

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO120222\  
 Data File : P0091007.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Dec 2022 23:45  
 Operator : YP/AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 03 04:24:12 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... | 4.298  | 3.475  | 62851207 | 21151977 | 18.589 | 20.153   |
| 2)                          | SA Decachlor... | 10.043 | 8.475  | 51321925 | 19433417 | 19.322 | 20.016   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.412f | 4.575  | 1226992  | 151693   | 10.903 | 4.116 #  |
| 4)                          | L1 AR-1016-2    | 5.548f | 4.575  | 582383   | 151693   | 3.582  | 2.944    |
| 5)                          | L1 AR-1016-3    | 5.548  | 4.820f | 582383   | -86999   | 5.586  | N.D. #   |
| 7)                          | L1 AR-1016-5    | 5.953  | 5.008  | 1288369  | 137986   | 14.692 | 4.678 #  |
| 9)                          | L2 AR-1221-2    | 4.604  | 3.773  | 834957   | 274841   | 27.528 | 27.642   |
| 10)                         | L2 AR-1221-3    | 4.604f | 0.000  | 834957   | 0        | 9.076  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.604f | 0.000  | 834957   | 0        | 11.604 | N.D. #   |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.575  | 0        | 151693   | N.D.   | 6.281 #  |
| 13)                         | L3 AR-1232-3    | 5.548f | 4.820f | 582383   | -86999   | 7.794  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.840  | 0        | 22429    | N.D.   | 1.856 #  |
| 15)                         | L3 AR-1232-5    | 5.751  | 5.008  | 257148   | 137986   | 8.599  | 10.202   |
| 16)                         | L4 AR-1242-1    | 5.412f | 4.575  | 1226992  | 151693   | 13.747 | 5.224 #  |
| 17)                         | L4 AR-1242-2    | 5.548f | 4.575  | 582383   | 151693   | 4.587  | 3.763    |
| 18)                         | L4 AR-1242-3    | 5.548  | 4.820f | 582383   | -86999   | 6.986  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.840  | 0        | 22429    | N.D.   | 0.982 #  |
| 20)                         | L4 AR-1242-5    | 6.394  | 5.388  | 547967   | 728659   | 8.019  | 25.825 # |
| 21)                         | L5 AR-1248-1    | 5.412f | 4.575  | 1226992  | 151693   | 17.225 | 6.448 #  |
| 23)                         | L5 AR-1248-3    | 5.953  | 4.840  | 1288369  | 22429    | 10.948 | 0.661 #  |
| 24)                         | L5 AR-1248-4    | 6.336  | 5.008  | 3065879  | 137986   | 25.071 | 3.458 #  |
| 25)                         | L5 AR-1248-5    | 6.394  | 5.388  | 547967   | 728659   | 4.778  | 20.328 # |
| 26)                         | L6 AR-1254-1    | 6.336  | 5.388  | 3065879  | 728659   | 24.412 | 12.433 # |
| 27)                         | L6 AR-1254-2    | 6.553  | 5.514  | 2038769  | 377753   | 10.812 | 7.078 #  |
| 28)                         | L6 AR-1254-3    | 6.920  | 5.915  | 1136434  | 410072   | 6.063  | 5.033    |
| 29)                         | L6 AR-1254-4    | 7.211  | 6.217f | 1838256  | 406644   | 13.307 | 8.311 #  |
| 30)                         | L6 AR-1254-5    | 7.628  | 6.567  | 600584   | 141785   | 3.914  | 1.902 #  |
| 31)                         | L7 AR-1260-1    | 7.084  | 0.000  | 1733296  | 0        | 11.299 | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.367  | 6.217  | 1687143  | 406644   | 9.666  | 5.955 #  |
| 33)                         | L7 AR-1260-3    | 7.698  | 6.386  | 466174   | 389936   | 4.101  | 5.945 #  |
| 34)                         | L7 AR-1260-4    | 7.942  | 0.000  | 511161   | 0        | 3.772  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 7.698  | 6.567f | 466174   | 141785   | 2.551  | 1.886 #  |
| 38)                         | L8 AR-1262-3    | 8.622f | 7.405  | 182996   | 591532   | 0.849  | 11.225 # |
| 39)                         | L8 AR-1262-4    | 8.667  | 7.405f | 73577    | 591532   | 0.739  | 6.228 #  |
| 41)                         | L9 AR-1268-1    | 8.622f | 7.405  | 182996   | 591532   | 0.497  | 3.966 #  |
| 42)                         | L9 AR-1268-2    | 8.667  | 7.405f | 73577    | 591532   | 0.221  | 4.402 #  |
| 45)                         | L9 AR-1268-5    | 9.712  | 0.000  | 203115   | 0        | 0.223  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

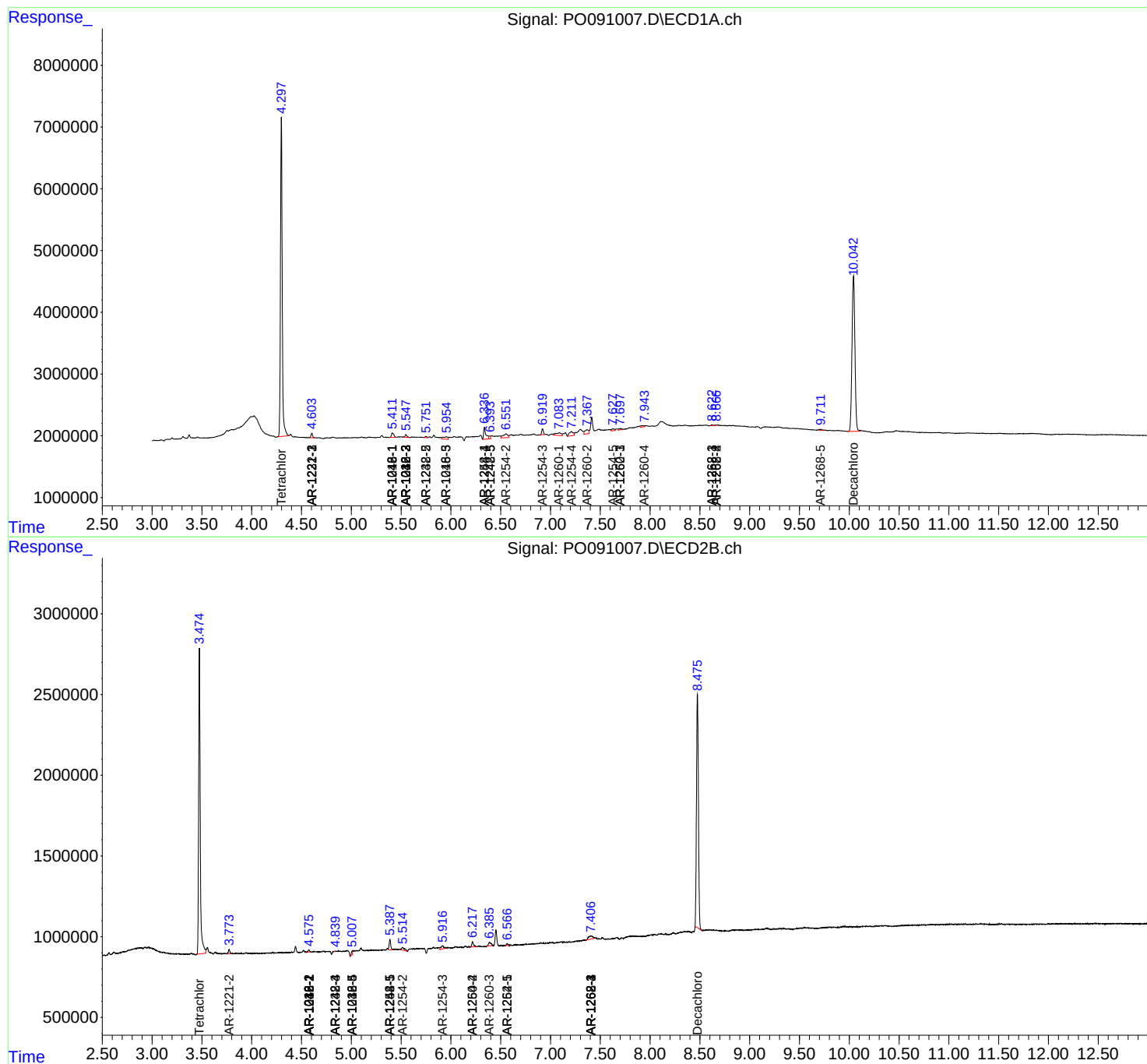
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

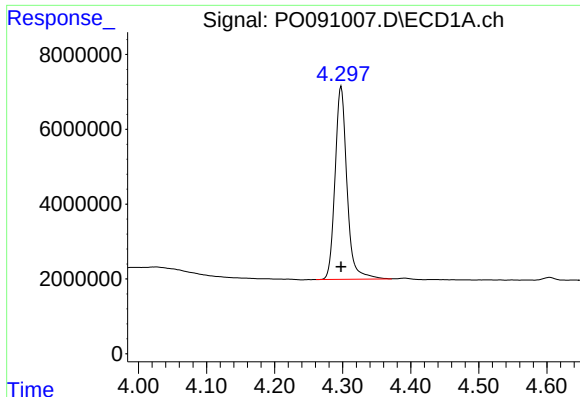
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO120222\  
Data File : PO091007.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Dec 2022 23:45  
Operator : YP/AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 03 04:24:12 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

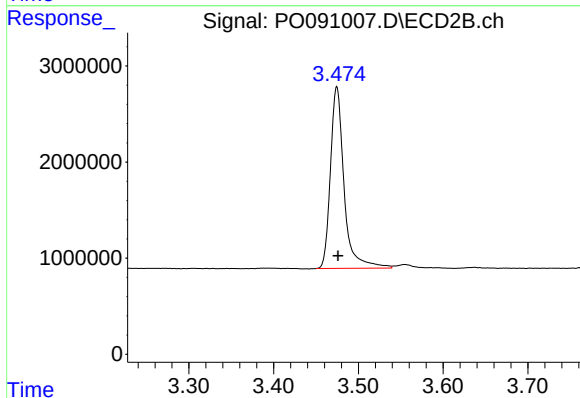




#1 Tetrachloro-m-xylene

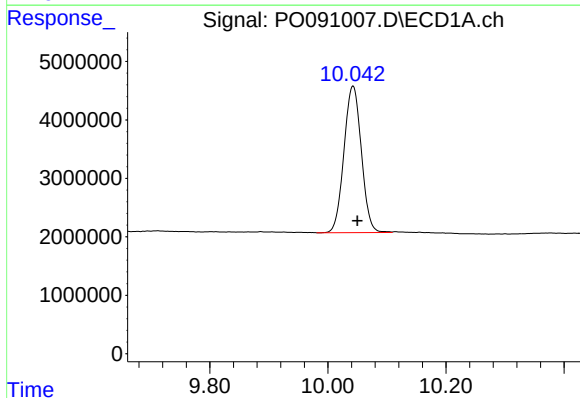
R.T.: 4.298 min  
Delta R.T.: 0.000 min  
Response: 62851207  
Conc: 18.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



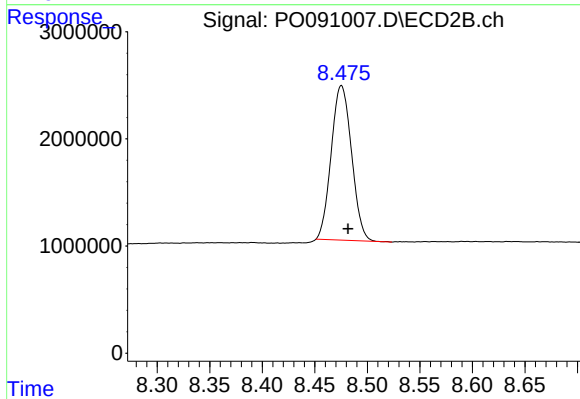
#1 Tetrachloro-m-xylene

R.T.: 3.475 min  
Delta R.T.: -0.002 min  
Response: 21151977  
Conc: 20.15 ng/ml



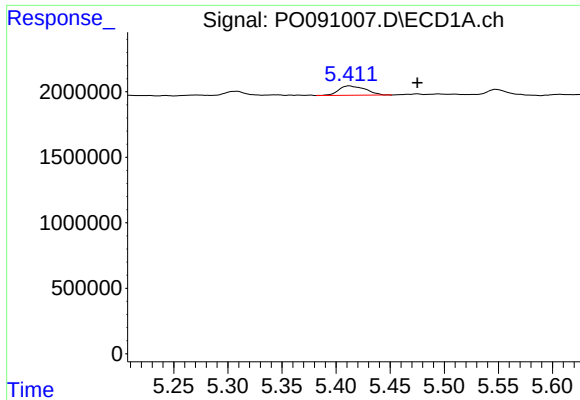
#2 Decachlorobiphenyl

R.T.: 10.043 min  
Delta R.T.: -0.007 min  
Response: 51321925  
Conc: 19.32 ng/ml



#2 Decachlorobiphenyl

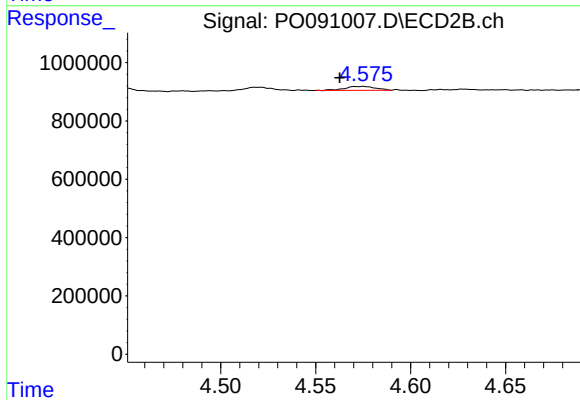
R.T.: 8.475 min  
Delta R.T.: -0.006 min  
Response: 19433417  
Conc: 20.02 ng/ml



#3 AR-1016-1

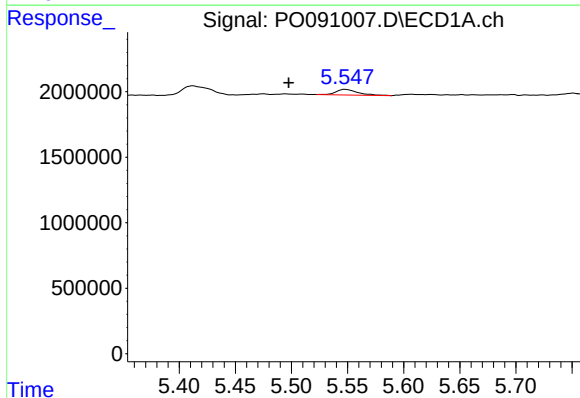
R.T.: 5.412 min  
Delta R.T.: -0.063 min  
Response: 1226992  
Conc: 10.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



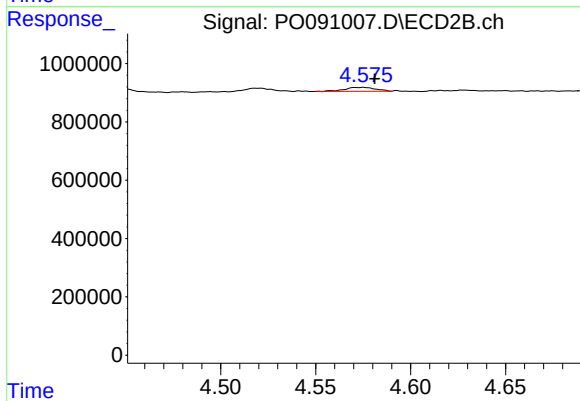
#3 AR-1016-1

R.T.: 4.575 min  
Delta R.T.: 0.012 min  
Response: 151693  
Conc: 4.12 ng/ml



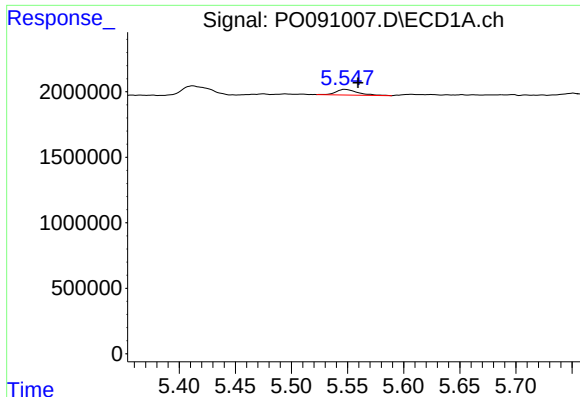
#4 AR-1016-2

R.T.: 5.548 min  
Delta R.T.: 0.050 min  
Response: 582383  
Conc: 3.58 ng/ml



#4 AR-1016-2

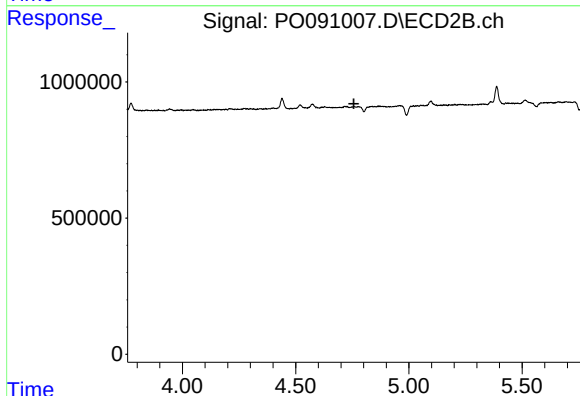
R.T.: 4.575 min  
Delta R.T.: -0.006 min  
Response: 151693  
Conc: 2.94 ng/ml



#5 AR-1016-3

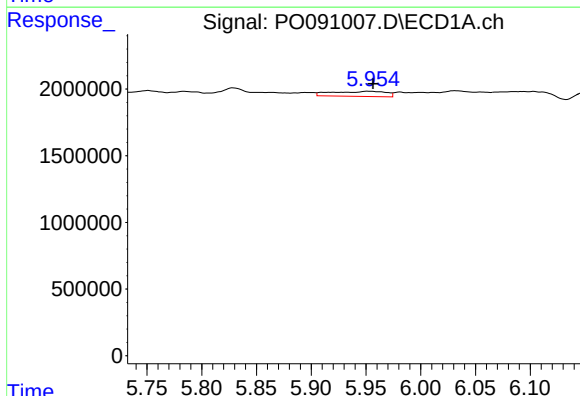
R.T.: 5.548 min  
Delta R.T.: -0.011 min  
Response: 582383  
Conc: 5.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



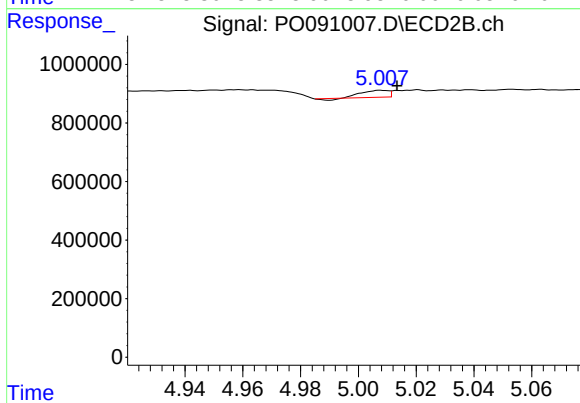
#5 AR-1016-3

R.T.: 4.820 min  
Delta R.T.: 0.063 min  
Response: -86999  
Conc: N.D.



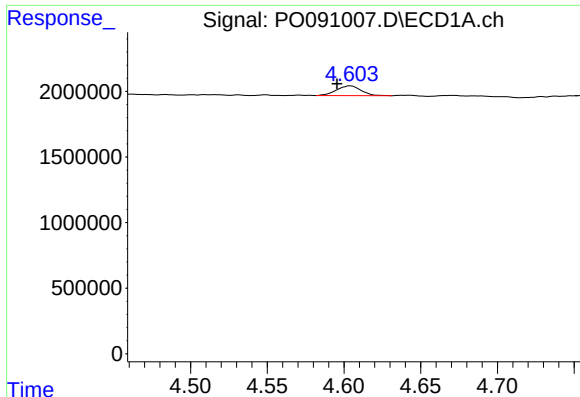
#7 AR-1016-5

R.T.: 5.953 min  
Delta R.T.: -0.003 min  
Response: 1288369  
Conc: 14.69 ng/ml



#7 AR-1016-5

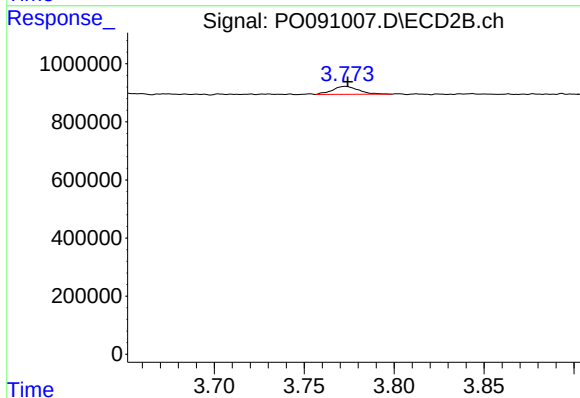
R.T.: 5.008 min  
Delta R.T.: -0.006 min  
Response: 137986  
Conc: 4.68 ng/ml



#9 AR-1221-2

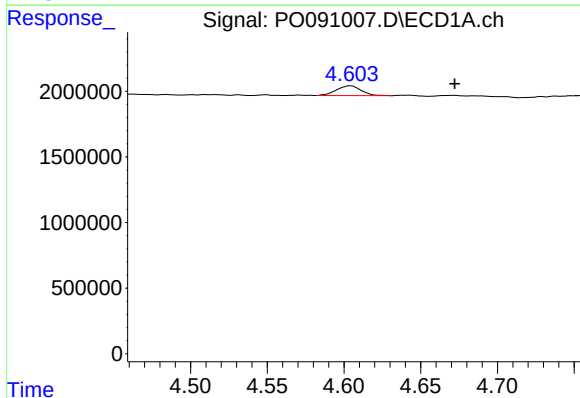
R.T.: 4.604 min  
Delta R.T.: 0.009 min  
Response: 834957  
Conc: 27.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



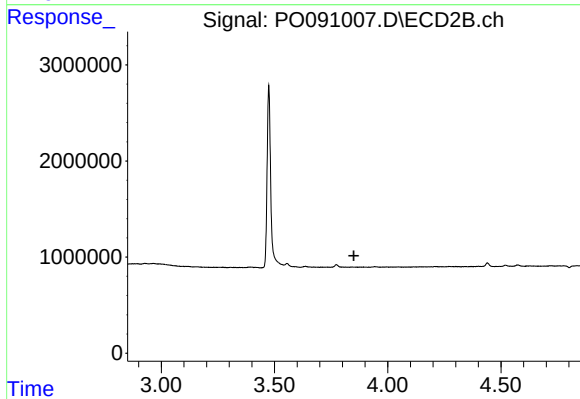
#9 AR-1221-2

R.T.: 3.773 min  
Delta R.T.: -0.001 min  
Response: 274841  
Conc: 27.64 ng/ml



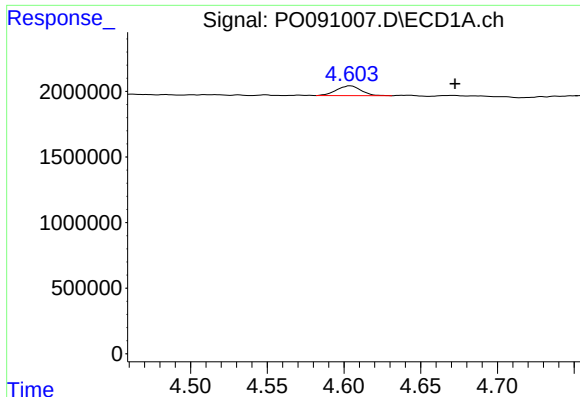
#10 AR-1221-3

R.T.: 4.604 min  
Delta R.T.: -0.068 min  
Response: 834957  
Conc: 9.08 ng/ml



#10 AR-1221-3

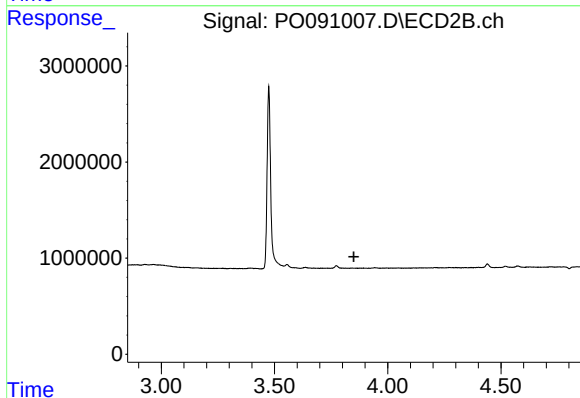
R.T.: 0.000 min  
Exp R.T. : 3.851 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

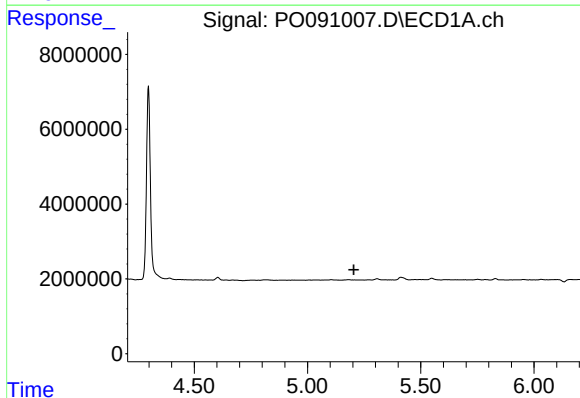
R.T.: 4.604 min  
Delta R.T.: -0.068 min  
Response: 834957  
Conc: 11.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



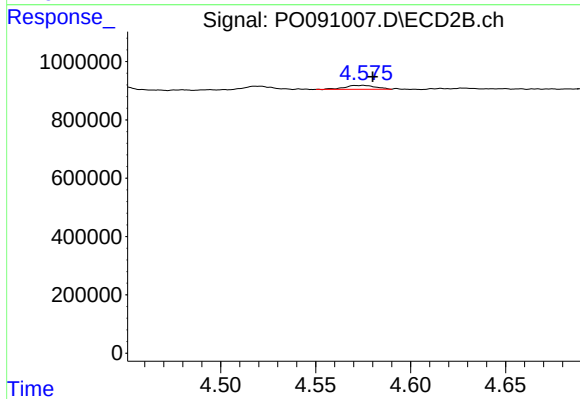
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 3.850 min  
Response: 0  
Conc: N.D.



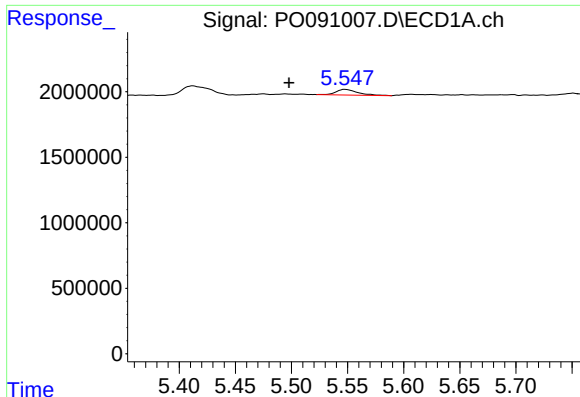
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.205 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

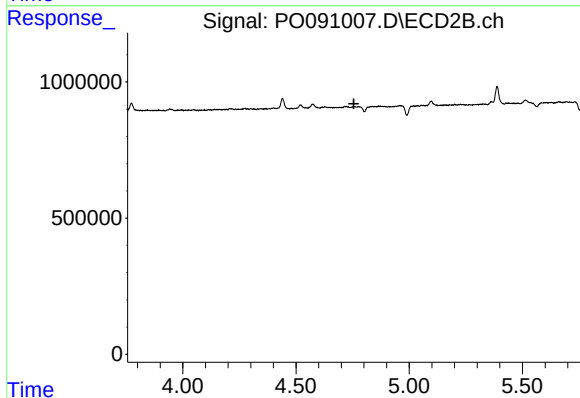
R.T.: 4.575 min  
Delta R.T.: -0.005 min  
Response: 151693  
Conc: 6.28 ng/ml



#13 AR-1232-3

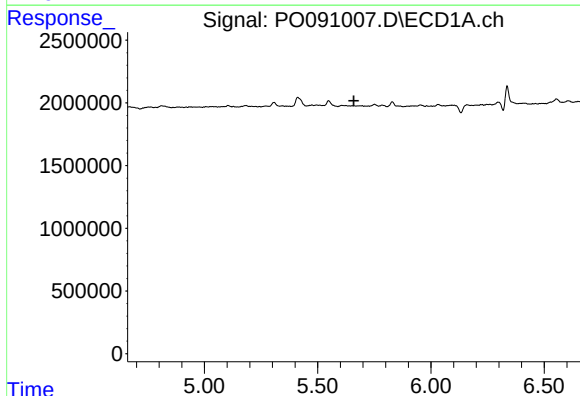
R.T.: 5.548 min  
Delta R.T.: 0.050 min  
Response: 582383  
Conc: 7.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



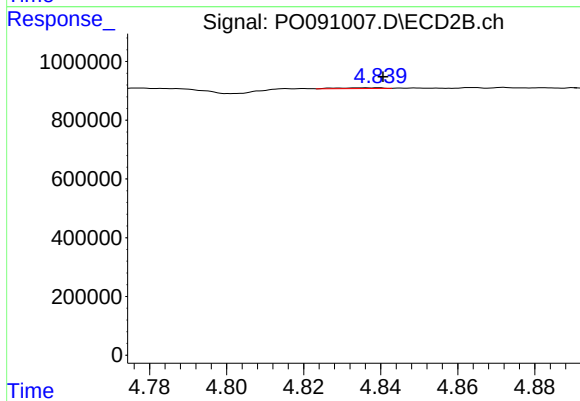
#13 AR-1232-3

R.T.: 4.820 min  
Delta R.T.: 0.065 min  
Response: -86999  
Conc: N.D.



#14 AR-1232-4

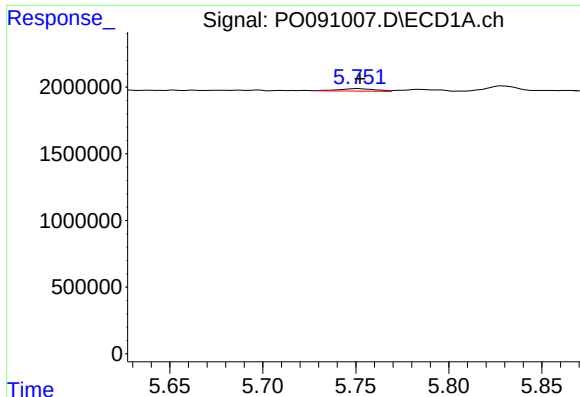
R.T.: 0.000 min  
Exp R.T. : 5.659 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

R.T.: 4.840 min  
Delta R.T.: -0.001 min  
Response: 22429  
Conc: 1.86 ng/ml

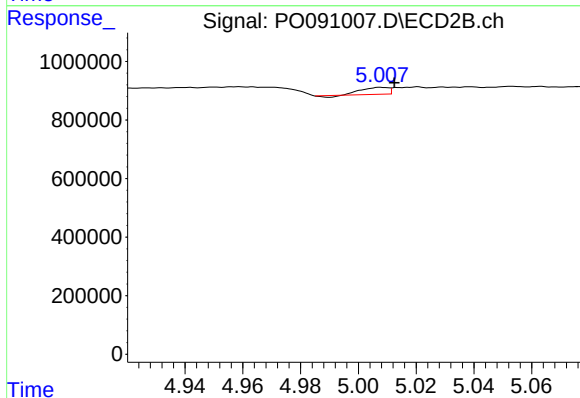




#15 AR-1232-5

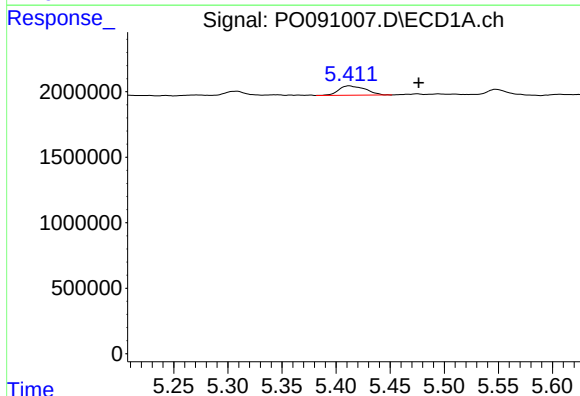
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 257148  
Conc: 8.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



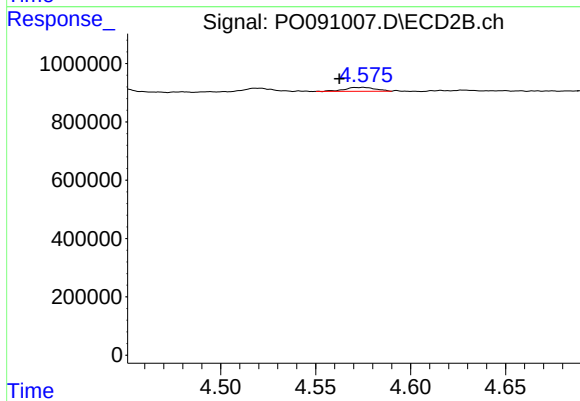
#15 AR-1232-5

R.T.: 5.008 min  
Delta R.T.: -0.005 min  
Response: 137986  
Conc: 10.20 ng/ml



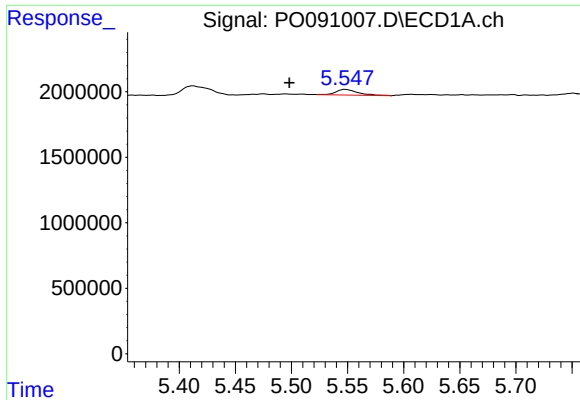
#16 AR-1242-1

R.T.: 5.412 min  
Delta R.T.: -0.064 min  
Response: 1226992  
Conc: 13.75 ng/ml



#16 AR-1242-1

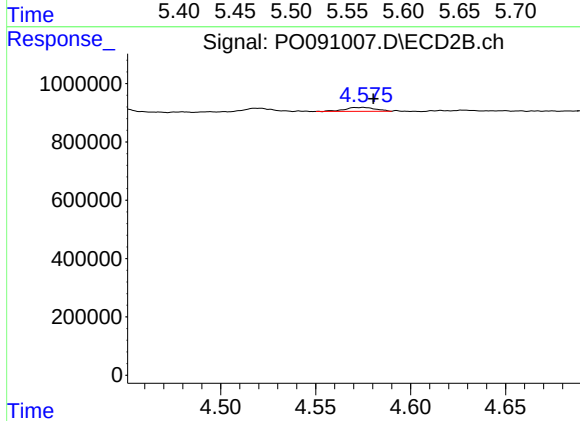
R.T.: 4.575 min  
Delta R.T.: 0.013 min  
Response: 151693  
Conc: 5.22 ng/ml



#17 AR-1242-2

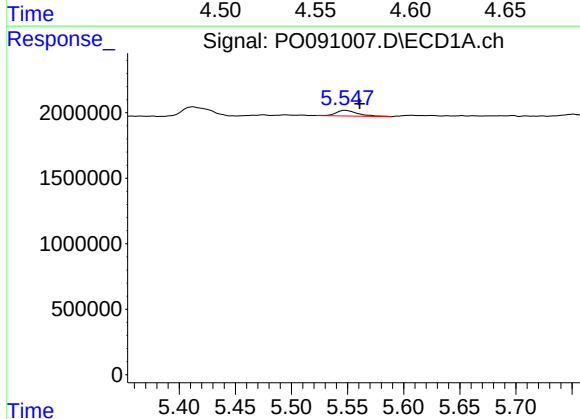
R.T.: 5.548 min  
Delta R.T.: 0.050 min  
Response: 582383  
Conc: 4.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



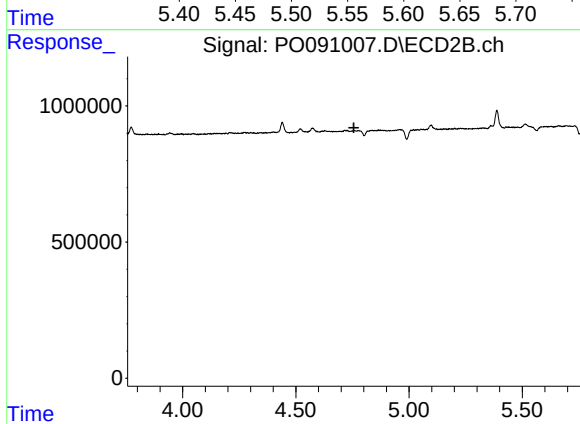
#17 AR-1242-2

R.T.: 4.575 min  
Delta R.T.: -0.005 min  
Response: 151693  
Conc: 3.76 ng/ml



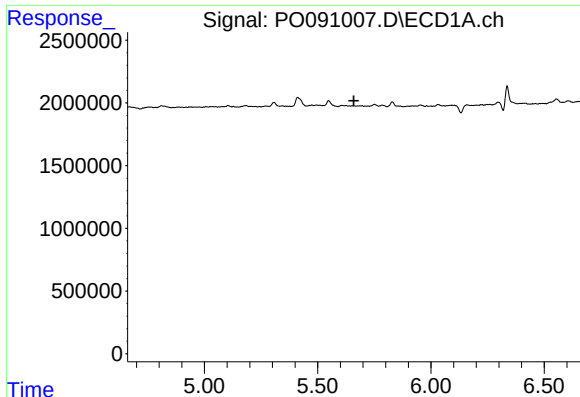
#18 AR-1242-3

R.T.: 5.548 min  
Delta R.T.: -0.013 min  
Response: 582383  
Conc: 6.99 ng/ml



#18 AR-1242-3

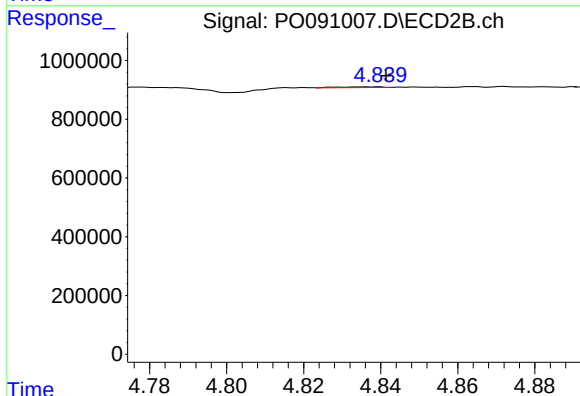
R.T.: 4.820 min  
Delta R.T.: 0.064 min  
Response: -86999  
Conc: N.D.



#19 AR-1242-4

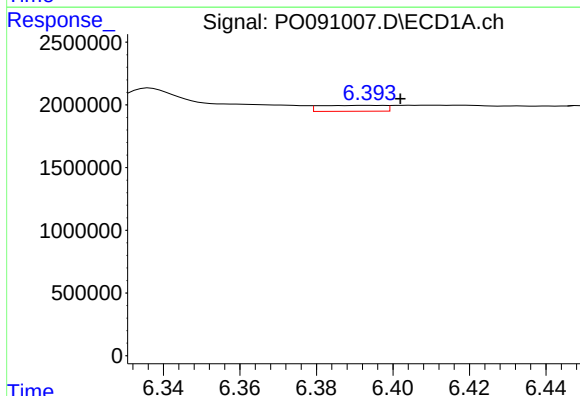
R.T.: 0.000 min  
Exp R.T.: 5.659 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



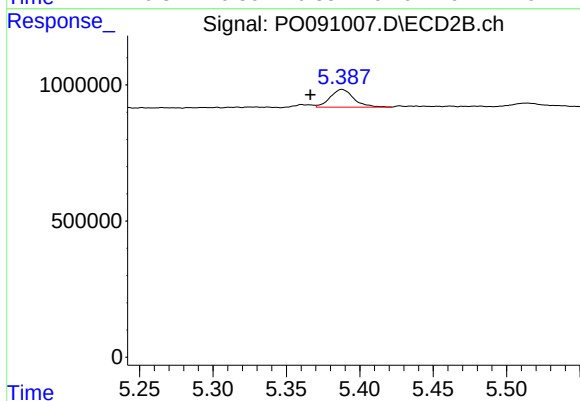
#19 AR-1242-4

R.T.: 4.840 min  
Delta R.T.: -0.002 min  
Response: 22429  
Conc: 0.98 ng/ml



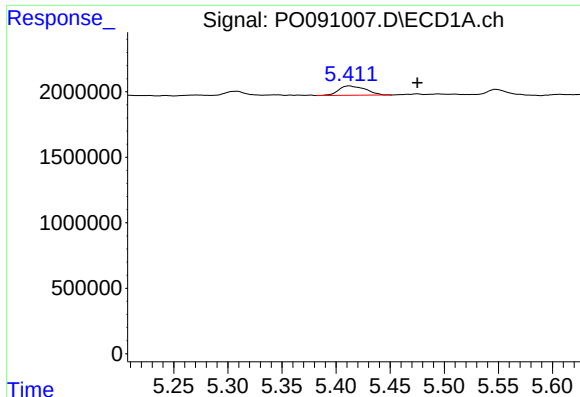
#20 AR-1242-5

R.T.: 6.394 min  
Delta R.T.: -0.008 min  
Response: 547967  
Conc: 8.02 ng/ml



#20 AR-1242-5

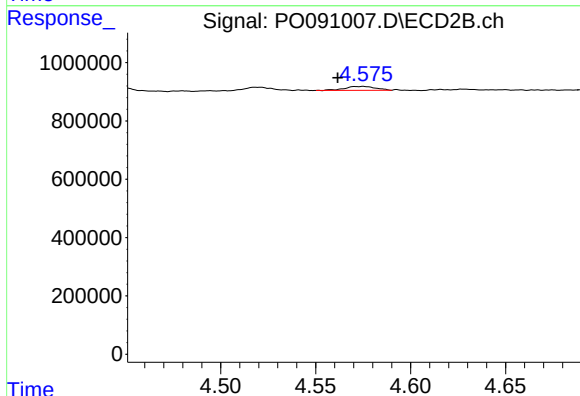
R.T.: 5.388 min  
Delta R.T.: 0.022 min  
Response: 728659  
Conc: 25.83 ng/ml



#21 AR-1248-1

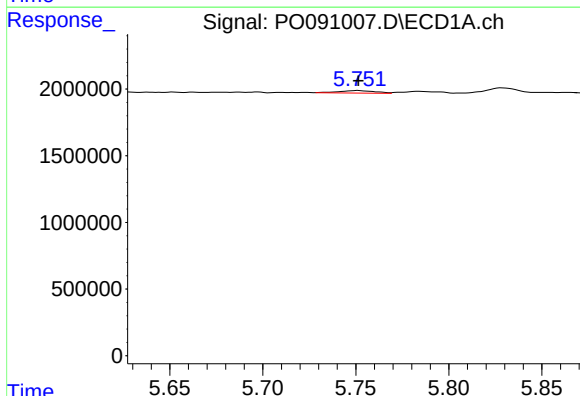
R.T.: 5.412 min  
Delta R.T.: -0.063 min  
Response: 1226992  
Conc: 17.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



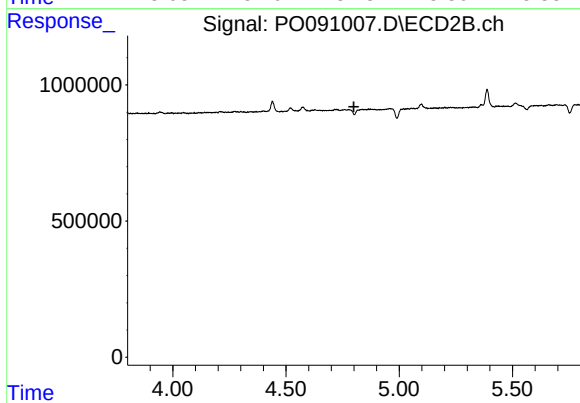
#21 AR-1248-1

R.T.: 4.575 min  
Delta R.T.: 0.014 min  
Response: 151693  
Conc: 6.45 ng/ml



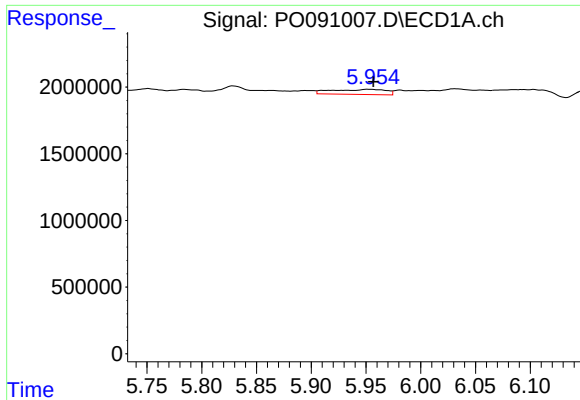
#22 AR-1248-2

R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 257148  
Conc: 2.43 ng/ml



#22 AR-1248-2

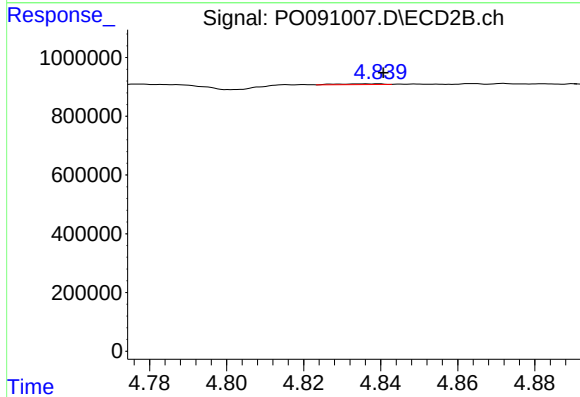
R.T.: 4.820 min  
Delta R.T.: 0.021 min  
Response: -86999  
Conc: N.D.



#23 AR-1248-3

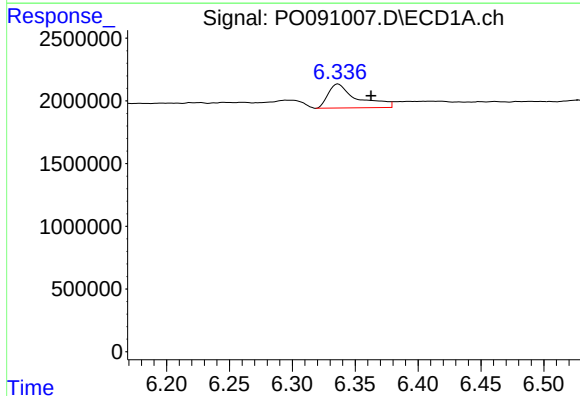
R.T.: 5.953 min  
Delta R.T.: -0.004 min  
Response: 1288369  
Conc: 10.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



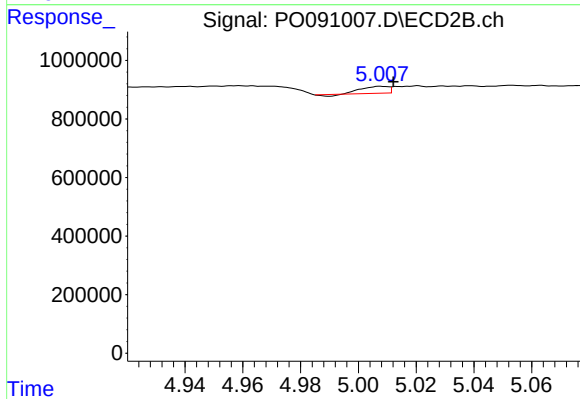
#23 AR-1248-3

R.T.: 4.840 min  
Delta R.T.: -0.001 min  
Response: 22429  
Conc: 0.66 ng/ml



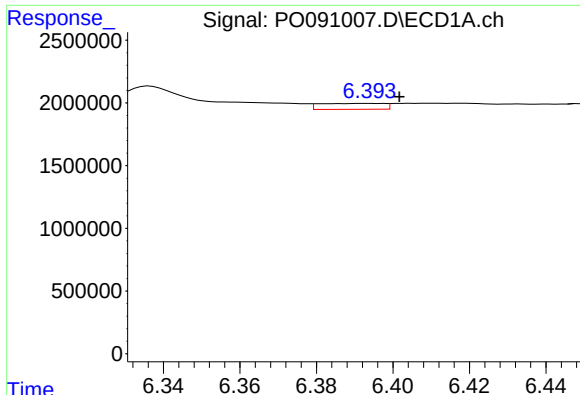
#24 AR-1248-4

R.T.: 6.336 min  
Delta R.T.: -0.026 min  
Response: 3065879  
Conc: 25.07 ng/ml



#24 AR-1248-4

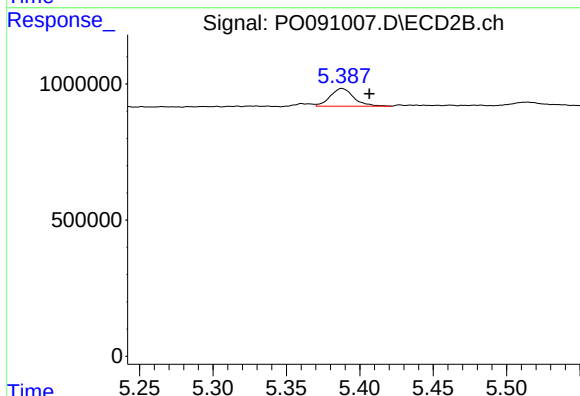
R.T.: 5.008 min  
Delta R.T.: -0.004 min  
Response: 137986  
Conc: 3.46 ng/ml



#25 AR-1248-5

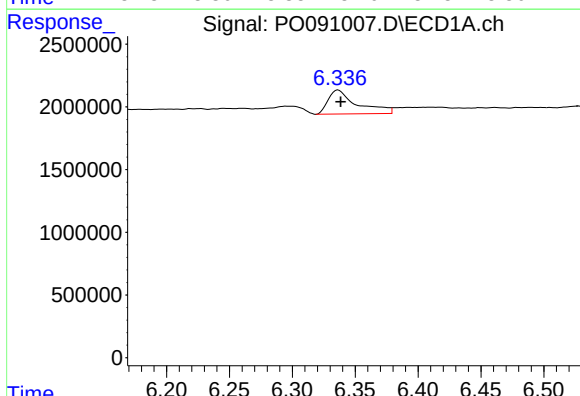
R.T.: 6.394 min  
Delta R.T.: -0.008 min  
Response: 547967  
Conc: 4.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



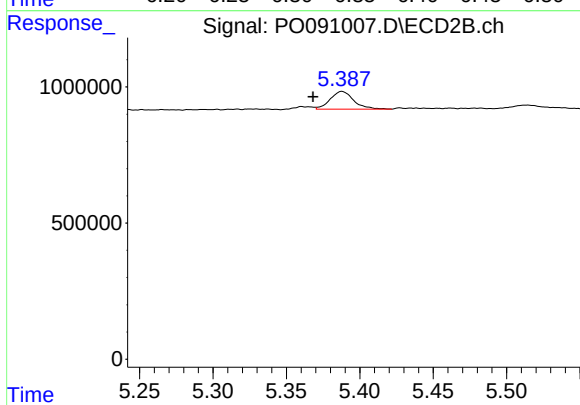
#25 AR-1248-5

R.T.: 5.388 min  
Delta R.T.: -0.019 min  
Response: 728659  
Conc: 20.33 ng/ml



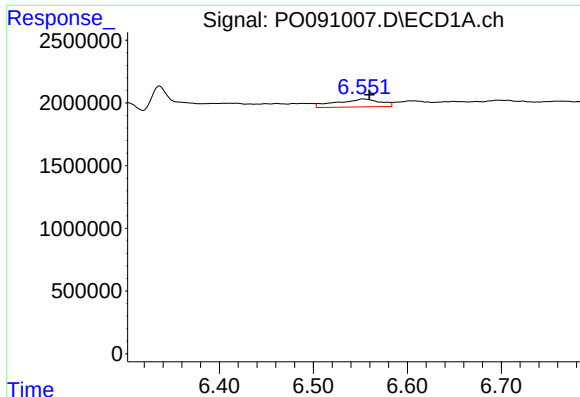
#26 AR-1254-1

R.T.: 6.336 min  
Delta R.T.: -0.002 min  
Response: 3065879  
Conc: 24.41 ng/ml



#26 AR-1254-1

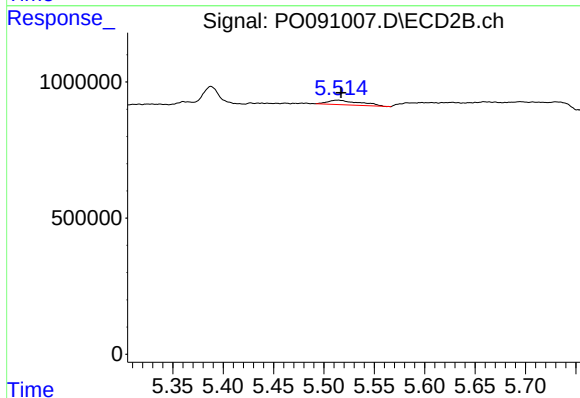
R.T.: 5.388 min  
Delta R.T.: 0.020 min  
Response: 728659  
Conc: 12.43 ng/ml



#27 AR-1254-2

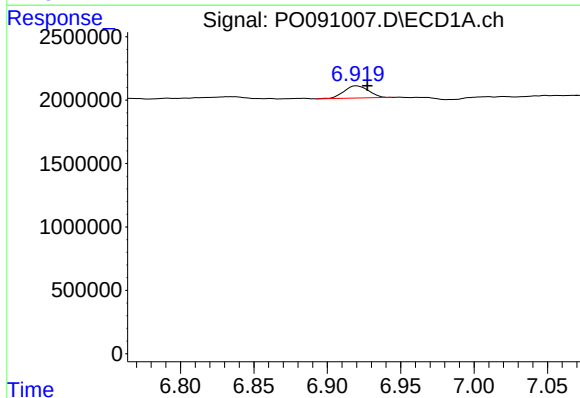
R.T.: 6.553 min  
Delta R.T.: -0.006 min  
Response: 2038769  
Conc: 10.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



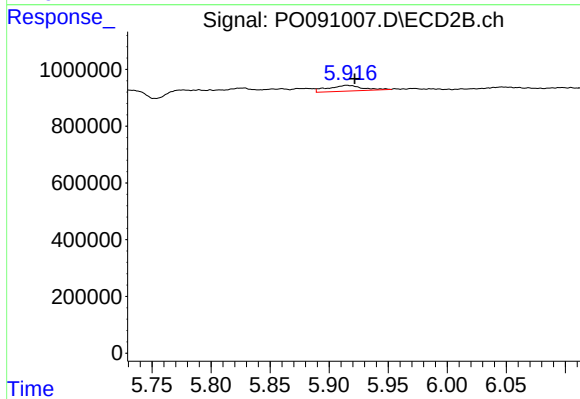
#27 AR-1254-2

R.T.: 5.514 min  
Delta R.T.: -0.003 min  
Response: 377753  
Conc: 7.08 ng/ml



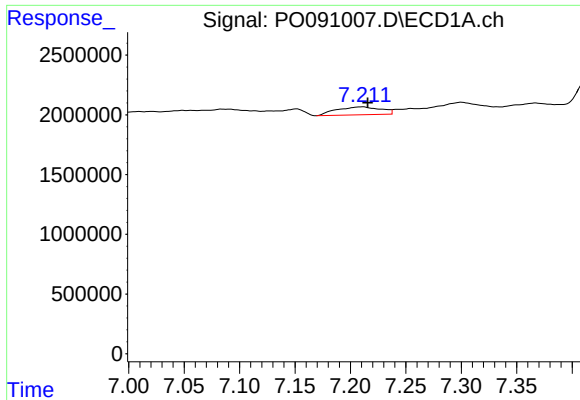
#28 AR-1254-3

R.T.: 6.920 min  
Delta R.T.: -0.007 min  
Response: 1136434  
Conc: 6.06 ng/ml



#28 AR-1254-3

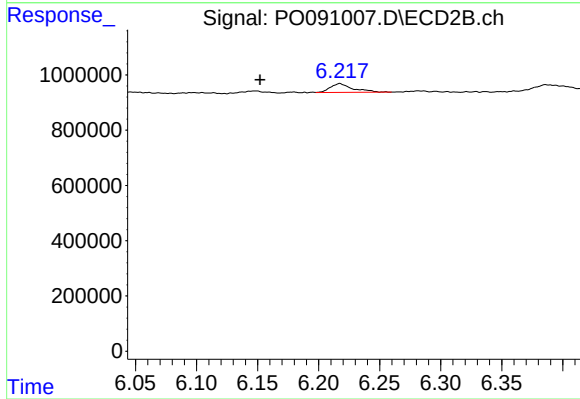
R.T.: 5.915 min  
Delta R.T.: -0.007 min  
Response: 410072  
Conc: 5.03 ng/ml



#29 AR-1254-4

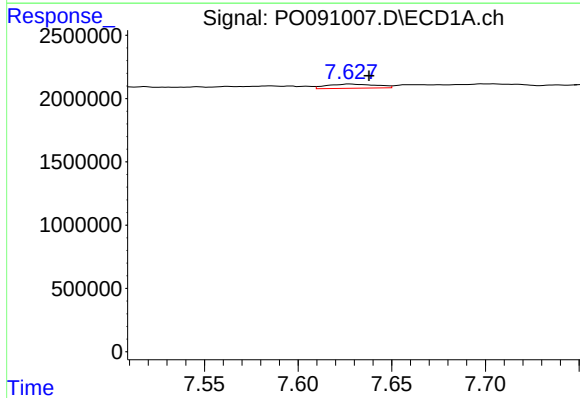
R.T.: 7.211 min  
Delta R.T.: -0.005 min  
Response: 1838256  
Conc: 13.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



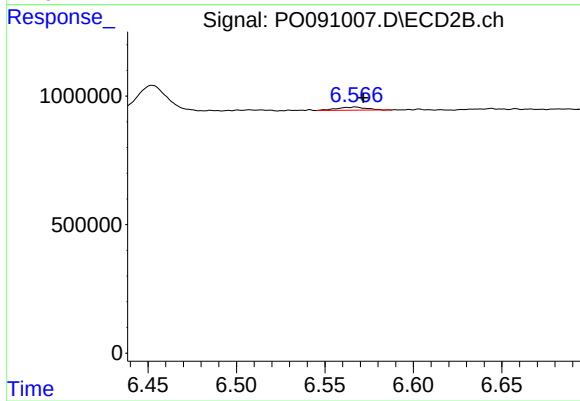
#29 AR-1254-4

R.T.: 6.217 min  
Delta R.T.: 0.065 min  
Response: 406644  
Conc: 8.31 ng/ml



#30 AR-1254-5

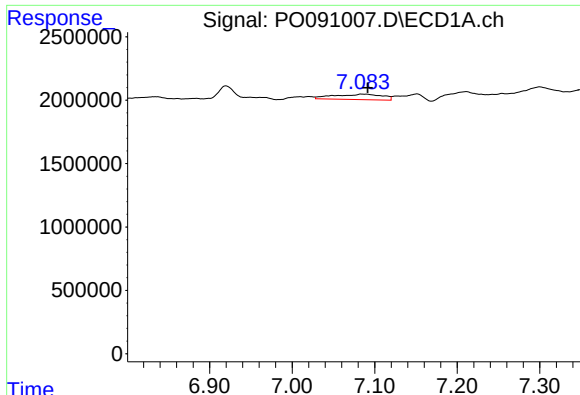
R.T.: 7.628 min  
Delta R.T.: -0.010 min  
Response: 600584  
Conc: 3.91 ng/ml



#30 AR-1254-5

R.T.: 6.567 min  
Delta R.T.: -0.005 min  
Response: 141785  
Conc: 1.90 ng/ml

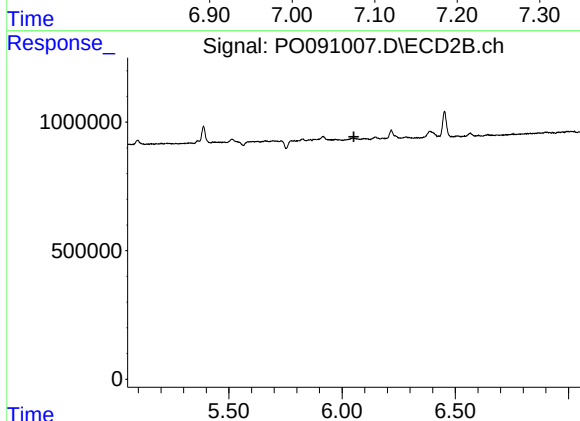




#31 AR-1260-1

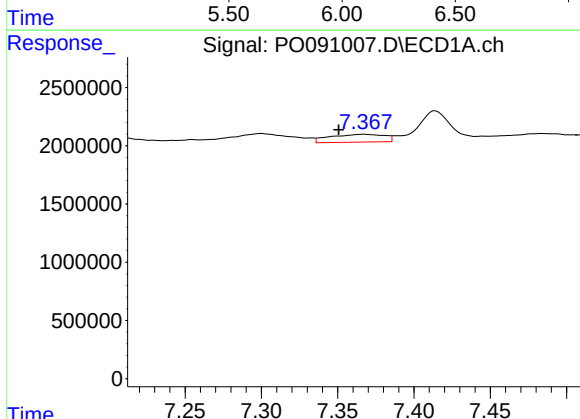
R.T.: 7.084 min  
Delta R.T.: -0.008 min  
Response: 1733296  
Conc: 11.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



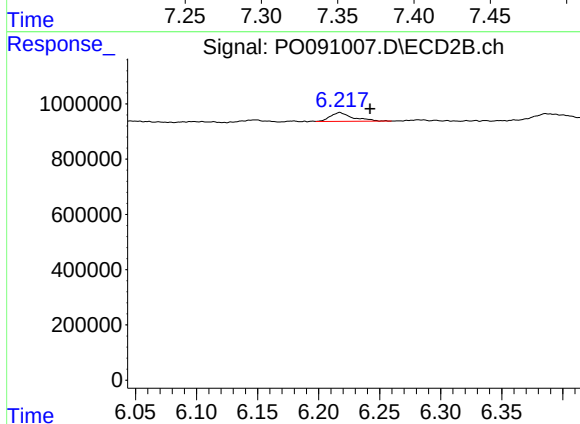
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.052 min  
Response: 0  
Conc: N.D.



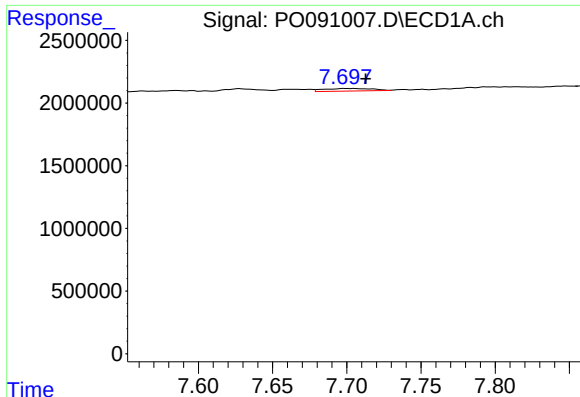
#32 AR-1260-2

R.T.: 7.367 min  
Delta R.T.: 0.016 min  
Response: 1687143  
Conc: 9.67 ng/ml



#32 AR-1260-2

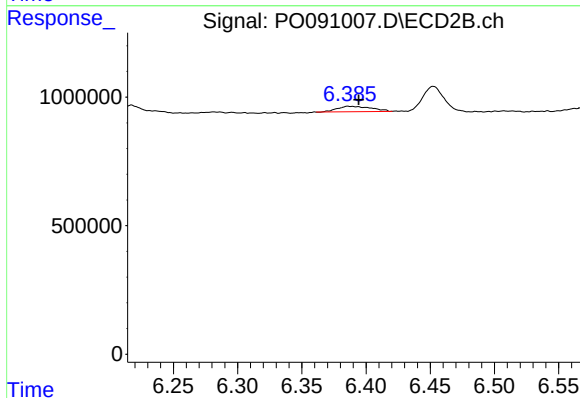
R.T.: 6.217 min  
Delta R.T.: -0.025 min  
Response: 406644  
Conc: 5.96 ng/ml



#33 AR-1260-3

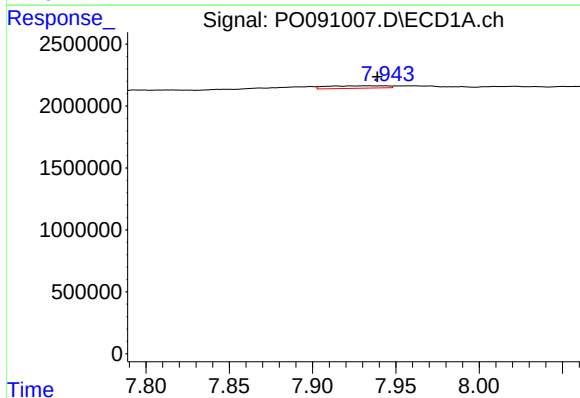
R.T.: 7.698 min  
Delta R.T.: -0.014 min  
Response: 466174  
Conc: 4.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



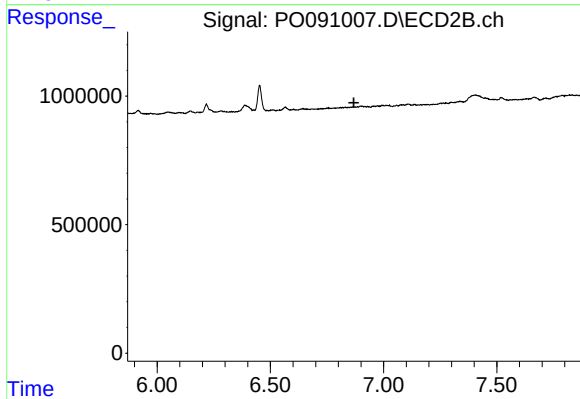
#33 AR-1260-3

R.T.: 6.386 min  
Delta R.T.: -0.008 min  
Response: 389936  
Conc: 5.94 ng/ml



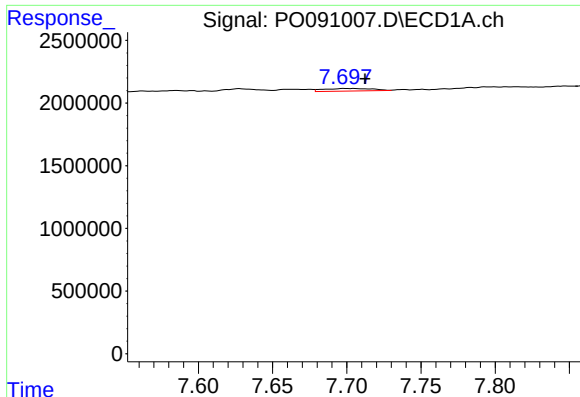
#34 AR-1260-4

R.T.: 7.942 min  
Delta R.T.: 0.003 min  
Response: 511161  
Conc: 3.77 ng/ml



#34 AR-1260-4

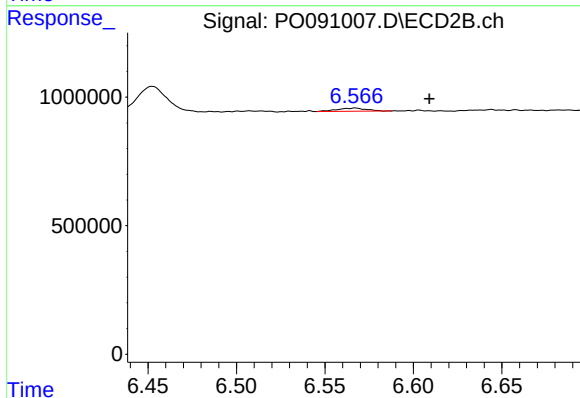
R.T.: 0.000 min  
Exp R.T.: 6.869 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

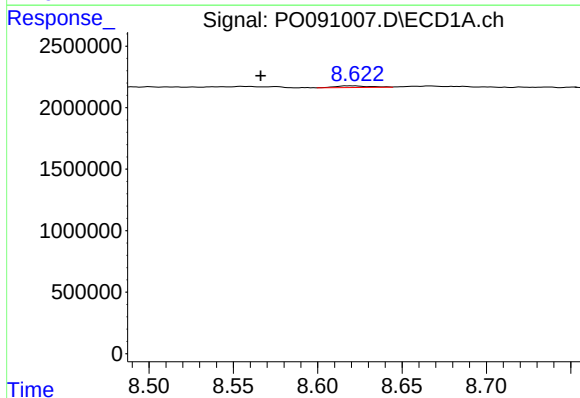
R.T.: 7.698 min  
Delta R.T.: -0.014 min  
Response: 466174  
Conc: 2.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



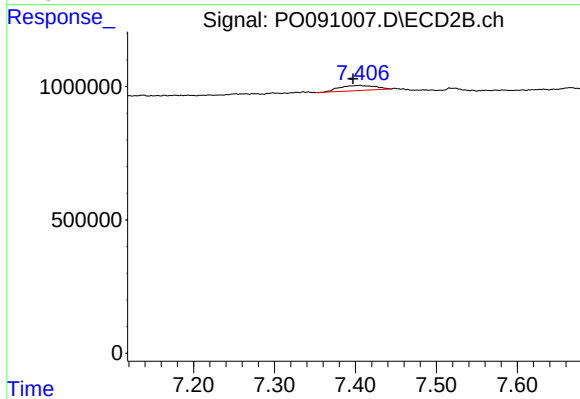
#36 AR-1262-1

R.T.: 6.567 min  
Delta R.T.: -0.042 min  
Response: 141785  
Conc: 1.89 ng/ml



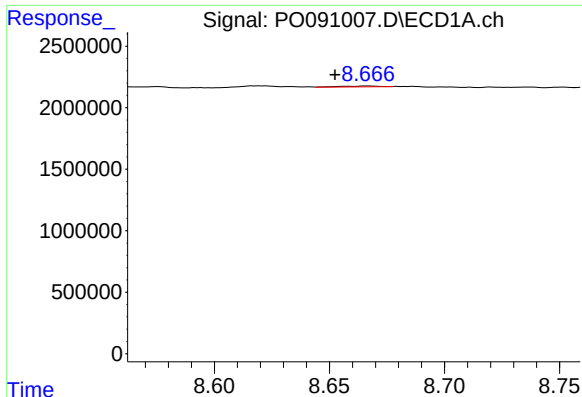
#38 AR-1262-3

R.T.: 8.622 min  
Delta R.T.: 0.055 min  
Response: 182996  
Conc: 0.85 ng/ml



#38 AR-1262-3

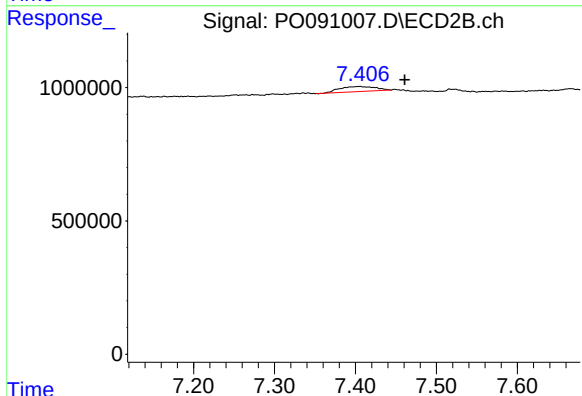
R.T.: 7.405 min  
Delta R.T.: 0.008 min  
Response: 591532  
Conc: 11.23 ng/ml



#39 AR-1262-4

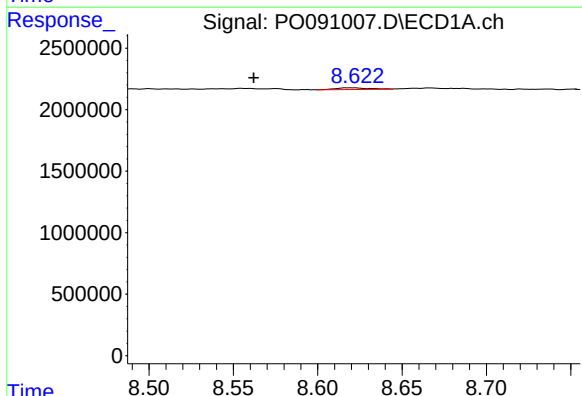
R.T.: 8.667 min  
Delta R.T.: 0.014 min  
Response: 73577  
Conc: 0.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



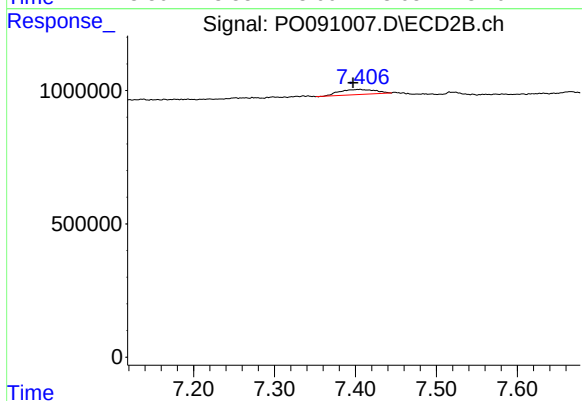
#39 AR-1262-4

R.T.: 7.405 min  
Delta R.T.: -0.056 min  
Response: 591532  
Conc: 6.23 ng/ml



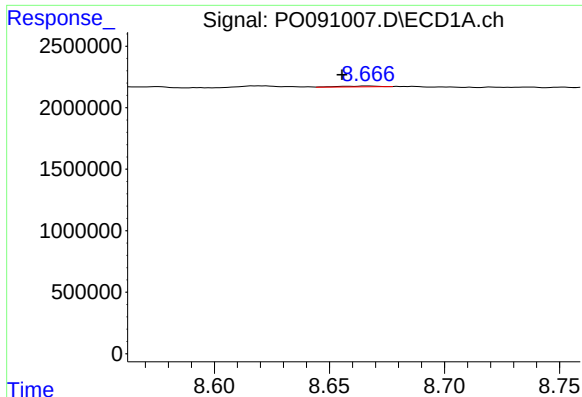
#41 AR-1268-1

R.T.: 8.622 min  
Delta R.T.: 0.059 min  
Response: 182996  
Conc: 0.50 ng/ml



#41 AR-1268-1

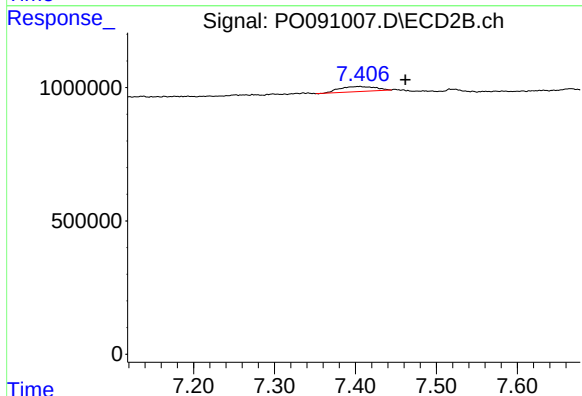
R.T.: 7.405 min  
Delta R.T.: 0.008 min  
Response: 591532  
Conc: 3.97 ng/ml



#42 AR-1268-2

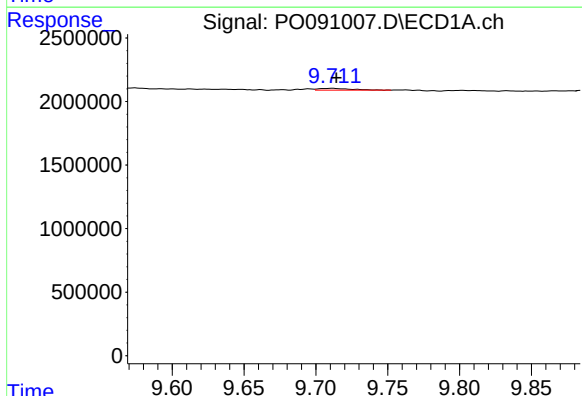
R.T.: 8.667 min  
Delta R.T.: 0.011 min  
Response: 73577  
Conc: 0.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



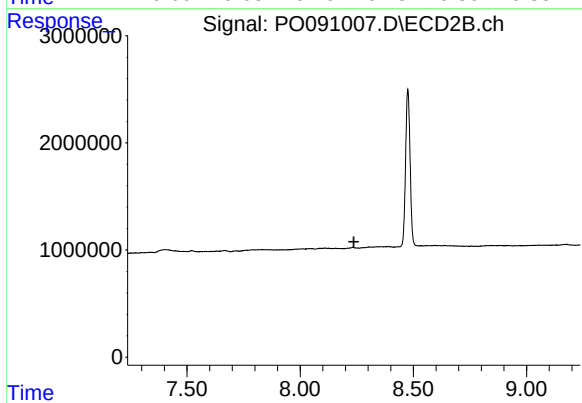
#42 AR-1268-2

R.T.: 7.405 min  
Delta R.T.: -0.057 min  
Response: 591532  
Conc: 4.40 ng/ml



#45 AR-1268-5

R.T.: 9.712 min  
Delta R.T.: -0.003 min  
Response: 203115  
Conc: 0.22 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 8.237 min  
Response: 0  
Conc: N.D.