

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0062818\  
 Data File : P0046398.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Jun 2018 4:07  
 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: Jun 29 07:19:39 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0062818.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jun 28 11:20:48 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...          | 4.384  | 3.612 | 9271225  | 4376974  | 22.548   | 25.964     |
| 2) SA Decachlor...          | 10.047 | 8.572 | 5706827  | 2380173  | 21.746   | 22.436     |
|                             |        |       |          |          |          |            |
| Target Compounds            |        |       |          |          |          |            |
| 4) L1 AR-1016-2             | 0.000  | 4.921 | 0        | 3696741  | N.D.     | 999.596 #  |
| 5) L1 AR-1016-3             | 0.000  | 4.961 | 0        | 967248   | N.D.     | 222.110 #  |
| 6) L1 AR-1016-4             | 6.157  | 5.133 | 1635920  | 897537   | 152.652  | 182.603    |
| 7) L1 AR-1016-5             | 6.393  | 5.482 | 14455726 | 10892379 | 1614.810 | 2367.750 # |
| 15) L3 AR-1232-5            | 0.000  | 4.921 | 0        | 3696741  | N.D.     | 1979.024 # |
| 17) L4 AR-1242-2            | 0.000  | 4.921 | 0        | 3696741  | N.D.     | 991.967 #  |
| 18) L4 AR-1242-3            | 0.000  | 4.961 | 0        | 967248   | N.D.     | 278.899 #  |
| 19) L4 AR-1242-4            | 6.017  | 5.133 | 3856099  | 897537   | 503.213  | 245.757 #  |
| 20) L4 AR-1242-5            | 6.157  | 5.279 | 1635920  | 800808   | 191.053  | 229.523    |
| 21) L5 AR-1248-1            | 6.017  | 5.133 | 3856099  | 897537   | 330.368  | 161.513 #  |
| 22) L5 AR-1248-2            | 6.157  | 5.279 | 1635920  | 800808   | 161.148  | 160.171    |
| 23) L5 AR-1248-3            | 6.416  | 5.482 | 5934437  | 10892379 | 437.395  | 1507.519 # |
| 24) L5 AR-1248-4            | 6.460  | 5.482 | 3763304  | 10892379 | 289.671  | 2022.393 # |
| 25) L5 AR-1248-5            | 6.660  | 6.029 | 6355588  | 11501772 | 777.895  | 3468.562 # |
| 26) L6 AR-1254-1            | 6.610  | 5.482 | 20613045 | 10892379 | 1052.385 | 1303.594   |
| 27) L6 AR-1254-2            | 6.888  | 5.628 | 11790854 | 8153240  | 1014.188 | 1171.625   |
| 28) L6 AR-1254-3            | 6.973  | 6.029 | 21969476 | 11501772 | 1101.721 | 1113.768   |
| 29) L6 AR-1254-4            | 7.257  | 6.256 | 15067586 | 7480360  | 1062.603 | 1092.848   |
| 30) L6 AR-1254-5            | 7.526  | 6.570 | 10475330 | 5163038  | 1036.368 | 1112.262   |
| 31) L7 AR-1260-1            | 7.138  | 6.158 | 9461226  | 6426583  | 580.396  | 781.411 #  |
| 32) L7 AR-1260-2            | 7.392  | 6.343 | 9755517  | 6005382  | 523.359  | 618.577    |
| 33) L7 AR-1260-3            | 7.675  | 6.671 | 16475303 | 11225063 | 806.070  | 1112.142 # |
| 34) L7 AR-1260-4            | 8.286  | 7.205 | 3255129  | 1484566  | 119.969  | 102.598    |
| 35) L7 AR-1260-5            | 8.605  | 7.549 | 2319671  | 10599973 | 133.394  | 991.208 #  |
| 36) L8 AR-1262-1            | 7.138  | 6.343 | 9461226  | 6005382  | 794.763  | 844.293    |
| 37) L8 AR-1262-2            | 7.392  | 6.497 | 9755517  | 5625554  | 742.848  | 844.556    |
| 38) L8 AR-1262-3            | 7.675  | 6.740 | 16475303 | 1377222  | 1429.956 | 160.039 #  |
| 39) L8 AR-1262-4            | 7.961  | 6.966 | 6655907  | 725483   | 437.665  | 100.057 #  |
| 40) L8 AR-1262-5            | 8.286  | 7.205 | 3255129  | 1484566  | 117.607  | 109.019    |
| 41) L9 AR-1268-1            | 8.605  | 7.524 | 2319671  | 8632361  | 80.165   | 629.690 #  |
| 42) L9 AR-1268-2            | 0.000  | 7.549 | 0        | 10599973 | N.D.     | 831.359 #  |
| -----                       |        |       |          |          |          |            |

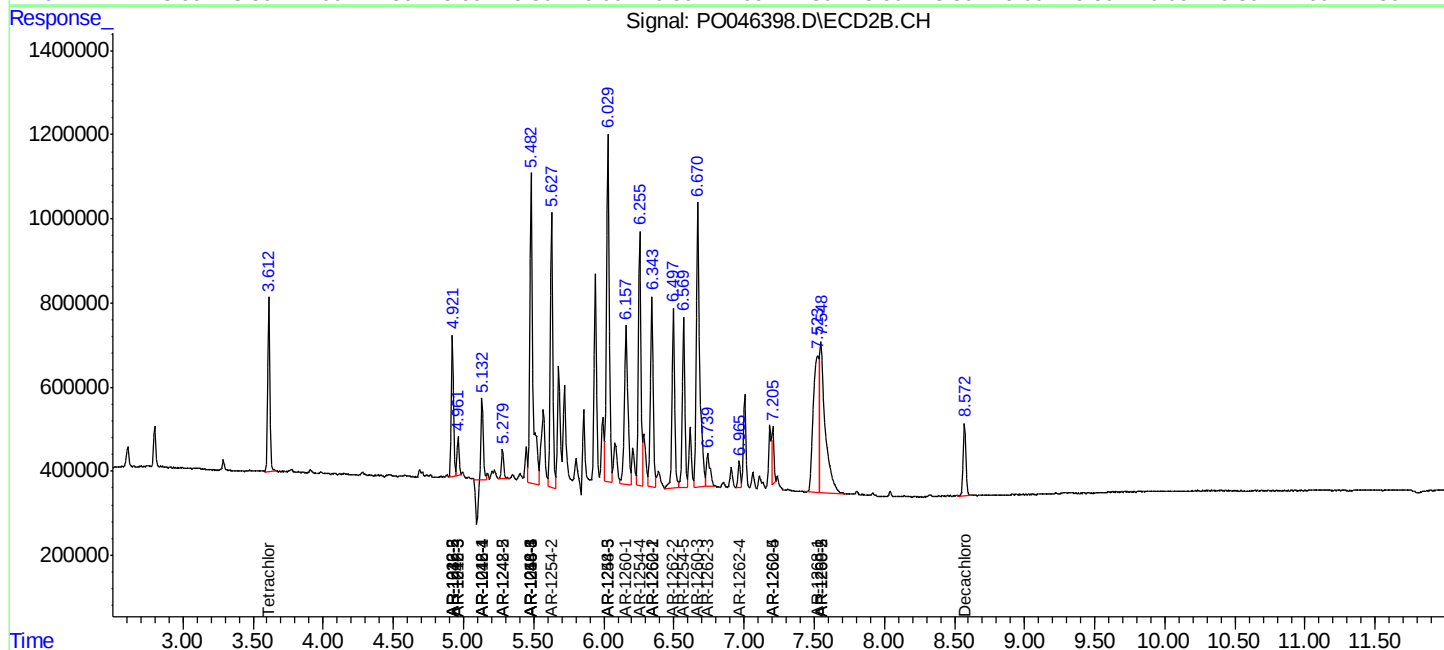
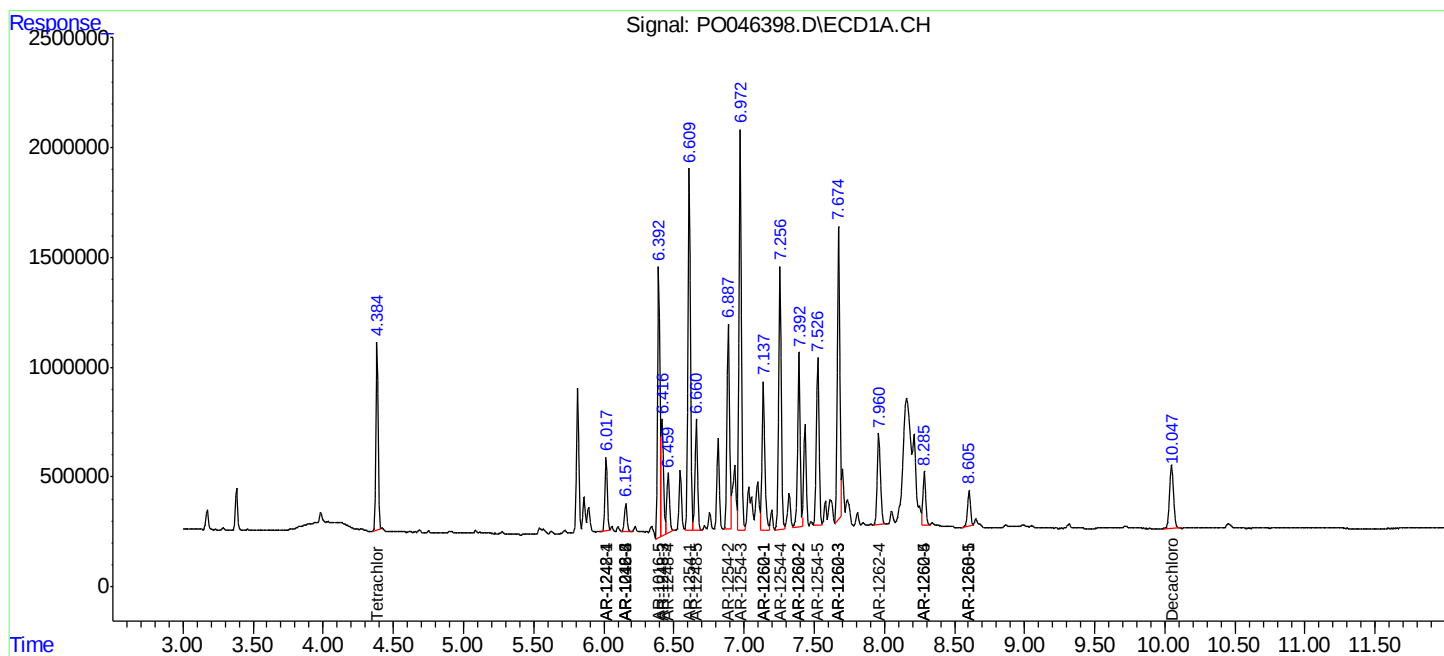
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

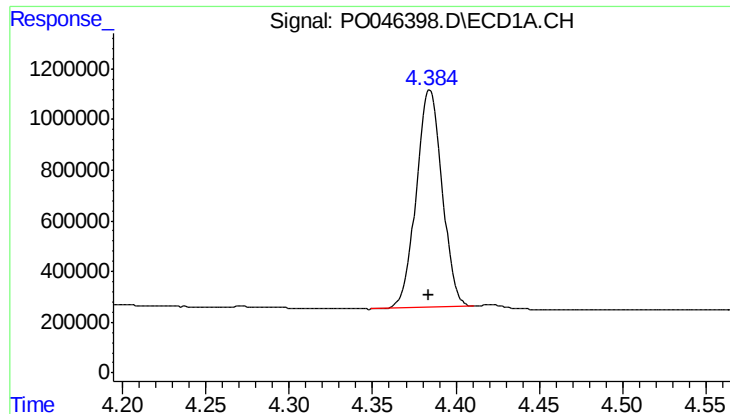
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0062818\  
Data File : P0046398.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 29 Jun 2018 4:07  
Operator : SM/UA  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 29 07:19:39 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0062818.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Jun 28 11:20:48 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

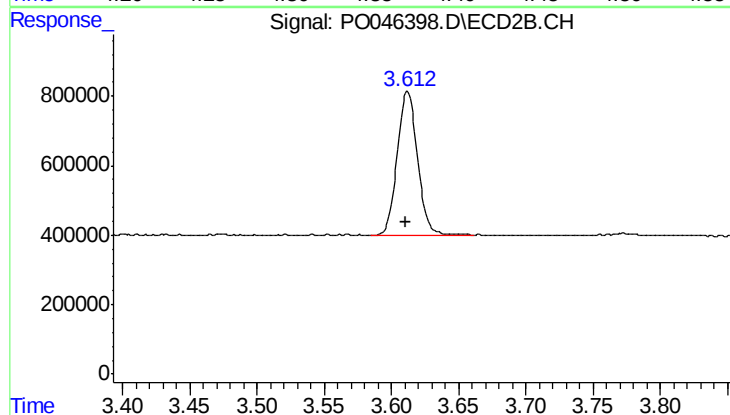




#1 Tetrachloro-m-xylene

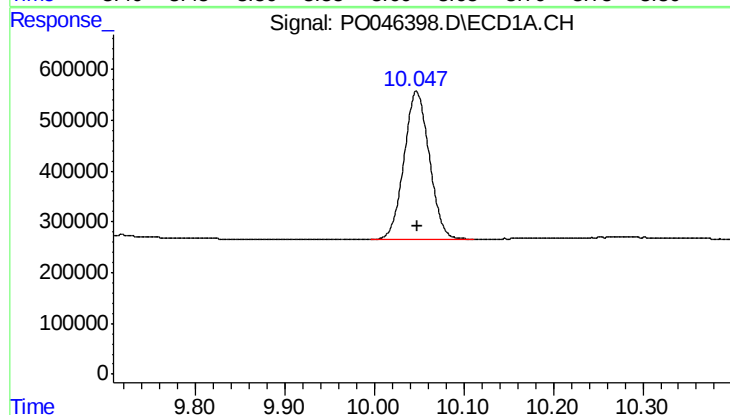
R.T.: 4.384 min  
Delta R.T.: 0.000 min  
Response: 9271225  
Conc: 22.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



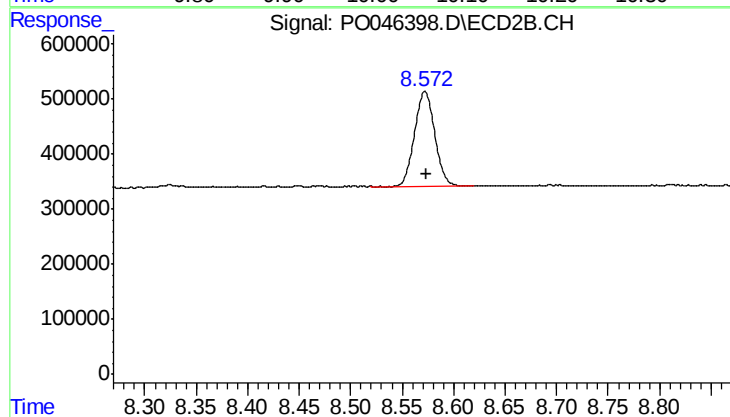
#1 Tetrachloro-m-xylene

R.T.: 3.612 min  
Delta R.T.: 0.000 min  
Response: 4376974  
Conc: 25.96 ng/ml



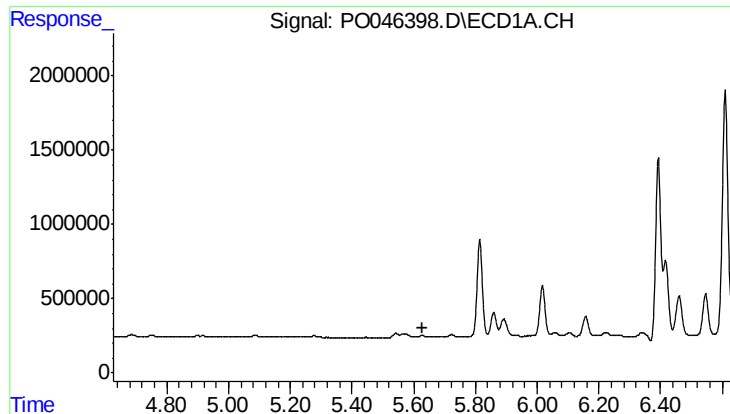
#2 Decachlorobiphenyl

R.T.: 10.047 min  
Delta R.T.: 0.000 min  
Response: 5706827  
Conc: 21.75 ng/ml



#2 Decachlorobiphenyl

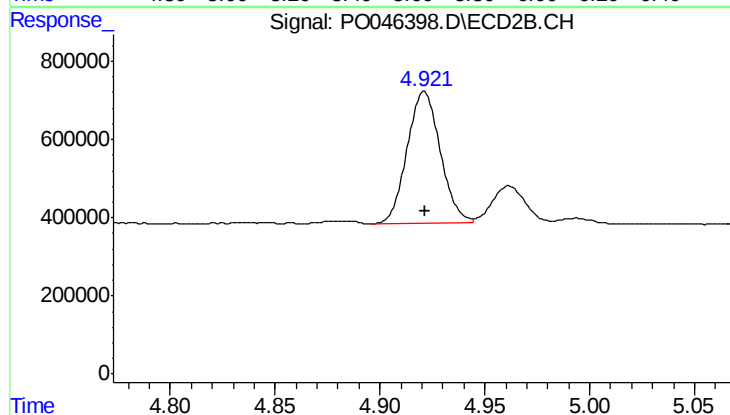
R.T.: 8.572 min  
Delta R.T.: -0.002 min  
Response: 2380173  
Conc: 22.44 ng/ml



#4 AR-1016-2

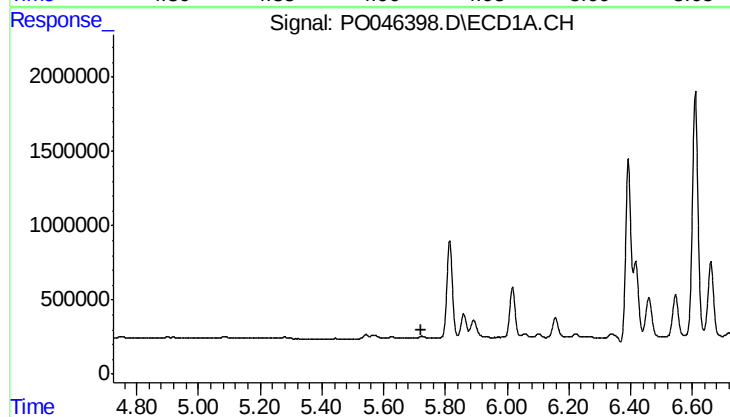
R.T.: 0.000 min  
Exp R.T.: 5.627 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



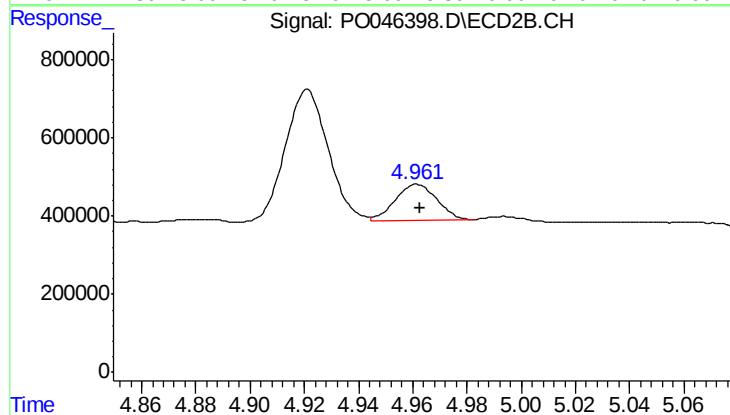
#4 AR-1016-2

R.T.: 4.921 min  
Delta R.T.: 0.000 min  
Response: 3696741  
Conc: 999.60 ng/ml



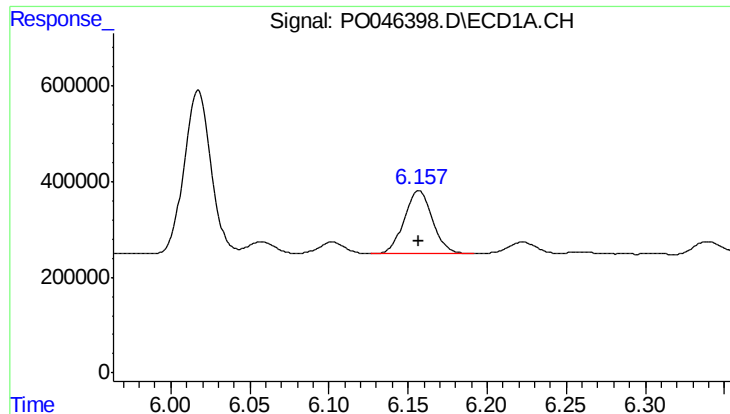
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.724 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

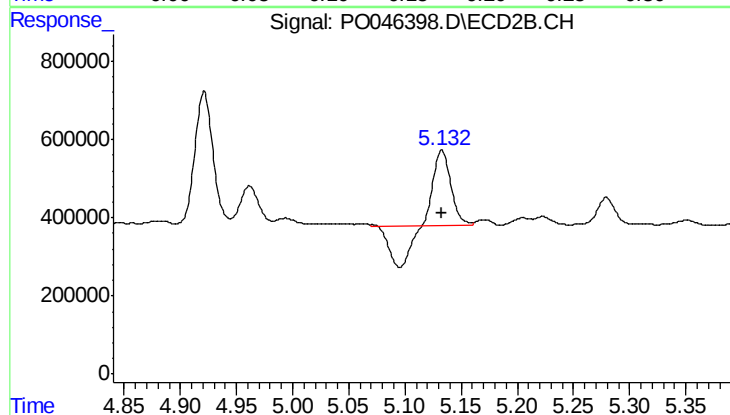
R.T.: 4.961 min  
Delta R.T.: -0.001 min  
Response: 967248  
Conc: 222.11 ng/ml



#6 AR-1016-4

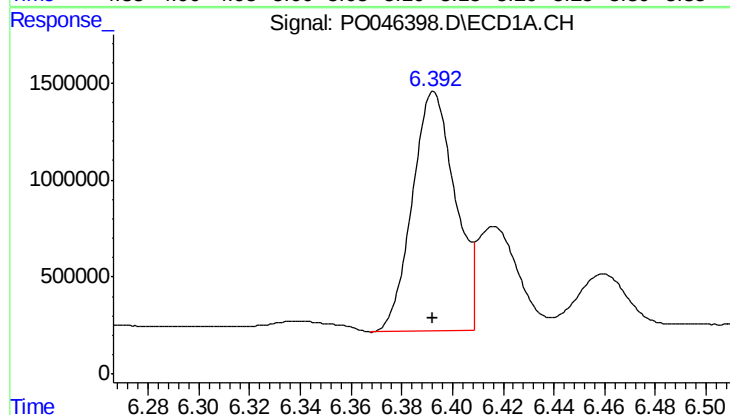
R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 1635920  
Conc: 152.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



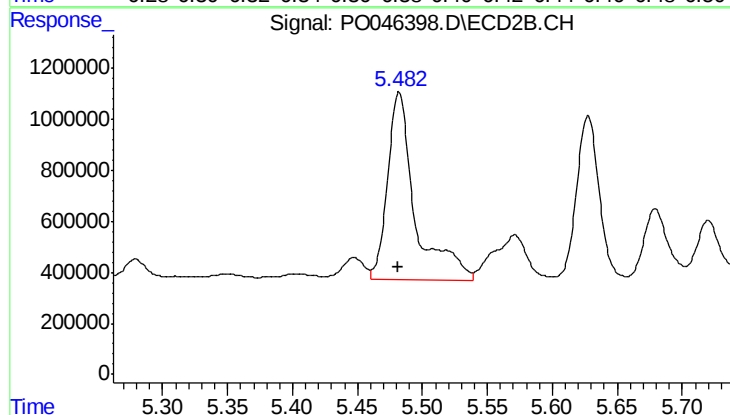
#6 AR-1016-4

R.T.: 5.133 min  
Delta R.T.: 0.000 min  
Response: 897537  
Conc: 182.60 ng/ml



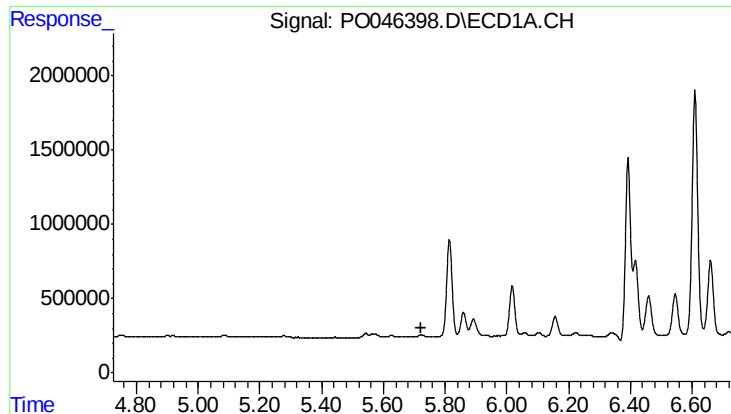
#7 AR-1016-5

R.T.: 6.393 min  
Delta R.T.: 0.000 min  
Response: 14455726  
Conc: 1614.81 ng/ml



#7 AR-1016-5

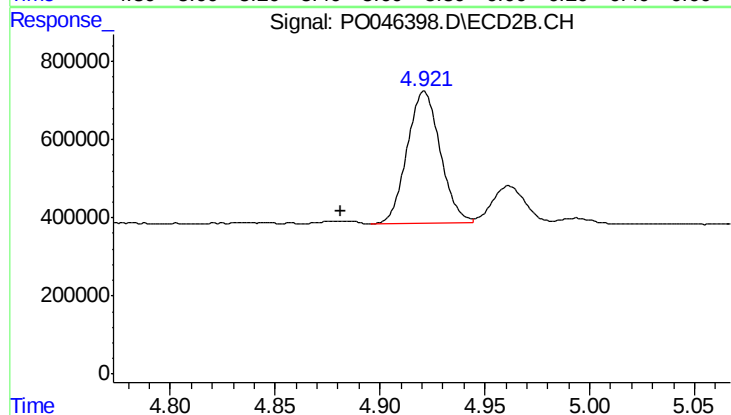
R.T.: 5.482 min  
Delta R.T.: 0.000 min  
Response: 10892379  
Conc: 2367.75 ng/ml



#15 AR-1232-5

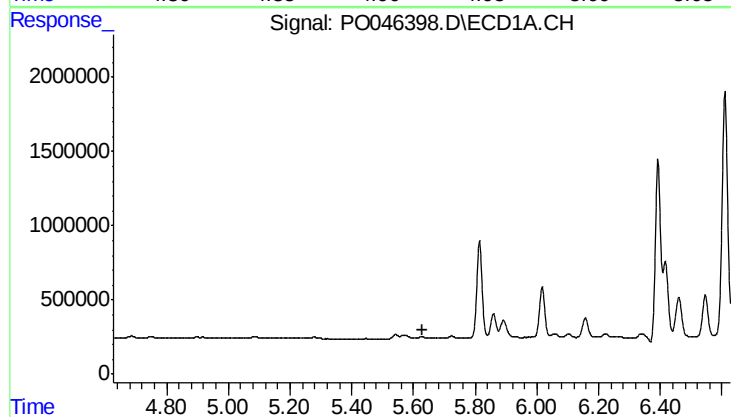
R.T.: 0.000 min  
Exp R.T.: 5.725 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



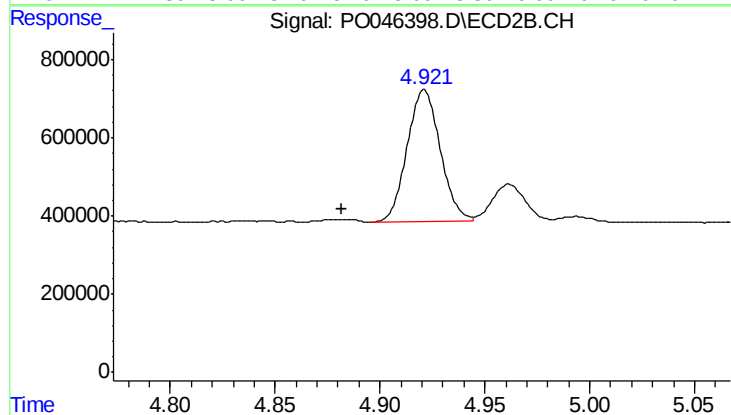
#15 AR-1232-5

R.T.: 4.921 min  
Delta R.T.: 0.040 min  
Response: 3696741  
Conc: 1979.02 ng/ml



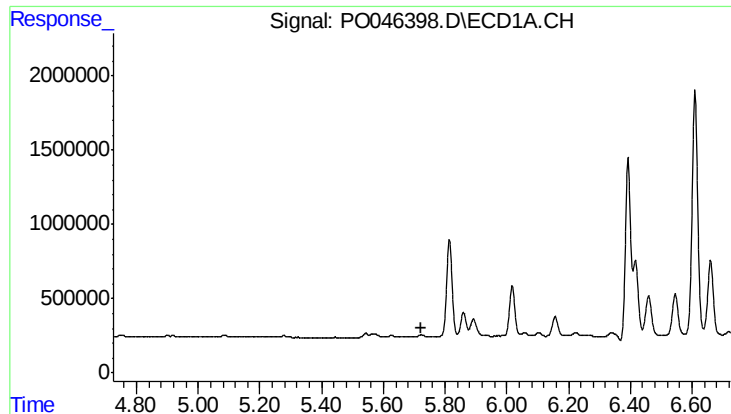
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 5.628 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

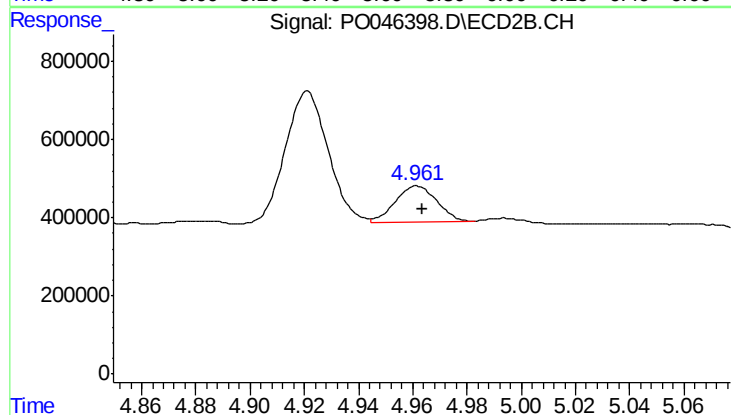
R.T.: 4.921 min  
Delta R.T.: 0.039 min  
Response: 3696741  
Conc: 991.97 ng/ml



#18 AR-1242-3

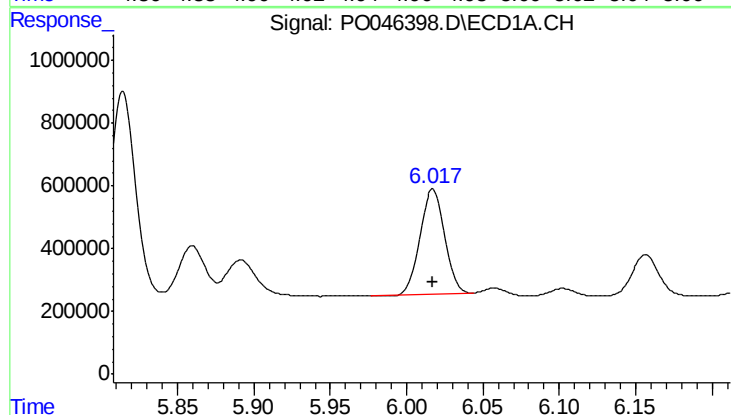
R.T.: 0.000 min  
Exp R.T.: 5.725 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



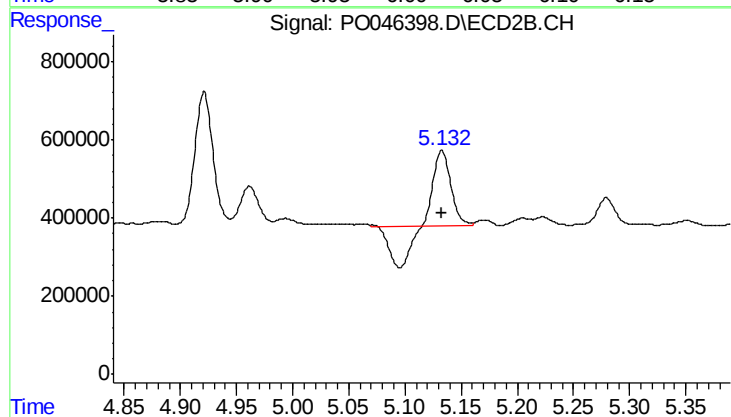
#18 AR-1242-3

R.T.: 4.961 min  
Delta R.T.: -0.002 min  
Response: 967248  
Conc: 278.90 ng/ml



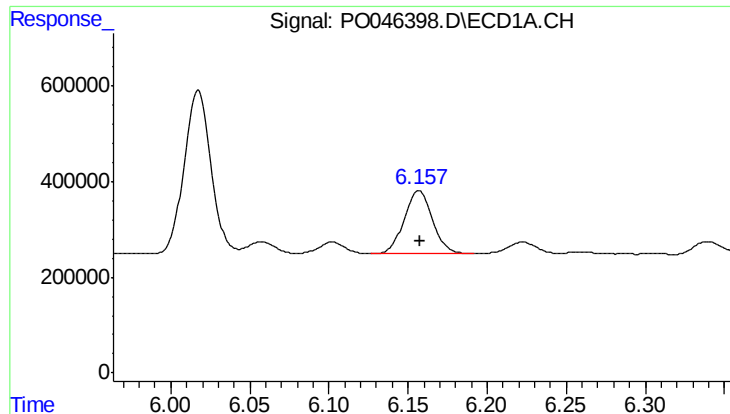
#19 AR-1242-4

R.T.: 6.017 min  
Delta R.T.: 0.000 min  
Response: 3856099  
Conc: 503.21 ng/ml



#19 AR-1242-4

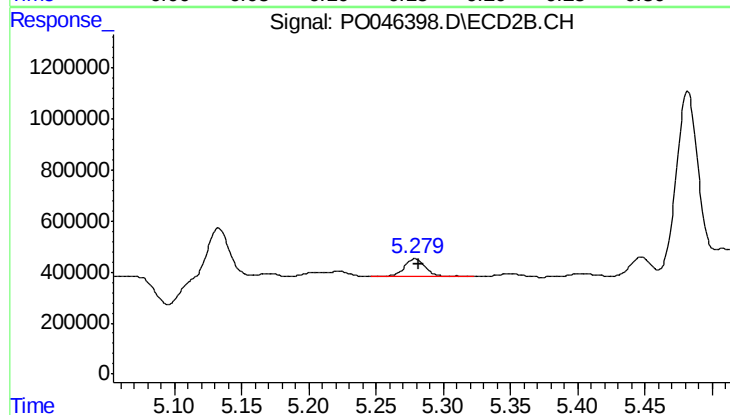
R.T.: 5.133 min  
Delta R.T.: 0.000 min  
Response: 897537  
Conc: 245.76 ng/ml



#20 AR-1242-5

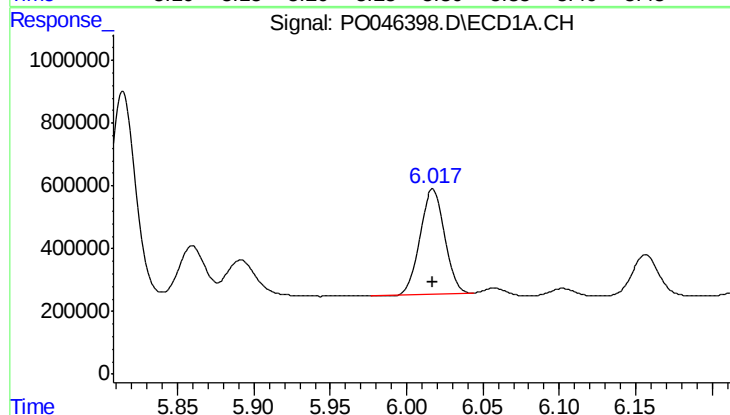
R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 1635920  
Conc: 191.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



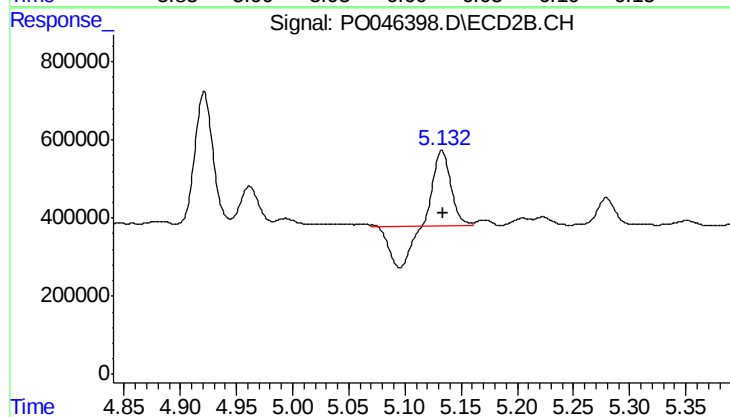
#20 AR-1242-5

R.T.: 5.279 min  
Delta R.T.: -0.003 min  
Response: 800808  
Conc: 229.52 ng/ml



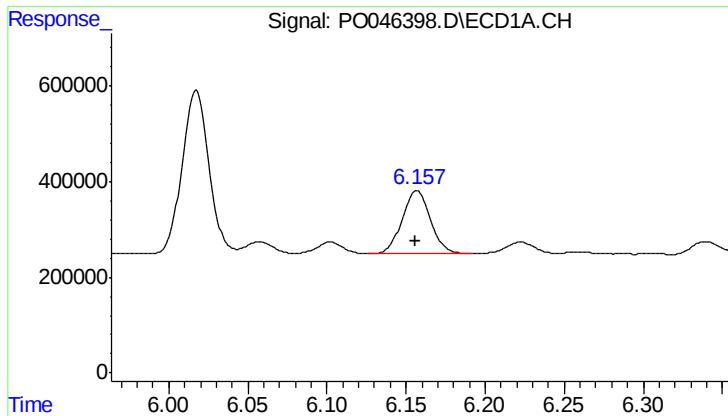
#21 AR-1248-1

R.T.: 6.017 min  
Delta R.T.: 0.000 min  
Response: 3856099  
Conc: 330.37 ng/ml



#21 AR-1248-1

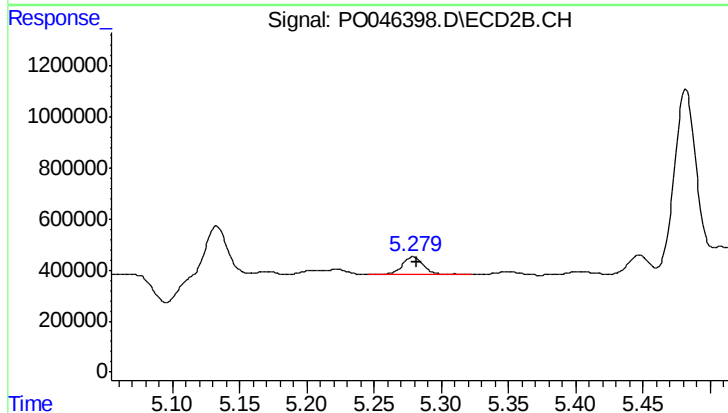
R.T.: 5.133 min  
Delta R.T.: 0.000 min  
Response: 897537  
Conc: 161.51 ng/ml



#22 AR-1248-2

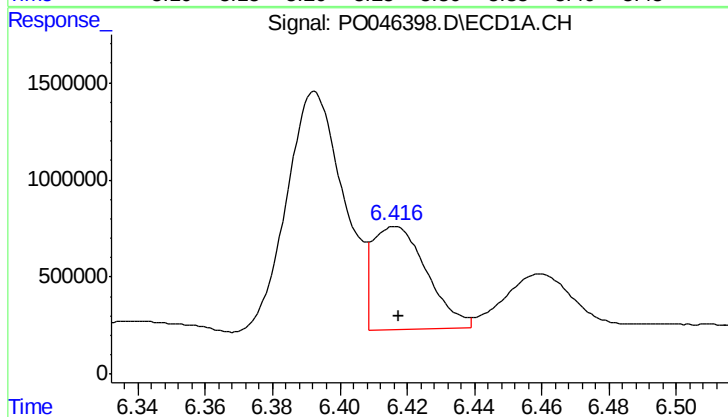
R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 1635920  
Conc: 161.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



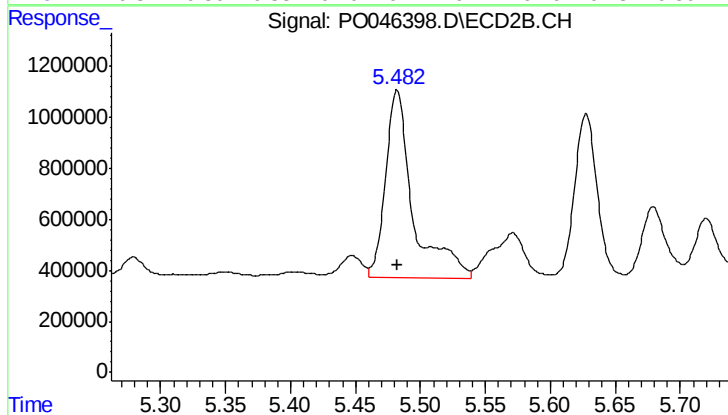
#22 AR-1248-2

R.T.: 5.279 min  
Delta R.T.: -0.002 min  
Response: 800808  
Conc: 160.17 ng/ml



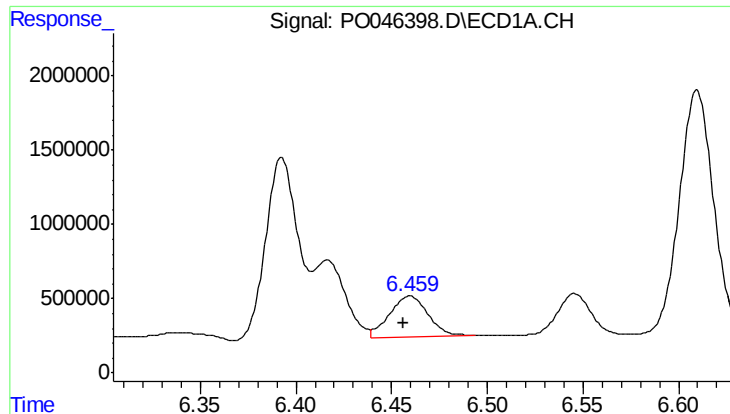
#23 AR-1248-3

R.T.: 6.416 min  
Delta R.T.: -0.001 min  
Response: 5934437  
Conc: 437.39 ng/ml



#23 AR-1248-3

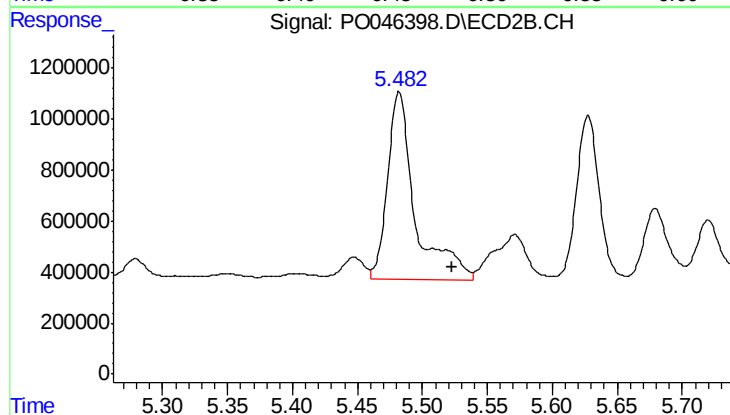
R.T.: 5.482 min  
Delta R.T.: 0.000 min  
Response: 10892379  
Conc: 1507.52 ng/ml



#24 AR-1248-4

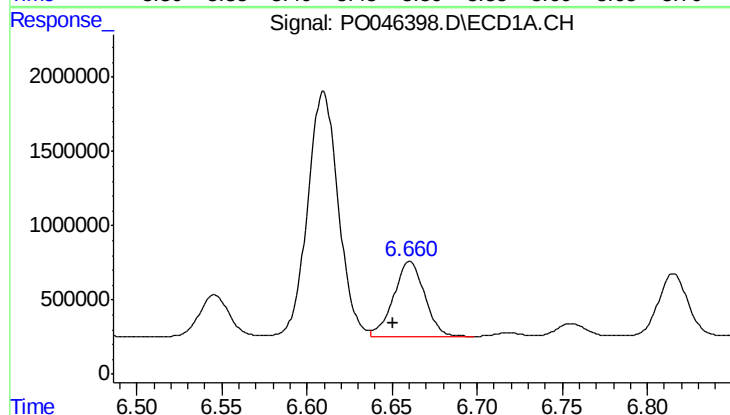
R.T.: 6.460 min  
Delta R.T.: 0.004 min  
Response: 3763304  
Conc: 289.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



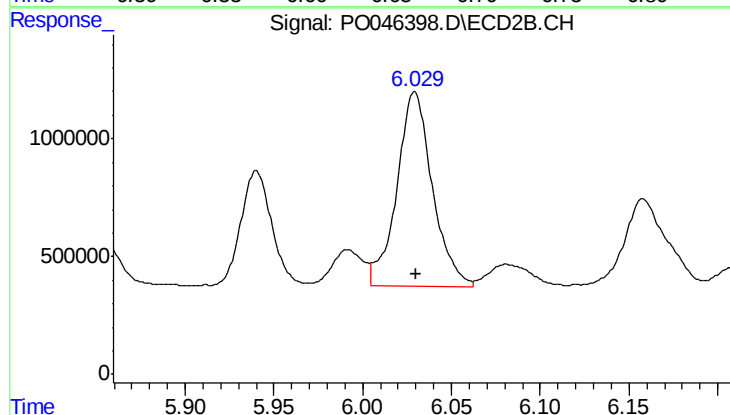
#24 AR-1248-4

R.T.: 5.482 min  
Delta R.T.: -0.041 min  
Response: 10892379  
Conc: 2022.39 ng/ml



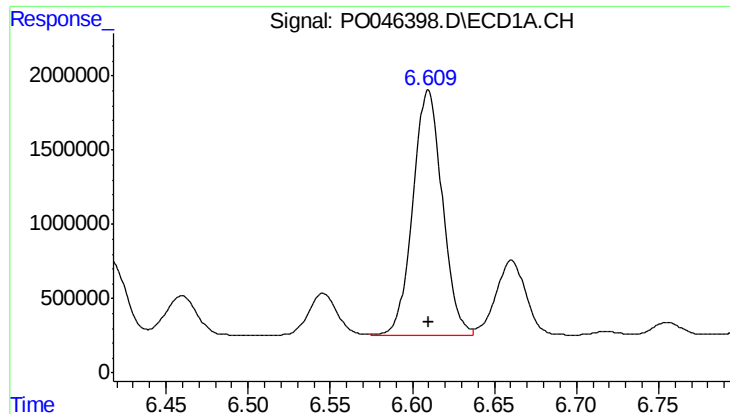
#25 AR-1248-5

R.T.: 6.660 min  
Delta R.T.: 0.010 min  
Response: 6355588  
Conc: 777.90 ng/ml



#25 AR-1248-5

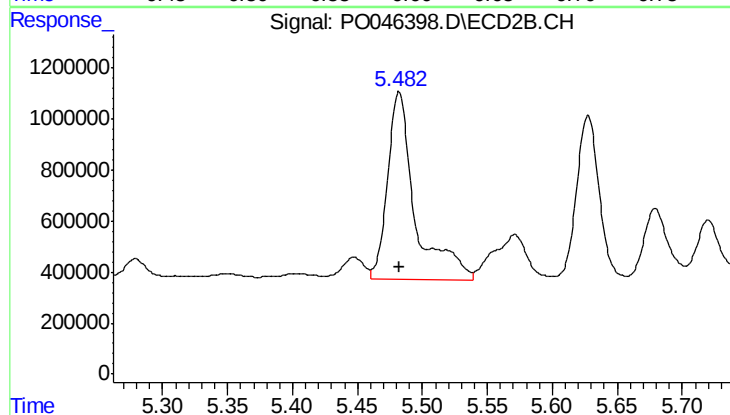
R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 11501772  
Conc: 3468.56 ng/ml



#26 AR-1254-1

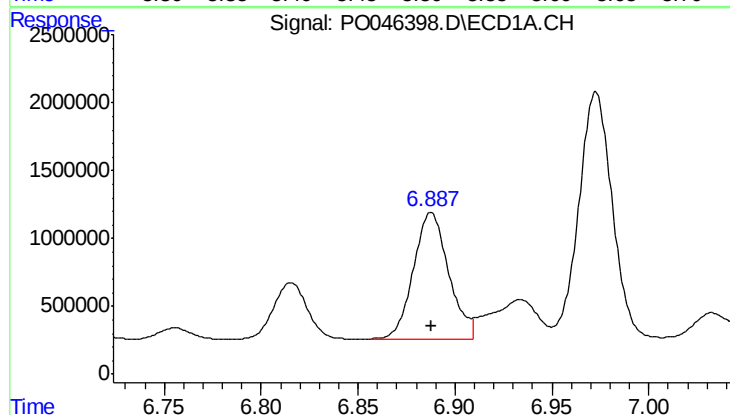
R.T.: 6.610 min  
Delta R.T.: 0.000 min  
Response: 20613045  
Conc: 1052.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



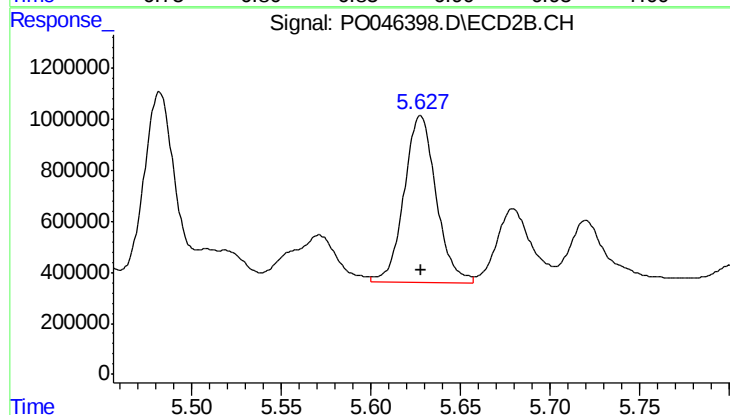
#26 AR-1254-1

R.T.: 5.482 min  
Delta R.T.: 0.000 min  
Response: 10892379  
Conc: 1303.59 ng/ml



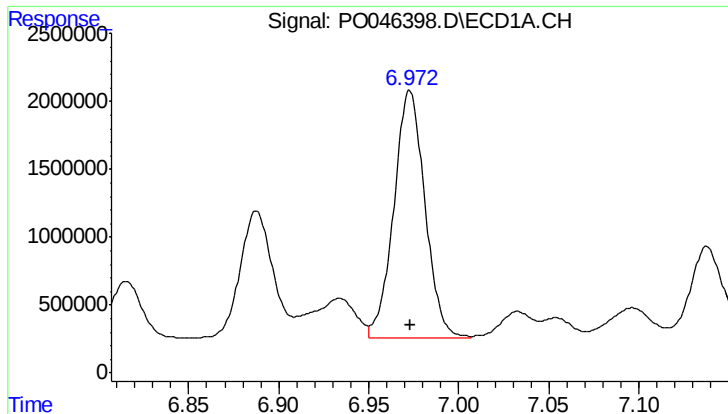
#27 AR-1254-2

R.T.: 6.888 min  
Delta R.T.: 0.000 min  
Response: 11790854  
Conc: 1014.19 ng/ml



#27 AR-1254-2

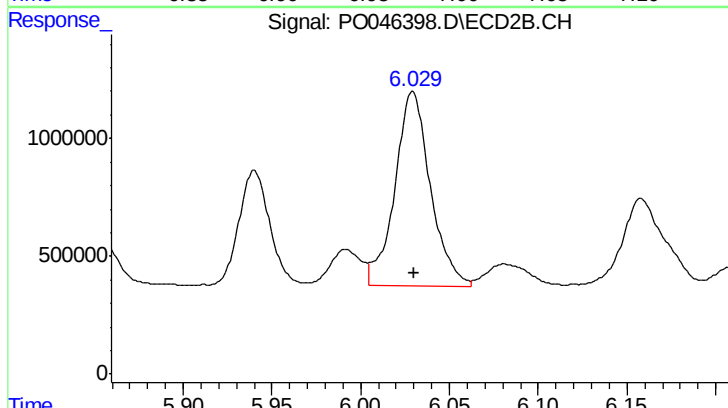
R.T.: 5.628 min  
Delta R.T.: 0.000 min  
Response: 8153240  
Conc: 1171.63 ng/ml



#28 AR-1254-3

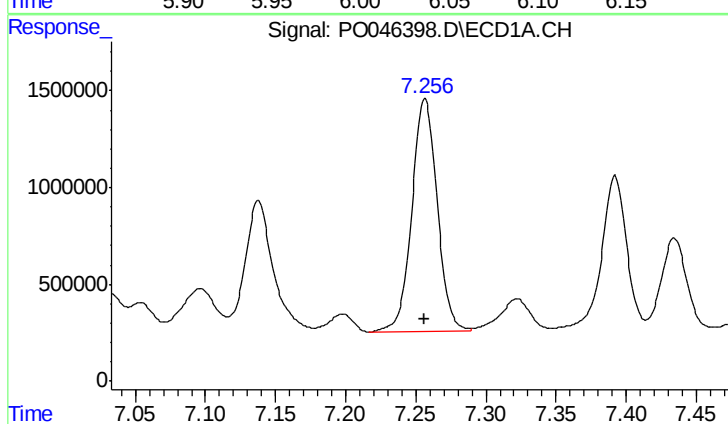
R.T.: 6.973 min  
Delta R.T.: 0.000 min  
Response: 21969476  
Conc: 1101.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



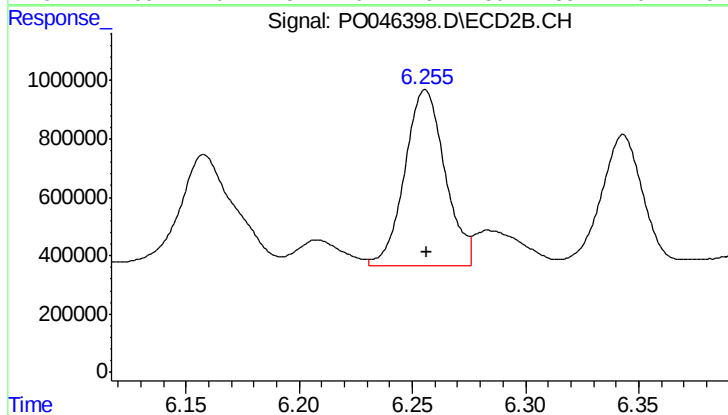
#28 AR-1254-3

R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 11501772  
Conc: 1113.77 ng/ml



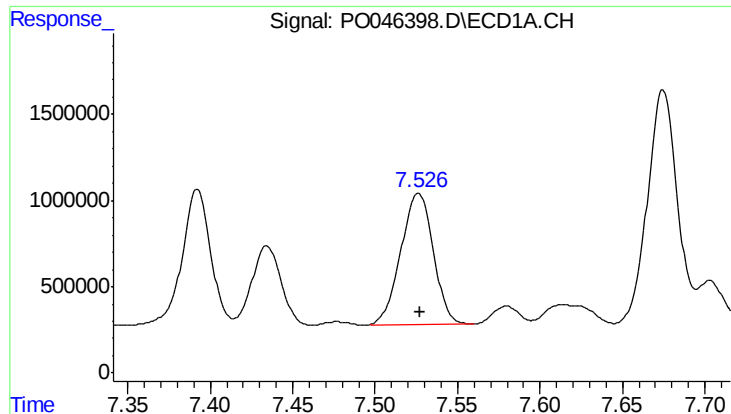
#29 AR-1254-4

R.T.: 7.257 min  
Delta R.T.: 0.000 min  
Response: 15067586  
Conc: 1062.60 ng/ml



#29 AR-1254-4

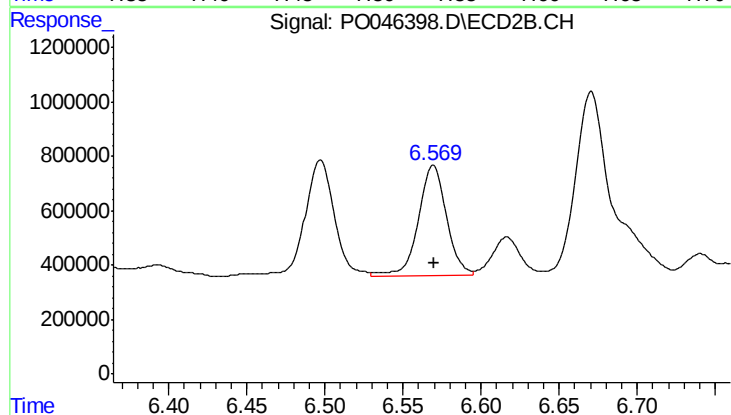
R.T.: 6.256 min  
Delta R.T.: 0.000 min  
Response: 7480360  
Conc: 1092.85 ng/ml



#30 AR-1254-5

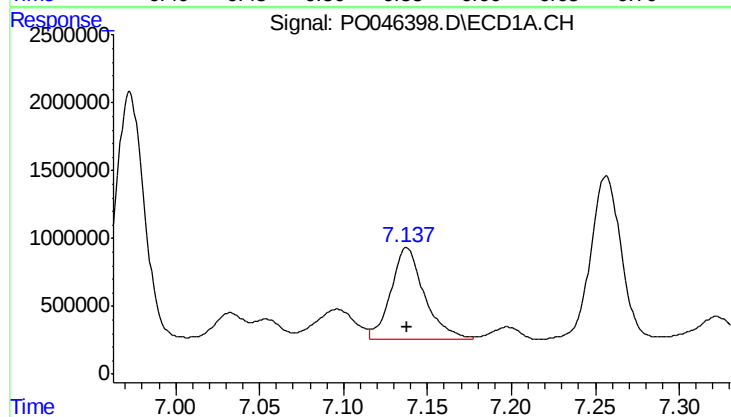
R.T.: 7.526 min  
Delta R.T.: -0.001 min  
Response: 10475330  
Conc: 1036.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



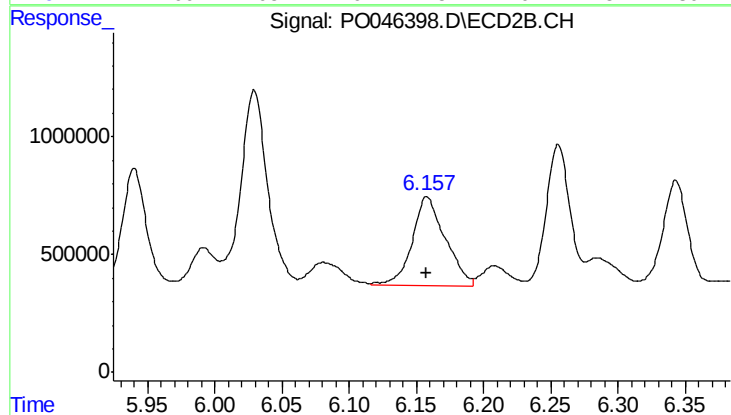
#30 AR-1254-5

R.T.: 6.570 min  
Delta R.T.: 0.000 min  
Response: 5163038  
Conc: 1112.26 ng/ml



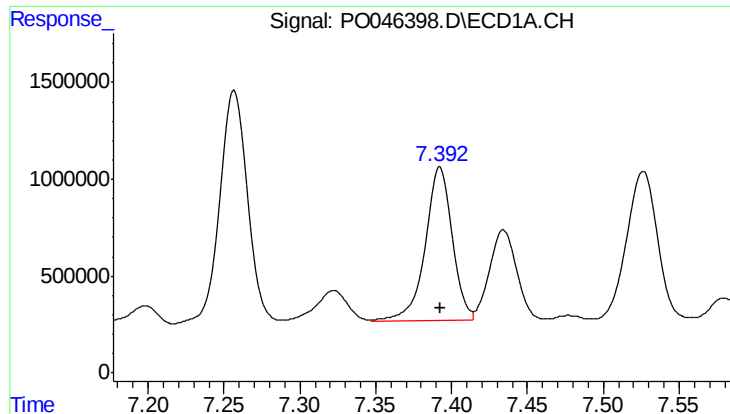
#31 AR-1260-1

R.T.: 7.138 min  
Delta R.T.: 0.000 min  
Response: 9461226  
Conc: 580.40 ng/ml



#31 AR-1260-1

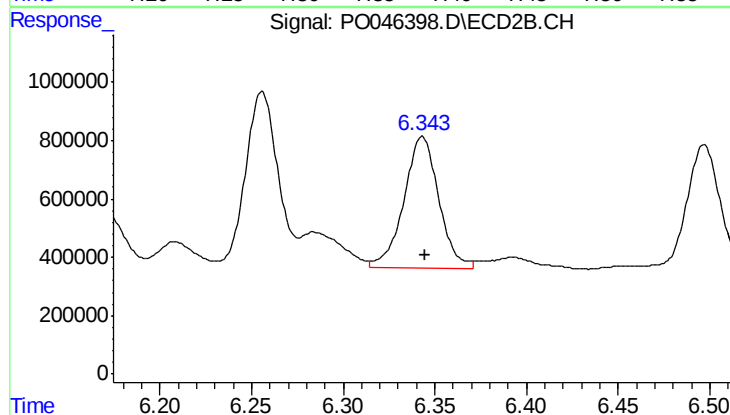
R.T.: 6.158 min  
Delta R.T.: 0.000 min  
Response: 6426583  
Conc: 781.41 ng/ml



#32 AR-1260-2

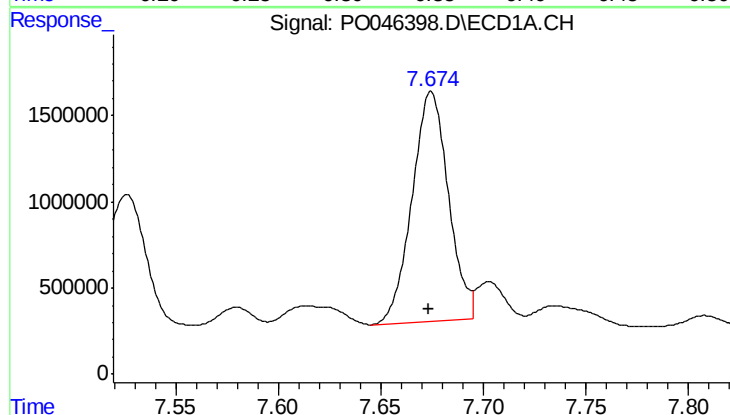
R.T.: 7.392 min  
Delta R.T.: 0.000 min  
Response: 9755517  
Conc: 523.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



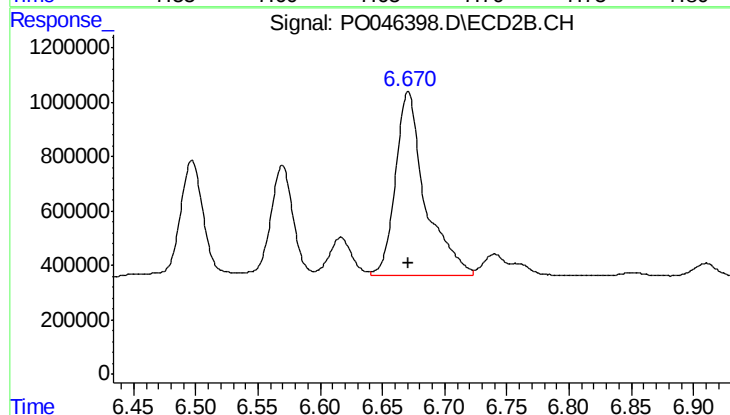
#32 AR-1260-2

R.T.: 6.343 min  
Delta R.T.: -0.002 min  
Response: 6005382  
Conc: 618.58 ng/ml



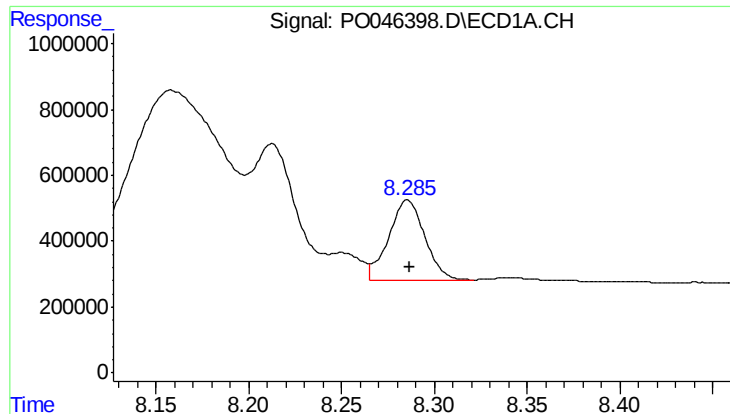
#33 AR-1260-3

R.T.: 7.675 min  
Delta R.T.: 0.001 min  
Response: 16475303  
Conc: 806.07 ng/ml



#33 AR-1260-3

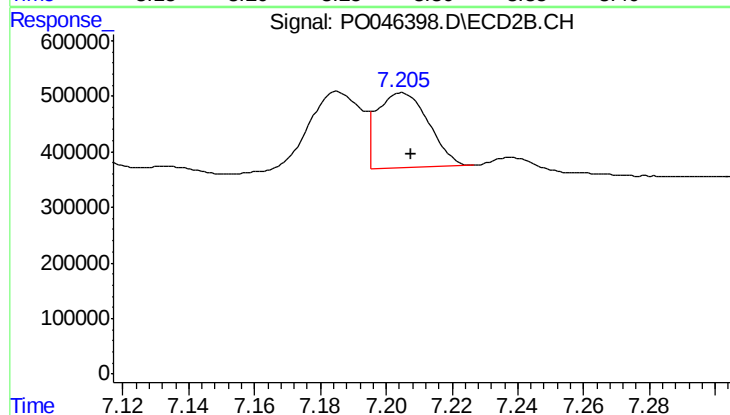
R.T.: 6.671 min  
Delta R.T.: 0.000 min  
Response: 11225063  
Conc: 1112.14 ng/ml



#34 AR-1260-4

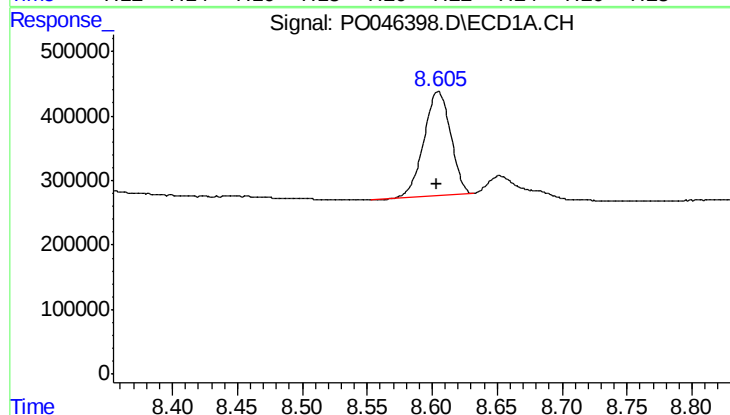
R.T.: 8.286 min  
Delta R.T.: -0.001 min  
Response: 3255129  
Conc: 119.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



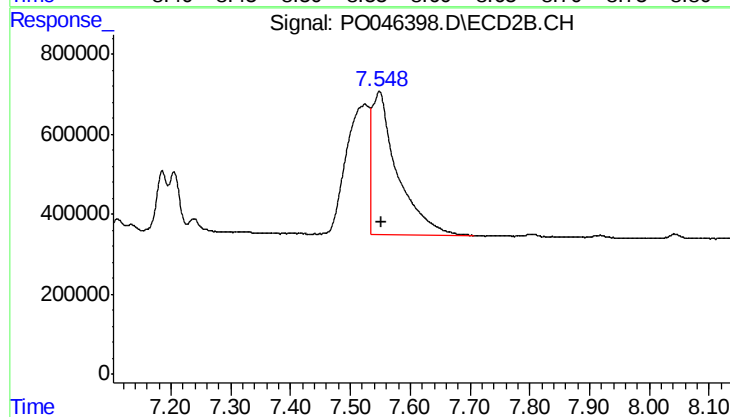
#34 AR-1260-4

R.T.: 7.205 min  
Delta R.T.: -0.003 min  
Response: 1484566  
Conc: 102.60 ng/ml



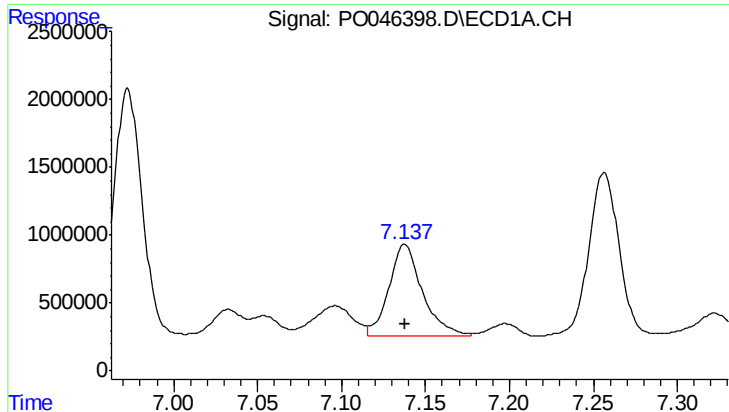
#35 AR-1260-5

R.T.: 8.605 min  
Delta R.T.: 0.002 min  
Response: 2319671  
Conc: 133.39 ng/ml



#35 AR-1260-5

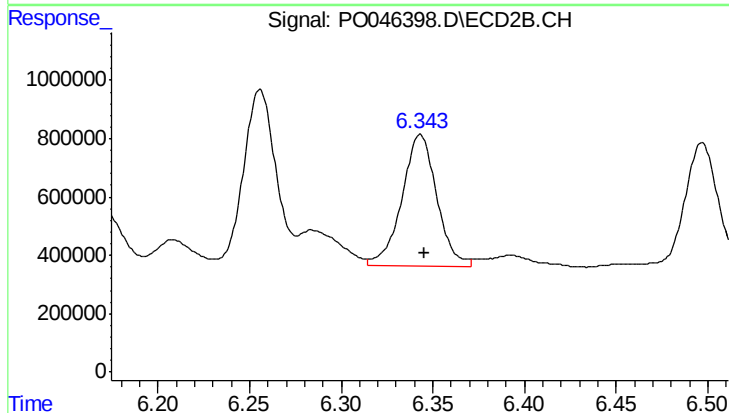
R.T.: 7.549 min  
Delta R.T.: -0.003 min  
Response: 10599973  
Conc: 991.21 ng/ml



#36 AR-1262-1

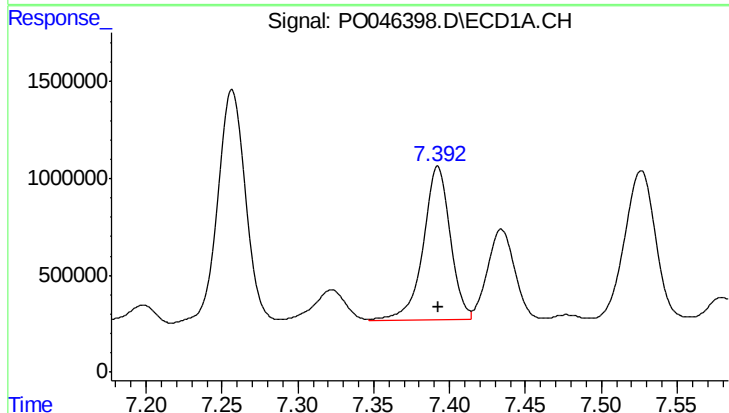
R.T.: 7.138 min  
Delta R.T.: 0.000 min  
Response: 9461226  
Conc: 794.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



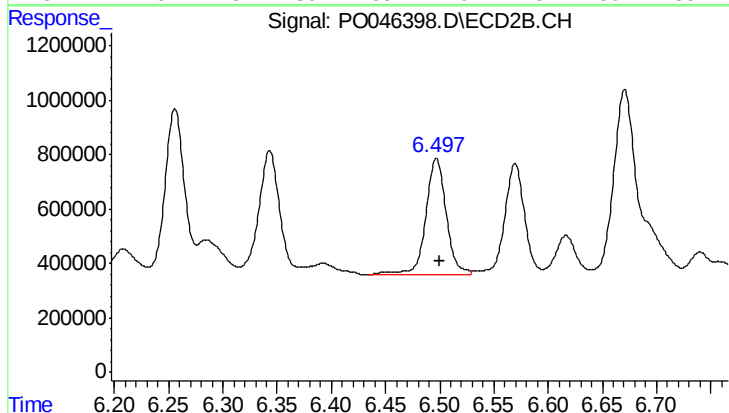
#36 AR-1262-1

R.T.: 6.343 min  
Delta R.T.: -0.002 min  
Response: 6005382  
Conc: 844.29 ng/ml



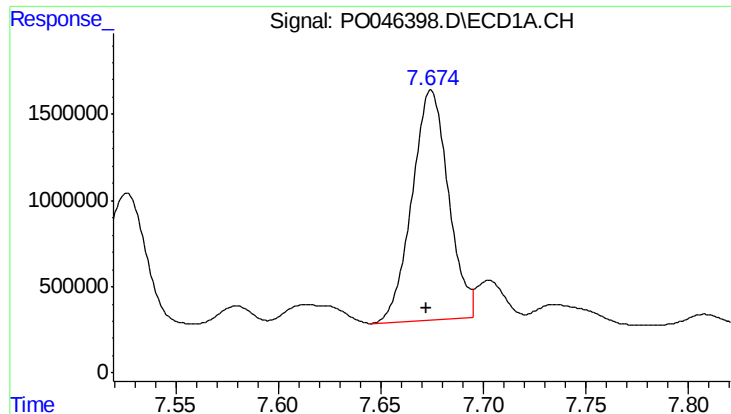
#37 AR-1262-2

R.T.: 7.392 min  
Delta R.T.: 0.000 min  
Response: 9755517  
Conc: 742.85 ng/ml



#37 AR-1262-2

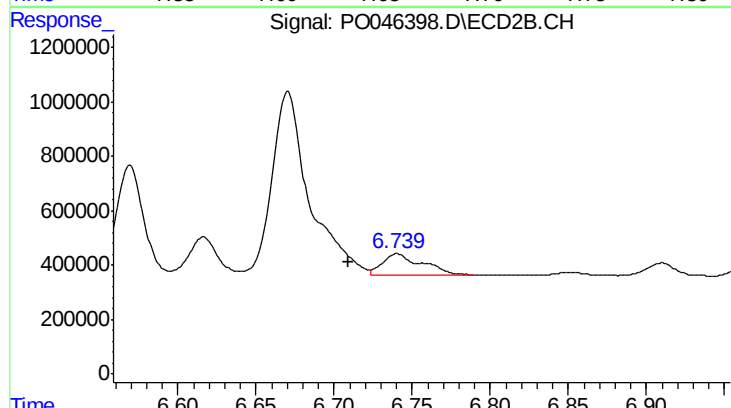
R.T.: 6.497 min  
Delta R.T.: -0.004 min  
Response: 5625554  
Conc: 844.56 ng/ml



#38 AR-1262-3

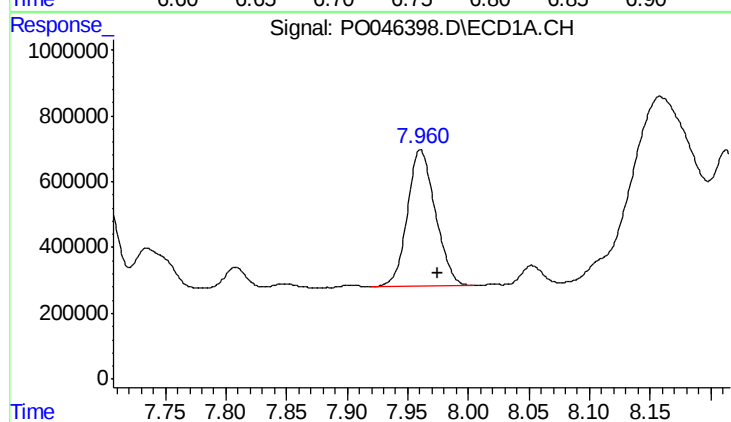
R.T.: 7.675 min  
Delta R.T.: 0.002 min  
Response: 16475303  
Conc: 1429.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



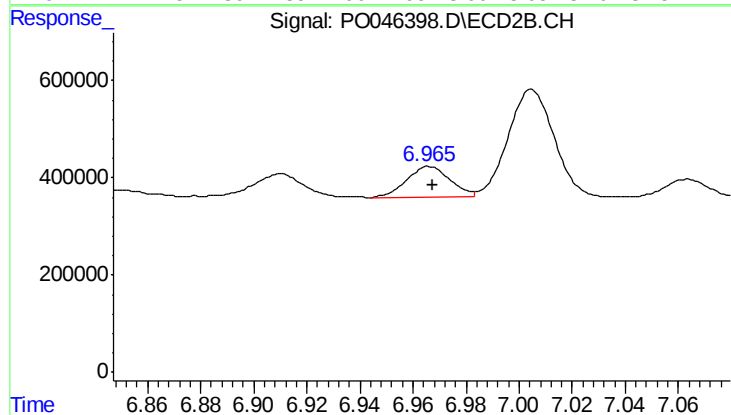
#38 AR-1262-3

R.T.: 6.740 min  
Delta R.T.: 0.031 min  
Response: 1377222  
Conc: 160.04 ng/ml



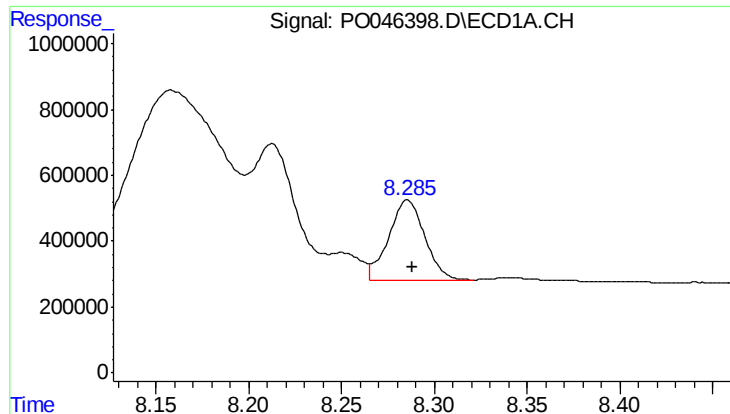
#39 AR-1262-4

R.T.: 7.961 min  
Delta R.T.: -0.015 min  
Response: 6655907  
Conc: 437.67 ng/ml



#39 AR-1262-4

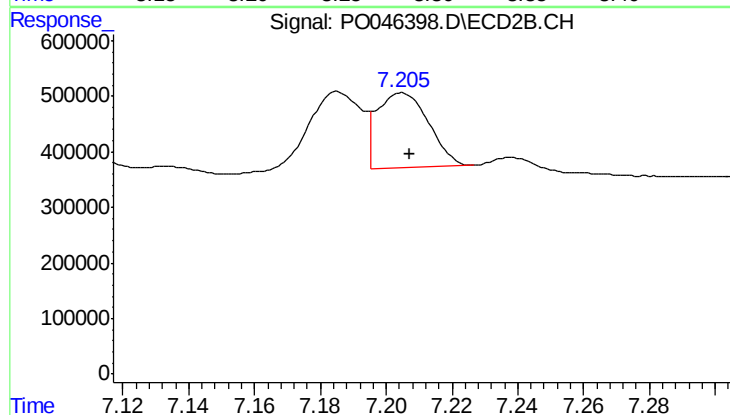
R.T.: 6.966 min  
Delta R.T.: -0.002 min  
Response: 725483  
Conc: 100.06 ng/ml



#40 AR-1262-5

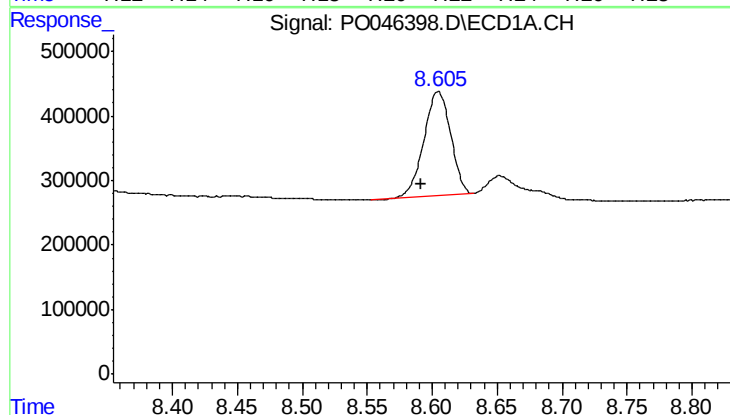
R.T.: 8.286 min  
Delta R.T.: -0.002 min  
Response: 3255129  
Conc: 117.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



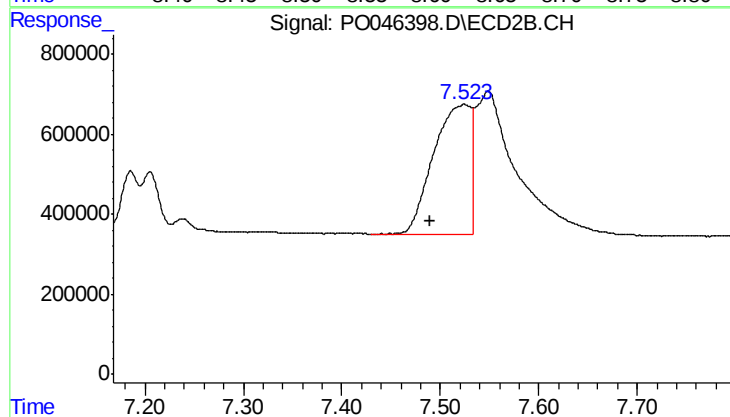
#40 AR-1262-5

R.T.: 7.205 min  
Delta R.T.: -0.002 min  
Response: 1484566  
Conc: 109.02 ng/ml



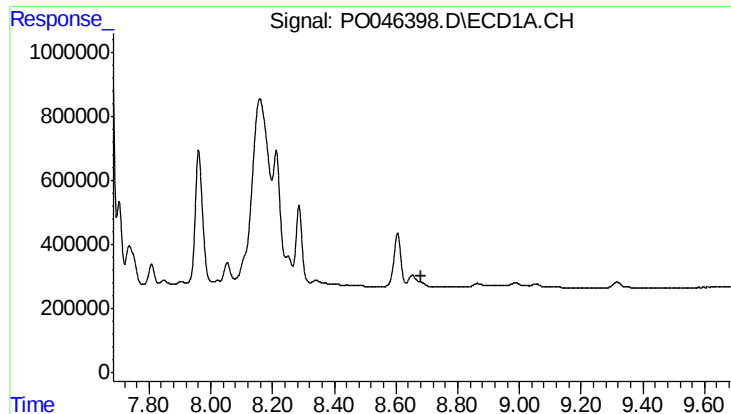
#41 AR-1268-1

R.T.: 8.605 min  
Delta R.T.: 0.013 min  
Response: 2319671  
Conc: 80.17 ng/ml



#41 AR-1268-1

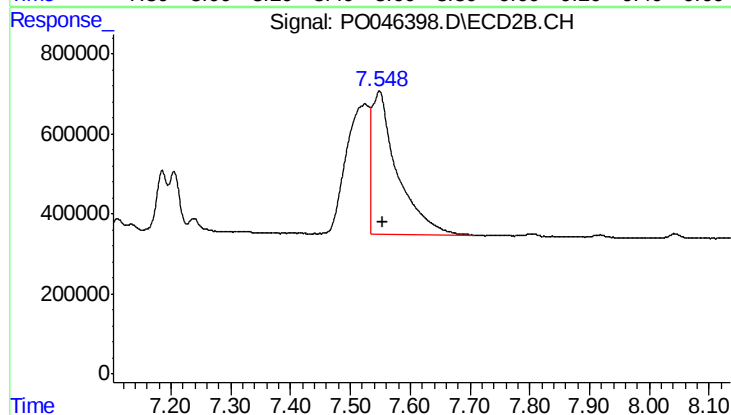
R.T.: 7.524 min  
Delta R.T.: 0.034 min  
Response: 8632361  
Conc: 629.69 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.684 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



#42 AR-1268-2

R.T.: 7.549 min  
Delta R.T.: -0.005 min  
Response: 10599973  
Conc: 831.36 ng/ml