

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0012519\  
 Data File : P0053565.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 25 Jan 2019 18:21  
 Operator : SM/SJ  
 Sample : K1229-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 012319-TIPC-F-D-B

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 28 05:40:18 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0012519.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Jan 28 05:34:06 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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... | 4.115 | 3.173 | 26015665 | 4299552 | 20.078  | 18.121    |
| 2)                          | SA Decachlor... | 9.522 | 7.789 | 14285647 | 4131599 | 16.321  | 16.519    |
| Target Compounds            |                 |       |       |          |         |         |           |
| 3)                          | L1 AR-1016-1    | 5.277 | 0.000 | 529157   | 0       | 15.936  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 5.277 | 0.000 | 529157   | 0       | 10.922  | N.D. #    |
| 5)                          | L1 AR-1016-3    | 5.362 | 4.394 | 346955   | 374084  | 12.036  | 50.352 #  |
| 6)                          | L1 AR-1016-4    | 5.487 | 4.394 | 167243   | 374084  | 6.956   | 67.614 #  |
| 7)                          | L1 AR-1016-5    | 5.722 | 0.000 | 65477    | 0       | 2.859   | N.D. #    |
| 8)                          | L2 AR-1221-1    | 4.338 | 3.323 | 452405   | 140016  | 37.905  | 53.982 #  |
| 9)                          | L2 AR-1221-2    | 4.403 | 3.507 | 2185001  | 192533  | 252.734 | 98.066 #  |
| 10)                         | L2 AR-1221-3    | 4.468 | 3.507 | 408387   | 192533  | 15.053  | 30.039 #  |
| 11)                         | L3 AR-1232-1    | 4.468 | 3.507 | 408387   | 192533  | 16.522  | 33.407 #  |
| 12)                         | L3 AR-1232-2    | 4.990 | 0.000 | 687731   | 0       | 57.059  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 5.277 | 4.394 | 529157   | 374084  | 22.661  | 105.496 # |
| 14)                         | L3 AR-1232-4    | 5.487 | 4.394 | 167243   | 374084  | 14.560  | 127.270 # |
| 15)                         | L3 AR-1232-5    | 5.518 | 0.000 | 1019325  | 0       | 144.369 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.277 | 0.000 | 529157   | 0       | 18.652  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 5.277 | 0.000 | 529157   | 0       | 12.672  | N.D. #    |
| 18)                         | L4 AR-1242-3    | 5.362 | 4.394 | 346955   | 374084  | 13.892  | 61.117 #  |
| 19)                         | L4 AR-1242-4    | 5.487 | 4.394 | 167243   | 374084  | 8.259   | 66.052 #  |
| 20)                         | L4 AR-1242-5    | 6.155 | 0.000 | 455673   | 0       | 22.206  | N.D. #    |
| 21)                         | L5 AR-1248-1    | 5.277 | 0.000 | 529157   | 0       | 26.140  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 5.518 | 4.394 | 1019325  | 374084  | 39.586  | 50.361 #  |
| 23)                         | L5 AR-1248-3    | 5.722 | 4.394 | 65477    | 374084  | 2.196   | 48.669 #  |
| 24)                         | L5 AR-1248-4    | 6.118 | 0.000 | 100959   | 0       | 3.004   | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.155 | 0.000 | 455673   | 0       | 13.985  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.065 | 0.000 | 323704   | 0       | 8.747   | N.D. #    |
| 27)                         | L6 AR-1254-2    | 6.302 | 0.000 | 9834     | 0       | 0.171   | N.D. #    |
| 28)                         | L6 AR-1254-3    | 6.696 | 0.000 | 409590   | 0       | 6.754   | N.D. #    |
| 30)                         | L6 AR-1254-5    | 7.346 | 0.000 | 181287   | 0       | 3.945   | N.D. #    |
| 31)                         | L7 AR-1260-1    | 6.762 | 5.503 | 427152   | 216528  | 10.875  | 14.835 #  |
| 32)                         | L7 AR-1260-2    | 7.097 | 0.000 | 53735    | 0       | 1.078   | N.D. #    |
| 33)                         | L7 AR-1260-3    | 7.483 | 0.000 | 119211   | 0       | 3.683   | N.D. #    |
| 34)                         | L7 AR-1260-4    | 7.657 | 0.000 | 131386   | 0       | 3.699   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 7.960 | 0.000 | 57194    | 0       | 0.752   | N.D. #    |
| 36)                         | L8 AR-1262-1    | 7.483 | 0.000 | 119211   | 0       | 1.984   | N.D. #    |
| 37)                         | L8 AR-1262-2    | 7.960 | 0.000 | 57194    | 0       | 0.546   | N.D. #    |
| -----                       |                 |       |       |          |         |         |           |

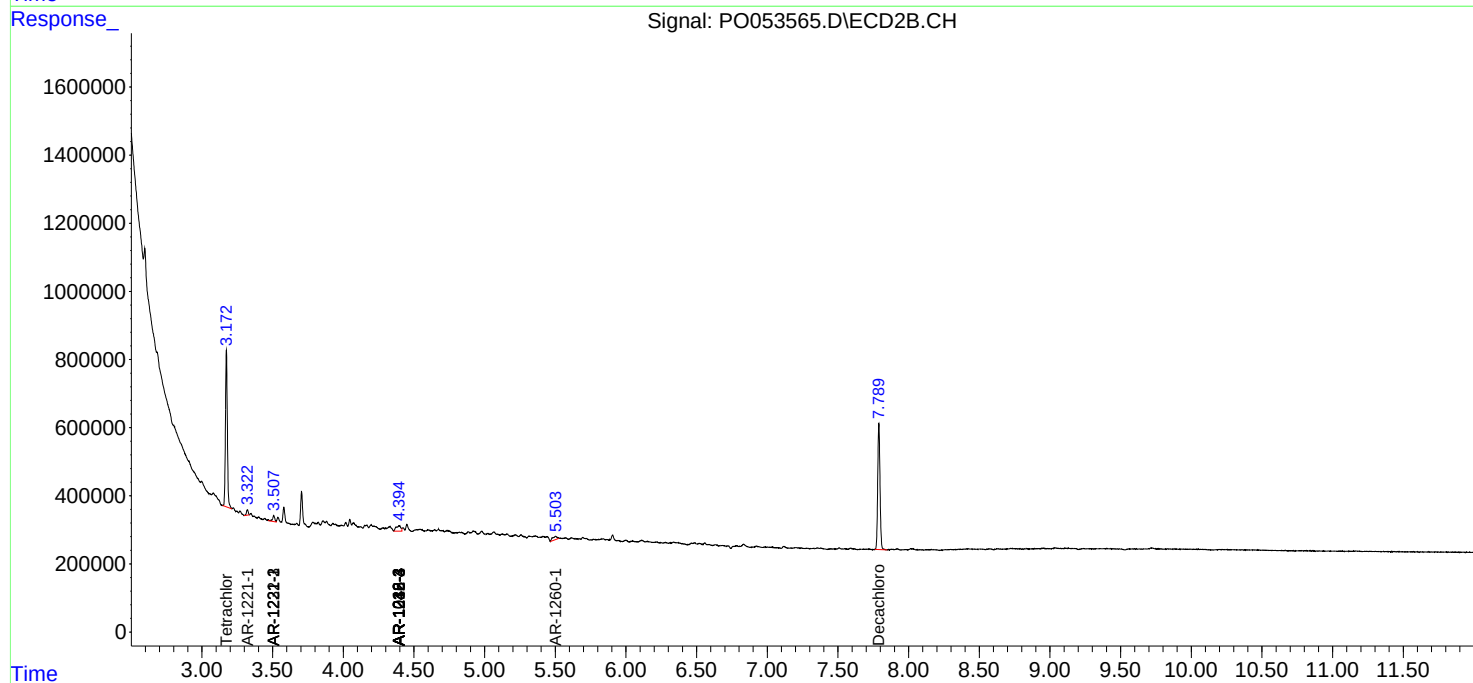
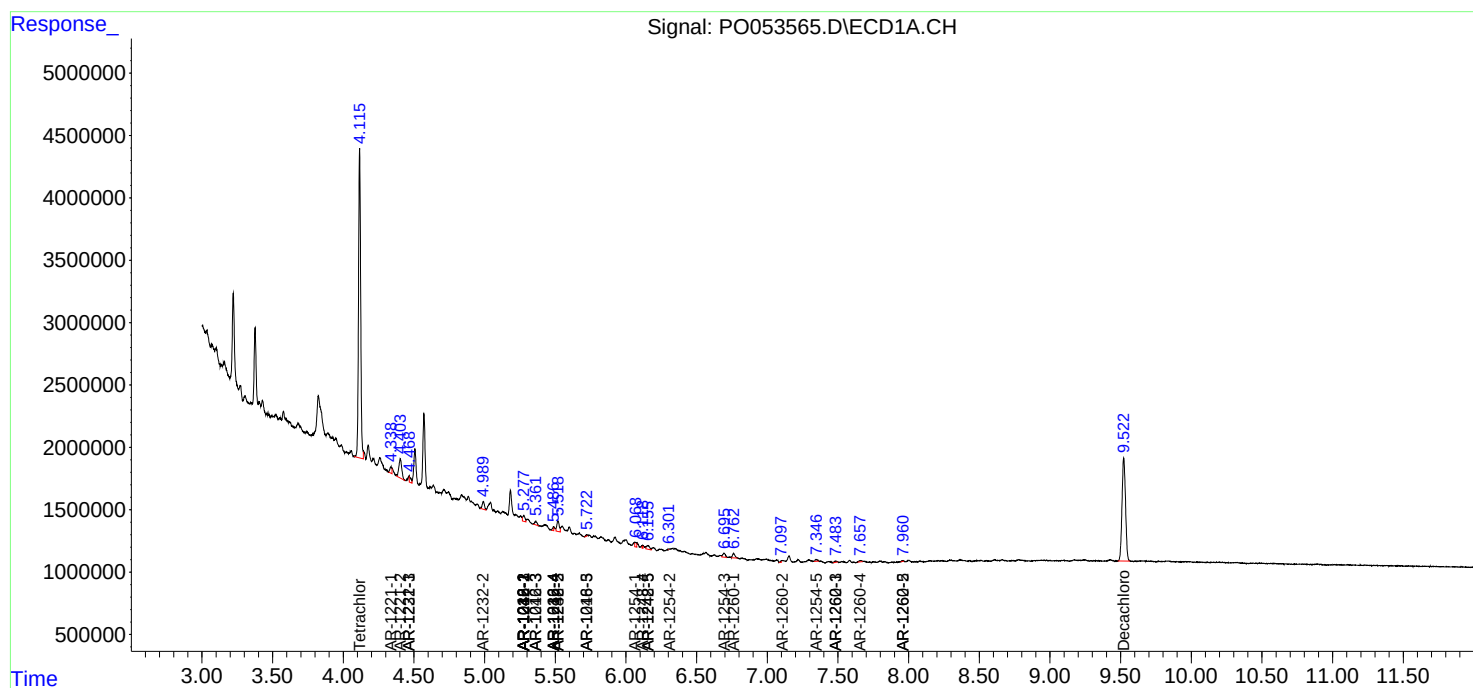
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

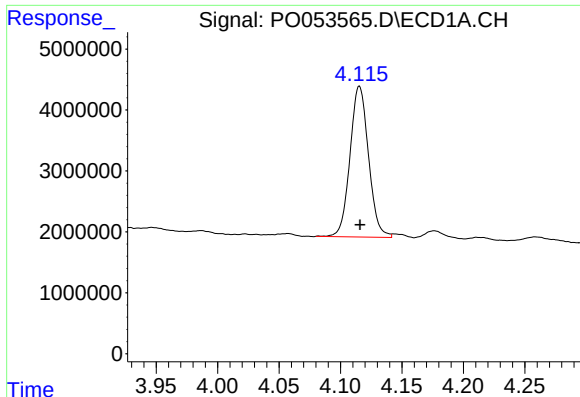
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0012519\  
Data File : P0053565.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 25 Jan 2019 18:21  
Operator : SM/SJ  
Sample : K1229-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 28 05:40:18 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0012519.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Jan 28 05:34:06 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

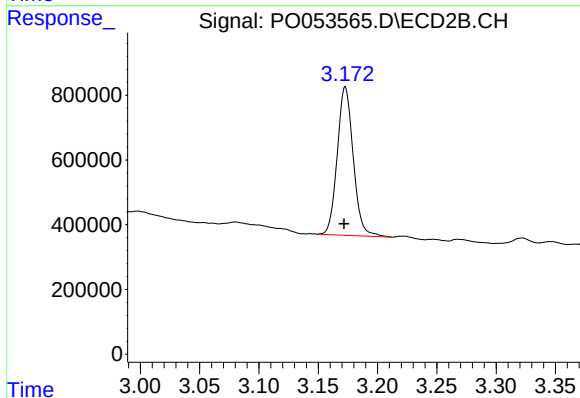




#1 Tetrachloro-m-xylene

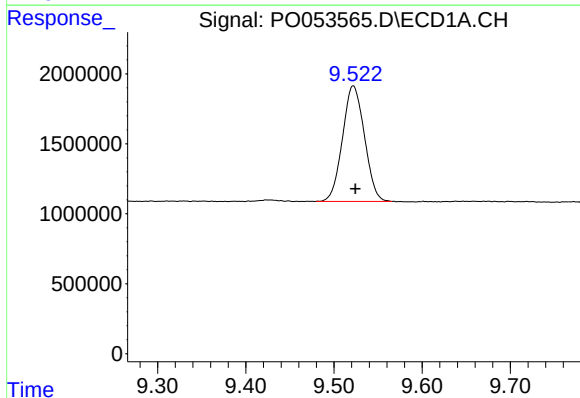
R.T.: 4.115 min  
Delta R.T.: 0.000 min  
Response: 26015665  
Conc: 20.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



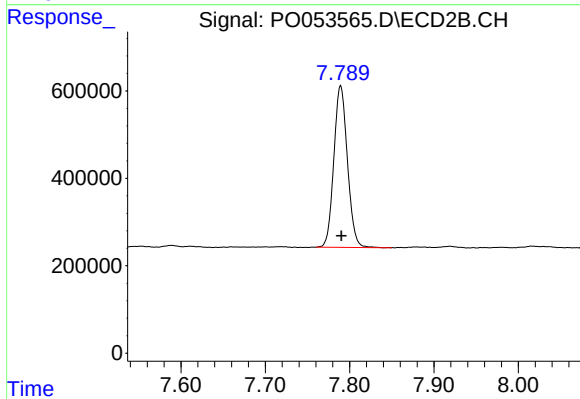
#1 Tetrachloro-m-xylene

R.T.: 3.173 min  
Delta R.T.: 0.001 min  
Response: 4299552  
Conc: 18.12 ng/ml



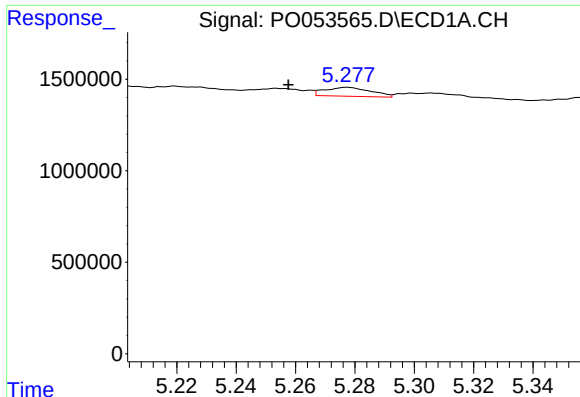
#2 Decachlorobiphenyl

R.T.: 9.522 min  
Delta R.T.: -0.002 min  
Response: 14285647  
Conc: 16.32 ng/ml



#2 Decachlorobiphenyl

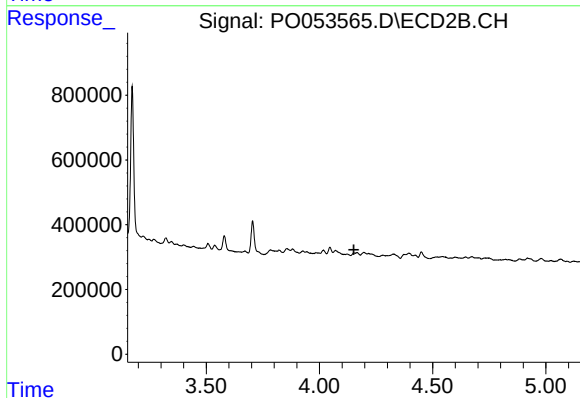
R.T.: 7.789 min  
Delta R.T.: 0.000 min  
Response: 4131599  
Conc: 16.52 ng/ml



#3 AR-1016-1

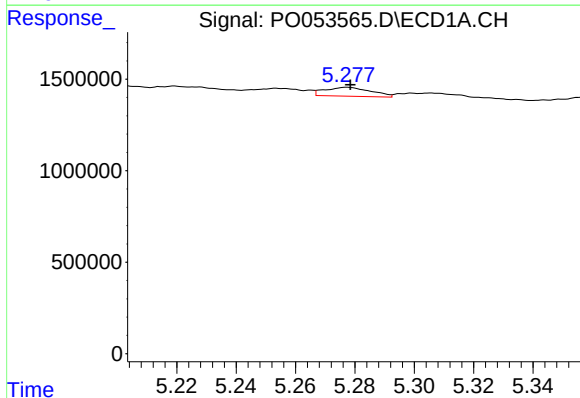
R.T.: 5.277 min  
Delta R.T.: 0.020 min  
Response: 529157  
Conc: 15.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



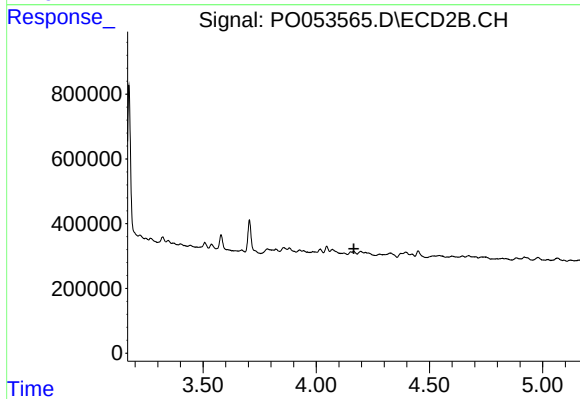
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.152 min  
Response: 0  
Conc: N.D.



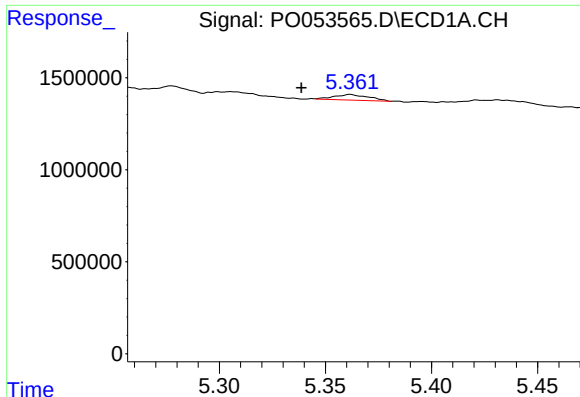
#4 AR-1016-2

R.T.: 5.277 min  
Delta R.T.: -0.001 min  
Response: 529157  
Conc: 10.92 ng/ml



#4 AR-1016-2

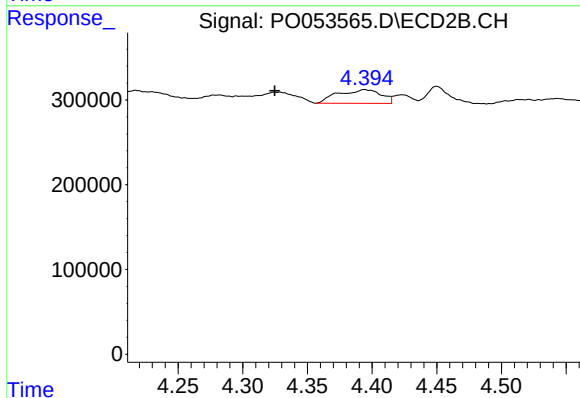
R.T.: 0.000 min  
Exp R.T. : 4.167 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

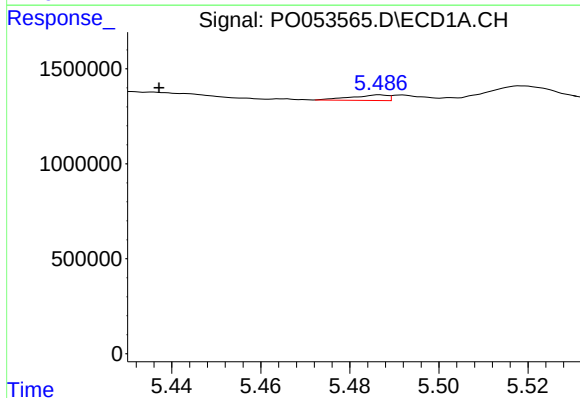
R.T.: 5.362 min  
Delta R.T.: 0.023 min  
Response: 346955  
Conc: 12.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



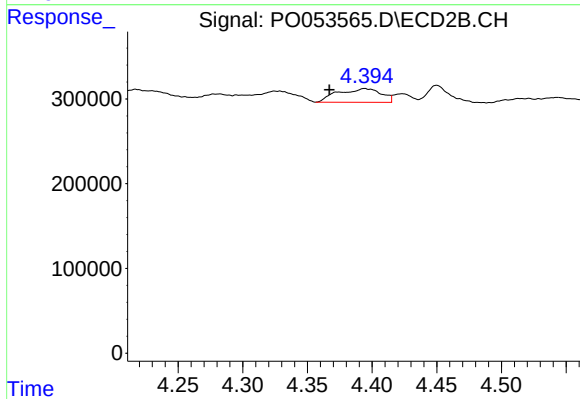
#5 AR-1016-3

R.T.: 4.394 min  
Delta R.T.: 0.070 min  
Response: 374084  
Conc: 50.35 ng/ml



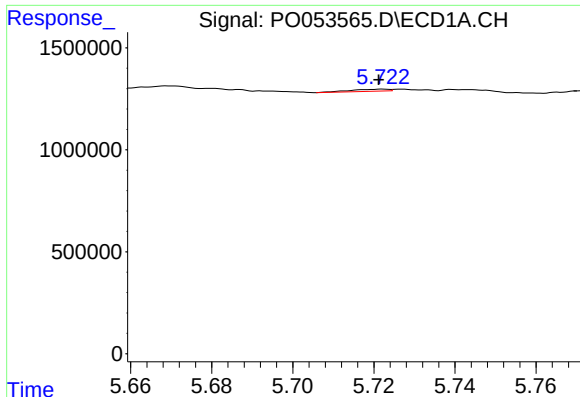
#6 AR-1016-4

R.T.: 5.487 min  
Delta R.T.: 0.050 min  
Response: 167243  
Conc: 6.96 ng/ml



#6 AR-1016-4

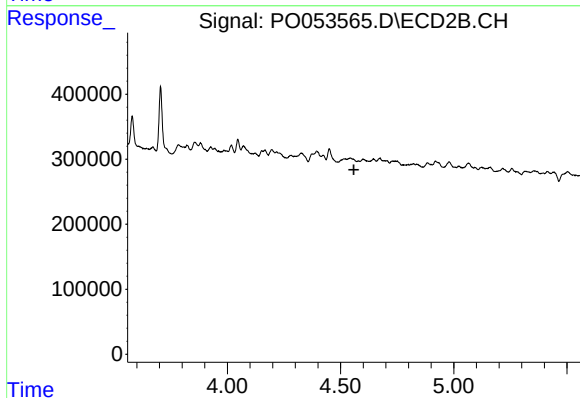
R.T.: 4.394 min  
Delta R.T.: 0.027 min  
Response: 374084  
Conc: 67.61 ng/ml



#7 AR-1016-5

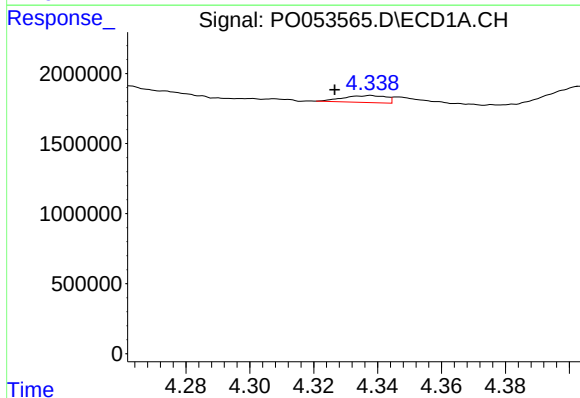
R.T.: 5.722 min  
Delta R.T.: 0.000 min  
Response: 65477  
Conc: 2.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



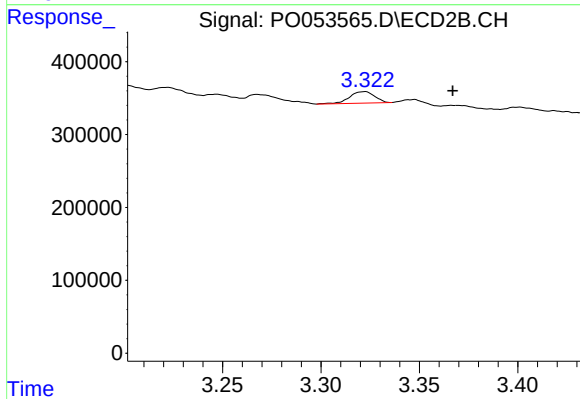
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 4.558 min  
Response: 0  
Conc: N.D.



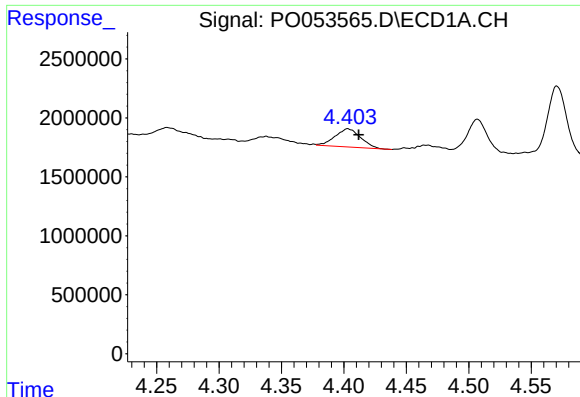
#8 AR-1221-1

R.T.: 4.338 min  
Delta R.T.: 0.011 min  
Response: 452405  
Conc: 37.90 ng/ml



#8 AR-1221-1

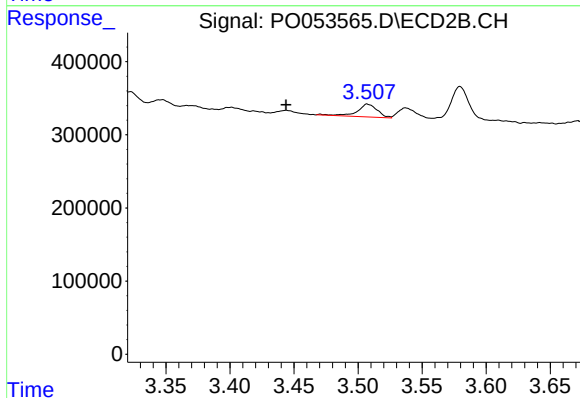
R.T.: 3.323 min  
Delta R.T.: -0.044 min  
Response: 140016  
Conc: 53.98 ng/ml



#9 AR-1221-2

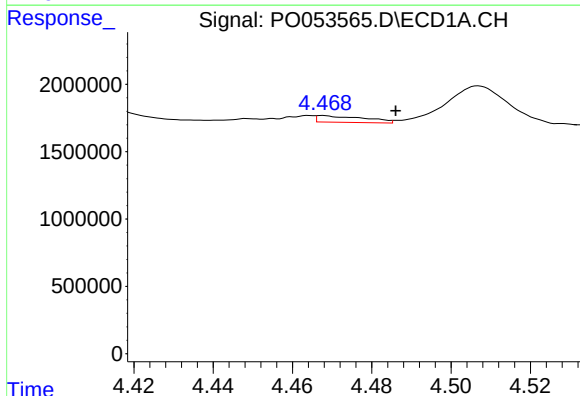
R.T.: 4.403 min  
Delta R.T.: -0.009 min  
Response: 2185001  
Conc: 252.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



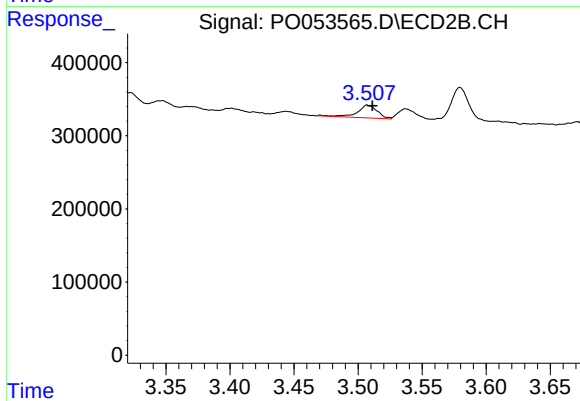
#9 AR-1221-2

R.T.: 3.507 min  
Delta R.T.: 0.063 min  
Response: 192533  
Conc: 98.07 ng/ml



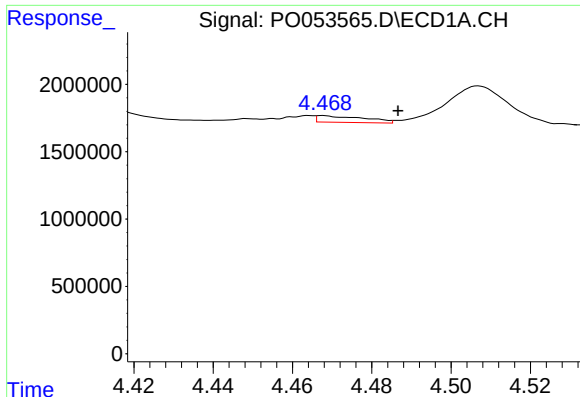
#10 AR-1221-3

R.T.: 4.468 min  
Delta R.T.: -0.018 min  
Response: 408387  
Conc: 15.05 ng/ml



#10 AR-1221-3

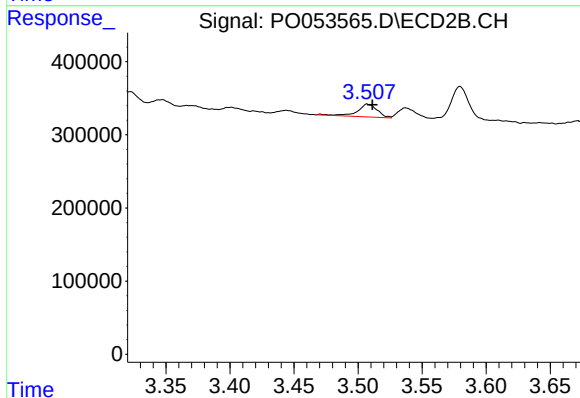
R.T.: 3.507 min  
Delta R.T.: -0.004 min  
Response: 192533  
Conc: 30.04 ng/ml



#11 AR-1232-1

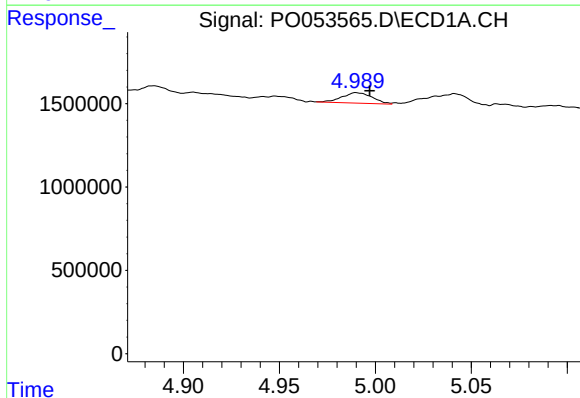
R.T.: 4.468 min  
Delta R.T.: -0.019 min  
Response: 408387  
Conc: 16.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



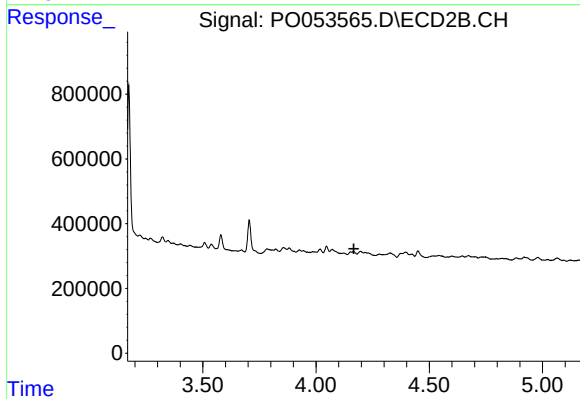
#11 AR-1232-1

R.T.: 3.507 min  
Delta R.T.: -0.004 min  
Response: 192533  
Conc: 33.41 ng/ml



#12 AR-1232-2

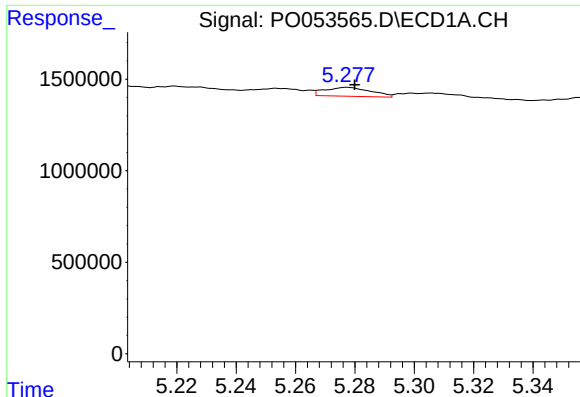
R.T.: 4.990 min  
Delta R.T.: -0.007 min  
Response: 687731  
Conc: 57.06 ng/ml



#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 4.167 min  
Response: 0  
Conc: N.D.

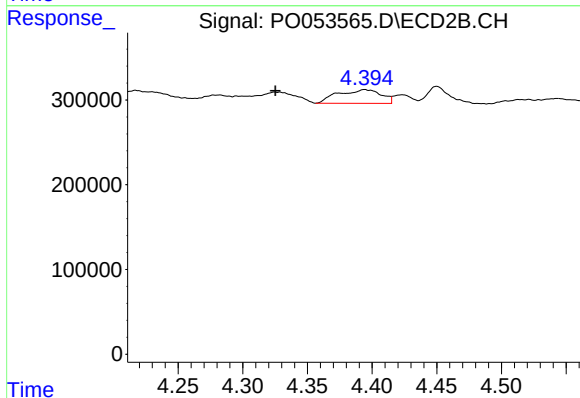




#13 AR-1232-3

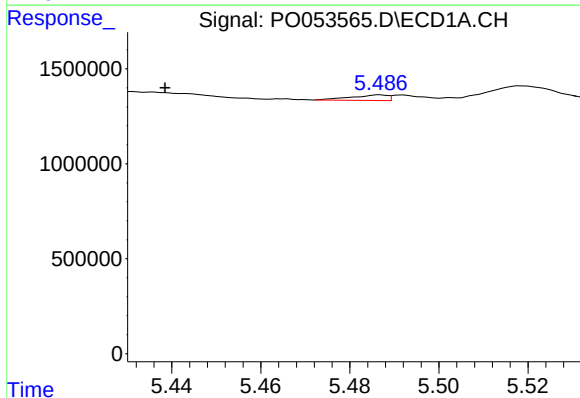
R.T.: 5.277 min  
Delta R.T.: -0.003 min  
Response: 529157  
Conc: 22.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



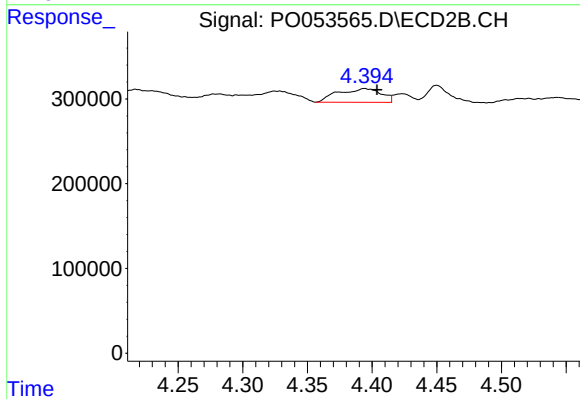
#13 AR-1232-3

R.T.: 4.394 min  
Delta R.T.: 0.069 min  
Response: 374084  
Conc: 105.50 ng/ml



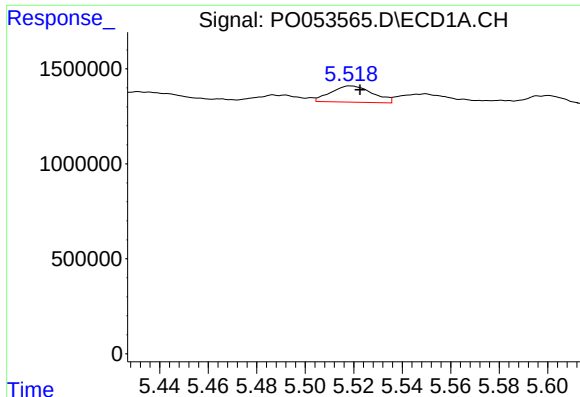
#14 AR-1232-4

R.T.: 5.487 min  
Delta R.T.: 0.048 min  
Response: 167243  
Conc: 14.56 ng/ml



#14 AR-1232-4

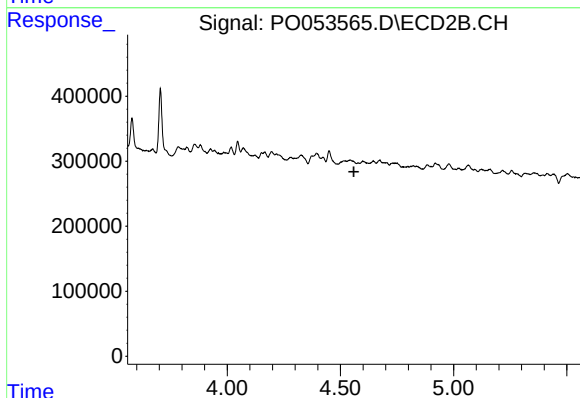
R.T.: 4.394 min  
Delta R.T.: -0.009 min  
Response: 374084  
Conc: 127.27 ng/ml



#15 AR-1232-5

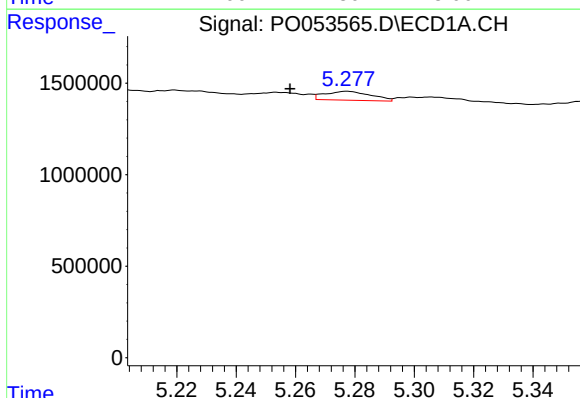
R.T.: 5.518 min  
Delta R.T.: -0.004 min  
Response: 1019325  
Conc: 144.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



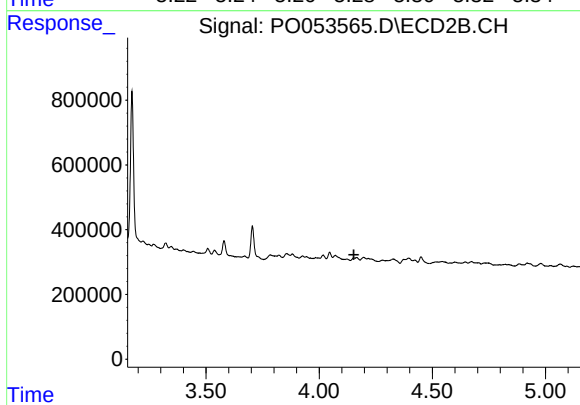
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 4.559 min  
Response: 0  
Conc: N.D.



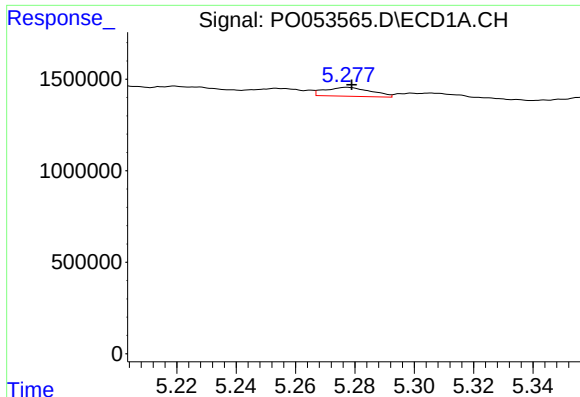
#16 AR-1242-1

R.T.: 5.277 min  
Delta R.T.: 0.019 min  
Response: 529157  
Conc: 18.65 ng/ml



#16 AR-1242-1

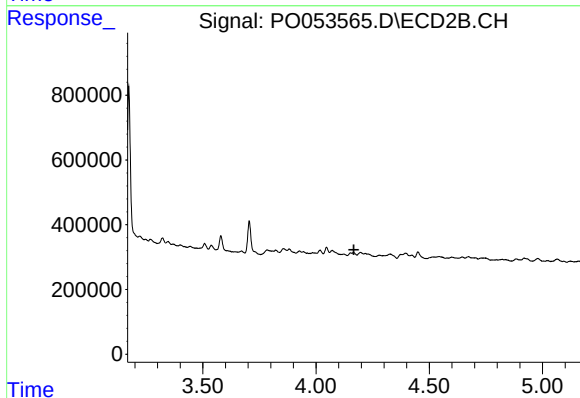
R.T.: 0.000 min  
Exp R.T. : 4.153 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

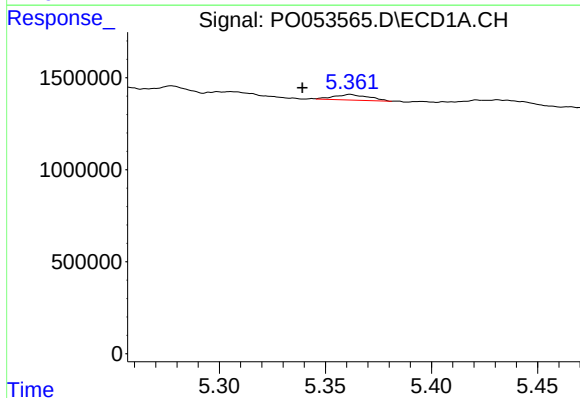
R.T.: 5.277 min  
Delta R.T.: -0.002 min  
Response: 529157  
Conc: 12.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



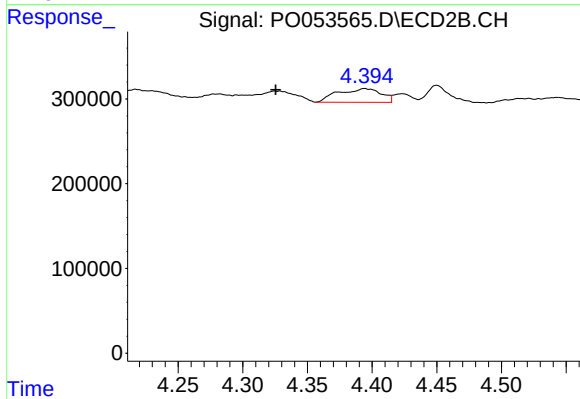
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.167 min  
Response: 0  
Conc: N.D.



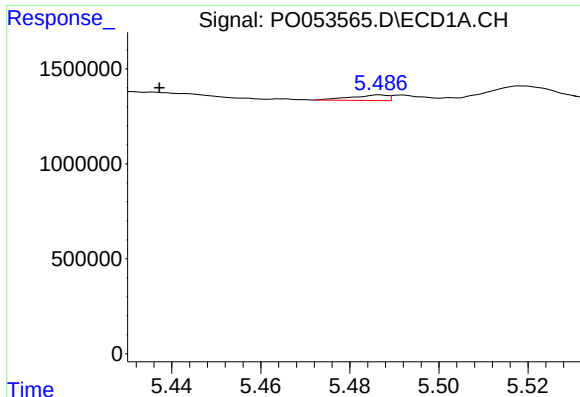
#18 AR-1242-3

R.T.: 5.362 min  
Delta R.T.: 0.022 min  
Response: 346955  
Conc: 13.89 ng/ml



#18 AR-1242-3

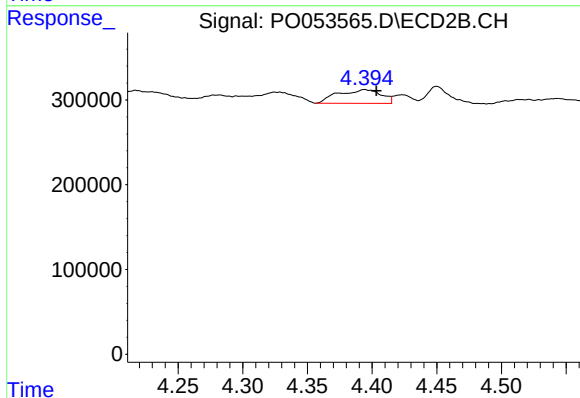
R.T.: 4.394 min  
Delta R.T.: 0.069 min  
Response: 374084  
Conc: 61.12 ng/ml



#19 AR-1242-4

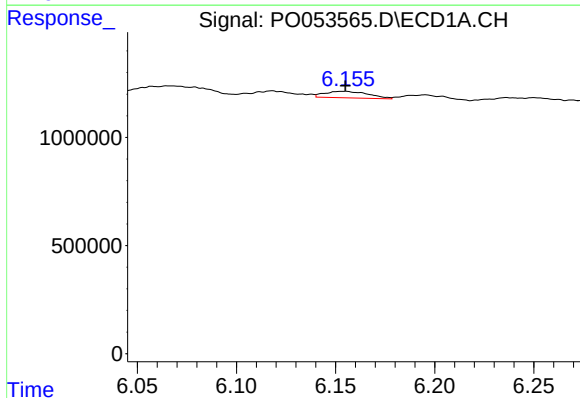
R.T.: 5.487 min  
Delta R.T.: 0.050 min  
Response: 167243  
Conc: 8.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



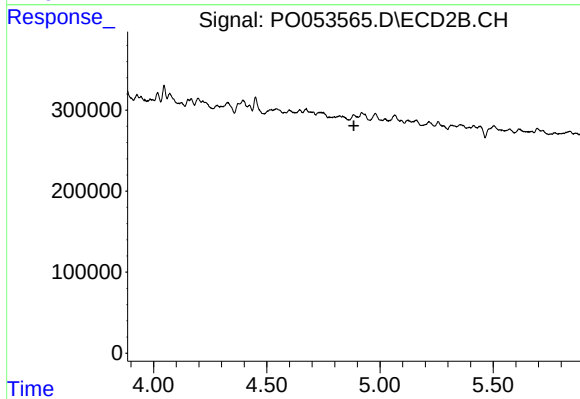
#19 AR-1242-4

R.T.: 4.394 min  
Delta R.T.: -0.009 min  
Response: 374084  
Conc: 66.05 ng/ml



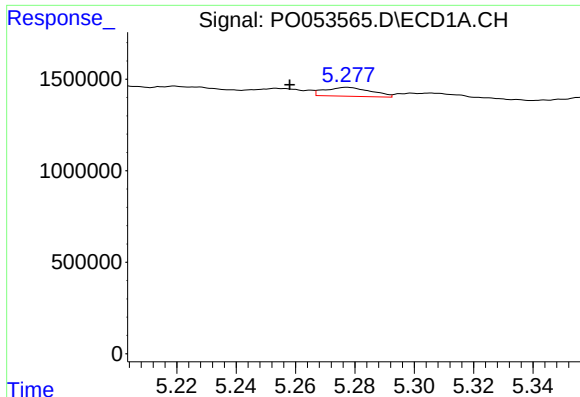
#20 AR-1242-5

R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 455673  
Conc: 22.21 ng/ml



#20 AR-1242-5

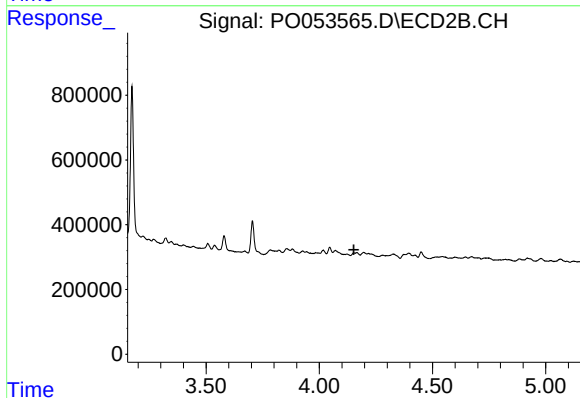
R.T.: 0.000 min  
Exp R.T.: 4.885 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

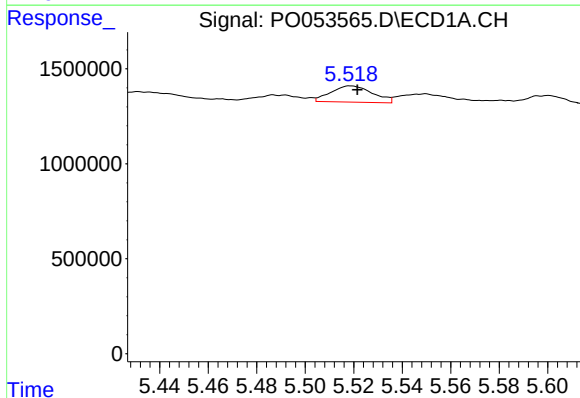
R.T.: 5.277 min  
Delta R.T.: 0.019 min  
Response: 529157  
Conc: 26.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



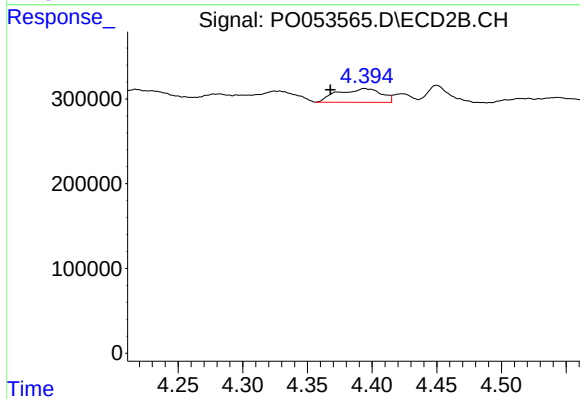
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.153 min  
Response: 0  
Conc: N.D.



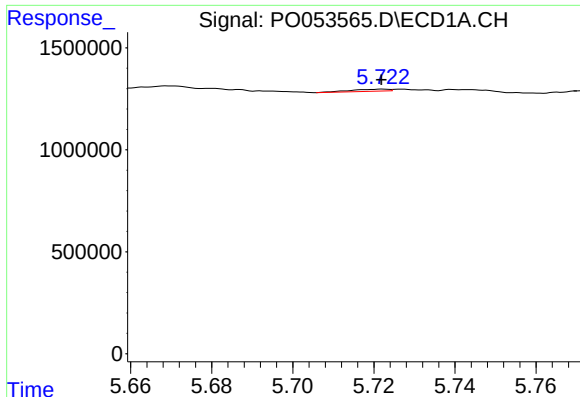
#22 AR-1248-2

R.T.: 5.518 min  
Delta R.T.: -0.003 min  
Response: 1019325  
Conc: 39.59 ng/ml



#22 AR-1248-2

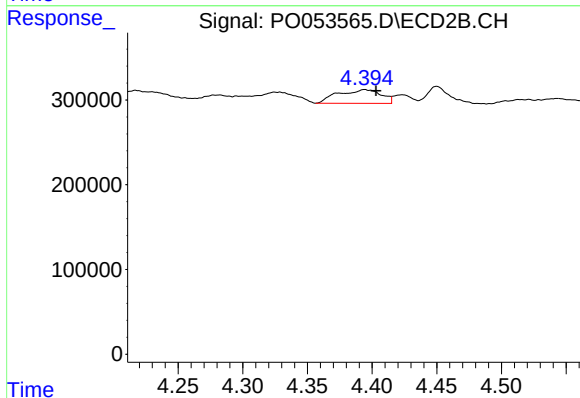
R.T.: 4.394 min  
Delta R.T.: 0.027 min  
Response: 374084  
Conc: 50.36 ng/ml



#23 AR-1248-3

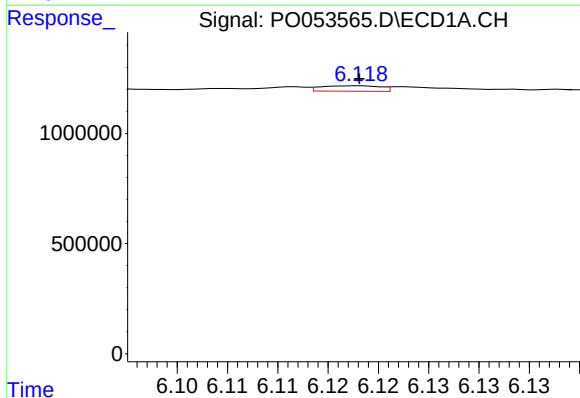
R.T.: 5.722 min  
Delta R.T.: 0.000 min  
Response: 65477  
Conc: 2.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



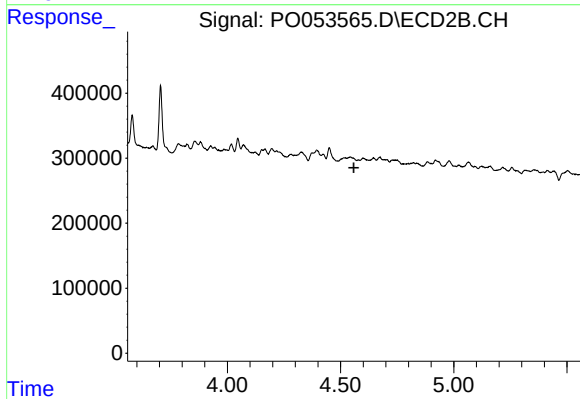
#23 AR-1248-3

R.T.: 4.394 min  
Delta R.T.: -0.009 min  
Response: 374084  
Conc: 48.67 ng/ml



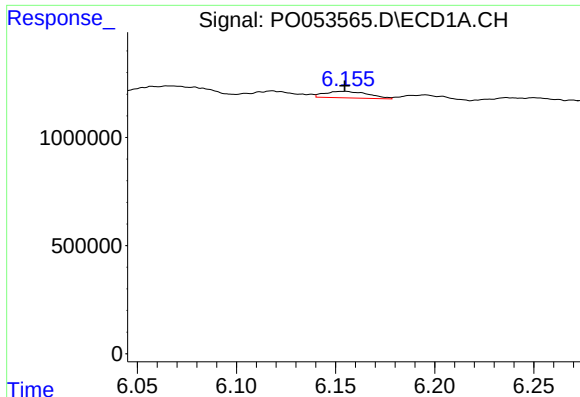
#24 AR-1248-4

R.T.: 6.118 min  
Delta R.T.: 0.000 min  
Response: 100959  
Conc: 3.00 ng/ml



#24 AR-1248-4

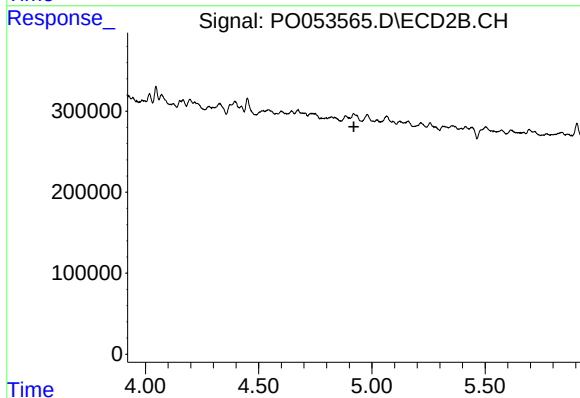
R.T.: 0.000 min  
Exp R.T.: 4.559 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

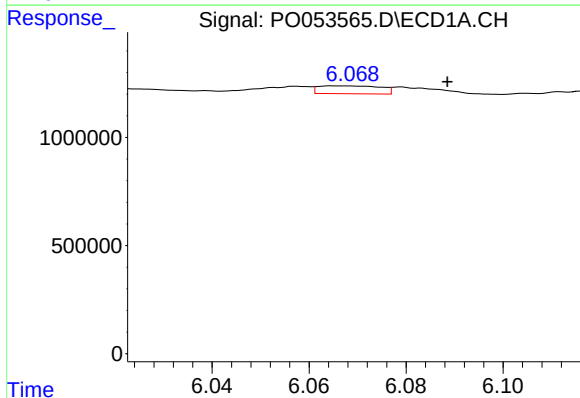
R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 455673  
Conc: 13.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



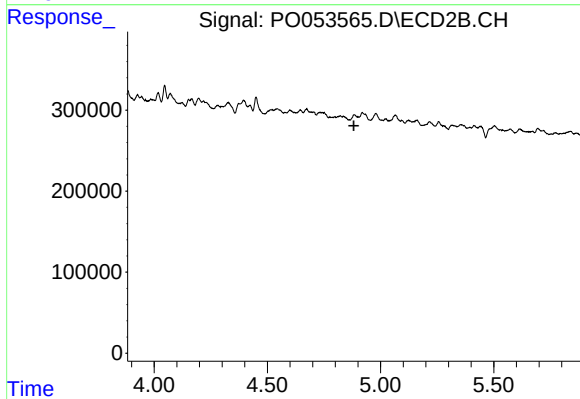
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 4.920 min  
Response: 0  
Conc: N.D.



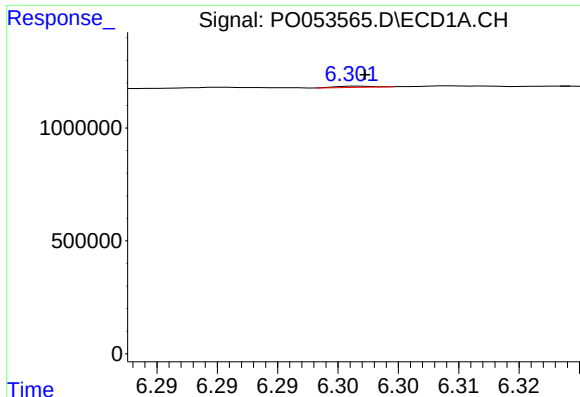
#26 AR-1254-1

R.T.: 6.065 min  
Delta R.T.: -0.023 min  
Response: 323704  
Conc: 8.75 ng/ml



#26 AR-1254-1

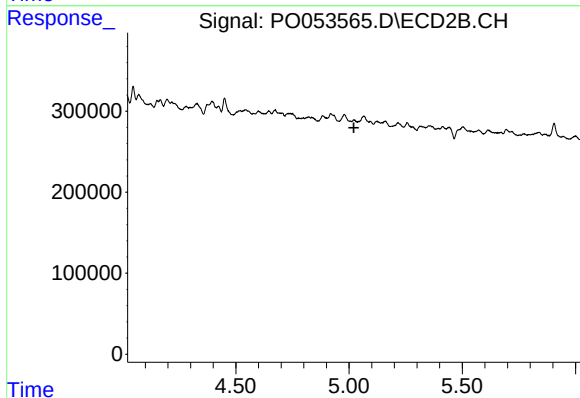
R.T.: 0.000 min  
Exp R.T. : 4.882 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

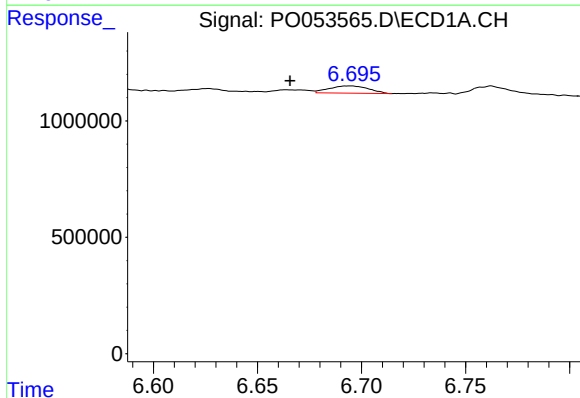
R.T.: 6.302 min  
Delta R.T.: 0.000 min  
Response: 9834  
Conc: 0.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



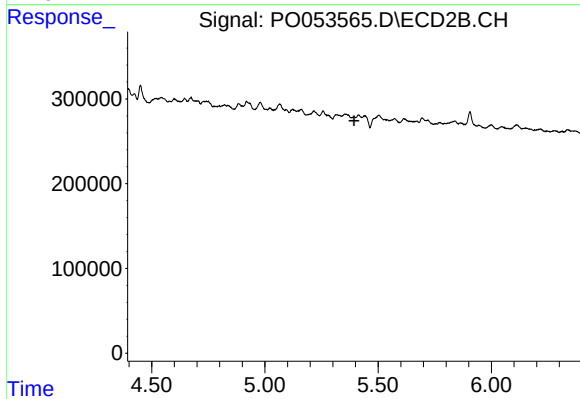
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.021 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

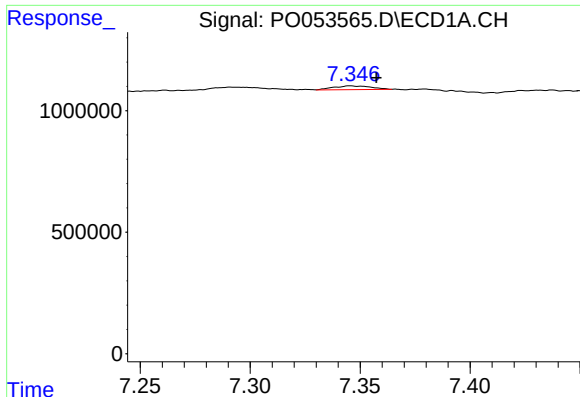
R.T.: 6.696 min  
Delta R.T.: 0.030 min  
Response: 409590  
Conc: 6.75 ng/ml



#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.393 min  
Response: 0  
Conc: N.D.

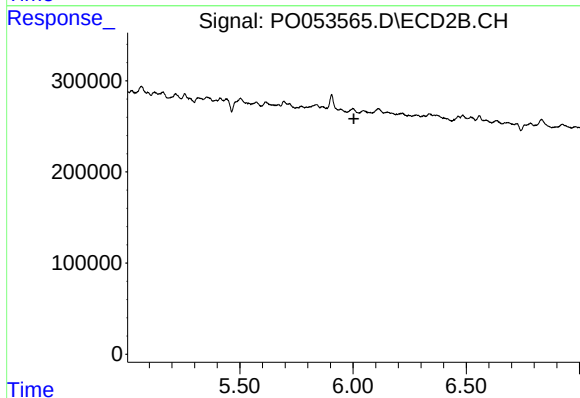




#30 AR-1254-5

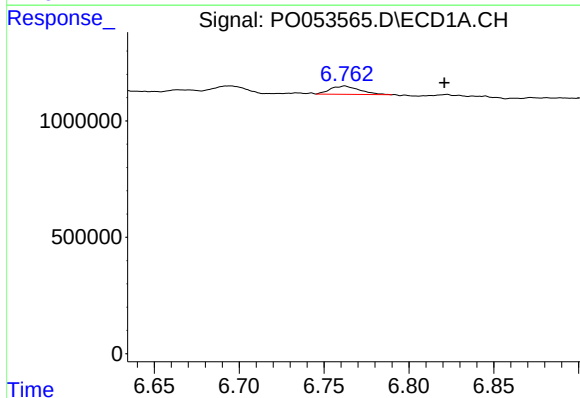
R.T.: 7.346 min  
Delta R.T.: -0.012 min  
Response: 181287  
Conc: 3.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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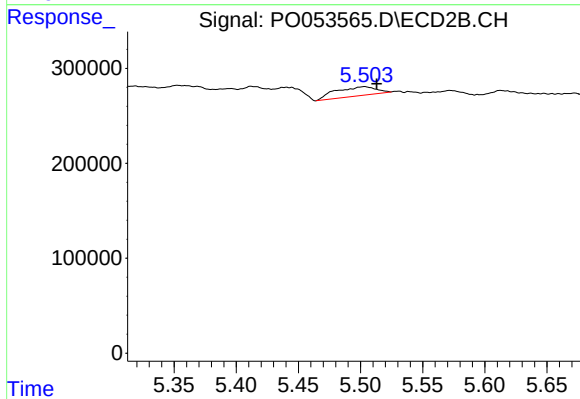
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 6.004 min  
Response: 0  
Conc: N.D.



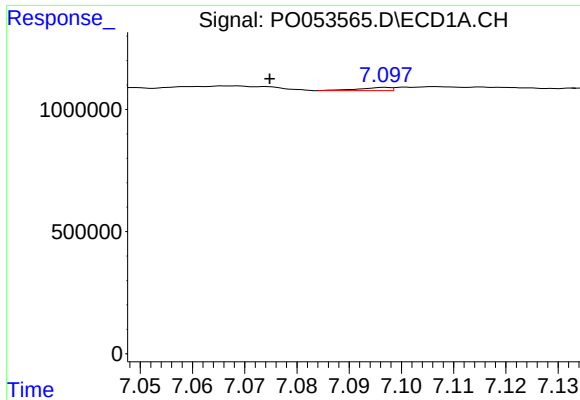
#31 AR-1260-1

R.T.: 6.762 min  
Delta R.T.: -0.059 min  
Response: 427152  
Conc: 10.88 ng/ml



#31 AR-1260-1

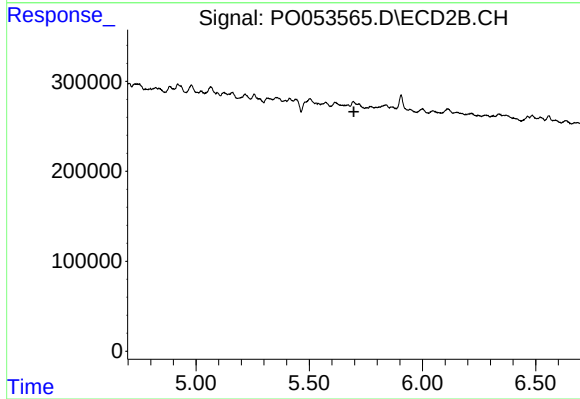
R.T.: 5.503 min  
Delta R.T.: -0.009 min  
Response: 216528  
Conc: 14.84 ng/ml



#32 AR-1260-2

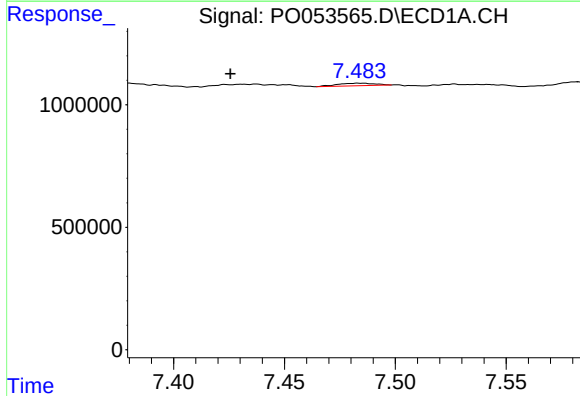
R.T.: 7.097 min  
Delta R.T.: 0.022 min  
Response: 53735  
Conc: 1.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



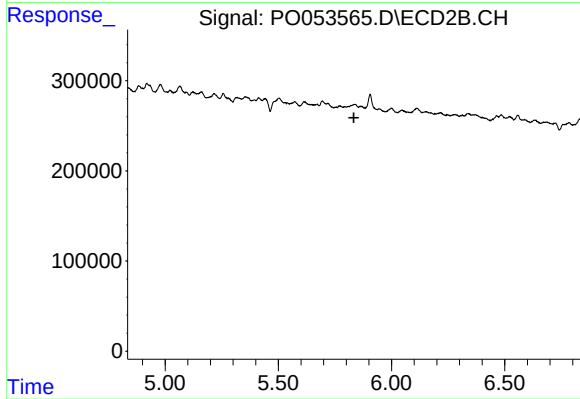
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 5.697 min  
Response: 0  
Conc: N.D.



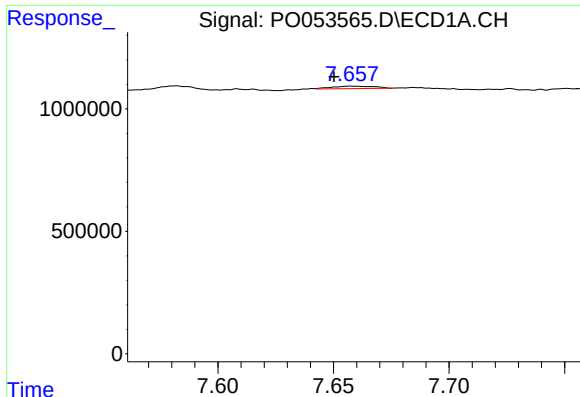
#33 AR-1260-3

R.T.: 7.483 min  
Delta R.T.: 0.057 min  
Response: 119211  
Conc: 3.68 ng/ml



#33 AR-1260-3

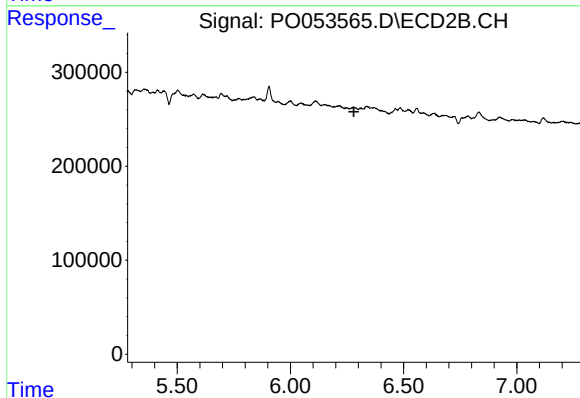
R.T.: 0.000 min  
Exp R.T. : 5.834 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

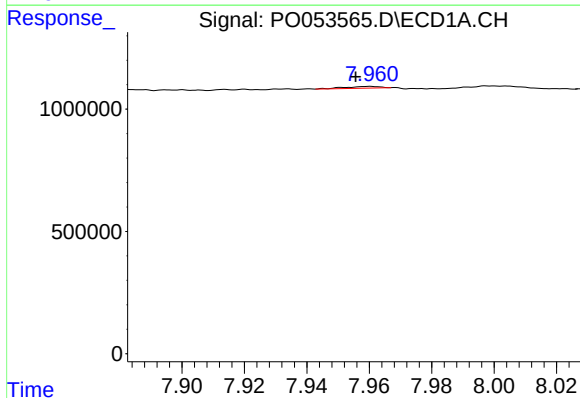
R.T.: 7.657 min  
Delta R.T.: 0.007 min  
Response: 131386  
Conc: 3.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



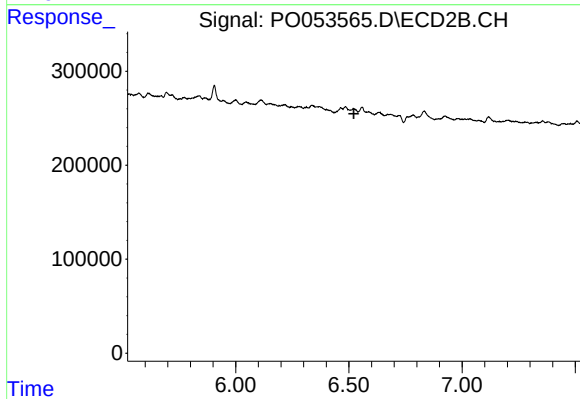
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.280 min  
Response: 0  
Conc: N.D.



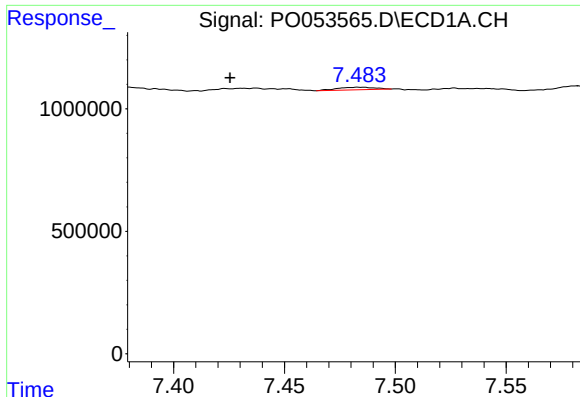
#35 AR-1260-5

R.T.: 7.960 min  
Delta R.T.: 0.005 min  
Response: 57194  
Conc: 0.75 ng/ml



#35 AR-1260-5

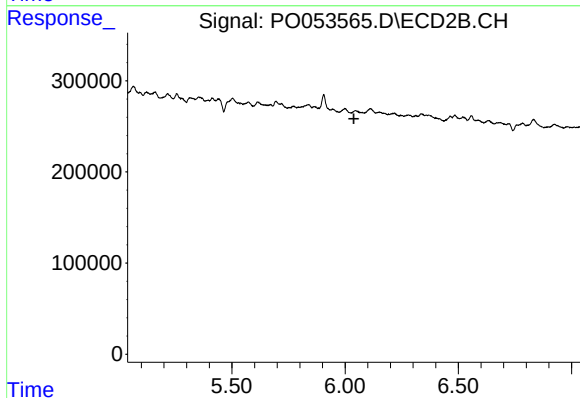
R.T.: 0.000 min  
Exp R.T. : 6.522 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

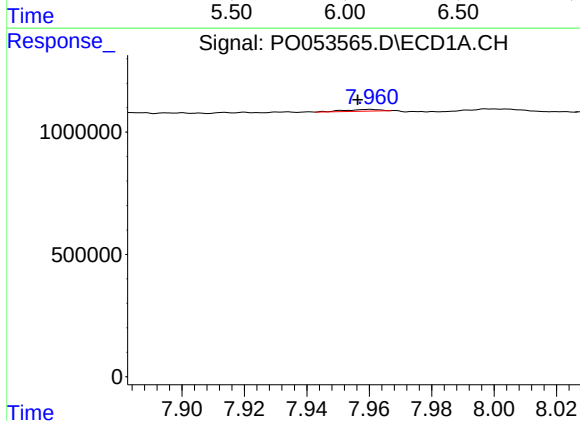
R.T.: 7.483 min  
Delta R.T.: 0.057 min  
Response: 119211  
Conc: 1.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
012319-TIPC-F-D-B



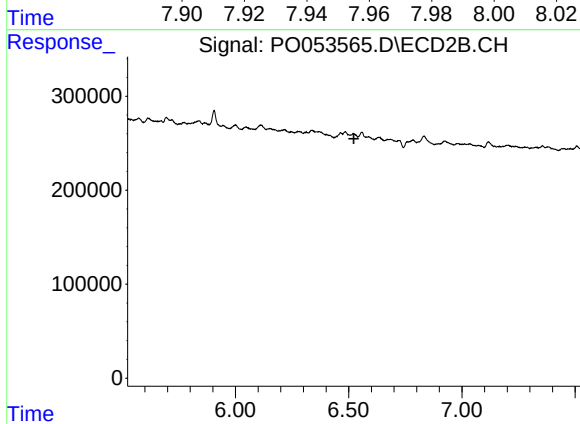
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 6.039 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

R.T.: 7.960 min  
Delta R.T.: 0.004 min  
Response: 57194  
Conc: 0.55 ng/ml



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 6.523 min  
Response: 0  
Conc: N.D.