

Data Path : P:\HPCHEM1\ECD\_0\Data\P0041618\  
 Data File : P0043917.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Apr 2018 17:51  
 Operator : SM/UA  
 Sample : J2348-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 132

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 17 01:28:19 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0040418.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 04 15:17:57 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...          | 4.056 | 3.317 | 6068669  | 7900980 | 34.136   | 29.406    |
| 2) SA Decachlor...          | 9.390 | 8.075 | 1593483  | 4125856 | 8.842    | 17.599 #  |
| Target Compounds            |       |       |          |         |          |           |
| 3) L1 AR-1016-1             | 4.886 | 0.000 | 160646   | 0       | 36.434   | N.D. #    |
| 4) L1 AR-1016-2             | 5.309 | 4.618 | 1348935  | 602955  | 227.826  | 103.471 # |
| 5) L1 AR-1016-3             | 5.309 | 4.618 | 1348935  | 602955  | 279.466  | 85.465 #  |
| 6) L1 AR-1016-4             | 5.786 | 4.711 | 307707   | 926179  | 54.841   | 119.973 # |
| 7) L1 AR-1016-5             | 6.048 | 5.108 | 11204827 | 482124  | 2361.424 | 64.742 #  |
| 9) L2 AR-1221-2             | 0.000 | 3.601 | 0        | 199174  | N.D.     | 56.839 #  |
| 10) L2 AR-1221-3            | 0.000 | 3.714 | 0        | 384887  | N.D.     | 34.363 #  |
| 11) L3 AR-1232-1            | 0.000 | 3.714 | 0        | 384887  | N.D.     | 65.684 #  |
| 12) L3 AR-1232-2            | 5.192 | 4.359 | 141671   | 2964743 | 48.597   | 248.206 # |
| 13) L3 AR-1232-3            | 5.192 | 4.434 | 141671   | 446018  | 29.519   | 85.791 #  |
| 14) L3 AR-1232-4            | 5.309 | 0.000 | 1348935  | 0       | 480.713  | N.D. #    |
| 15) L3 AR-1232-5            | 5.309 | 4.618 | 1348935  | 602955  | 608.976  | 205.419 # |
| 17) L4 AR-1242-2            | 5.192 | 4.359 | 141671   | 2964743 | 17.736   | 144.059 # |
| 18) L4 AR-1242-3            | 5.309 | 0.000 | 1348935  | 0       | 349.857  | N.D. #    |
| 19) L4 AR-1242-4            | 5.633 | 4.618 | 276569   | 602955  | 69.960   | 98.750 #  |
| 20) L4 AR-1242-5            | 5.786 | 4.711 | 307707   | 926179  | 66.606   | 144.019 # |
| 21) L5 AR-1248-1            | 5.633 | 4.711 | 276569   | 926179  | 39.380   | 80.149 #  |
| 22) L5 AR-1248-2            | 5.786 | 4.852 | 307707   | 442801  | 49.768   | 41.762    |
| 23) L5 AR-1248-3            | 6.048 | 5.108 | 11204827 | 482124  | 1285.462 | 27.467 #  |
| 24) L5 AR-1248-4            | 6.048 | 5.108 | 11204827 | 482124  | 1250.233 | 34.377 #  |
| 25) L5 AR-1248-5            | 6.266 | 5.626 | 1746382  | 636680  | 310.142  | 65.322 #  |
| 26) L6 AR-1254-1            | 6.216 | 5.108 | 487520   | 482124  | 32.510   | 22.154 #  |
| 27) L6 AR-1254-2            | 6.509 | 5.293 | 574102   | 4373862 | 60.465   | 225.663 # |
| 28) L6 AR-1254-3            | 6.575 | 5.626 | 1470162  | 636680  | 89.083   | 20.111 #  |
| 29) L6 AR-1254-4            | 6.846 | 5.892 | 246179   | 385158  | 18.072   | 15.608    |
| 30) L6 AR-1254-5            | 7.139 | 6.211 | 516445   | 177938  | 52.946   | 12.279 #  |
| 31) L7 AR-1260-1            | 6.730 | 5.759 | 83727    | 880124  | 8.311    | 52.659 #  |
| 32) L7 AR-1260-2            | 0.000 | 5.941 | 0        | 879036  | N.D.     | 41.542 #  |
| 33) L7 AR-1260-3            | 7.332 | 6.211 | 367505   | 177938  | 36.348   | 8.081 #   |
| 34) L7 AR-1260-4            | 7.816 | 0.000 | 1605397  | 0       | 77.593   | N.D. #    |
| 36) L8 AR-1262-1            | 6.730 | 5.941 | 83727    | 879036  | 8.711    | 40.404 #  |
| 38) L8 AR-1262-3            | 7.255 | 0.000 | 403511   | 0       | 35.818   | N.D. #    |
| 40) L8 AR-1262-5            | 7.816 | 0.000 | 1605397  | 0       | 52.752   | N.D. #    |
| -----                       |       |       |          |         |          |           |

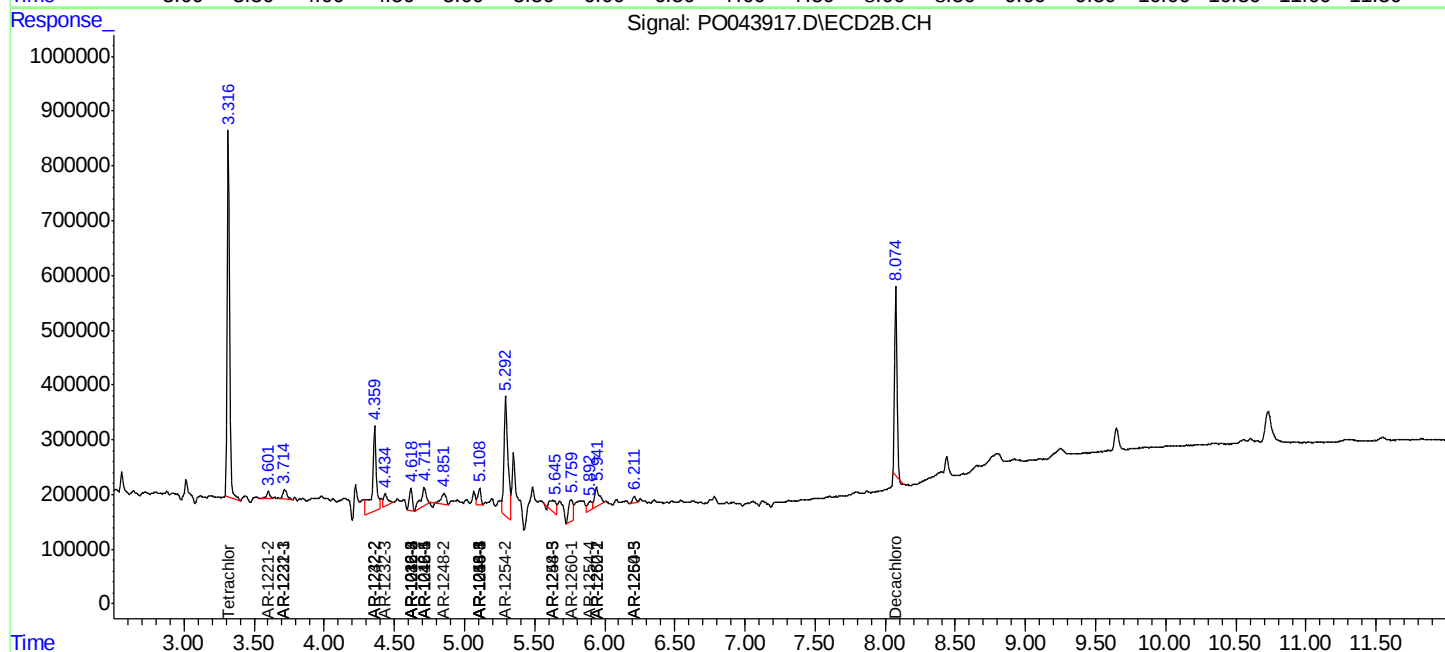
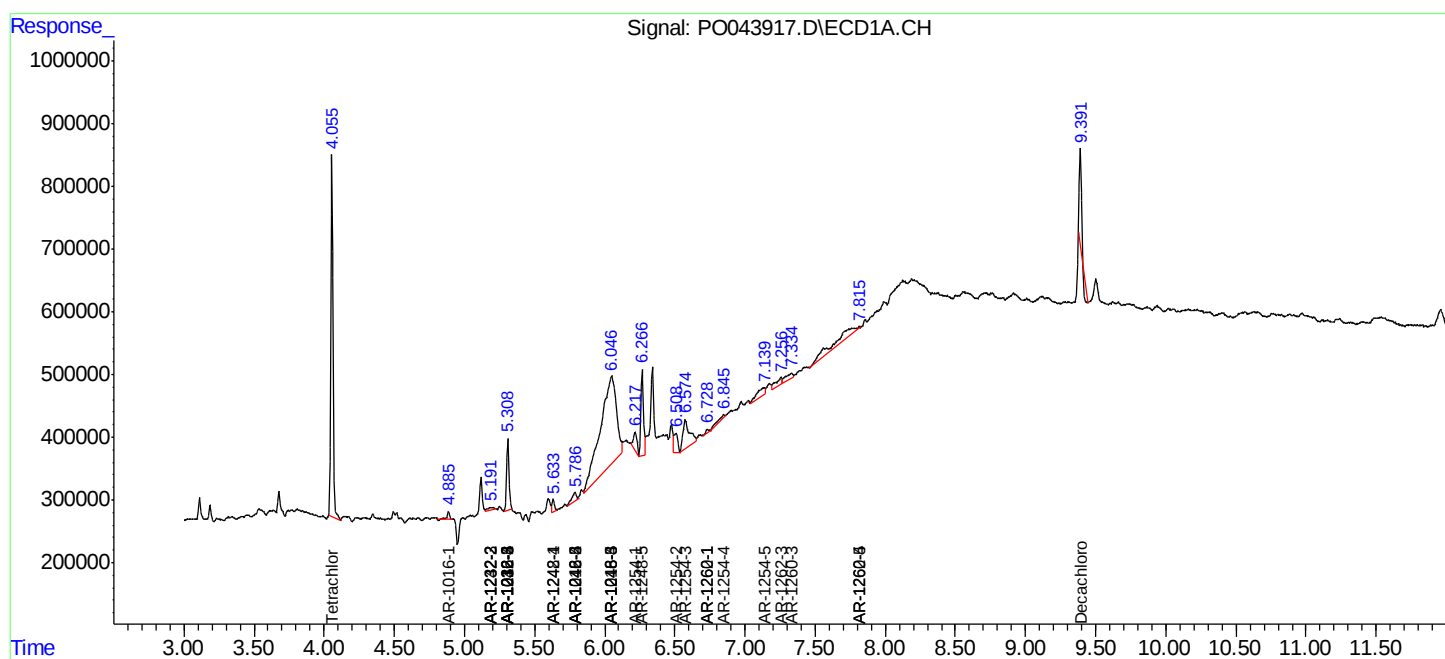
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

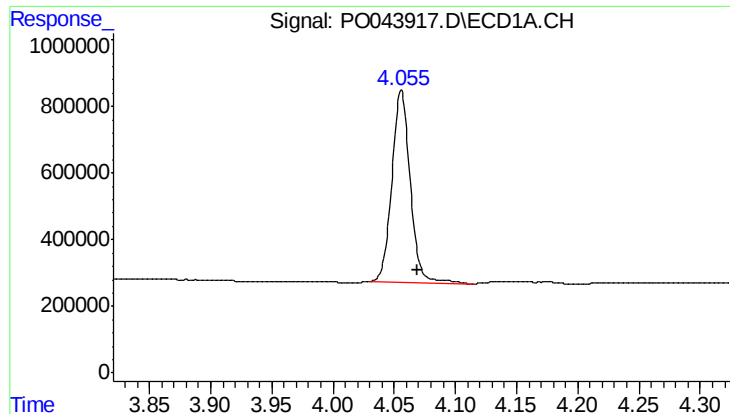
Data Path : P:\HPCHEM1\ECD\_0\Data\PO041618\  
Data File : PO043917.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 16 Apr 2018 17:51  
Operator : SM/UA  
Sample : J2348-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
132

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 17 01:28:19 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO040418.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 04 15:17:57 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

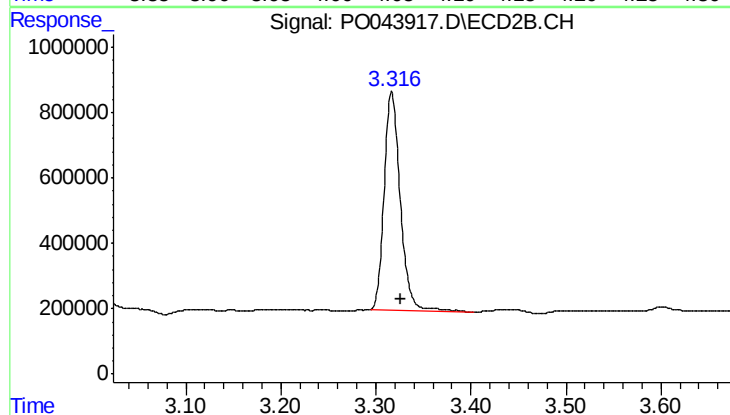




#1 Tetrachloro-m-xylene

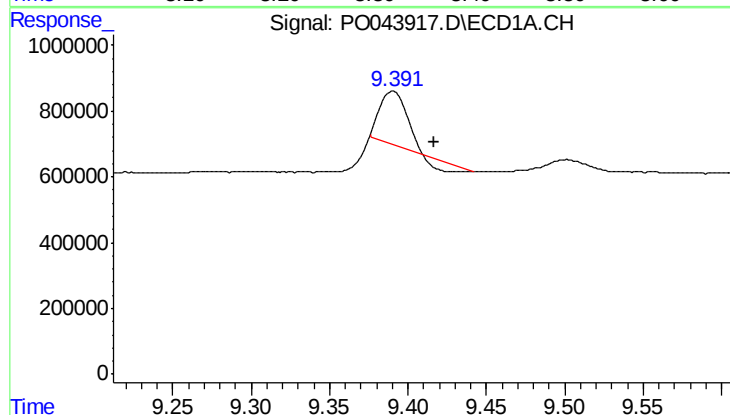
R.T.: 4.056 min  
Delta R.T.: -0.014 min  
Response: 6068669  
Conc: 34.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
132



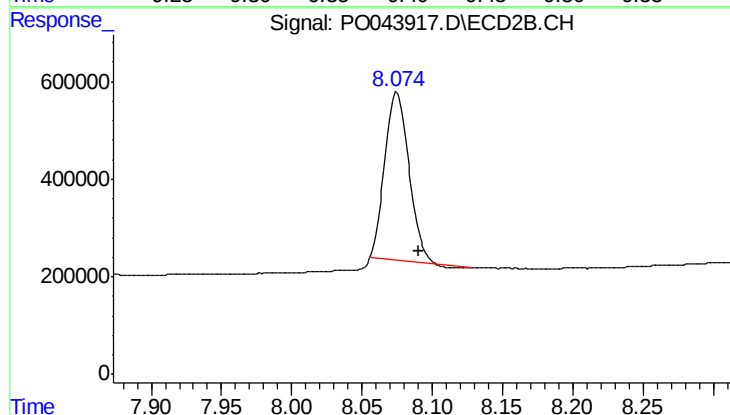
#1 Tetrachloro-m-xylene

R.T.: 3.317 min  
Delta R.T.: -0.010 min  
Response: 7900980  
Conc: 29.41 ng/ml



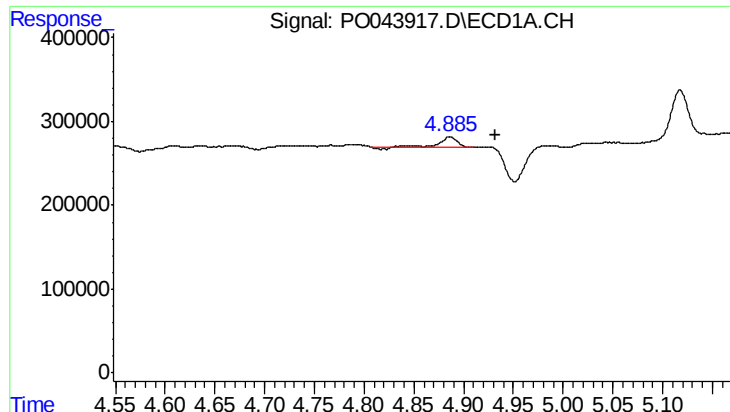
#2 Decachlorobiphenyl

R.T.: 9.390 min  
Delta R.T.: -0.026 min  
Response: 1593483  
Conc: 8.84 ng/ml



#2 Decachlorobiphenyl

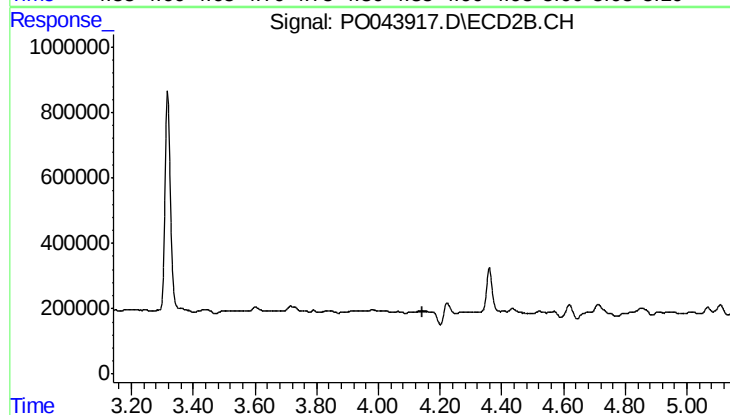
R.T.: 8.075 min  
Delta R.T.: -0.016 min  
Response: 4125856  
Conc: 17.60 ng/ml



#3 AR-1016-1

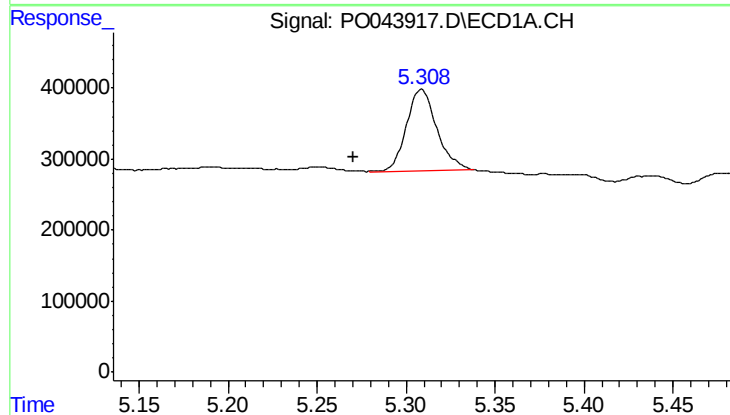
R.T.: 4.886 min  
Delta R.T.: -0.046 min  
Response: 160646  
Conc: 36.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
132



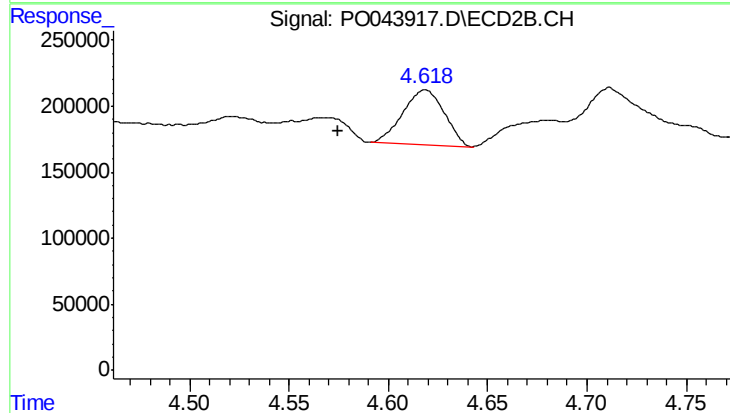
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T.: 4.141 min  
Response: 0  
Conc: N.D.



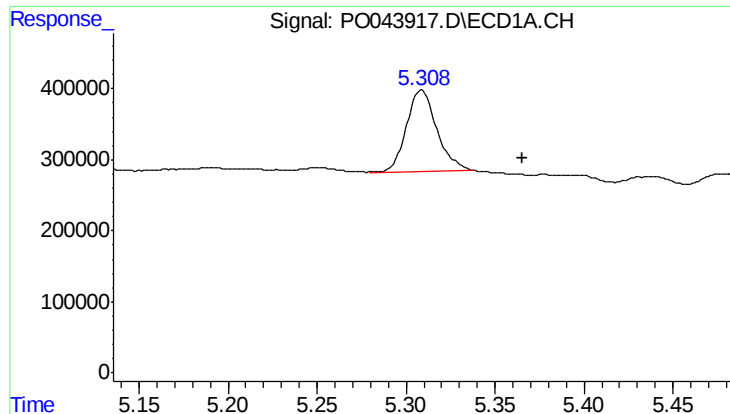
#4 AR-1016-2

R.T.: 5.309 min  
Delta R.T.: 0.038 min  
Response: 1348935  
Conc: 227.83 ng/ml



#4 AR-1016-2

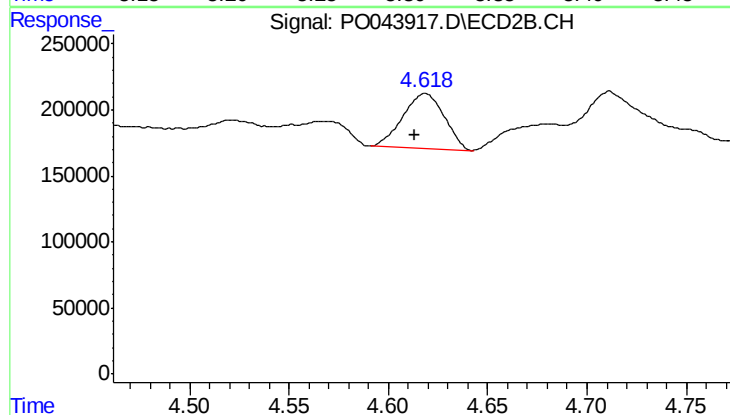
R.T.: 4.618 min  
Delta R.T.: 0.044 min  
Response: 602955  
Conc: 103.47 ng/ml



#5 AR-1016-3

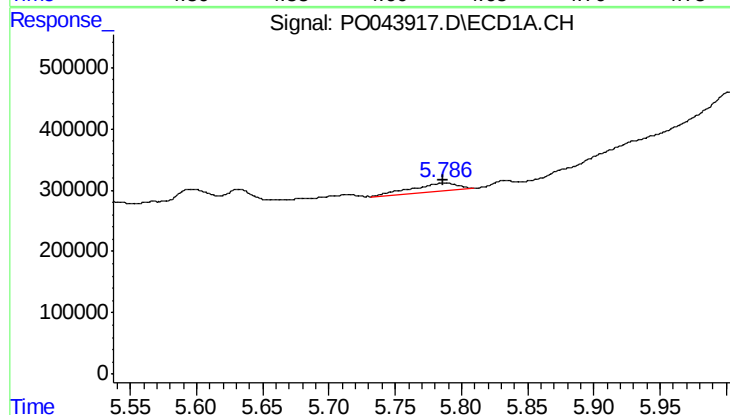
R.T.: 5.309 min  
Delta R.T.: -0.057 min  
Response: 1348935  
Conc: 279.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
132



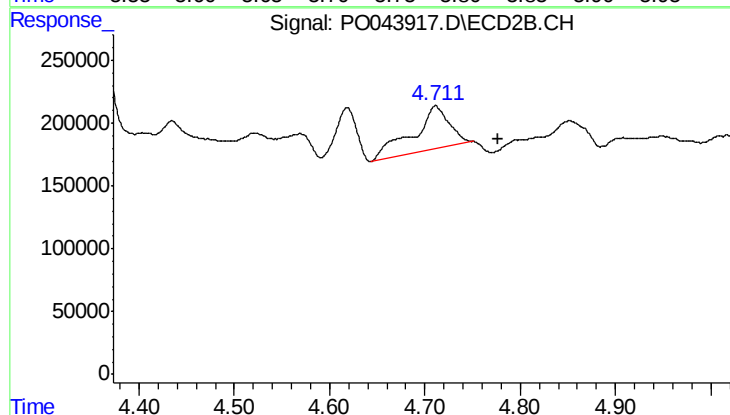
#5 AR-1016-3

R.T.: 4.618 min  
Delta R.T.: 0.005 min  
Response: 602955  
Conc: 85.46 ng/ml



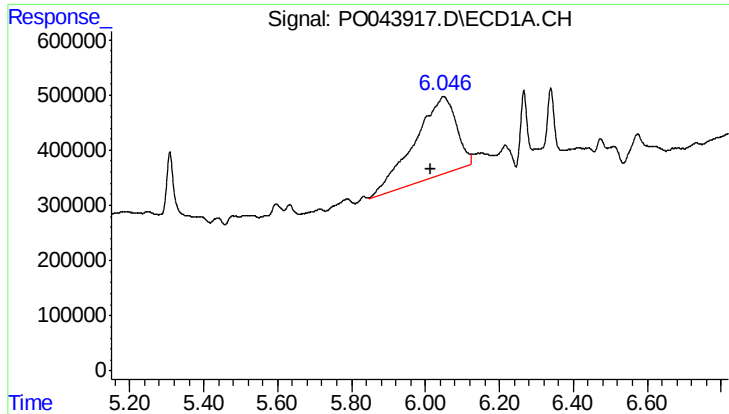
#6 AR-1016-4

R.T.: 5.786 min  
Delta R.T.: 0.000 min  
Response: 307707  
Conc: 54.84 ng/ml



#6 AR-1016-4

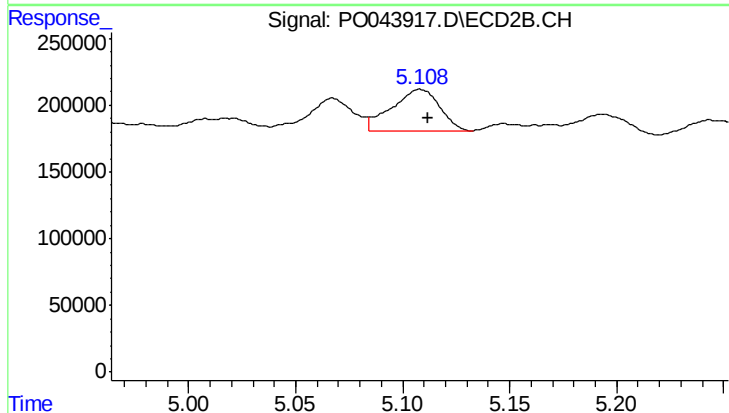
R.T.: 4.711 min  
Delta R.T.: -0.066 min  
Response: 926179  
Conc: 119.97 ng/ml



#7 AR-1016-5

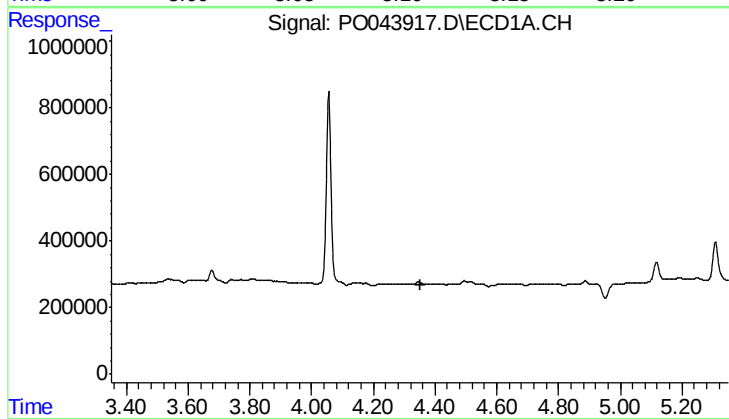
R.T.: 6.048 min  
Delta R.T.: 0.032 min  
Response: 11204827  
Conc: 2361.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
132



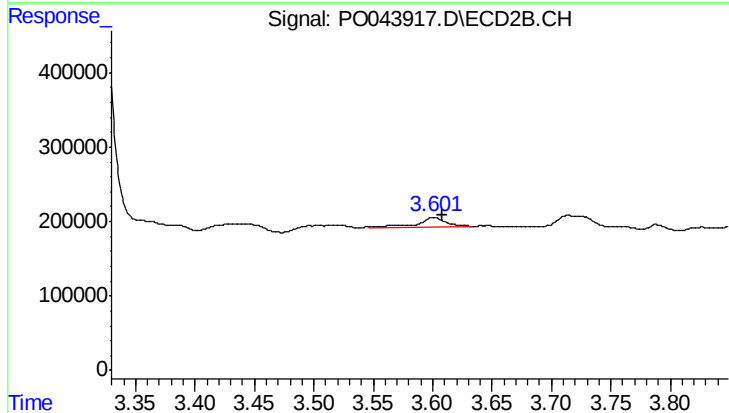
#7 AR-1016-5

R.T.: 5.108 min  
Delta R.T.: -0.004 min  
Response: 482124  
Conc: 64.74 ng/ml



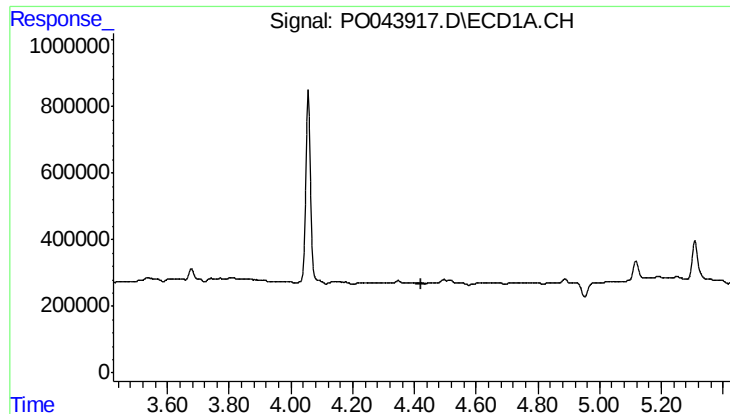
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 4.351 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

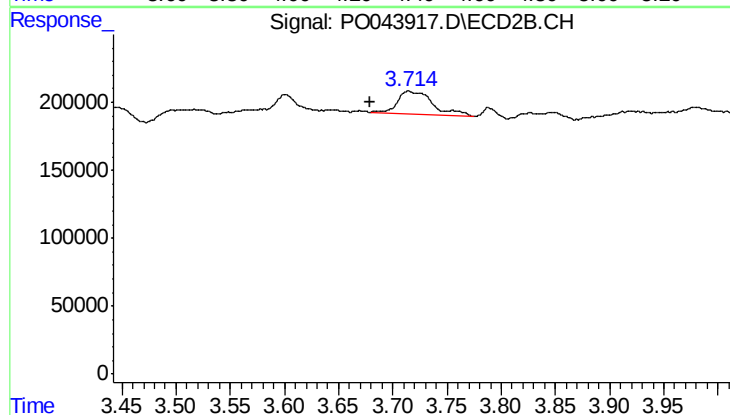
R.T.: 3.601 min  
Delta R.T.: -0.008 min  
Response: 199174  
Conc: 56.84 ng/ml



#10 AR-1221-3

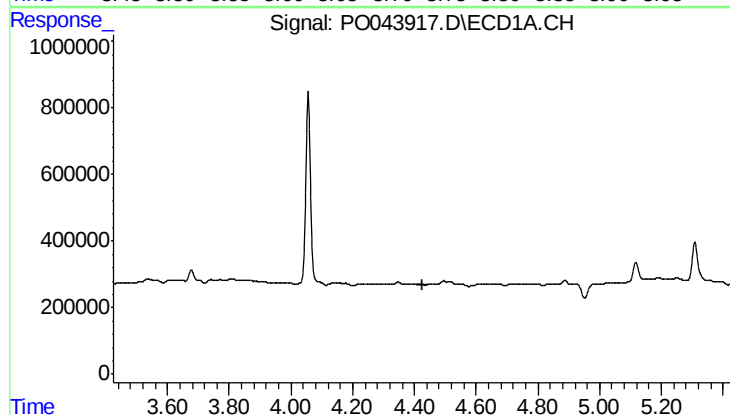
R.T.: 0.000 min  
Exp R.T.: 4.424 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
132



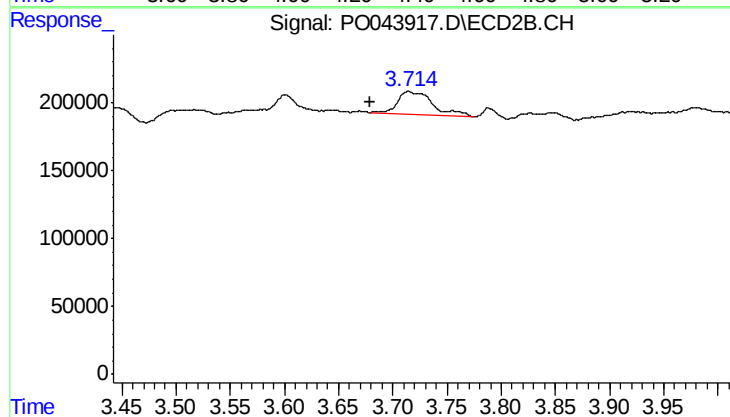
#10 AR-1221-3

R.T.: 3.714 min  
Delta R.T.: 0.035 min  
Response: 384887  
Conc: 34.36 ng/ml



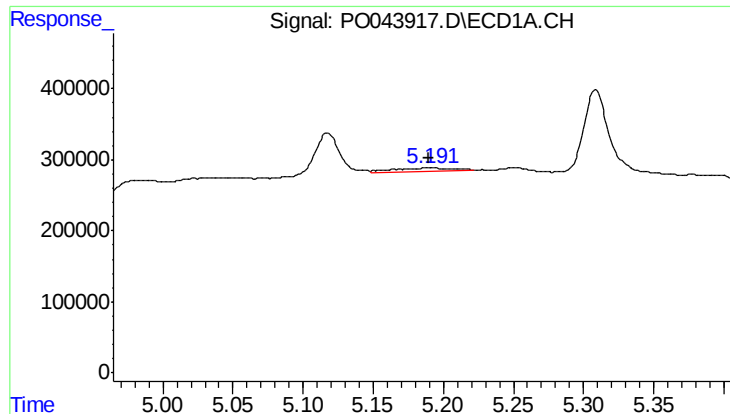
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T.: 4.425 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

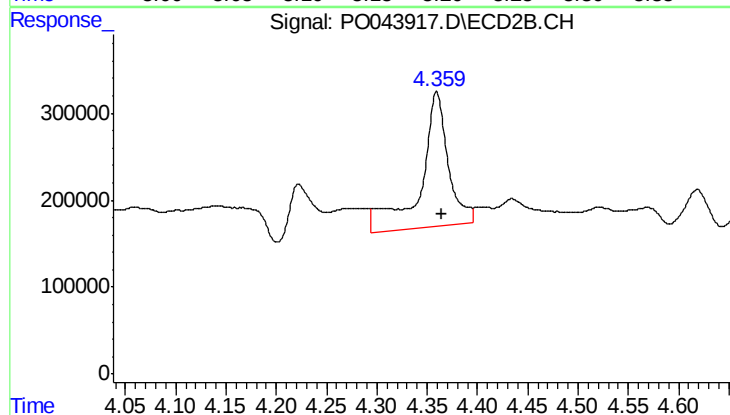
R.T.: 3.714 min  
Delta R.T.: 0.035 min  
Response: 384887  
Conc: 65.68 ng/ml



#12 AR-1232-2

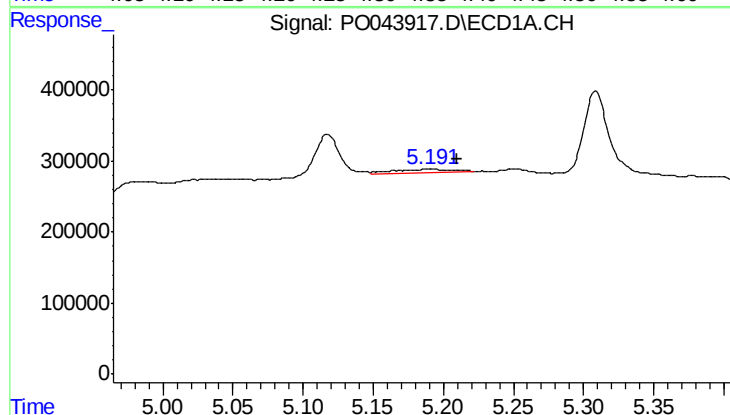
R.T.: 5.192 min  
Delta R.T.: 0.003 min  
Response: 141671  
Conc: 48.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
132



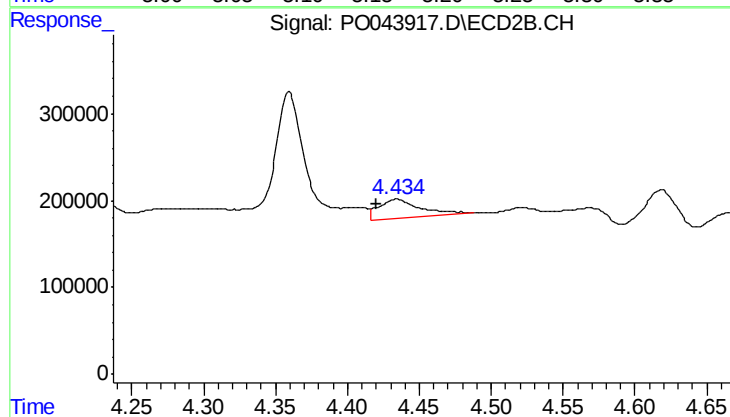
#12 AR-1232-2

R.T.: 4.359 min  
Delta R.T.: -0.005 min  
Response: 2964743  
Conc: 248.21 ng/ml



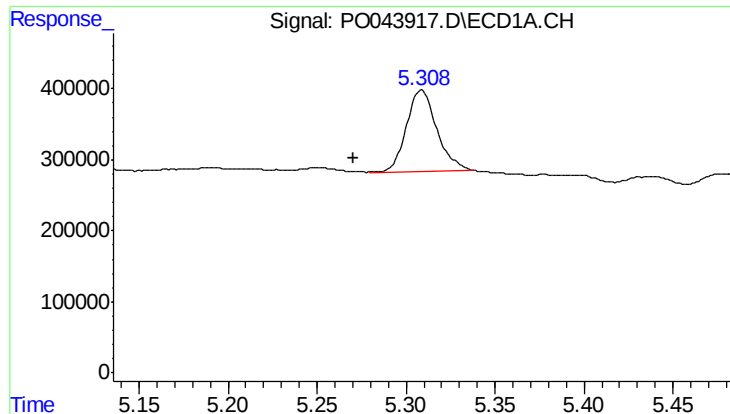
#13 AR-1232-3

R.T.: 5.192 min  
Delta R.T.: -0.018 min  
Response: 141671  
Conc: 29.52 ng/ml



#13 AR-1232-3

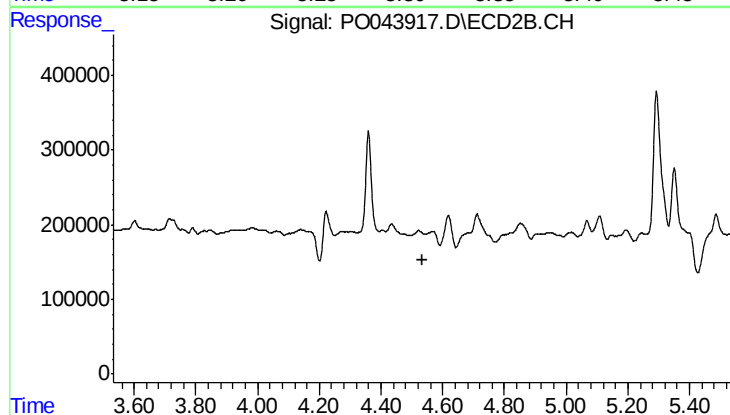
R.T.: 4.434 min  
Delta R.T.: 0.014 min  
Response: 446018  
Conc: 85.79 ng/ml



#14 AR-1232-4

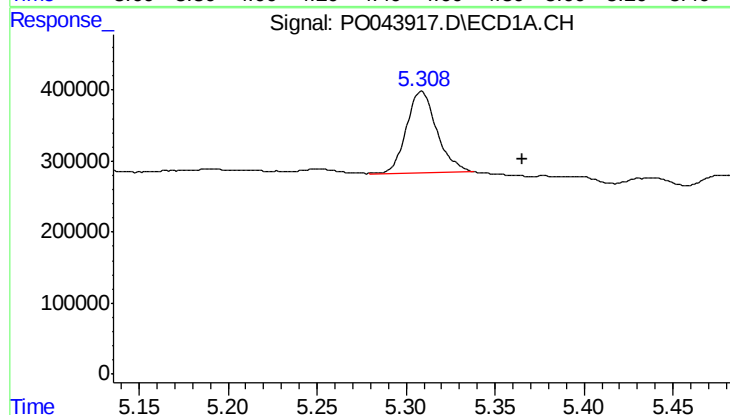
R.T.: 5.309 min  
Delta R.T.: 0.038 min  
Response: 1348935  
Conc: 480.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
132



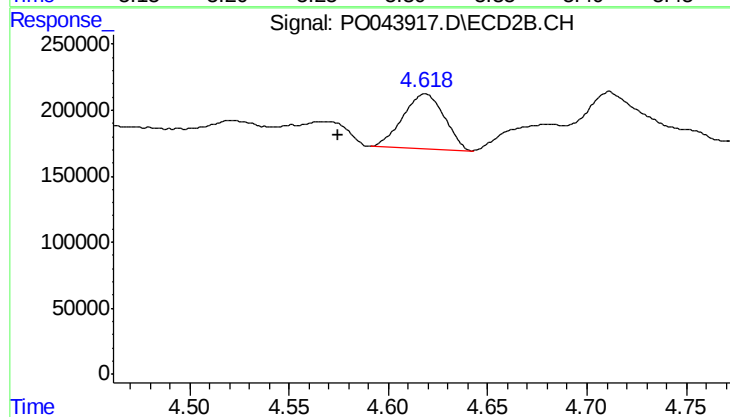
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 4.533 min  
Response: 0  
Conc: N.D.



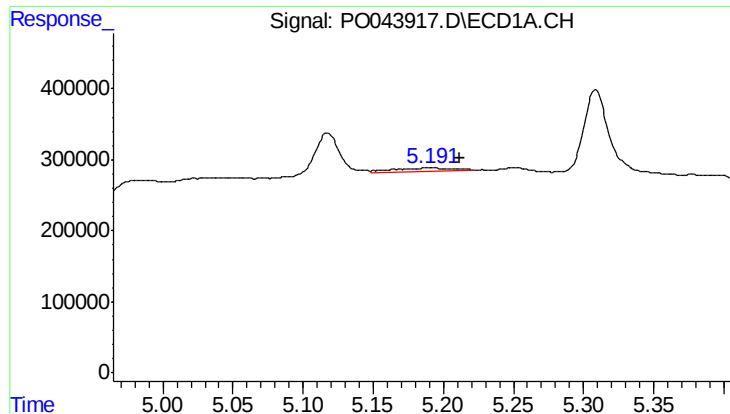
#15 AR-1232-5

R.T.: 5.309 min  
Delta R.T.: -0.057 min  
Response: 1348935  
Conc: 608.98 ng/ml



#15 AR-1232-5

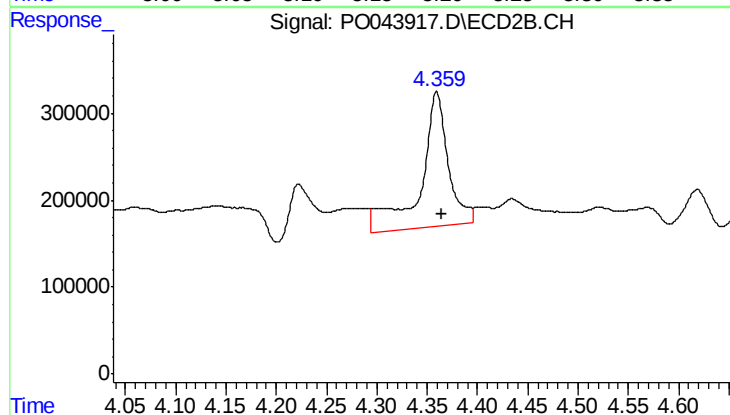
R.T.: 4.618 min  
Delta R.T.: 0.044 min  
Response: 602955  
Conc: 205.42 ng/ml



#17 AR-1242-2

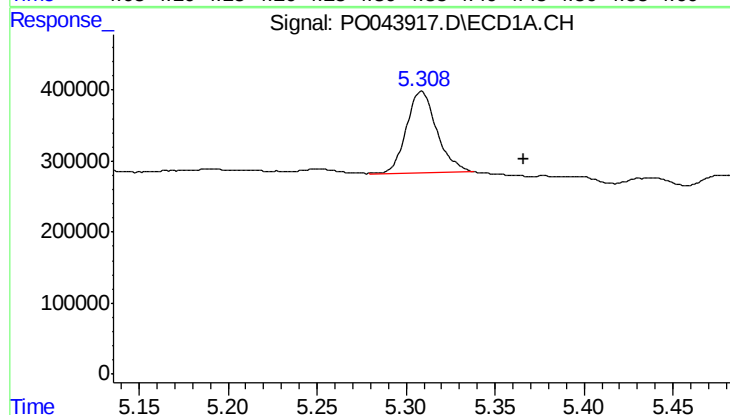
R.T.: 5.192 min  
Delta R.T.: -0.020 min  
Response: 141671  
Conc: 17.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
132



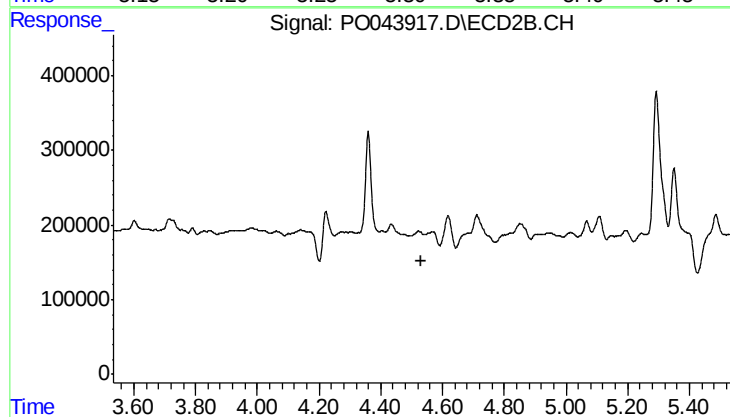
#17 AR-1242-2

R.T.: 4.359 min  
Delta R.T.: -0.006 min  
Response: 2964743  
Conc: 144.06 ng/ml



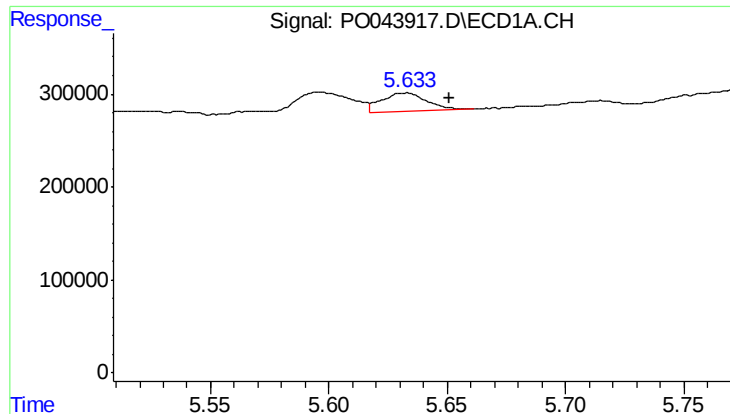
#18 AR-1242-3

R.T.: 5.309 min  
Delta R.T.: -0.058 min  
Response: 1348935  
Conc: 349.86 ng/ml



#18 AR-1242-3

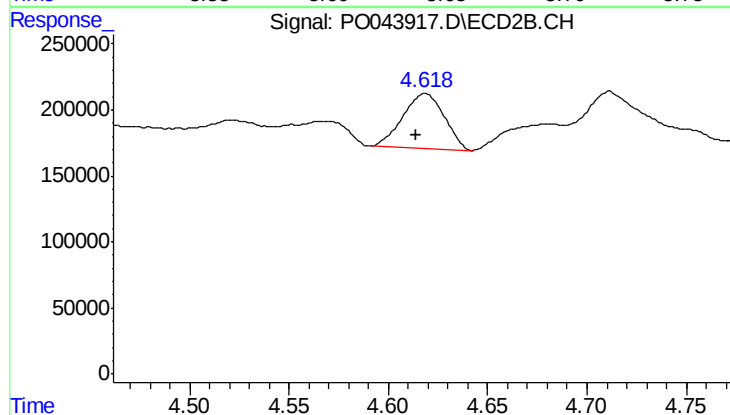
R.T.: 0.000 min  
Exp R.T.: 4.533 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

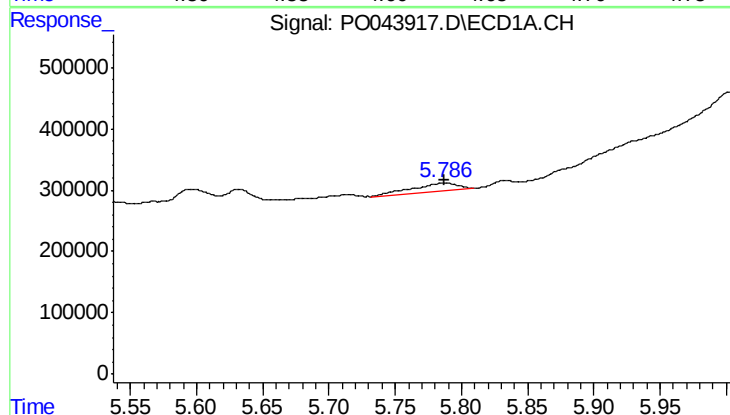
R.T.: 5.633 min  
Delta R.T.: -0.018 min  
Response: 276569  
Conc: 69.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
132



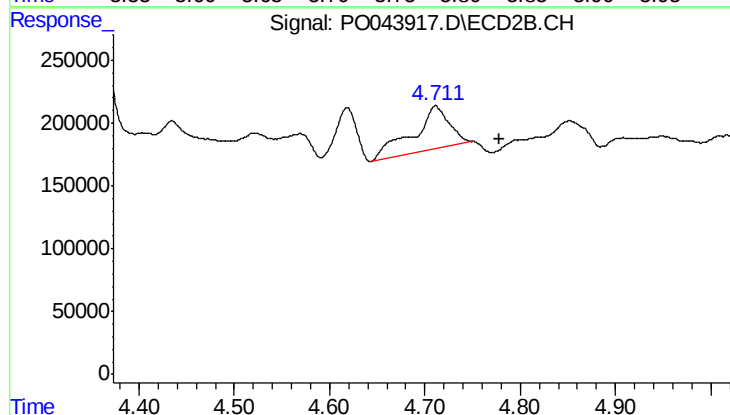
#19 AR-1242-4

R.T.: 4.618 min  
Delta R.T.: 0.005 min  
Response: 602955  
Conc: 98.75 ng/ml



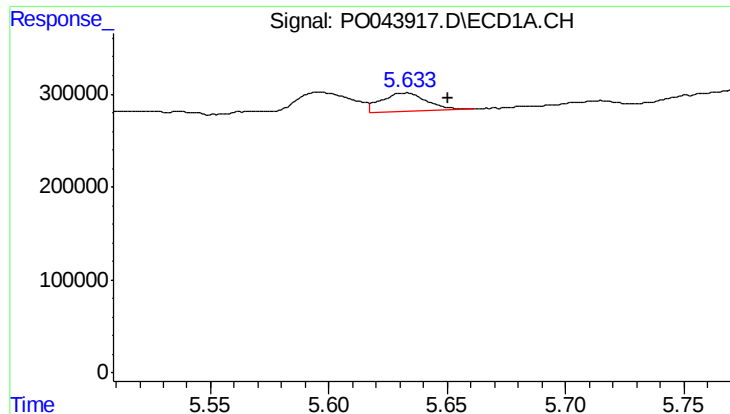
#20 AR-1242-5

R.T.: 5.786 min  
Delta R.T.: -0.001 min  
Response: 307707  
Conc: 66.61 ng/ml



#20 AR-1242-5

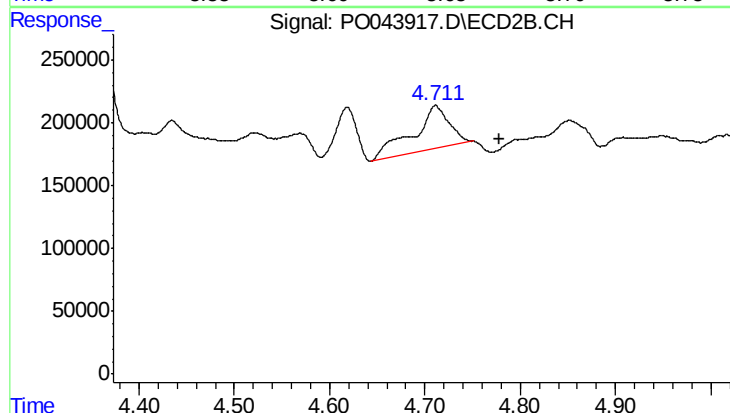
R.T.: 4.711 min  
Delta R.T.: -0.067 min  
Response: 926179  
Conc: 144.02 ng/ml



#21 AR-1248-1

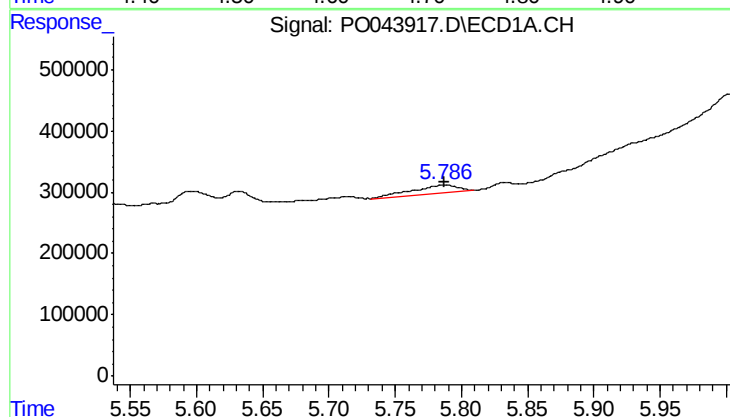
R.T.: 5.633 min  
Delta R.T.: -0.018 min  
Response: 276569  
Conc: 39.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
132



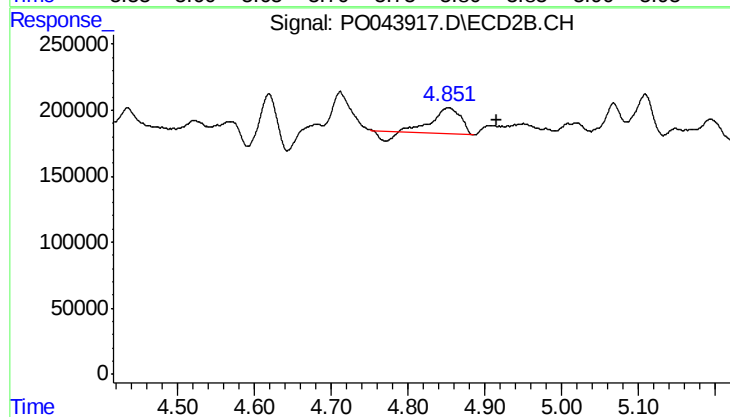
#21 AR-1248-1

R.T.: 4.711 min  
Delta R.T.: -0.066 min  
Response: 926179  
Conc: 80.15 ng/ml



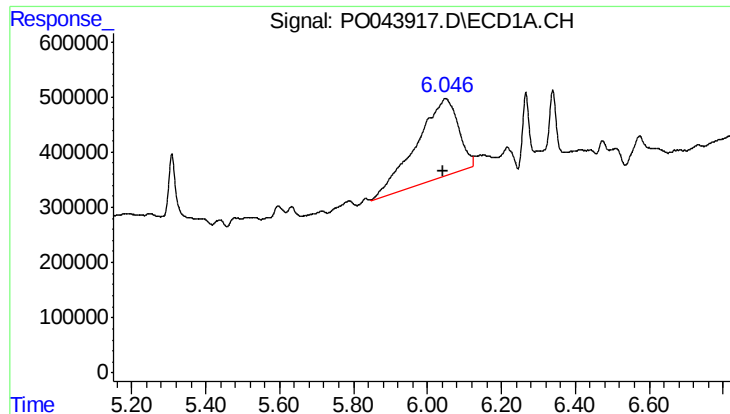
#22 AR-1248-2

R.T.: 5.786 min  
Delta R.T.: 0.000 min  
Response: 307707  
Conc: 49.77 ng/ml



#22 AR-1248-2

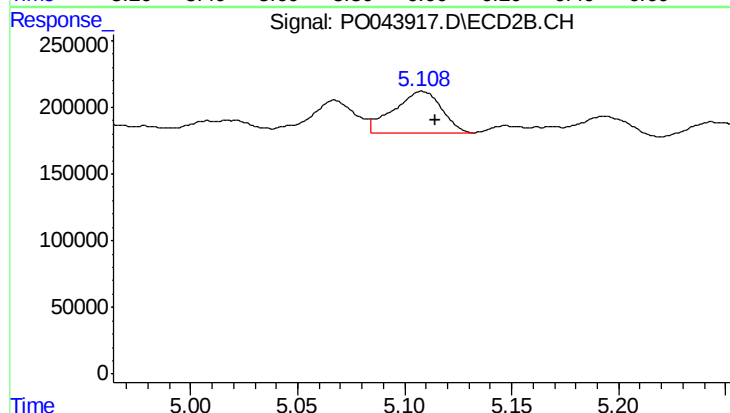
R.T.: 4.852 min  
Delta R.T.: -0.064 min  
Response: 442801  
Conc: 41.76 ng/ml



#23 AR-1248-3

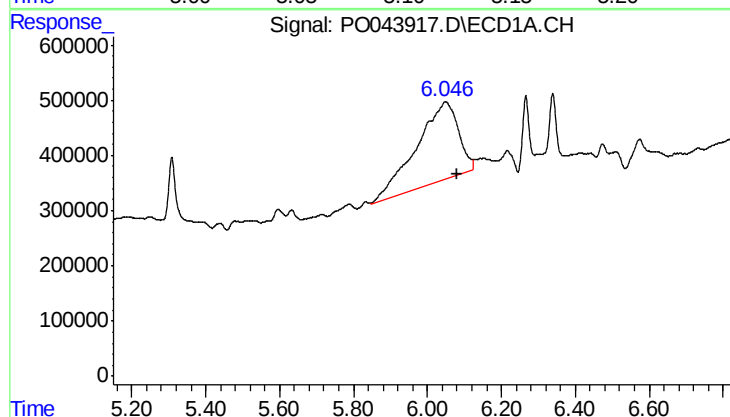
R.T.: 6.048 min  
Delta R.T.: 0.006 min  
Response: 11204827  
Conc: 1285.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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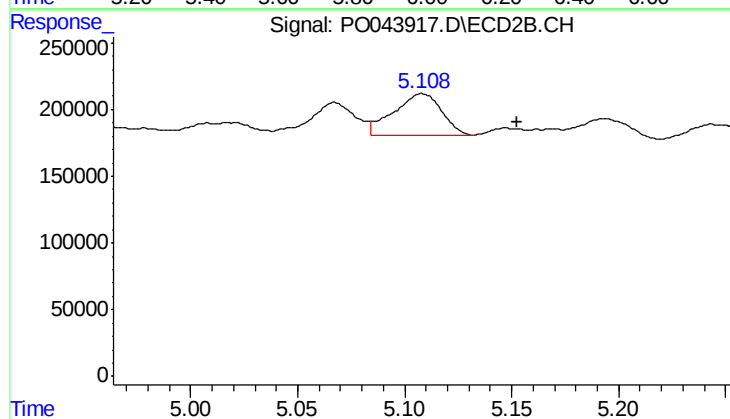
#23 AR-1248-3

R.T.: 5.108 min  
Delta R.T.: -0.006 min  
Response: 482124  
Conc: 27.47 ng/ml



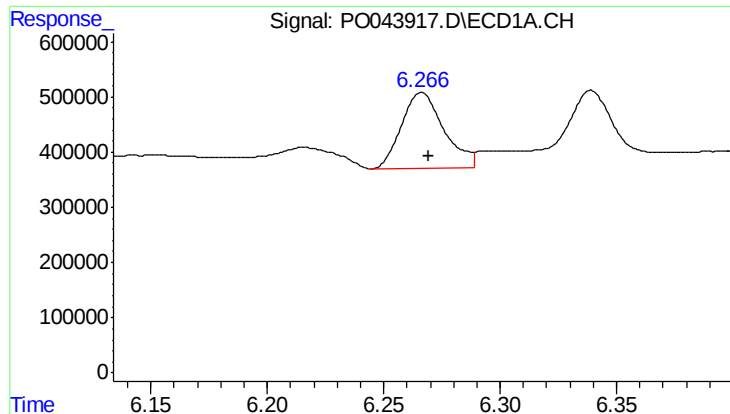
#24 AR-1248-4

R.T.: 6.048 min  
Delta R.T.: -0.031 min  
Response: 11204827  
Conc: 1250.23 ng/ml



#24 AR-1248-4

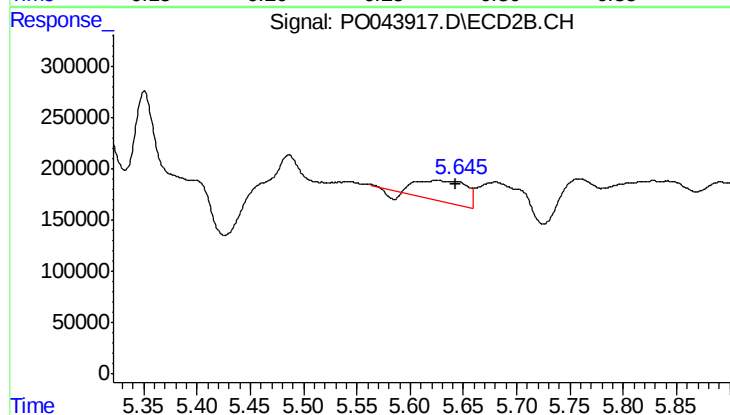
R.T.: 5.108 min  
Delta R.T.: -0.044 min  
Response: 482124  
Conc: 34.38 ng/ml



#25 AR-1248-5

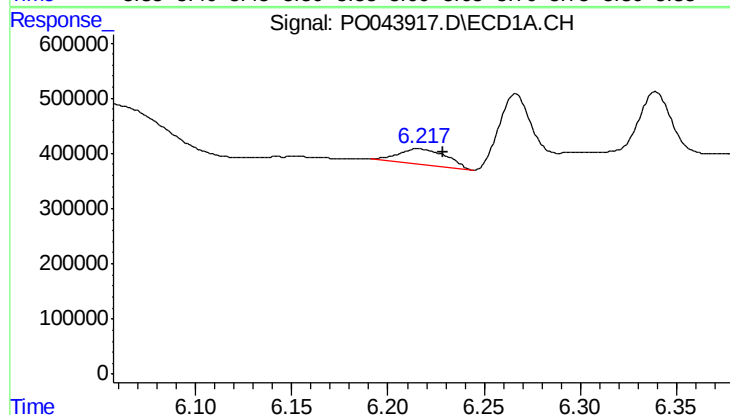
R.T.: 6.266 min  
Delta R.T.: -0.003 min  
Response: 1746382  
Conc: 310.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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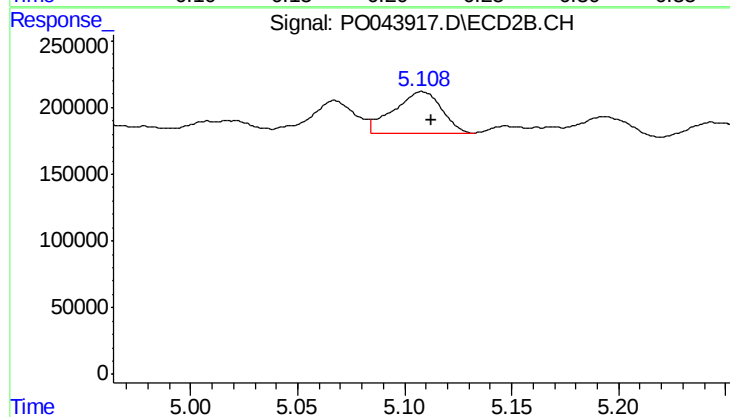
#25 AR-1248-5

R.T.: 5.626 min  
Delta R.T.: -0.017 min  
Response: 636680  
Conc: 65.32 ng/ml



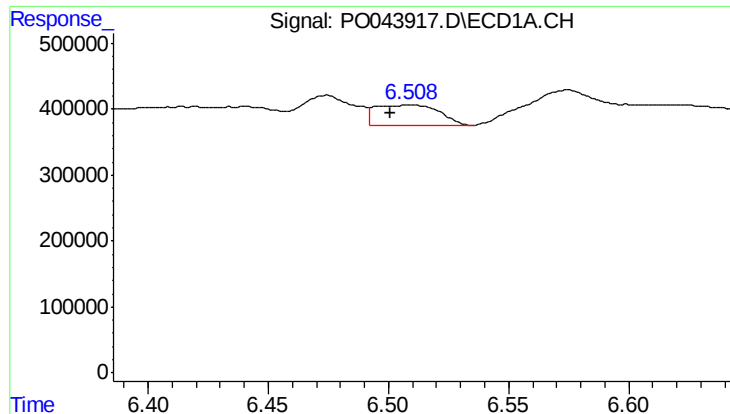
#26 AR-1254-1

R.T.: 6.216 min  
Delta R.T.: -0.013 min  
Response: 487520  
Conc: 32.51 ng/ml



#26 AR-1254-1

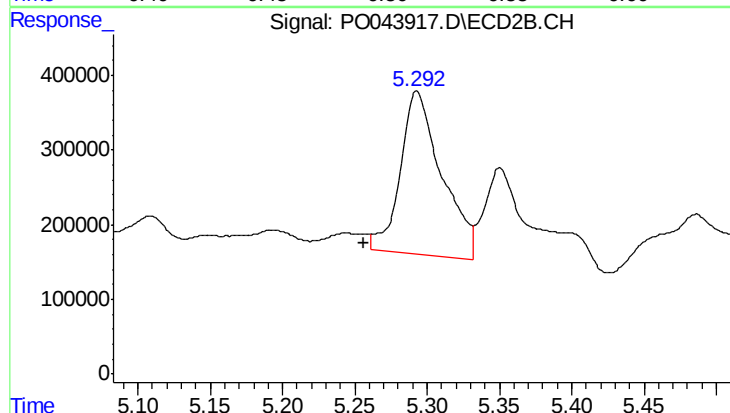
R.T.: 5.108 min  
Delta R.T.: -0.004 min  
Response: 482124  
Conc: 22.15 ng/ml



#27 AR-1254-2

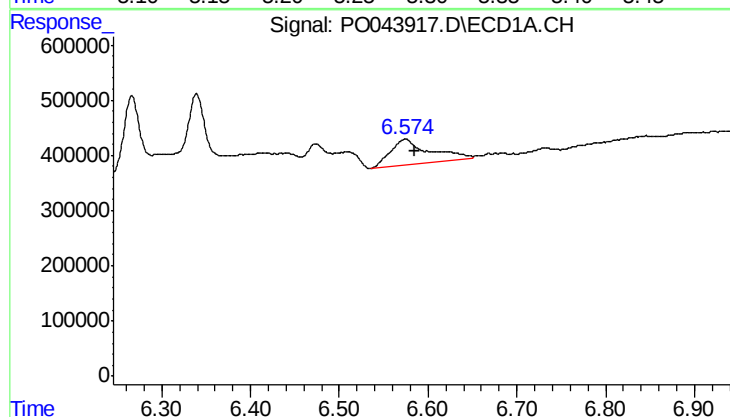
R.T.: 6.509 min  
Delta R.T.: 0.008 min  
Response: 574102  
Conc: 60.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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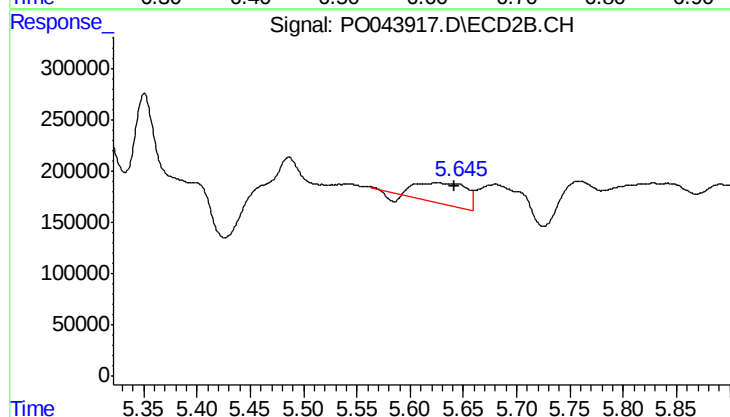
#27 AR-1254-2

R.T.: 5.293 min  
Delta R.T.: 0.037 min  
Response: 4373862  
Conc: 225.66 ng/ml



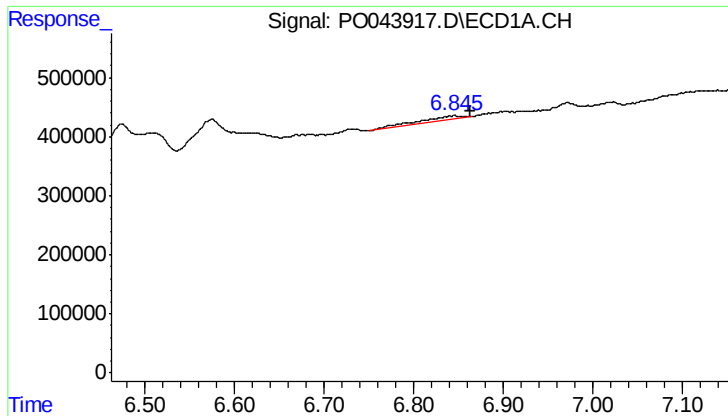
#28 AR-1254-3

R.T.: 6.575 min  
Delta R.T.: -0.011 min  
Response: 1470162  
Conc: 89.08 ng/ml



#28 AR-1254-3

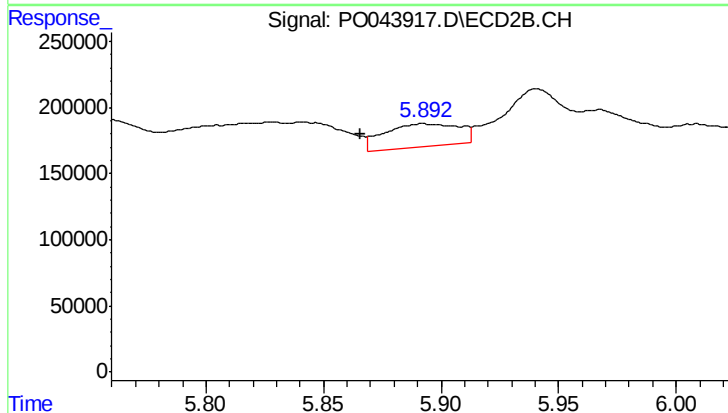
R.T.: 5.626 min  
Delta R.T.: -0.016 min  
Response: 636680  
Conc: 20.11 ng/ml



#29 AR-1254-4

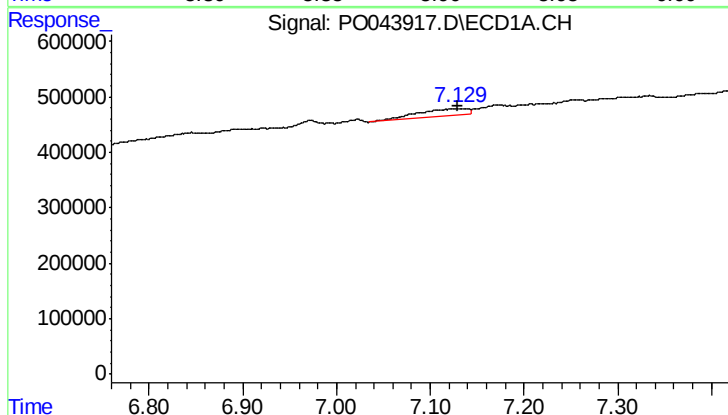
R.T.: 6.846 min  
Delta R.T.: -0.018 min  
Response: 246179  
Conc: 18.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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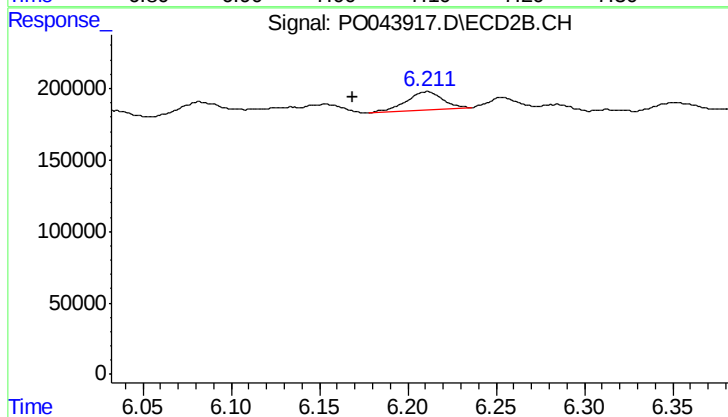
#29 AR-1254-4

R.T.: 5.892 min  
Delta R.T.: 0.027 min  
Response: 385158  
Conc: 15.61 ng/ml



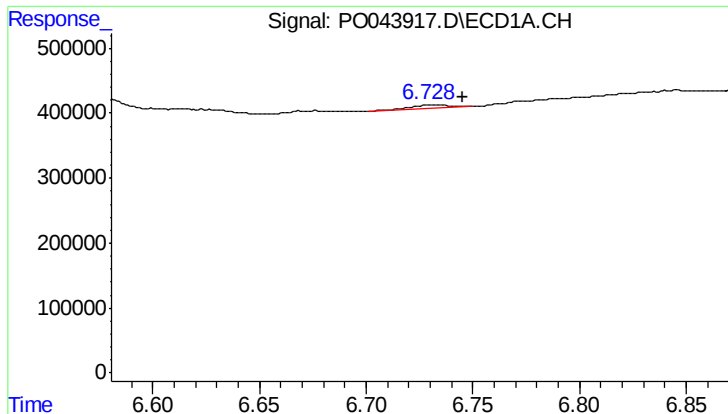
#30 AR-1254-5

R.T.: 7.139 min  
Delta R.T.: 0.009 min  
Response: 516445  
Conc: 52.95 ng/ml



#30 AR-1254-5

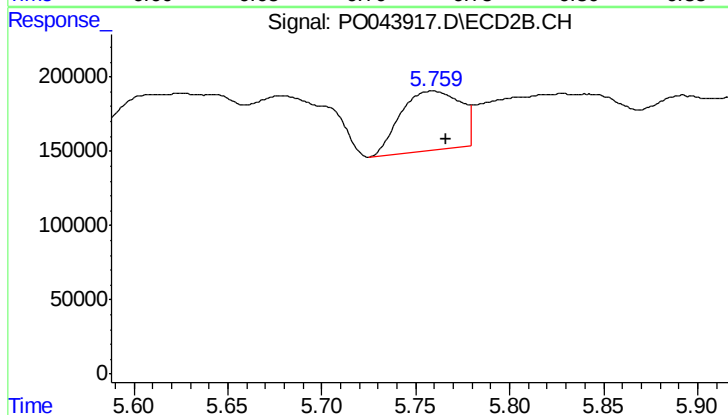
R.T.: 6.211 min  
Delta R.T.: 0.042 min  
Response: 177938  
Conc: 12.28 ng/ml



#31 AR-1260-1

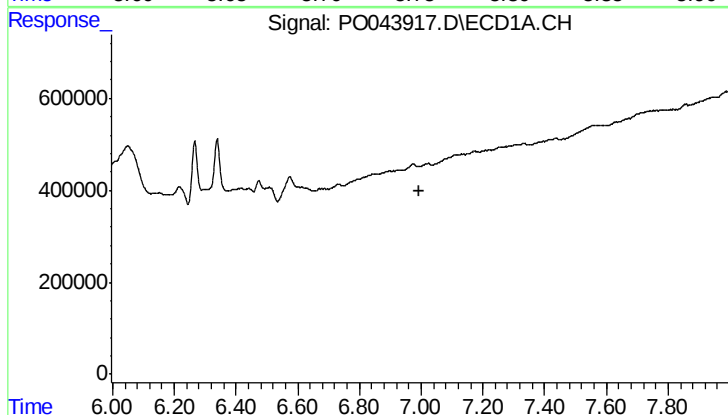
R.T.: 6.730 min  
Delta R.T.: -0.015 min  
Response: 83727  
Conc: 8.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
132



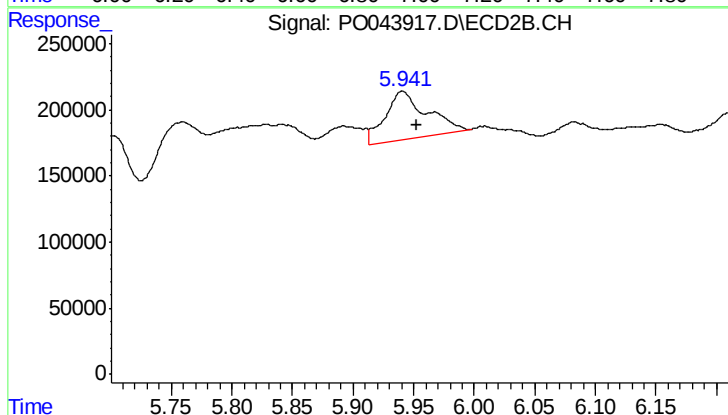
#31 AR-1260-1

R.T.: 5.759 min  
Delta R.T.: -0.007 min  
Response: 880124  
Conc: 52.66 ng/ml



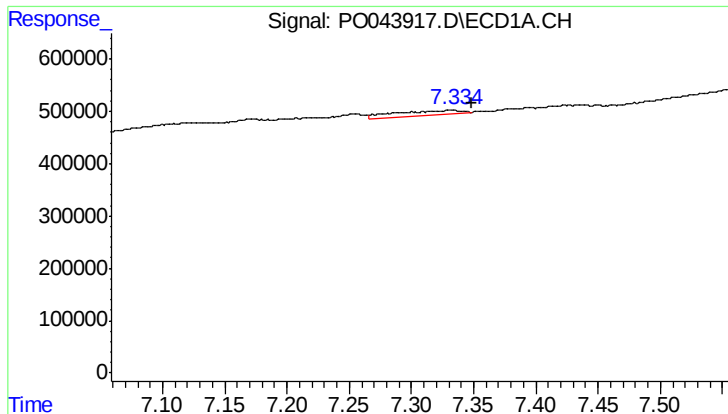
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 6.996 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

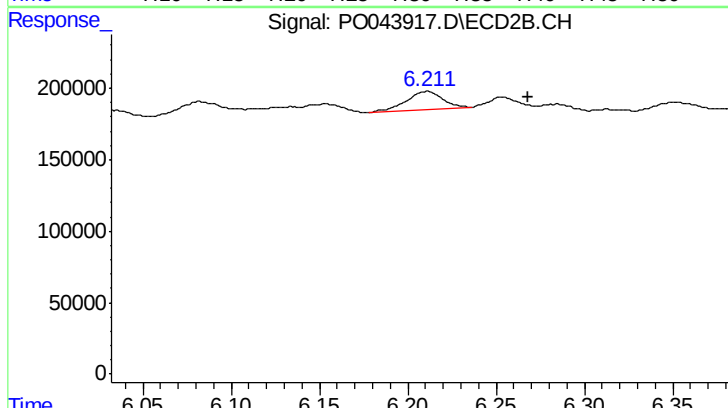
R.T.: 5.941 min  
Delta R.T.: -0.011 min  
Response: 879036  
Conc: 41.54 ng/ml



#33 AR-1260-3

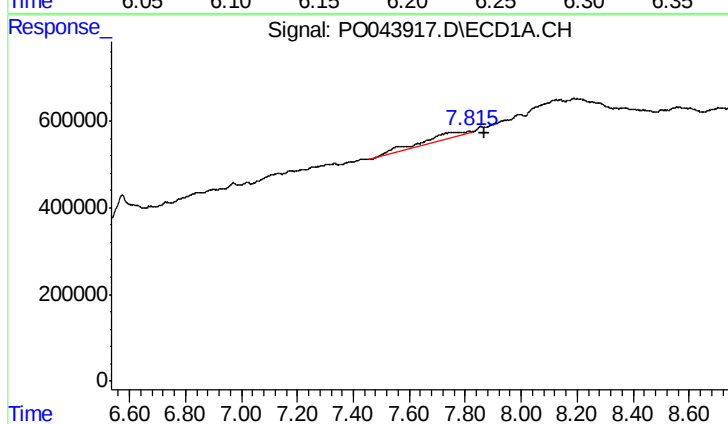
R.T.: 7.332 min  
Delta R.T.: -0.016 min  
Response: 367505  
Conc: 36.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
132



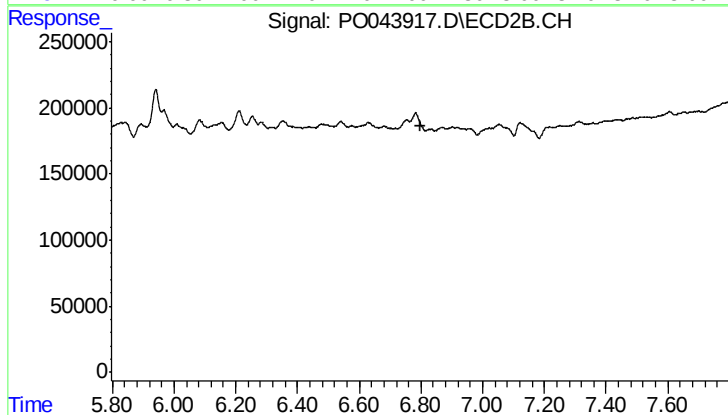
#33 AR-1260-3

R.T.: 6.211 min  
Delta R.T.: -0.057 min  
Response: 177938  
Conc: 8.08 ng/ml



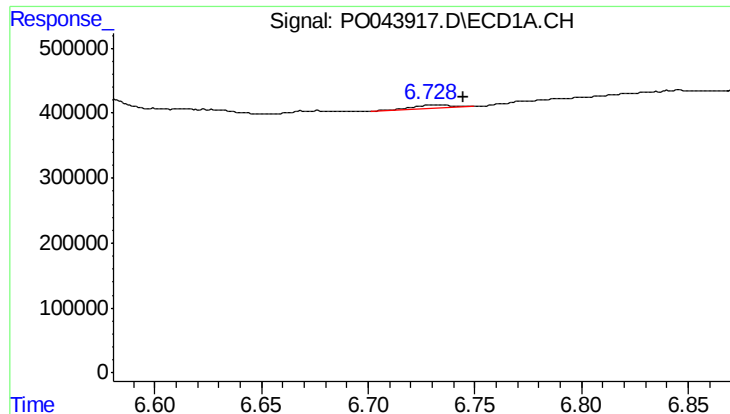
#34 AR-1260-4

R.T.: 7.816 min  
Delta R.T.: -0.052 min  
Response: 1605397  
Conc: 77.59 ng/ml



#34 AR-1260-4

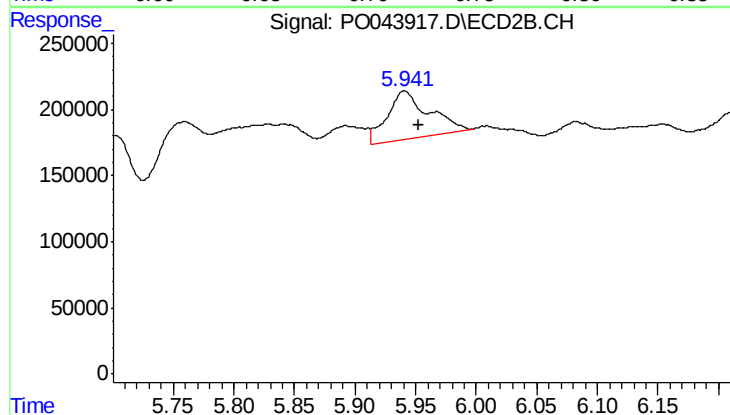
R.T.: 0.000 min  
Exp R.T.: 6.797 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

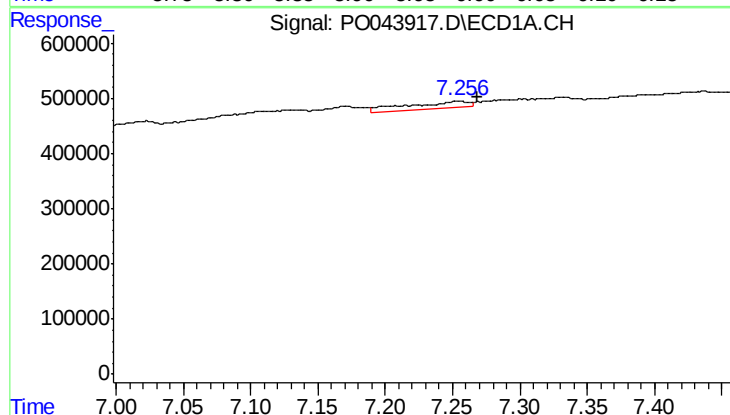
R.T.: 6.730 min  
Delta R.T.: -0.015 min  
Response: 83727  
Conc: 8.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
132



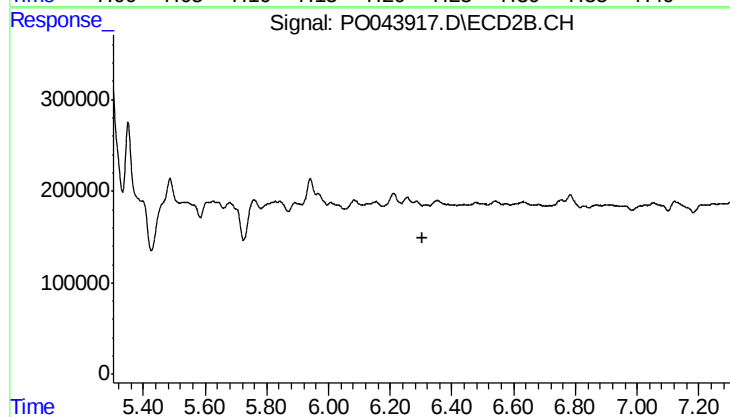
#36 AR-1262-1

R.T.: 5.941 min  
Delta R.T.: -0.012 min  
Response: 879036  
Conc: 40.40 ng/ml



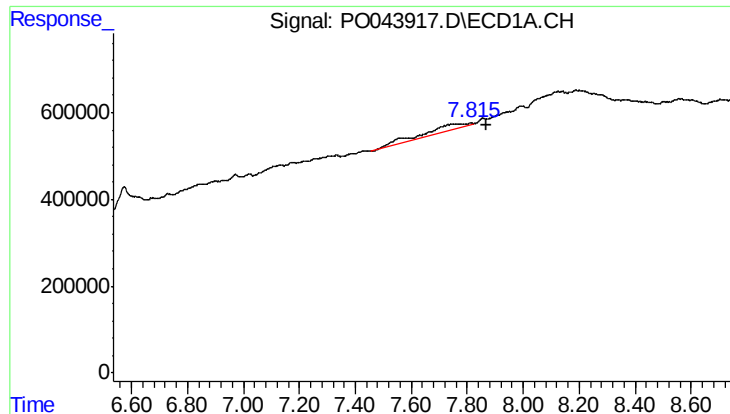
#38 AR-1262-3

R.T.: 7.255 min  
Delta R.T.: -0.014 min  
Response: 403511  
Conc: 35.82 ng/ml



#38 AR-1262-3

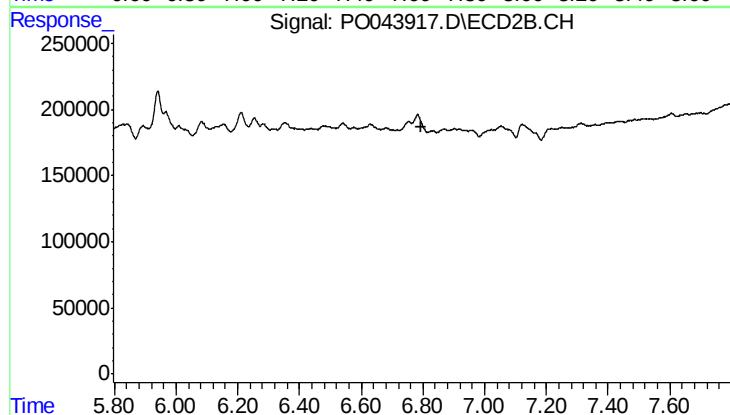
R.T.: 0.000 min  
Exp R.T.: 6.303 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

R.T.: 7.816 min  
Delta R.T.: -0.052 min  
Response: 1605397  
Conc: 52.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
132



#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 6.796 min  
Response: 0  
Conc: N.D.