

Data Path : P:\HPCHEM1\ECD\_0\Data\P0050918\  
 Data File : P0044524.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 09 May 2018 20:41  
 Operator : SM/UA  
 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: May 10 04:00:18 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0050918.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu May 10 02:14:16 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...          | 4.038 | 3.302 | 5058794 | 6798523 | 25.147  | 25.106    |
| 2) SA Decachlor...          | 9.359 | 8.044 | 3565943 | 4076955 | 24.559  | 23.335    |
|                             |       |       |         |         |         |           |
| Target Compounds            |       |       |         |         |         |           |
| 4) L1 AR-1016-2             | 5.178 | 4.580 | 244582  | 120710  | 38.687  | 21.226 #  |
| 5) L1 AR-1016-3             | 0.000 | 4.580 | 0       | 120710  | N.D.    | 17.698 #  |
| 6) L1 AR-1016-4             | 0.000 | 4.743 | 0       | 575615  | N.D.    | 76.278 #  |
| 7) L1 AR-1016-5             | 5.980 | 0.000 | 425441  | 0       | 109.084 | N.D. #    |
| 12) L3 AR-1232-2            | 5.178 | 4.336 | 244582  | 433630  | 83.098  | 37.917 #  |
| 13) L3 AR-1232-3            | 5.178 | 4.336 | 244582  | 433630  | 49.236  | 93.975 #  |
| 14) L3 AR-1232-4            | 5.178 | 4.497 | 244582  | 633257  | 83.162  | 183.916 # |
| 15) L3 AR-1232-5            | 0.000 | 4.580 | 0       | 120710  | N.D.    | 40.297 #  |
| 17) L4 AR-1242-2            | 5.178 | 4.336 | 244582  | 433630  | 28.538  | 21.779    |
| 18) L4 AR-1242-3            | 0.000 | 4.497 | 0       | 633257  | N.D.    | 106.039 # |
| 19) L4 AR-1242-4            | 5.615 | 4.580 | 149740  | 120710  | 37.440  | 21.116 #  |
| 20) L4 AR-1242-5            | 0.000 | 4.743 | 0       | 575615  | N.D.    | 92.830 #  |
| 21) L5 AR-1248-1            | 5.615 | 4.743 | 149740  | 575615  | 22.948  | 57.248 #  |
| 22) L5 AR-1248-2            | 0.000 | 4.883 | 0       | 1615000 | N.D.    | 179.739 # |
| 23) L5 AR-1248-3            | 5.980 | 0.000 | 425441  | 0       | 54.576  | N.D. #    |
| 24) L5 AR-1248-4            | 6.042 | 0.000 | 230480  | 0       | 30.385  | N.D. #    |
| 25) L5 AR-1248-5            | 6.249 | 0.000 | 494753  | 0       | 102.490 | N.D. #    |
| 26) L6 AR-1254-1            | 6.194 | 0.000 | 257308  | 0       | 21.407  | N.D. #    |
| 27) L6 AR-1254-2            | 6.458 | 5.217 | 196048  | 628622  | 27.705  | 42.991 #  |
| 28) L6 AR-1254-3            | 6.555 | 0.000 | 500792  | 0       | 41.423  | N.D. #    |
| 31) L7 AR-1260-1            | 0.000 | 5.728 | 0       | 224412  | N.D.    | 14.928 #  |
| 32) L7 AR-1260-2            | 0.000 | 5.918 | 0       | 442108  | N.D.    | 24.127 #  |
| 33) L7 AR-1260-3            | 0.000 | 6.229 | 0       | 98888   | N.D.    | 6.046 #   |
| 34) L7 AR-1260-4            | 7.831 | 6.757 | 411699  | 380852  | 23.890  | 13.970 #  |
| 35) L7 AR-1260-5            | 8.112 | 7.091 | 188193  | 352842  | 18.708  | 19.764    |
| 36) L8 AR-1262-1            | 0.000 | 5.918 | 0       | 442108  | N.D.    | 25.803 #  |
| 37) L8 AR-1262-2            | 0.000 | 6.057 | 0       | 345448  | N.D.    | 21.165 #  |
| 38) L8 AR-1262-3            | 7.235 | 6.229 | 199016  | 98888   | 22.343  | 3.611 #   |
| 39) L8 AR-1262-4            | 7.475 | 6.513 | 266420  | 156238  | 22.504  | 7.178 #   |
| 40) L8 AR-1262-5            | 7.831 | 6.757 | 411699  | 380852  | 16.688  | 8.386 #   |
| 41) L9 AR-1268-1            | 8.112 | 7.091 | 188193  | 352842  | 7.194   | 7.762     |
| 42) L9 AR-1268-2            | 8.112 | 7.091 | 188193  | 352842  | 8.173   | 8.662     |
| 45) L9 AR-1268-5            | 0.000 | 7.785 | 0       | 235369  | N.D.    | 2.590 #   |
| -----                       |       |       |         |         |         |           |

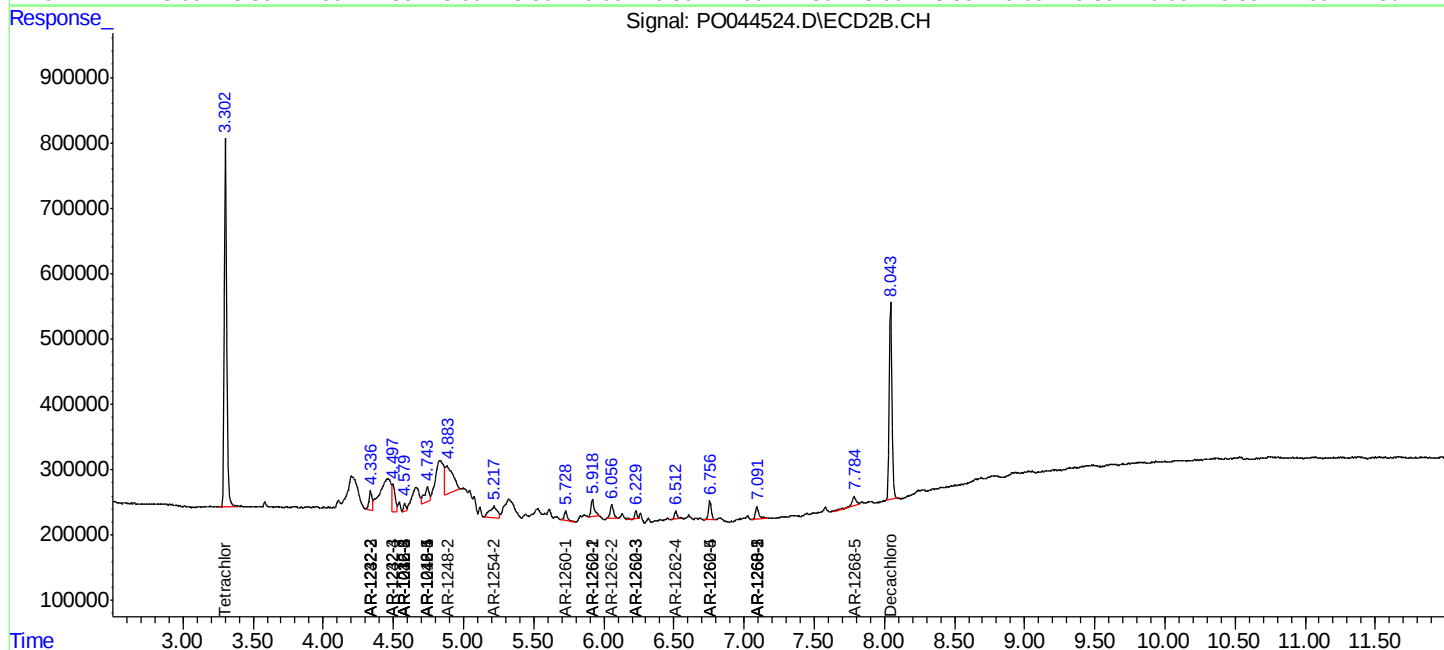
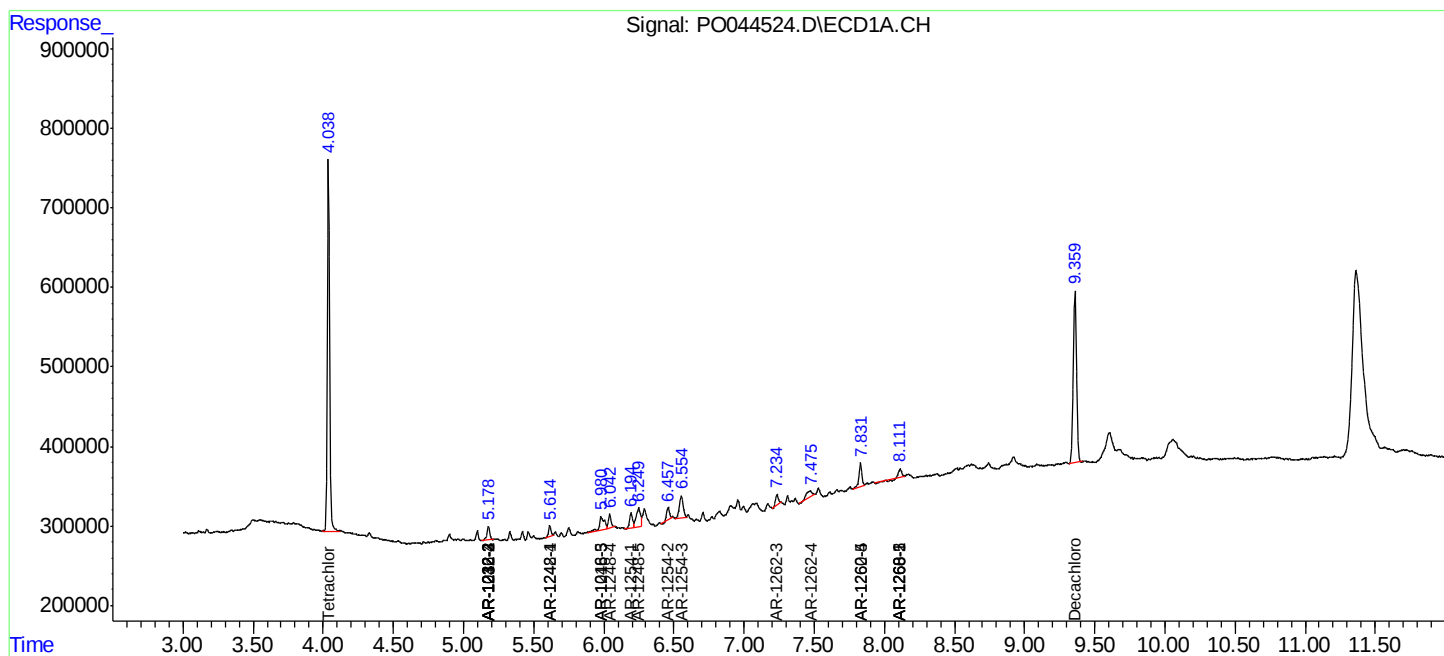
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

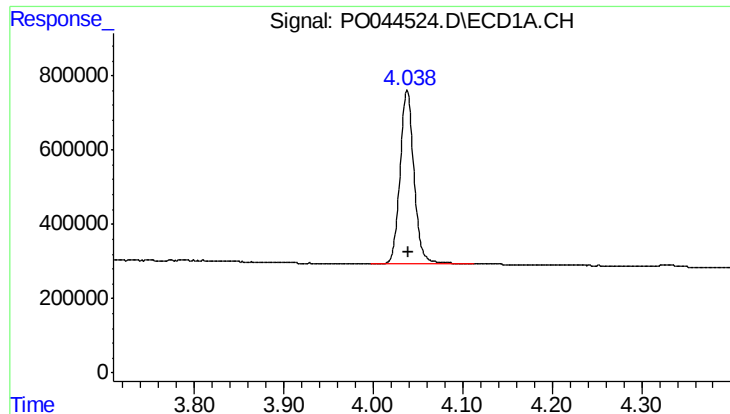
Data Path : P:\HPCHEM1\ECD\_0\Data\PO050918\  
Data File : PO044524.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 09 May 2018 20:41  
Operator : SM/UA  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 10 04:00:18 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO050918.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu May 10 02:14:16 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

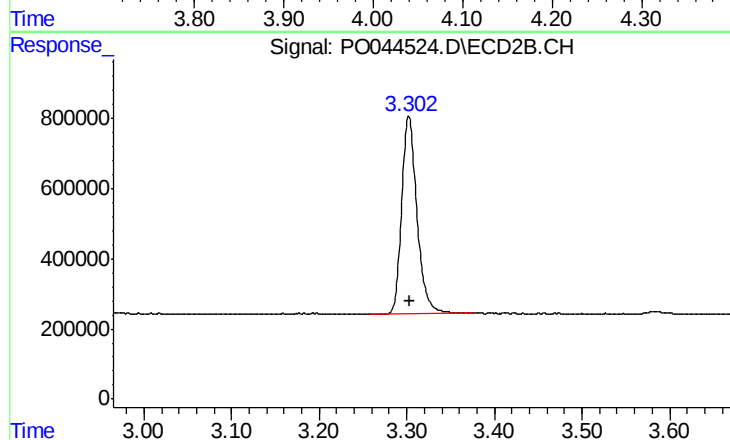




#1 Tetrachloro-m-xylene

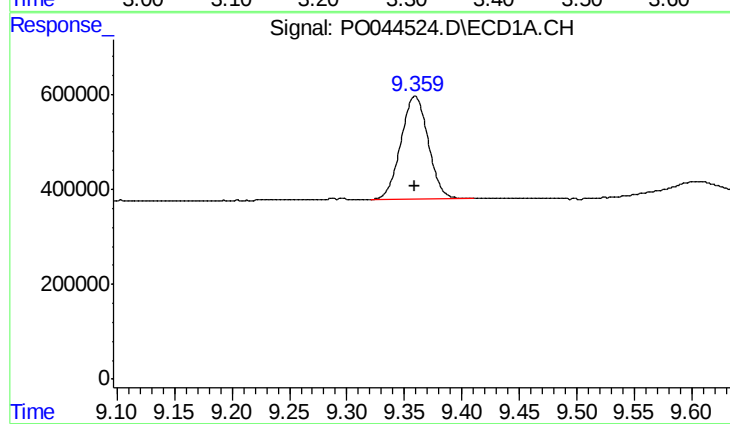
R.T.: 4.038 min  
Delta R.T.: -0.001 min  
Response: 5058794  
Conc: 25.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



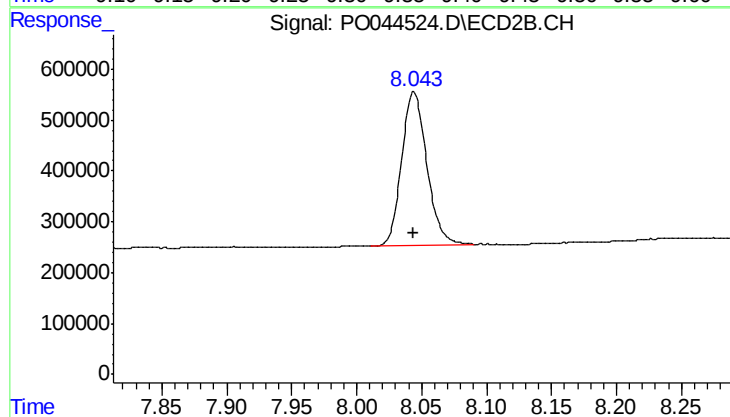
#1 Tetrachloro-m-xylene

R.T.: 3.302 min  
Delta R.T.: 0.000 min  
Response: 6798523  
Conc: 25.11 ng/ml



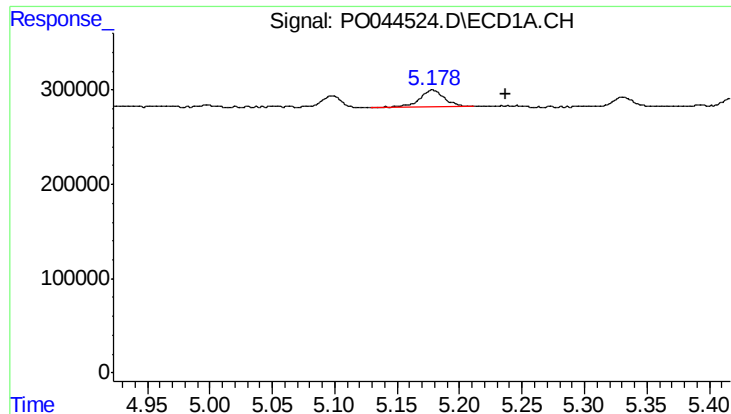
#2 Decachlorobiphenyl

R.T.: 9.359 min  
Delta R.T.: 0.000 min  
Response: 3565943  
Conc: 24.56 ng/ml



#2 Decachlorobiphenyl

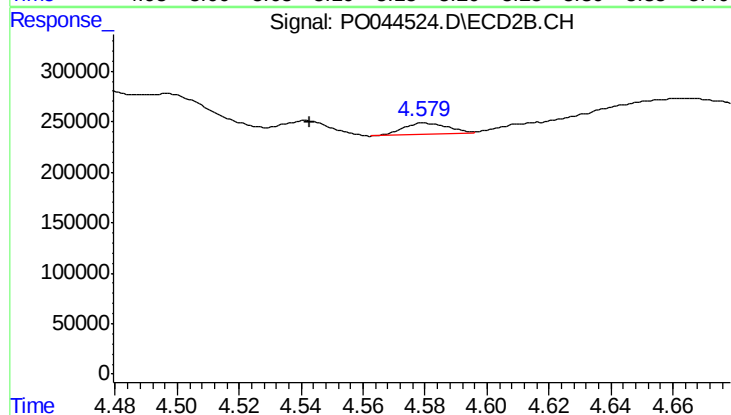
R.T.: 8.044 min  
Delta R.T.: 0.000 min  
Response: 4076955  
Conc: 23.34 ng/ml



#4 AR-1016-2

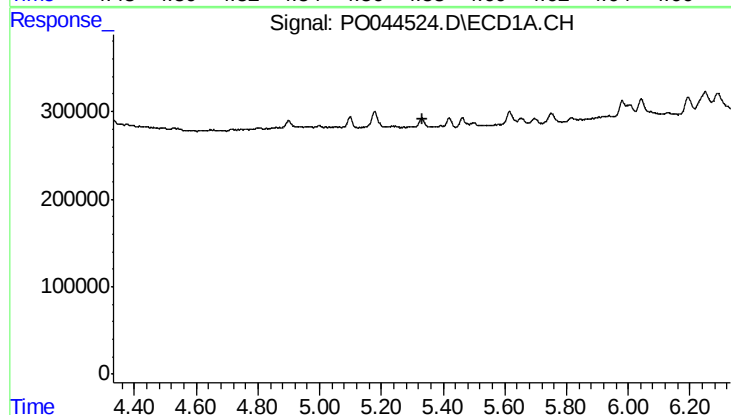
R.T.: 5.178 min  
Delta R.T.: -0.059 min  
Response: 244582  
Conc: 38.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



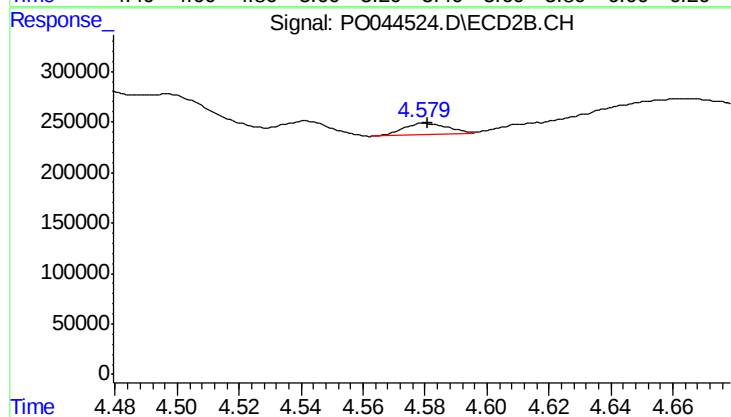
#4 AR-1016-2

R.T.: 4.580 min  
Delta R.T.: 0.037 min  
Response: 120710  
Conc: 21.23 ng/ml



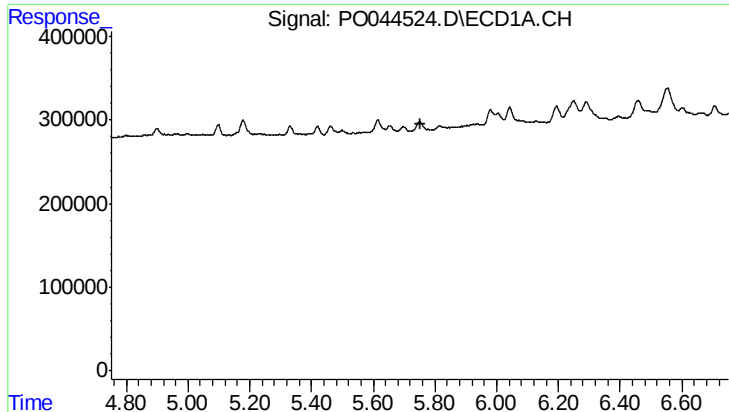
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.332 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

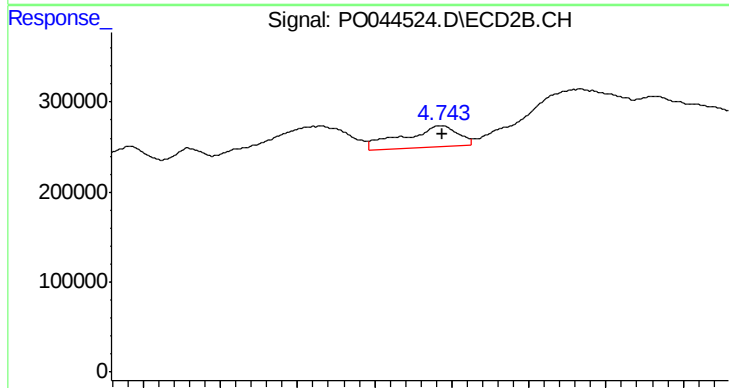
R.T.: 4.580 min  
Delta R.T.: -0.001 min  
Response: 120710  
Conc: 17.70 ng/ml



#6 AR-1016-4

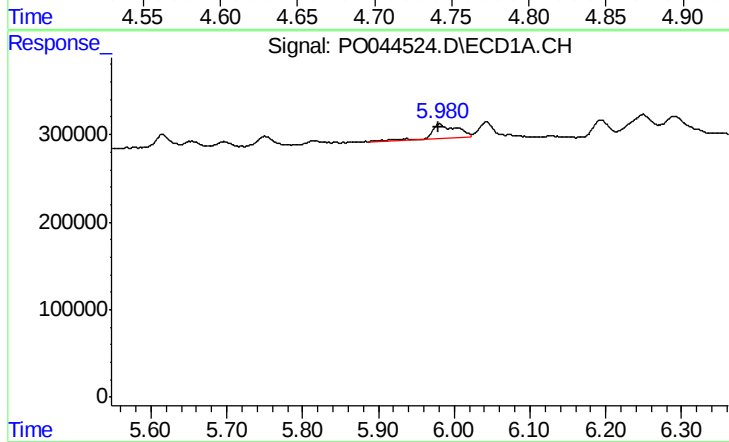
R.T.: 0.000 min  
Exp R.T.: 5.752 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



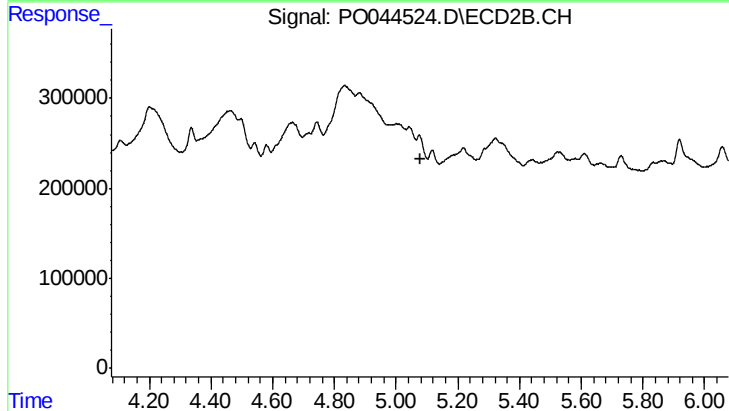
#6 AR-1016-4

R.T.: 4.743 min  
Delta R.T.: -0.001 min  
Response: 575615  
Conc: 76.28 ng/ml



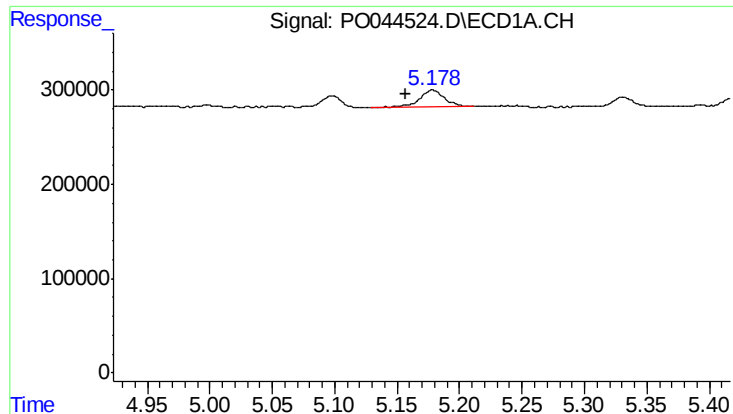
#7 AR-1016-5

R.T.: 5.980 min  
Delta R.T.: 0.001 min  
Response: 425441  
Conc: 109.08 ng/ml



#7 AR-1016-5

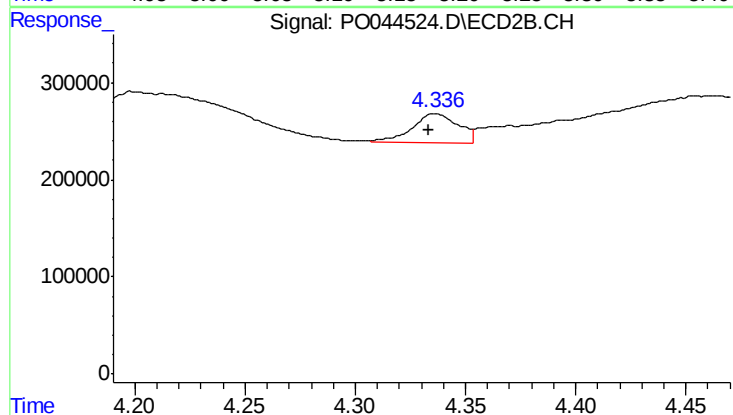
R.T.: 0.000 min  
Exp R.T.: 5.077 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

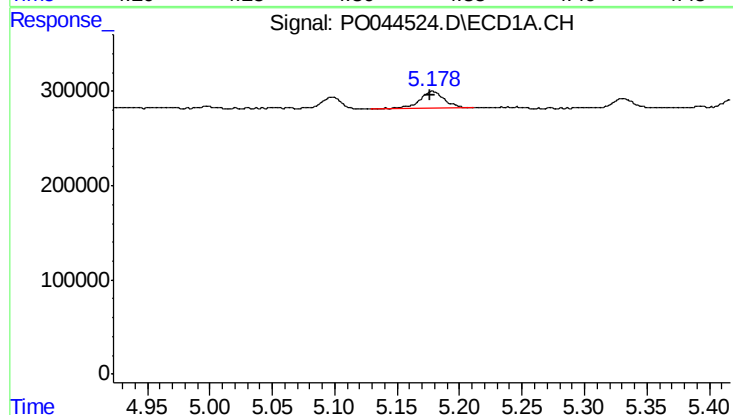
R.T.: 5.178 min  
Delta R.T.: 0.022 min  
Response: 244582  
Conc: 83.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



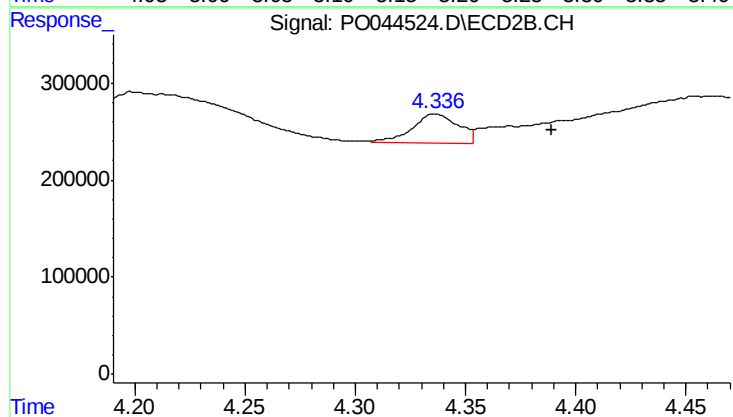
#12 AR-1232-2

R.T.: 4.336 min  
Delta R.T.: 0.003 min  
Response: 433630  
Conc: 37.92 ng/ml



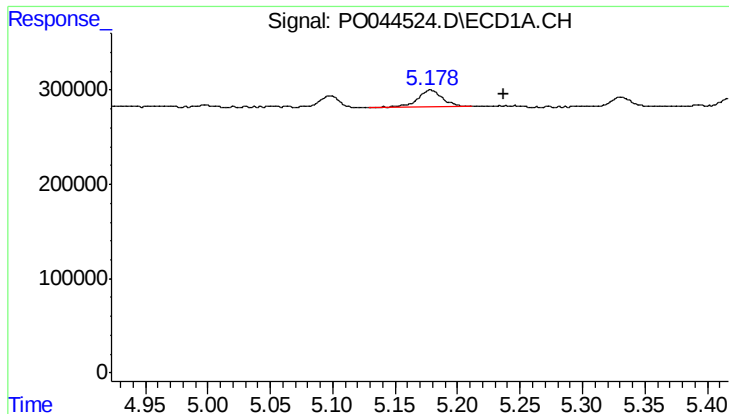
#13 AR-1232-3

R.T.: 5.178 min  
Delta R.T.: 0.002 min  
Response: 244582  
Conc: 49.24 ng/ml



#13 AR-1232-3

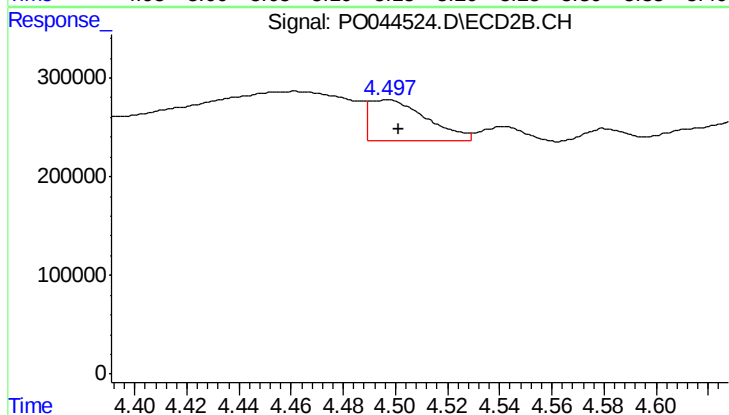
R.T.: 4.336 min  
Delta R.T.: -0.053 min  
Response: 433630  
Conc: 93.97 ng/ml



#14 AR-1232-4

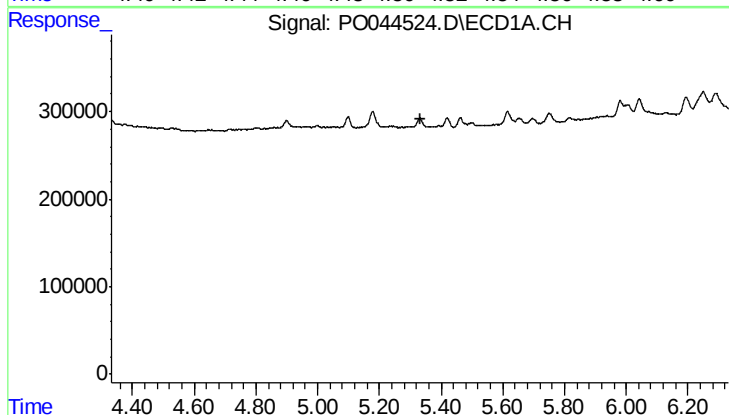
R.T.: 5.178 min  
Delta R.T.: -0.059 min  
Response: 244582  
Conc: 83.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



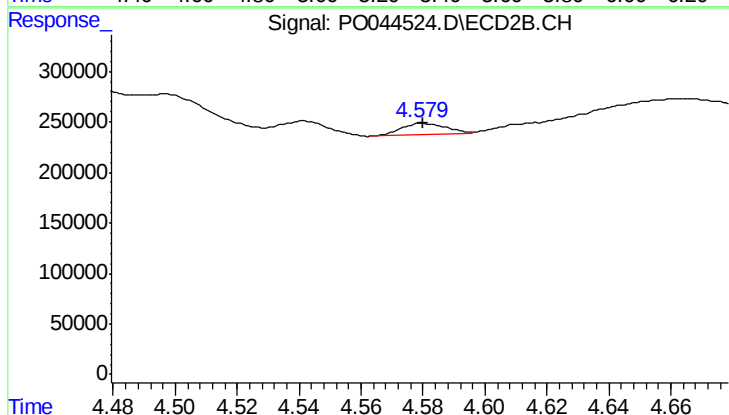
#14 AR-1232-4

R.T.: 4.497 min  
Delta R.T.: -0.004 min  
Response: 633257  
Conc: 183.92 ng/ml



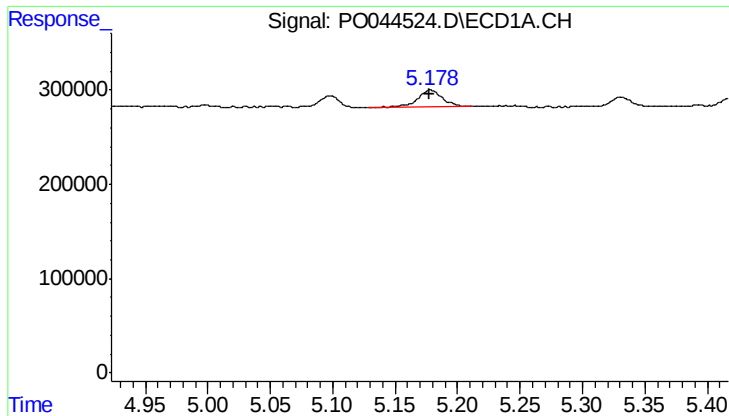
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 5.332 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

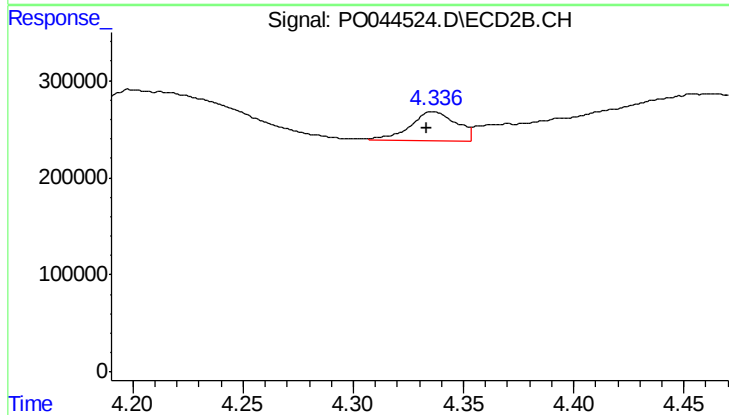
R.T.: 4.580 min  
Delta R.T.: 0.000 min  
Response: 120710  
Conc: 40.30 ng/ml



#17 AR-1242-2

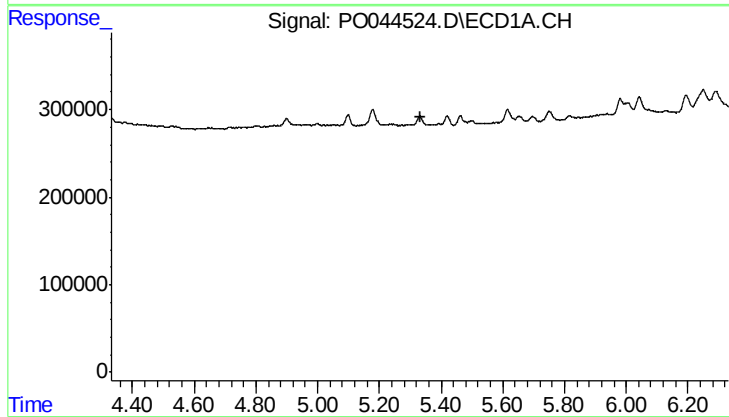
R.T.: 5.178 min  
Delta R.T.: 0.001 min  
Response: 244582  
Conc: 28.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



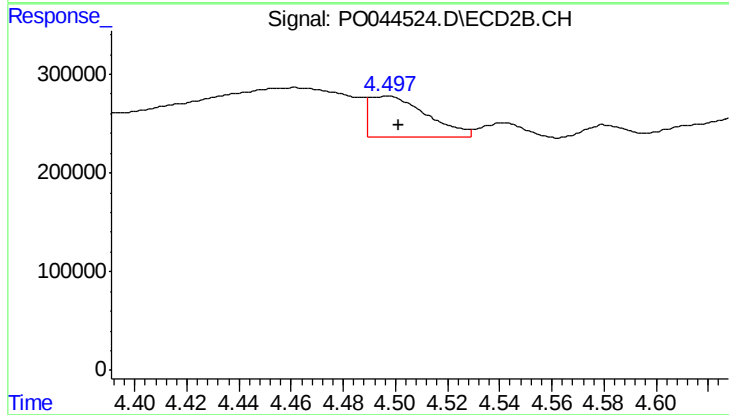
#17 AR-1242-2

R.T.: 4.336 min  
Delta R.T.: 0.003 min  
Response: 433630  
Conc: 21.78 ng/ml



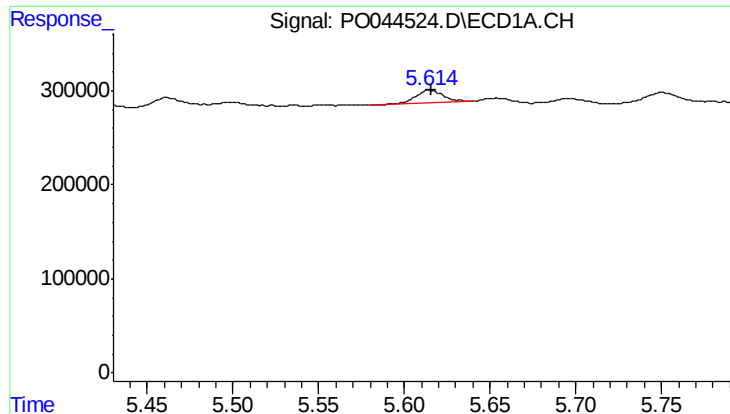
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.332 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

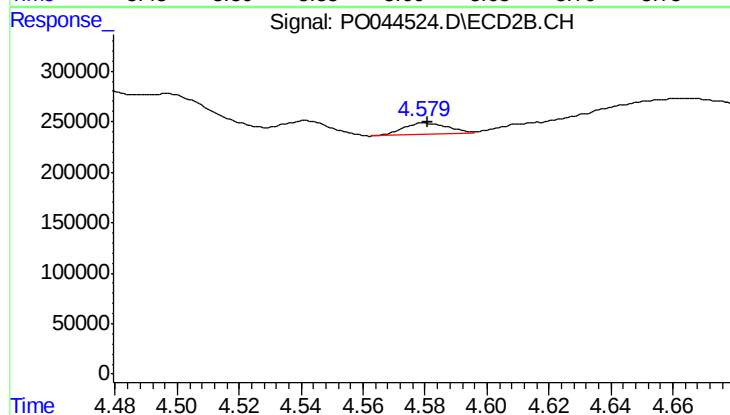
R.T.: 4.497 min  
Delta R.T.: -0.004 min  
Response: 633257  
Conc: 106.04 ng/ml



#19 AR-1242-4

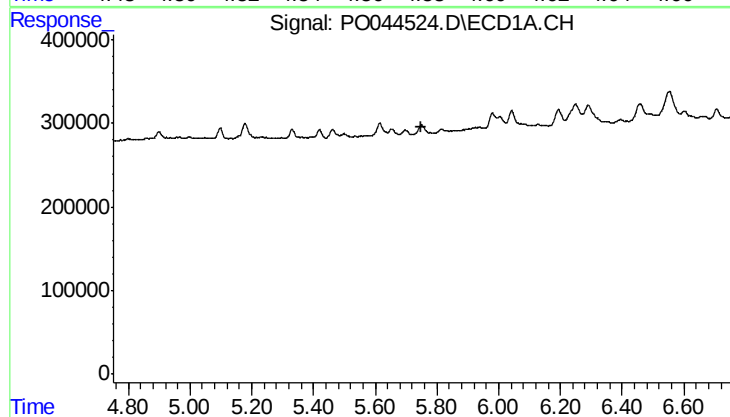
R.T.: 5.615 min  
Delta R.T.: 0.000 min  
Response: 149740  
Conc: 37.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



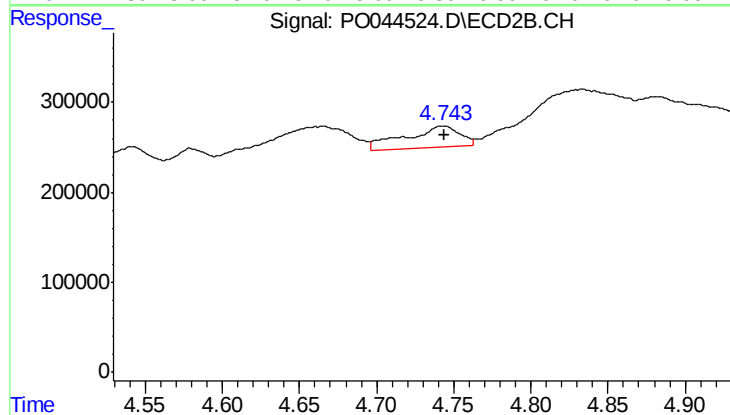
#19 AR-1242-4

R.T.: 4.580 min  
Delta R.T.: -0.001 min  
Response: 120710  
Conc: 21.12 ng/ml



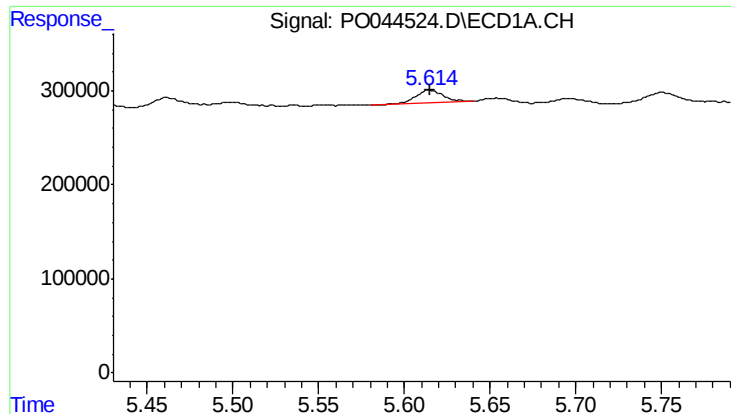
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 5.751 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

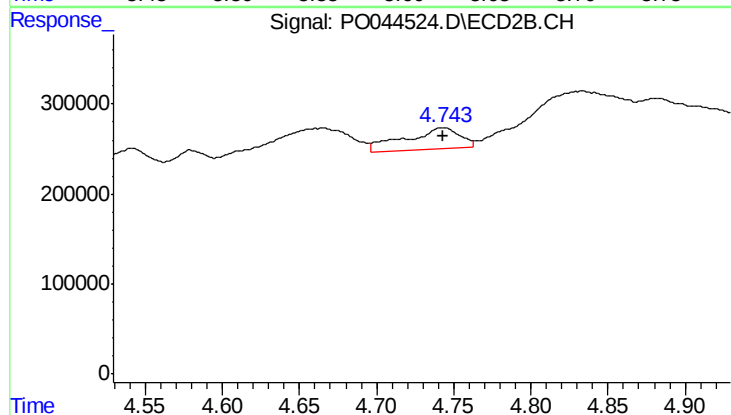
R.T.: 4.743 min  
Delta R.T.: 0.000 min  
Response: 575615  
Conc: 92.83 ng/ml



#21 AR-1248-1

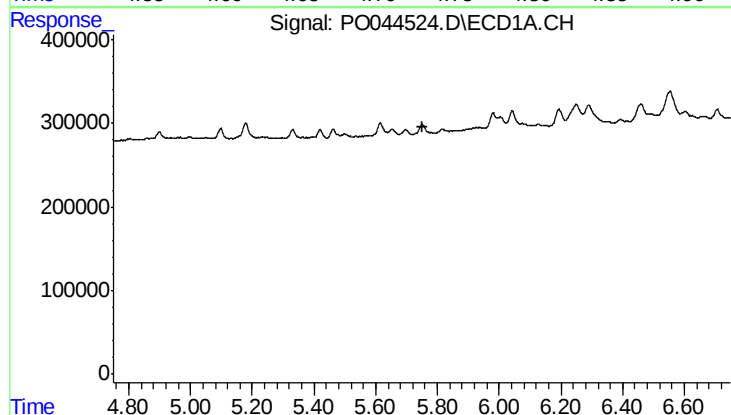
R.T.: 5.615 min  
Delta R.T.: 0.000 min  
Response: 149740  
Conc: 22.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



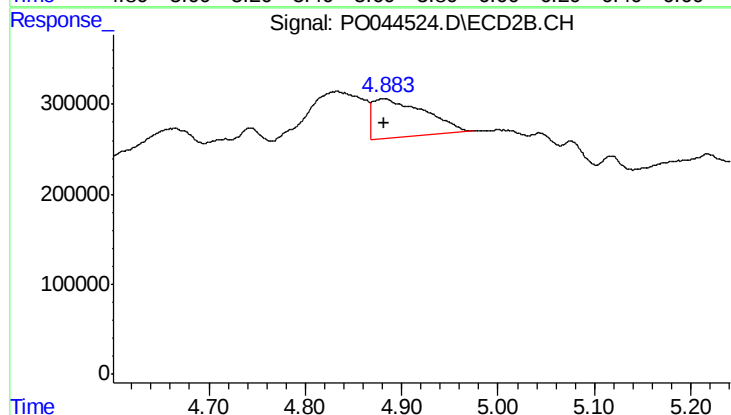
#21 AR-1248-1

R.T.: 4.743 min  
Delta R.T.: 0.000 min  
Response: 575615  
Conc: 57.25 ng/ml



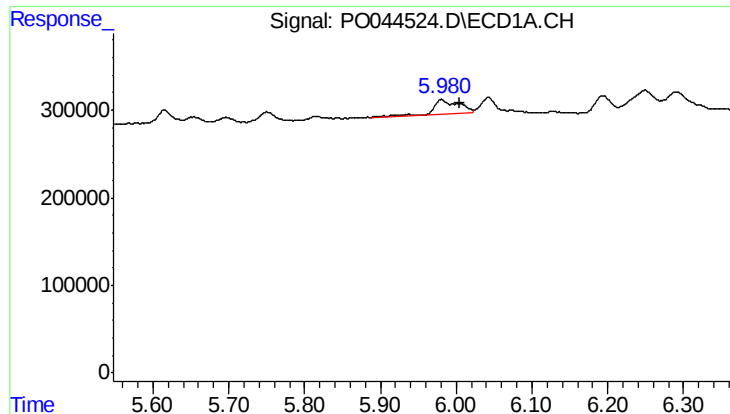
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.750 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

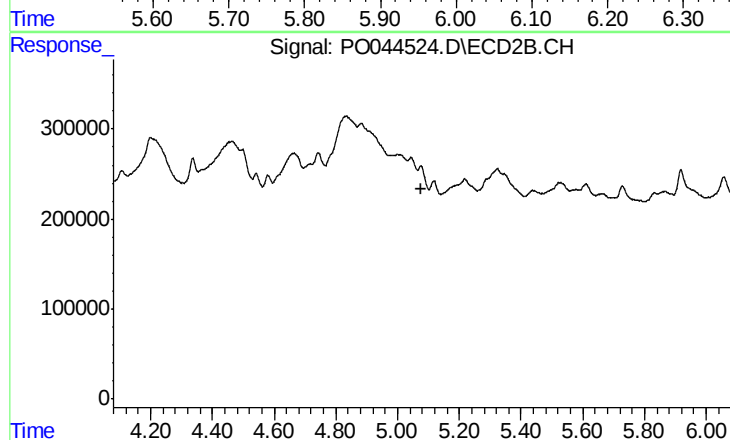
R.T.: 4.883 min  
Delta R.T.: 0.001 min  
Response: 1615000  
Conc: 179.74 ng/ml



#23 AR-1248-3

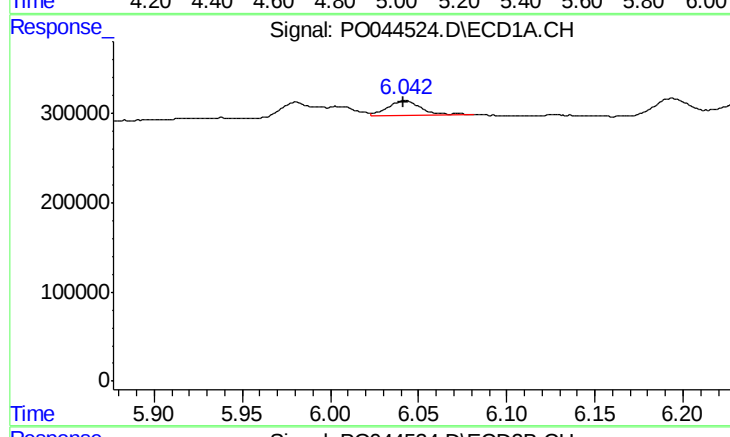
R.T.: 5.980 min  
Delta R.T.: -0.024 min  
Response: 425441  
Conc: 54.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



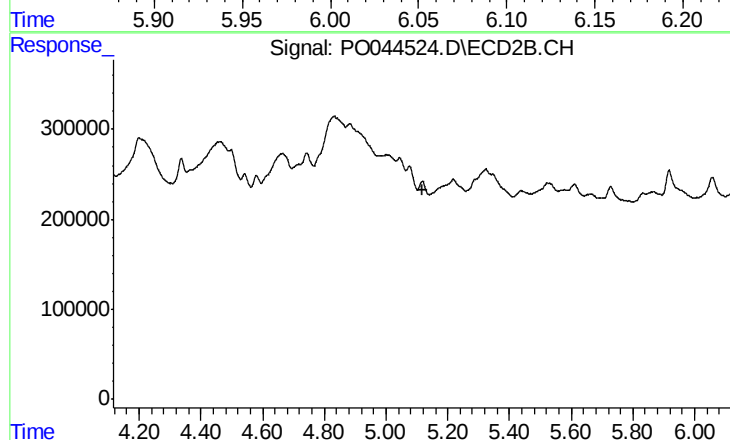
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 5.079 min  
Response: 0  
Conc: N.D.



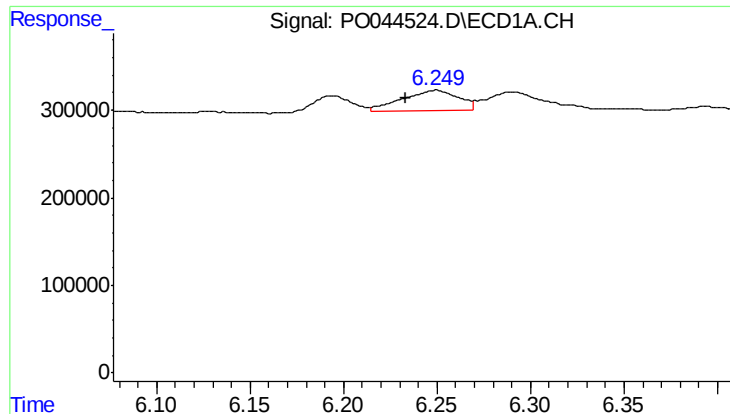
#24 AR-1248-4

R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 230480  
Conc: 30.38 ng/ml



#24 AR-1248-4

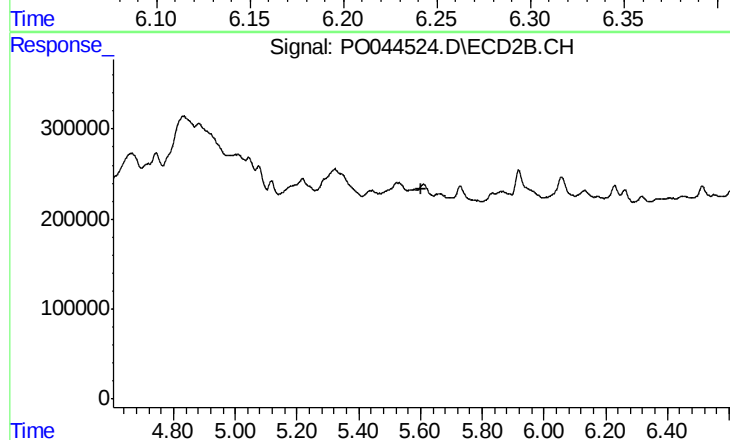
R.T.: 0.000 min  
Exp R.T.: 5.117 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

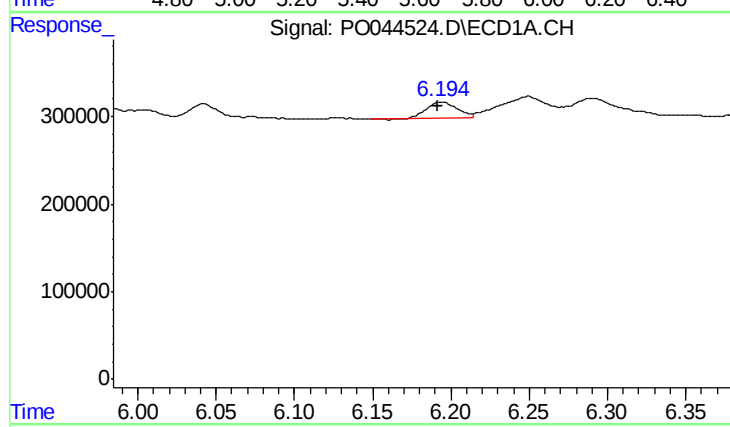
R.T.: 6.249 min  
Delta R.T.: 0.016 min  
Response: 494753  
Conc: 102.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



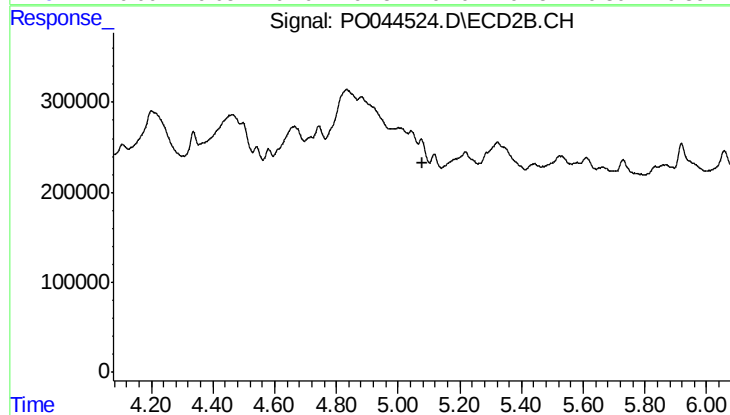
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 5.605 min  
Response: 0  
Conc: N.D.



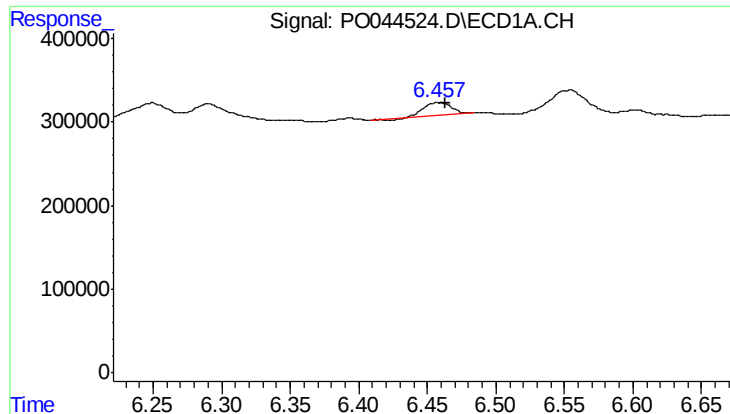
#26 AR-1254-1

R.T.: 6.194 min  
Delta R.T.: 0.002 min  
Response: 257308  
Conc: 21.41 ng/ml



#26 AR-1254-1

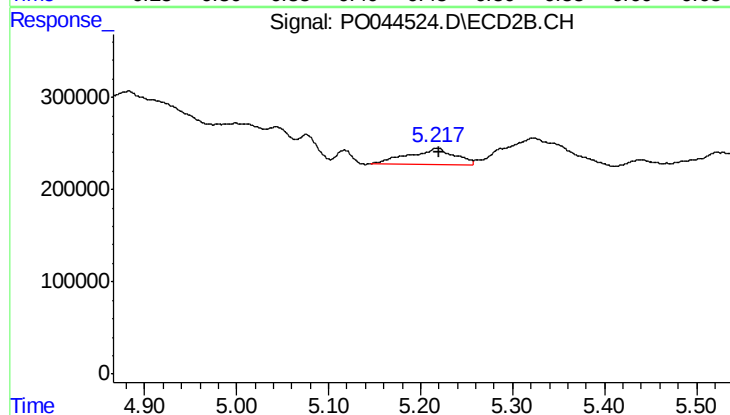
R.T.: 0.000 min  
Exp R.T.: 5.077 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

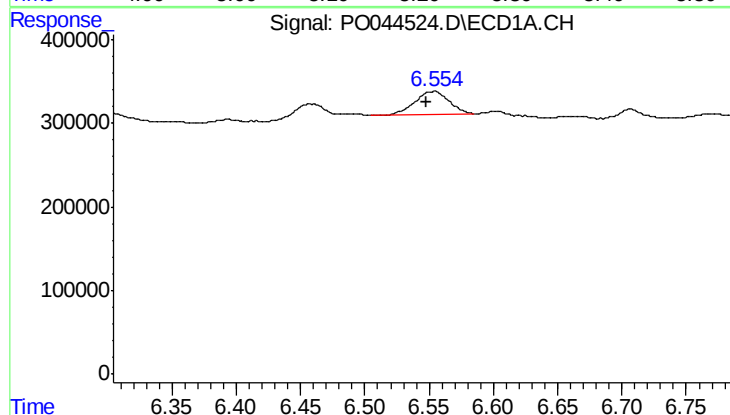
R.T.: 6.458 min  
Delta R.T.: -0.006 min  
Response: 196048  
Conc: 27.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



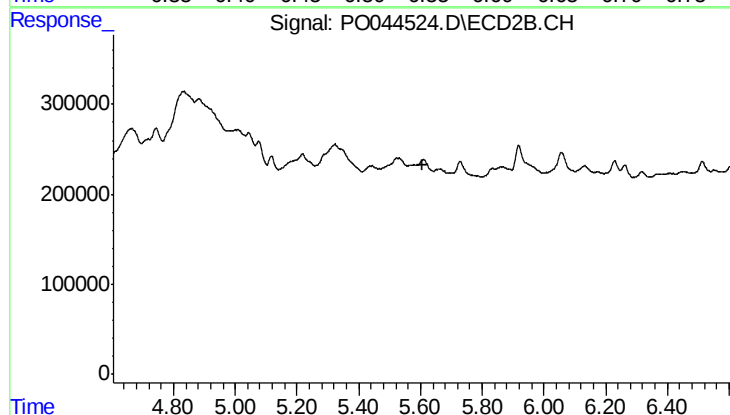
#27 AR-1254-2

R.T.: 5.217 min  
Delta R.T.: -0.003 min  
Response: 628622  
Conc: 42.99 ng/ml



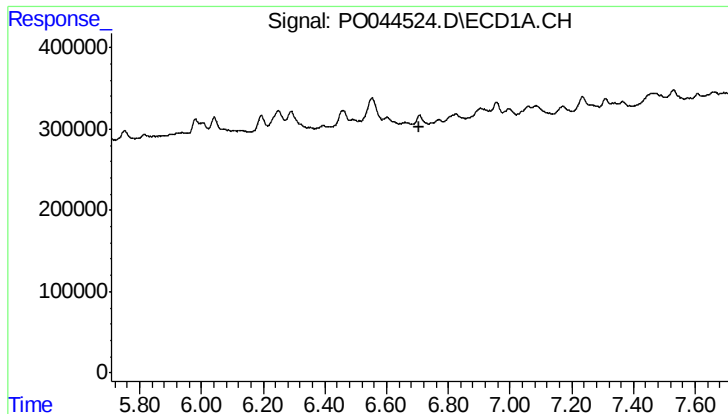
#28 AR-1254-3

R.T.: 6.555 min  
Delta R.T.: 0.006 min  
Response: 500792  
Conc: 41.42 ng/ml



#28 AR-1254-3

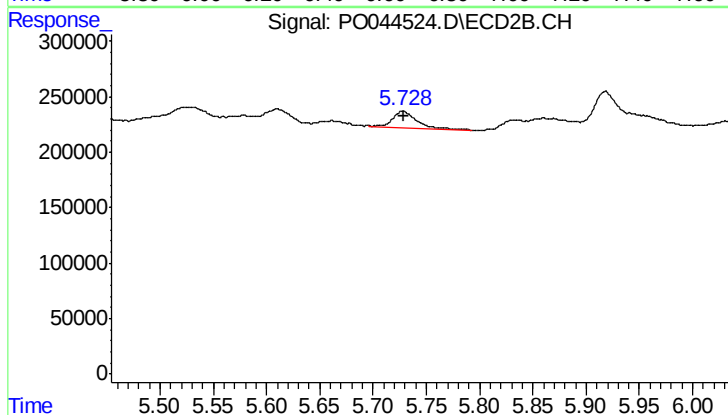
R.T.: 0.000 min  
Exp R.T.: 5.605 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

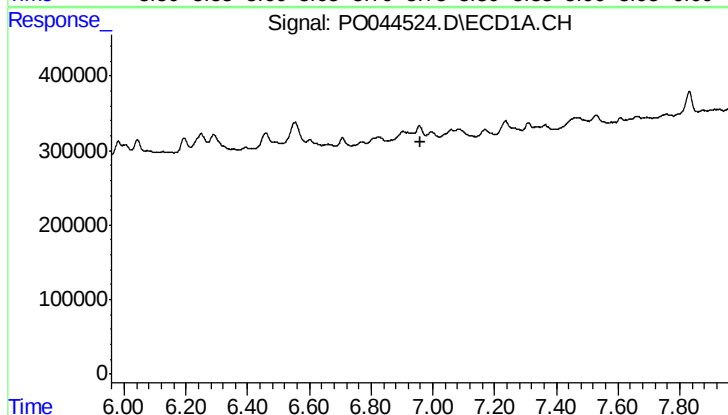
R.T.: 0.000 min  
Exp R.T.: 6.708 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



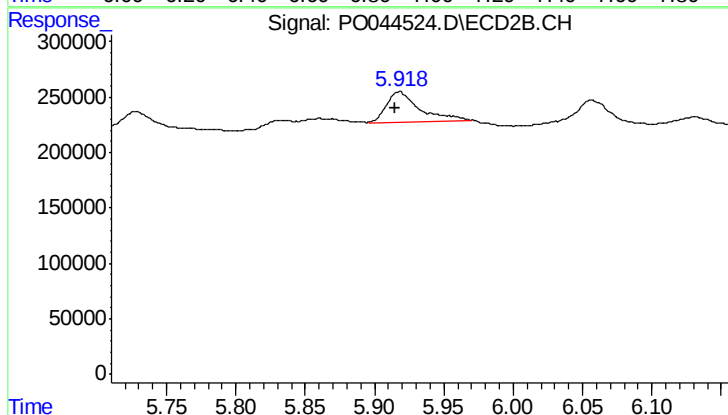
#31 AR-1260-1

R.T.: 5.728 min  
Delta R.T.: 0.000 min  
Response: 224412  
Conc: 14.93 ng/ml



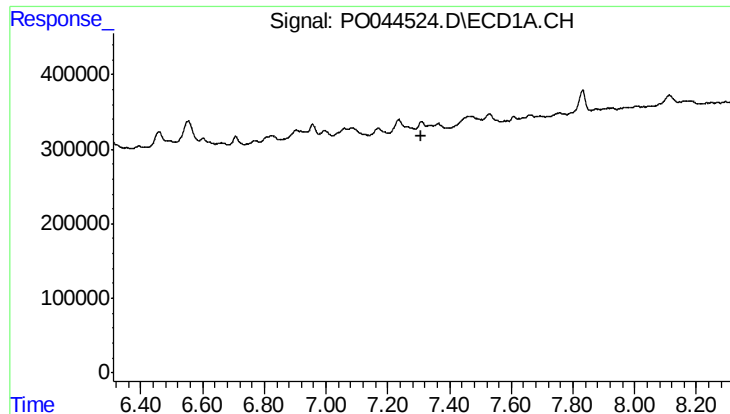
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 6.958 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

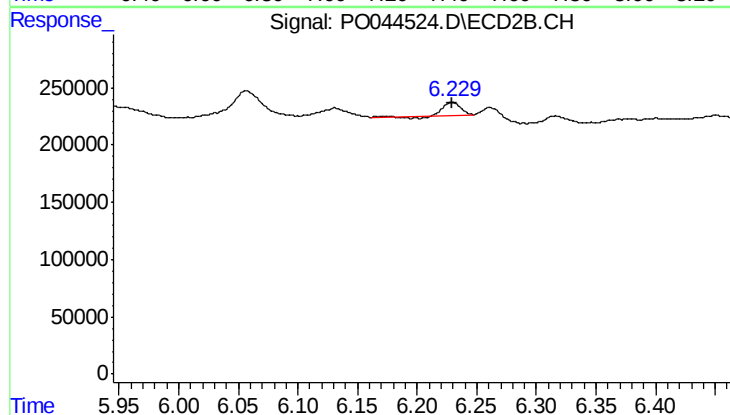
R.T.: 5.918 min  
Delta R.T.: 0.003 min  
Response: 442108  
Conc: 24.13 ng/ml



#33 AR-1260-3

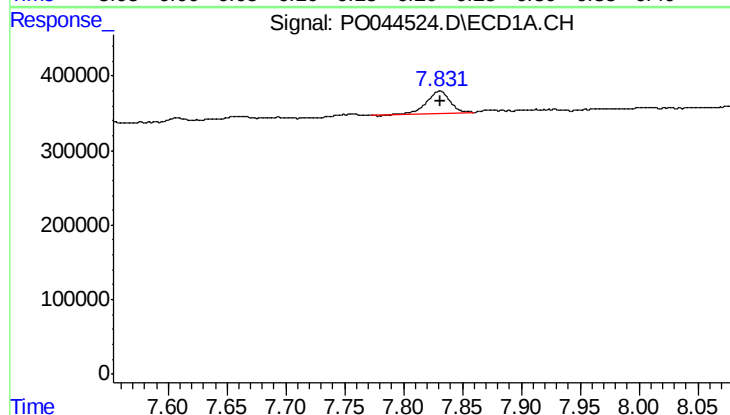
R.T.: 0.000 min  
Exp R.T.: 7.311 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



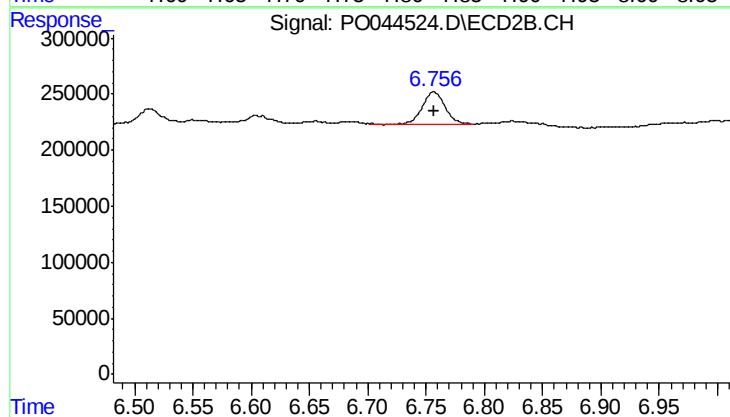
#33 AR-1260-3

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 98888  
Conc: 6.05 ng/ml



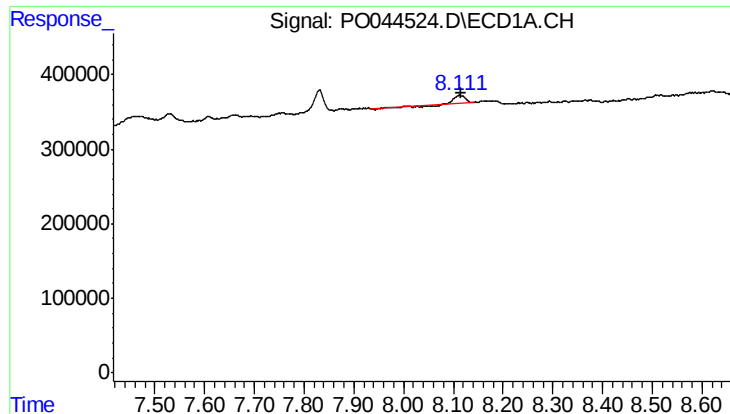
#34 AR-1260-4

R.T.: 7.831 min  
Delta R.T.: 0.000 min  
Response: 411699  
Conc: 23.89 ng/ml



#34 AR-1260-4

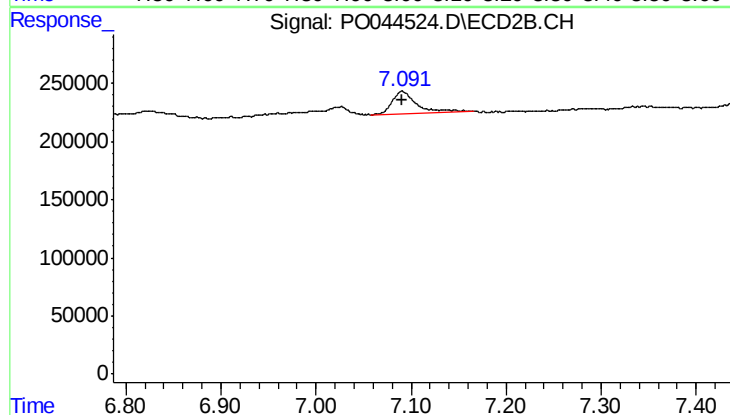
R.T.: 6.757 min  
Delta R.T.: 0.000 min  
Response: 380852  
Conc: 13.97 ng/ml



#35 AR-1260-5

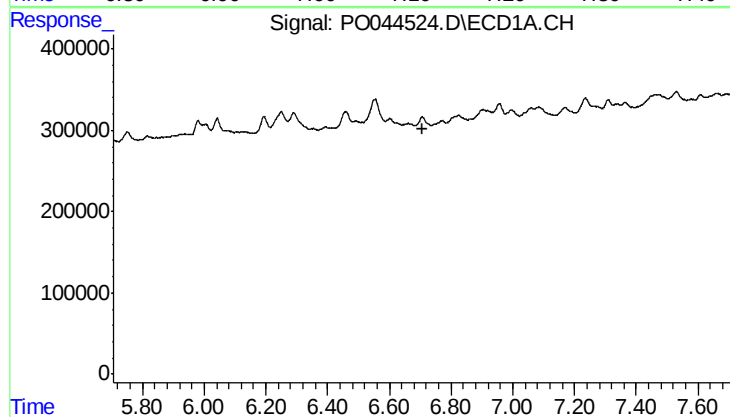
R.T.: 8.112 min  
Delta R.T.: -0.002 min  
Response: 188193  
Conc: 18.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



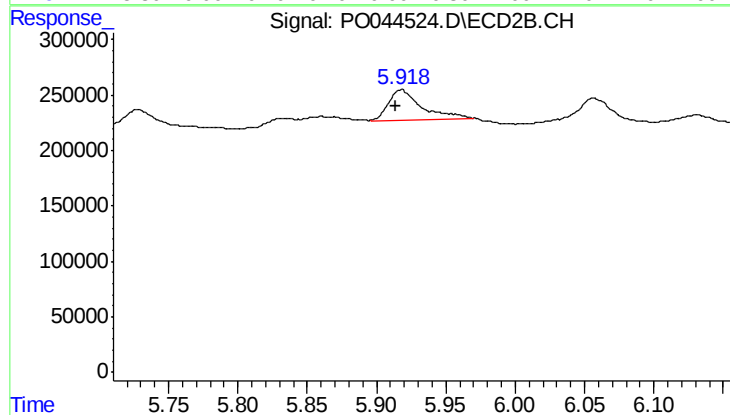
#35 AR-1260-5

R.T.: 7.091 min  
Delta R.T.: 0.000 min  
Response: 352842  
Conc: 19.76 ng/ml



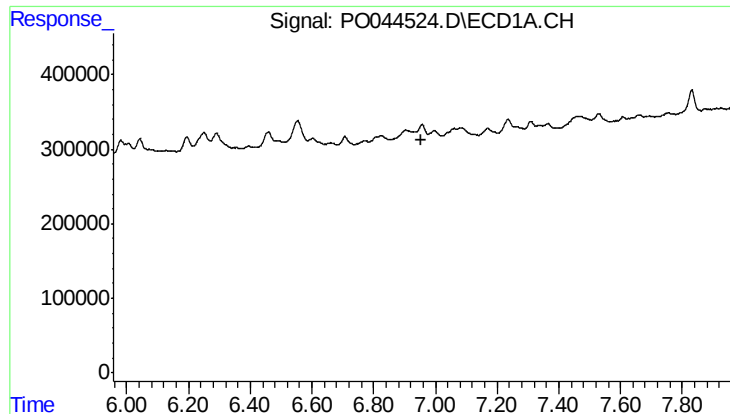
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 6.706 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

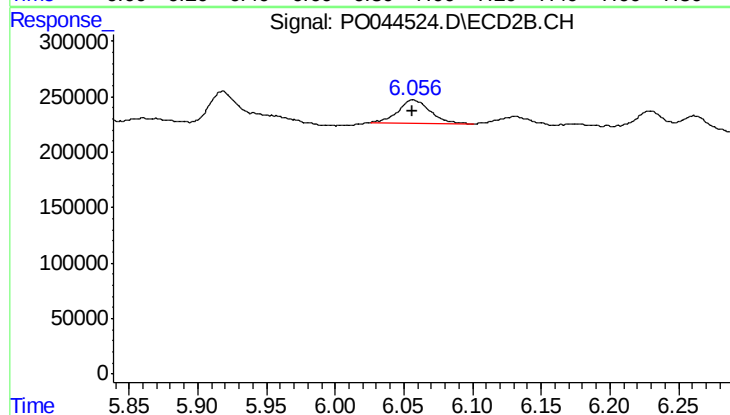
R.T.: 5.918 min  
Delta R.T.: 0.004 min  
Response: 442108  
Conc: 25.80 ng/ml



#37 AR-1262-2

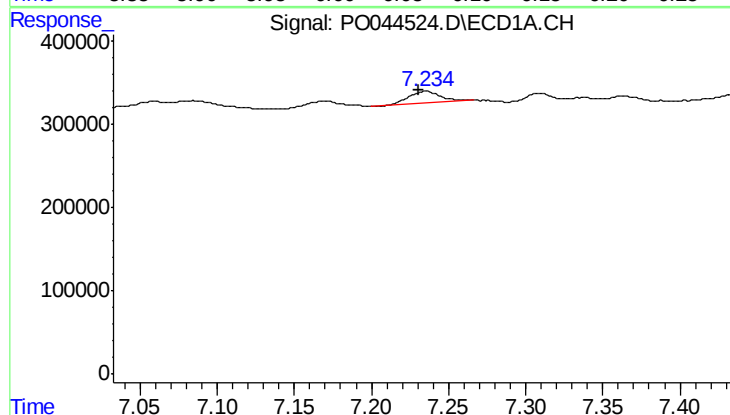
R.T.: 0.000 min  
Exp R.T.: 6.956 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



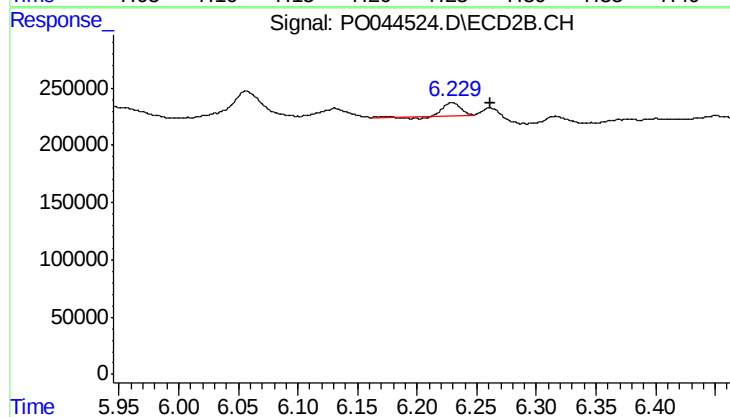
#37 AR-1262-2

R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 345448  
Conc: 21.17 ng/ml



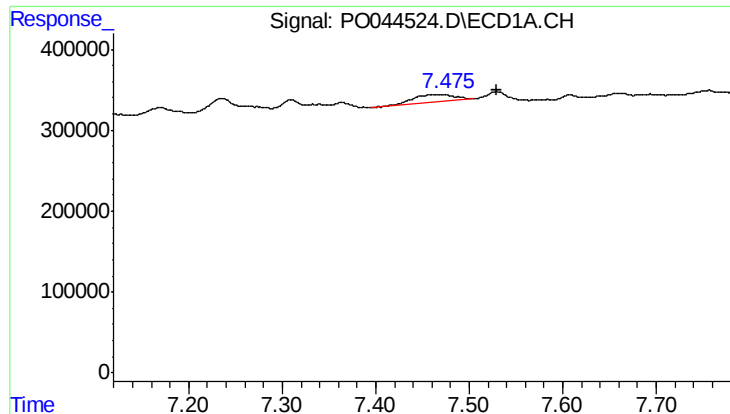
#38 AR-1262-3

R.T.: 7.235 min  
Delta R.T.: 0.005 min  
Response: 199016  
Conc: 22.34 ng/ml



#38 AR-1262-3

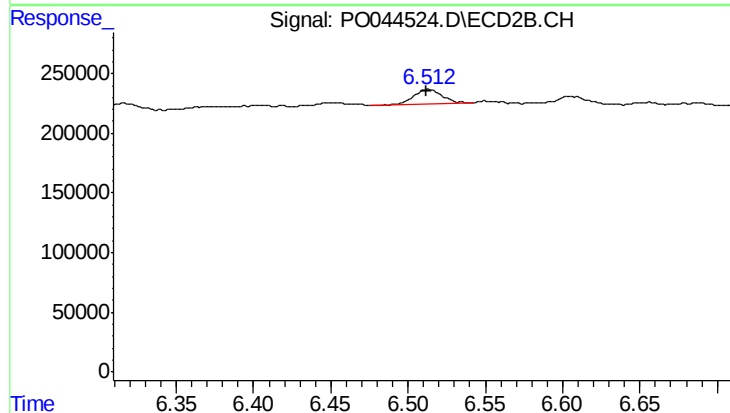
R.T.: 6.229 min  
Delta R.T.: -0.033 min  
Response: 98888  
Conc: 3.61 ng/ml



#39 AR-1262-4

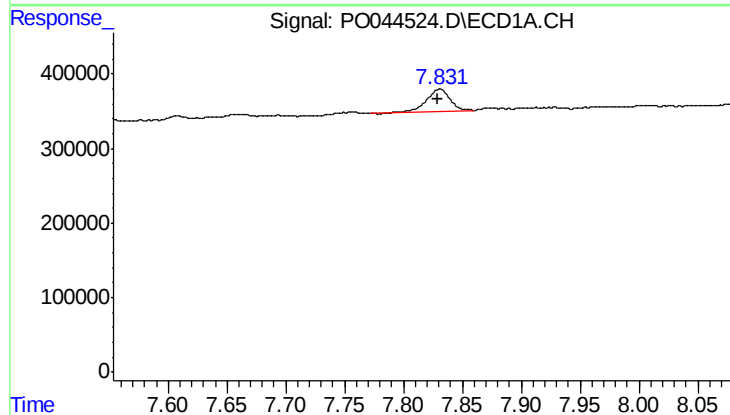
R.T.: 7.475 min  
Delta R.T.: -0.055 min  
Response: 266420  
Conc: 22.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



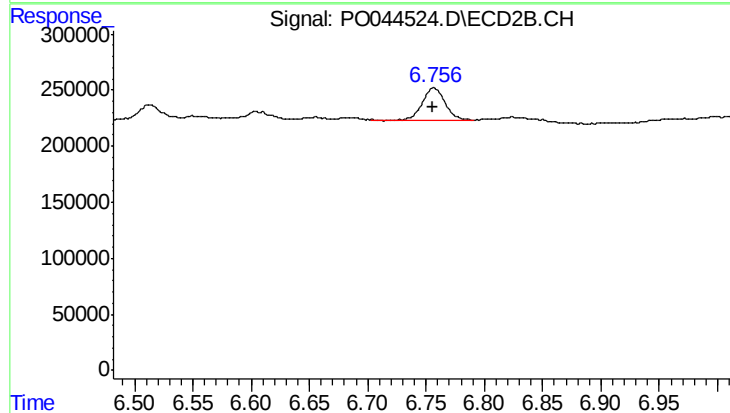
#39 AR-1262-4

R.T.: 6.513 min  
Delta R.T.: 0.001 min  
Response: 156238  
Conc: 7.18 ng/ml



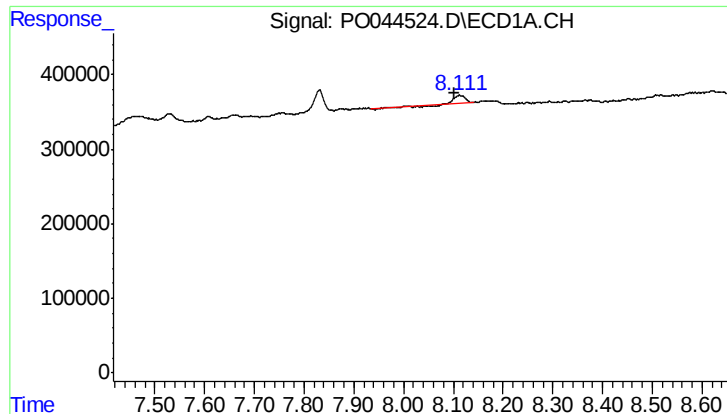
#40 AR-1262-5

R.T.: 7.831 min  
Delta R.T.: 0.001 min  
Response: 411699  
Conc: 16.69 ng/ml



#40 AR-1262-5

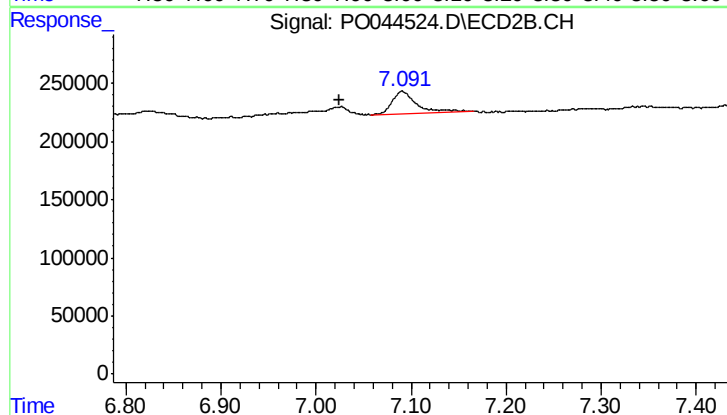
R.T.: 6.757 min  
Delta R.T.: 0.001 min  
Response: 380852  
Conc: 8.39 ng/ml



#41 AR-1268-1

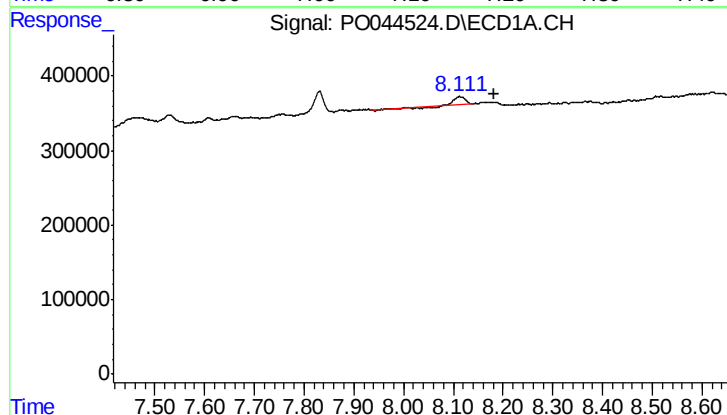
R.T.: 8.112 min  
Delta R.T.: 0.011 min  
Response: 188193  
Conc: 7.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



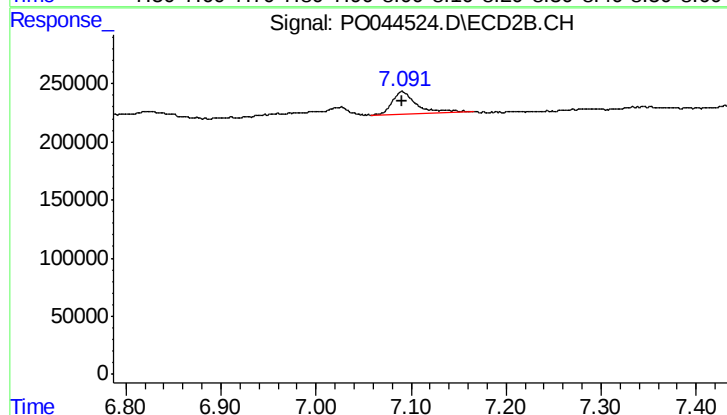
#41 AR-1268-1

R.T.: 7.091 min  
Delta R.T.: 0.067 min  
Response: 352842  
Conc: 7.76 ng/ml



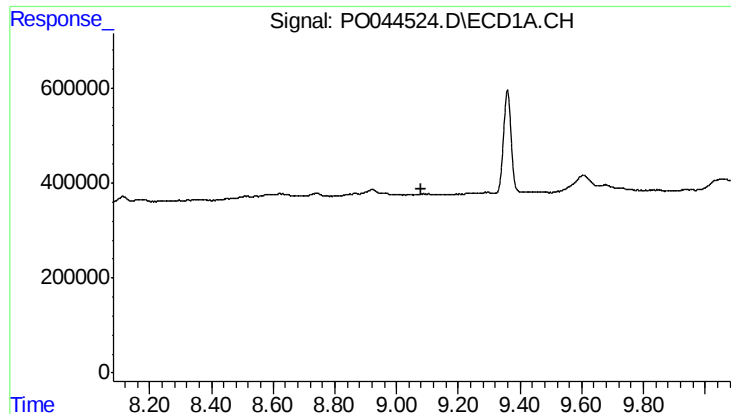
#42 AR-1268-2

R.T.: 8.112 min  
Delta R.T.: -0.070 min  
Response: 188193  
Conc: 8.17 ng/ml



#42 AR-1268-2

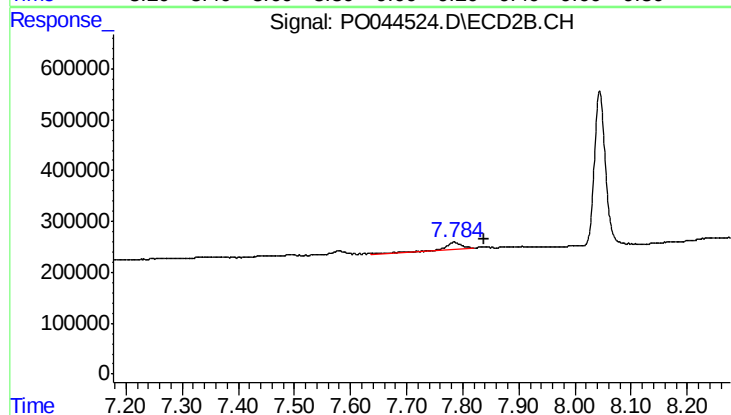
R.T.: 7.091 min  
Delta R.T.: 0.000 min  
Response: 352842  
Conc: 8.66 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.082 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



#45 AR-1268-5

R.T.: 7.785 min  
Delta R.T.: -0.054 min  
Response: 235369  
Conc: 2.59 ng/ml