

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102921\  
 Data File : PO082339.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Oct 2021 14:15  
 Operator : AJ\MA  
 Sample : M4404-01 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

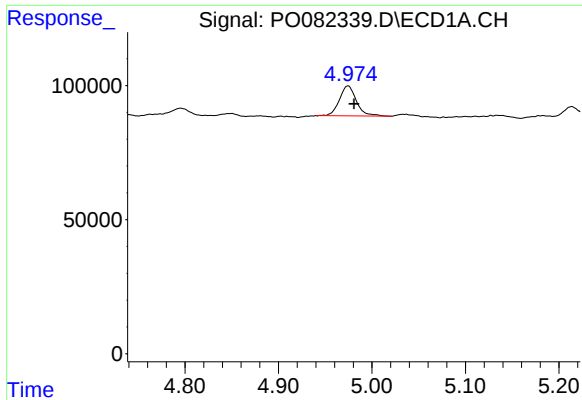
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 29 15:25:09 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 29 11:08:21 2021  
 Response via : Initial Calibration  
 Integrator: 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... | 4.975  | 3.970  | 140251 | 45640  | 1.736   | 1.547    |
| 2)                          | SA Decachlor... | 11.093 | 9.296  | 91030  | 36231  | 1.638   | 1.423    |
| Target Compounds            |                 |        |        |        |        |         |          |
| 3)                          | L1 AR-1016-1    | 6.332  | 5.235  | 50371  | 7111   | 19.901  | 5.866 #  |
| 4)                          | L1 AR-1016-2    | 6.332  | 5.252  | 50371  | 31805  | 13.941  | 19.224 # |
| 5)                          | L1 AR-1016-3    | 6.399  | 5.443  | 23589  | 10341  | 11.065  | 11.619   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.500  | 0      | 5270   | N.D.    | 7.254 #  |
| 7)                          | L1 AR-1016-5    | 6.825  | 0.000  | 18771  | 0      | 11.000  | N.D. #   |
| 8)                          | L2 AR-1221-1    | 5.214f | 0.000  | 47562  | 0      | 55.035  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.364f | 0.000  | 95604  | 0      | 148.773 | N.D. #   |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.417  | 0      | 29160  | N.D.    | 34.584 # |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.417  | 0      | 29160  | N.D.    | 44.305 # |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.252  | 0      | 31805  | N.D.    | 44.518 # |
| 13)                         | L3 AR-1232-3    | 6.332  | 5.443  | 50371  | 10341  | 34.086  | 27.284   |
| 16)                         | L4 AR-1242-1    | 6.332  | 5.235  | 50371  | 7111   | 26.534  | 7.769 #  |
| 17)                         | L4 AR-1242-2    | 6.332  | 5.252  | 50371  | 31805  | 18.767  | 25.919 # |
| 18)                         | L4 AR-1242-3    | 6.399  | 5.443  | 23589  | 10341  | 14.584  | 15.370   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.516f | 0      | 83     | N.D.    | 0.124 #  |
| 20)                         | L4 AR-1242-5    | 7.297  | 6.107  | 242925 | 11340  | 190.997 | 13.198 # |
| 21)                         | L5 AR-1248-1    | 6.332  | 5.235  | 50371  | 7111   | 33.847  | 9.735 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.500  | 0      | 5270   | N.D.    | 5.480 #  |
| 23)                         | L5 AR-1248-3    | 6.825  | 5.516f | 18771  | 83     | 8.641   | 0.084 #  |
| 24)                         | L5 AR-1248-4    | 7.253  | 0.000  | 136313 | 0      | 57.777  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 7.297  | 6.149  | 242925 | 10703  | 109.009 | 9.852 #  |
| 26)                         | L6 AR-1254-1    | 7.226  | 6.107  | 767718 | 11340  | 320.565 | 6.809 #  |
| 27)                         | L6 AR-1254-2    | 7.456  | 6.265  | 221667 | 10272  | 60.770  | 6.880 #  |
| 28)                         | L6 AR-1254-3    | 7.841  | 6.687  | 304408 | 11774  | 84.118  | 5.258 #  |
| 29)                         | L6 AR-1254-4    | 8.139  | 6.927  | 22307  | 9589   | 8.278   | 6.529    |
| 30)                         | L6 AR-1254-5    | 8.574  | 7.358  | 13451  | 8952   | 4.618   | 4.347    |
| 32)                         | L7 AR-1260-2    | 0.000  | 7.025  | 0      | 12042  | N.D.    | 6.003 #  |
| 33)                         | L7 AR-1260-3    | 8.657  | 7.181  | 83192  | 14194  | 36.909  | 7.492 #  |
| 35)                         | L7 AR-1260-5    | 9.242f | 0.000  | 28436  | 0      | 5.190   | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.657  | 7.358  | 83192  | 8952   | 24.320  | 8.115 #  |
| 37)                         | L8 AR-1262-2    | 9.242f | 0.000  | 28436  | 0      | 4.528   | N.D. #   |
| -----                       |                 |        |        |        |        |         |          |

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

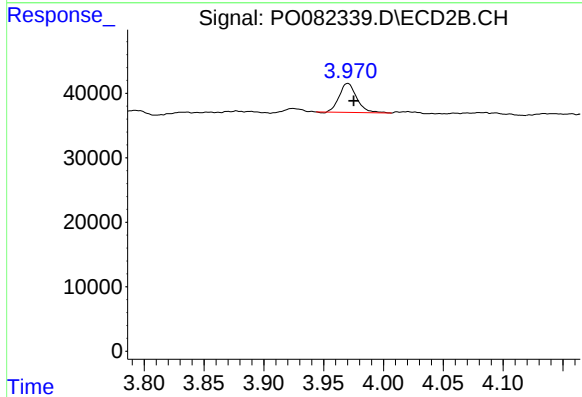




#1 Tetrachloro-m-xylene

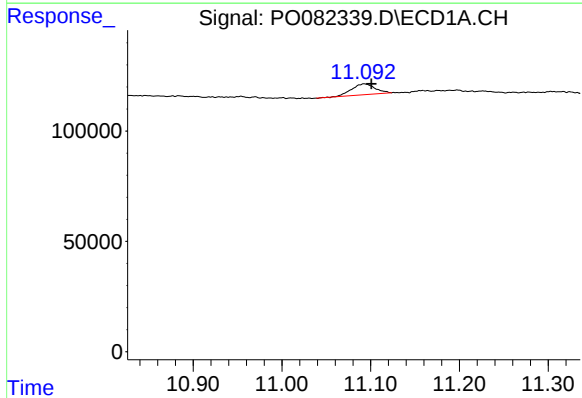
R.T.: 4.975 min  
Delta R.T.: -0.006 min  
Response: 140251  
Conc: 1.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



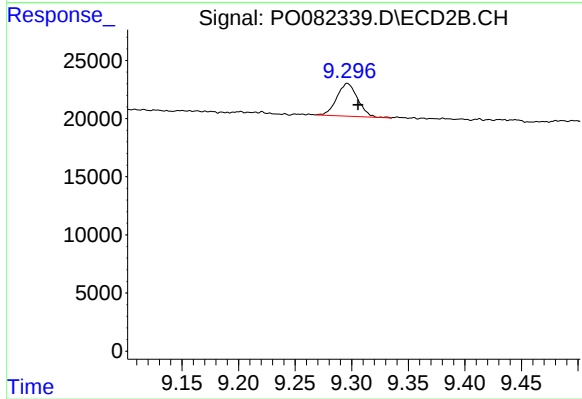
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: -0.005 min  
Response: 45640  
Conc: 1.55 ng/ml



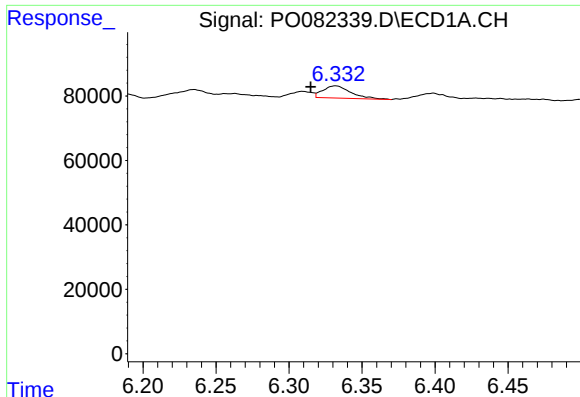
#2 Decachlorobiphenyl

R.T.: 11.093 min  
Delta R.T.: -0.008 min  
Response: 91030  
Conc: 1.64 ng/ml



#2 Decachlorobiphenyl

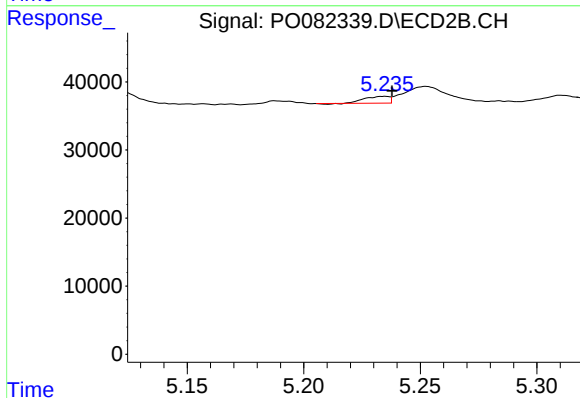
R.T.: 9.296 min  
Delta R.T.: -0.010 min  
Response: 36231  
Conc: 1.42 ng/ml



#3 AR-1016-1

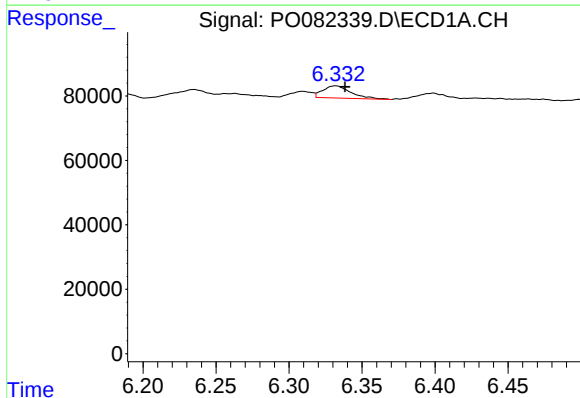
R.T.: 6.332 min  
Delta R.T.: 0.017 min  
Response: 50371  
Conc: 19.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



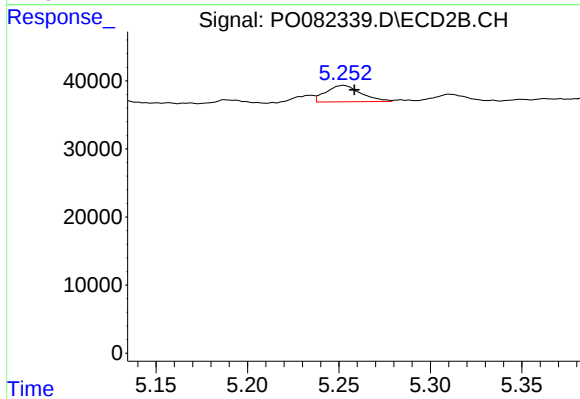
#3 AR-1016-1

R.T.: 5.235 min  
Delta R.T.: -0.003 min  
Response: 7111  
Conc: 5.87 ng/ml



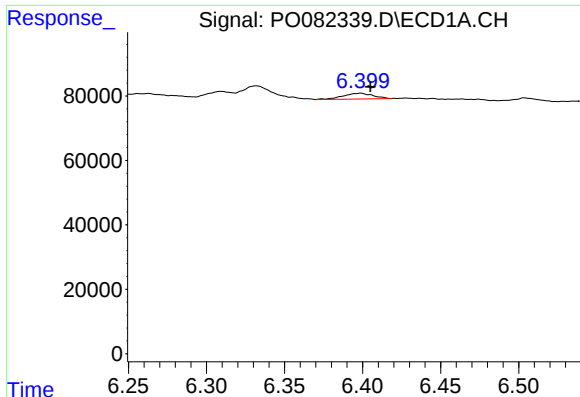
#4 AR-1016-2

R.T.: 6.332 min  
Delta R.T.: -0.006 min  
Response: 50371  
Conc: 13.94 ng/ml



#4 AR-1016-2

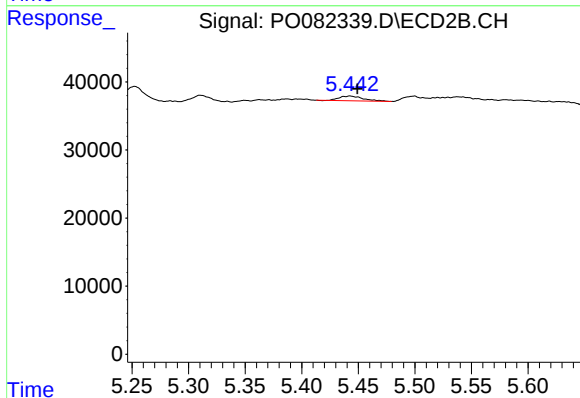
R.T.: 5.252 min  
Delta R.T.: -0.006 min  
Response: 31805  
Conc: 19.22 ng/ml



#5 AR-1016-3

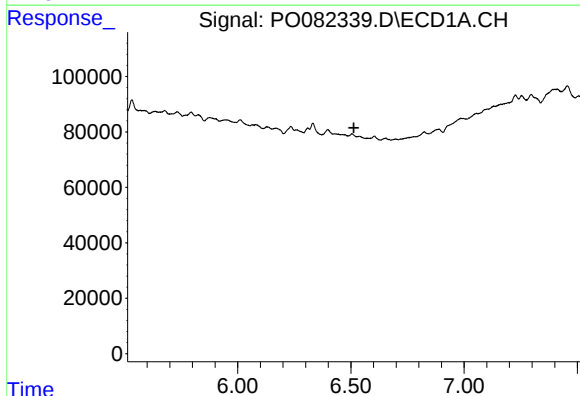
R.T.: 6.399 min  
Delta R.T.: -0.006 min  
Response: 23589  
Conc: 11.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



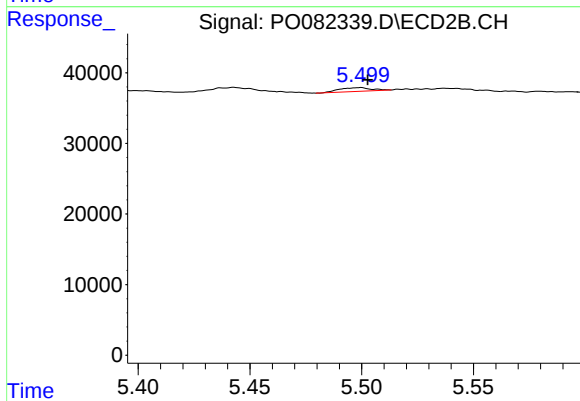
#5 AR-1016-3

R.T.: 5.443 min  
Delta R.T.: -0.006 min  
Response: 10341  
Conc: 11.62 ng/ml



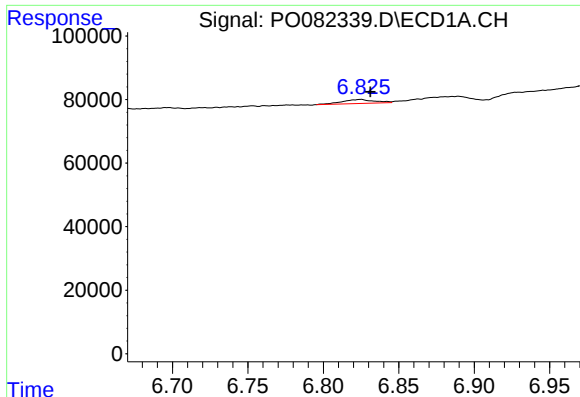
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 6.513 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

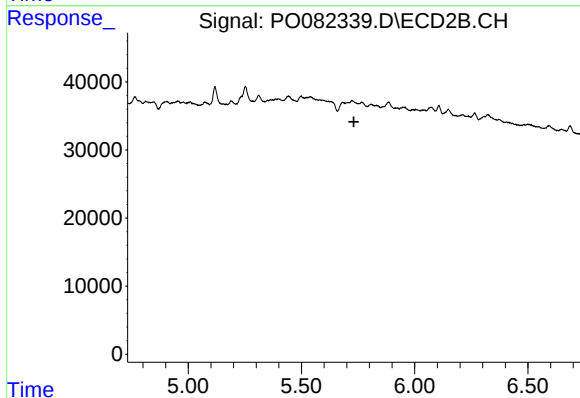
R.T.: 5.500 min  
Delta R.T.: -0.003 min  
Response: 5270  
Conc: 7.25 ng/ml



#7 AR-1016-5

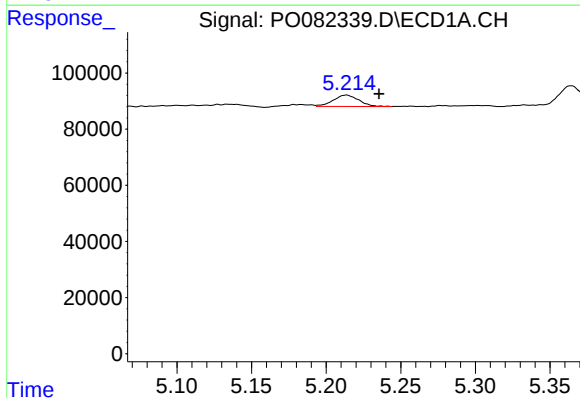
R.T.: 6.825 min  
Delta R.T.: -0.006 min  
Response: 18771  
Conc: 11.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



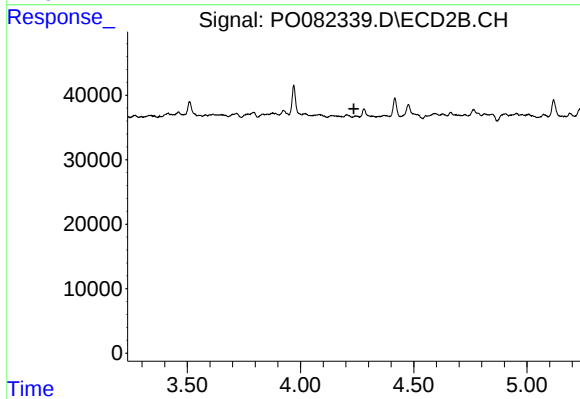
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.732 min  
Response: 0  
Conc: N.D.



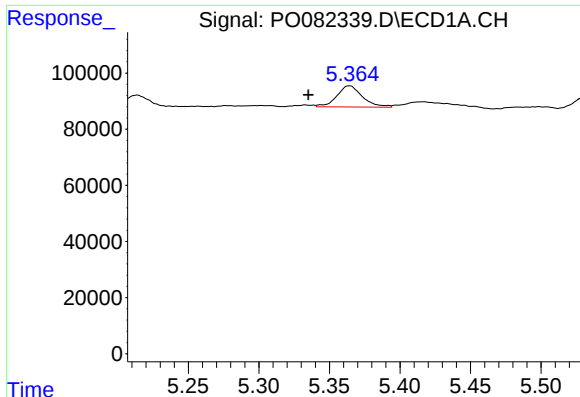
#8 AR-1221-1

R.T.: 5.214 min  
Delta R.T.: -0.022 min  
Response: 47562  
Conc: 55.04 ng/ml



#8 AR-1221-1

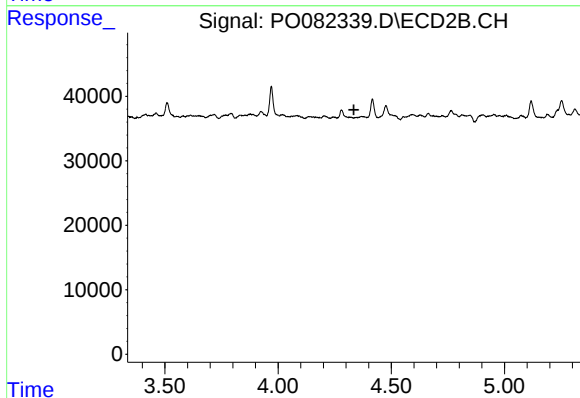
R.T.: 0.000 min  
Exp R.T. : 4.236 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

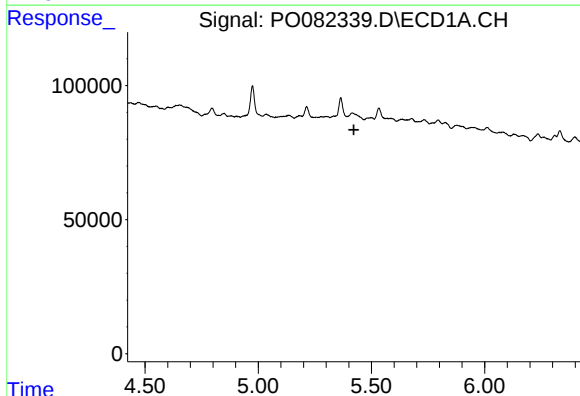
R.T.: 5.364 min  
Delta R.T.: 0.029 min  
Response: 95604  
Conc: 148.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



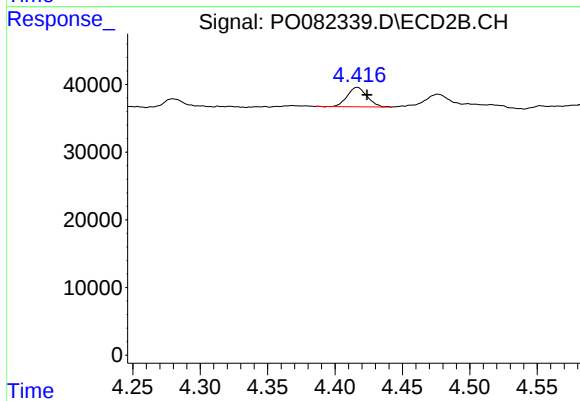
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.335 min  
Response: 0  
Conc: N.D.



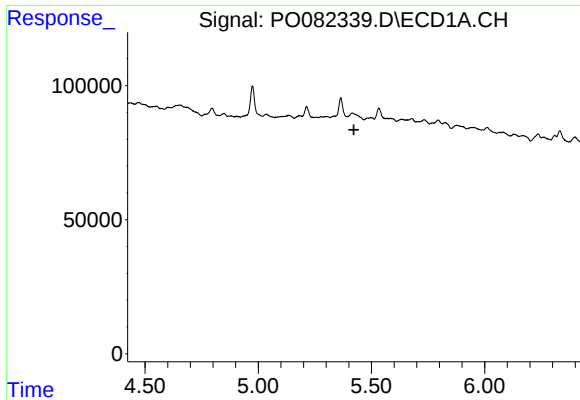
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 5.422 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

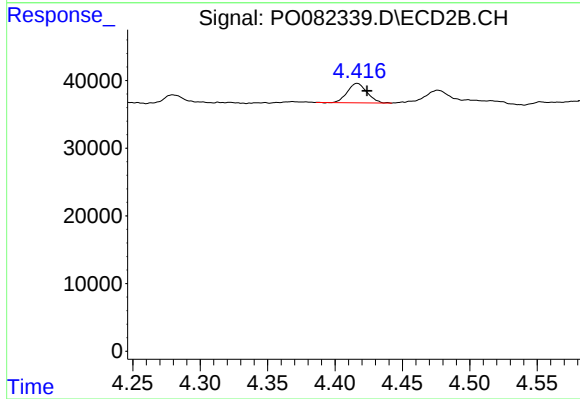
R.T.: 4.417 min  
Delta R.T.: -0.007 min  
Response: 29160  
Conc: 34.58 ng/ml



#11 AR-1232-1

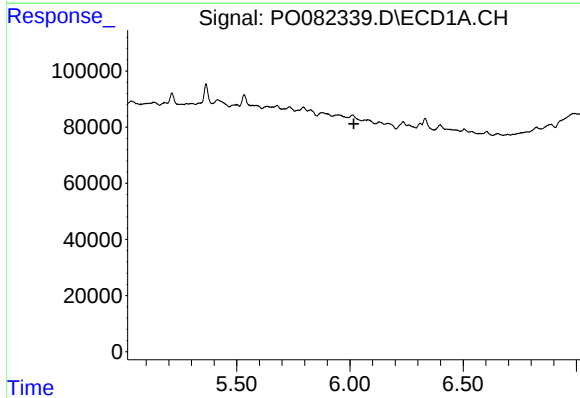
R.T.: 0.000 min  
Exp R.T. : 5.422 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



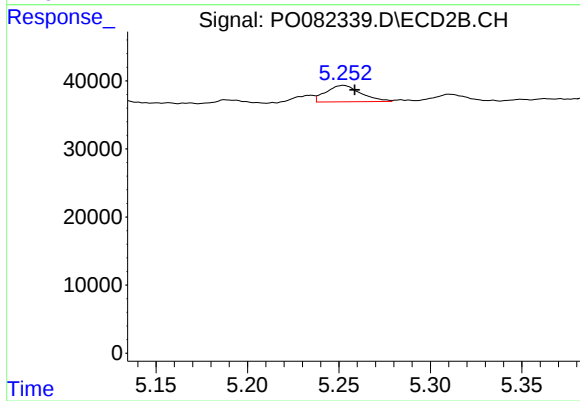
#11 AR-1232-1

R.T.: 4.417 min  
Delta R.T.: -0.007 min  
Response: 29160  
Conc: 44.31 ng/ml



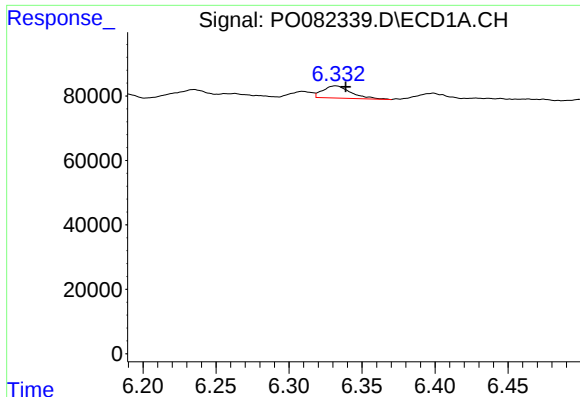
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 6.018 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

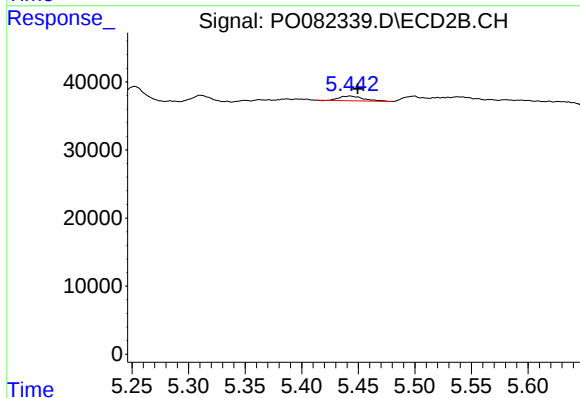
R.T.: 5.252 min  
Delta R.T.: -0.006 min  
Response: 31805  
Conc: 44.52 ng/ml



#13 AR-1232-3

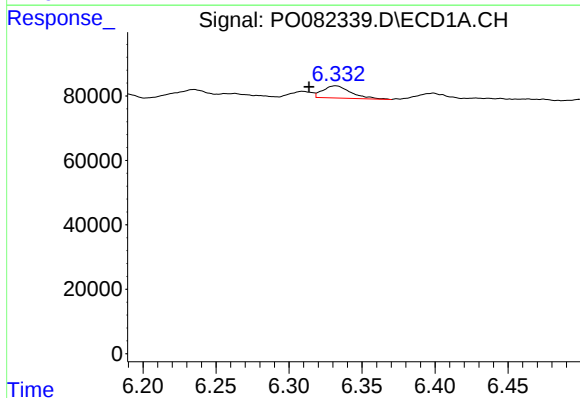
R.T.: 6.332 min  
Delta R.T.: -0.007 min  
Response: 50371  
Conc: 34.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



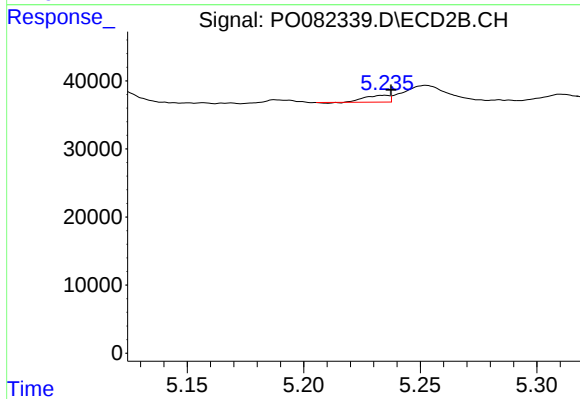
#13 AR-1232-3

R.T.: 5.443 min  
Delta R.T.: -0.007 min  
Response: 10341  
Conc: 27.28 ng/ml



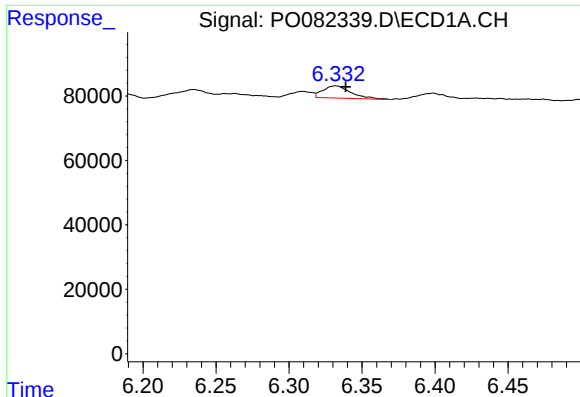
#16 AR-1242-1

R.T.: 6.332 min  
Delta R.T.: 0.018 min  
Response: 50371  
Conc: 26.53 ng/ml



#16 AR-1242-1

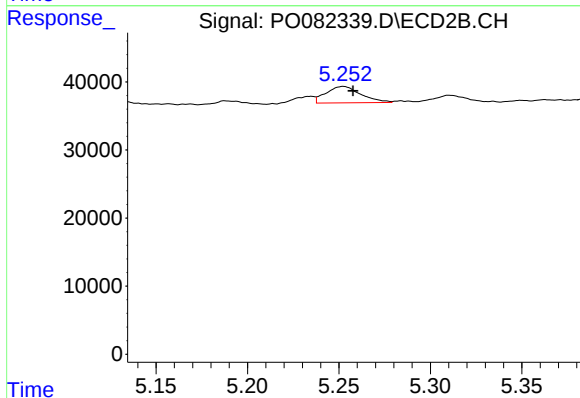
R.T.: 5.235 min  
Delta R.T.: -0.002 min  
Response: 7111  
Conc: 7.77 ng/ml



#17 AR-1242-2

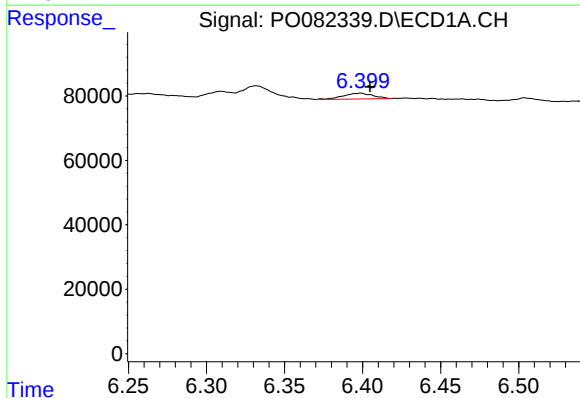
R.T.: 6.332 min  
Delta R.T.: -0.007 min  
Response: 50371  
Conc: 18.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



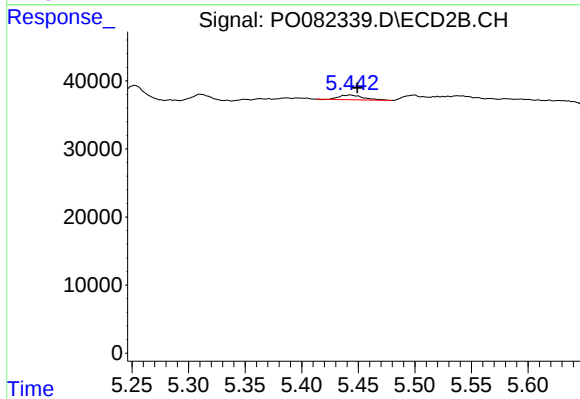
#17 AR-1242-2

R.T.: 5.252 min  
Delta R.T.: -0.005 min  
Response: 31805  
Conc: 25.92 ng/ml



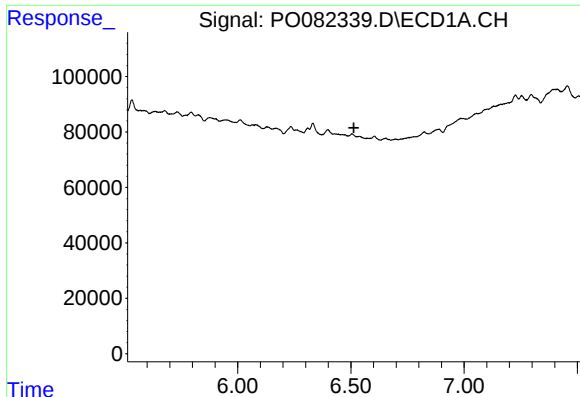
#18 AR-1242-3

R.T.: 6.399 min  
Delta R.T.: -0.006 min  
Response: 23589  
Conc: 14.58 ng/ml



#18 AR-1242-3

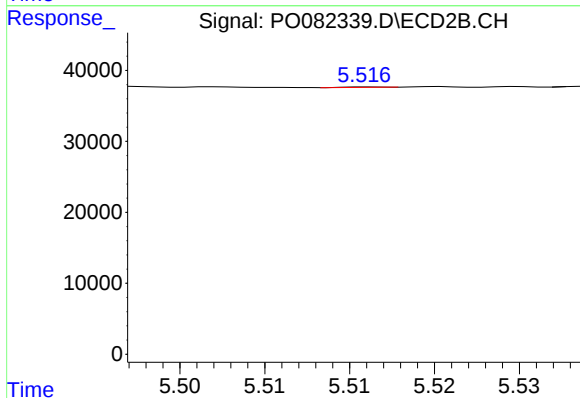
R.T.: 5.443 min  
Delta R.T.: -0.007 min  
Response: 10341  
Conc: 15.37 ng/ml



#19 AR-1242-4

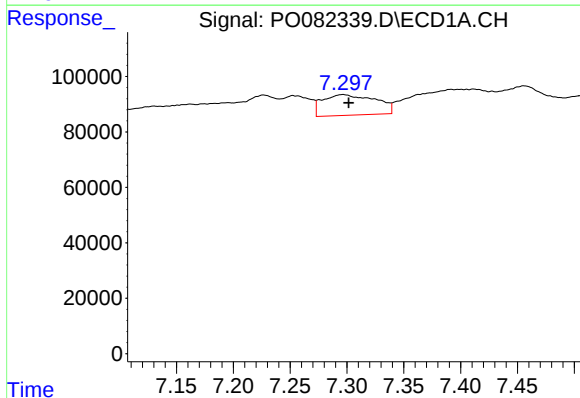
R.T.: 0.000 min  
Exp R.T.: 6.513 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



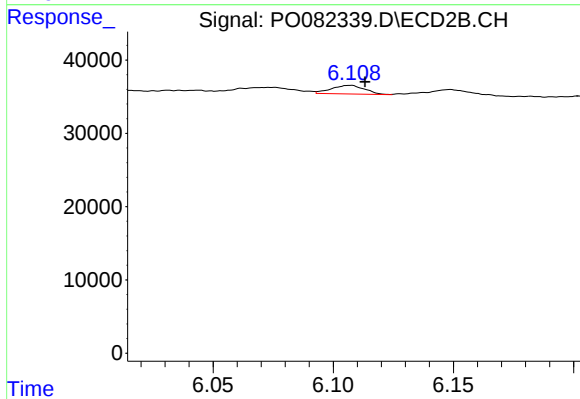
#19 AR-1242-4

R.T.: 5.516 min  
Delta R.T.: -0.029 min  
Response: 83  
Conc: 0.12 ng/ml



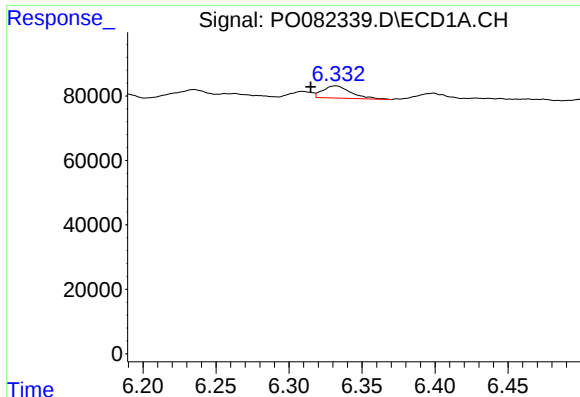
#20 AR-1242-5

R.T.: 7.297 min  
Delta R.T.: -0.005 min  
Response: 242925  
Conc: 191.00 ng/ml



#20 AR-1242-5

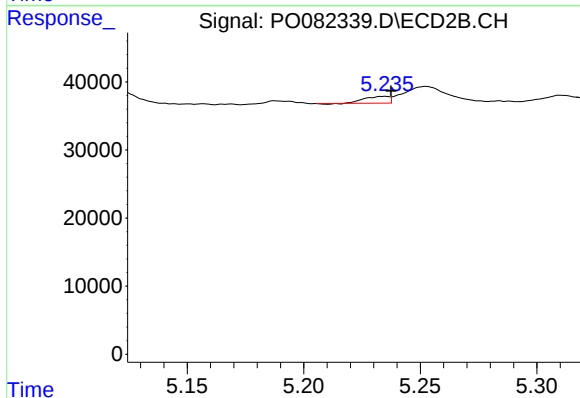
R.T.: 6.107 min  
Delta R.T.: -0.006 min  
Response: 11340  
Conc: 13.20 ng/ml



#21 AR-1248-1

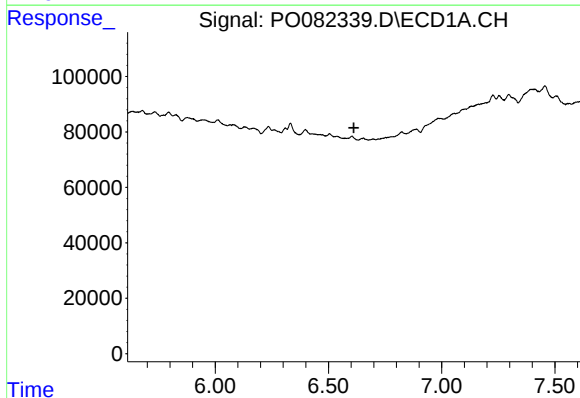
R.T.: 6.332 min  
Delta R.T.: 0.017 min  
Response: 50371  
Conc: 33.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



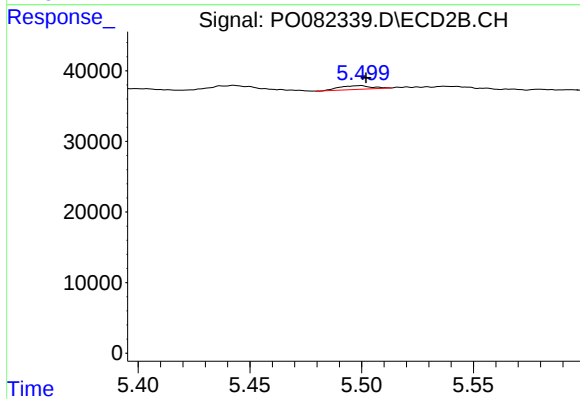
#21 AR-1248-1

R.T.: 5.235 min  
Delta R.T.: -0.003 min  
Response: 7111  
Conc: 9.74 ng/ml



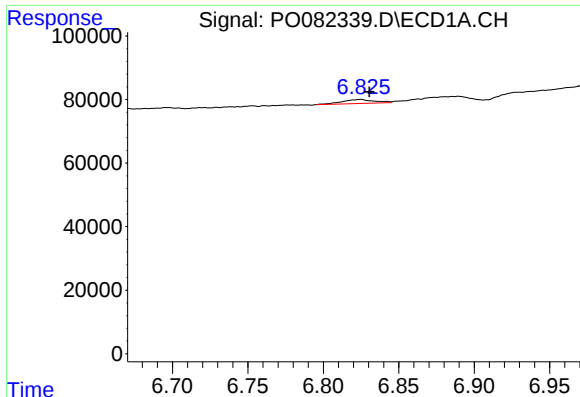
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.612 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

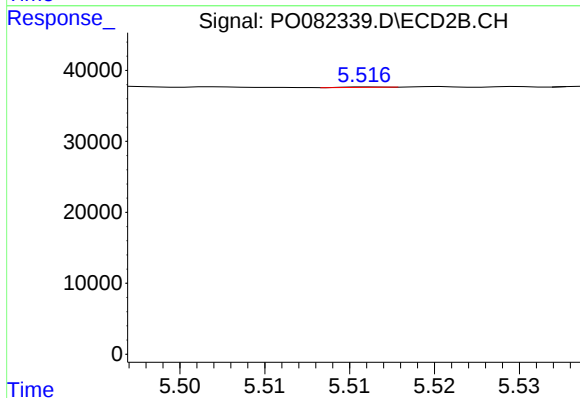
R.T.: 5.500 min  
Delta R.T.: -0.002 min  
Response: 5270  
Conc: 5.48 ng/ml



#23 AR-1248-3

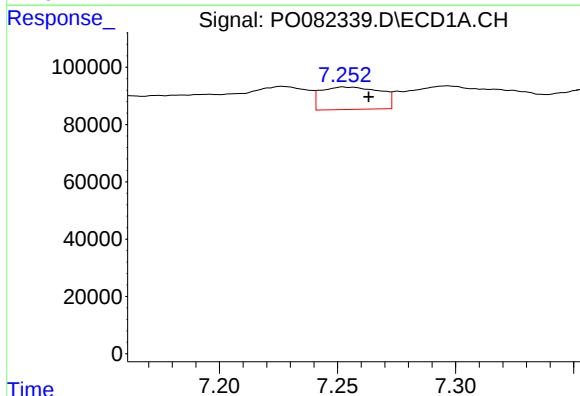
R.T.: 6.825 min  
Delta R.T.: -0.006 min  
Response: 18771  
Conc: 8.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



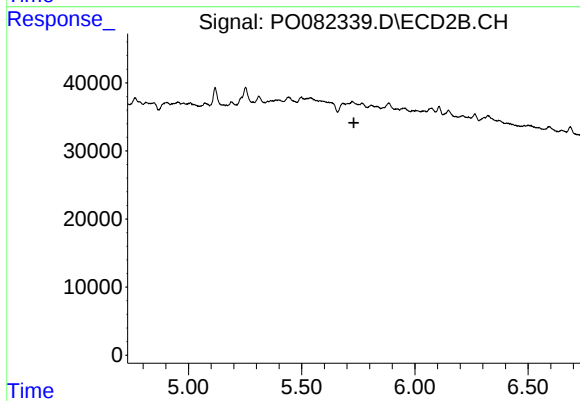
#23 AR-1248-3

R.T.: 5.516 min  
Delta R.T.: -0.030 min  
Response: 83  
Conc: 0.08 ng/ml



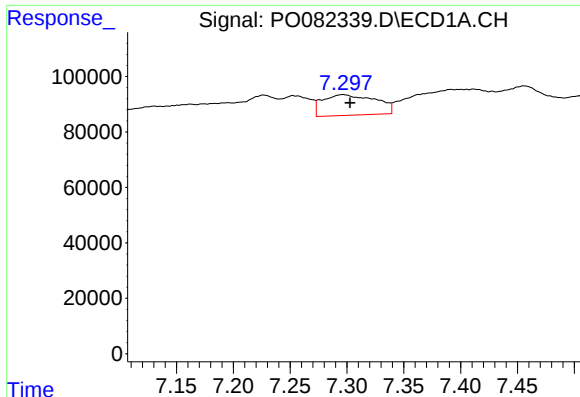
#24 AR-1248-4

R.T.: 7.253 min  
Delta R.T.: -0.011 min  
Response: 136313  
Conc: 57.78 ng/ml



#24 AR-1248-4

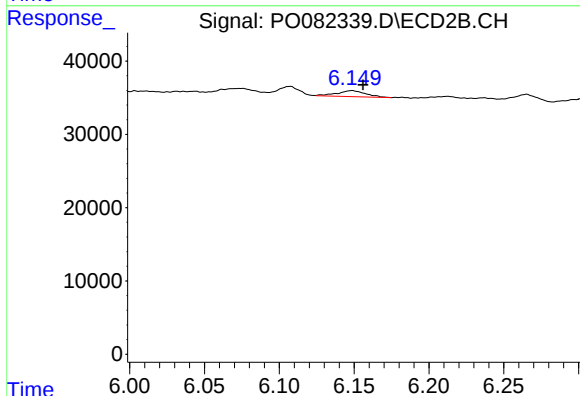
R.T.: 0.000 min  
Exp R.T.: 5.731 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

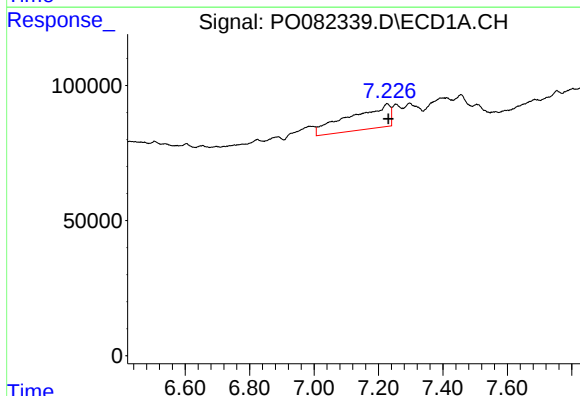
R.T.: 7.297 min  
Delta R.T.: -0.006 min  
Response: 242925  
Conc: 109.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



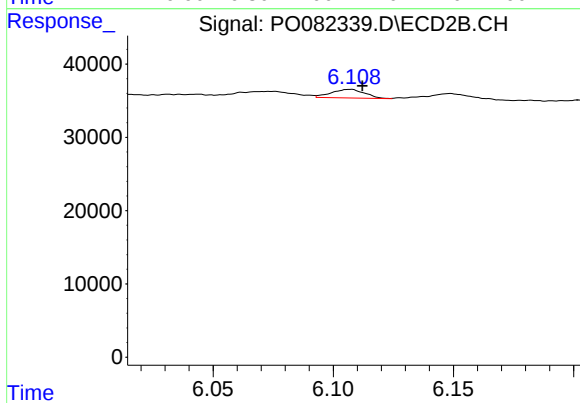
#25 AR-1248-5

R.T.: 6.149 min  
Delta R.T.: -0.007 min  
Response: 10703  
Conc: 9.85 ng/ml



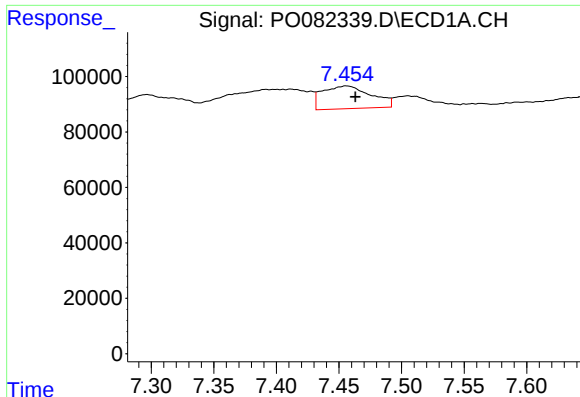
#26 AR-1254-1

R.T.: 7.226 min  
Delta R.T.: -0.005 min  
Response: 767718  
Conc: 320.56 ng/ml



#26 AR-1254-1

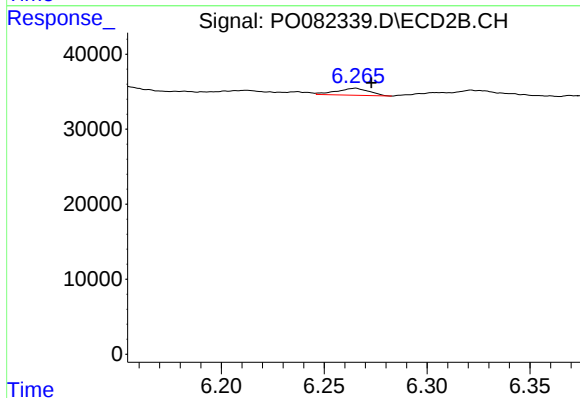
R.T.: 6.107 min  
Delta R.T.: -0.005 min  
Response: 11340  
Conc: 6.81 ng/ml



#27 AR-1254-2

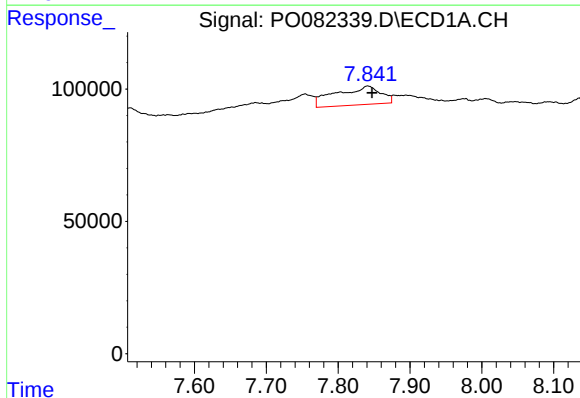
R.T.: 7.456 min  
Delta R.T.: -0.007 min  
Response: 221667  
Conc: 60.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



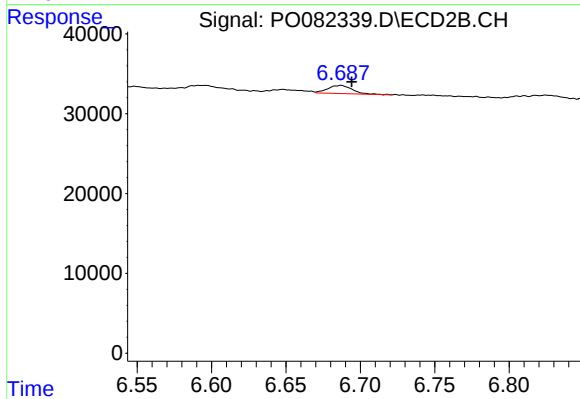
#27 AR-1254-2

R.T.: 6.265 min  
Delta R.T.: -0.008 min  
Response: 10272  
Conc: 6.88 ng/ml



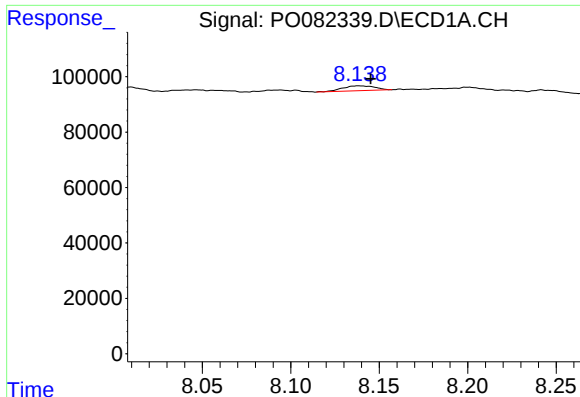
#28 AR-1254-3

R.T.: 7.841 min  
Delta R.T.: -0.006 min  
Response: 304408  
Conc: 84.12 ng/ml



#28 AR-1254-3

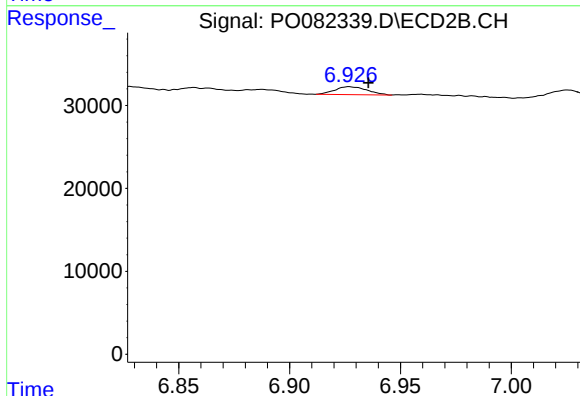
R.T.: 6.687 min  
Delta R.T.: -0.007 min  
Response: 11774  
Conc: 5.26 ng/ml



#29 AR-1254-4

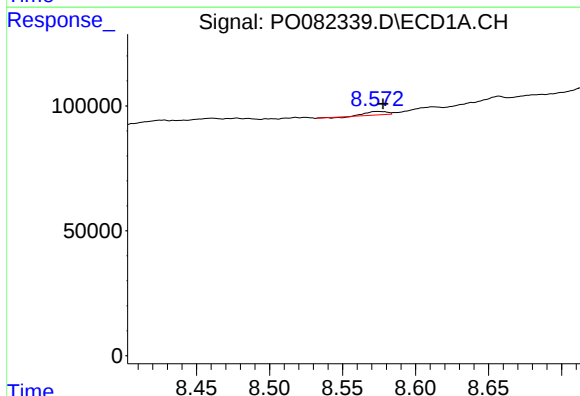
R.T.: 8.139 min  
Delta R.T.: -0.006 min  
Response: 22307  
Conc: 8.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



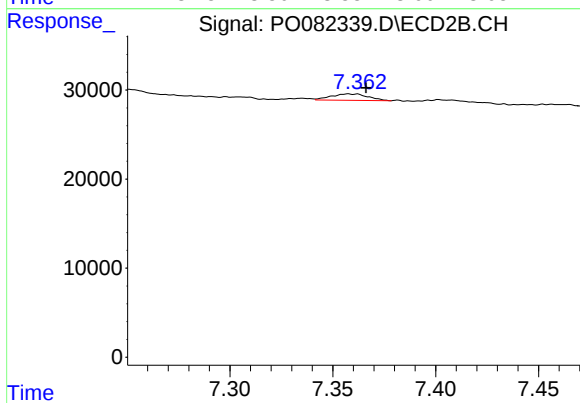
#29 AR-1254-4

R.T.: 6.927 min  
Delta R.T.: -0.009 min  
Response: 9589  
Conc: 6.53 ng/ml



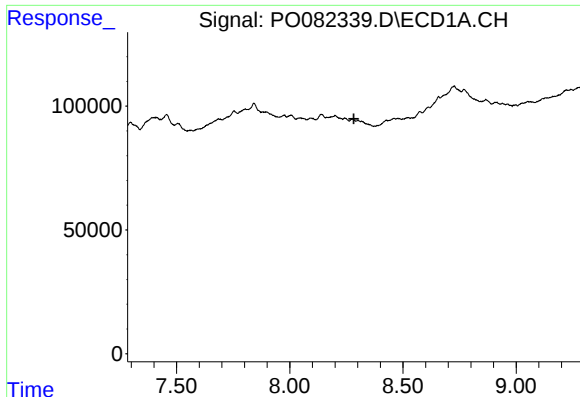
#30 AR-1254-5

R.T.: 8.574 min  
Delta R.T.: -0.004 min  
Response: 13451  
Conc: 4.62 ng/ml



#30 AR-1254-5

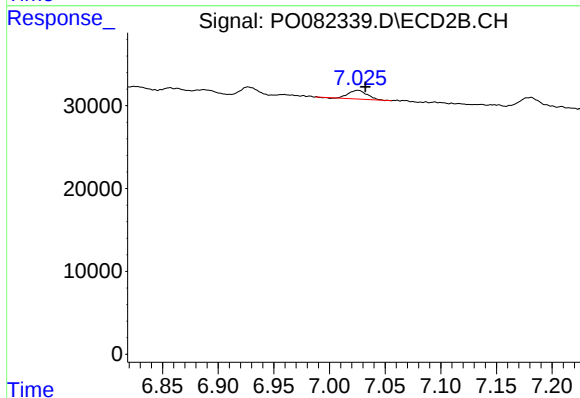
R.T.: 7.358 min  
Delta R.T.: -0.009 min  
Response: 8952  
Conc: 4.35 ng/ml



#32 AR-1260-2

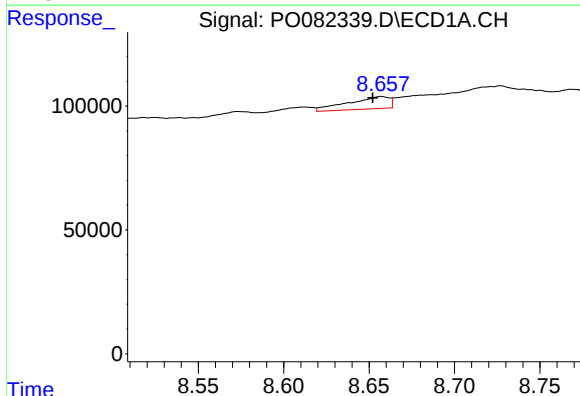
R.T.: 0.000 min  
Exp R.T.: 8.283 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



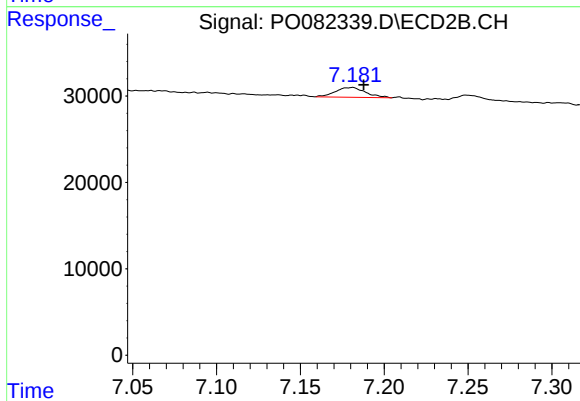
#32 AR-1260-2

R.T.: 7.025 min  
Delta R.T.: -0.007 min  
Response: 12042  
Conc: 6.00 ng/ml



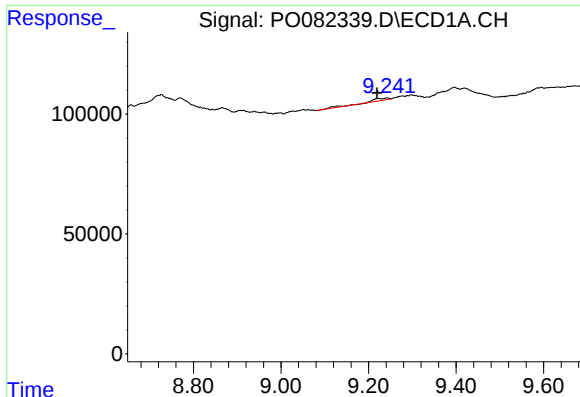
#33 AR-1260-3

R.T.: 8.657 min  
Delta R.T.: 0.005 min  
Response: 83192  
Conc: 36.91 ng/ml



#33 AR-1260-3

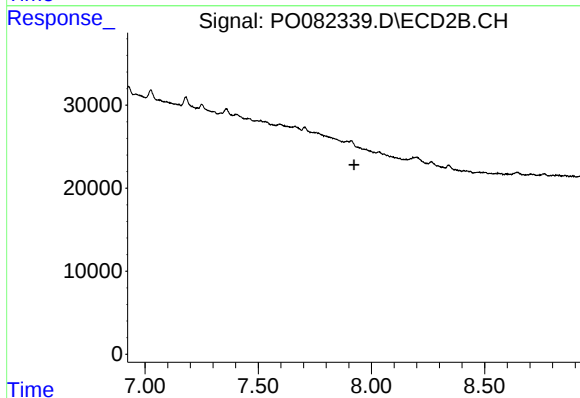
R.T.: 7.181 min  
Delta R.T.: -0.007 min  
Response: 14194  
Conc: 7.49 ng/ml



#35 AR-1260-5

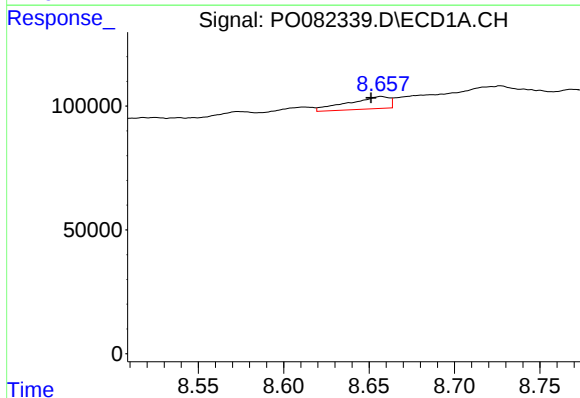
R.T.: 9.242 min  
Delta R.T.: 0.022 min  
Response: 28436  
Conc: 5.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



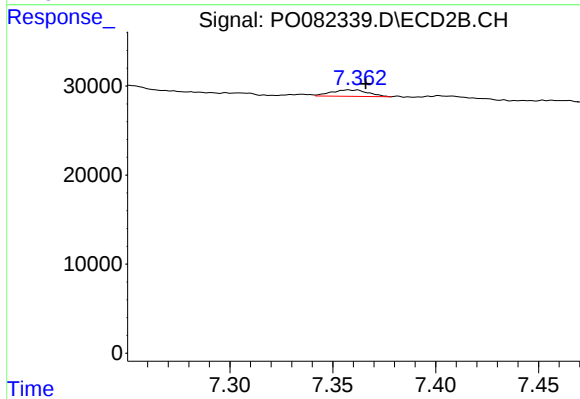
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.923 min  
Response: 0  
Conc: N.D.



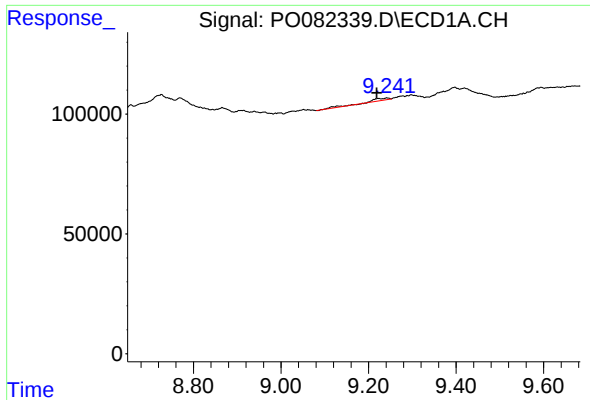
#36 AR-1262-1

R.T.: 8.657 min  
Delta R.T.: 0.006 min  
Response: 83192  
Conc: 24.32 ng/ml



#36 AR-1262-1

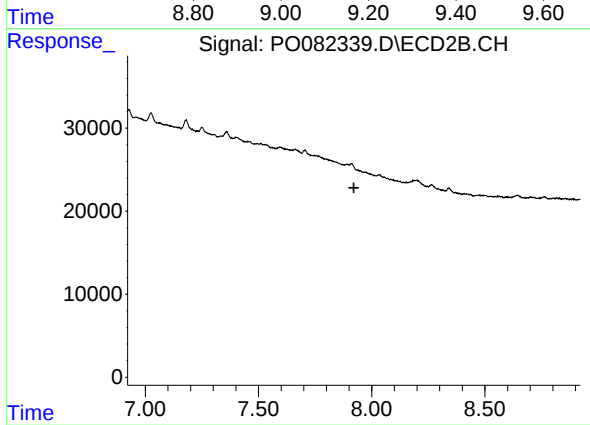
R.T.: 7.358 min  
Delta R.T.: -0.008 min  
Response: 8952  
Conc: 8.12 ng/ml



#37 AR-1262-2

R.T.: 9.242 min  
Delta R.T.: 0.023 min  
Response: 28436  
Conc: 4.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.921 min  
Response: 0  
Conc: N.D.