

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0051119\  
 Data File : P0056102.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 May 2019 16:49  
 Operator : SM/SJ  
 Sample : K2766-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 11 23:50:13 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0050319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri May 03 15:20:04 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1 | Resp#2 | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|--------|--------|---------|----------|
| -----                       |                 |       |       |        |        |         |          |
| System Monitoring Compounds |                 |       |       |        |        |         |          |
| 1)                          | SA Tetrachlo... | 4.266 | 3.582 | 797342 | 761125 | 26.644  | 26.949   |
| 2)                          | SA Decachlor... | 9.855 | 8.527 | 804377 | 522786 | 21.498  | 19.332   |
|                             |                 |       |       |        |        |         |          |
| Target Compounds            |                 |       |       |        |        |         |          |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.885 | 0      | 21094  | N.D.    | 21.049 # |
| 6)                          | L1 AR-1016-4    | 5.610 | 4.885 | 53359  | 21094  | 51.050  | 25.925 # |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.096 | 0      | 21808  | N.D.    | 19.810 # |
| 8)                          | L2 AR-1221-1    | 0.000 | 3.844 | 0      | 17657  | N.D.    | 48.093 # |
| 9)                          | L2 AR-1221-2    | 0.000 | 3.844 | 0      | 17657  | N.D.    | 63.663 # |
| 12)                         | L3 AR-1232-2    | 5.112 | 0.000 | 33271  | 0      | 68.583  | N.D. #   |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.885 | 0      | 21094  | N.D.    | 43.975 # |
| 14)                         | L3 AR-1232-4    | 5.610 | 4.885 | 53359  | 21094  | 104.926 | 49.660 # |
| 15)                         | L3 AR-1232-5    | 5.699 | 5.096 | 227912 | 21808  | 524.933 | 45.001 # |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.885 | 0      | 21094  | N.D.    | 24.357 # |
| 19)                         | L4 AR-1242-4    | 5.610 | 4.885 | 53359  | 21094  | 59.299  | 25.180 # |
| 20)                         | L4 AR-1242-5    | 6.340 | 5.445 | 32029  | 87052  | 29.278  | 72.520 # |
| 22)                         | L5 AR-1248-2    | 5.699 | 4.885 | 227912 | 21094  | 170.898 | 19.198 # |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.885 | 0      | 21094  | N.D.    | 18.582 # |
| 24)                         | L5 AR-1248-4    | 6.301 | 5.096 | 35943  | 21808  | 20.613  | 15.531   |
| 25)                         | L5 AR-1248-5    | 6.340 | 5.492 | 32029  | 25647  | 19.175  | 17.124   |
| 26)                         | L6 AR-1254-1    | 6.274 | 5.445 | 71640  | 87052  | 34.117  | 32.527   |
| 27)                         | L6 AR-1254-2    | 6.492 | 5.591 | 173094 | 101017 | 52.155  | 41.355   |
| 28)                         | L6 AR-1254-3    | 6.859 | 5.993 | 189370 | 272713 | 52.089  | 68.735 # |
| 29)                         | L6 AR-1254-4    | 7.140 | 6.219 | 86854  | 70268  | 31.923  | 26.208   |
| 30)                         | L6 AR-1254-5    | 7.557 | 6.632 | 351379 | 342197 | 122.597 | 94.564   |
| 31)                         | L7 AR-1260-1    | 7.017 | 6.120 | 207533 | 239185 | 96.103  | 108.563  |
| 32)                         | L7 AR-1260-2    | 7.273 | 6.306 | 321700 | 200176 | 122.838 | 65.555 # |
| 33)                         | L7 AR-1260-3    | 7.630 | 6.459 | 173830 | 110985 | 86.916  | 44.536 # |
| 34)                         | L7 AR-1260-4    | 7.854 | 6.926 | 265430 | 133805 | 114.775 | 64.845 # |
| 35)                         | L7 AR-1260-5    | 8.163 | 7.168 | 324058 | 427055 | 76.387  | 85.032   |
| 36)                         | L8 AR-1262-1    | 7.630 | 6.668 | 173830 | 182407 | 54.223  | 44.481   |
| 37)                         | L8 AR-1262-2    | 8.163 | 7.168 | 324058 | 427055 | 60.360  | 68.298   |
| 38)                         | L8 AR-1262-3    | 8.474 | 7.448 | 200757 | 94368  | 55.322  | 38.315 # |
| 39)                         | L8 AR-1262-4    | 8.524 | 7.512 | 102010 | 219665 | 37.571  | 53.643 # |
| 40)                         | L8 AR-1262-5    | 9.162 | 8.005 | 76128  | 71787  | 42.141  | 42.125   |
| 41)                         | L9 AR-1268-1    | 8.474 | 7.448 | 200757 | 94368  | 33.244  | 13.620 # |
| 42)                         | L9 AR-1268-2    | 8.524 | 7.512 | 102010 | 219665 | 18.636  | 38.611 # |
| 44)                         | L9 AR-1268-4    | 9.162 | 8.005 | 76128  | 71787  | 38.797  | 37.948   |
| 45)                         | L9 AR-1268-5    | 0.000 | 8.284 | 0      | 18140  | N.D.    | 1.490 #  |
| -----                       |                 |       |       |        |        |         |          |

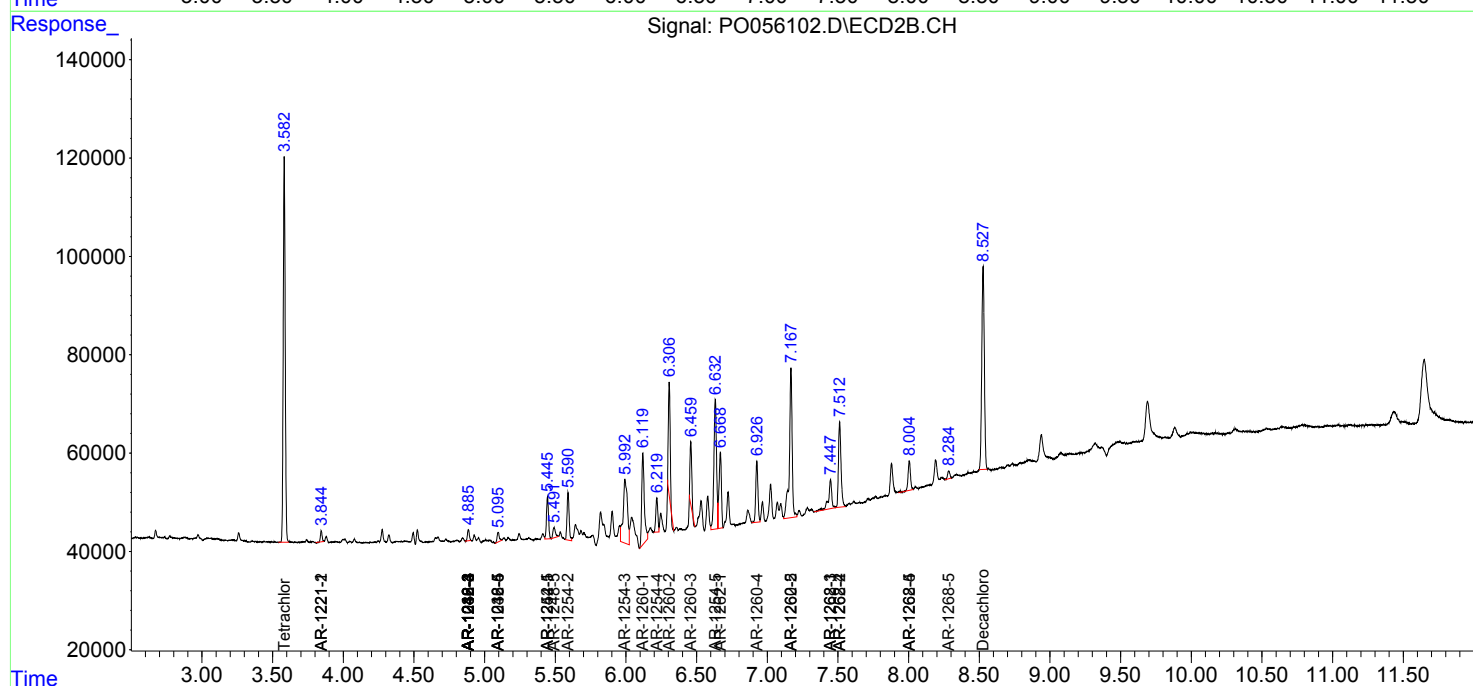
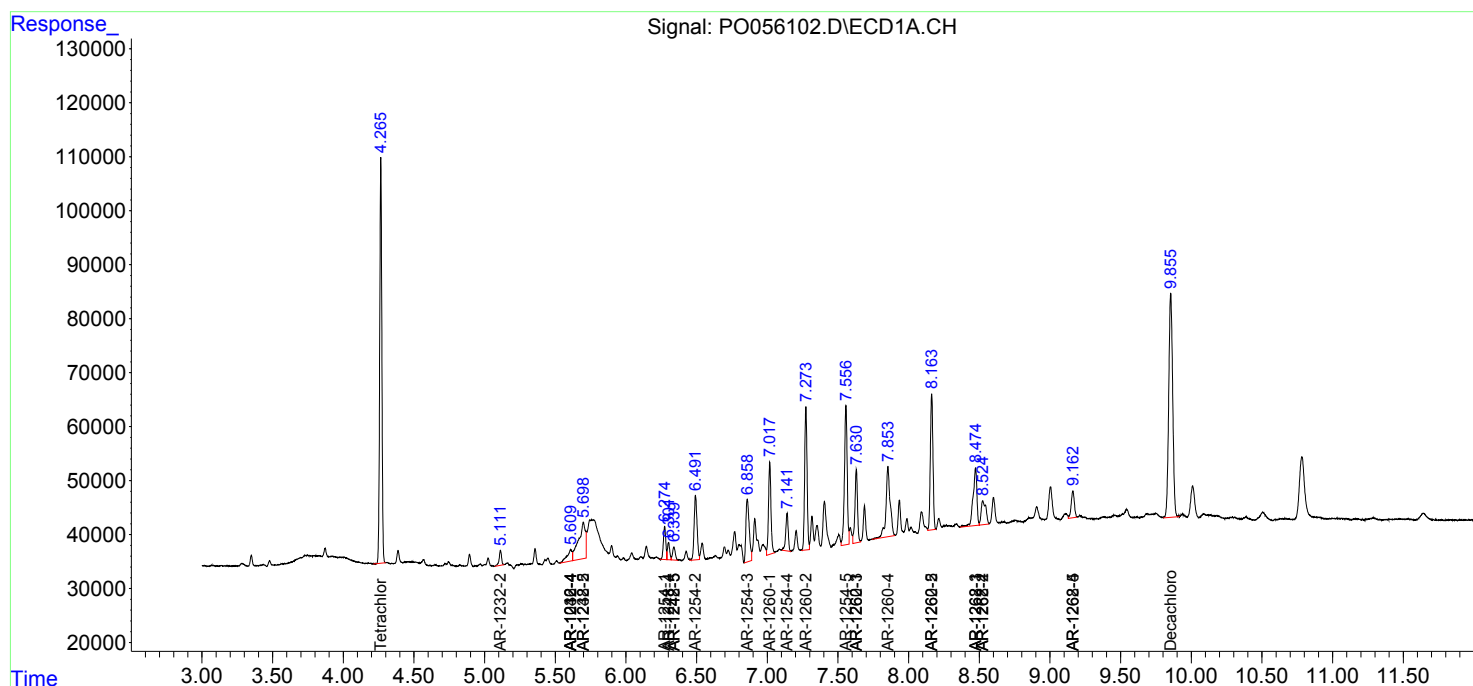
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

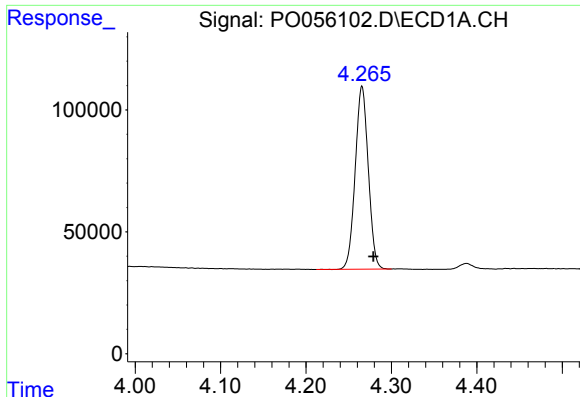
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO051119\  
Data File : PO056102.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 May 2019 16:49  
Operator : SM/SJ  
Sample : K2766-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 11 23:50:13 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO050319.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri May 03 15:20:04 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

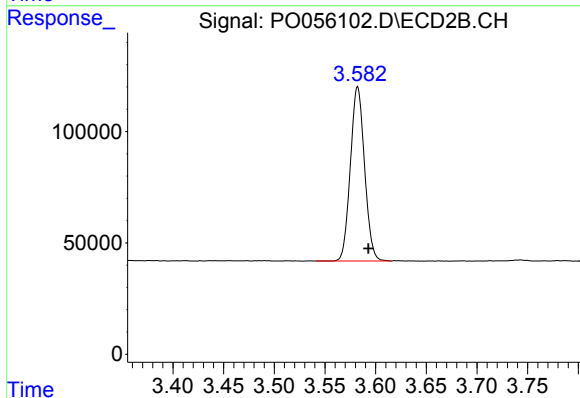




#1 Tetrachloro-m-xylene

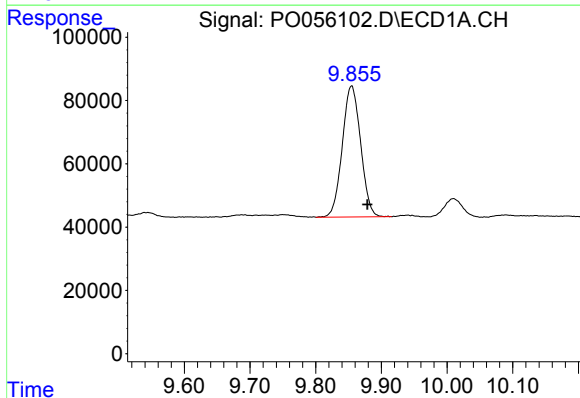
R.T.: 4.266 min  
Delta R.T.: -0.013 min  
Response: 797342  
Conc: 26.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



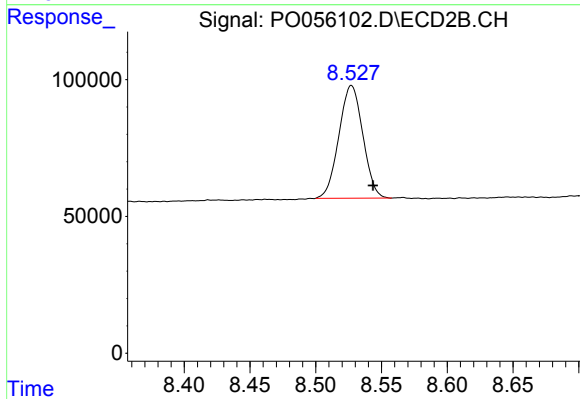
#1 Tetrachloro-m-xylene

R.T.: 3.582 min  
Delta R.T.: -0.011 min  
Response: 761125  
Conc: 26.95 ng/ml



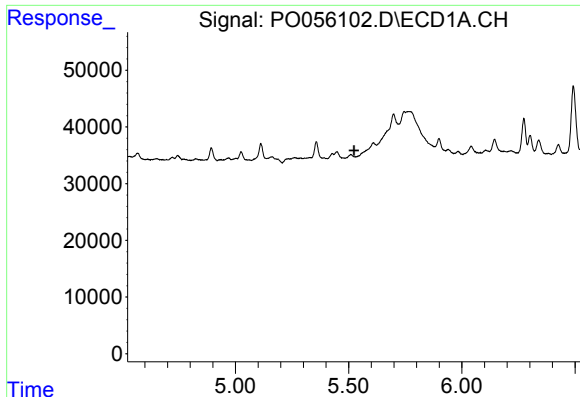
#2 Decachlorobiphenyl

R.T.: 9.855 min  
Delta R.T.: -0.024 min  
Response: 804377  
Conc: 21.50 ng/ml



#2 Decachlorobiphenyl

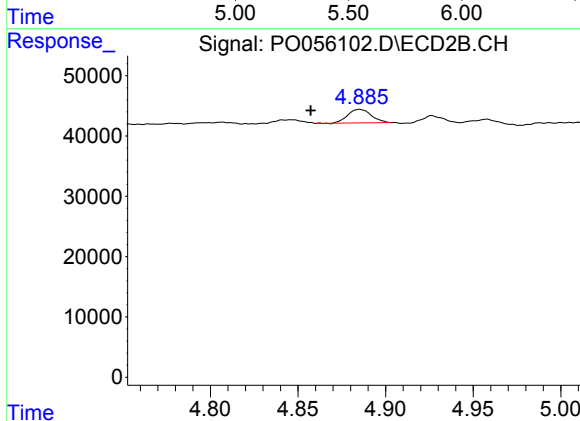
R.T.: 8.527 min  
Delta R.T.: -0.016 min  
Response: 522786  
Conc: 19.33 ng/ml



#5 AR-1016-3

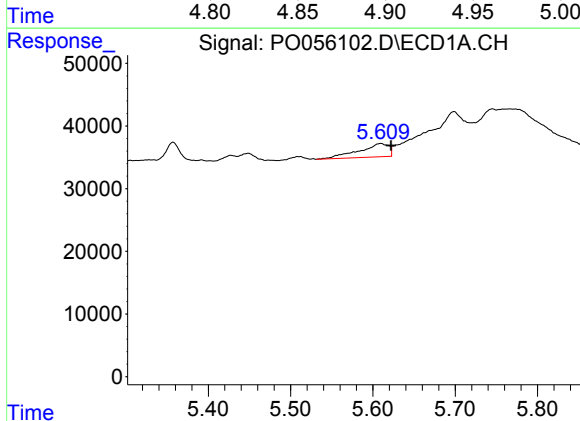
R.T.: 0.000 min  
Exp R.T.: 5.524 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



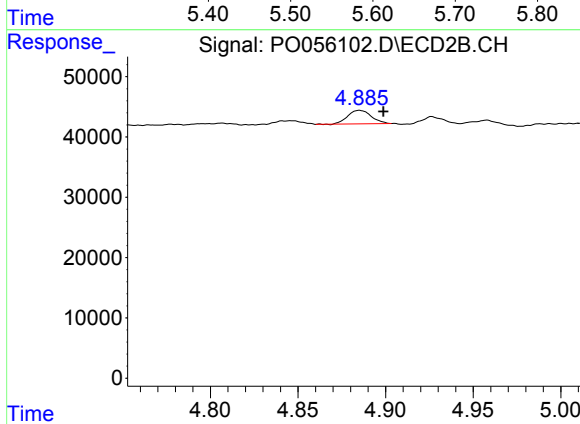
#5 AR-1016-3

R.T.: 4.885 min  
Delta R.T.: 0.028 min  
Response: 21094  
Conc: 21.05 ng/ml



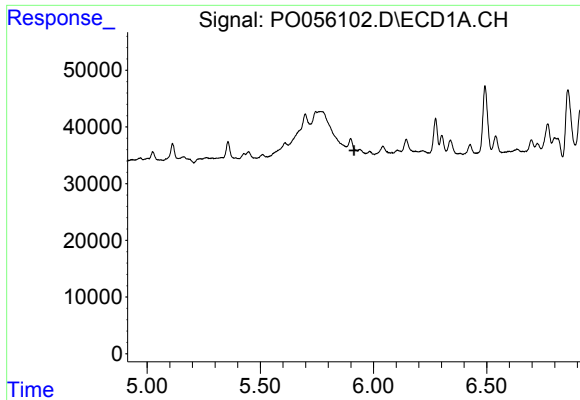
#6 AR-1016-4

R.T.: 5.610 min  
Delta R.T.: -0.012 min  
Response: 53359  
Conc: 51.05 ng/ml



#6 AR-1016-4

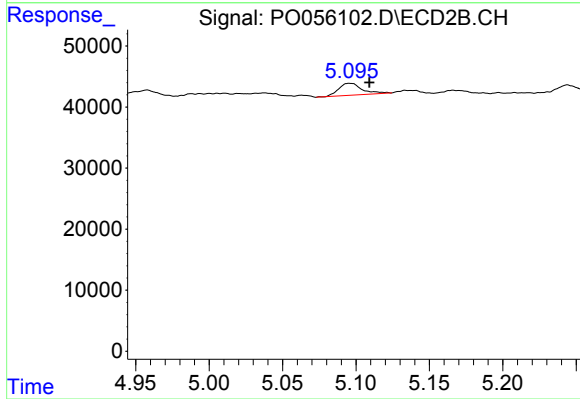
R.T.: 4.885 min  
Delta R.T.: -0.014 min  
Response: 21094  
Conc: 25.93 ng/ml



#7 AR-1016-5

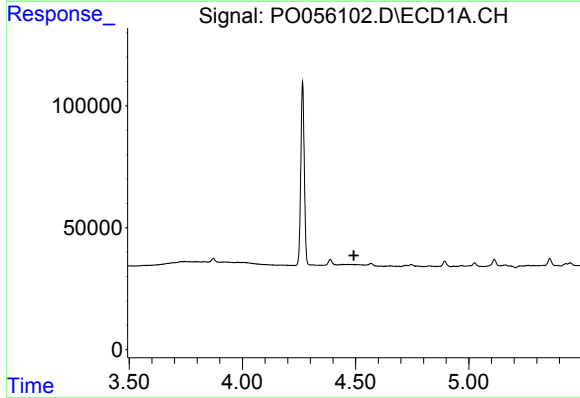
R.T.: 0.000 min  
Exp R.T.: 5.914 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



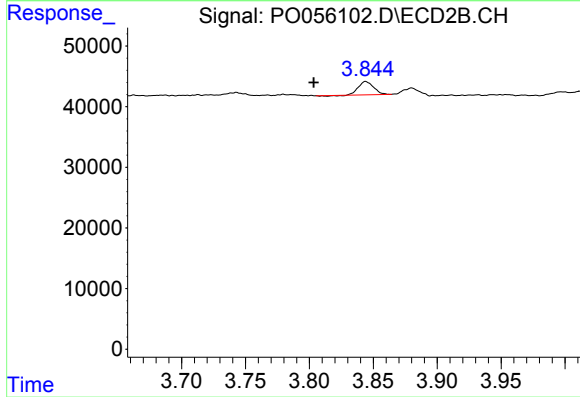
#7 AR-1016-5

R.T.: 5.096 min  
Delta R.T.: -0.014 min  
Response: 21808  
Conc: 19.81 ng/ml



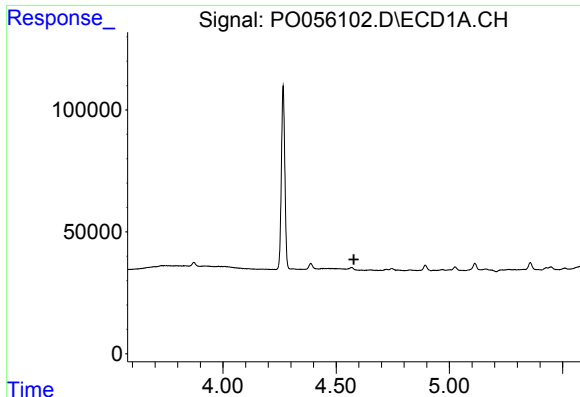
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 4.492 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

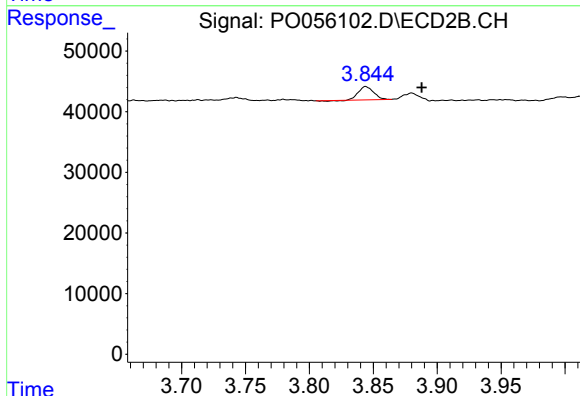
R.T.: 3.844 min  
Delta R.T.: 0.040 min  
Response: 17657  
Conc: 48.09 ng/ml



#9 AR-1221-2

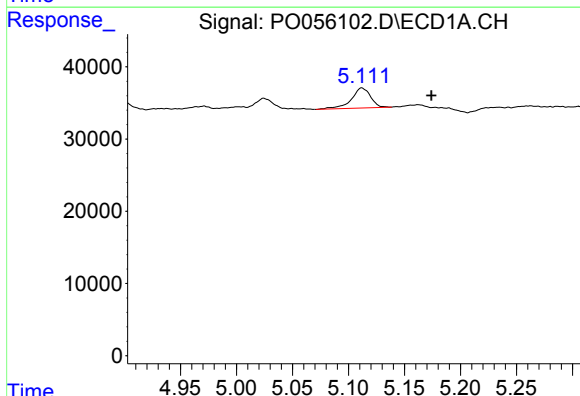
R.T.: 0.000 min  
Exp R.T.: 4.578 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



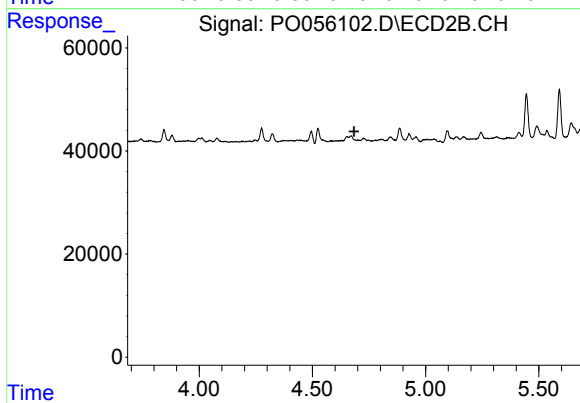
#9 AR-1221-2

R.T.: 3.844 min  
Delta R.T.: -0.044 min  
Response: 17657  
Conc: 63.66 ng/ml



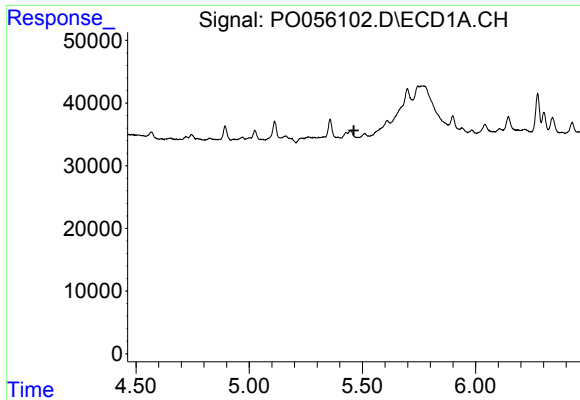
#12 AR-1232-2

R.T.: 5.112 min  
Delta R.T.: -0.062 min  
Response: 33271  
Conc: 68.58 ng/ml



#12 AR-1232-2

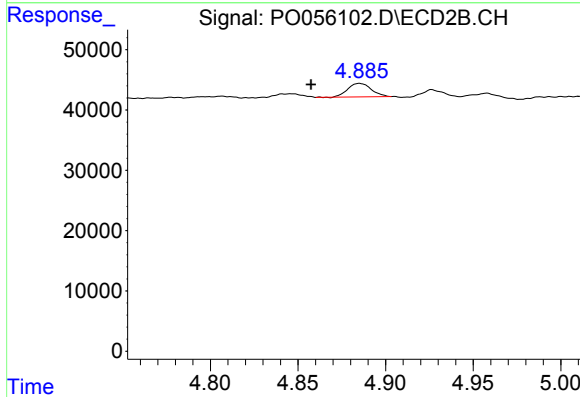
R.T.: 0.000 min  
Exp R.T.: 4.684 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

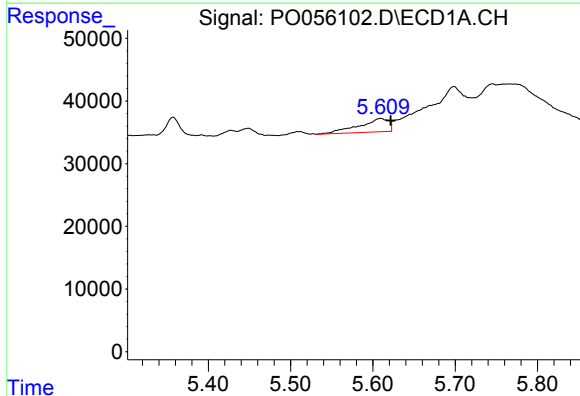
R.T.: 0.000 min  
Exp R.T.: 5.462 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



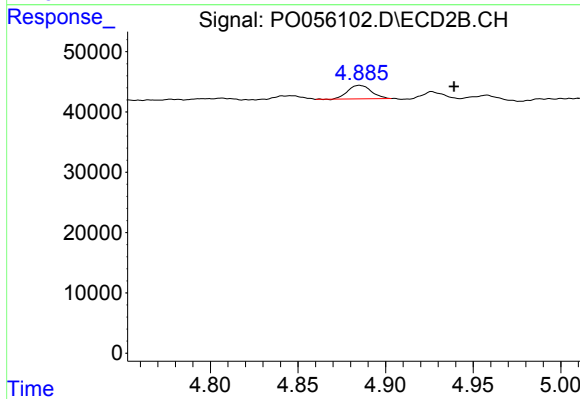
#13 AR-1232-3

R.T.: 4.885 min  
Delta R.T.: 0.028 min  
Response: 21094  
Conc: 43.98 ng/ml



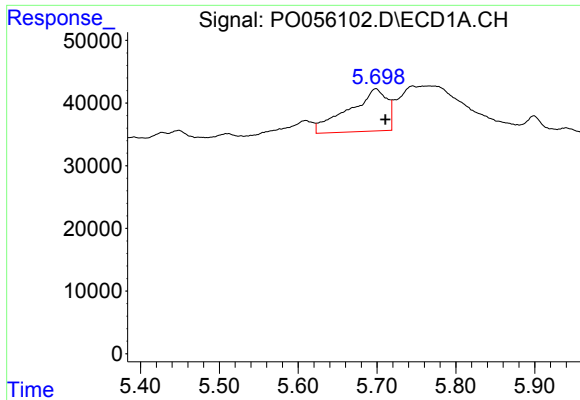
#14 AR-1232-4

R.T.: 5.610 min  
Delta R.T.: -0.012 min  
Response: 53359  
Conc: 104.93 ng/ml



#14 AR-1232-4

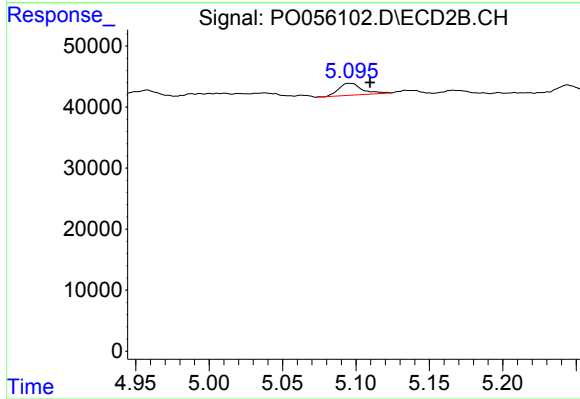
R.T.: 4.885 min  
Delta R.T.: -0.054 min  
Response: 21094  
Conc: 49.66 ng/ml



#15 AR-1232-5

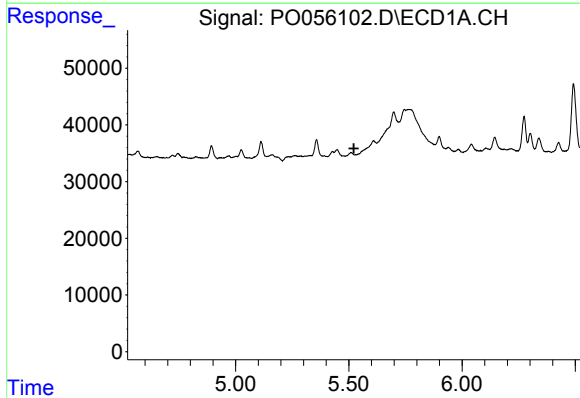
R.T.: 5.699 min  
Delta R.T.: -0.012 min  
Response: 227912  
Conc: 524.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



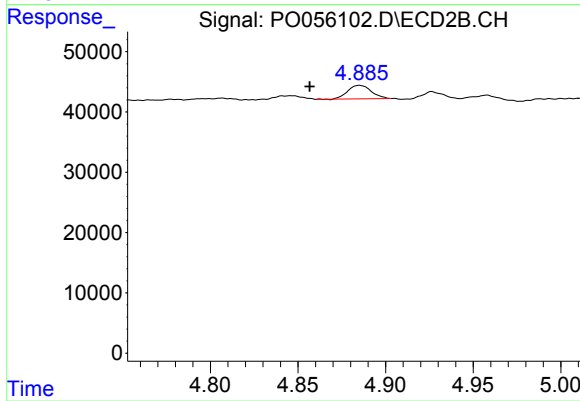
#15 AR-1232-5

R.T.: 5.096 min  
Delta R.T.: -0.014 min  
Response: 21808  
Conc: 45.00 ng/ml



#18 AR-1242-3

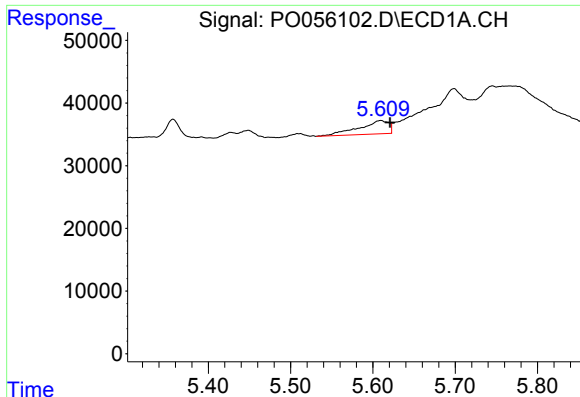
R.T.: 0.000 min  
Exp R.T. : 5.522 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

R.T.: 4.885 min  
Delta R.T.: 0.028 min  
Response: 21094  
Conc: 24.36 ng/ml

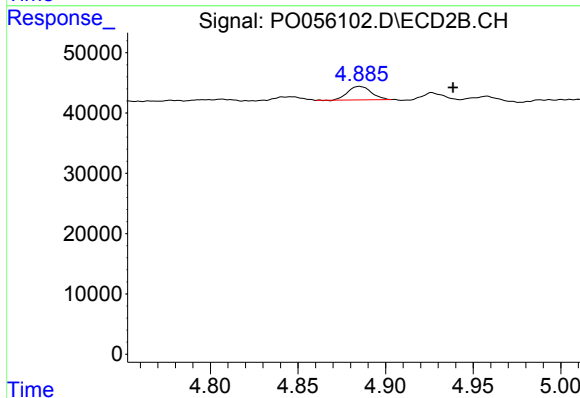




#19 AR-1242-4

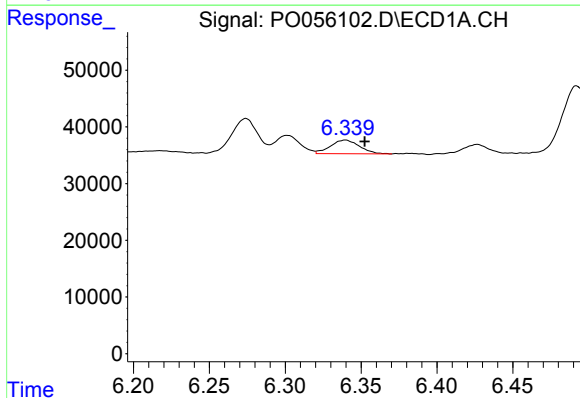
R.T.: 5.610 min  
Delta R.T.: -0.011 min  
Response: 53359  
Conc: 59.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



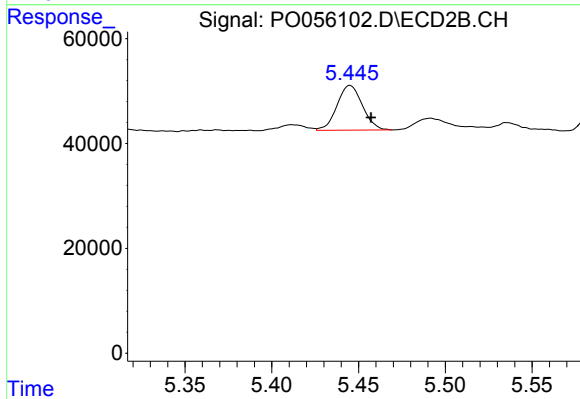
#19 AR-1242-4

R.T.: 4.885 min  
Delta R.T.: -0.053 min  
Response: 21094  
Conc: 25.18 ng/ml



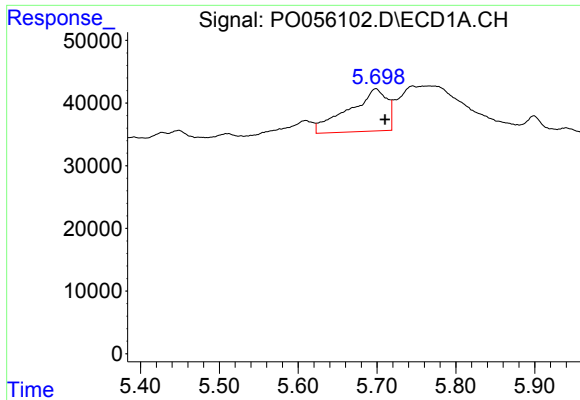
#20 AR-1242-5

R.T.: 6.340 min  
Delta R.T.: -0.013 min  
Response: 32029  
Conc: 29.28 ng/ml



#20 AR-1242-5

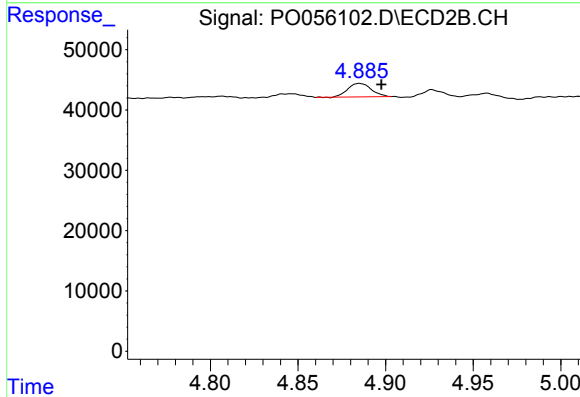
R.T.: 5.445 min  
Delta R.T.: -0.012 min  
Response: 87052  
Conc: 72.52 ng/ml



#22 AR-1248-2

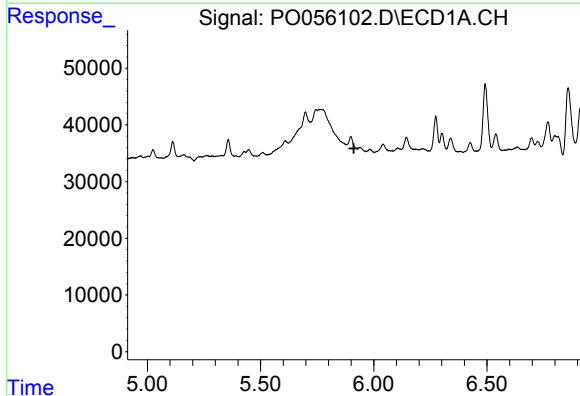
R.T.: 5.699 min  
Delta R.T.: -0.011 min  
Response: 227912  
Conc: 170.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



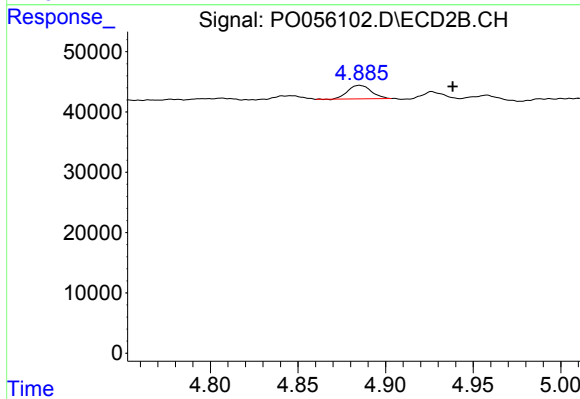
#22 AR-1248-2

R.T.: 4.885 min  
Delta R.T.: -0.012 min  
Response: 21094  
Conc: 19.20 ng/ml



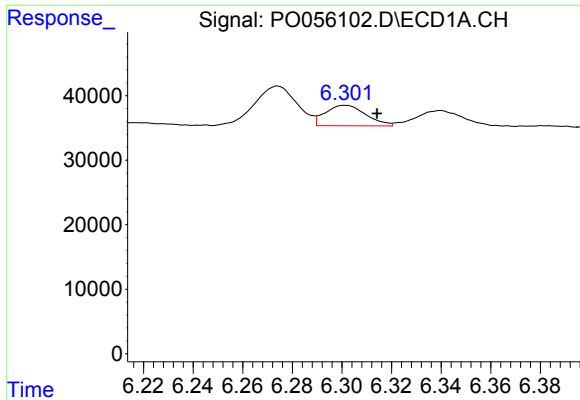
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.912 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

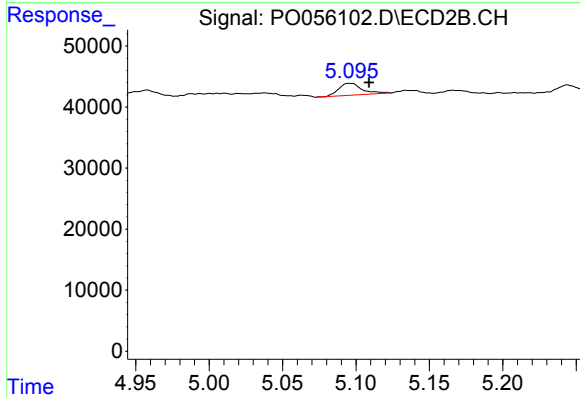
R.T.: 4.885 min  
Delta R.T.: -0.053 min  
Response: 21094  
Conc: 18.58 ng/ml



#24 AR-1248-4

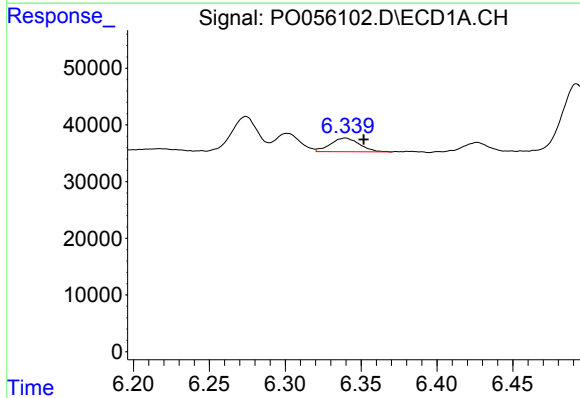
R.T.: 6.301 min  
Delta R.T.: -0.013 min  
Response: 35943  
Conc: 20.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



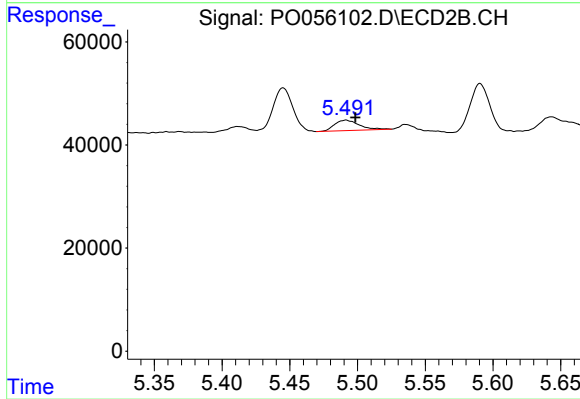
#24 AR-1248-4

R.T.: 5.096 min  
Delta R.T.: -0.013 min  
Response: 21808  
Conc: 15.53 ng/ml



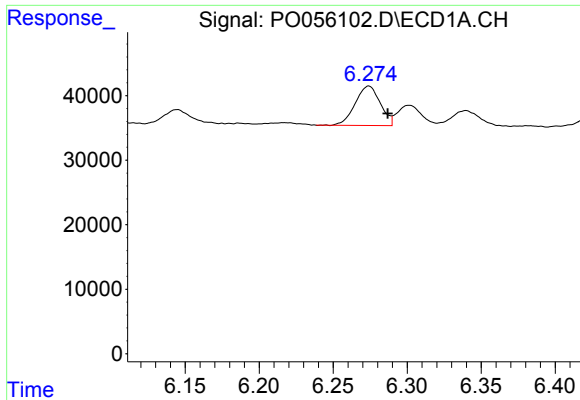
#25 AR-1248-5

R.T.: 6.340 min  
Delta R.T.: -0.012 min  
Response: 32029  
Conc: 19.18 ng/ml



#25 AR-1248-5

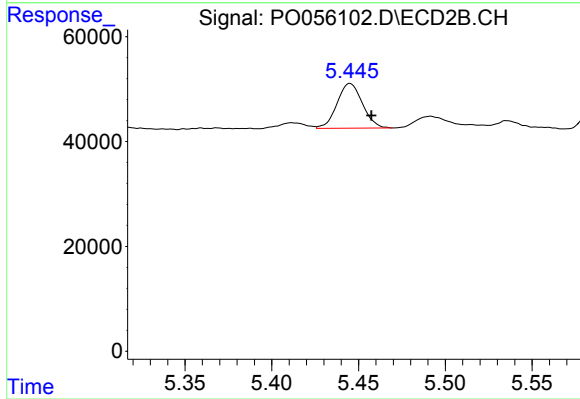
R.T.: 5.492 min  
Delta R.T.: -0.007 min  
Response: 25647  
Conc: 17.12 ng/ml



#26 AR-1254-1

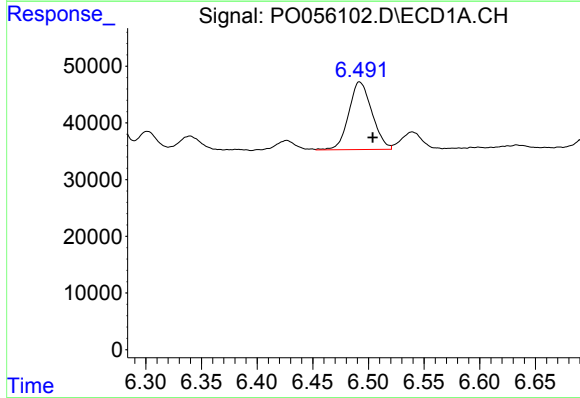
R.T.: 6.274 min  
Delta R.T.: -0.013 min  
Response: 71640  
Conc: 34.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



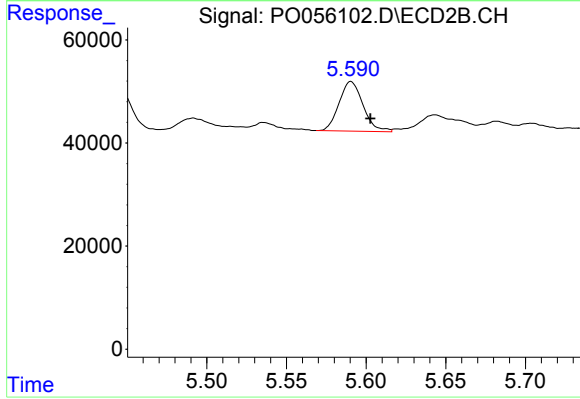
#26 AR-1254-1

R.T.: 5.445 min  
Delta R.T.: -0.012 min  
Response: 87052  
Conc: 32.53 ng/ml



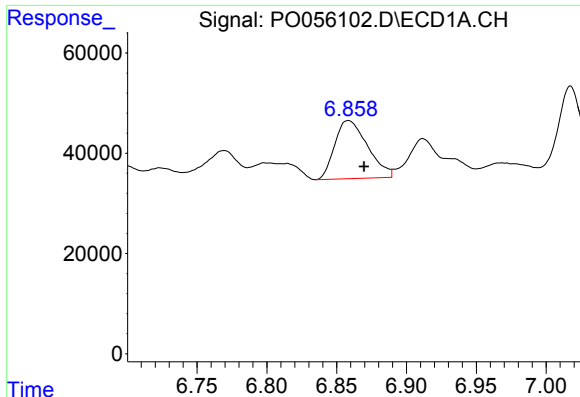
#27 AR-1254-2

R.T.: 6.492 min  
Delta R.T.: -0.012 min  
Response: 173094  
Conc: 52.16 ng/ml



#27 AR-1254-2

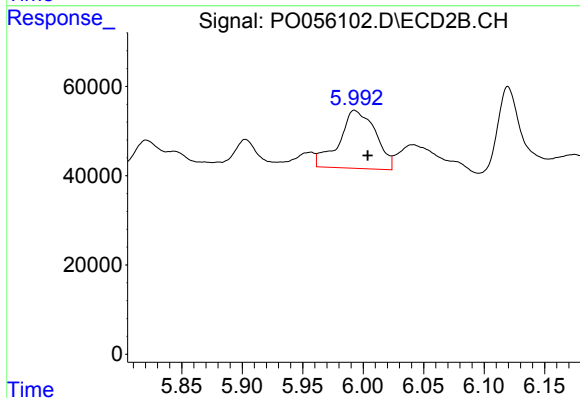
R.T.: 5.591 min  
Delta R.T.: -0.012 min  
Response: 101017  
Conc: 41.35 ng/ml



#28 AR-1254-3

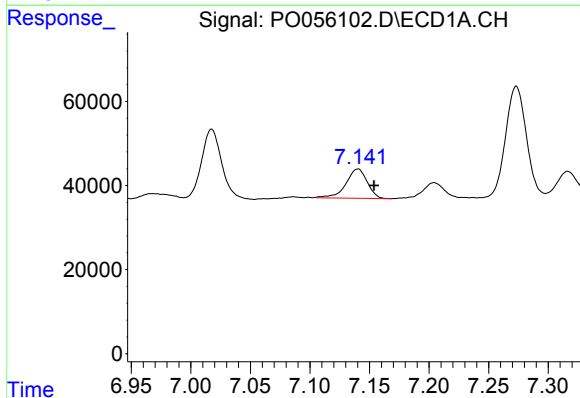
R.T.: 6.859 min  
Delta R.T.: -0.011 min  
Response: 189370  
Conc: 52.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



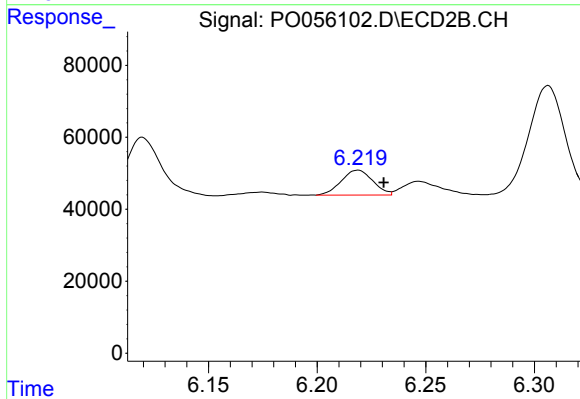
#28 AR-1254-3

R.T.: 5.993 min  
Delta R.T.: -0.011 min  
Response: 272713  
Conc: 68.73 ng/ml



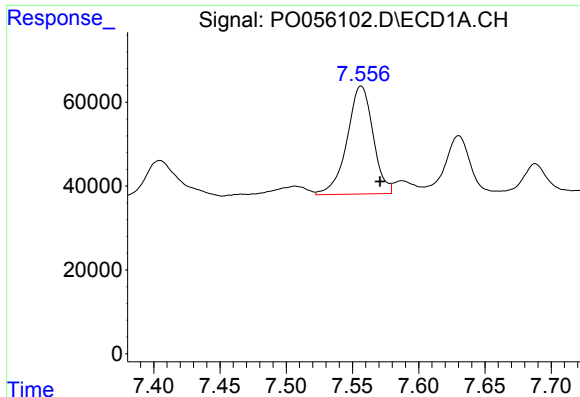
#29 AR-1254-4

R.T.: 7.140 min  
Delta R.T.: -0.014 min  
Response: 86854  
Conc: 31.92 ng/ml



#29 AR-1254-4

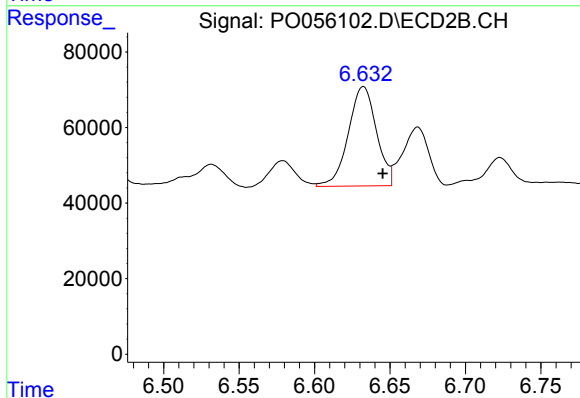
R.T.: 6.219 min  
Delta R.T.: -0.012 min  
Response: 70268  
Conc: 26.21 ng/ml



#30 AR-1254-5

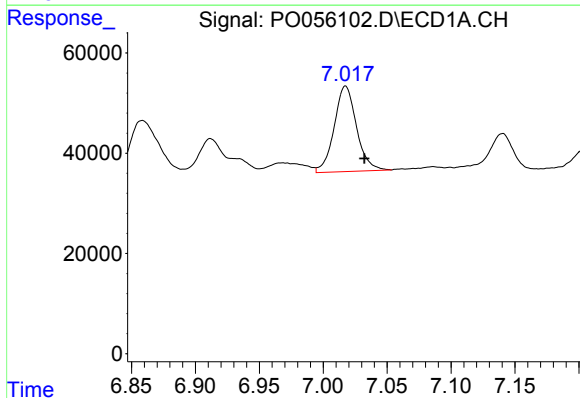
R.T.: 7.557 min  
Delta R.T.: -0.014 min  
Response: 351379  
Conc: 122.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



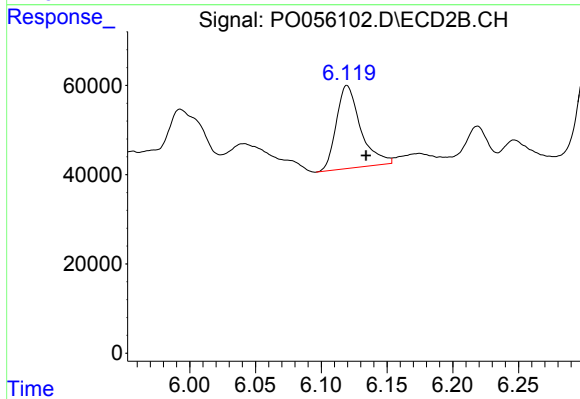
#30 AR-1254-5

R.T.: 6.632 min  
Delta R.T.: -0.013 min  
Response: 342197  
Conc: 94.56 ng/ml



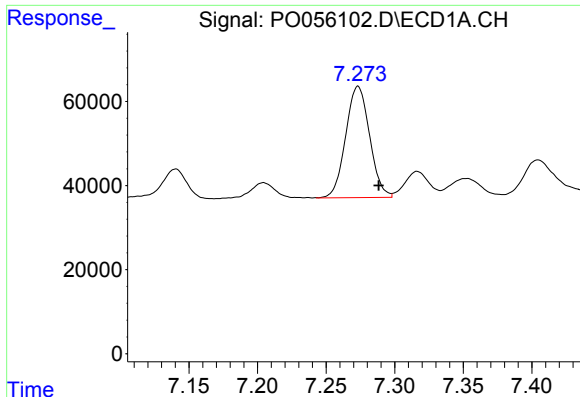
#31 AR-1260-1

R.T.: 7.017 min  
Delta R.T.: -0.015 min  
Response: 207533  
Conc: 96.10 ng/ml



#31 AR-1260-1

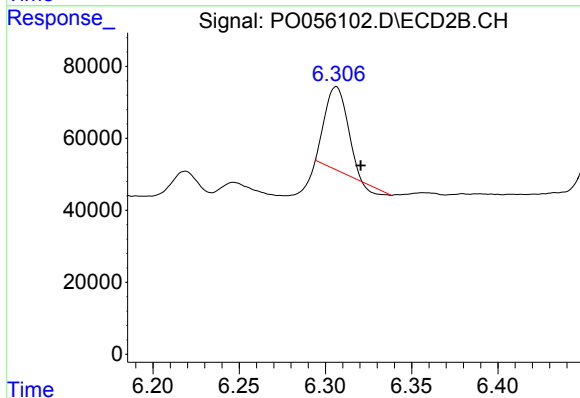
R.T.: 6.120 min  
Delta R.T.: -0.015 min  
Response: 239185  
Conc: 108.56 ng/ml



#32 AR-1260-2

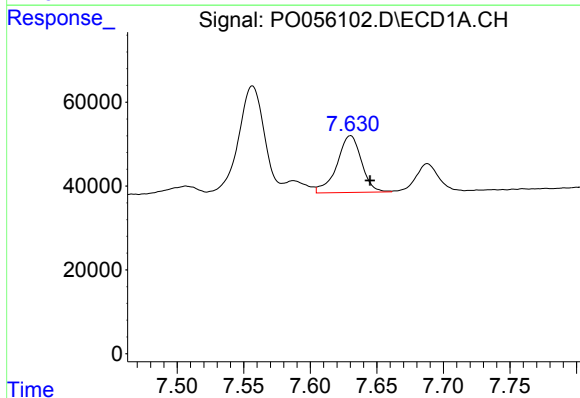
R.T.: 7.273 min  
Delta R.T.: -0.015 min  
Response: 321700  
Conc: 122.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



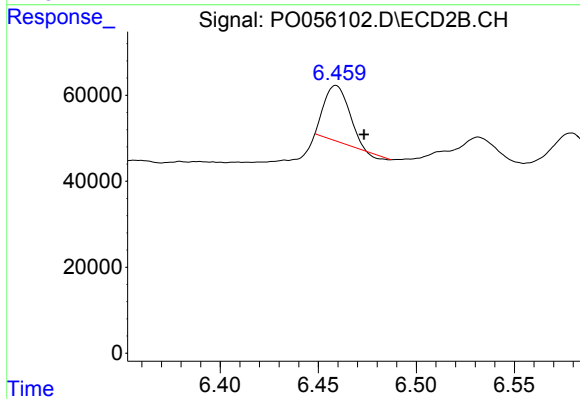
#32 AR-1260-2

R.T.: 6.306 min  
Delta R.T.: -0.014 min  
Response: 200176  
Conc: 65.55 ng/ml



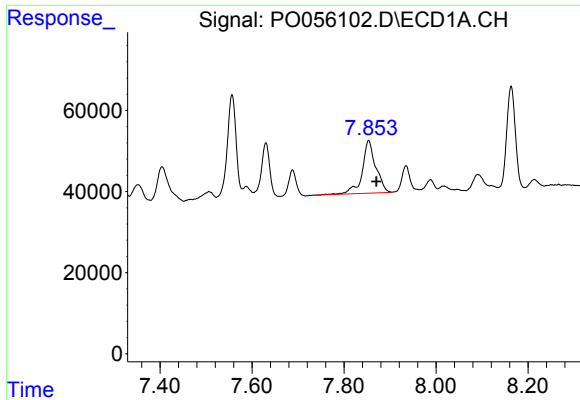
#33 AR-1260-3

R.T.: 7.630 min  
Delta R.T.: -0.015 min  
Response: 173830  
Conc: 86.92 ng/ml



#33 AR-1260-3

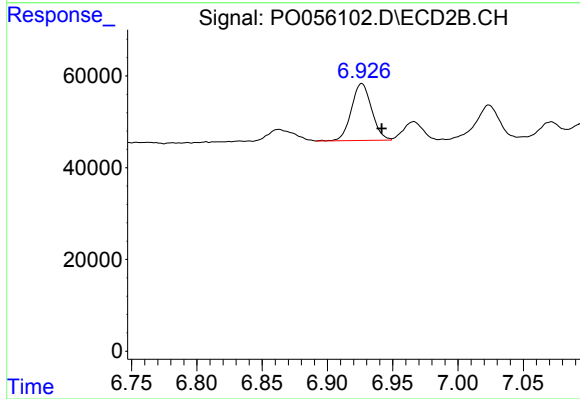
R.T.: 6.459 min  
Delta R.T.: -0.014 min  
Response: 110985  
Conc: 44.54 ng/ml



#34 AR-1260-4

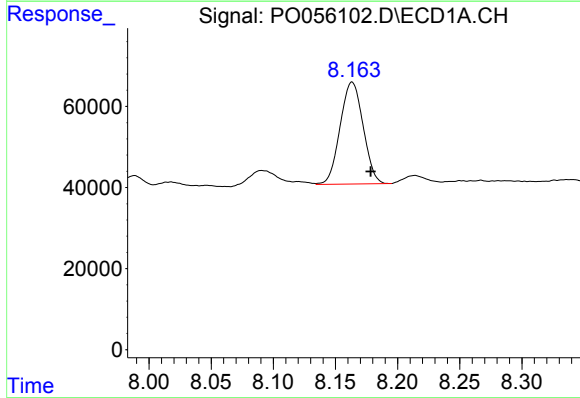
R.T.: 7.854 min  
Delta R.T.: -0.017 min  
Response: 265430  
Conc: 114.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



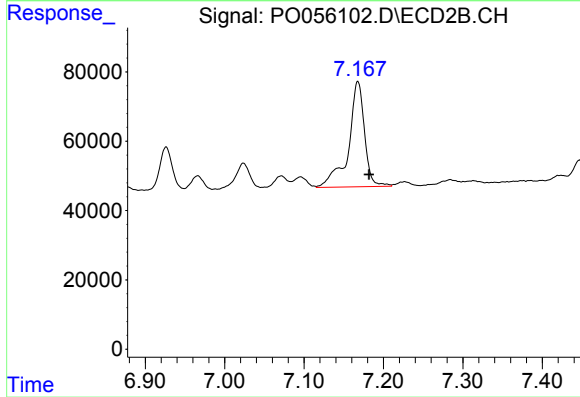
#34 AR-1260-4

R.T.: 6.926 min  
Delta R.T.: -0.015 min  
Response: 133805  
Conc: 64.84 ng/ml



#35 AR-1260-5

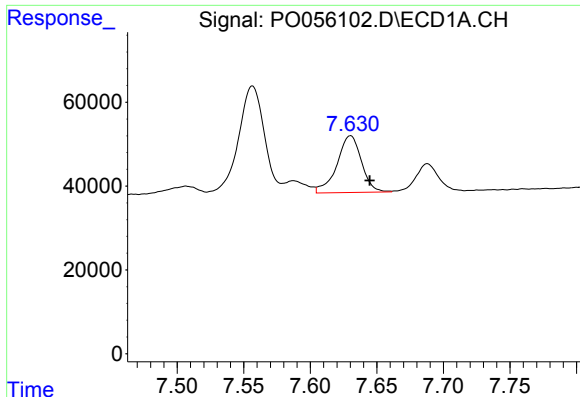
R.T.: 8.163 min  
Delta R.T.: -0.015 min  
Response: 324058  
Conc: 76.39 ng/ml



#35 AR-1260-5

R.T.: 7.168 min  
Delta R.T.: -0.014 min  
Response: 427055  
Conc: 85.03 ng/ml

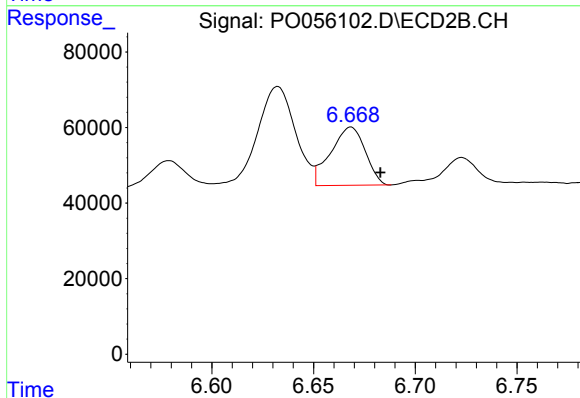




#36 AR-1262-1

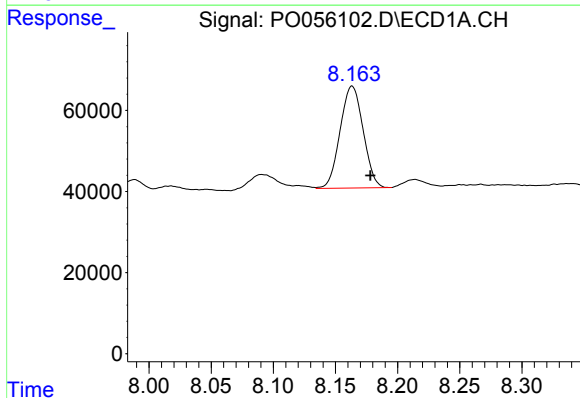
R.T.: 7.630 min  
Delta R.T.: -0.014 min  
Response: 173830  
Conc: 54.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



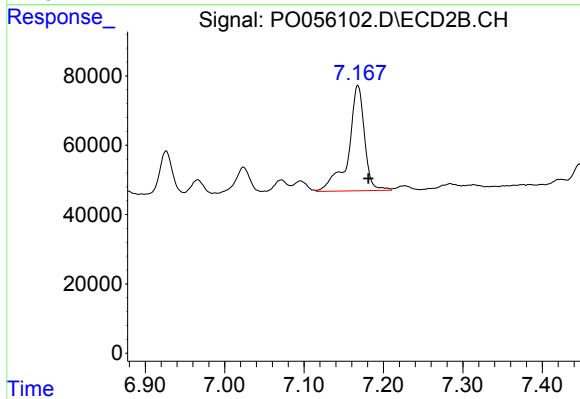
#36 AR-1262-1

R.T.: 6.668 min  
Delta R.T.: -0.014 min  
Response: 182407  
Conc: 44.48 ng/ml



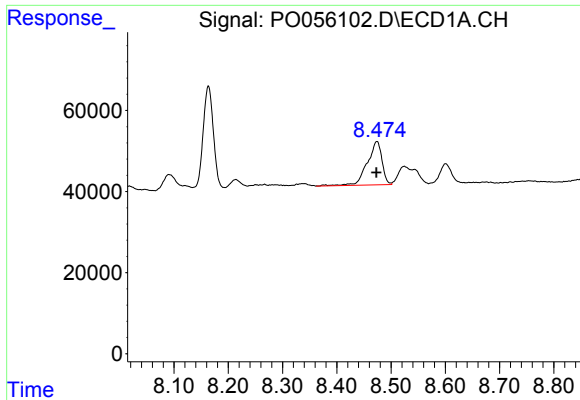
#37 AR-1262-2

R.T.: 8.163 min  
Delta R.T.: -0.015 min  
Response: 324058  
Conc: 60.36 ng/ml



#37 AR-1262-2

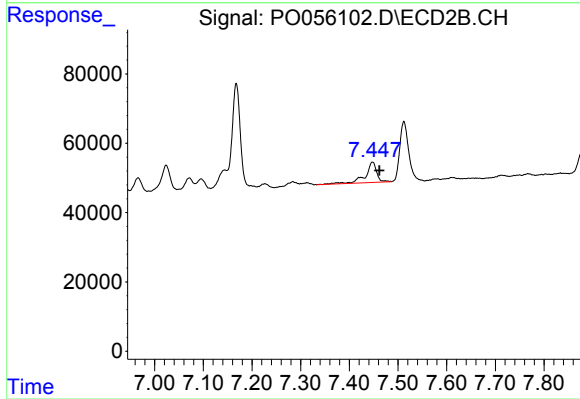
R.T.: 7.168 min  
Delta R.T.: -0.013 min  
Response: 427055  
Conc: 68.30 ng/ml



#38 AR-1262-3

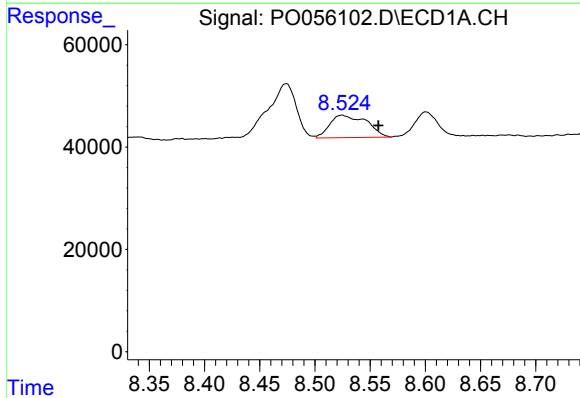
R.T.: 8.474 min  
Delta R.T.: 0.001 min  
Response: 200757  
Conc: 55.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



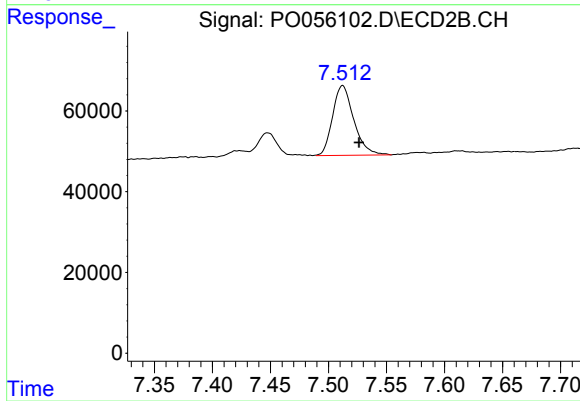
#38 AR-1262-3

R.T.: 7.448 min  
Delta R.T.: -0.014 min  
Response: 94368  
Conc: 38.31 ng/ml



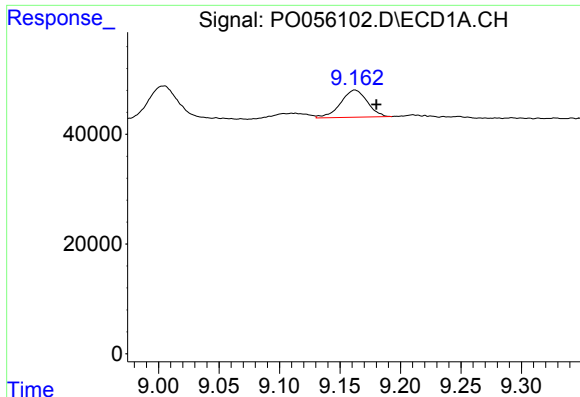
#39 AR-1262-4

R.T.: 8.524 min  
Delta R.T.: -0.033 min  
Response: 102010  
Conc: 37.57 ng/ml



#39 AR-1262-4

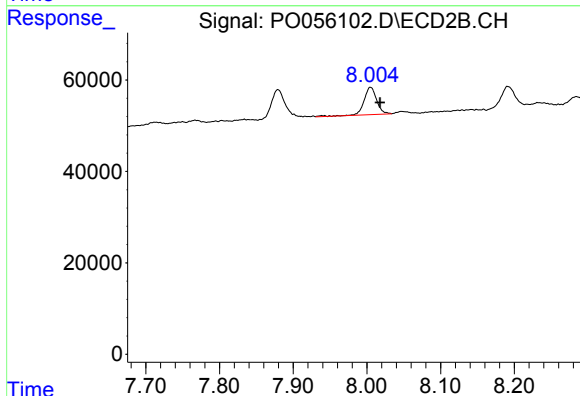
R.T.: 7.512 min  
Delta R.T.: -0.014 min  
Response: 219665  
Conc: 53.64 ng/ml



#40 AR-1262-5

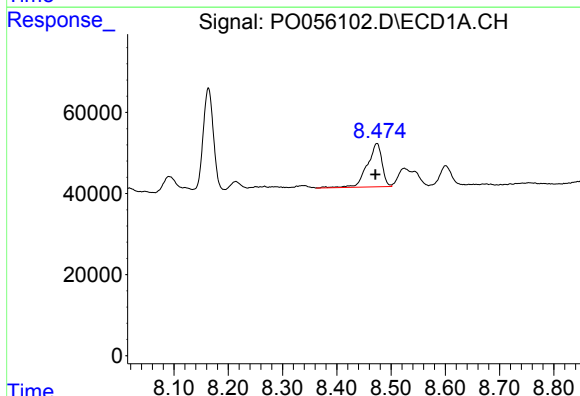
R.T.: 9.162 min  
Delta R.T.: -0.018 min  
Response: 76128  
Conc: 42.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



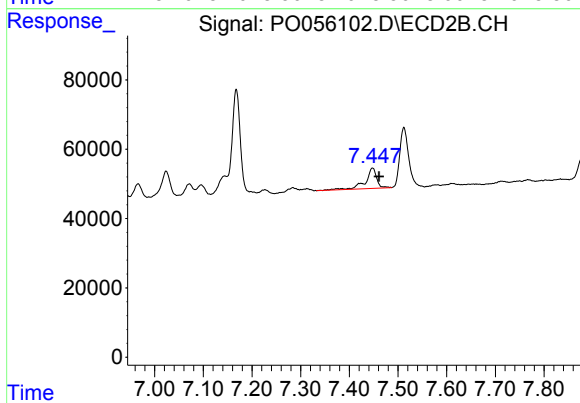
#40 AR-1262-5

R.T.: 8.005 min  
Delta R.T.: -0.013 min  
Response: 71787  
Conc: 42.13 ng/ml



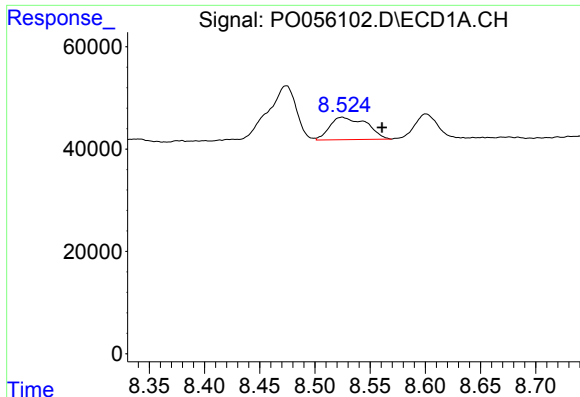
#41 AR-1268-1

R.T.: 8.474 min  
Delta R.T.: 0.003 min  
Response: 200757  
Conc: 33.24 ng/ml



#41 AR-1268-1

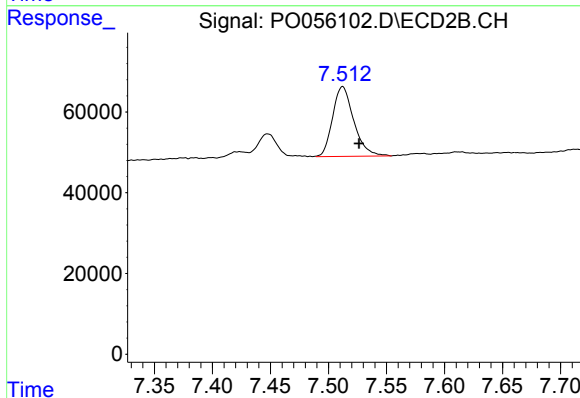
R.T.: 7.448 min  
Delta R.T.: -0.014 min  
Response: 94368  
Conc: 13.62 ng/ml



#42 AR-1268-2

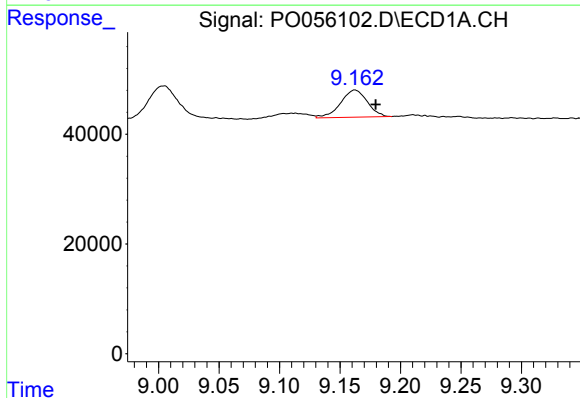
R.T.: 8.524 min  
Delta R.T.: -0.036 min  
Response: 102010  
Conc: 18.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



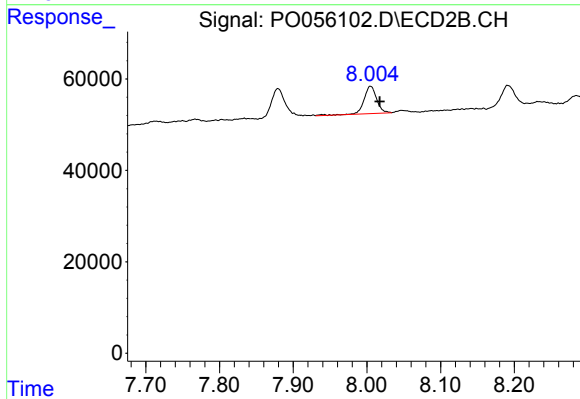
#42 AR-1268-2

R.T.: 7.512 min  
Delta R.T.: -0.014 min  
Response: 219665  
Conc: 38.61 ng/ml



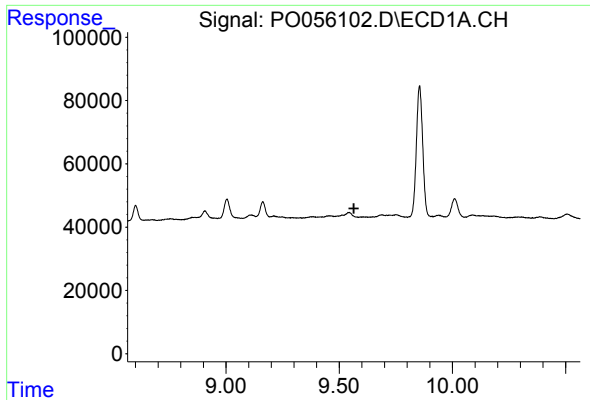
#44 AR-1268-4

R.T.: 9.162 min  
Delta R.T.: -0.017 min  
Response: 76128  
Conc: 38.80 ng/ml



#44 AR-1268-4

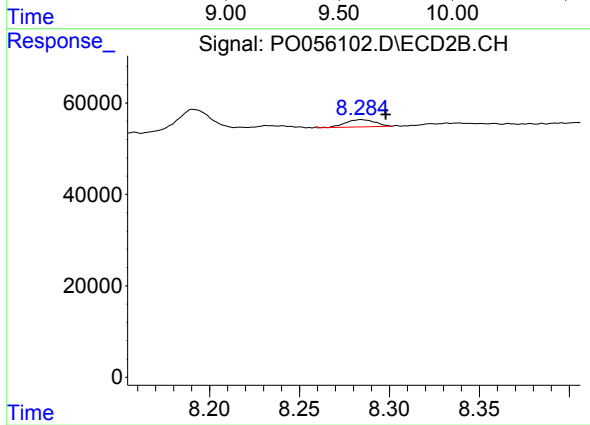
R.T.: 8.005 min  
Delta R.T.: -0.012 min  
Response: 71787  
Conc: 37.95 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.565 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.284 min  
Delta R.T.: -0.014 min  
Response: 18140  
Conc: 1.49 ng/ml