

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0071618\  
 Data File : P0046766.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Jul 2018 19:27  
 Operator : SM/SJ  
 Sample : J3993-01  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 20180414-FIELDBLANK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 01:45:59 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0070718.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Jul 09 15:27:34 2018  
 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...          | 4.229 | 3.521 | 341202  | 4724346 | 1.428   | 22.242 #  |
| 2) SA Decachlor...          | 9.717 | 8.446 | 3225989 | 3092605 | 16.925  | 15.943    |
| Target Compounds            |       |       |         |         |         |           |
| 3) L1 AR-1016-1             | 0.000 | 4.382 | 0       | 71145   | N.D.    | 13.032 #  |
| 4) L1 AR-1016-2             | 5.390 | 0.000 | 849164  | 0       | 118.649 | N.D. #    |
| 5) L1 AR-1016-3             | 5.597 | 0.000 | 655520  | 0       | 109.059 | N.D. #    |
| 6) L1 AR-1016-4             | 0.000 | 5.066 | 0       | 129469  | N.D.    | 20.381 #  |
| 7) L1 AR-1016-5             | 0.000 | 5.176 | 0       | 79053   | N.D.    | 14.345 #  |
| 8) L2 AR-1221-1             | 0.000 | 3.762 | 0       | 453158  | N.D.    | 169.457 # |
| 10) L2 AR-1221-3            | 0.000 | 3.963 | 0       | 88130   | N.D.    | 12.864 #  |
| 12) L3 AR-1232-2            | 5.390 | 0.000 | 849164  | 0       | 239.869 | N.D. #    |
| 13) L3 AR-1232-3            | 5.390 | 0.000 | 849164  | 0       | 167.299 | N.D. #    |
| 14) L3 AR-1232-4            | 5.390 | 0.000 | 849164  | 0       | 260.591 | N.D. #    |
| 15) L3 AR-1232-5            | 5.597 | 0.000 | 655520  | 0       | 246.876 | N.D. #    |
| 16) L4 AR-1242-1            | 5.390 | 0.000 | 849164  | 0       | 83.512  | N.D. #    |
| 17) L4 AR-1242-2            | 5.390 | 0.000 | 849164  | 0       | 131.171 | N.D. #    |
| 18) L4 AR-1242-3            | 5.597 | 0.000 | 655520  | 0       | 120.321 | N.D. #    |
| 19) L4 AR-1242-4            | 0.000 | 5.066 | 0       | 129469  | N.D.    | 22.814 #  |
| 20) L4 AR-1242-5            | 0.000 | 5.176 | 0       | 79053   | N.D.    | 15.261 #  |
| 21) L5 AR-1248-1            | 0.000 | 5.066 | 0       | 129469  | N.D.    | 15.310 #  |
| 22) L5 AR-1248-2            | 0.000 | 5.176 | 0       | 79053   | N.D.    | 12.385 #  |
| 23) L5 AR-1248-3            | 6.189 | 5.400 | 1941454 | 163903  | 211.896 | 13.320 #  |
| 24) L5 AR-1248-4            | 0.000 | 5.400 | 0       | 163903  | N.D.    | 18.829 #  |
| 26) L6 AR-1254-1            | 0.000 | 5.400 | 0       | 163903  | N.D.    | 12.258 #  |
| 29) L6 AR-1254-4            | 0.000 | 6.227 | 0       | 205200  | N.D.    | 16.274 #  |
| 30) L6 AR-1254-5            | 0.000 | 6.449 | 0       | 129638  | N.D.    | 14.293 #  |
| 32) L7 AR-1260-2            | 0.000 | 6.227 | 0       | 205200  | N.D.    | 12.869 #  |
| 35) L7 AR-1260-5            | 0.000 | 7.439 | 0       | 50965   | N.D.    | 2.653 #   |
| 36) L8 AR-1262-1            | 0.000 | 6.227 | 0       | 205200  | N.D.    | 15.667 #  |
| 37) L8 AR-1262-2            | 0.000 | 6.449 | 0       | 129638  | N.D.    | 10.008 #  |
| 38) L8 AR-1262-3            | 0.000 | 6.672 | 0       | 207677  | N.D.    | 11.859 #  |
| 39) L8 AR-1262-4            | 7.721 | 0.000 | 287978  | 0       | 21.419  | N.D. #    |
| 42) L9 AR-1268-2            | 0.000 | 7.439 | 0       | 50965   | N.D.    | 1.850 #   |
| -----                       |       |       |         |         |         |           |

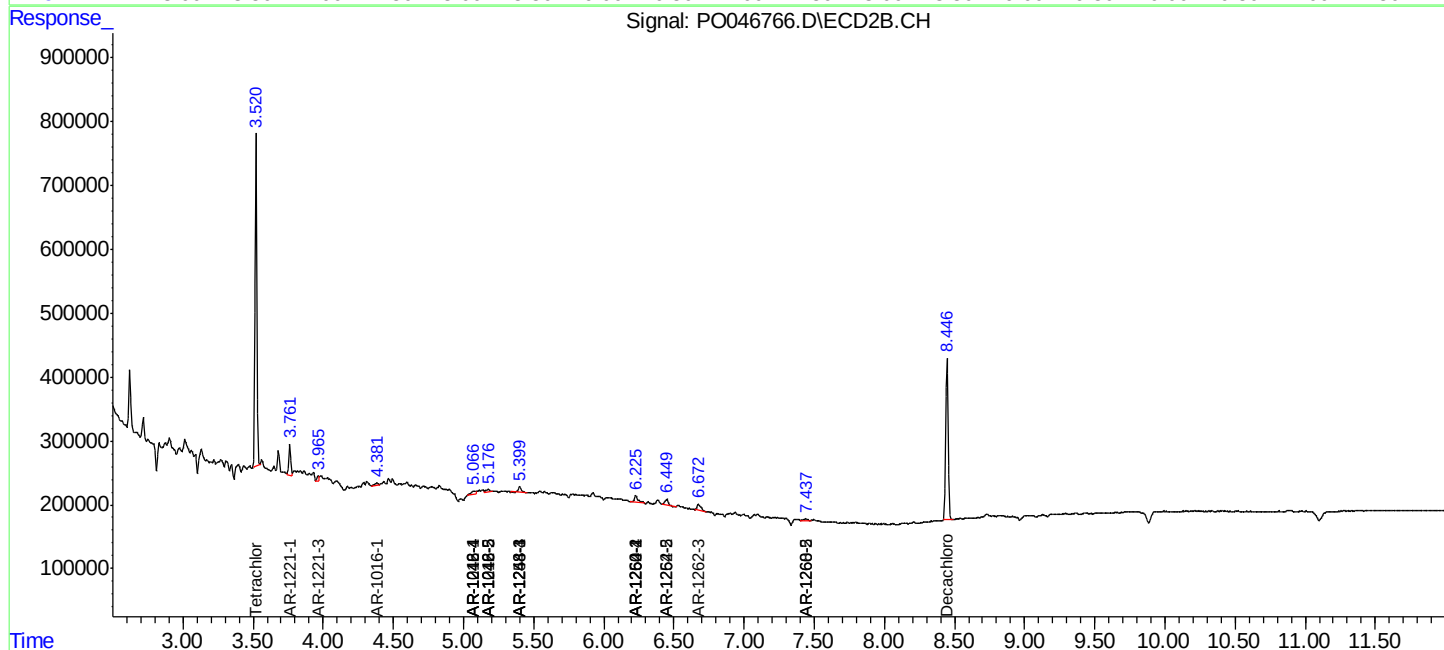
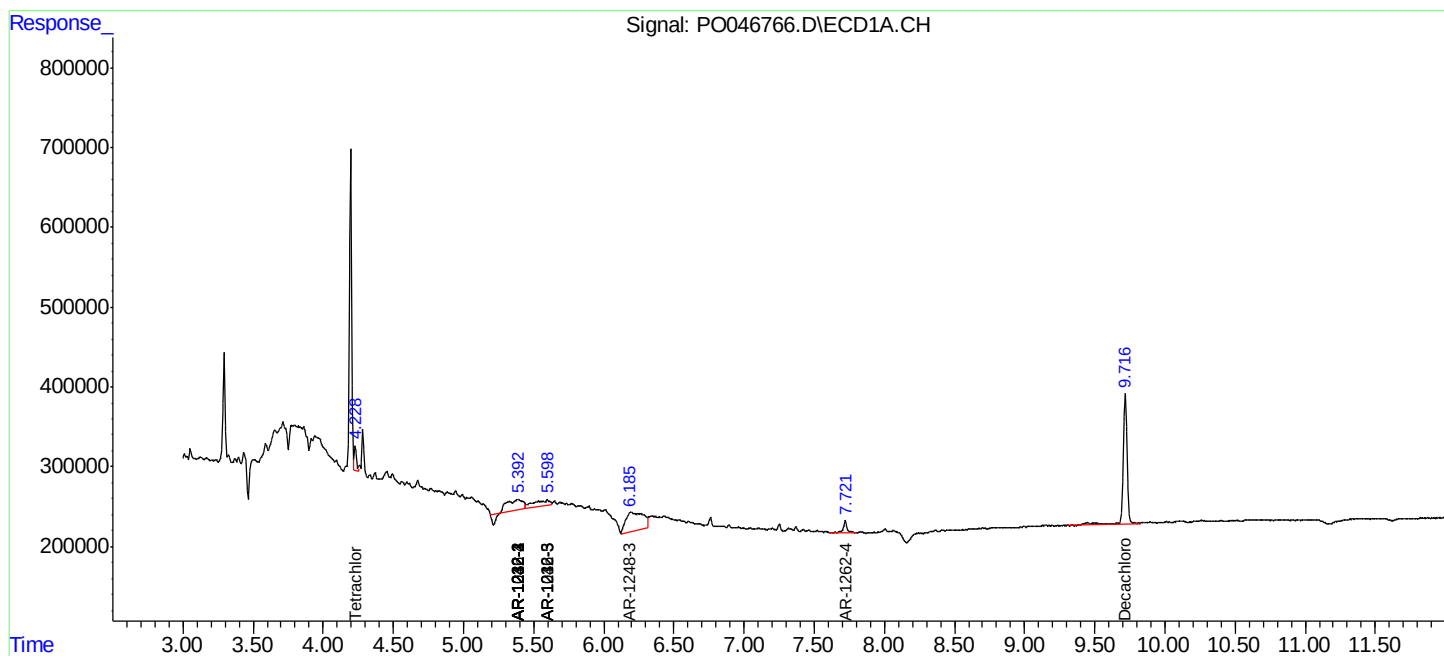
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

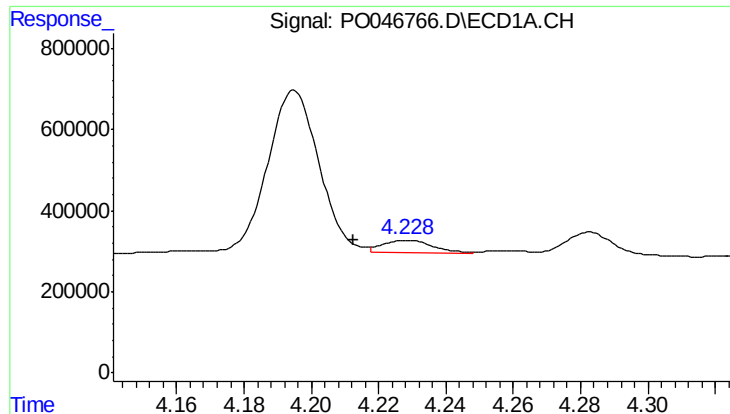
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0071618\  
Data File : P0046766.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 16 Jul 2018 19:27  
Operator : SM/SJ  
Sample : J3993-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 01:45:59 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0070718.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Jul 09 15:27:34 2018  
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

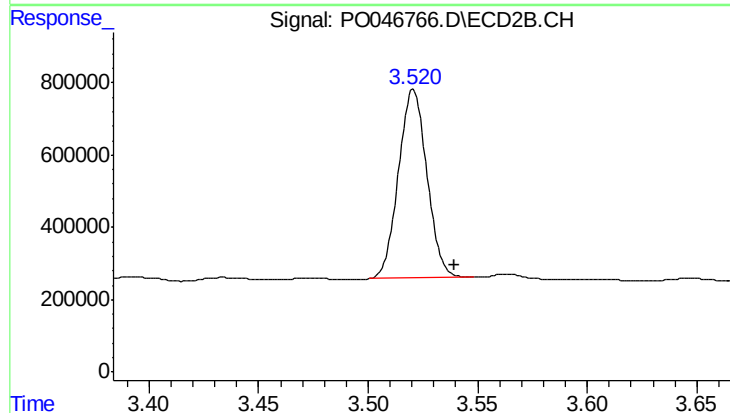




#1 Tetrachloro-m-xylene

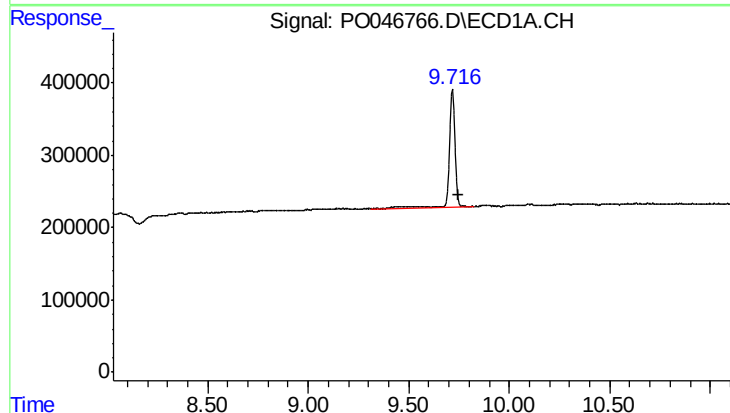
R.T.: 4.229 min  
Delta R.T.: 0.016 min  
Response: 341202  
Conc: 1.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



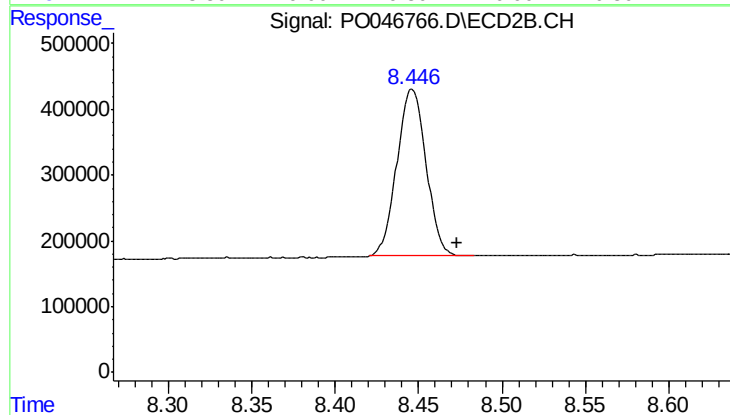
#1 Tetrachloro-m-xylene

R.T.: 3.521 min  
Delta R.T.: -0.019 min  
Response: 4724346  
Conc: 22.24 ng/ml



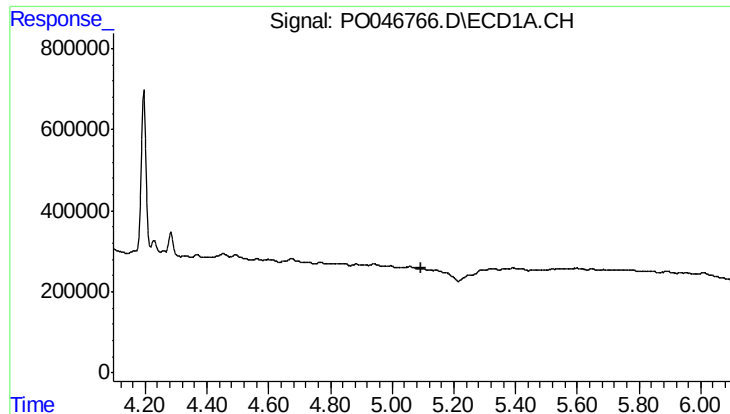
#2 Decachlorobiphenyl

R.T.: 9.717 min  
Delta R.T.: -0.031 min  
Response: 3225989  
Conc: 16.92 ng/ml



#2 Decachlorobiphenyl

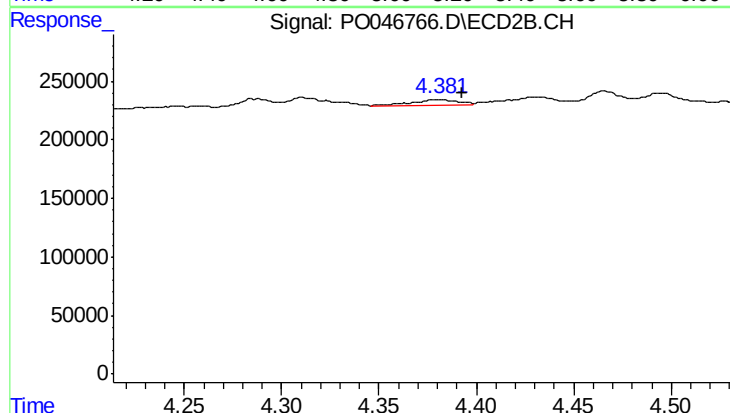
R.T.: 8.446 min  
Delta R.T.: -0.027 min  
Response: 3092605  
Conc: 15.94 ng/ml



#3 AR-1016-1

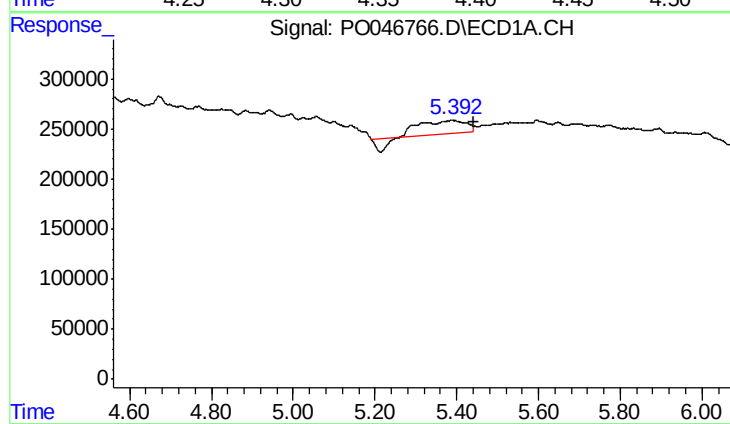
R.T.: 0.000 min  
Exp R.T.: 5.096 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



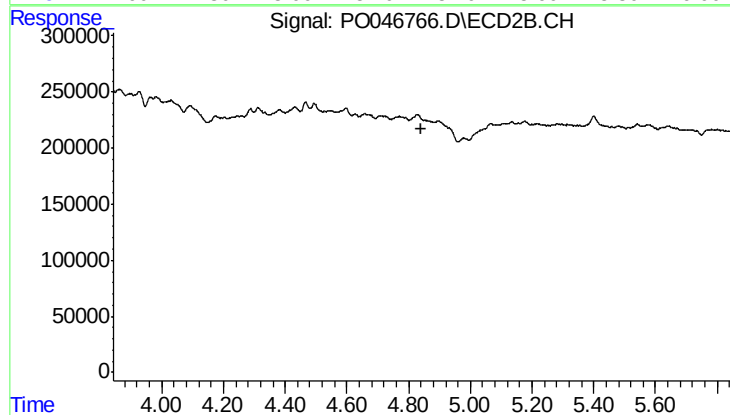
#3 AR-1016-1

R.T.: 4.382 min  
Delta R.T.: -0.010 min  
Response: 71145  
Conc: 13.03 ng/ml



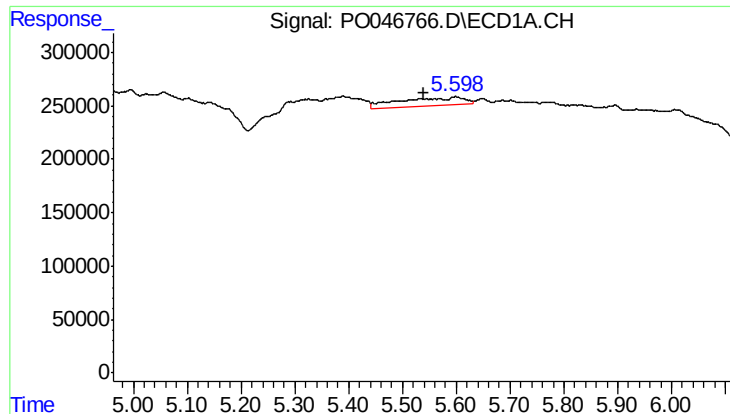
#4 AR-1016-2

R.T.: 5.390 min  
Delta R.T.: -0.053 min  
Response: 849164  
Conc: 118.65 ng/ml



#4 AR-1016-2

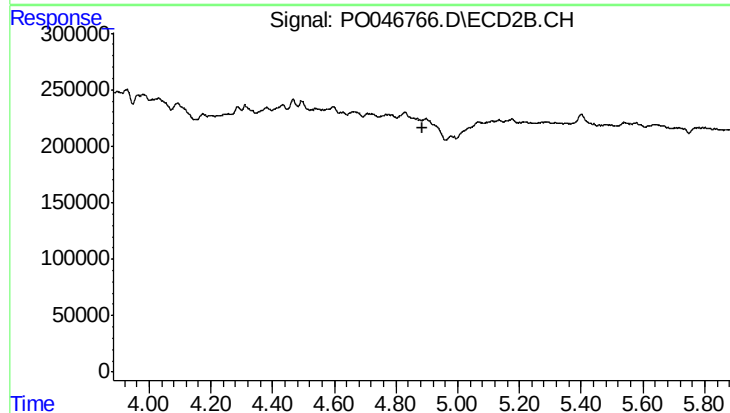
R.T.: 0.000 min  
Exp R.T.: 4.843 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

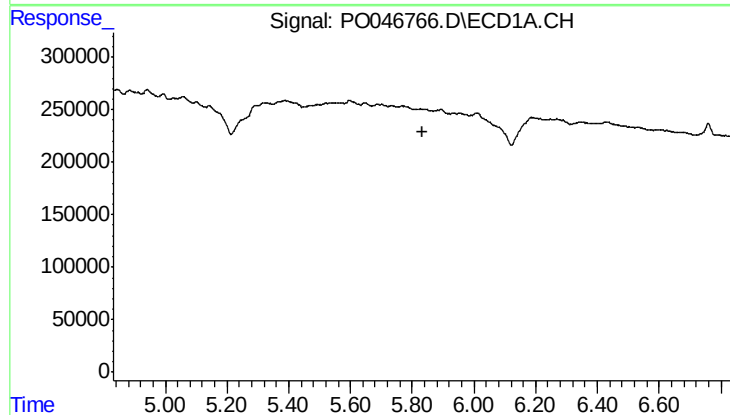
R.T.: 5.597 min  
Delta R.T.: 0.057 min  
Response: 655520  
Conc: 109.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



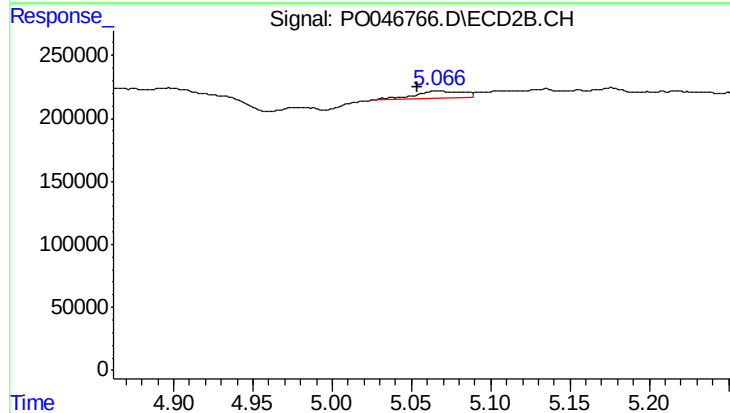
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 4.884 min  
Response: 0  
Conc: N.D.



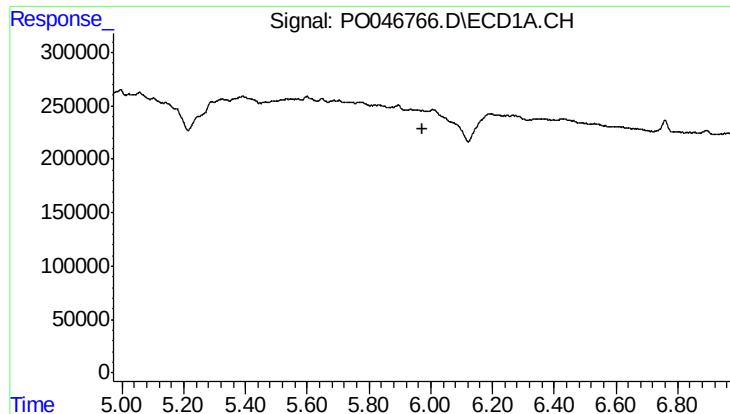
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.832 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

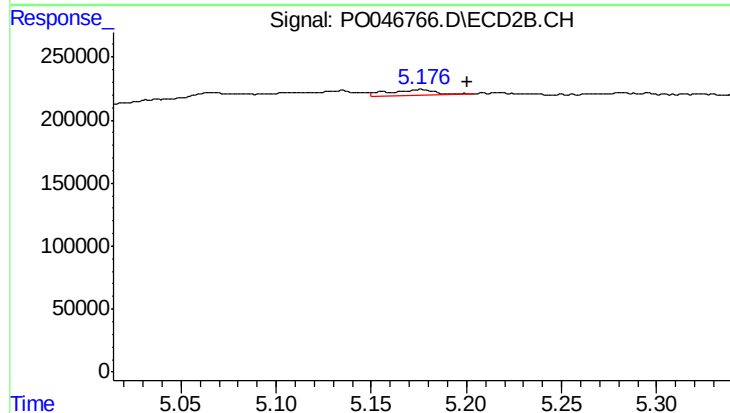
R.T.: 5.066 min  
Delta R.T.: 0.012 min  
Response: 129469  
Conc: 20.38 ng/ml



#7 AR-1016-5

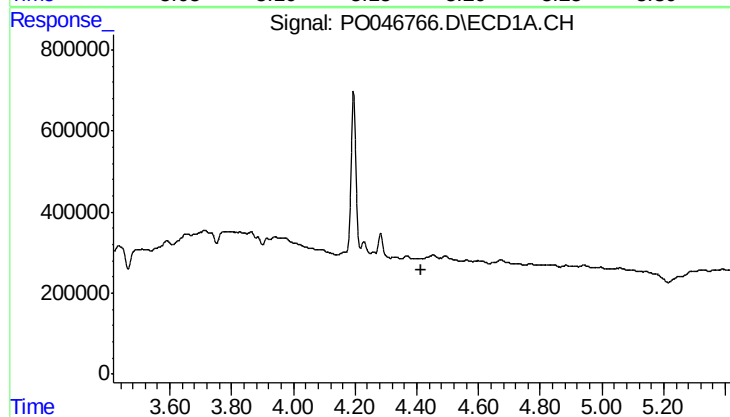
R.T.: 0.000 min  
Exp R.T.: 5.972 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



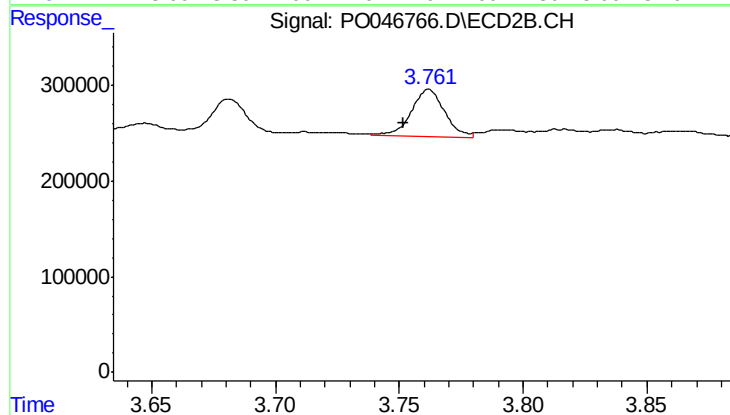
#7 AR-1016-5

R.T.: 5.176 min  
Delta R.T.: -0.024 min  
Response: 79053  
Conc: 14.35 ng/ml



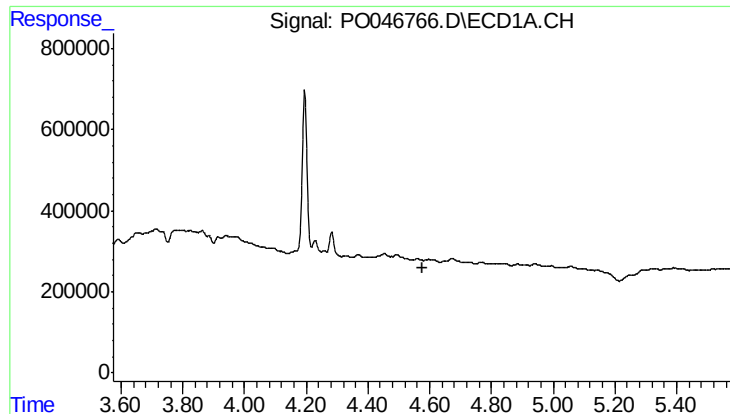
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 4.416 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

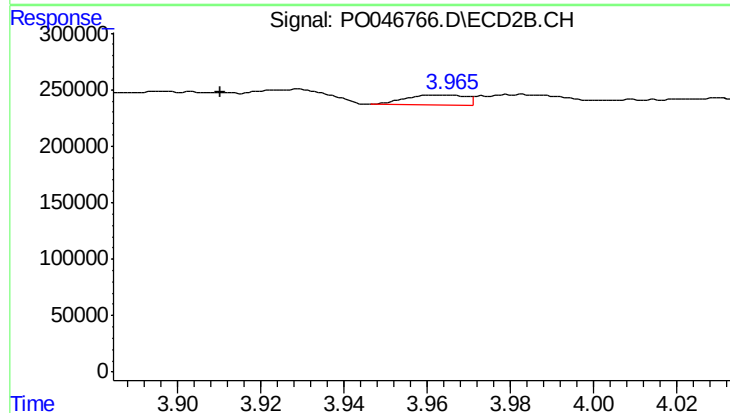
R.T.: 3.762 min  
Delta R.T.: 0.010 min  
Response: 453158  
Conc: 169.46 ng/ml



#10 AR-1221-3

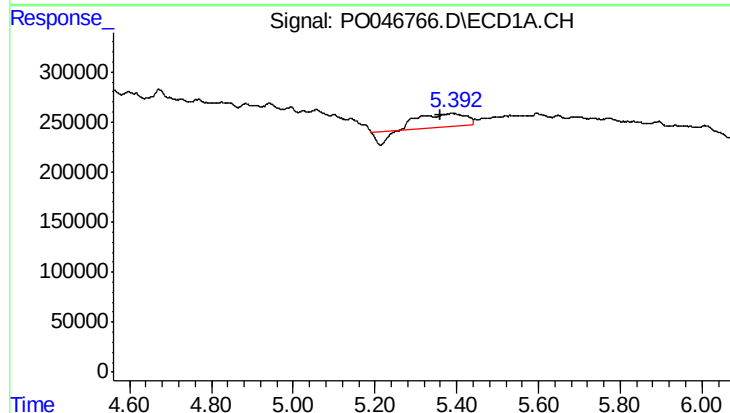
R.T.: 0.000 min  
Exp R.T.: 4.575 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



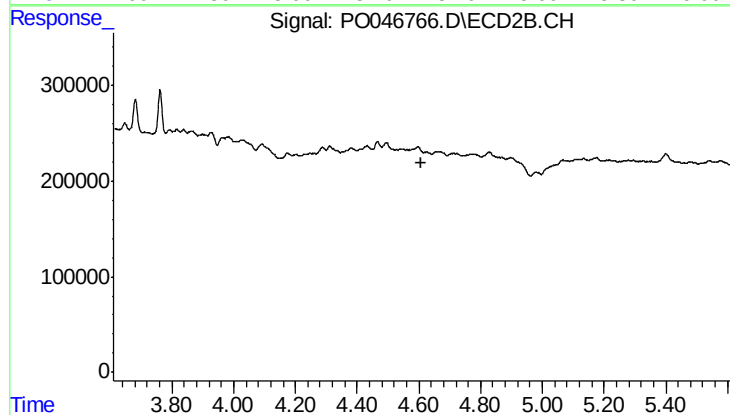
#10 AR-1221-3

R.T.: 3.963 min  
Delta R.T.: 0.053 min  
Response: 88130  
Conc: 12.86 ng/ml



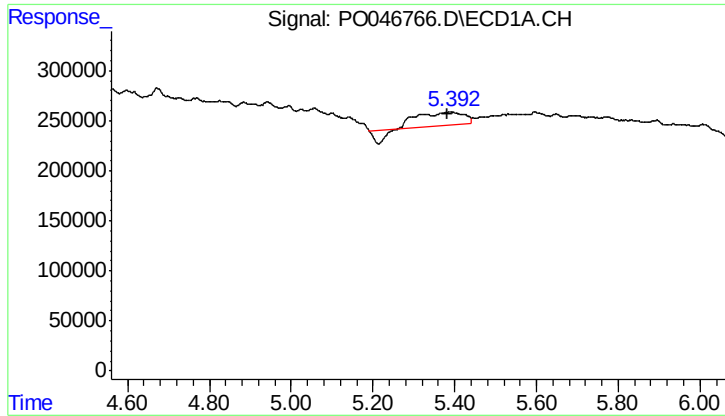
#12 AR-1232-2

R.T.: 5.390 min  
Delta R.T.: 0.030 min  
Response: 849164  
Conc: 239.87 ng/ml



#12 AR-1232-2

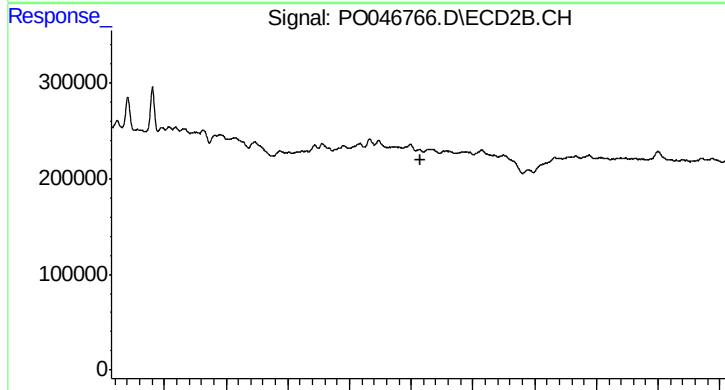
R.T.: 0.000 min  
Exp R.T.: 4.610 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

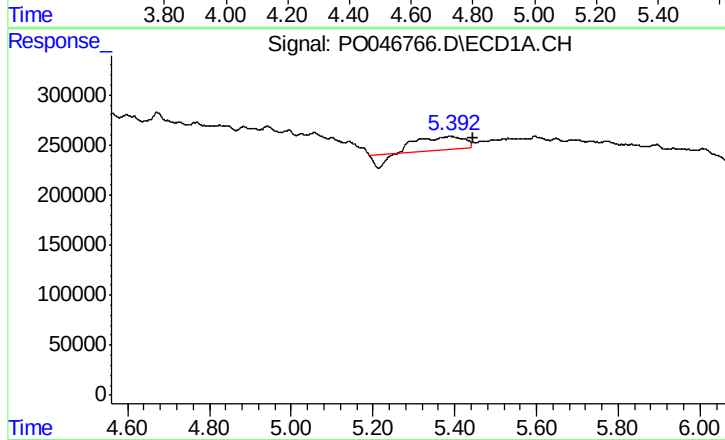
R.T.: 5.390 min  
Delta R.T.: 0.008 min  
Response: 849164  
Conc: 167.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



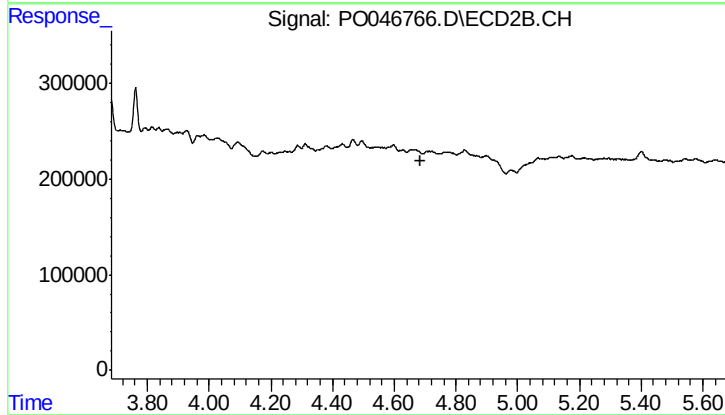
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 4.629 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

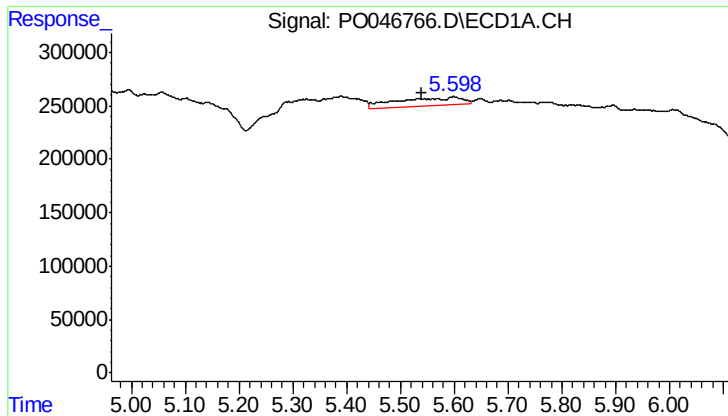
R.T.: 5.390 min  
Delta R.T.: -0.053 min  
Response: 849164  
Conc: 260.59 ng/ml



#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 4.683 min  
Response: 0  
Conc: N.D.

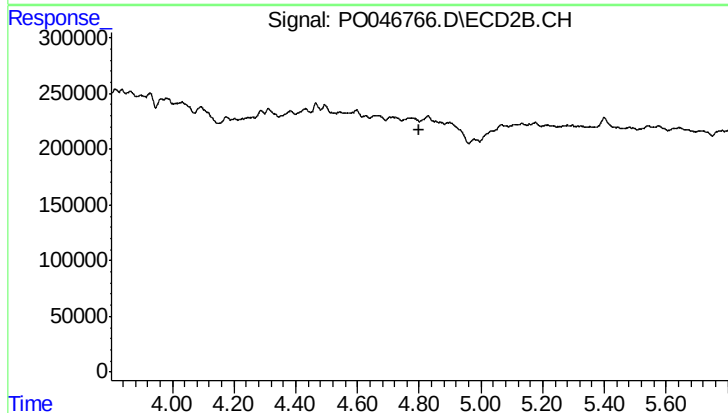




#15 AR-1232-5

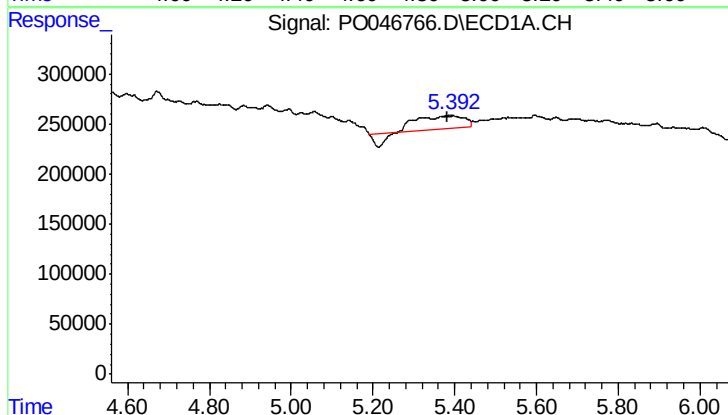
R.T.: 5.597 min  
Delta R.T.: 0.057 min  
Response: 655520  
Conc: 246.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



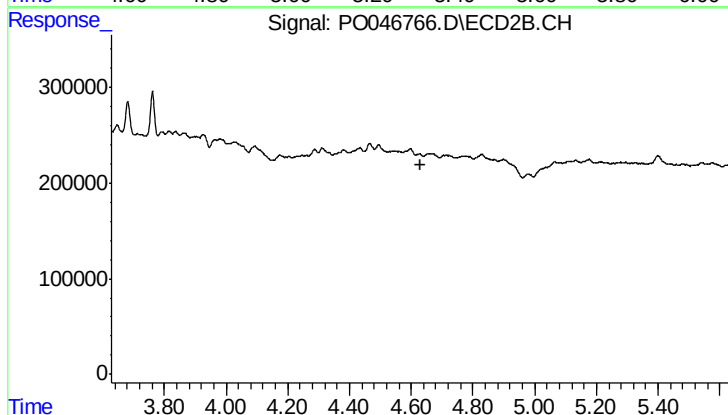
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 4.802 min  
Response: 0  
Conc: N.D.



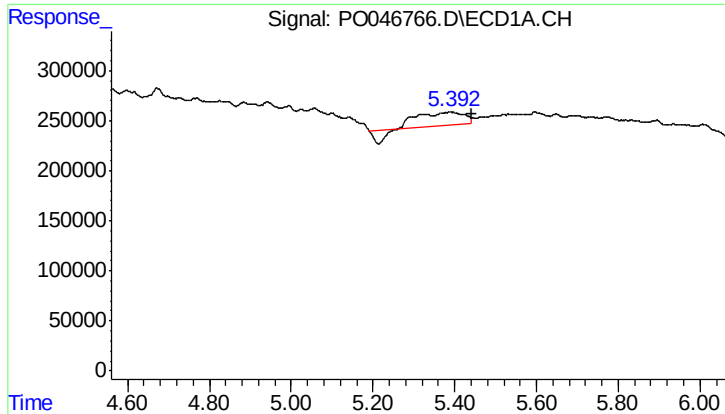
#16 AR-1242-1

R.T.: 5.390 min  
Delta R.T.: 0.008 min  
Response: 849164  
Conc: 83.51 ng/ml



#16 AR-1242-1

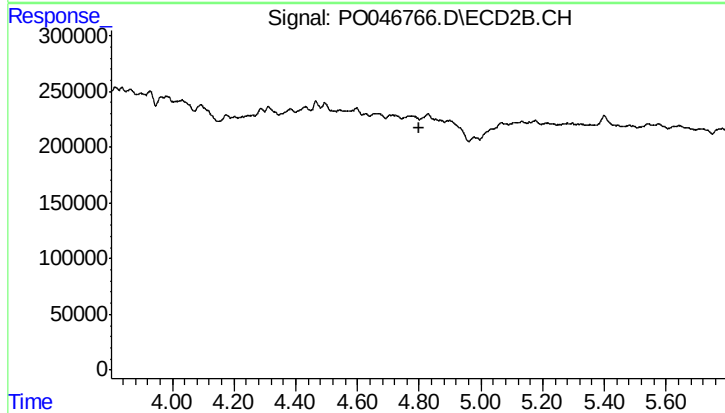
R.T.: 0.000 min  
Exp R.T.: 4.629 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

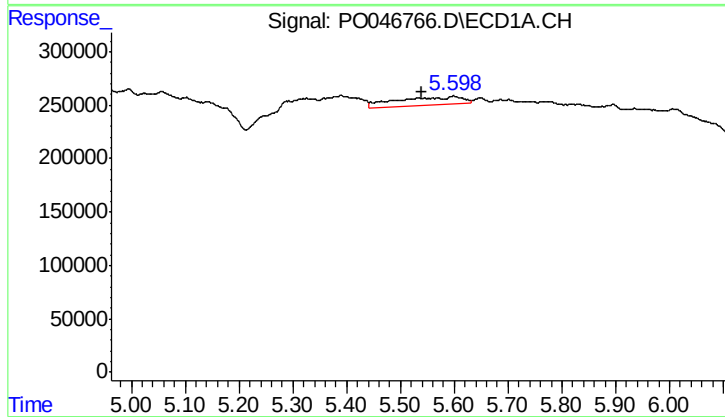
R.T.: 5.390 min  
Delta R.T.: -0.053 min  
Response: 849164  
Conc: 131.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



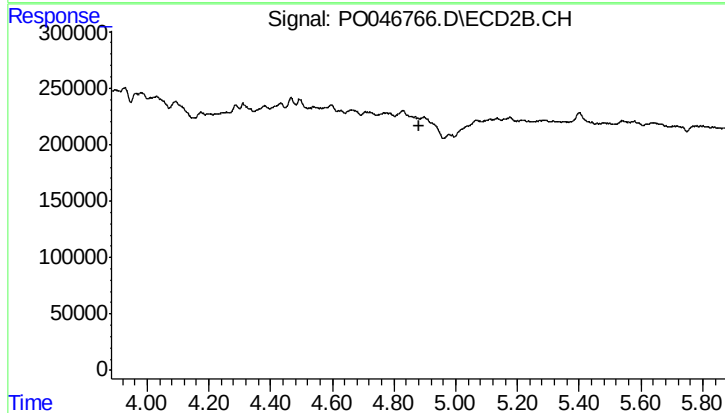
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 4.802 min  
Response: 0  
Conc: N.D.



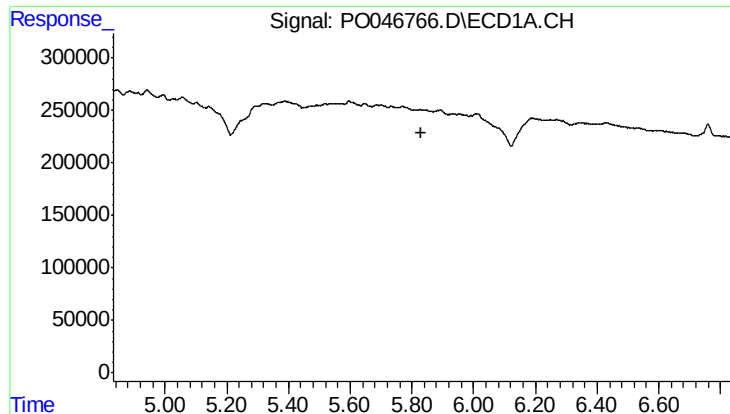
#18 AR-1242-3

R.T.: 5.597 min  
Delta R.T.: 0.057 min  
Response: 655520  
Conc: 120.32 ng/ml



#18 AR-1242-3

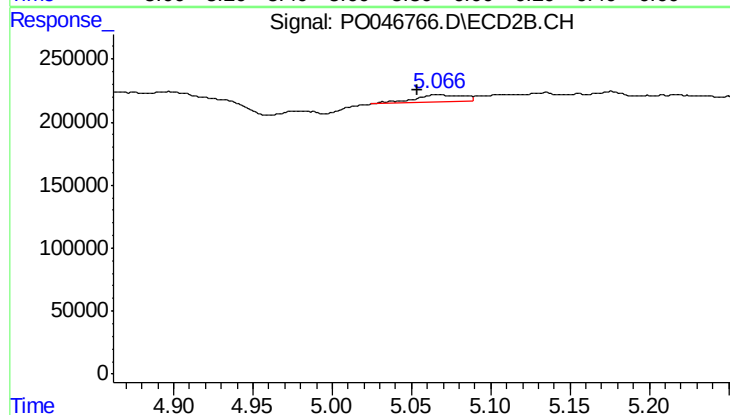
R.T.: 0.000 min  
Exp R.T.: 4.884 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

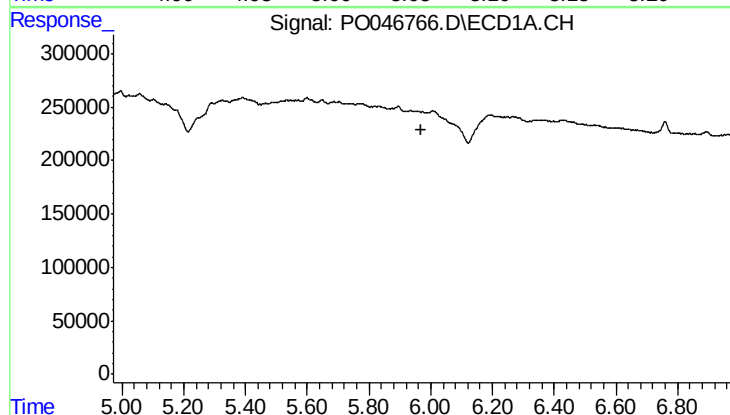
R.T.: 0.000 min  
Exp R.T.: 5.832 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



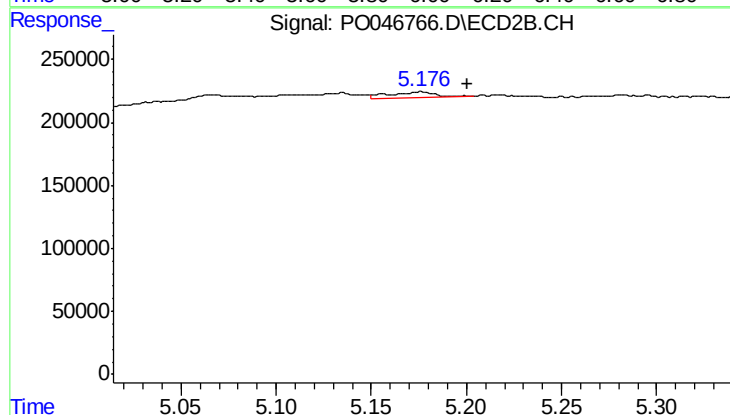
#19 AR-1242-4

R.T.: 5.066 min  
Delta R.T.: 0.012 min  
Response: 129469  
Conc: 22.81 ng/ml



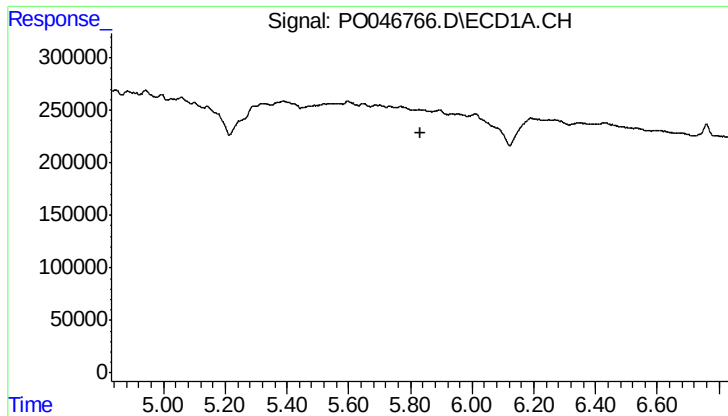
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 5.971 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

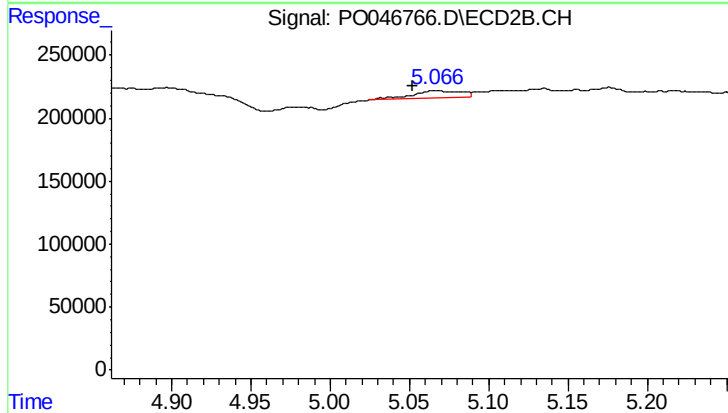
R.T.: 5.176 min  
Delta R.T.: -0.024 min  
Response: 79053  
Conc: 15.26 ng/ml



#21 AR-1248-1

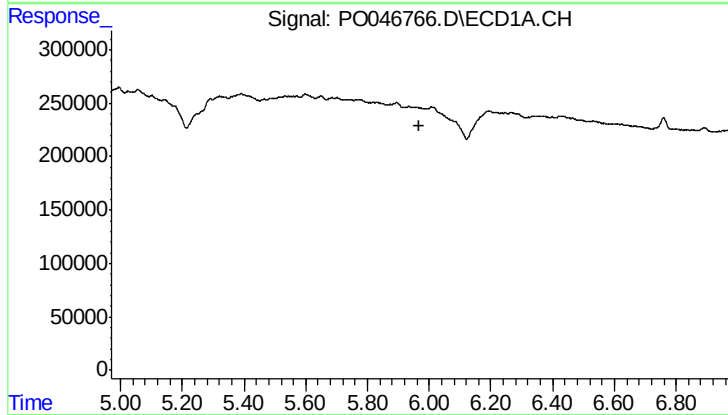
R.T.: 0.000 min  
Exp R.T.: 5.831 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



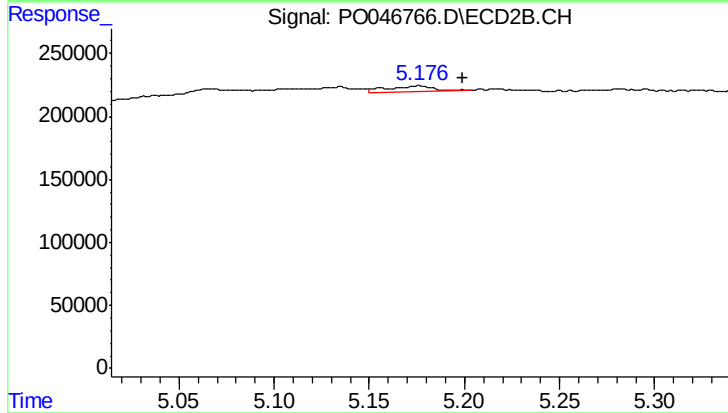
#21 AR-1248-1

R.T.: 5.066 min  
Delta R.T.: 0.013 min  
Response: 129469  
Conc: 15.31 ng/ml



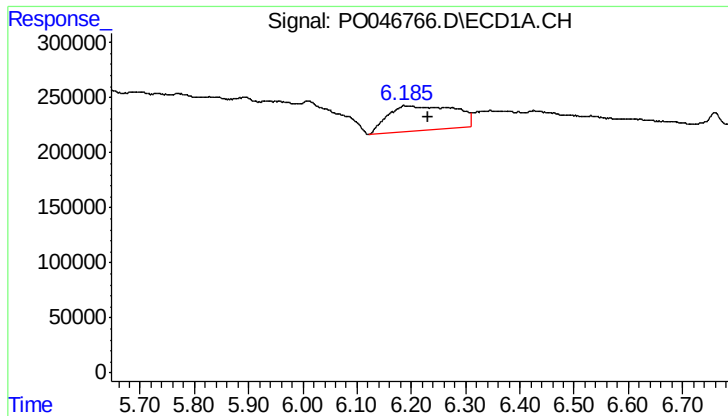
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.970 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

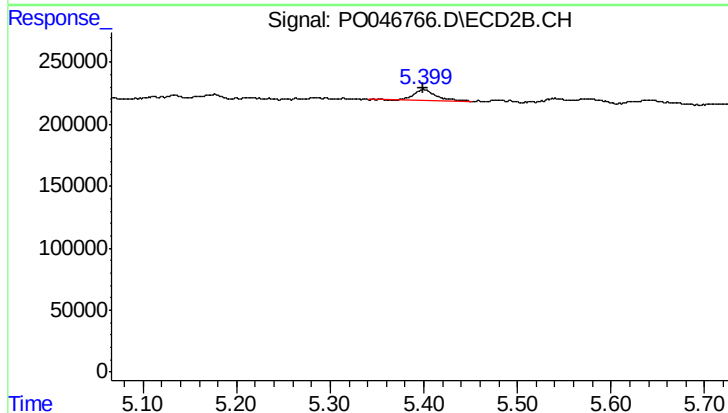
R.T.: 5.176 min  
Delta R.T.: -0.023 min  
Response: 79053  
Conc: 12.39 ng/ml



#23 AR-1248-3

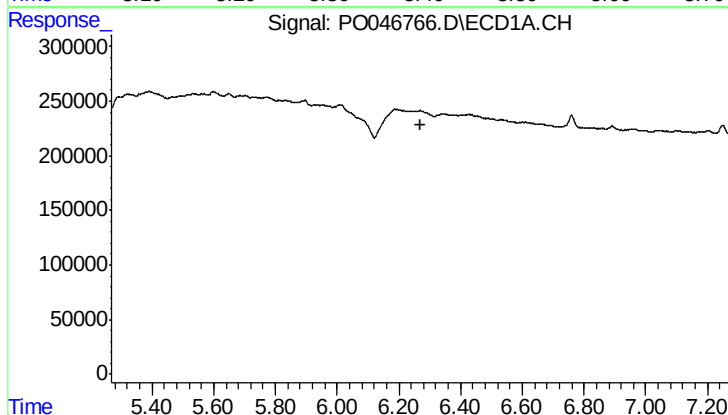
R.T.: 6.189 min  
Delta R.T.: -0.042 min  
Response: 1941454  
Conc: 211.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



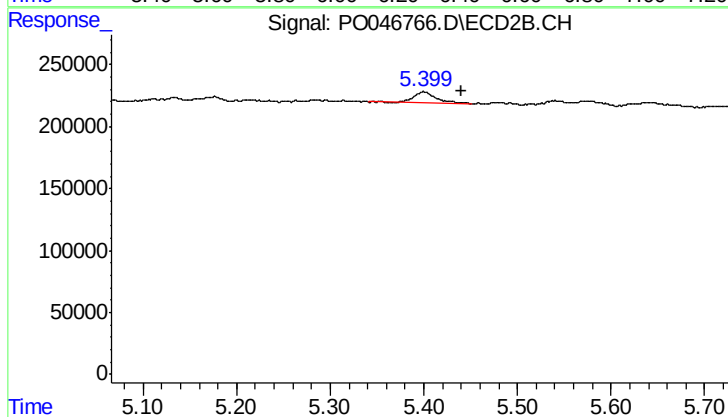
#23 AR-1248-3

R.T.: 5.400 min  
Delta R.T.: 0.000 min  
Response: 163903  
Conc: 13.32 ng/ml



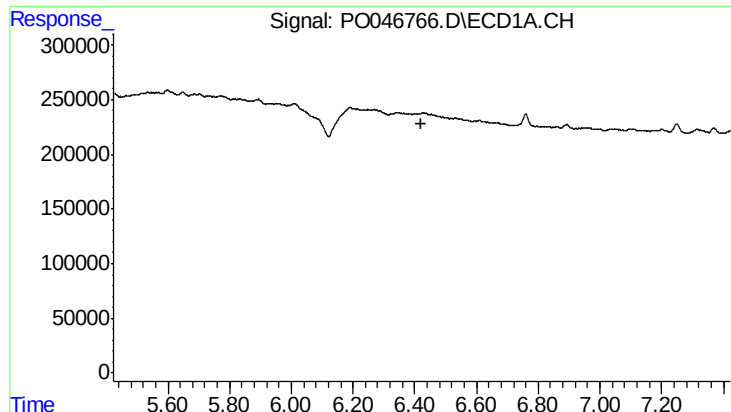
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.268 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

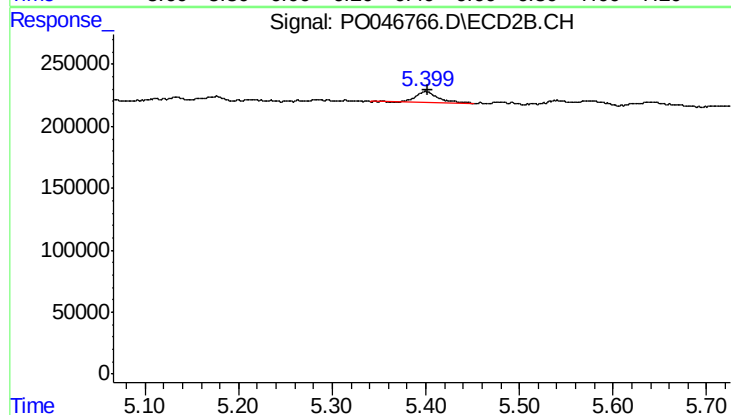
R.T.: 5.400 min  
Delta R.T.: -0.041 min  
Response: 163903  
Conc: 18.83 ng/ml



#26 AR-1254-1

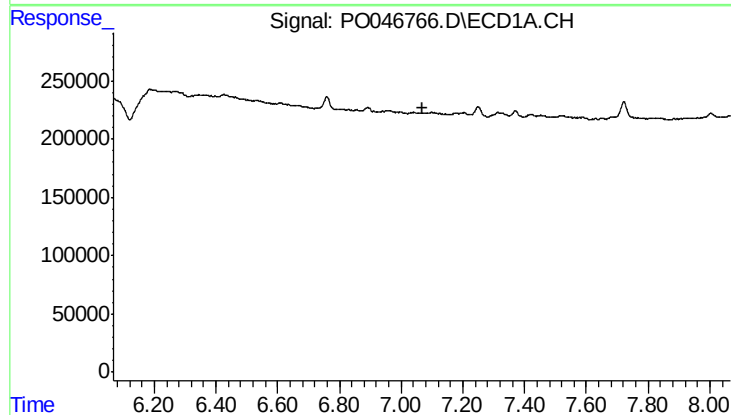
R.T.: 0.000 min  
Exp R.T.: 6.423 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



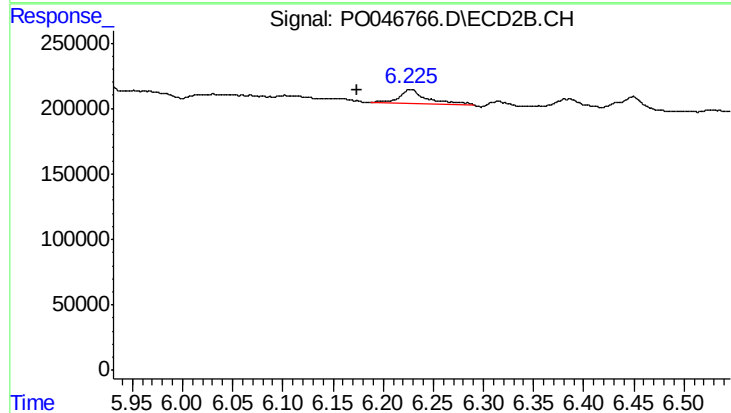
#26 AR-1254-1

R.T.: 5.400 min  
Delta R.T.: -0.002 min  
Response: 163903  
Conc: 12.26 ng/ml



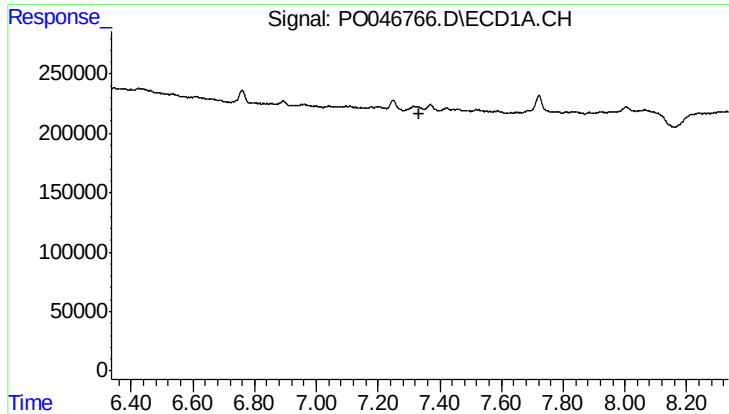
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 7.068 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

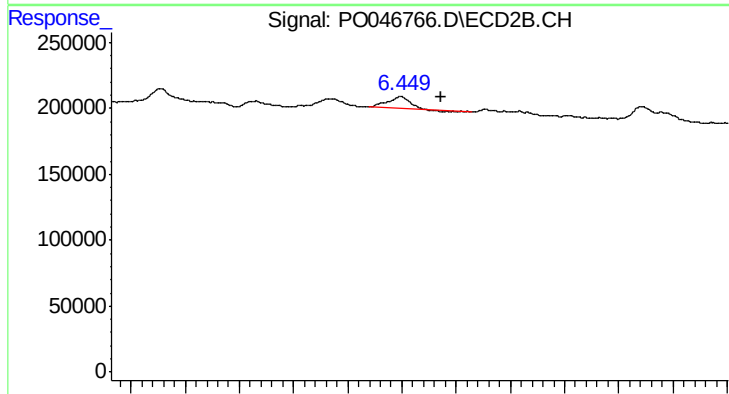
R.T.: 6.227 min  
Delta R.T.: 0.053 min  
Response: 205200  
Conc: 16.27 ng/ml



#30 AR-1254-5

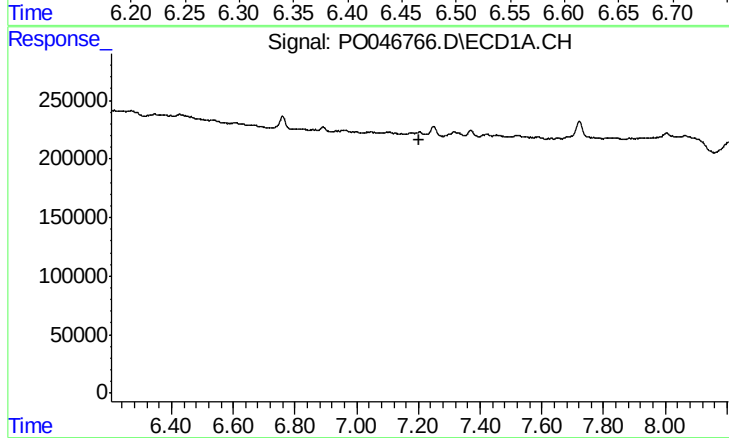
R.T.: 0.000 min  
Exp R.T.: 7.336 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



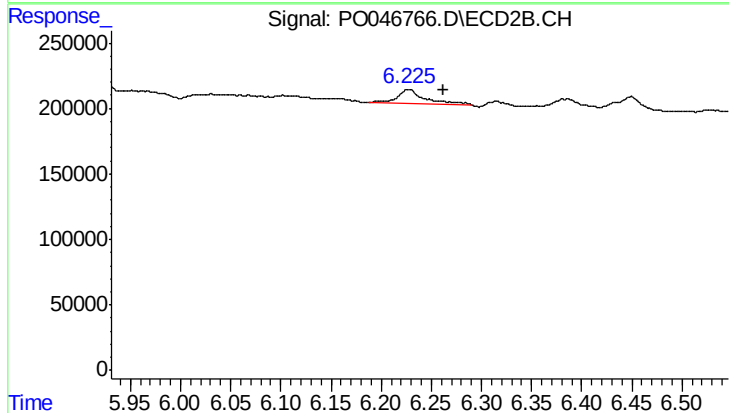
#30 AR-1254-5

R.T.: 6.449 min  
Delta R.T.: -0.037 min  
Response: 129638  
Conc: 14.29 ng/ml



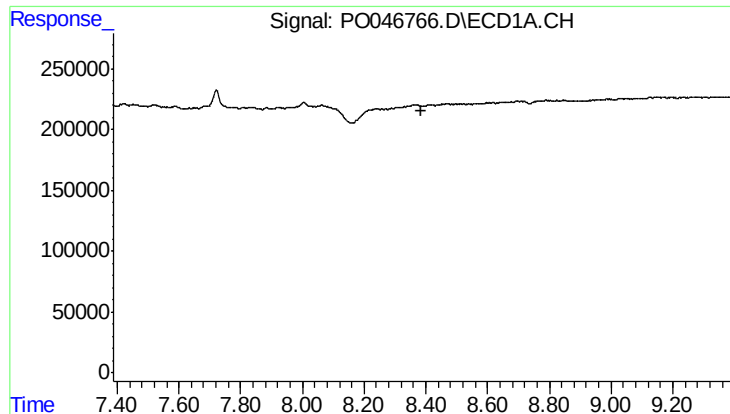
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 7.205 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

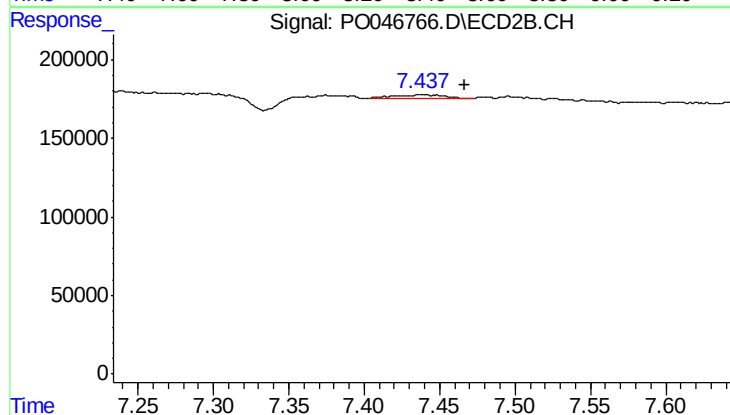
R.T.: 6.227 min  
Delta R.T.: -0.035 min  
Response: 205200  
Conc: 12.87 ng/ml



#35 AR-1260-5

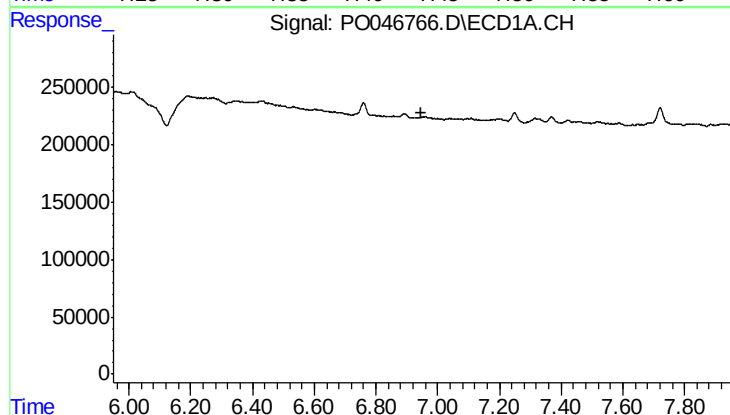
R.T.: 0.000 min  
Exp R.T.: 8.387 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



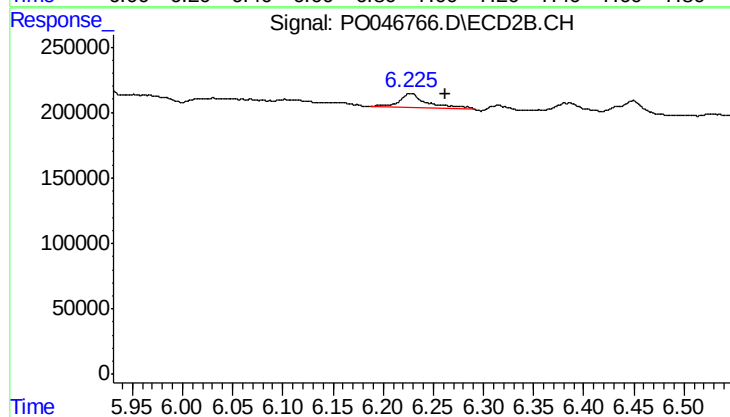
#35 AR-1260-5

R.T.: 7.439 min  
Delta R.T.: -0.027 min  
Response: 50965  
Conc: 2.65 ng/ml



#36 AR-1262-1

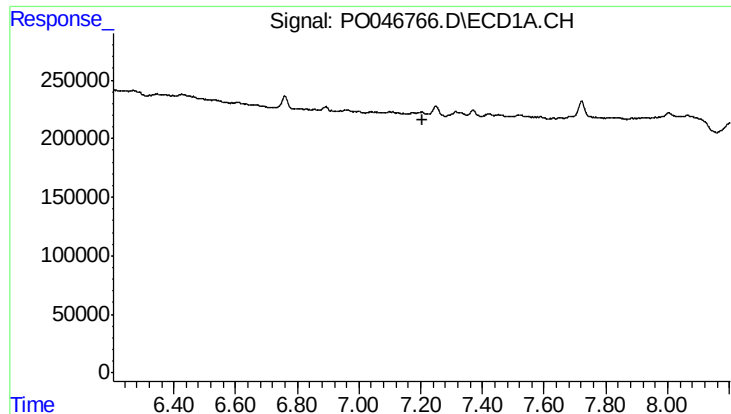
R.T.: 0.000 min  
Exp R.T.: 6.949 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

R.T.: 6.227 min  
Delta R.T.: -0.035 min  
Response: 205200  
Conc: 15.67 ng/ml

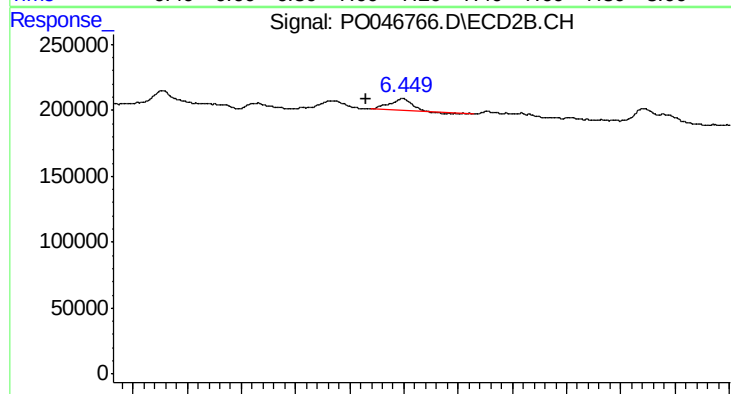




#37 AR-1262-2

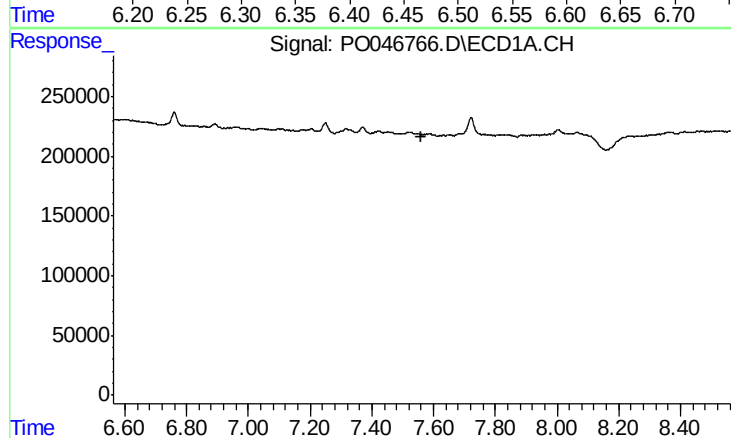
R.T.: 0.000 min  
Exp R.T.: 7.205 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



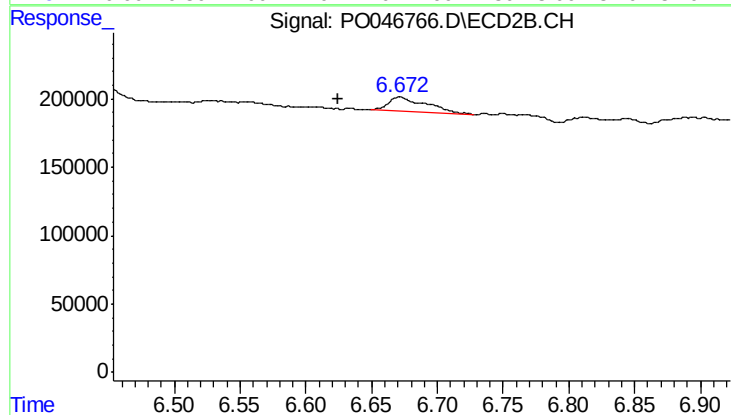
#37 AR-1262-2

R.T.: 6.449 min  
Delta R.T.: 0.034 min  
Response: 129638  
Conc: 10.01 ng/ml



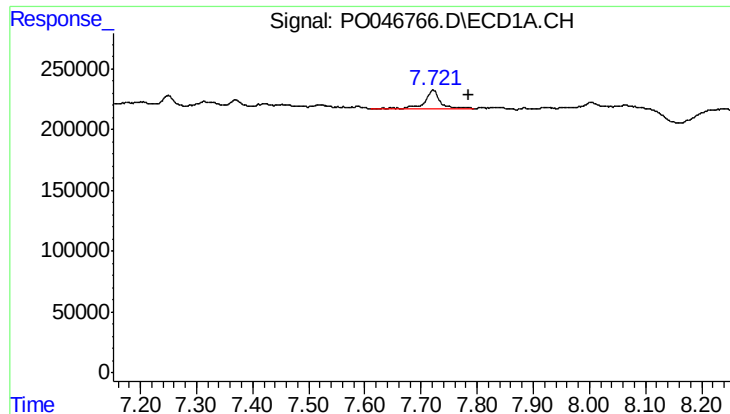
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 7.562 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

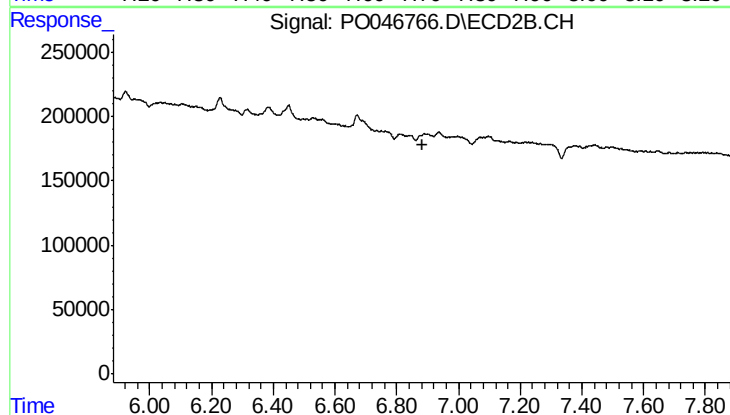
R.T.: 6.672 min  
Delta R.T.: 0.047 min  
Response: 207677  
Conc: 11.86 ng/ml



#39 AR-1262-4

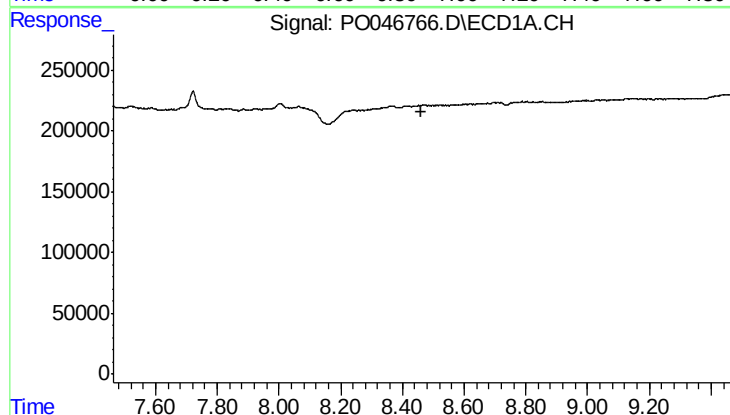
R.T.: 7.721 min  
Delta R.T.: -0.063 min  
Response: 287978  
Conc: 21.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
20180414-FIELDBLANK



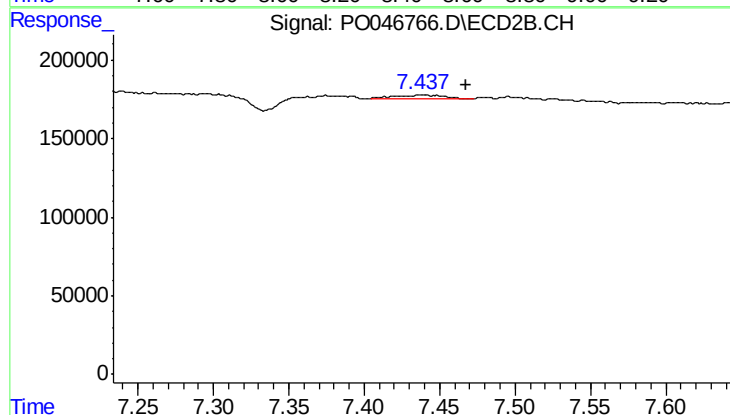
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 6.882 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.463 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.439 min  
Delta R.T.: -0.028 min  
Response: 50965  
Conc: 1.85 ng/ml