

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO120522\  
 Data File : P0091045.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Dec 2022 19:49  
 Operator : YP/AJ  
 Sample : N5876-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 06 01:23:59 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO112522.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Nov 28 11:25:59 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... | 4.297  | 3.475  | 58072461 | 4122914  | 17.176  | 3.928 #  |
| 2)                          | SA Decachlor... | 10.042 | 8.477  | 43182153 | 18177278 | 16.257  | 18.723   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 5.439f | 4.526f | 20093489 | -7531    | 178.557 | N.D. #   |
| 4)                          | L1 AR-1016-2    | 5.555f | 4.624f | 1933262  | 563516   | 11.891  | 10.936   |
| 5)                          | L1 AR-1016-3    | 5.555  | 4.694f | 1933262  | 75004    | 18.543  | 2.756 #  |
| 6)                          | L1 AR-1016-4    | 5.643  | 4.824  | 363652   | 207455   | 4.488   | 8.975 #  |
| 7)                          | L1 AR-1016-5    | 5.964  | 5.042  | 644906   | 327648   | 7.354   | 11.108 # |
| 8)                          | L2 AR-1221-1    | 4.503  | 3.686  | 7979552  | 370175   | 195.325 | 28.085 # |
| 9)                          | L2 AR-1221-2    | 4.579  | 3.764  | 10375604 | 696503   | 342.073 | 70.051 # |
| 10)                         | L2 AR-1221-3    | 4.673  | 3.844  | 22611304 | 1577023  | 245.773 | 50.777 # |
| 11)                         | L3 AR-1232-1    | 4.673  | 3.844  | 22611304 | 1577023  | 314.259 | 66.003 # |
| 12)                         | L3 AR-1232-2    | 5.185  | 4.624f | 4170803  | 563516   | 96.272  | 23.333 # |
| 13)                         | L3 AR-1232-3    | 5.555f | 4.694f | 1933262  | 75004    | 25.873  | 5.925 #  |
| 14)                         | L3 AR-1232-4    | 5.643  | 4.824  | 363652   | 207455   | 9.704   | 17.163 # |
| 15)                         | L3 AR-1232-5    | 5.727  | 5.042  | 268718   | 327648   | 8.986   | 24.225 # |
| 16)                         | L4 AR-1242-1    | 5.439f | 4.526f | 20093489 | -7531    | 225.119 | N.D. #   |
| 17)                         | L4 AR-1242-2    | 5.555f | 4.624f | 1933262  | 563516   | 15.226  | 13.980   |
| 18)                         | L4 AR-1242-3    | 5.555  | 4.694f | 1933262  | 75004    | 23.192  | 3.587 #  |
| 19)                         | L4 AR-1242-4    | 5.643  | 4.824  | 363652   | 207455   | 5.724   | 9.085 #  |
| 20)                         | L4 AR-1242-5    | 6.379  | 5.361  | 2972310  | 245746   | 43.499  | 8.710 #  |
| 21)                         | L5 AR-1248-1    | 5.439f | 4.526f | 20093489 | -7531    | 282.081 | N.D. #   |
| 22)                         | L5 AR-1248-2    | 5.727  | 4.824  | 268718   | 207455   | 2.535   | 6.336 #  |
| 23)                         | L5 AR-1248-3    | 5.964  | 4.824  | 644906   | 207455   | 5.480   | 6.112    |
| 24)                         | L5 AR-1248-4    | 6.379  | 5.042  | 2972310  | 327648   | 24.306  | 8.211 #  |
| 25)                         | L5 AR-1248-5    | 6.379  | 5.382  | 2972310  | 313602   | 25.915  | 8.749 #  |
| 26)                         | L6 AR-1254-1    | 6.312  | 5.361  | 2293925  | 245746   | 18.265  | 4.193 #  |
| 27)                         | L6 AR-1254-2    | 6.558  | 5.565f | 1083118  | 931929   | 5.744   | 17.462 # |
| 28)                         | L6 AR-1254-3    | 6.918  | 0.000  | 2062853  | 0        | 11.006  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 7.699f | 0.000  | 167163   | 0        | 1.090   | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.371  | 0.000  | 521760   | 0        | 2.989   | N.D. #   |
| 33)                         | L7 AR-1260-3    | 7.699  | 6.401  | 167163   | 349800   | 1.471   | 5.333 #  |
| 34)                         | L7 AR-1260-4    | 7.946  | 0.000  | 14333    | 0        | 0.106   | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.218f | 0.000  | 184585   | 0        | 0.727   | N.D. #   |
| 36)                         | L8 AR-1262-1    | 7.699  | 0.000  | 167163   | 0        | 0.915   | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.218f | 0.000  | 184585   | 0        | 0.597   | N.D. #   |
| 39)                         | L8 AR-1262-4    | 8.661  | 0.000  | 166187   | 0        | 1.670   | N.D. #   |
| 42)                         | L9 AR-1268-2    | 8.661  | 0.000  | 166187   | 0        | 0.500   | N.D. #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.240  | 0        | 268696   | N.D.    | 0.794 #  |
| -----                       |                 |        |        |          |          |         |          |

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

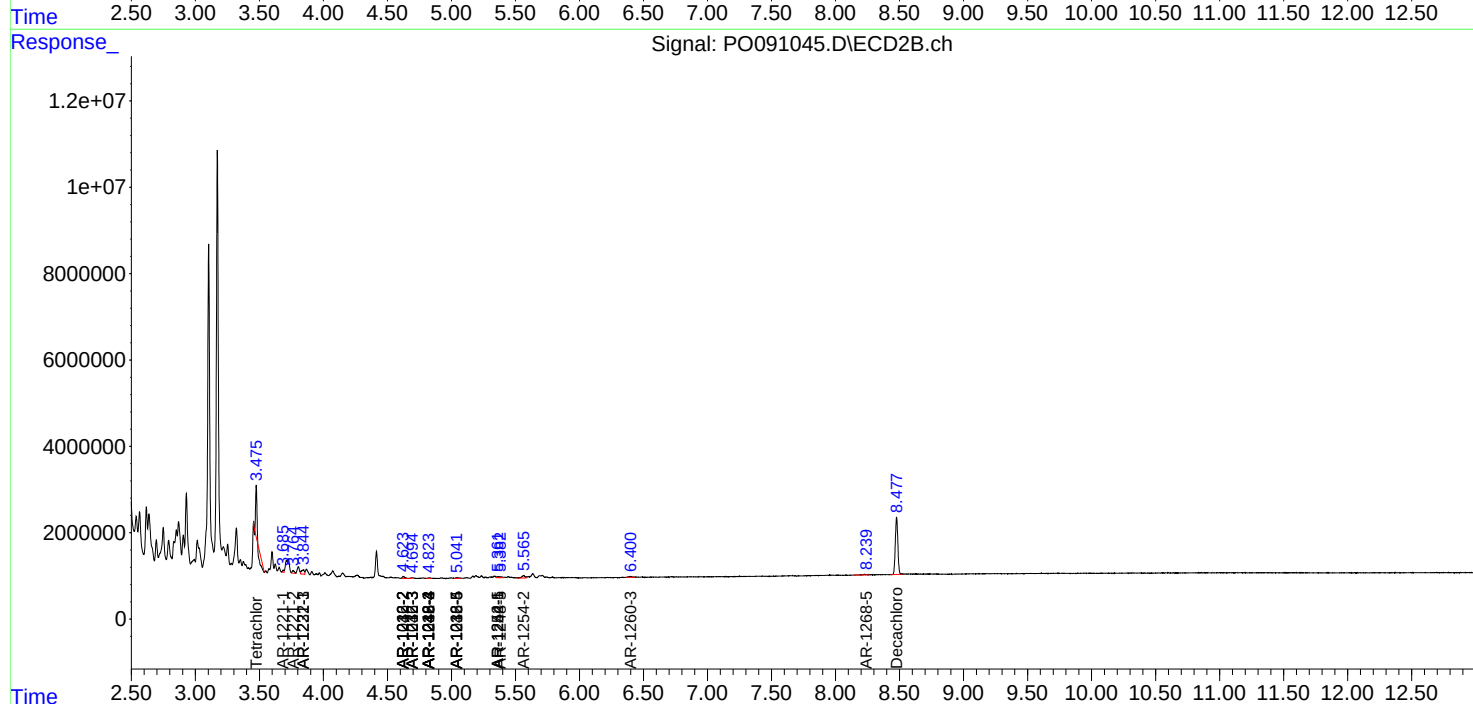
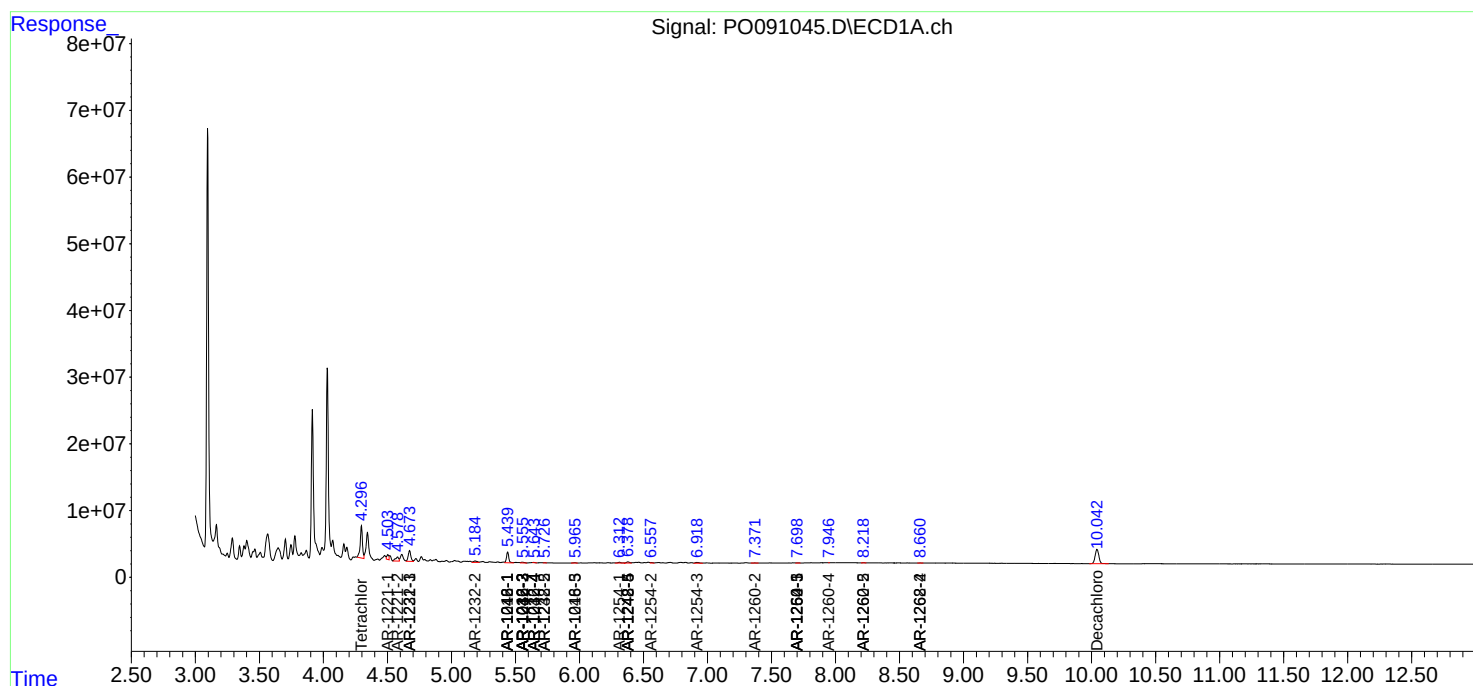
Instrument :  
ECD\_O  
ClientSampleId :

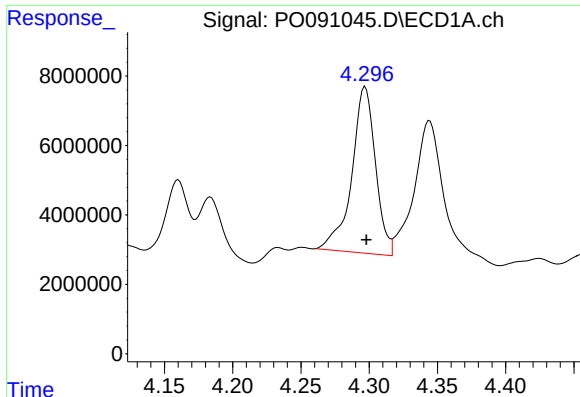
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO120522\  
Data File : PO091045.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Dec 2022 19:49  
Operator : YP/AJ  
Sample : N5876-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 06 01:23:59 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO112522.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Nov 28 11:25:59 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

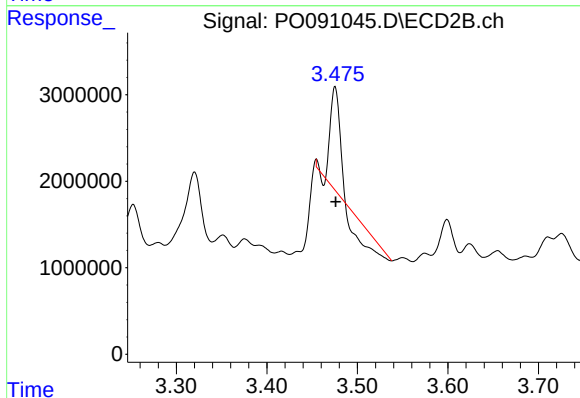




#1 Tetrachloro-m-xylene

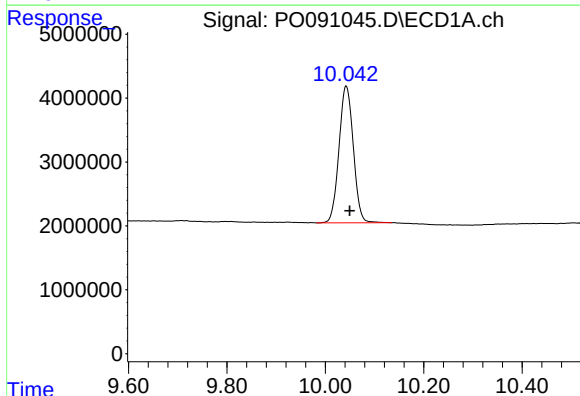
R.T.: 4.297 min  
Delta R.T.: 0.000 min  
Response: 58072461  
Conc: 17.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



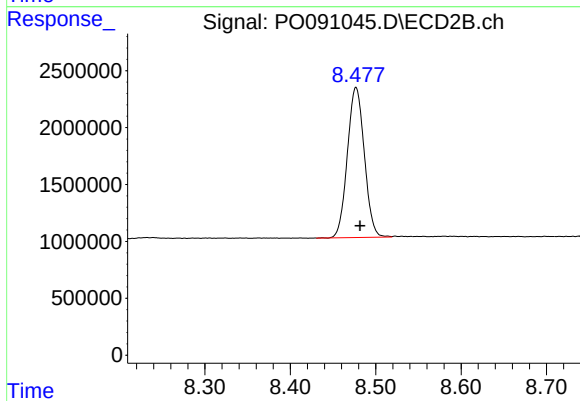
#1 Tetrachloro-m-xylene

R.T.: 3.475 min  
Delta R.T.: 0.000 min  
Response: 4122914  
Conc: 3.93 ng/ml



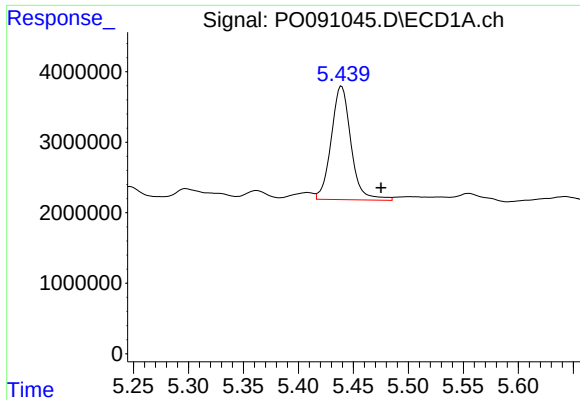
#2 Decachlorobiphenyl

R.T.: 10.042 min  
Delta R.T.: -0.007 min  
Response: 43182153  
Conc: 16.26 ng/ml



#2 Decachlorobiphenyl

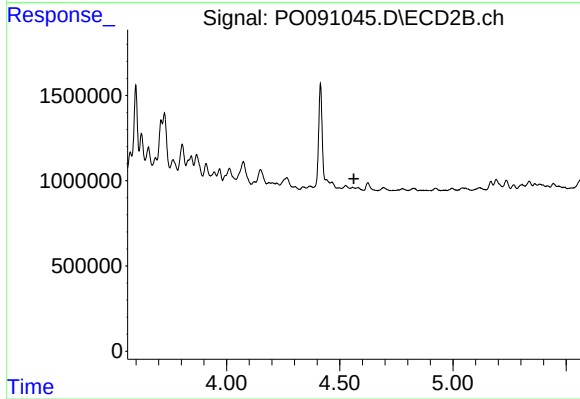
R.T.: 8.477 min  
Delta R.T.: -0.005 min  
Response: 18177278  
Conc: 18.72 ng/ml



#3 AR-1016-1

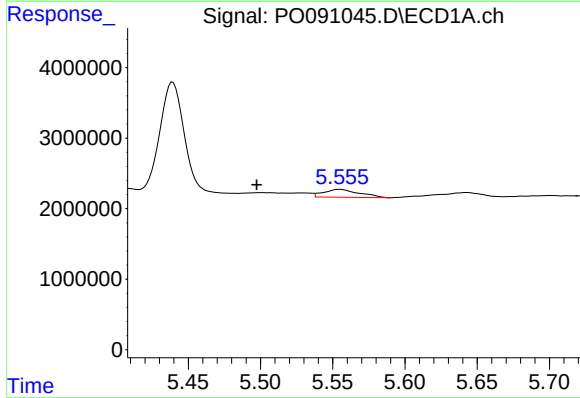
R.T.: 5.439 min  
Delta R.T.: -0.036 min  
Response: 20093489  
Conc: 178.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



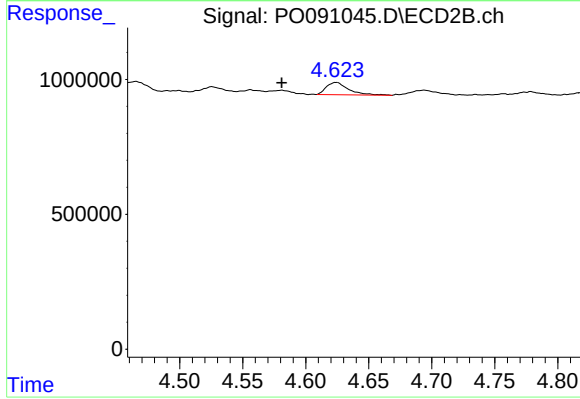
#3 AR-1016-1

R.T.: 4.526 min  
Delta R.T.: -0.037 min  
Response: -7531  
Conc: N.D.



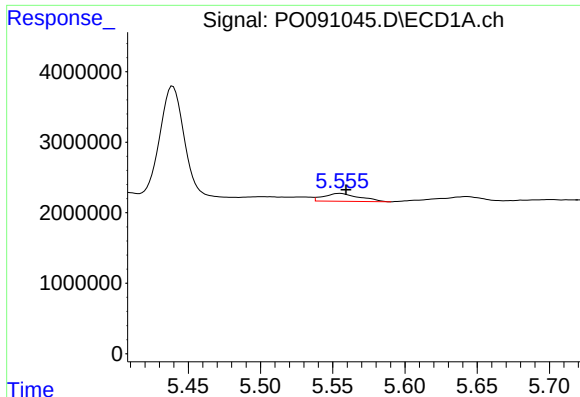
#4 AR-1016-2

R.T.: 5.555 min  
Delta R.T.: 0.058 min  
Response: 1933262  
Conc: 11.89 ng/ml



#4 AR-1016-2

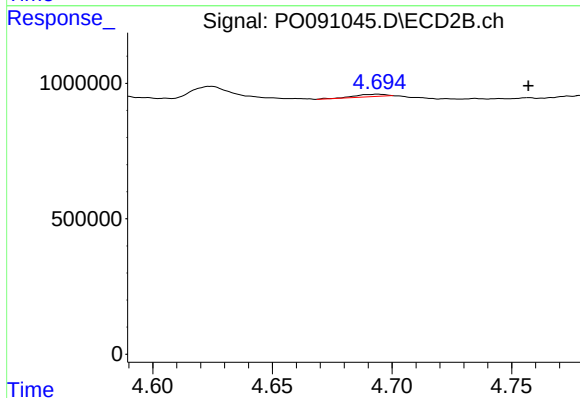
R.T.: 4.624 min  
Delta R.T.: 0.043 min  
Response: 563516  
Conc: 10.94 ng/ml



#5 AR-1016-3

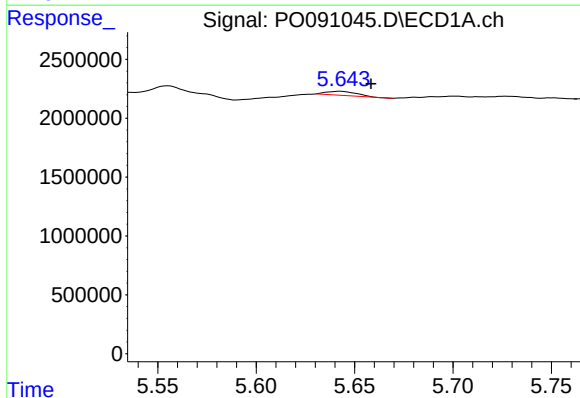
R.T.: 5.555 min  
Delta R.T.: -0.004 min  
Response: 1933262  
Conc: 18.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



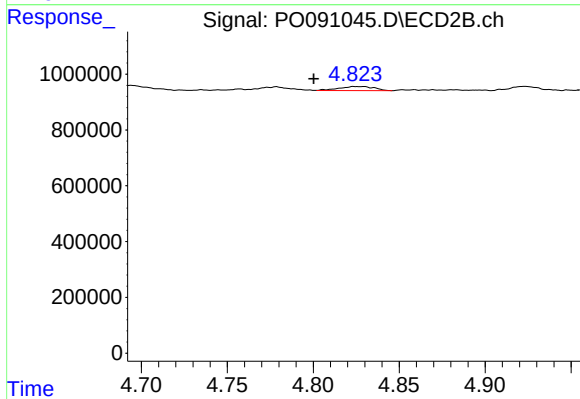
#5 AR-1016-3

R.T.: 4.694 min  
Delta R.T.: -0.063 min  
Response: 75004  
Conc: 2.76 ng/ml



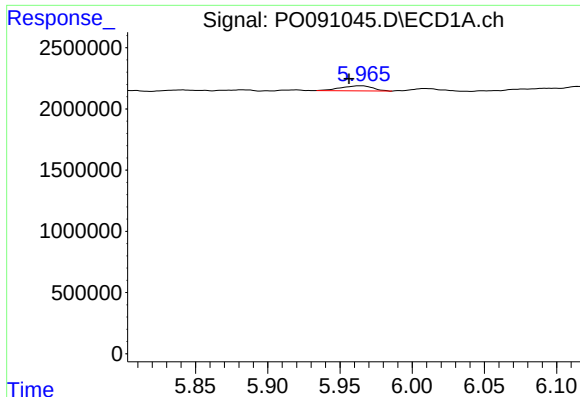
#6 AR-1016-4

R.T.: 5.643 min  
Delta R.T.: -0.016 min  
Response: 363652  
Conc: 4.49 ng/ml



#6 AR-1016-4

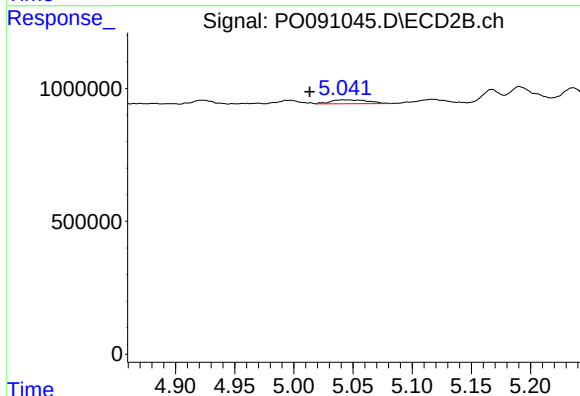
R.T.: 4.824 min  
Delta R.T.: 0.024 min  
Response: 207455  
Conc: 8.97 ng/ml



#7 AR-1016-5

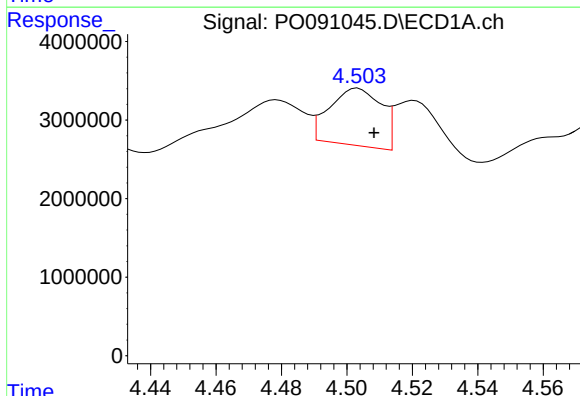
R.T.: 5.964 min  
Delta R.T.: 0.008 min  
Response: 644906  
Conc: 7.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



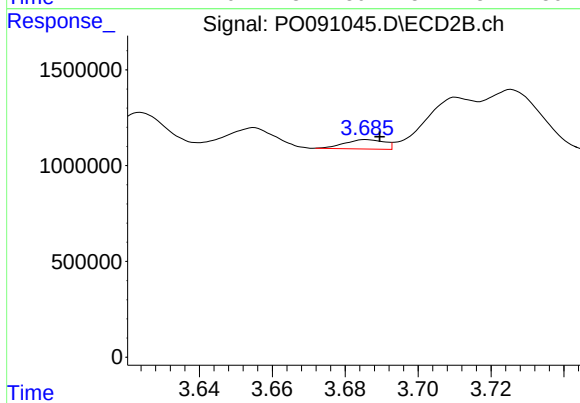
#7 AR-1016-5

R.T.: 5.042 min  
Delta R.T.: 0.028 min  
Response: 327648  
Conc: 11.11 ng/ml



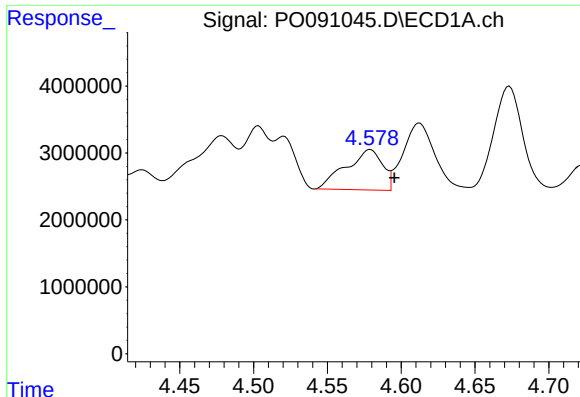
#8 AR-1221-1

R.T.: 4.503 min  
Delta R.T.: -0.005 min  
Response: 7979552  
Conc: 195.32 ng/ml



#8 AR-1221-1

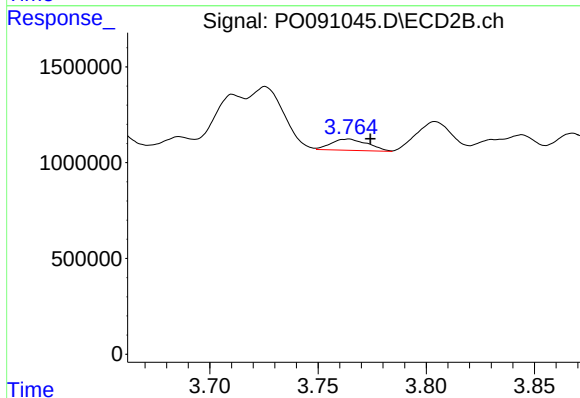
R.T.: 3.686 min  
Delta R.T.: -0.003 min  
Response: 370175  
Conc: 28.09 ng/ml



#9 AR-1221-2

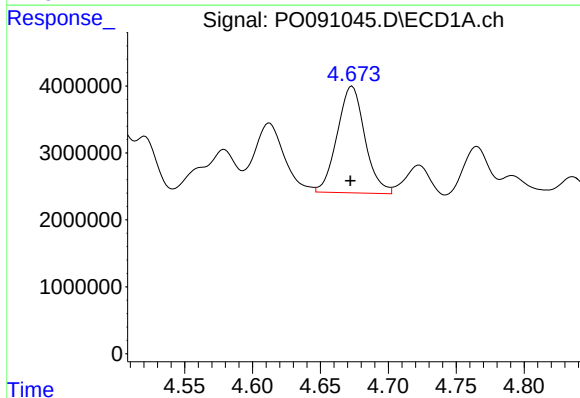
R.T.: 4.579 min  
Delta R.T.: -0.016 min  
Response: 10375604  
Conc: 342.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



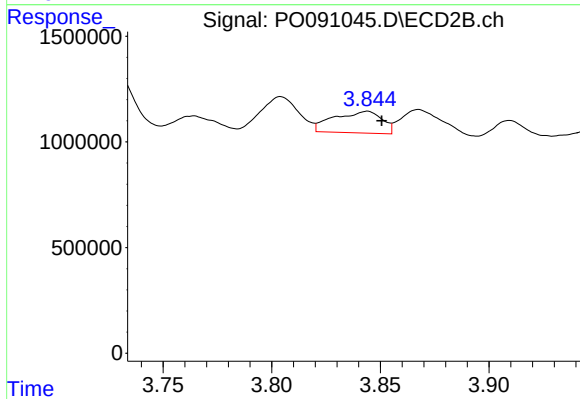
#9 AR-1221-2

R.T.: 3.764 min  
Delta R.T.: -0.010 min  
Response: 696503  
Conc: 70.05 ng/ml



#10 AR-1221-3

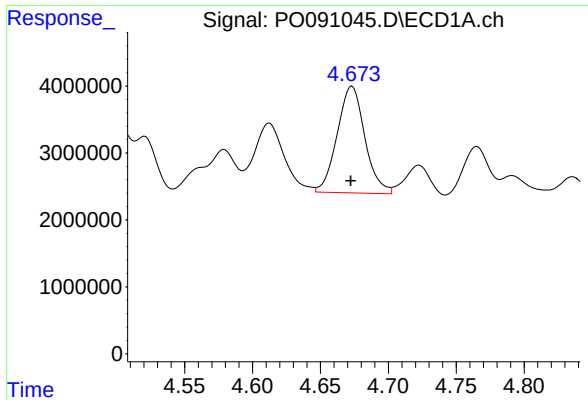
R.T.: 4.673 min  
Delta R.T.: 0.001 min  
Response: 22611304  
Conc: 245.77 ng/ml



#10 AR-1221-3

R.T.: 3.844 min  
Delta R.T.: -0.007 min  
Response: 1577023  
Conc: 50.78 ng/ml

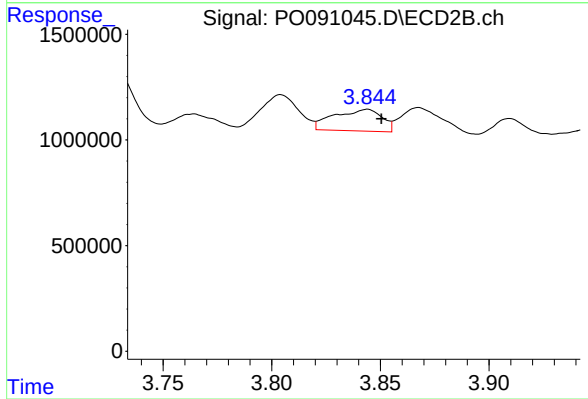




#11 AR-1232-1

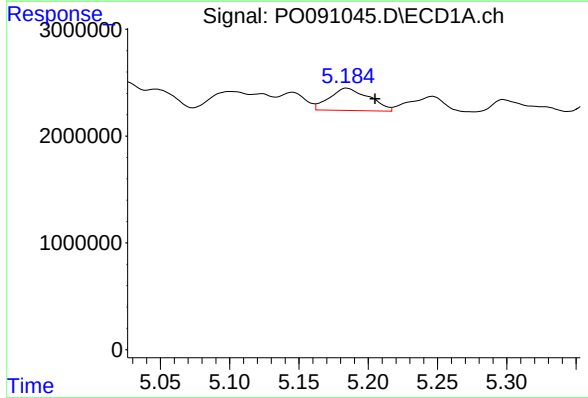
R.T.: 4.673 min  
Delta R.T.: 0.000 min  
Response: 22611304  
Conc: 314.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



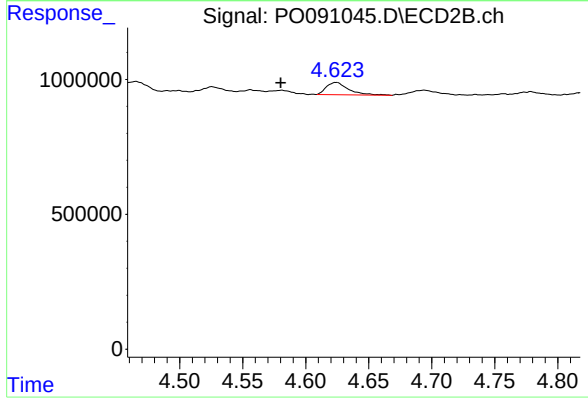
#11 AR-1232-1

R.T.: 3.844 min  
Delta R.T.: -0.006 min  
Response: 1577023  
Conc: 66.00 ng/ml



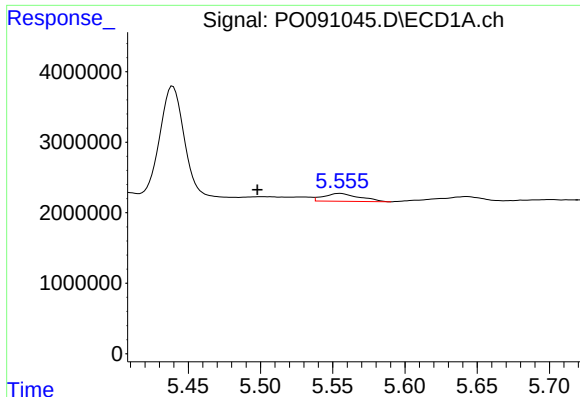
#12 AR-1232-2

R.T.: 5.185 min  
Delta R.T.: -0.021 min  
Response: 4170803  
Conc: 96.27 ng/ml



#12 AR-1232-2

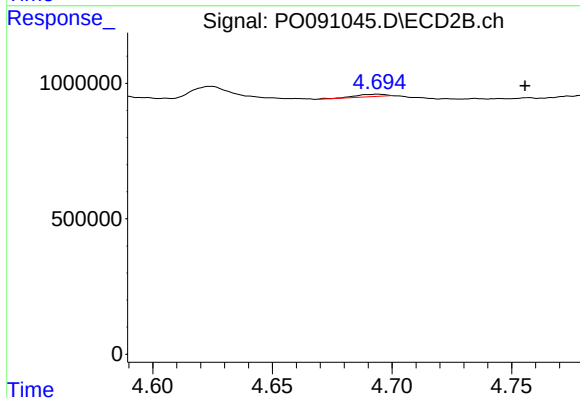
R.T.: 4.624 min  
Delta R.T.: 0.044 min  
Response: 563516  
Conc: 23.33 ng/ml



#13 AR-1232-3

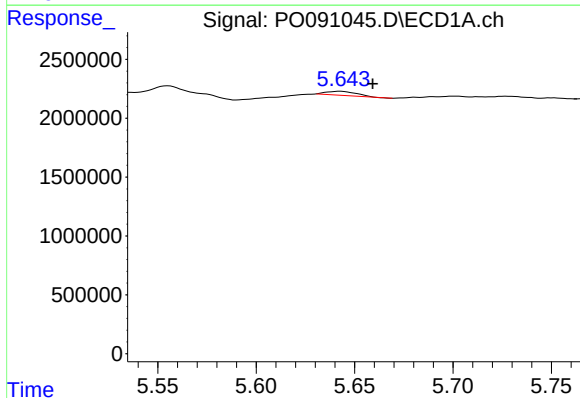
R.T.: 5.555 min  
Delta R.T.: 0.057 min  
Response: 1933262  
Conc: 25.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



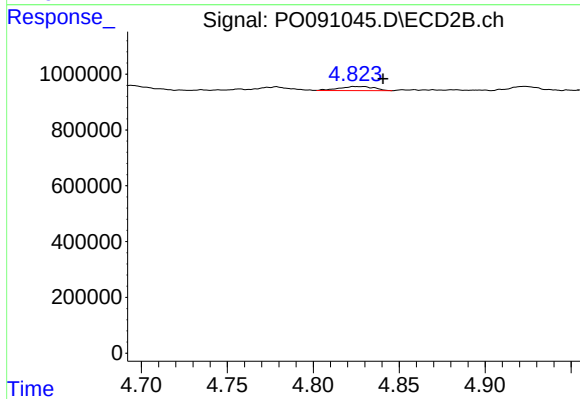
#13 AR-1232-3

R.T.: 4.694 min  
Delta R.T.: -0.061 min  
Response: 75004  
Conc: 5.92 ng/ml



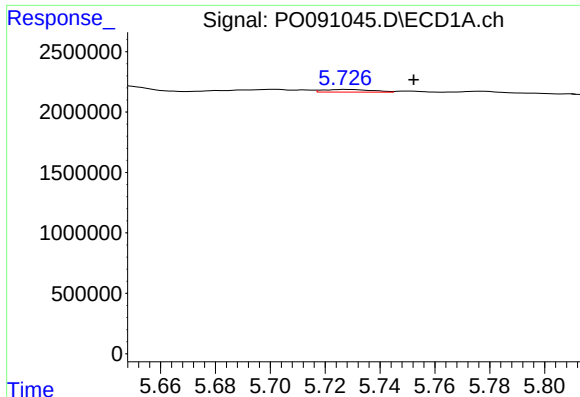
#14 AR-1232-4

R.T.: 5.643 min  
Delta R.T.: -0.016 min  
Response: 363652  
Conc: 9.70 ng/ml



#14 AR-1232-4

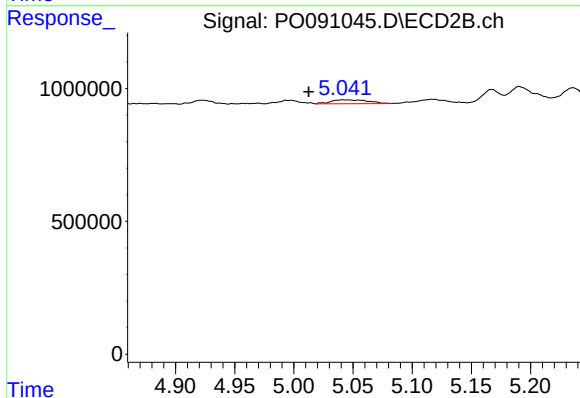
R.T.: 4.824 min  
Delta R.T.: -0.016 min  
Response: 207455  
Conc: 17.16 ng/ml



#15 AR-1232-5

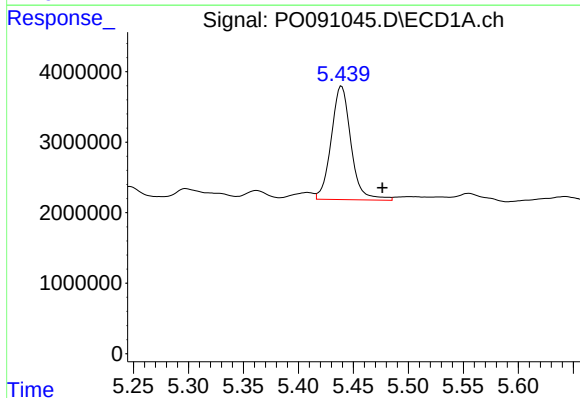
R.T.: 5.727 min  
Delta R.T.: -0.025 min  
Response: 268718  
Conc: 8.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



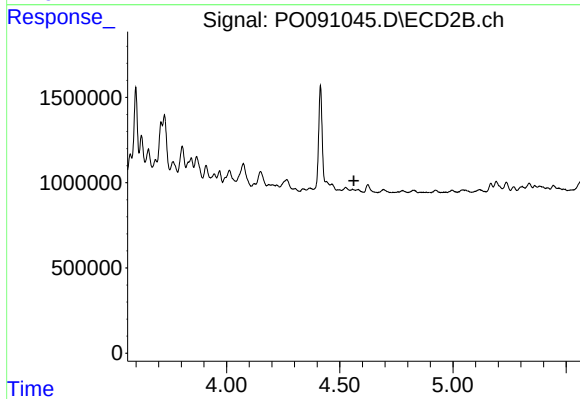
#15 AR-1232-5

R.T.: 5.042 min  
Delta R.T.: 0.029 min  
Response: 327648  
Conc: 24.23 ng/ml



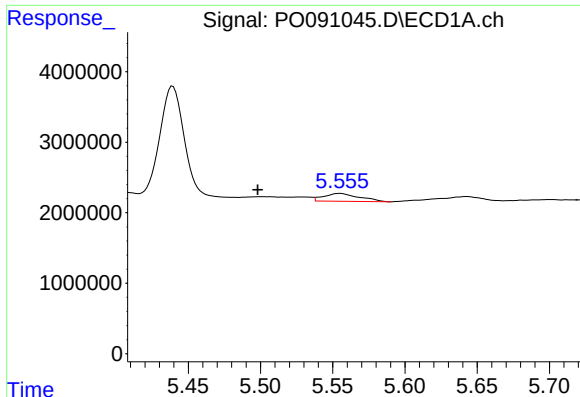
#16 AR-1242-1

R.T.: 5.439 min  
Delta R.T.: -0.037 min  
Response: 20093489  
Conc: 225.12 ng/ml



#16 AR-1242-1

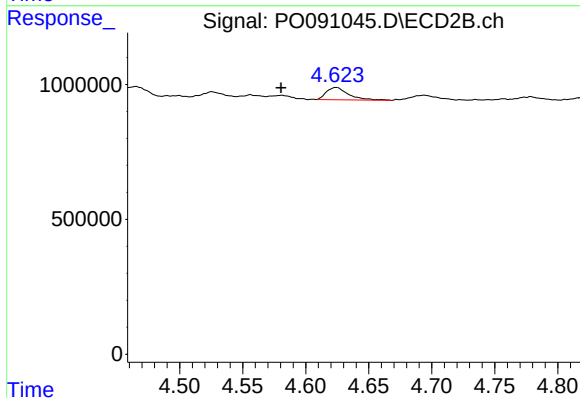
R.T.: 4.526 min  
Delta R.T.: -0.037 min  
Response: -7531  
Conc: N.D.



#17 AR-1242-2

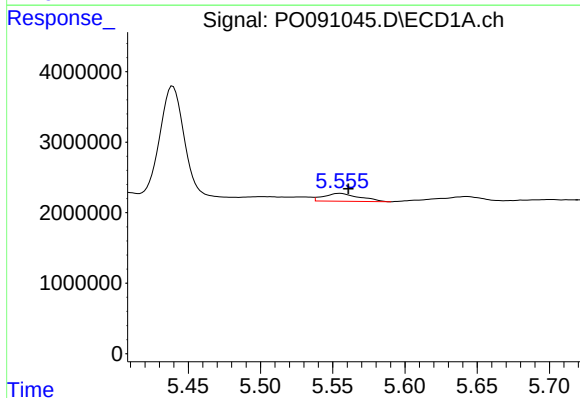
R.T.: 5.555 min  
Delta R.T.: 0.057 min  
Response: 1933262  
Conc: 15.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



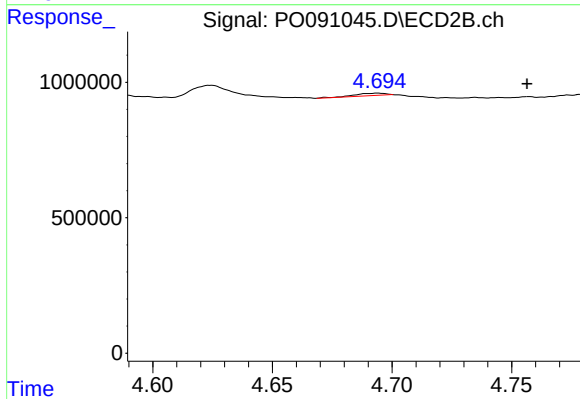
#17 AR-1242-2

R.T.: 4.624 min  
Delta R.T.: 0.044 min  
Response: 563516  
Conc: 13.98 ng/ml



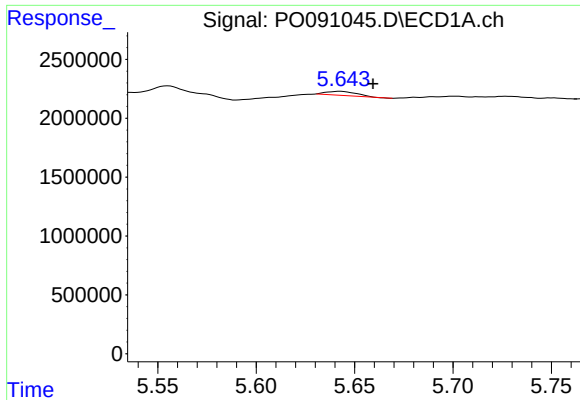
#18 AR-1242-3

R.T.: 5.555 min  
Delta R.T.: -0.006 min  
Response: 1933262  
Conc: 23.19 ng/ml



#18 AR-1242-3

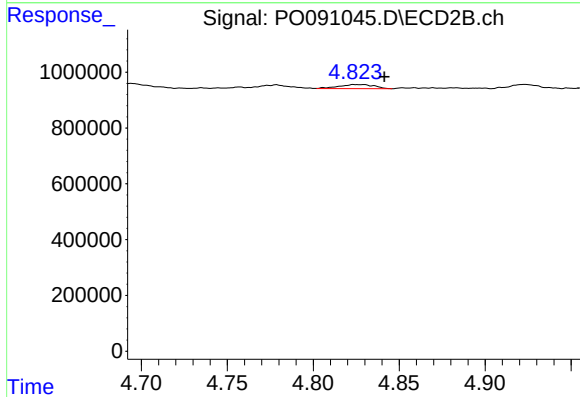
R.T.: 4.694 min  
Delta R.T.: -0.062 min  
Response: 75004  
Conc: 3.59 ng/ml



#19 AR-1242-4

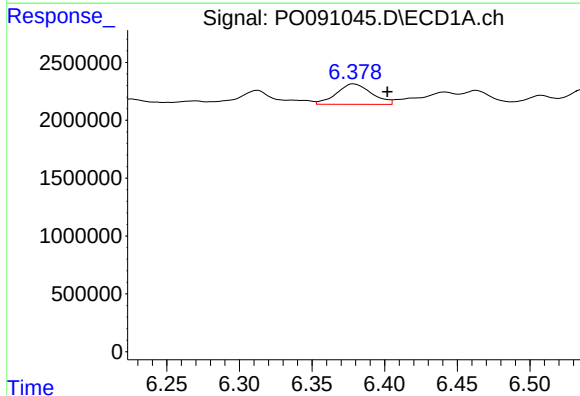
R.T.: 5.643 min  
Delta R.T.: -0.017 min  
Response: 363652  
Conc: 5.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



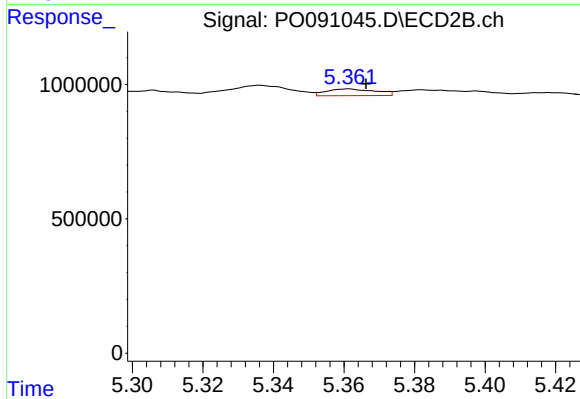
#19 AR-1242-4

R.T.: 4.824 min  
Delta R.T.: -0.017 min  
Response: 207455  
Conc: 9.09 ng/ml



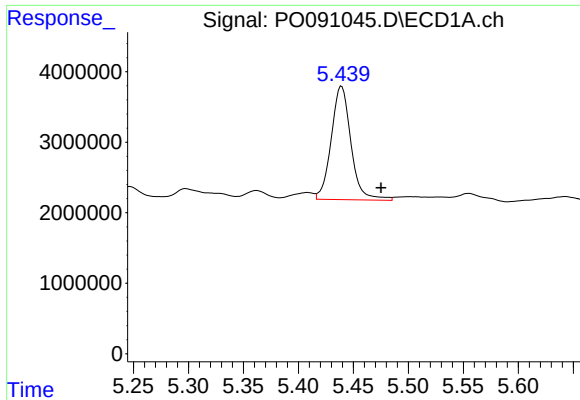
#20 AR-1242-5

R.T.: 6.379 min  
Delta R.T.: -0.023 min  
Response: 2972310  
Conc: 43.50 ng/ml



#20 AR-1242-5

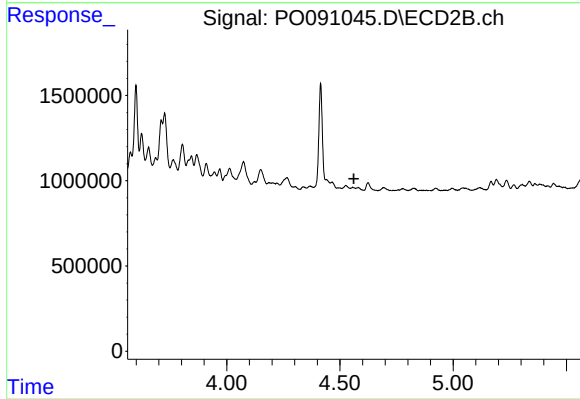
R.T.: 5.361 min  
Delta R.T.: -0.005 min  
Response: 245746  
Conc: 8.71 ng/ml



#21 AR-1248-1

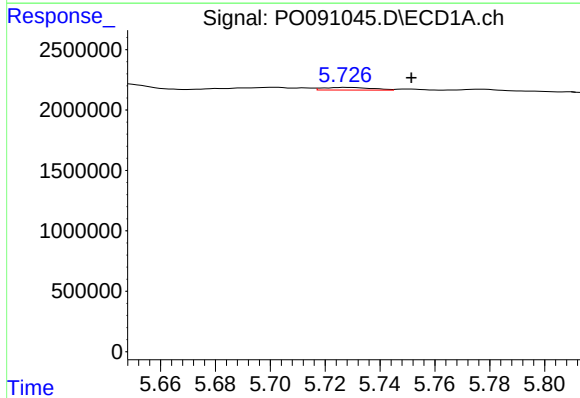
R.T.: 5.439 min  
Delta R.T.: -0.036 min  
Response: 20093489  
Conc: 282.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



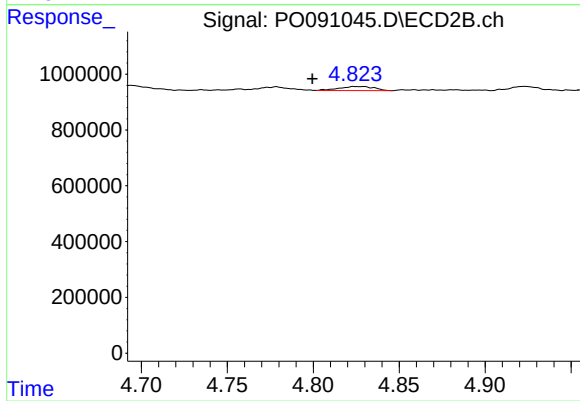
#21 AR-1248-1

R.T.: 4.526 min  
Delta R.T.: -0.036 min  
Response: -7531  
Conc: N.D.



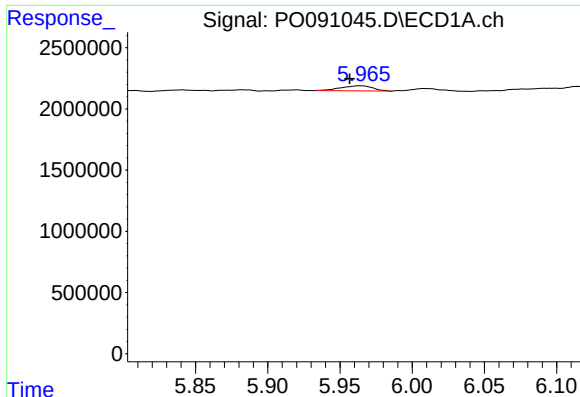
#22 AR-1248-2

R.T.: 5.727 min  
Delta R.T.: -0.024 min  
Response: 268718  
Conc: 2.53 ng/ml



#22 AR-1248-2

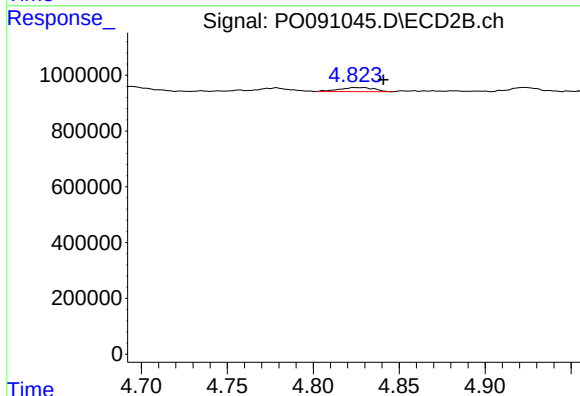
R.T.: 4.824 min  
Delta R.T.: 0.025 min  
Response: 207455  
Conc: 6.34 ng/ml



#23 AR-1248-3

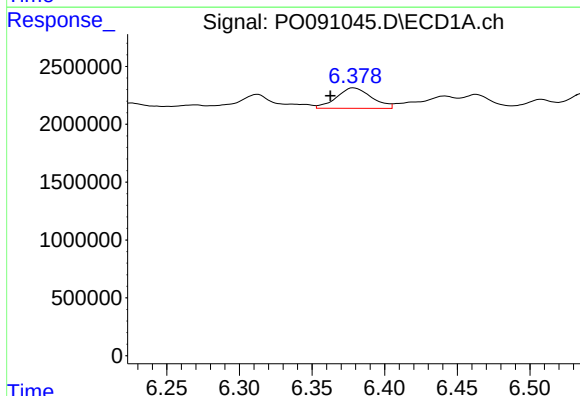
R.T.: 5.964 min  
Delta R.T.: 0.008 min  
Response: 644906  
Conc: 5.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



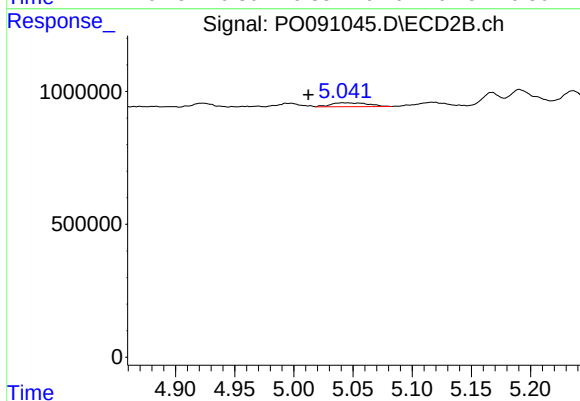
#23 AR-1248-3

R.T.: 4.824 min  
Delta R.T.: -0.016 min  
Response: 207455  
Conc: 6.11 ng/ml



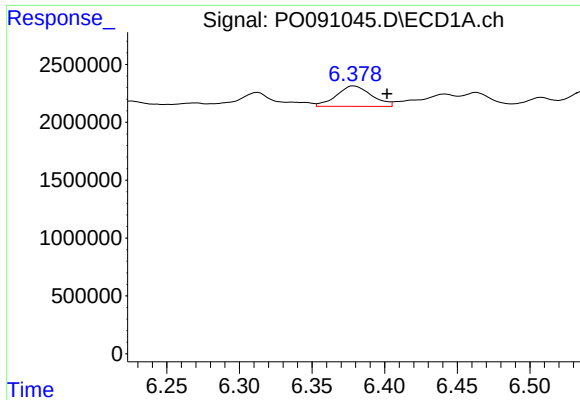
#24 AR-1248-4

R.T.: 6.379 min  
Delta R.T.: 0.016 min  
Response: 2972310  
Conc: 24.31 ng/ml



#24 AR-1248-4

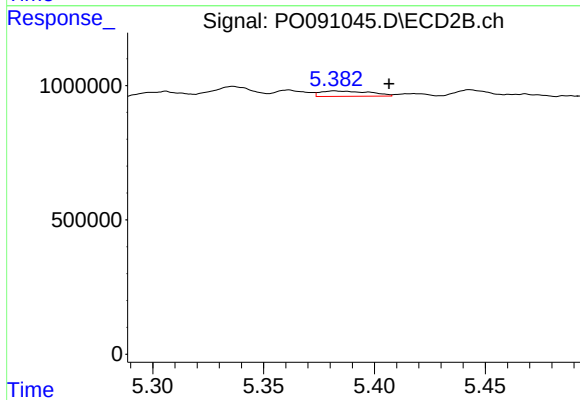
R.T.: 5.042 min  
Delta R.T.: 0.029 min  
Response: 327648  
Conc: 8.21 ng/ml



#25 AR-1248-5

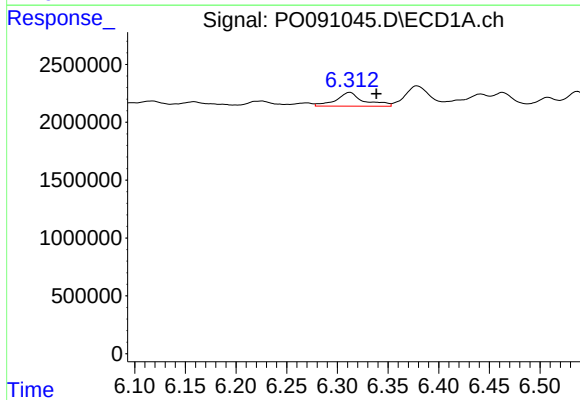
R.T.: 6.379 min  
Delta R.T.: -0.023 min  
Response: 2972310  
Conc: 25.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



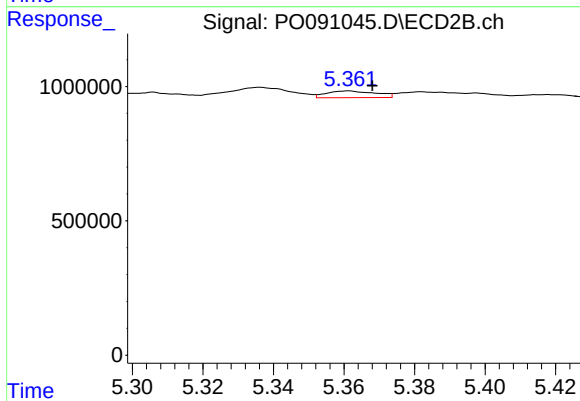
#25 AR-1248-5

R.T.: 5.382 min  
Delta R.T.: -0.025 min  
Response: 313602  
Conc: 8.75 ng/ml



#26 AR-1254-1

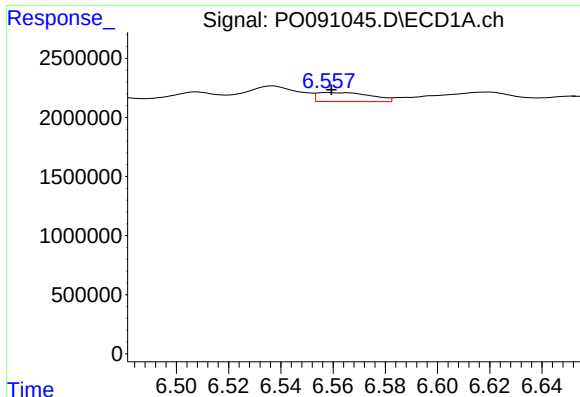
R.T.: 6.312 min  
Delta R.T.: -0.026 min  
Response: 2293925  
Conc: 18.27 ng/ml



#26 AR-1254-1

R.T.: 5.361 min  
Delta R.T.: -0.007 min  
Response: 245746  
Conc: 4.19 ng/ml

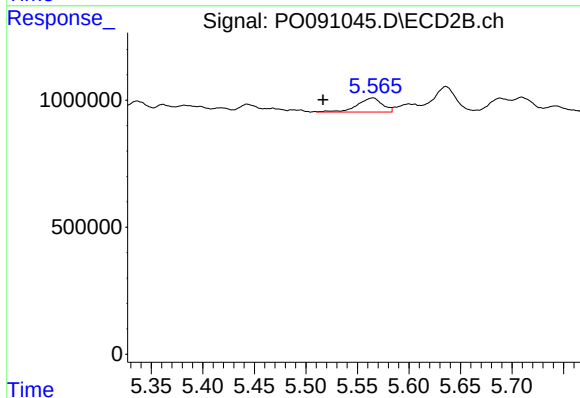




#27 AR-1254-2

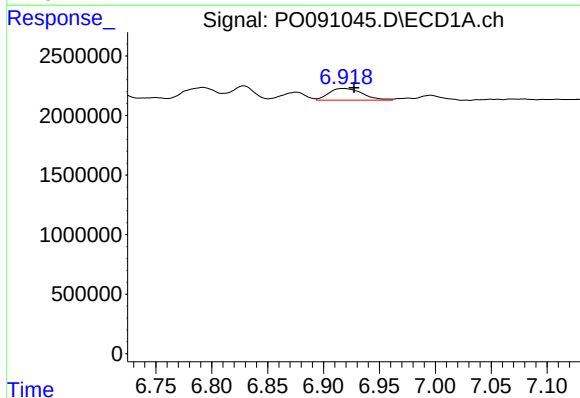
R.T.: 6.558 min  
Delta R.T.: -0.001 min  
Response: 1083118  
Conc: 5.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



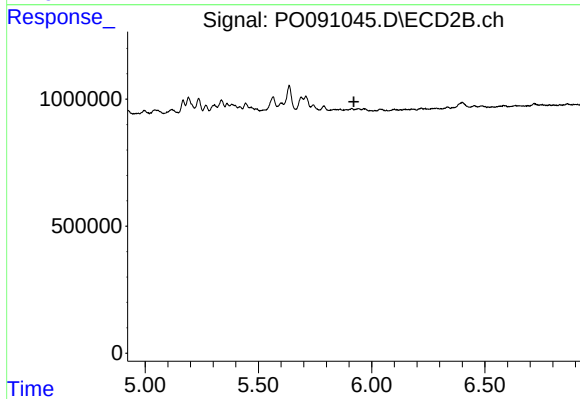
#27 AR-1254-2

R.T.: 5.565 min  
Delta R.T.: 0.048 min  
Response: 931929  
Conc: 17.46 ng/ml



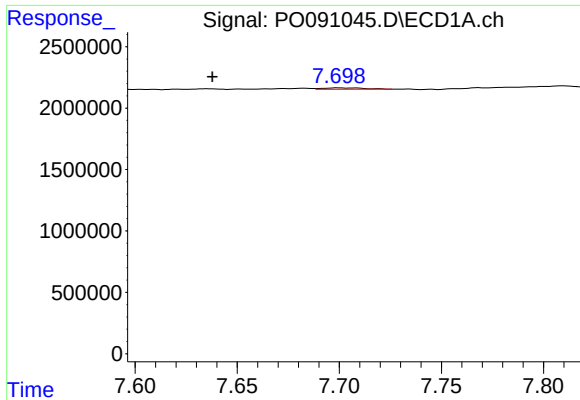
#28 AR-1254-3

R.T.: 6.918 min  
Delta R.T.: -0.009 min  
Response: 2062853  
Conc: 11.01 ng/ml



#28 AR-1254-3

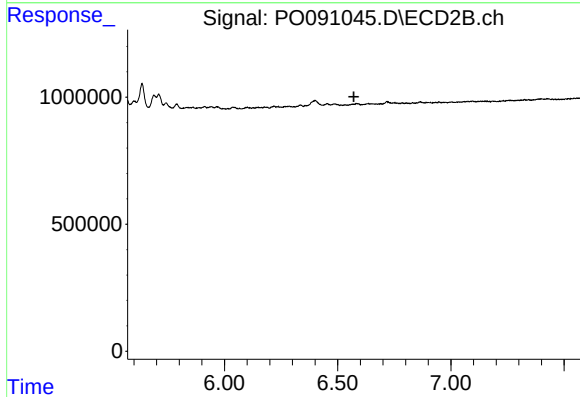
R.T.: 0.000 min  
Exp R.T.: 5.922 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

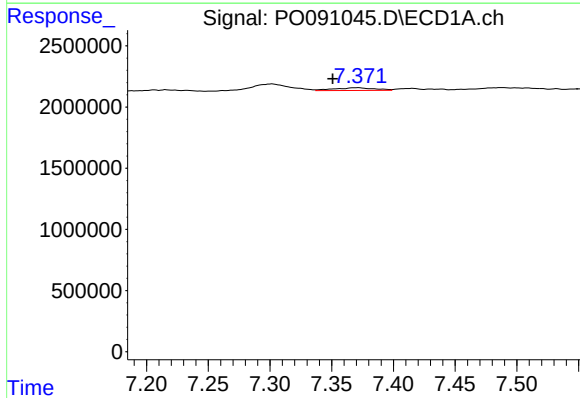
R.T.: 7.699 min  
Delta R.T.: 0.062 min  
Response: 167163  
Conc: 1.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



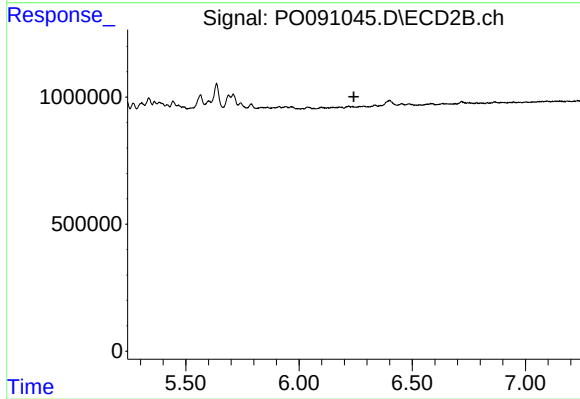
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 6.572 min  
Response: 0  
Conc: N.D.



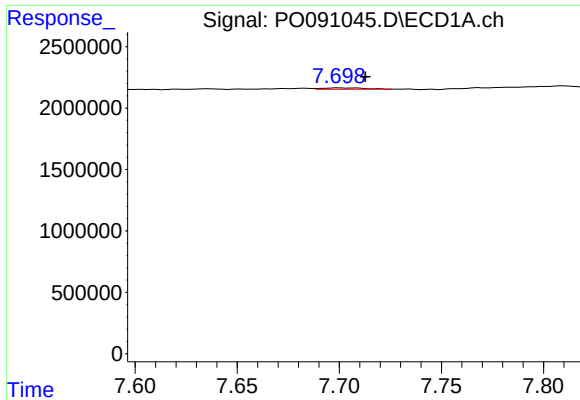
#32 AR-1260-2

R.T.: 7.371 min  
Delta R.T.: 0.021 min  
Response: 521760  
Conc: 2.99 ng/ml



#32 AR-1260-2

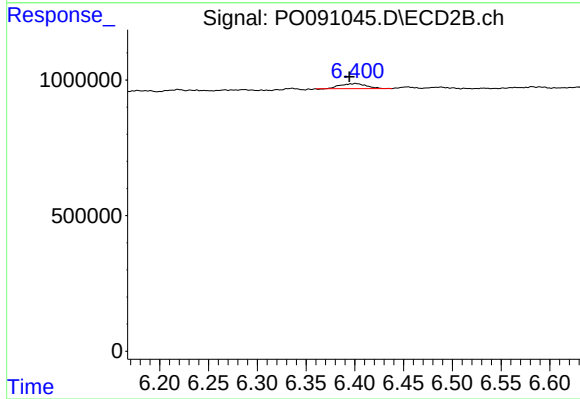
R.T.: 0.000 min  
Exp R.T. : 6.242 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

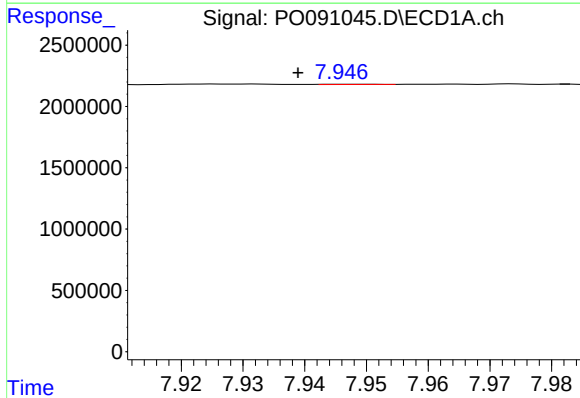
R.T.: 7.699 min  
Delta R.T.: -0.013 min  
Response: 167163  
Conc: 1.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



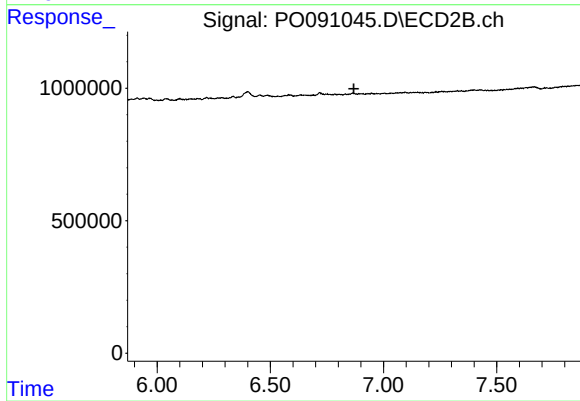
#33 AR-1260-3

R.T.: 6.401 min  
Delta R.T.: 0.007 min  
Response: 349800  
Conc: 5.33 ng/ml



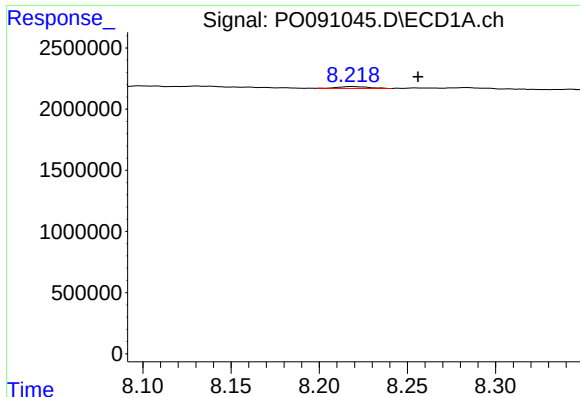
#34 AR-1260-4

R.T.: 7.946 min  
Delta R.T.: 0.007 min  
Response: 14333  
Conc: 0.11 ng/ml



#34 AR-1260-4

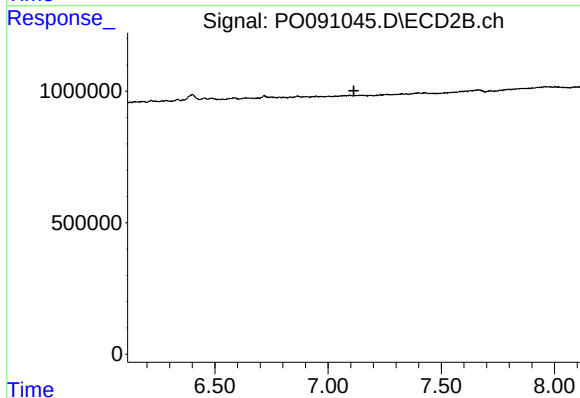
R.T.: 0.000 min  
Exp R.T. : 6.869 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

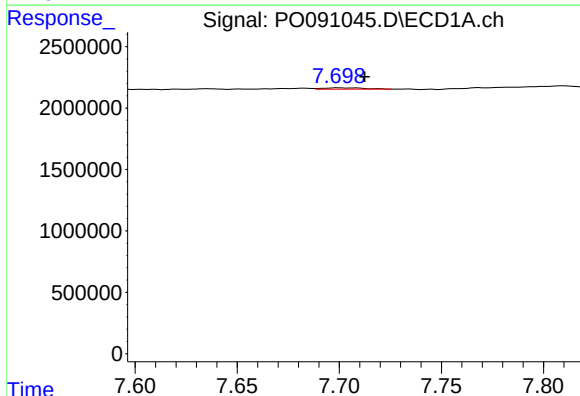
R.T.: 8.218 min  
Delta R.T.: -0.038 min  
Response: 184585  
Conc: 0.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



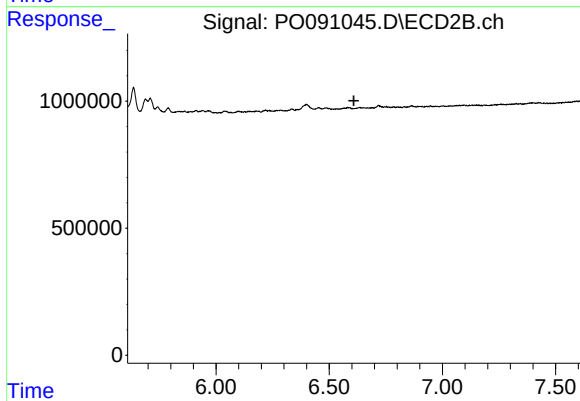
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.114 min  
Response: 0  
Conc: N.D.



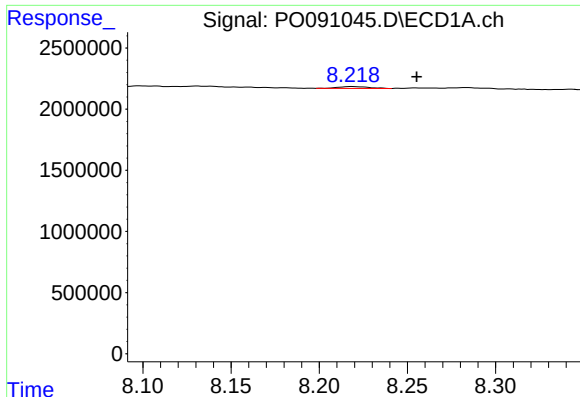
#36 AR-1262-1

R.T.: 7.699 min  
Delta R.T.: -0.013 min  
Response: 167163  
Conc: 0.91 ng/ml



#36 AR-1262-1

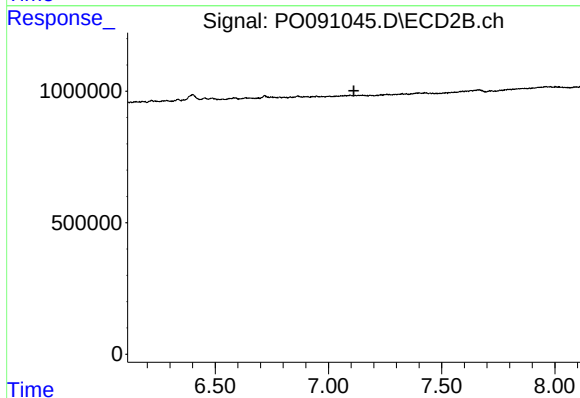
R.T.: 0.000 min  
Exp R.T. : 6.609 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

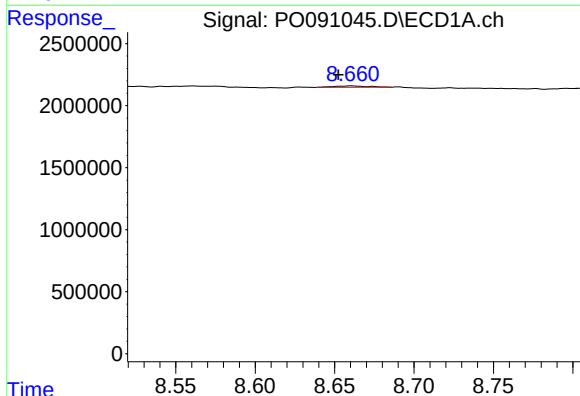
R.T.: 8.218 min  
Delta R.T.: -0.037 min  
Response: 184585  
Conc: 0.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



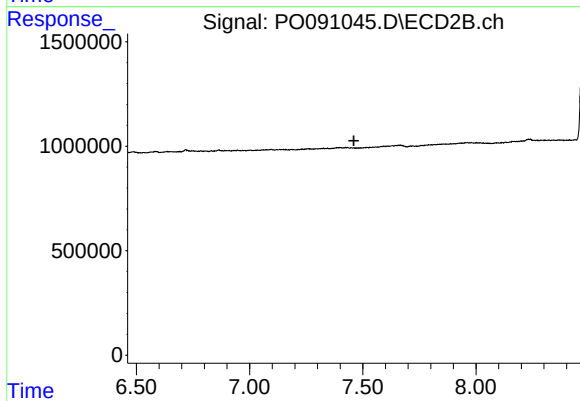
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.113 min  
Response: 0  
Conc: N.D.



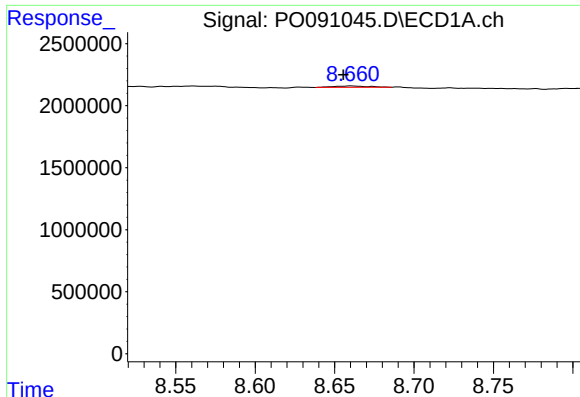
#39 AR-1262-4

R.T.: 8.661 min  
Delta R.T.: 0.008 min  
Response: 166187  
Conc: 1.67 ng/ml



#39 AR-1262-4

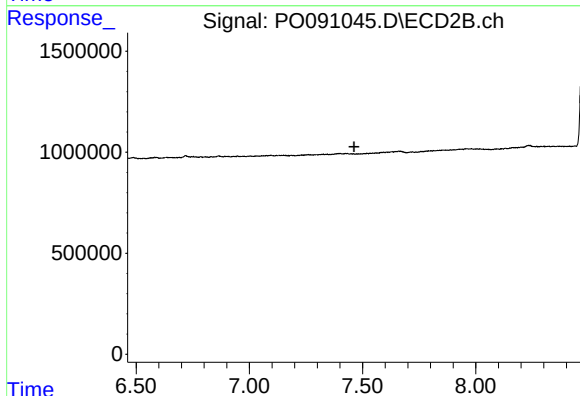
R.T.: 0.000 min  
Exp R.T. : 7.461 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

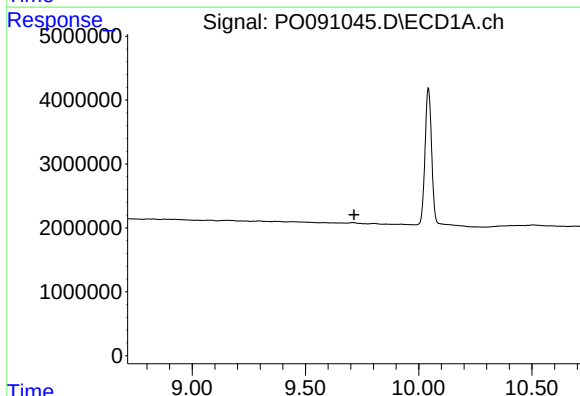
R.T.: 8.661 min  
Delta R.T.: 0.005 min  
Response: 166187  
Conc: 0.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



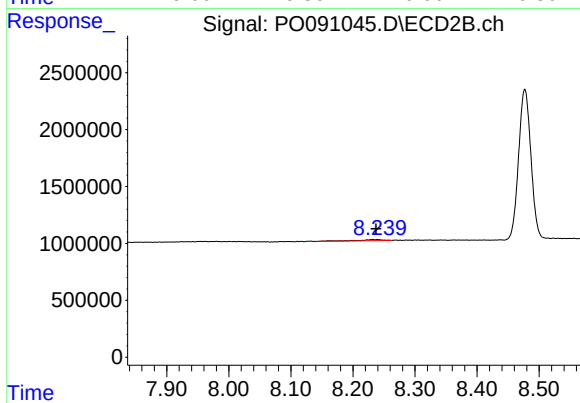
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.462 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.714 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.240 min  
Delta R.T.: 0.002 min  
Response: 268696  
Conc: 0.79 ng/ml