

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0090120\  
 Data File : P0071072.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Sep 2020 14:05  
 Operator : DD\AJ  
 Sample : L3853-02  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 01 14:31:44 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0082820.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 28 17:10:07 2020  
 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... | 4.353  | 3.541  | 1283955 | 721550 | 16.625  | 16.276   |
| 2)                          | SA Decachlor... | 9.967  | 8.718  | 1689775 | 927848 | 18.467  | 16.154   |
| Target Compounds            |                 |        |        |         |        |         |          |
| 3)                          | L1 AR-1016-1    | 5.674f | 4.794f | 516964  | 76257  | 171.348 | 40.497 # |
| 4)                          | L1 AR-1016-2    | 5.674  | 4.794  | 516964  | 76257  | 118.703 | 28.665 # |
| 5)                          | L1 AR-1016-3    | 5.734  | 0.000  | 506145  | 0      | 194.092 | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.860  | 0.000  | 119976  | 0      | 54.493  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.701  | 0.000  | 126139  | 0      | 211.032 | N.D. #   |
| 12)                         | L3 AR-1232-2    | 5.381  | 4.794  | 149920  | 76257  | 159.038 | 67.817 # |
| 13)                         | L3 AR-1232-3    | 5.674  | 0.000  | 516964  | 0      | 285.189 | N.D. #   |
| 14)                         | L3 AR-1232-4    | 5.860  | 0.000  | 119976  | 0      | 132.349 | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.938  | 0.000  | 457678  | 0      | 784.554 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.674f | 4.794f | 516964  | 76257  | 217.713 | 52.827 # |
| 17)                         | L4 AR-1242-2    | 5.674  | 4.794  | 516964  | 76257  | 151.224 | 37.790 # |
| 18)                         | L4 AR-1242-3    | 5.734  | 0.000  | 506145  | 0      | 248.616 | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.860  | 0.000  | 119976  | 0      | 68.859  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.623  | 0.000  | 222471  | 0      | 107.459 | N.D. #   |
| 21)                         | L5 AR-1248-1    | 5.674f | 0.000  | 516964  | 0      | 291.169 | N.D. #   |
| 22)                         | L5 AR-1248-2    | 5.938  | 0.000  | 457678  | 0      | 198.088 | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.597  | 0.000  | 167460  | 0      | 45.663  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.623  | 0.000  | 222471  | 0      | 66.692  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.558  | 0.000  | 357569  | 0      | 98.492  | N.D. #   |
| 27)                         | L6 AR-1254-2    | 6.751f | 0.000  | 125713  | 0      | 22.346  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.171f | 0.000  | 263589  | 0      | 45.770  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 7.865  | 6.850  | 89645   | 77226  | 17.039  | 19.902   |
| 31)                         | L7 AR-1260-1    | 7.311  | 0.000  | 145712  | 0      | 34.199  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.584  | 6.526  | 136857  | 39792  | 20.551  | 10.686 # |
| 33)                         | L7 AR-1260-3    | 7.935  | 0.000  | 104279  | 0      | 18.723  | N.D. #   |
| 34)                         | L7 AR-1260-4    | 8.165  | 7.147  | 104753  | 30764  | 19.770  | 11.081 # |
| 35)                         | L7 AR-1260-5    | 8.477  | 7.398  | 199235  | 84464  | 16.301  | 10.786 # |
| 36)                         | L8 AR-1262-1    | 7.935  | 6.850  | 104279  | 77226  | 13.074  | 36.462 # |
| 37)                         | L8 AR-1262-2    | 8.477  | 7.398  | 199235  | 84464  | 15.083  | 10.294 # |
| 38)                         | L8 AR-1262-3    | 8.745  | 0.000  | 51581   | 0      | 8.936   | N.D. #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.740  | 0       | 70101  | N.D.    | 11.802 # |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.236  | 0       | 38699  | N.D.    | 13.251 # |
| 41)                         | L9 AR-1268-1    | 8.745  | 0.000  | 51581   | 0      | 3.220   | N.D. #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.740  | 0       | 70101  | N.D.    | 8.036 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.236  | 0       | 38699  | N.D.    | 11.830 # |
| 45)                         | L9 AR-1268-5    | 9.707  | 0.000  | 46294   | 0      | 1.373   | N.D. #   |
| -----                       |                 |        |        |         |        |         |          |

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

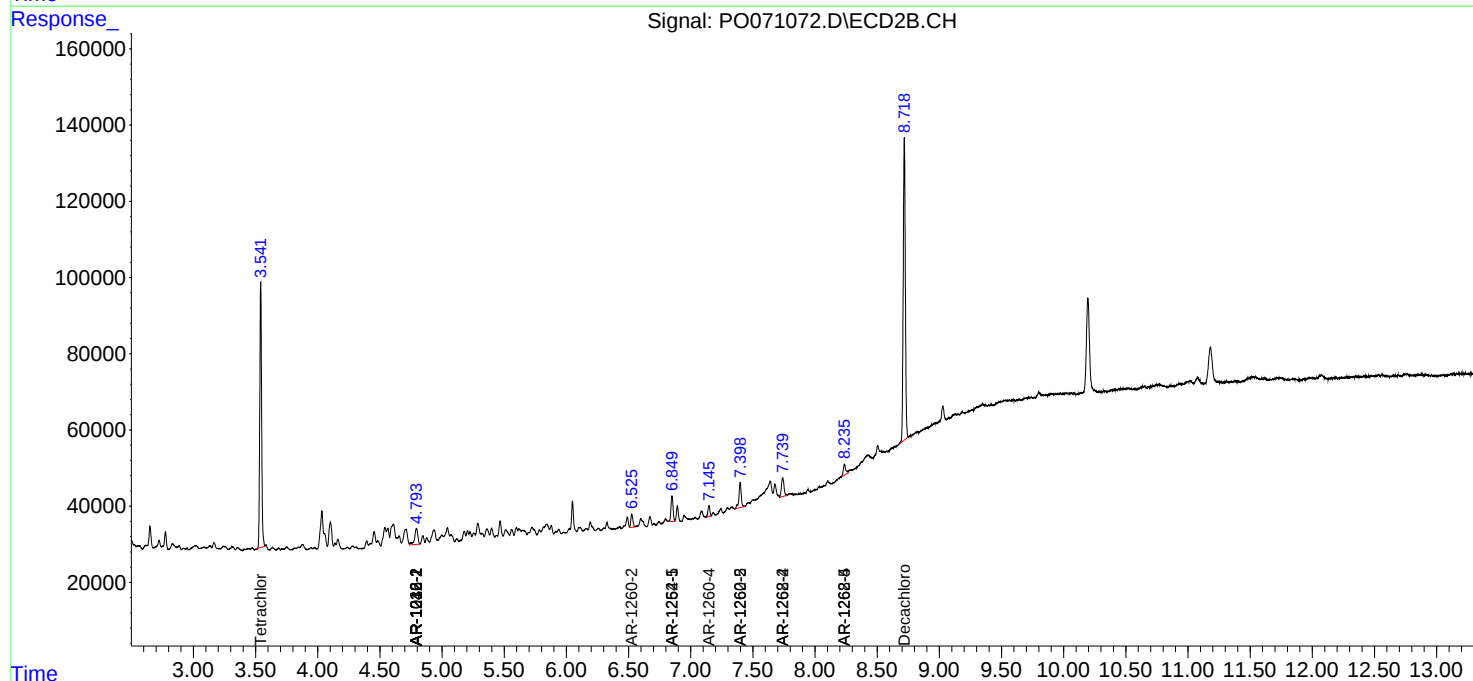
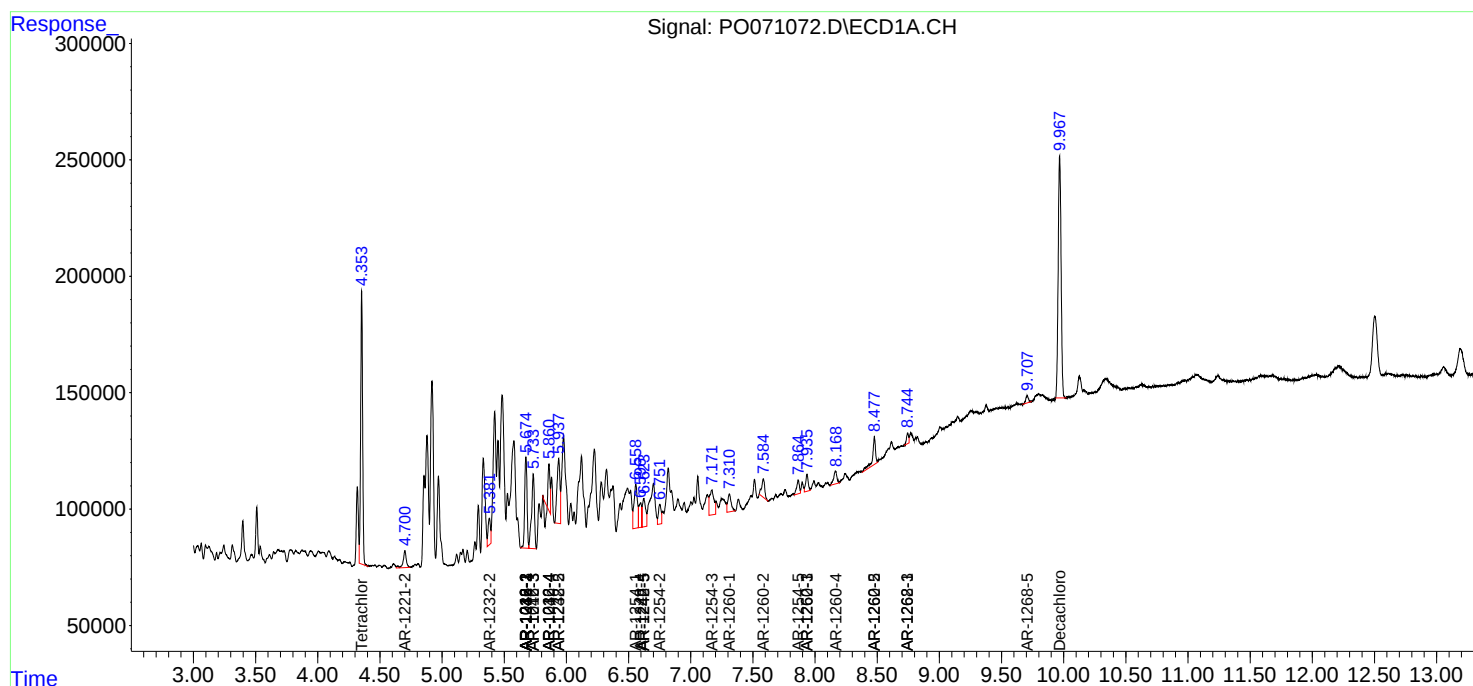
Instrument :  
ECD\_O  
ClientSampleId :

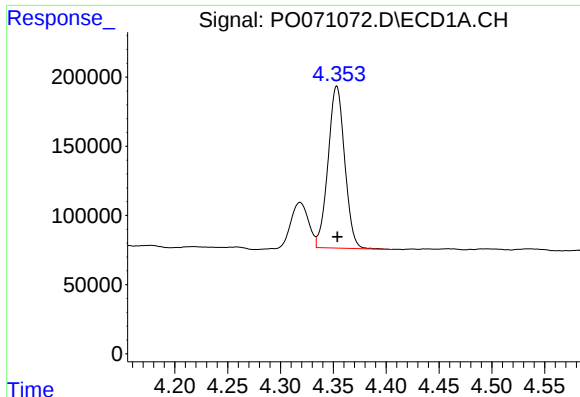
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO090120\  
Data File : PO071072.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 01 Sep 2020 14:05  
Operator : DD\AJ  
Sample : L3853-02  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 01 14:31:44 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO082820.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 28 17:10:07 2020  
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

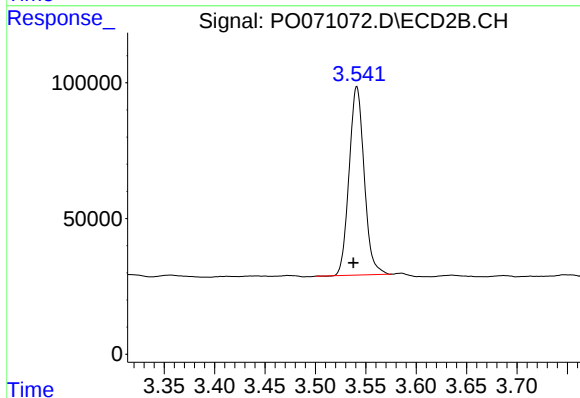




#1 Tetrachloro-m-xylene

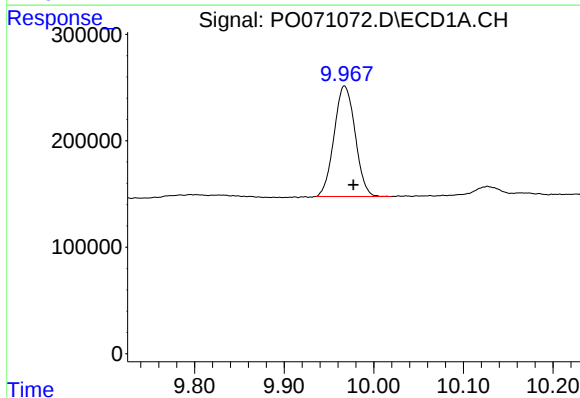
R.T.: 4.353 min  
Delta R.T.: 0.000 min  
Response: 1283955  
Conc: 16.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



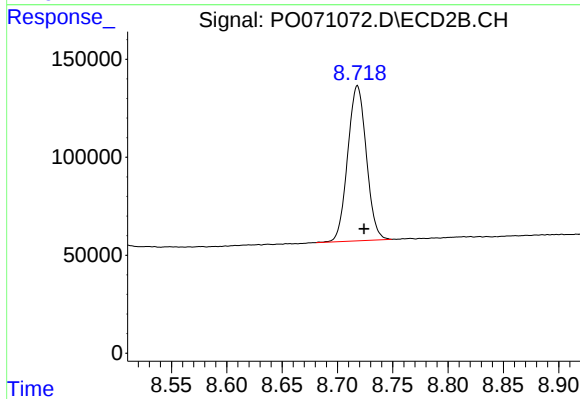
#1 Tetrachloro-m-xylene

R.T.: 3.541 min  
Delta R.T.: 0.003 min  
Response: 721550  
Conc: 16.28 ng/ml



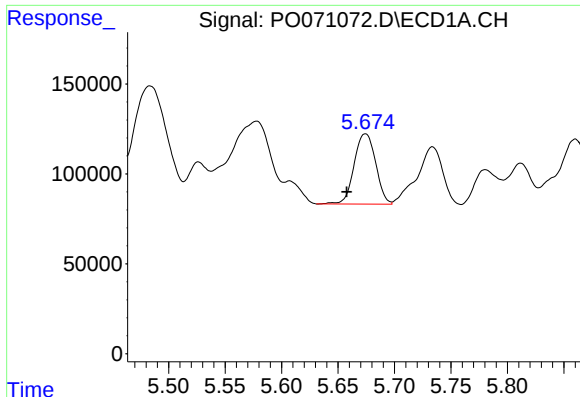
#2 Decachlorobiphenyl

R.T.: 9.967 min  
Delta R.T.: -0.010 min  
Response: 1689775  
Conc: 18.47 ng/ml



#2 Decachlorobiphenyl

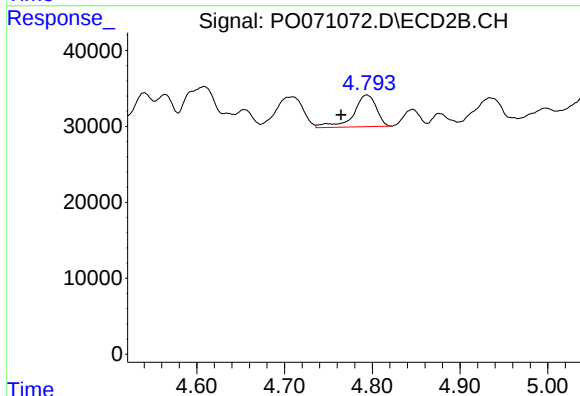
R.T.: 8.718 min  
Delta R.T.: -0.006 min  
Response: 927848  
Conc: 16.15 ng/ml



#3 AR-1016-1

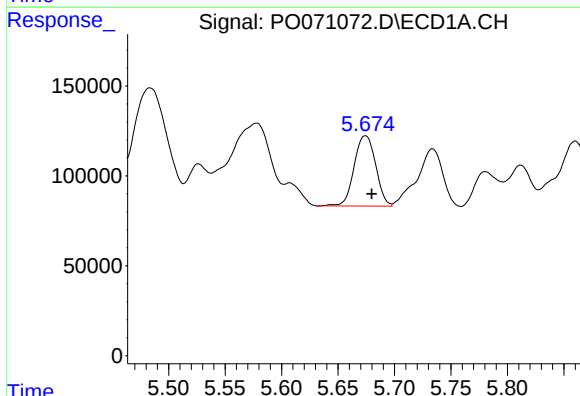
R.T.: 5.674 min  
Delta R.T.: 0.017 min  
Response: 516964  
Conc: 171.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



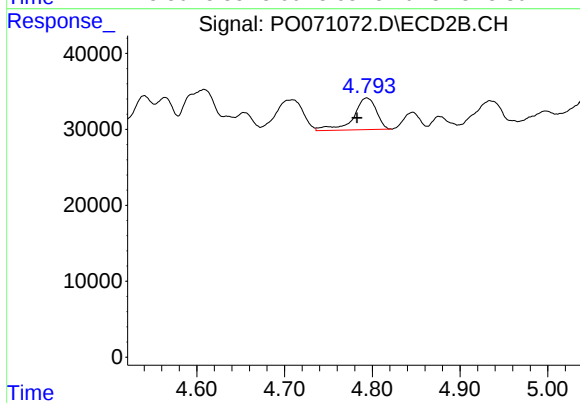
#3 AR-1016-1

R.T.: 4.794 min  
Delta R.T.: 0.029 min  
Response: 76257  
Conc: 40.50 ng/ml



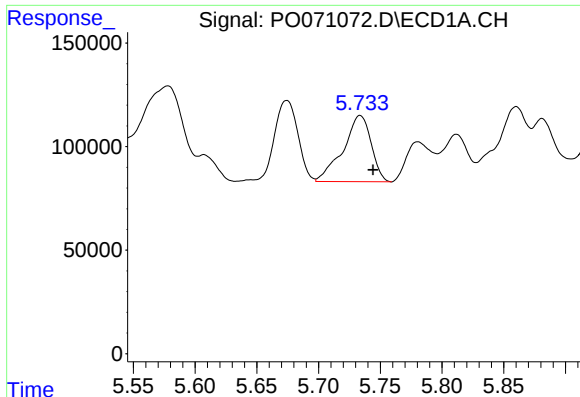
#4 AR-1016-2

R.T.: 5.674 min  
Delta R.T.: -0.006 min  
Response: 516964  
Conc: 118.70 ng/ml



#4 AR-1016-2

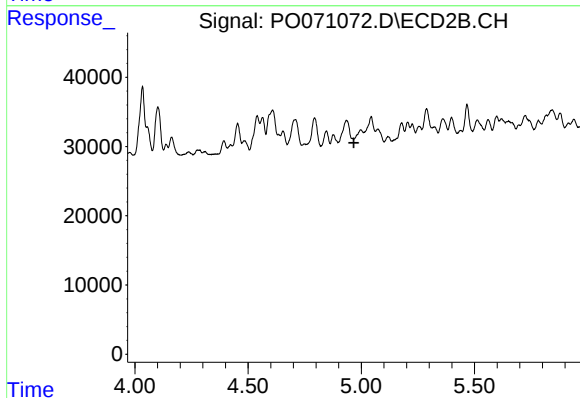
R.T.: 4.794 min  
Delta R.T.: 0.011 min  
Response: 76257  
Conc: 28.67 ng/ml



#5 AR-1016-3

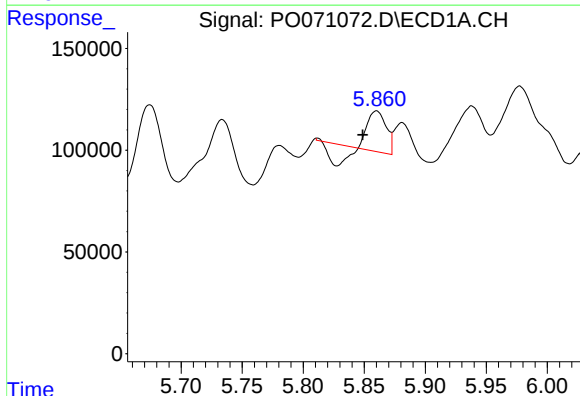
R.T.: 5.734 min  
Delta R.T.: -0.011 min  
Response: 506145  
Conc: 194.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



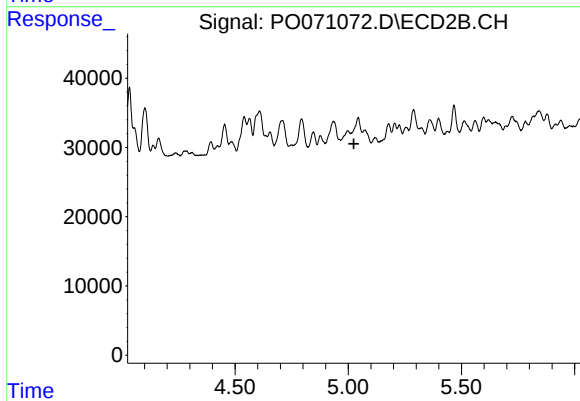
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.967 min  
Response: 0  
Conc: N.D.



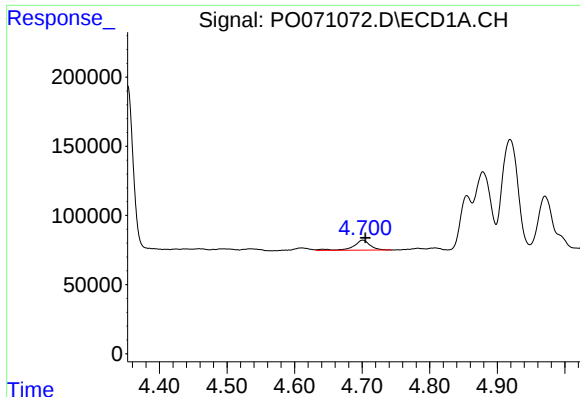
#6 AR-1016-4

R.T.: 5.860 min  
Delta R.T.: 0.011 min  
Response: 119976  
Conc: 54.49 ng/ml



#6 AR-1016-4

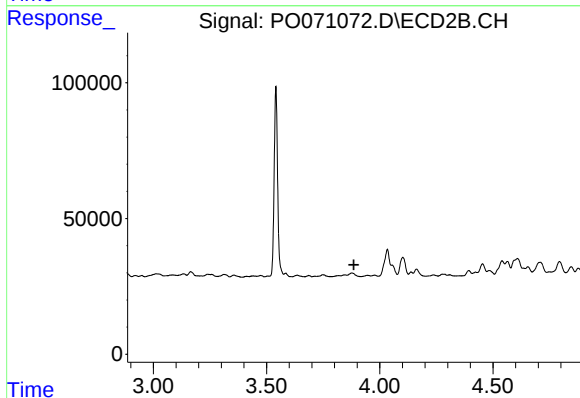
R.T.: 0.000 min  
Exp R.T. : 5.025 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

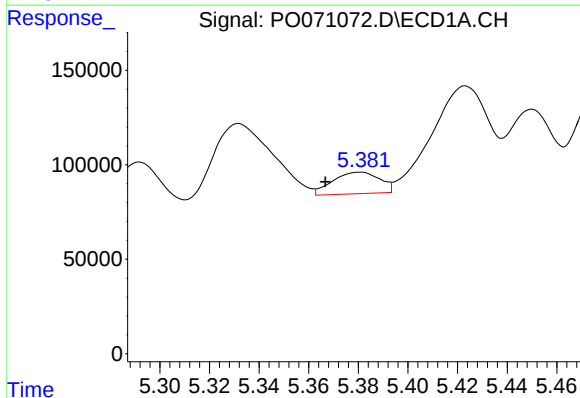
R.T.: 4.701 min  
Delta R.T.: -0.004 min  
Response: 126139  
Conc: 211.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



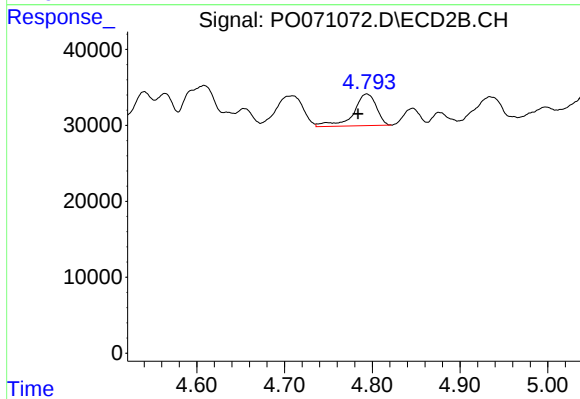
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 3.886 min  
Response: 0  
Conc: N.D.



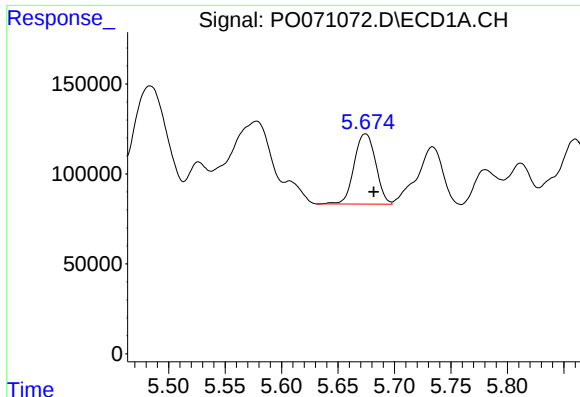
#12 AR-1232-2

R.T.: 5.381 min  
Delta R.T.: 0.014 min  
Response: 149920  
Conc: 159.04 ng/ml



#12 AR-1232-2

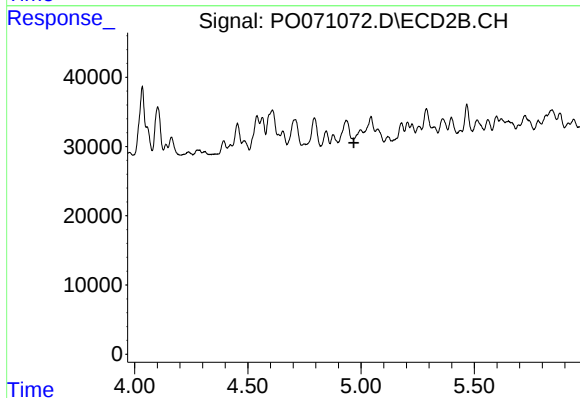
R.T.: 4.794 min  
Delta R.T.: 0.010 min  
Response: 76257  
Conc: 67.82 ng/ml



#13 AR-1232-3

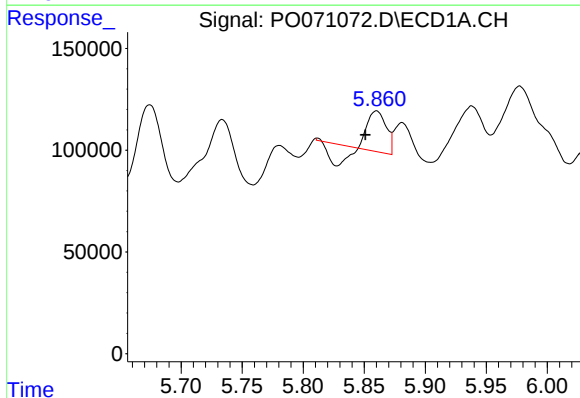
R.T.: 5.674 min  
Delta R.T.: -0.008 min  
Response: 516964  
Conc: 285.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



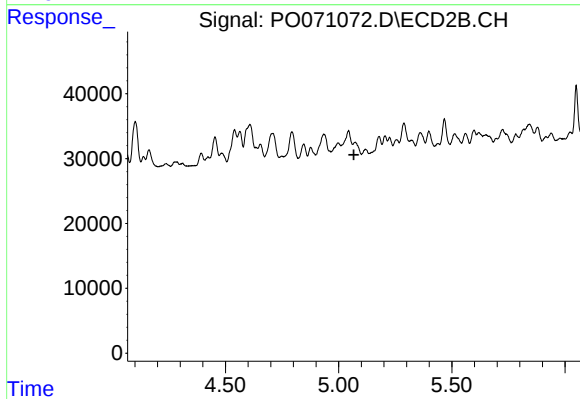
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.968 min  
Response: 0  
Conc: N.D.



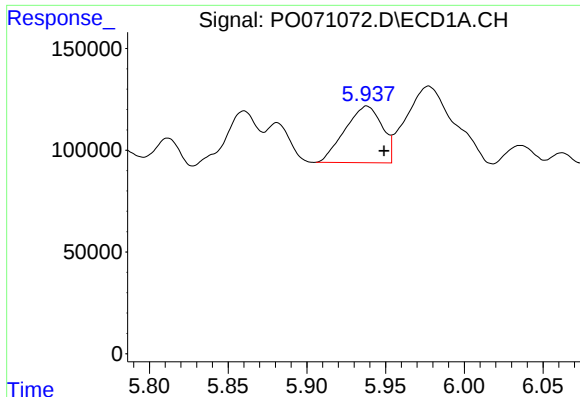
#14 AR-1232-4

R.T.: 5.860 min  
Delta R.T.: 0.009 min  
Response: 119976  
Conc: 132.35 ng/ml



#14 AR-1232-4

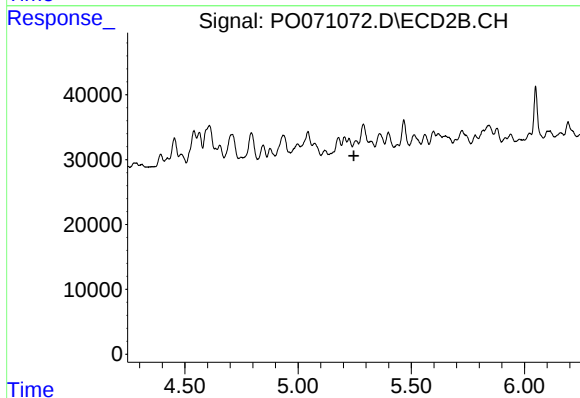
R.T.: 0.000 min  
Exp R.T. : 5.068 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

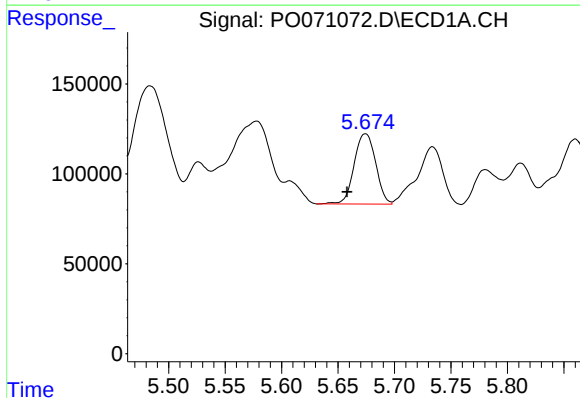
R.T.: 5.938 min  
Delta R.T.: -0.011 min  
Response: 457678  
Conc: 784.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



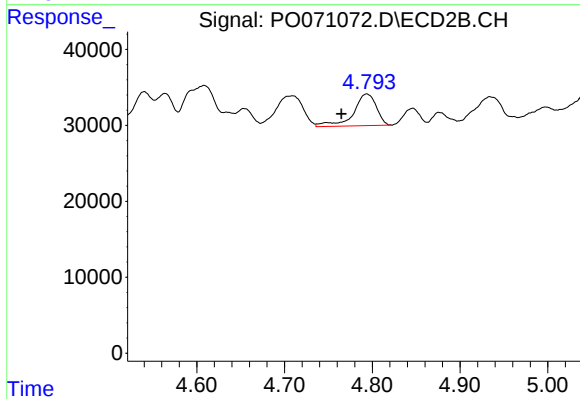
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.246 min  
Response: 0  
Conc: N.D.



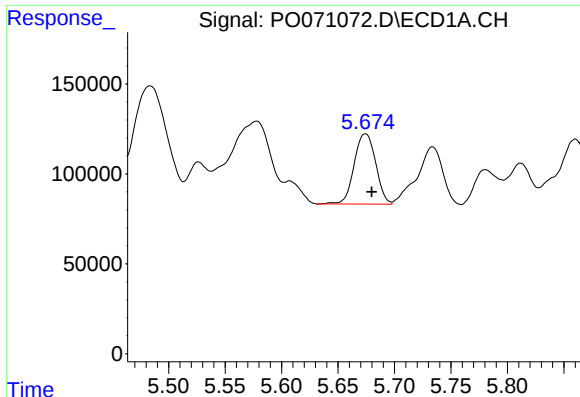
#16 AR-1242-1

R.T.: 5.674 min  
Delta R.T.: 0.016 min  
Response: 516964  
Conc: 217.71 ng/ml



#16 AR-1242-1

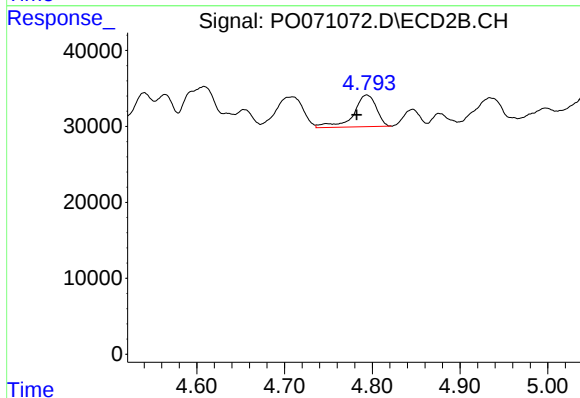
R.T.: 4.794 min  
Delta R.T.: 0.029 min  
Response: 76257  
Conc: 52.83 ng/ml



#17 AR-1242-2

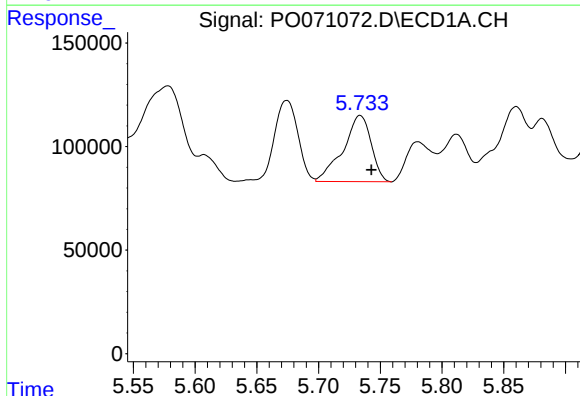
R.T.: 5.674 min  
Delta R.T.: -0.006 min  
Response: 516964  
Conc: 151.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



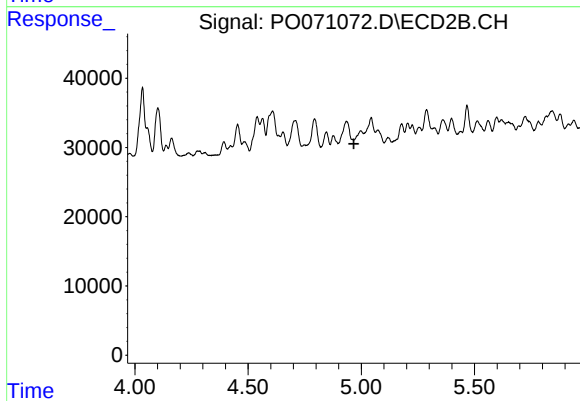
#17 AR-1242-2

R.T.: 4.794 min  
Delta R.T.: 0.012 min  
Response: 76257  
Conc: 37.79 ng/ml



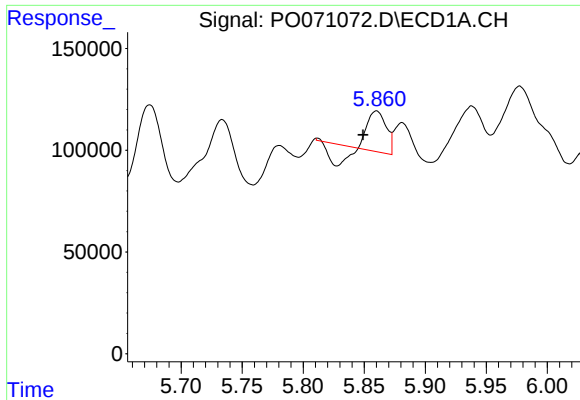
#18 AR-1242-3

R.T.: 5.734 min  
Delta R.T.: -0.009 min  
Response: 506145  
Conc: 248.62 ng/ml



#18 AR-1242-3

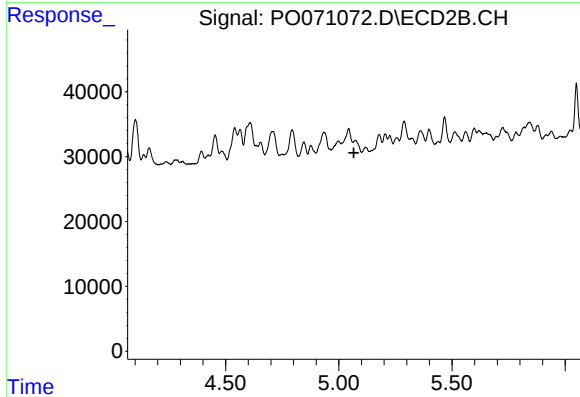
R.T.: 0.000 min  
Exp R.T.: 4.967 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

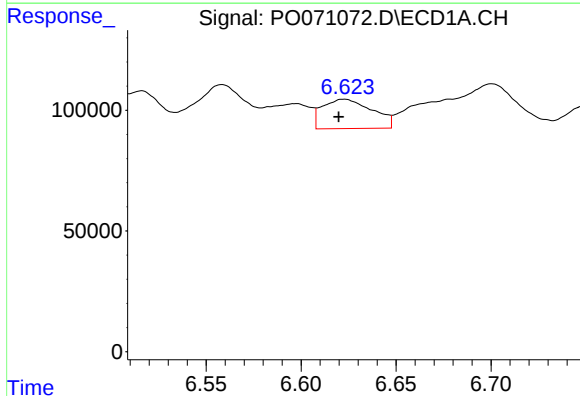
R.T.: 5.860 min  
Delta R.T.: 0.011 min  
Response: 119976  
Conc: 68.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



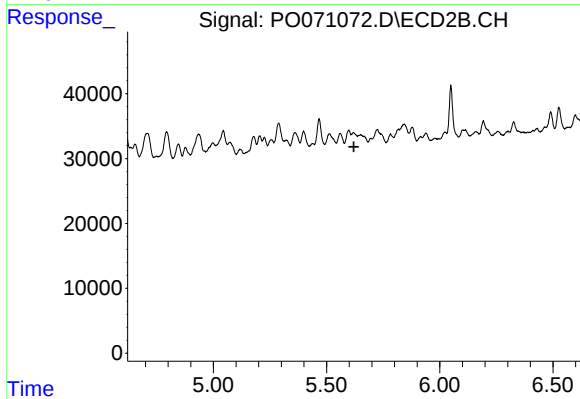
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.066 min  
Response: 0  
Conc: N.D.



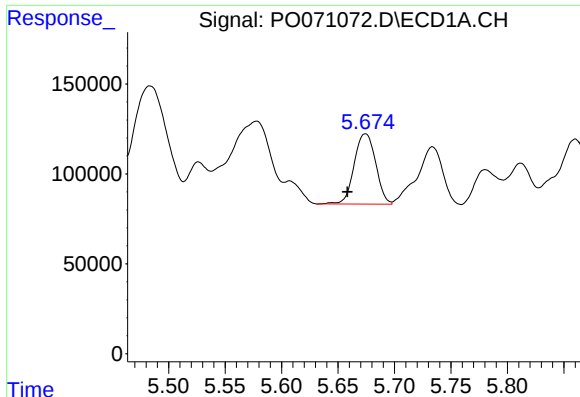
#20 AR-1242-5

R.T.: 6.623 min  
Delta R.T.: 0.003 min  
Response: 222471  
Conc: 107.46 ng/ml



#20 AR-1242-5

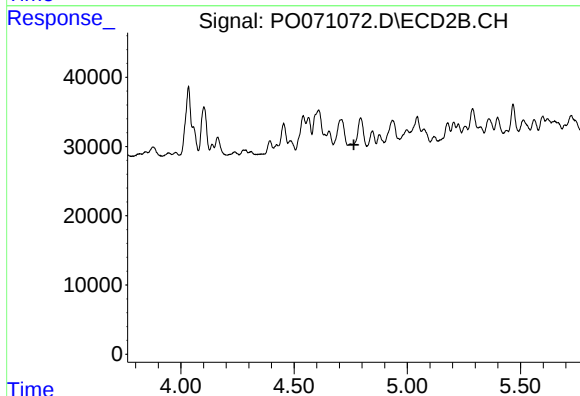
R.T.: 0.000 min  
Exp R.T. : 5.621 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

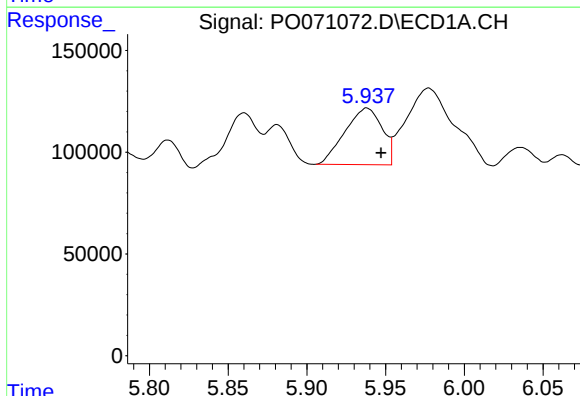
R.T.: 5.674 min  
Delta R.T.: 0.016 min  
Response: 516964  
Conc: 291.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



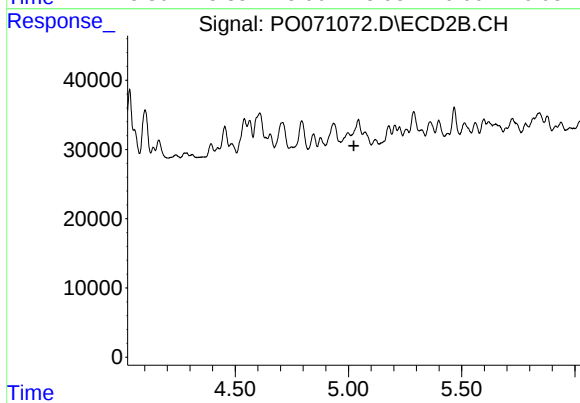
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.764 min  
Response: 0  
Conc: N.D.



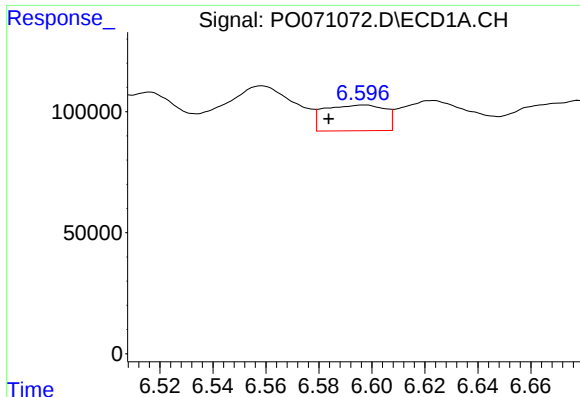
#22 AR-1248-2

R.T.: 5.938 min  
Delta R.T.: -0.009 min  
Response: 457678  
Conc: 198.09 ng/ml



#22 AR-1248-2

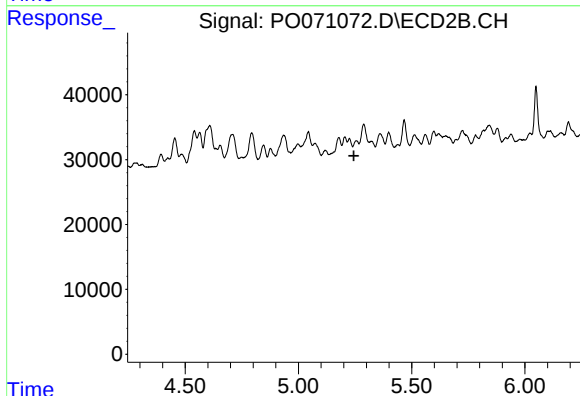
R.T.: 0.000 min  
Exp R.T. : 5.024 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

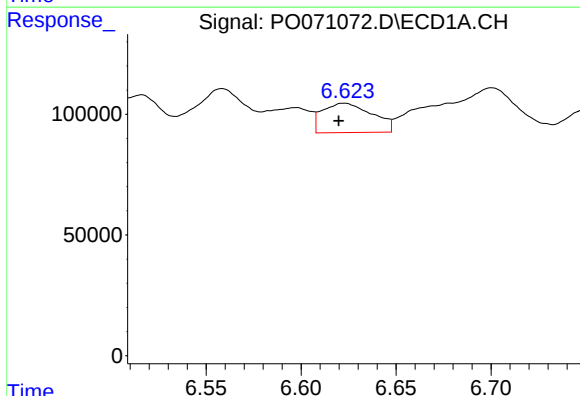
R.T.: 6.597 min  
Delta R.T.: 0.013 min  
Response: 167460  
Conc: 45.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



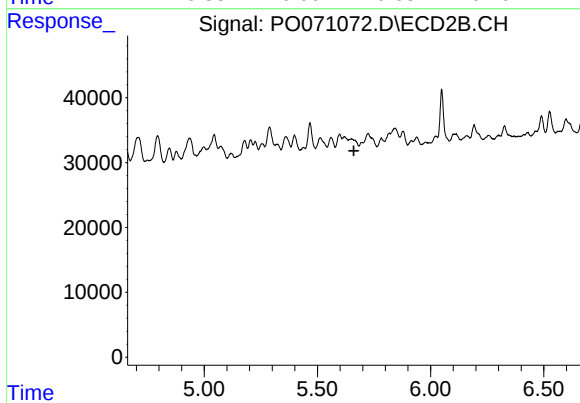
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.245 min  
Response: 0  
Conc: N.D.



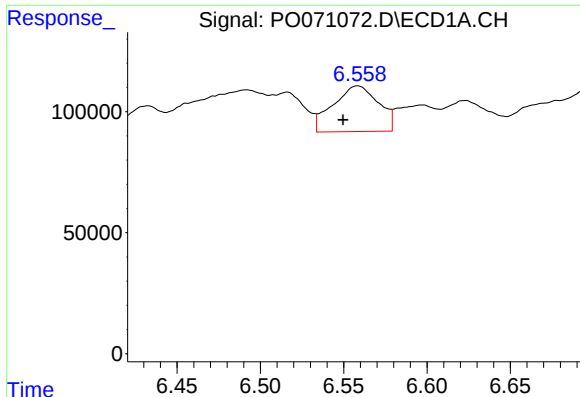
#25 AR-1248-5

R.T.: 6.623 min  
Delta R.T.: 0.003 min  
Response: 222471  
Conc: 66.69 ng/ml



#25 AR-1248-5

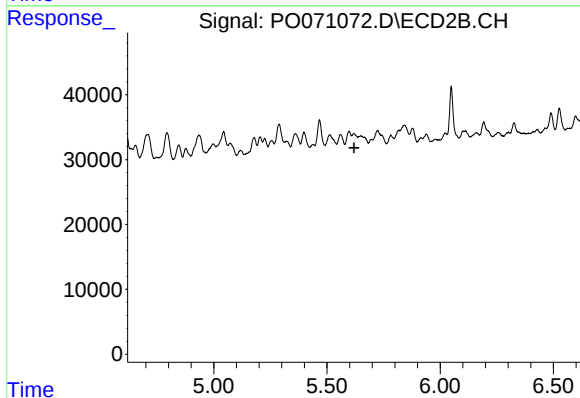
R.T.: 0.000 min  
Exp R.T. : 5.661 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

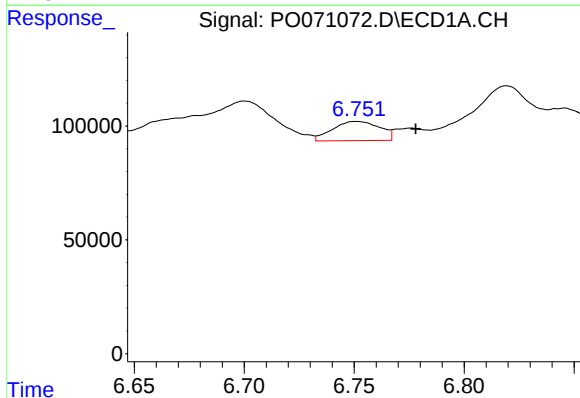
R.T.: 6.558 min  
Delta R.T.: 0.009 min  
Response: 357569  
Conc: 98.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



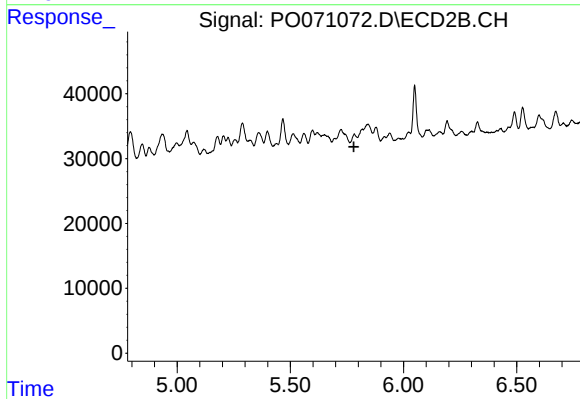
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 5.619 min  
Response: 0  
Conc: N.D.



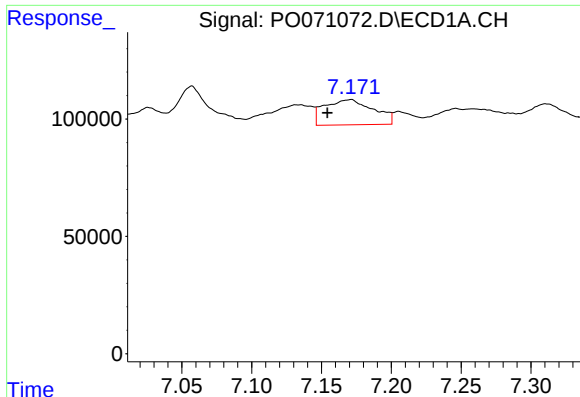
#27 AR-1254-2

R.T.: 6.751 min  
Delta R.T.: -0.027 min  
Response: 125713  
Conc: 22.35 ng/ml



#27 AR-1254-2

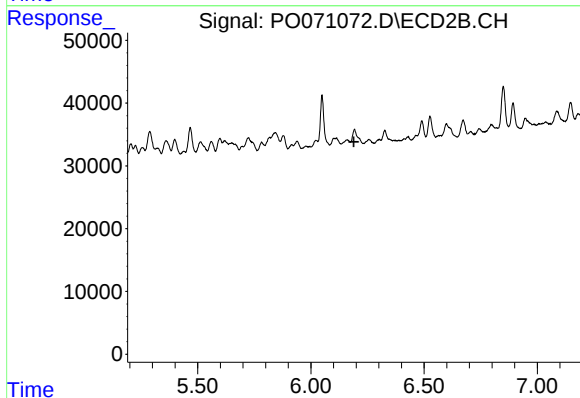
R.T.: 0.000 min  
Exp R.T. : 5.780 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

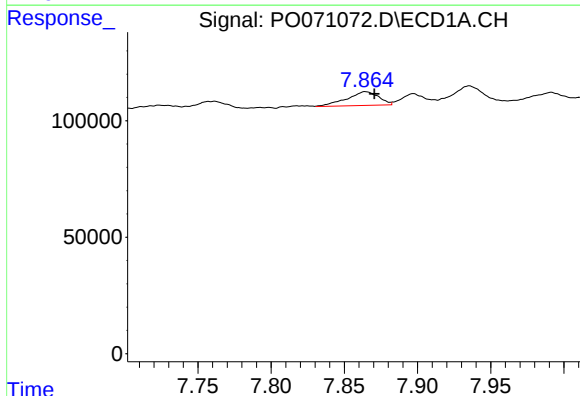
R.T.: 7.171 min  
Delta R.T.: 0.017 min  
Response: 263589  
Conc: 45.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



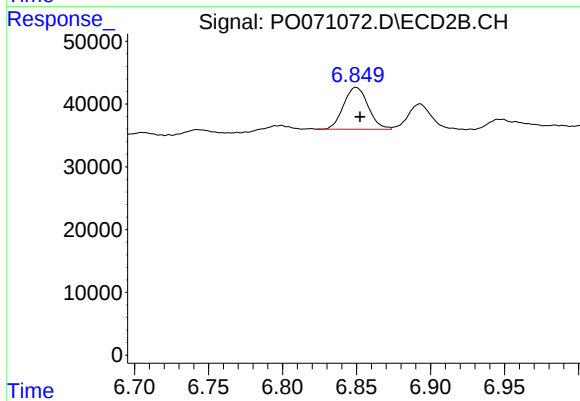
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.190 min  
Response: 0  
Conc: N.D.



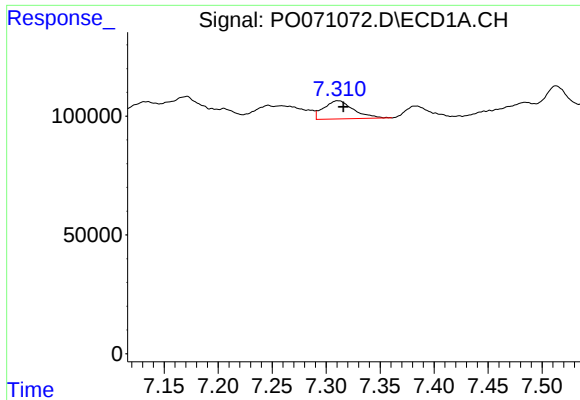
#30 AR-1254-5

R.T.: 7.865 min  
Delta R.T.: -0.006 min  
Response: 89645  
Conc: 17.04 ng/ml



#30 AR-1254-5

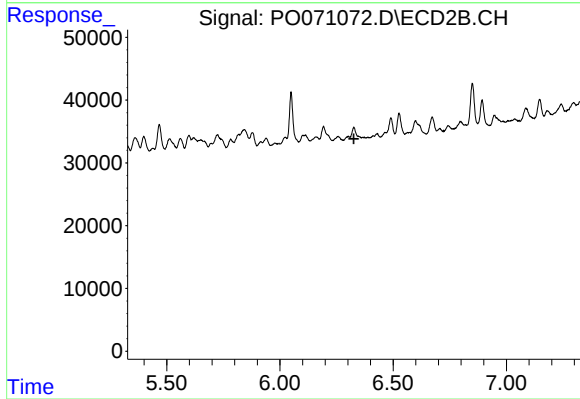
R.T.: 6.850 min  
Delta R.T.: -0.003 min  
Response: 77226  
Conc: 19.90 ng/ml



#31 AR-1260-1

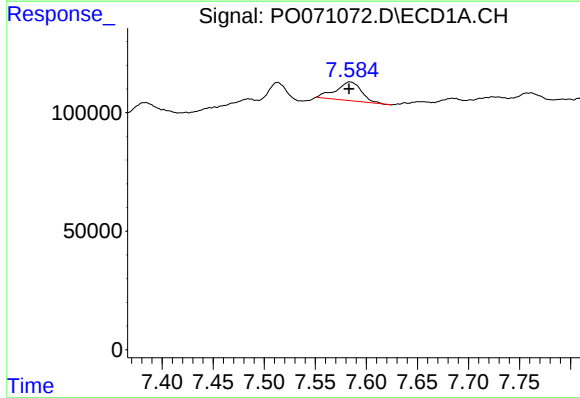
R.T.: 7.311 min  
Delta R.T.: -0.005 min  
Response: 145712  
Conc: 34.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



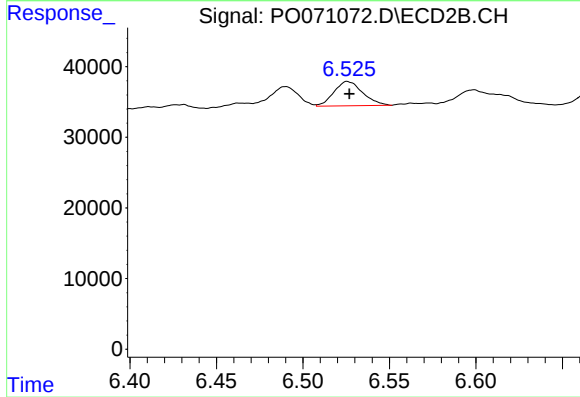
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.326 min  
Response: 0  
Conc: N.D.



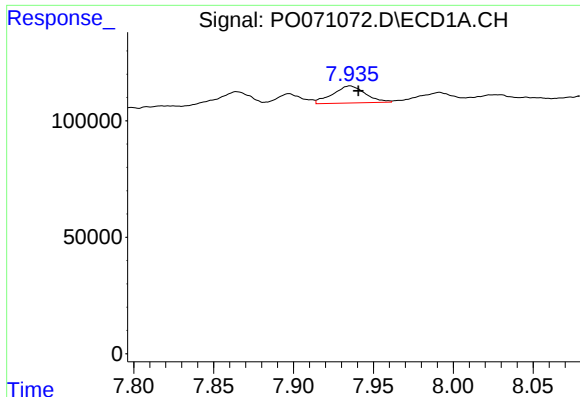
#32 AR-1260-2

R.T.: 7.584 min  
Delta R.T.: 0.001 min  
Response: 136857  
Conc: 20.55 ng/ml



#32 AR-1260-2

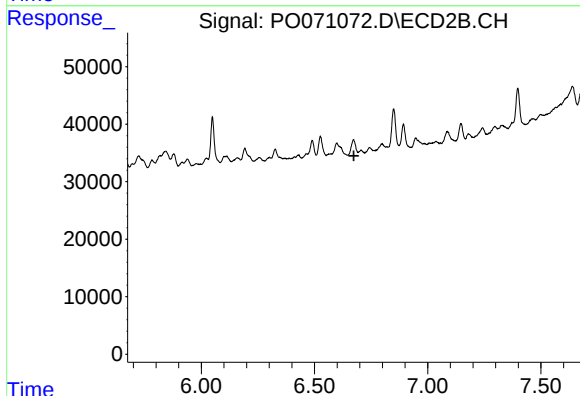
R.T.: 6.526 min  
Delta R.T.: 0.000 min  
Response: 39792  
Conc: 10.69 ng/ml



#33 AR-1260-3

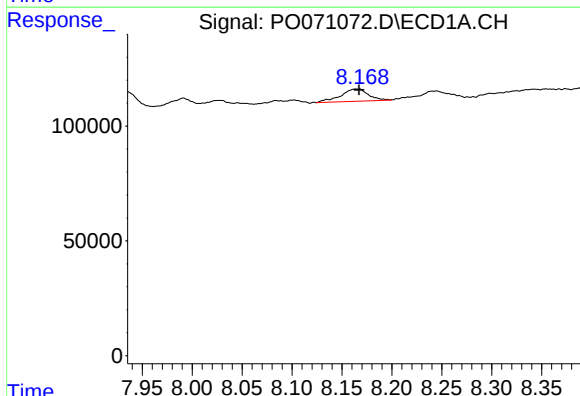
R.T.: 7.935 min  
Delta R.T.: -0.005 min  
Response: 104279  
Conc: 18.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



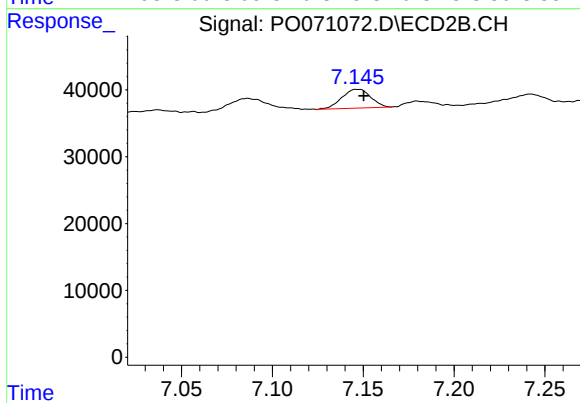
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.674 min  
Response: 0  
Conc: N.D.



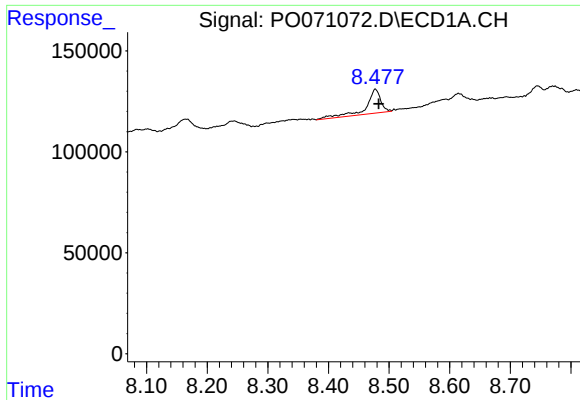
#34 AR-1260-4

R.T.: 8.165 min  
Delta R.T.: -0.003 min  
Response: 104753  
Conc: 19.77 ng/ml



#34 AR-1260-4

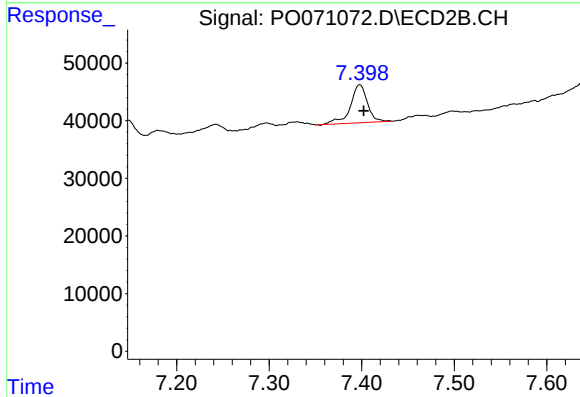
R.T.: 7.147 min  
Delta R.T.: -0.003 min  
Response: 30764  
Conc: 11.08 ng/ml



#35 AR-1260-5

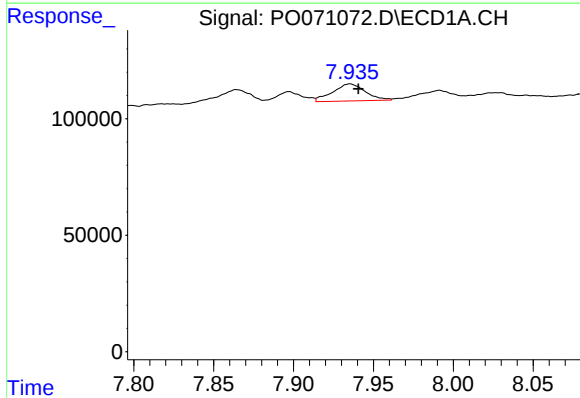
R.T.: 8.477 min  
Delta R.T.: -0.006 min  
Response: 199235  
Conc: 16.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



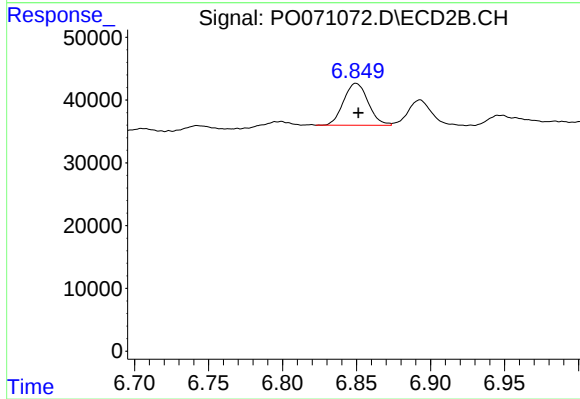
#35 AR-1260-5

R.T.: 7.398 min  
Delta R.T.: -0.004 min  
Response: 84464  
Conc: 10.79 ng/ml



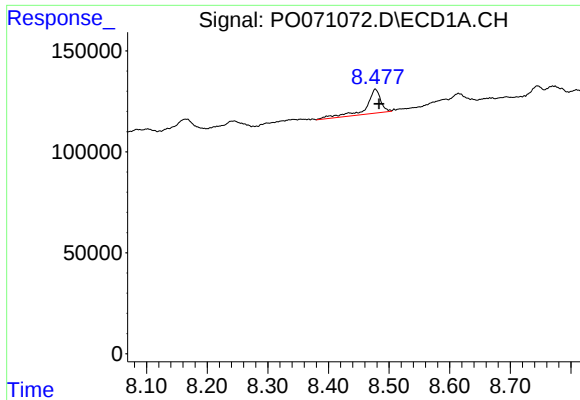
#36 AR-1262-1

R.T.: 7.935 min  
Delta R.T.: -0.005 min  
Response: 104279  
Conc: 13.07 ng/ml



#36 AR-1262-1

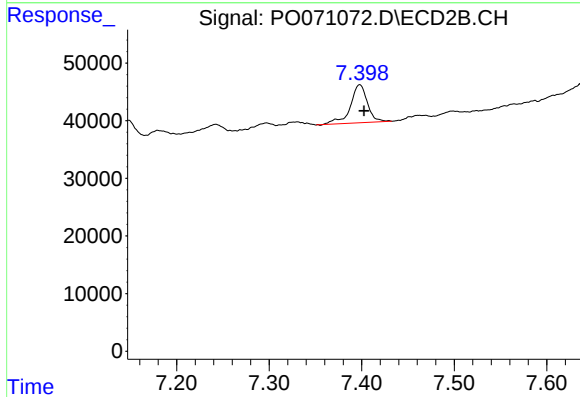
R.T.: 6.850 min  
Delta R.T.: -0.002 min  
Response: 77226  
Conc: 36.46 ng/ml



#37 AR-1262-2

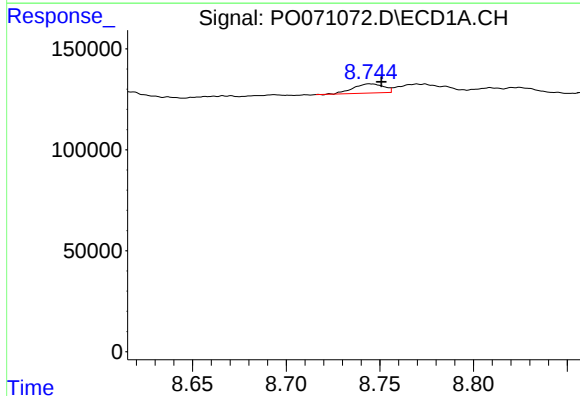
R.T.: 8.477 min  
Delta R.T.: -0.006 min  
Response: 199235  
Conc: 15.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



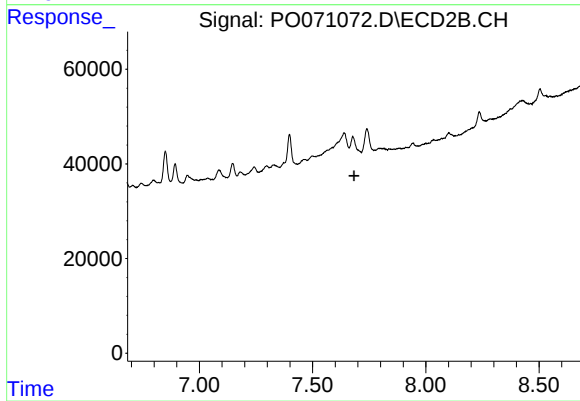
#37 AR-1262-2

R.T.: 7.398 min  
Delta R.T.: -0.005 min  
Response: 84464  
Conc: 10.29 ng/ml



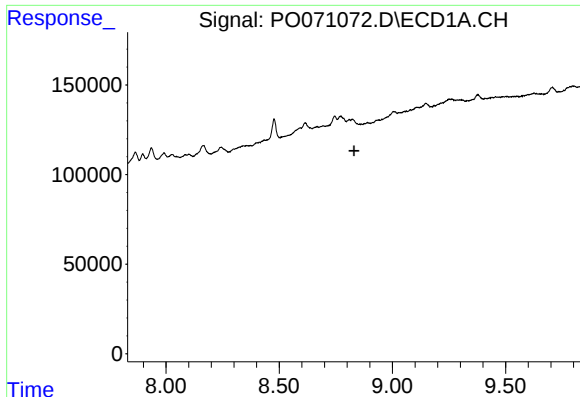
#38 AR-1262-3

R.T.: 8.745 min  
Delta R.T.: -0.006 min  
Response: 51581  
Conc: 8.94 ng/ml



#38 AR-1262-3

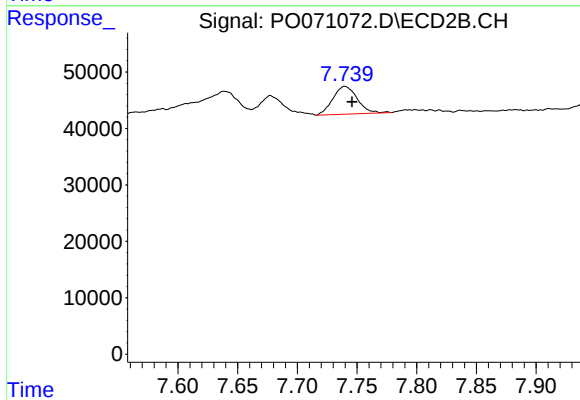
R.T.: 0.000 min  
Exp R.T.: 7.683 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

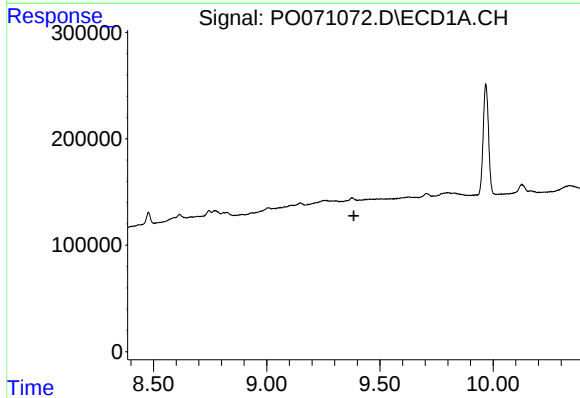
R.T.: 0.000 min  
Exp R.T.: 8.830 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



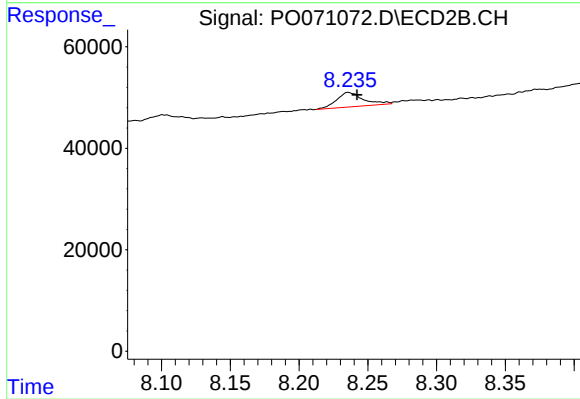
#39 AR-1262-4

R.T.: 7.740 min  
Delta R.T.: -0.006 min  
Response: 70101  
Conc: 11.80 ng/ml



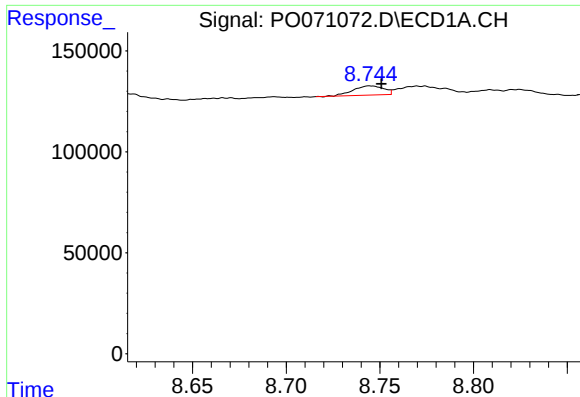
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.385 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

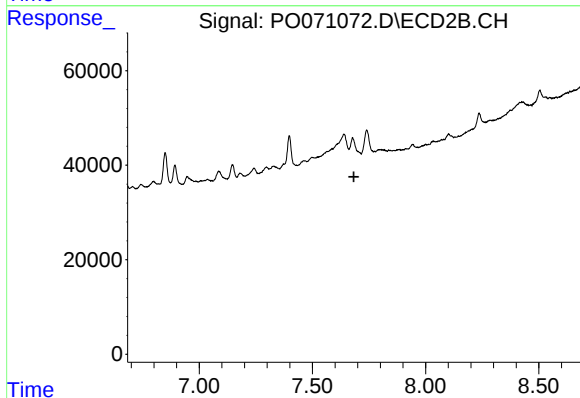
R.T.: 8.236 min  
Delta R.T.: -0.006 min  
Response: 38699  
Conc: 13.25 ng/ml



#41 AR-1268-1

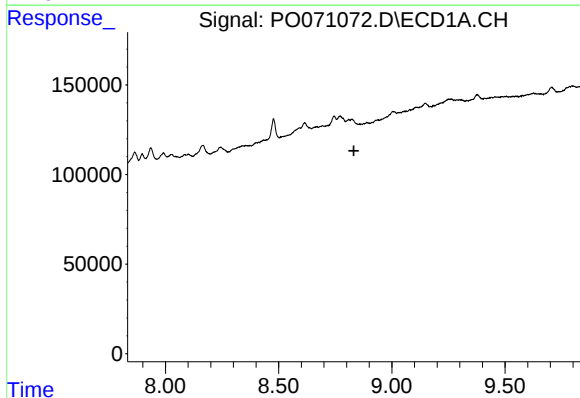
R.T.: 8.745 min  
Delta R.T.: -0.006 min  
Response: 51581  
Conc: 3.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



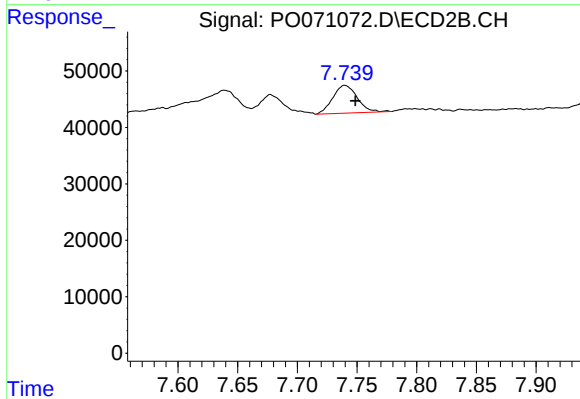
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 7.683 min  
Response: 0  
Conc: N.D.



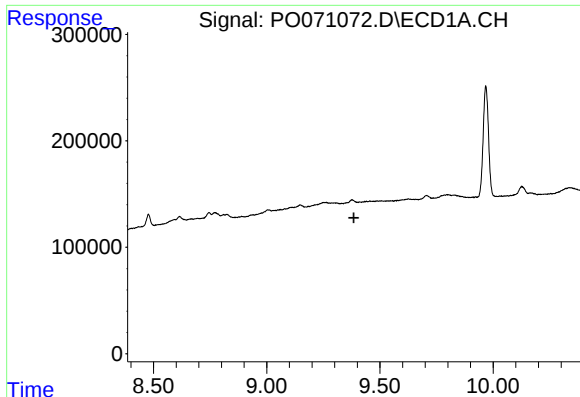
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.832 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

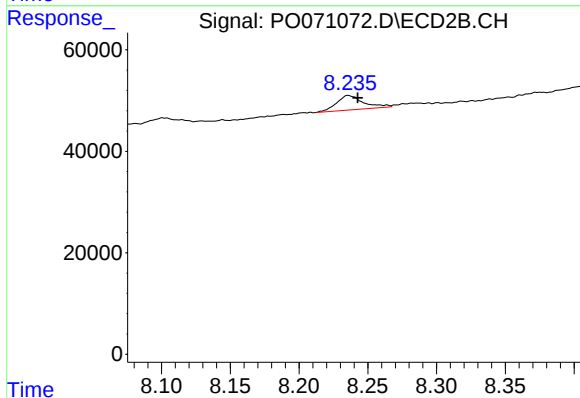
R.T.: 7.740 min  
Delta R.T.: -0.009 min  
Response: 70101  
Conc: 8.04 ng/ml



#44 AR-1268-4

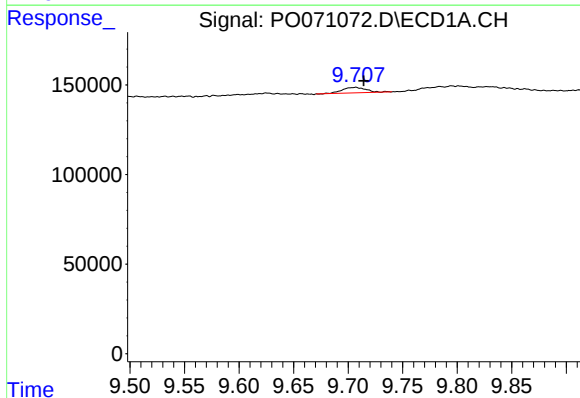
R.T.: 0.000 min  
Exp R.T.: 9.385 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



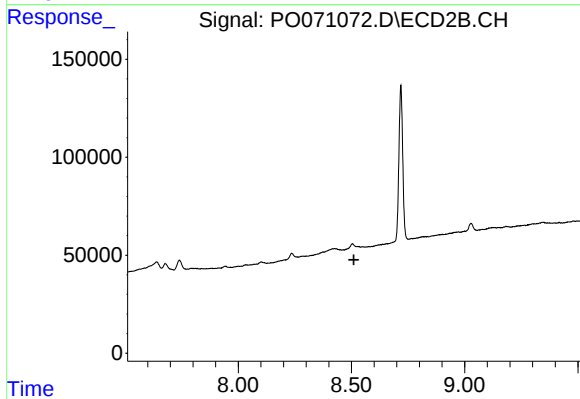
#44 AR-1268-4

R.T.: 8.236 min  
Delta R.T.: -0.007 min  
Response: 38699  
Conc: 11.83 ng/ml



#45 AR-1268-5

R.T.: 9.707 min  
Delta R.T.: -0.007 min  
Response: 46294  
Conc: 1.37 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 8.511 min  
Response: 0  
Conc: N.D.