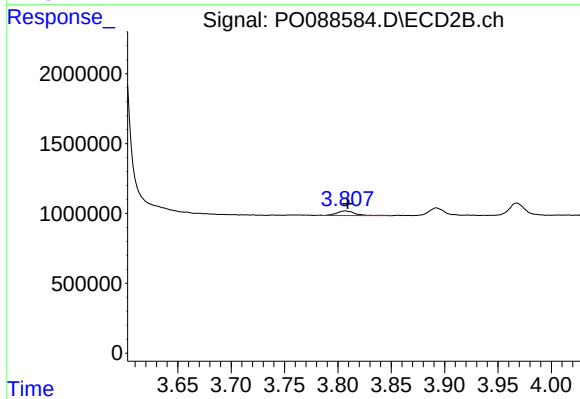
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.870 min  
Response: 0  
Conc: N.D.



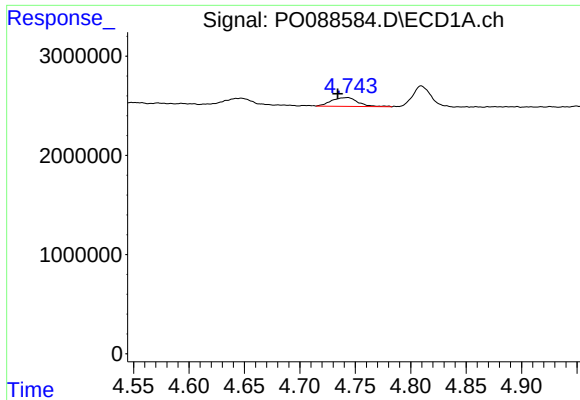
#8 AR-1221-1

R.T.: 4.647 min  
Delta R.T.: 0.000 min  
Response: 1292465  
Conc: 41.70 ng/ml



#8 AR-1221-1

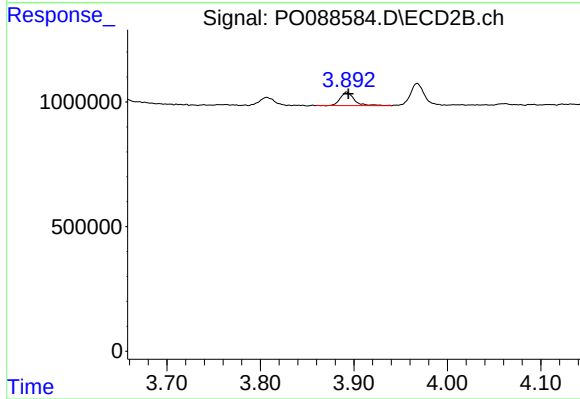
R.T.: 3.807 min  
Delta R.T.: -0.002 min  
Response: 399752  
Conc: 33.40 ng/ml



#9 AR-1221-2

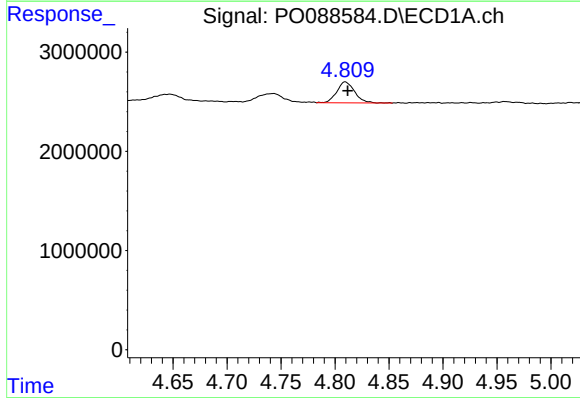
R.T.: 4.743 min  
Delta R.T.: 0.009 min  
Response: 1483196  
Conc: 64.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



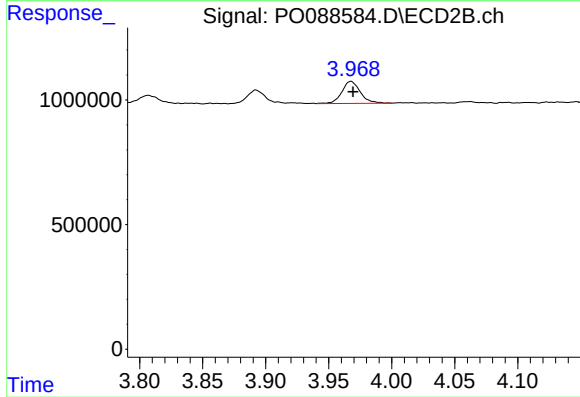
#9 AR-1221-2

R.T.: 3.892 min  
Delta R.T.: -0.002 min  
Response: 552384  
Conc: 61.16 ng/ml



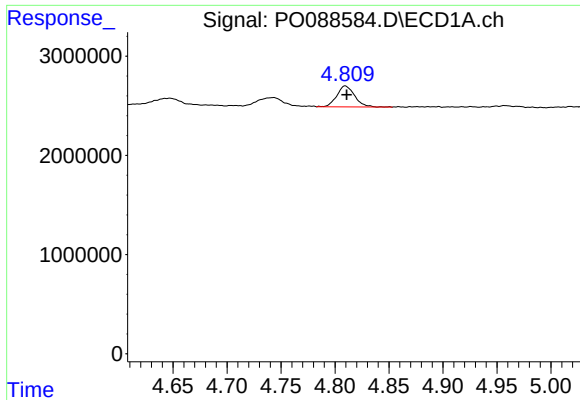
#10 AR-1221-3

R.T.: 4.810 min  
Delta R.T.: -0.002 min  
Response: 2437056  
Conc: 34.73 ng/ml



#10 AR-1221-3

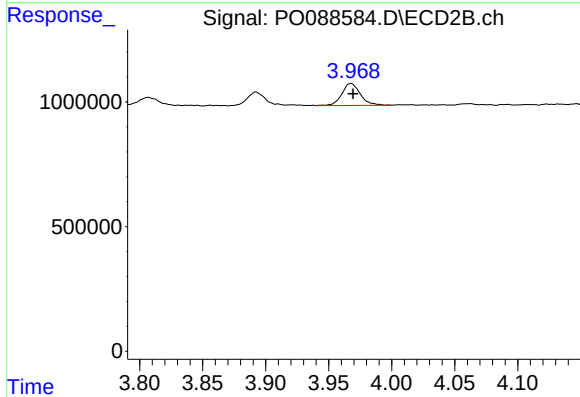
R.T.: 3.968 min  
Delta R.T.: -0.002 min  
Response: 905920  
Conc: 31.88 ng/ml



#11 AR-1232-1

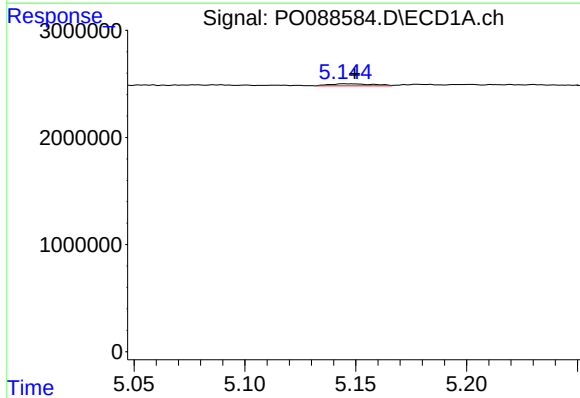
R.T.: 4.810 min  
Delta R.T.: -0.001 min  
Response: 2437056  
Conc: 43.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



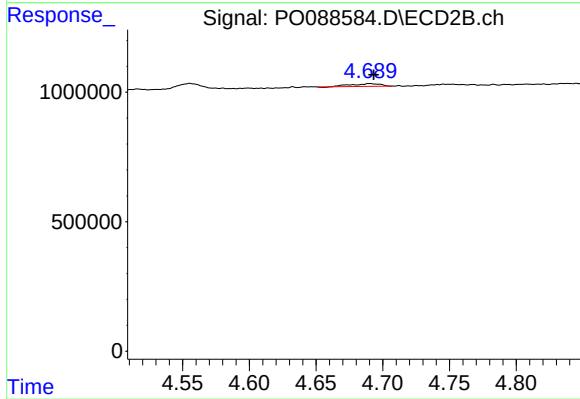
#11 AR-1232-1

R.T.: 3.968 min  
Delta R.T.: -0.002 min  
Response: 905920  
Conc: 40.01 ng/ml



#12 AR-1232-2

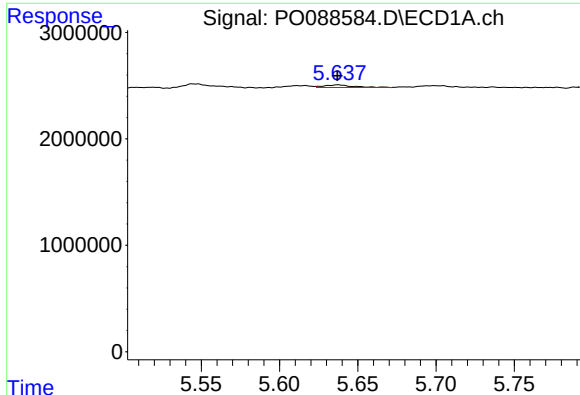
R.T.: 5.145 min  
Delta R.T.: -0.004 min  
Response: 264651  
Conc: 9.55 ng/ml



#12 AR-1232-2

R.T.: 4.690 min  
Delta R.T.: -0.003 min  
Response: 151284  
Conc: 6.55 ng/ml

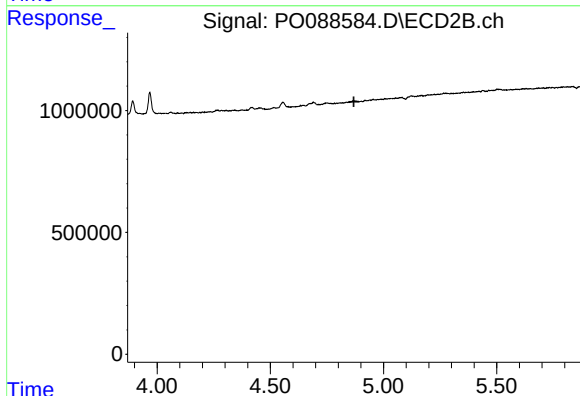




#13 AR-1232-3

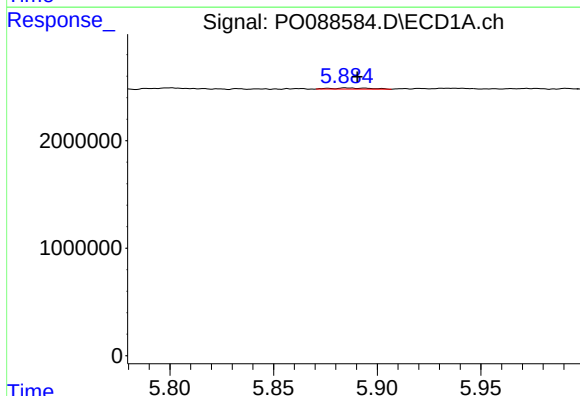
R.T.: 5.637 min  
Delta R.T.: 0.000 min  
Response: 318230  
Conc: 6.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



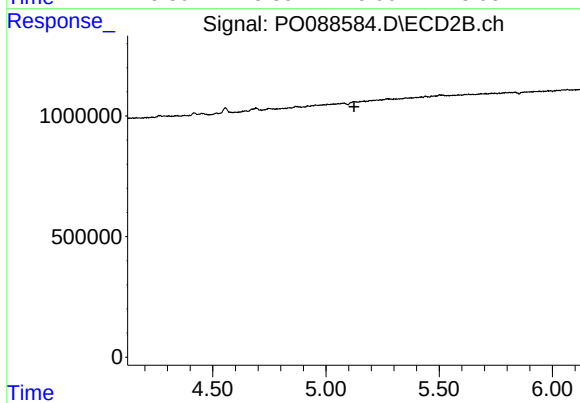
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.869 min  
Response: 0  
Conc: N.D.



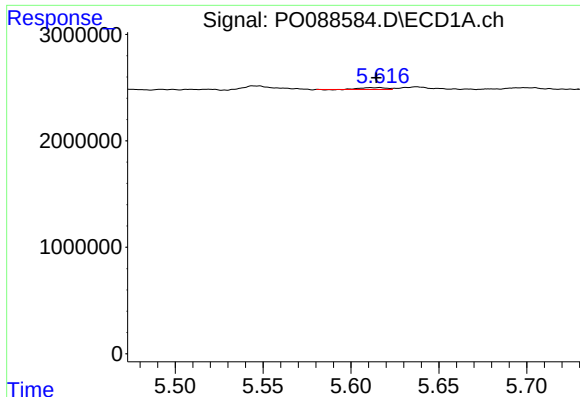
#15 AR-1232-5

R.T.: 5.885 min  
Delta R.T.: -0.006 min  
Response: 140652  
Conc: 6.83 ng/ml



#15 AR-1232-5

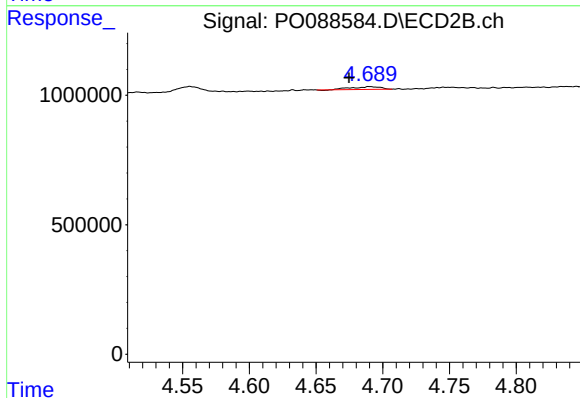
R.T.: 0.000 min  
Exp R.T. : 5.124 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

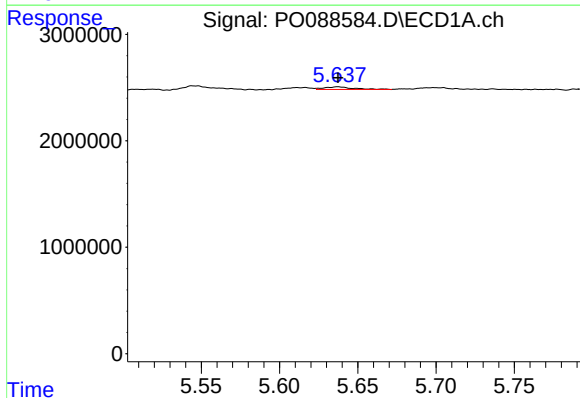
R.T.: 5.616 min  
Delta R.T.: 0.002 min  
Response: 181293  
Conc: 2.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



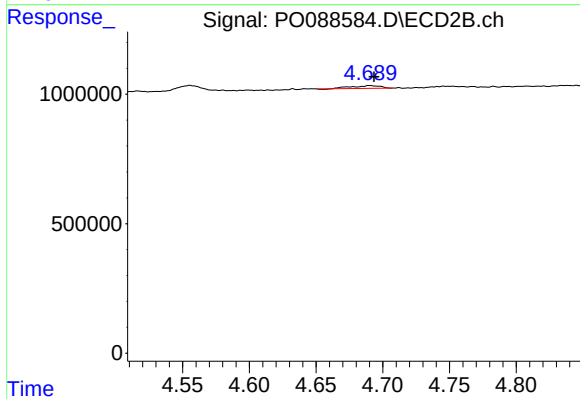
#16 AR-1242-1

R.T.: 4.690 min  
Delta R.T.: 0.016 min  
Response: 151284  
Conc: 4.93 ng/ml



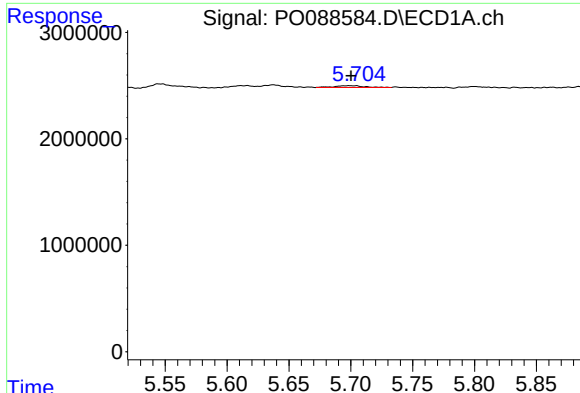
#17 AR-1242-2

R.T.: 5.637 min  
Delta R.T.: 0.000 min  
Response: 318230  
Conc: 3.30 ng/ml



#17 AR-1242-2

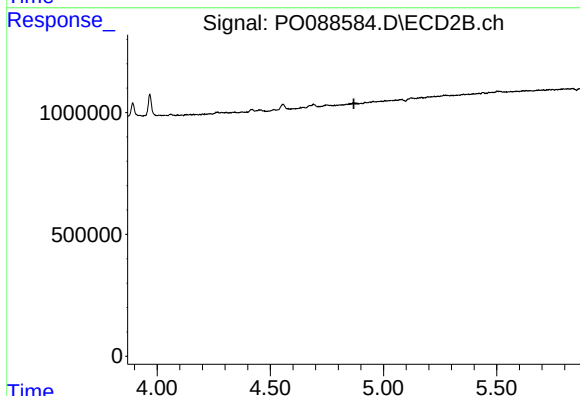
R.T.: 4.690 min  
Delta R.T.: -0.003 min  
Response: 151284  
Conc: 3.51 ng/ml



#18 AR-1242-3

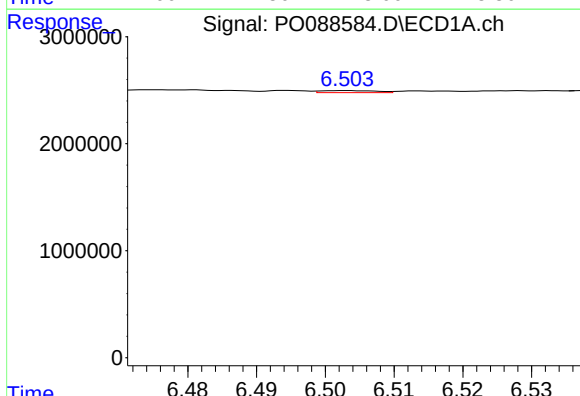
R.T.: 5.699 min  
Delta R.T.: -0.001 min  
Response: 286836  
Conc: 4.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



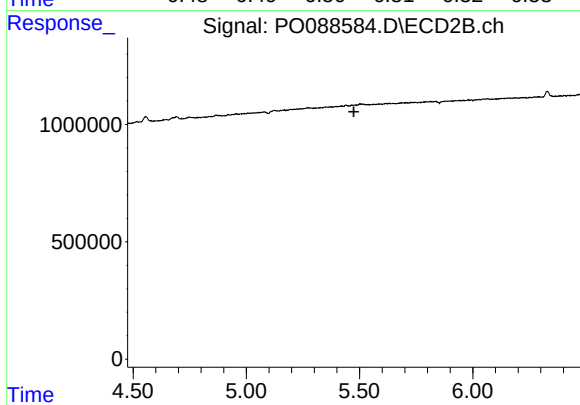
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.869 min  
Response: 0  
Conc: N.D.



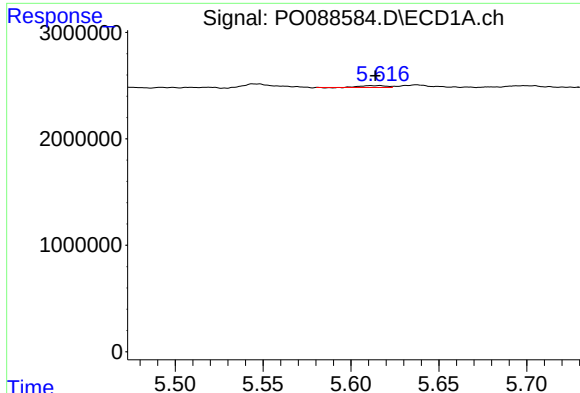
#20 AR-1242-5

R.T.: 6.503 min  
Delta R.T.: -0.037 min  
Response: 107497  
Conc: 2.07 ng/ml



#20 AR-1242-5

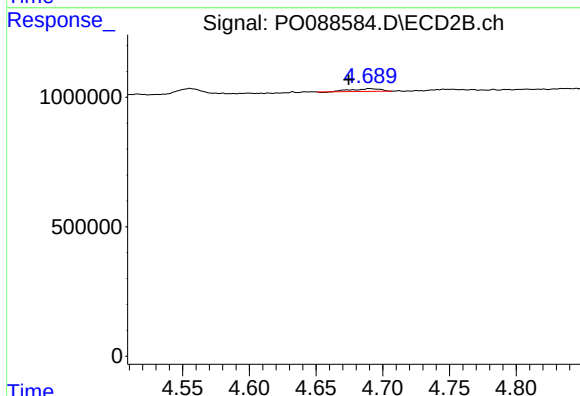
R.T.: 0.000 min  
Exp R.T. : 5.475 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

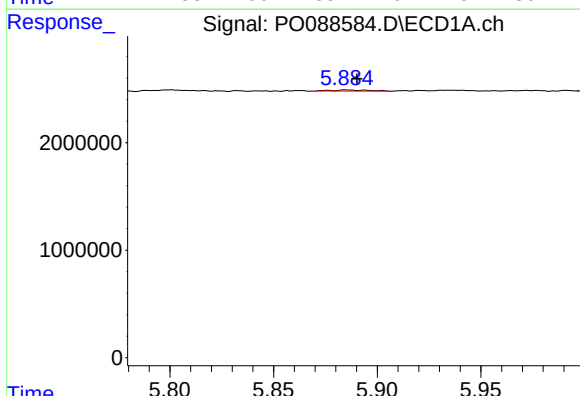
R.T.: 5.616 min  
Delta R.T.: 0.003 min  
Response: 181293  
Conc: 3.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



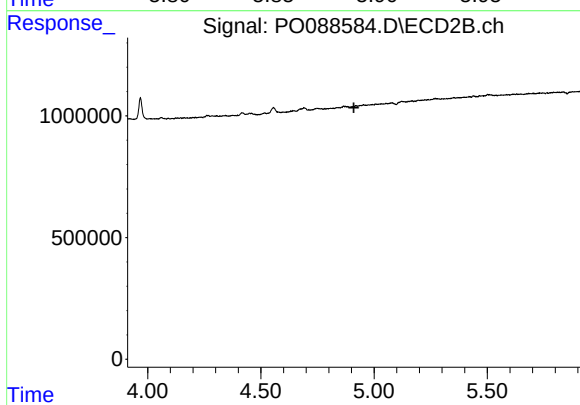
#21 AR-1248-1

R.T.: 4.690 min  
Delta R.T.: 0.016 min  
Response: 151284  
Conc: 6.44 ng/ml



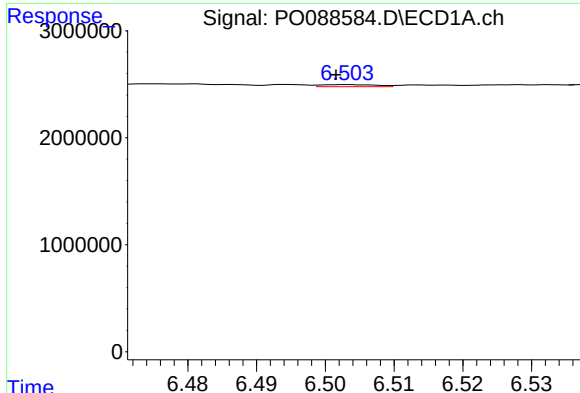
#22 AR-1248-2

R.T.: 5.885 min  
Delta R.T.: -0.005 min  
Response: 140652  
Conc: 1.83 ng/ml



#22 AR-1248-2

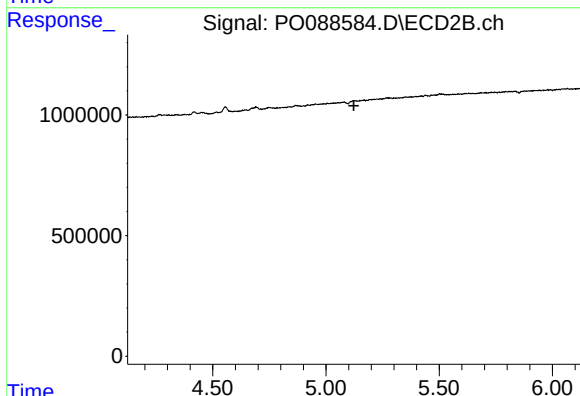
R.T.: 0.000 min  
Exp R.T. : 4.911 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

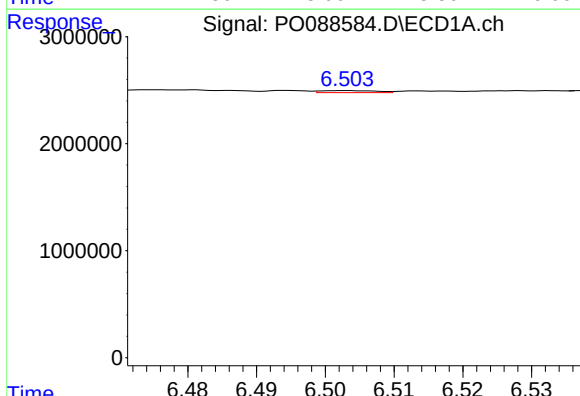
R.T.: 6.503 min  
Delta R.T.: 0.002 min  
Response: 107497  
Conc: 1.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



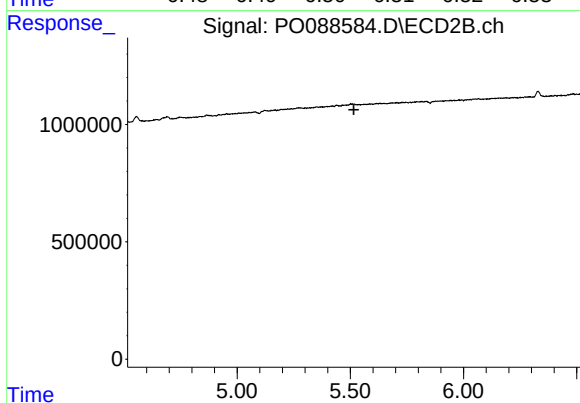
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.123 min  
Response: 0  
Conc: N.D.



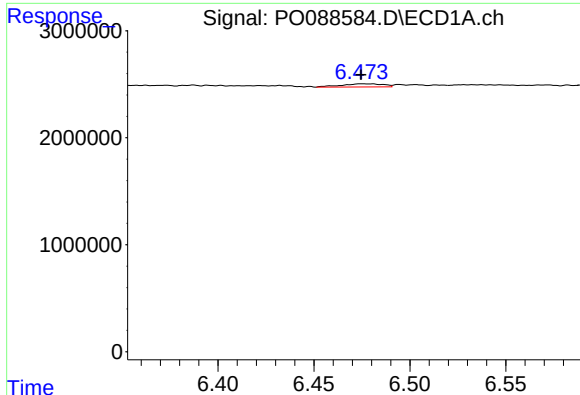
#25 AR-1248-5

R.T.: 6.503 min  
Delta R.T.: -0.038 min  
Response: 107497  
Conc: 1.21 ng/ml



#25 AR-1248-5

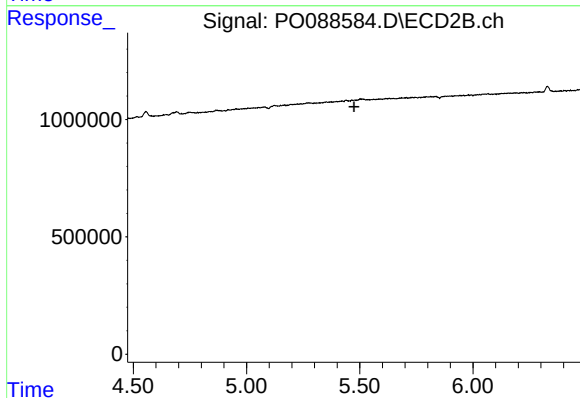
R.T.: 0.000 min  
Exp R.T. : 5.515 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

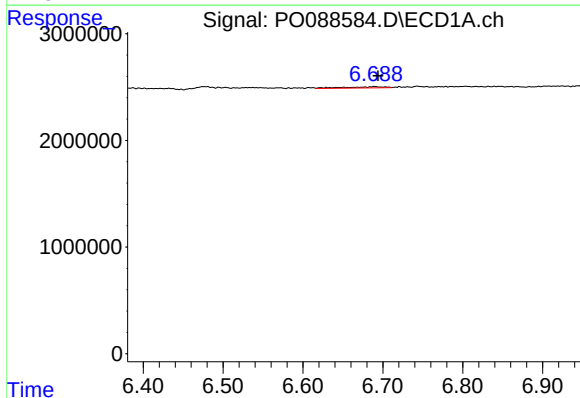
R.T.: 6.475 min  
Delta R.T.: 0.000 min  
Response: 440155  
Conc: 4.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



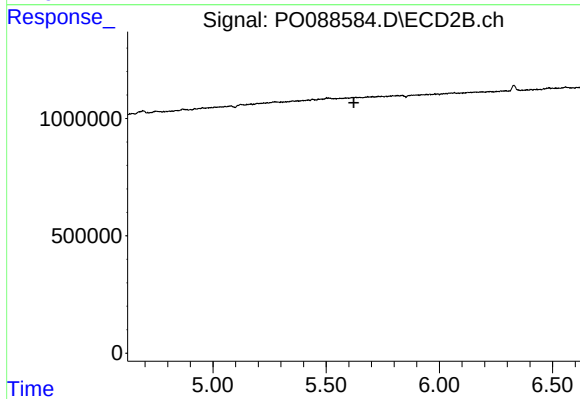
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 5.475 min  
Response: 0  
Conc: N.D.



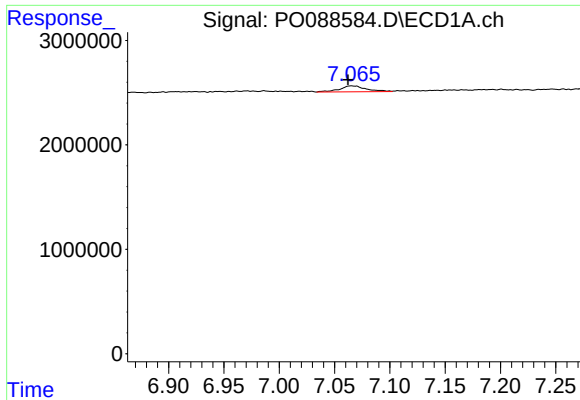
#27 AR-1254-2

R.T.: 6.689 min  
Delta R.T.: -0.005 min  
Response: 391647  
Conc: 2.86 ng/ml



#27 AR-1254-2

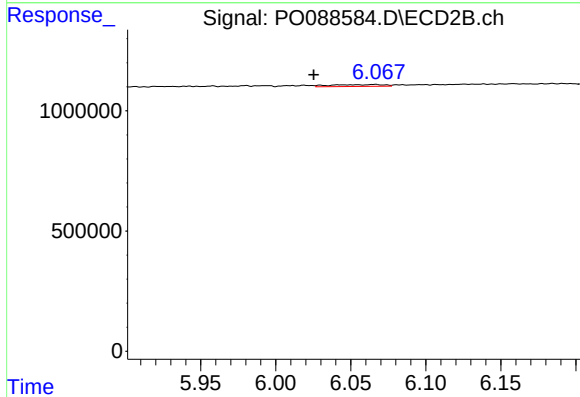
R.T.: 0.000 min  
Exp R.T. : 5.622 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

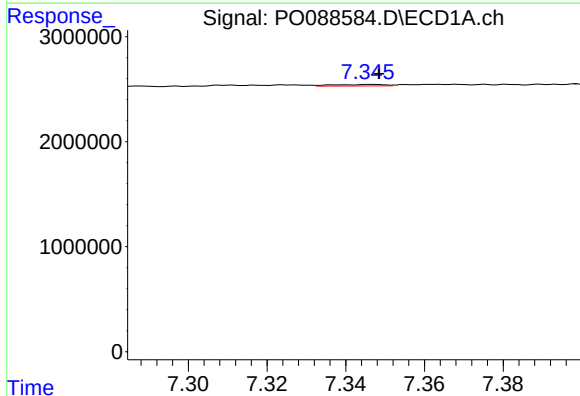
R.T.: 7.065 min  
Delta R.T.: 0.003 min  
Response: 938431  
Conc: 6.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



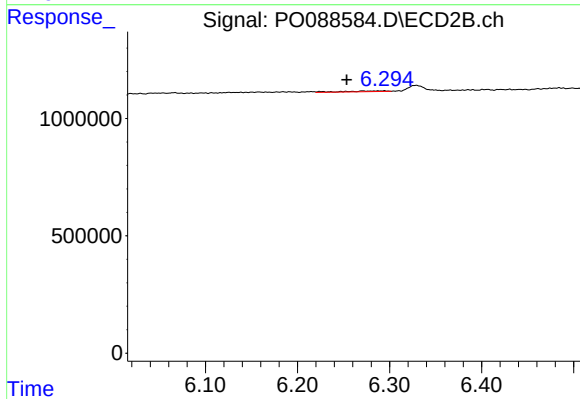
#28 AR-1254-3

R.T.: 6.066 min  
Delta R.T.: 0.041 min  
Response: 192991  
Conc: 2.08 ng/ml



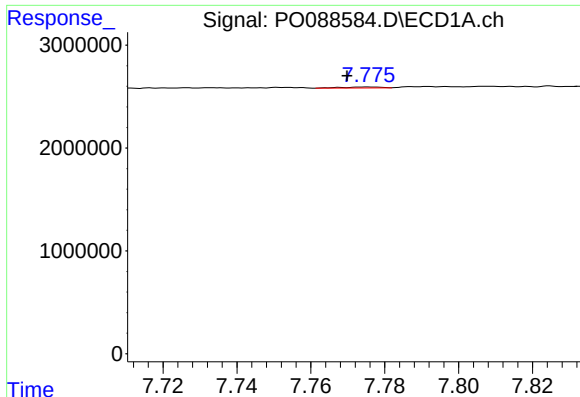
#29 AR-1254-4

R.T.: 7.346 min  
Delta R.T.: -0.002 min  
Response: 136010  
Conc: 1.35 ng/ml



#29 AR-1254-4

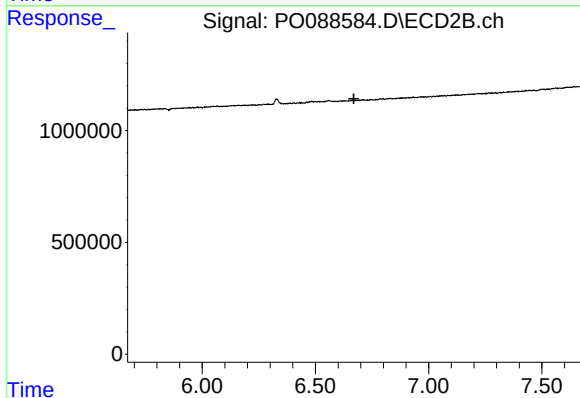
R.T.: 6.294 min  
Delta R.T.: 0.041 min  
Response: 114877  
Conc: 2.03 ng/ml



#30 AR-1254-5

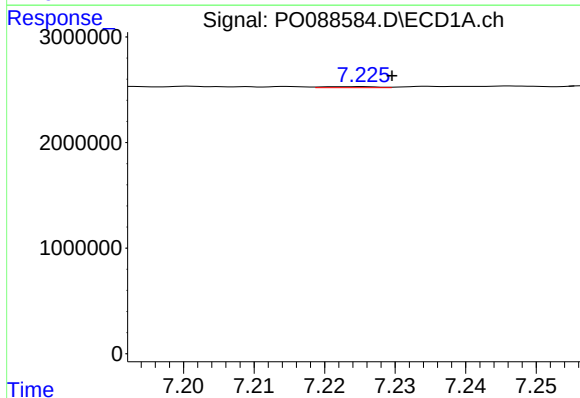
R.T.: 7.775 min  
Delta R.T.: 0.006 min  
Response: 75935  
Conc: 0.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



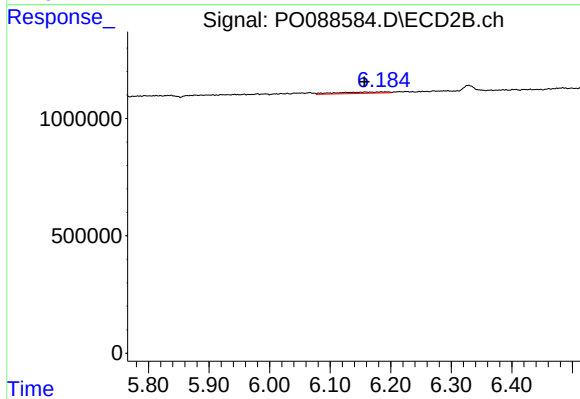
#30 AR-1254-5

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



#31 AR-1260-1

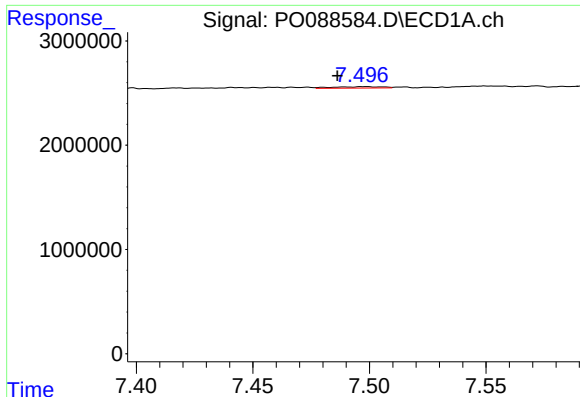
R.T.: 7.224 min  
Delta R.T.: -0.005 min  
Response: 50750  
Conc: 0.49 ng/ml



#31 AR-1260-1

R.T.: 6.184 min  
Delta R.T.: 0.028 min  
Response: 335487  
Conc: 5.28 ng/ml

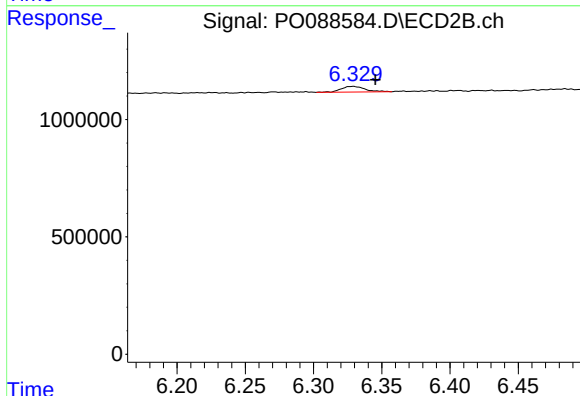




#32 AR-1260-2

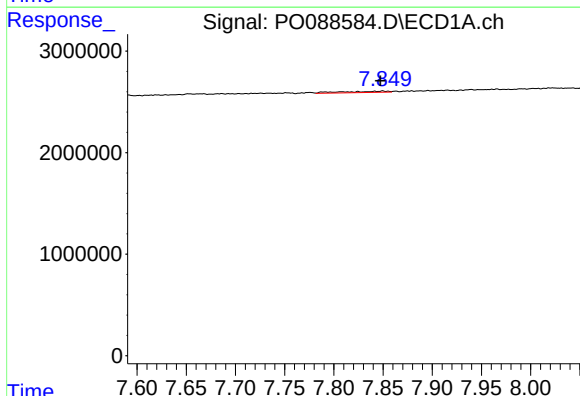
R.T.: 7.498 min  
Delta R.T.: 0.012 min  
Response: 201399  
Conc: 1.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



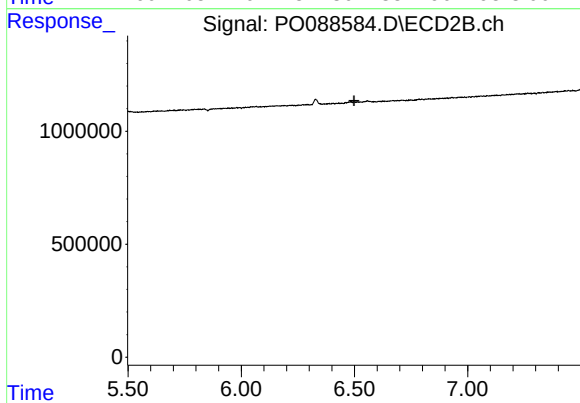
#32 AR-1260-2

R.T.: 6.329 min  
Delta R.T.: -0.017 min  
Response: 295678  
Conc: 3.86 ng/ml



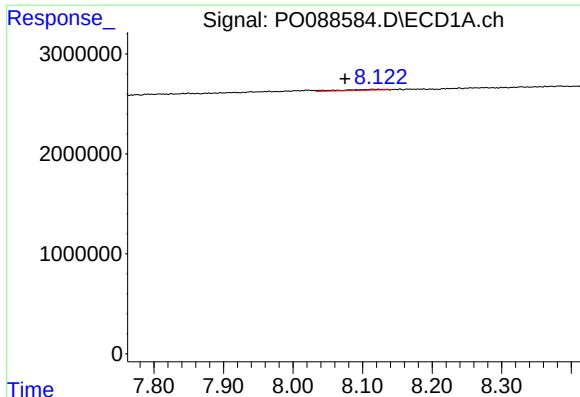
#33 AR-1260-3

R.T.: 7.850 min  
Delta R.T.: 0.002 min  
Response: 393089  
Conc: 4.47 ng/ml



#33 AR-1260-3

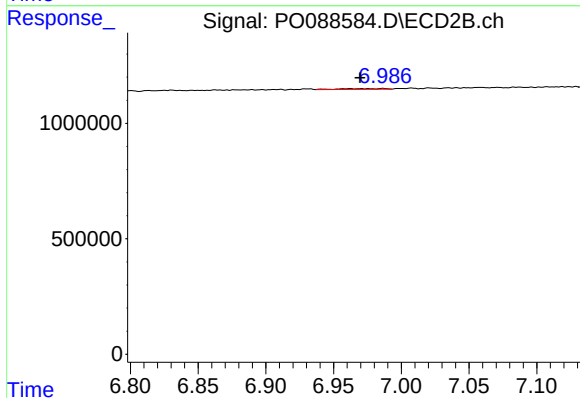
R.T.: 0.000 min  
Exp R.T.: 6.498 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

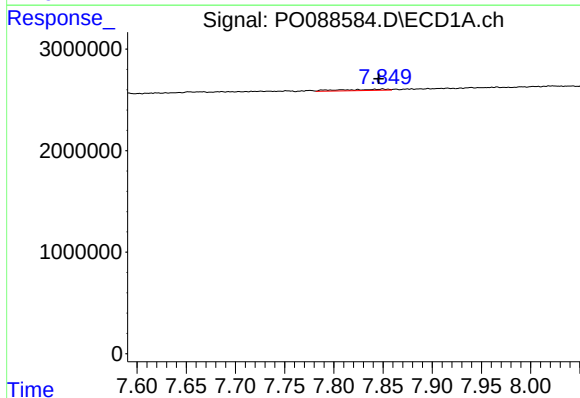
R.T.: 8.123 min  
Delta R.T.: 0.048 min  
Response: 453132  
Conc: 4.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



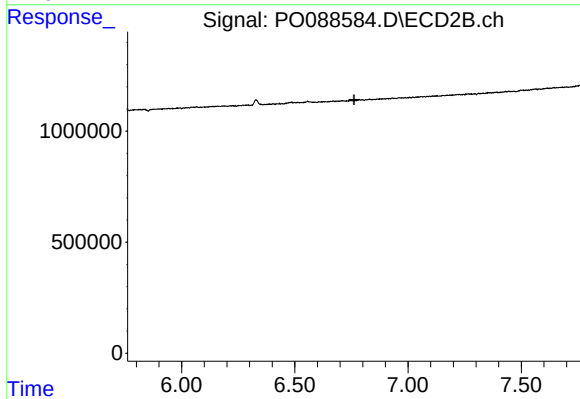
#34 AR-1260-4

R.T.: 6.987 min  
Delta R.T.: 0.017 min  
Response: 75658  
Conc: 1.24 ng/ml



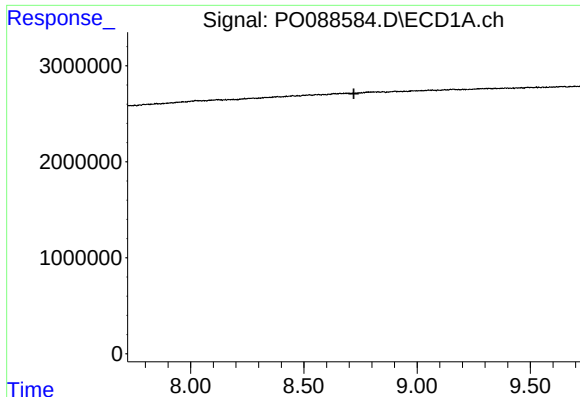
#36 AR-1262-1

R.T.: 7.850 min  
Delta R.T.: 0.004 min  
Response: 393089  
Conc: 3.10 ng/ml



#36 AR-1262-1

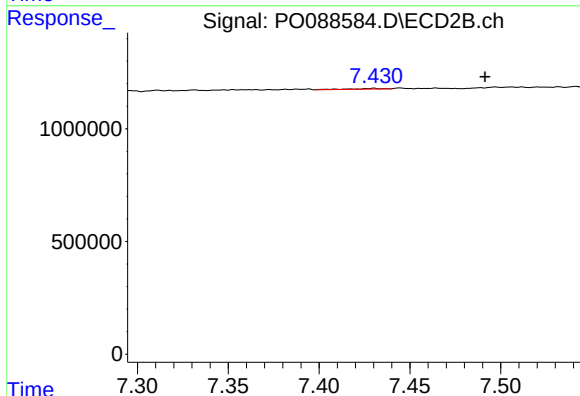
R.T.: 0.000 min  
Exp R.T.: 6.761 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

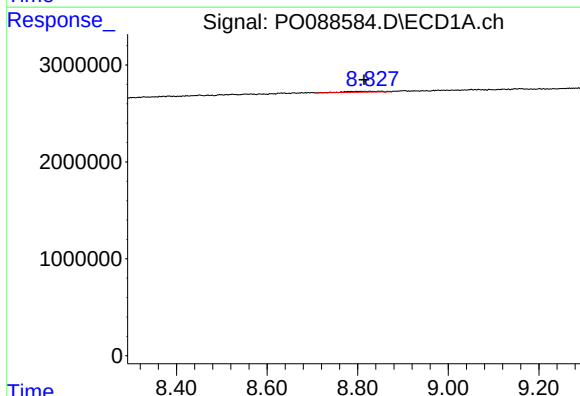
R.T.: 0.000 min  
Exp R.T.: 8.721 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



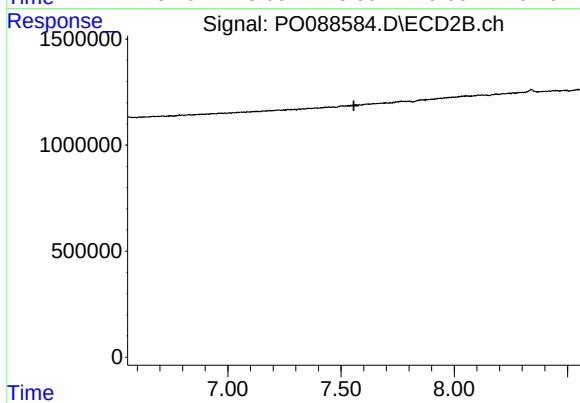
#38 AR-1262-3

R.T.: 7.430 min  
Delta R.T.: -0.061 min  
Response: 30752  
Conc: 0.50 ng/ml



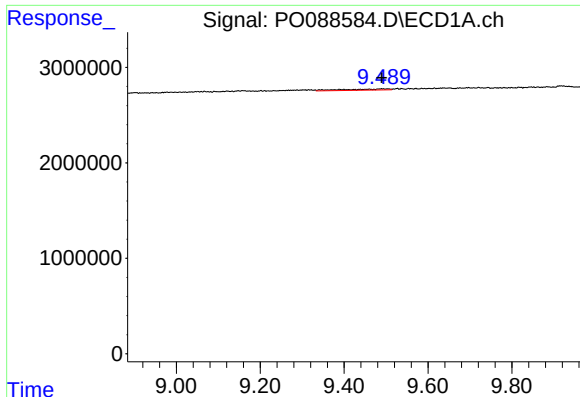
#39 AR-1262-4

R.T.: 8.828 min  
Delta R.T.: 0.013 min  
Response: 504640  
Conc: 7.66 ng/ml



#39 AR-1262-4

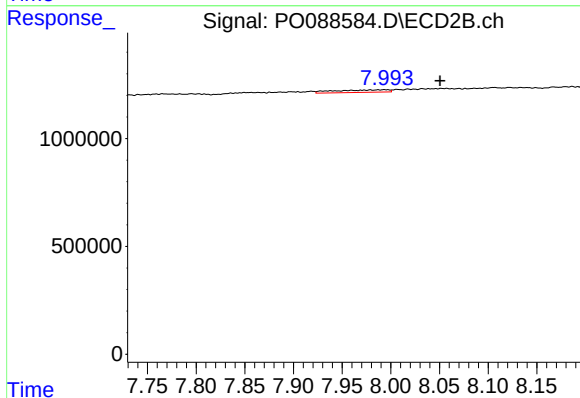
R.T.: 0.000 min  
Exp R.T.: 7.556 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

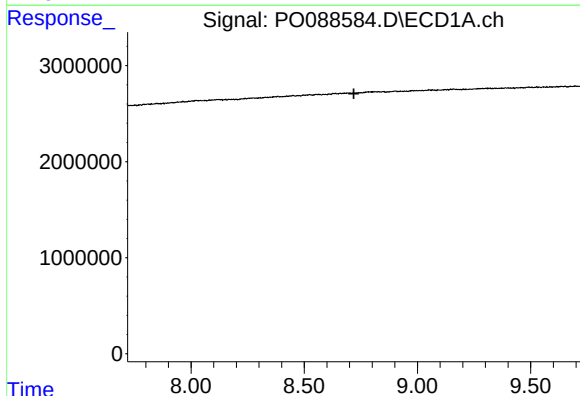
R.T.: 9.490 min  
Delta R.T.: 0.000 min  
Response: 929997  
Conc: 11.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



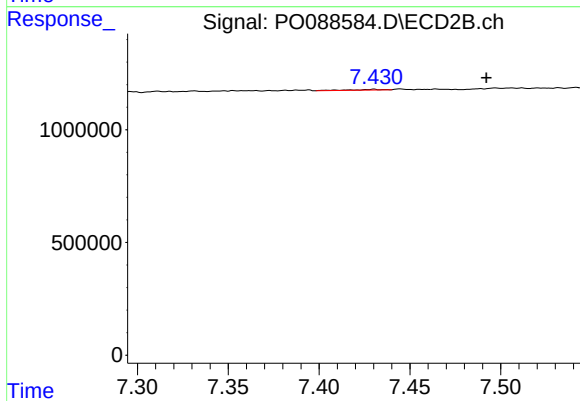
#40 AR-1262-5

R.T.: 7.993 min  
Delta R.T.: -0.057 min  
Response: 451537  
Conc: 8.41 ng/ml



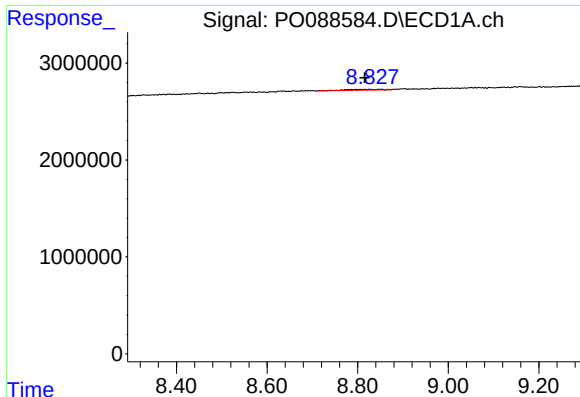
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.719 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

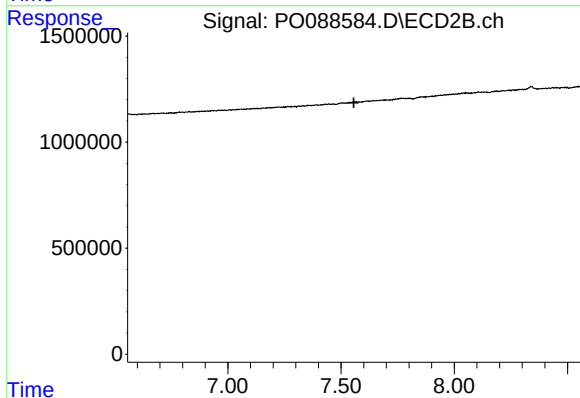
R.T.: 7.430 min  
Delta R.T.: -0.062 min  
Response: 30752  
Conc: 0.17 ng/ml



#42 AR-1268-2

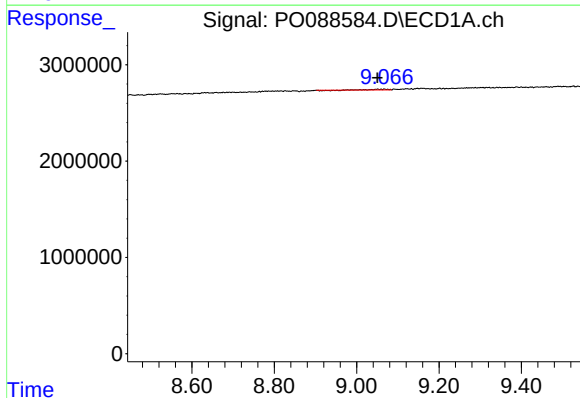
R.T.: 8.828 min  
Delta R.T.: 0.012 min  
Response: 504640  
Conc: 2.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



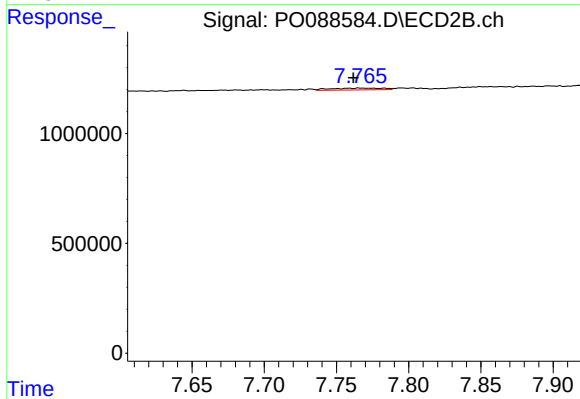
#42 AR-1268-2

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



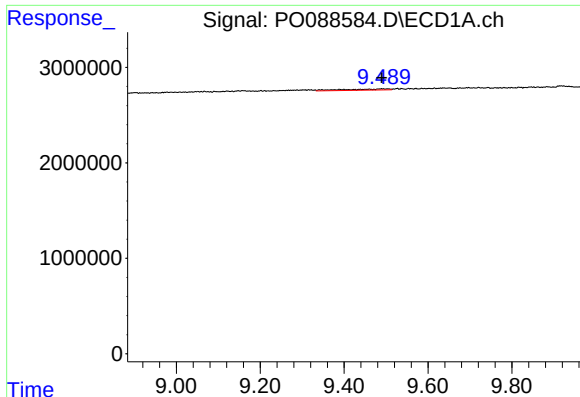
#43 AR-1268-3

R.T.: 9.067 min  
Delta R.T.: 0.016 min  
Response: 107064  
Conc: 0.55 ng/ml



#43 AR-1268-3

R.T.: 7.766 min  
Delta R.T.: 0.004 min  
Response: 202338  
Conc: 1.47 ng/ml



#44 AR-1268-4

R.T.: 9.490 min  
Delta R.T.: 0.000 min  
Response: 929997  
Conc: 10.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :

#44 AR-1268-4

R.T.: 7.993 min  
Delta R.T.: -0.056 min  
Response: 451537  
Conc: 7.80 ng/ml

#45 AR-1268-5

R.T.: 9.917 min  
Delta R.T.: -0.002 min  
Response: 347045  
Conc: 0.55 ng/ml

#45 AR-1268-5

R.T.: 8.340 min  
Delta R.T.: 0.003 min  
Response: 2352876  
Conc: 5.77 ng/ml