

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0090619\  
 Data File : P0060419.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 06 Sep 2019 12:27  
 Operator : SM/AJ  
 Sample : K4720-01 5X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 06 17:03:35 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0081719.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Sep 06 16:33:49 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... | 4.117 | 3.488 | 152408 | 138338 | 4.353  | 3.843    |
| 2)                          | SA Decachlor... | 9.565 | 8.340 | 222448 | 167103 | 4.181  | 4.144    |
| Target Compounds            |                 |       |       |        |        |        |          |
| 3)                          | L1 AR-1016-1    | 5.282 | 0.000 | 4069   | 0      | 2.537  | N.D. #   |
| 4)                          | L1 AR-1016-2    | 5.282 | 0.000 | 4069   | 0      | 1.701  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 5.316 | 0.000 | 1696   | 0      | 1.138  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.389 | 0.000 | 3249   | 0      | 2.686  | N.D. #   |
| 13)                         | L3 AR-1232-3    | 5.292 | 0.000 | 1793   | 0      | 1.171  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.624 | 0.000 | 2294   | 0      | 3.816  | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.292 | 0.000 | 1793   | 0      | 1.412  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 5.292 | 0.000 | 1793   | 0      | 0.966  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 5.358 | 0.000 | 2117   | 0      | 1.811  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.197 | 0.000 | 10999  | 0      | 8.753  | N.D. #   |
| 21)                         | L5 AR-1248-1    | 5.282 | 0.000 | 4069   | 0      | 4.059  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 5.635 | 0.000 | 331    | 0      | 0.199  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.137 | 0.000 | 2183   | 0      | 1.068  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.167 | 0.000 | 3499   | 0      | 1.765  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.103 | 0.000 | 9037   | 0      | 4.331  | N.D. #   |
| 27)                         | L6 AR-1254-2    | 6.321 | 0.000 | 2238   | 0      | 0.671  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 6.679 | 0.000 | 30571  | 0      | 8.615  | N.D. #   |
| 29)                         | L6 AR-1254-4    | 6.958 | 0.000 | 28289  | 0      | 9.604  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 7.409 | 6.484 | 32727  | 113129 | 10.583 | 36.435 # |
| 31)                         | L7 AR-1260-1    | 6.837 | 0.000 | 30543  | 0      | 11.330 | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.076 | 0.000 | 100652 | 0      | 27.126 | N.D. #   |
| 33)                         | L7 AR-1260-3    | 7.429 | 0.000 | 54130  | 0      | 16.522 | N.D. #   |
| 34)                         | L7 AR-1260-4    | 7.657 | 6.774 | 189233 | 39996  | 61.613 | 17.677 # |
| 35)                         | L7 AR-1260-5    | 7.969 | 7.013 | 234769 | 93544  | 33.155 | 16.998 # |
| 36)                         | L8 AR-1262-1    | 7.527 | 6.484 | 8799   | 113129 | 1.813  | 30.349 # |
| 37)                         | L8 AR-1262-2    | 8.023 | 7.013 | 50873  | 93544  | 6.593  | 15.911 # |
| 38)                         | L8 AR-1262-3    | 8.320 | 7.292 | 169499 | 18151  | 33.220 | 7.143 #  |
| 39)                         | L8 AR-1262-4    | 8.359 | 7.356 | 32022  | 68714  | 8.307  | 15.550 # |
| 40)                         | L8 AR-1262-5    | 8.950 | 7.846 | 12152  | 19204  | 4.735  | 10.636 # |
| 41)                         | L9 AR-1268-1    | 8.320 | 7.292 | 169499 | 18151  | 18.011 | 2.549 #  |
| 42)                         | L9 AR-1268-2    | 8.359 | 7.356 | 32022  | 68714  | 4.062  | 10.657 # |
| 43)                         | L9 AR-1268-3    | 8.600 | 0.000 | 96900  | 0      | 13.747 | N.D. #   |
| 44)                         | L9 AR-1268-4    | 8.950 | 7.846 | 12152  | 19204  | 4.371  | 9.408 #  |
| 45)                         | L9 AR-1268-5    | 9.373 | 8.121 | 35701  | 22476  | 1.936  | 1.547    |
| -----                       |                 |       |       |        |        |        |          |

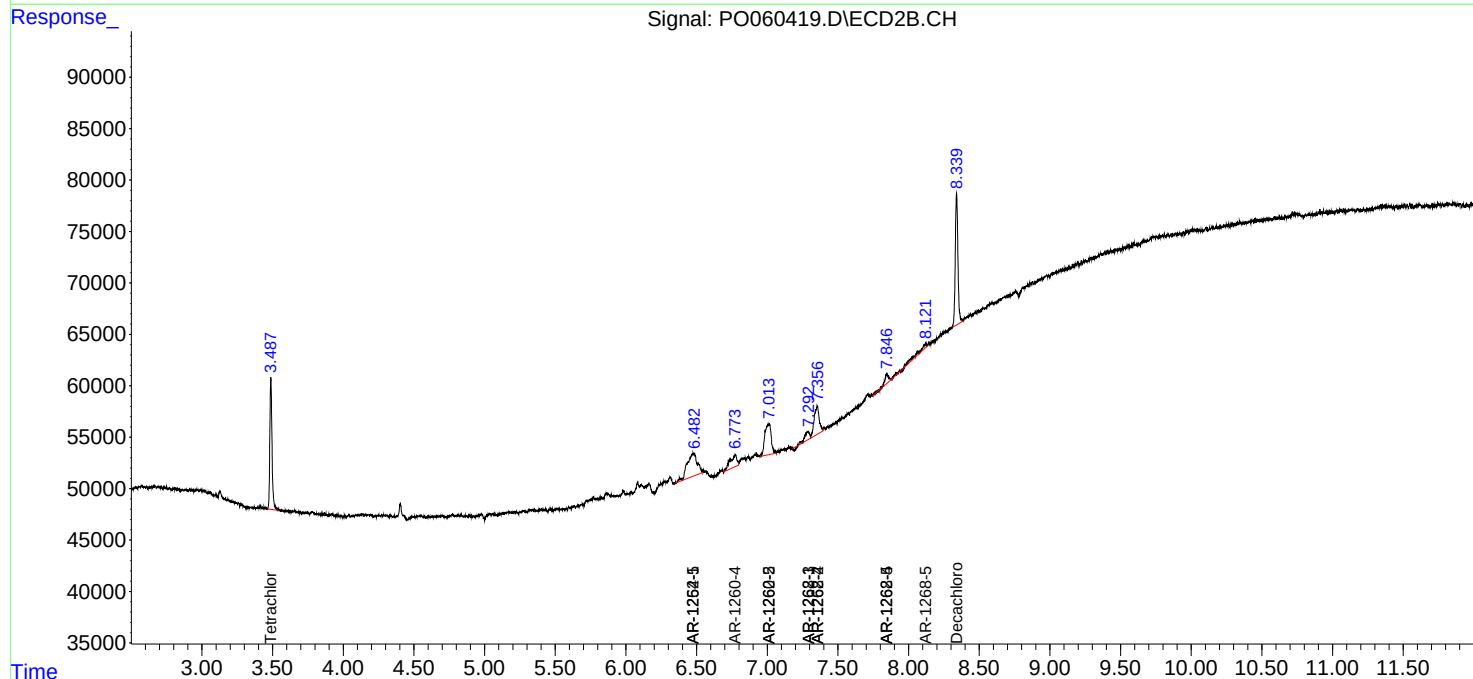
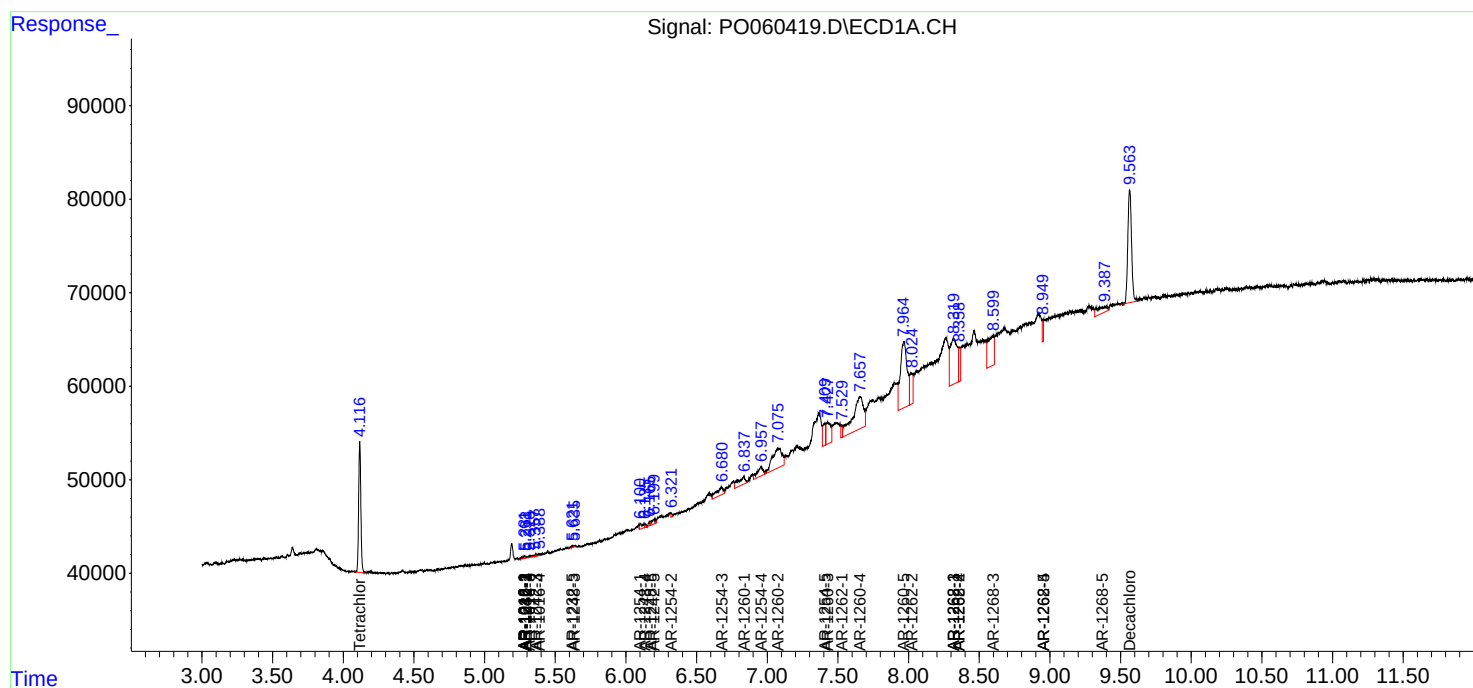
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

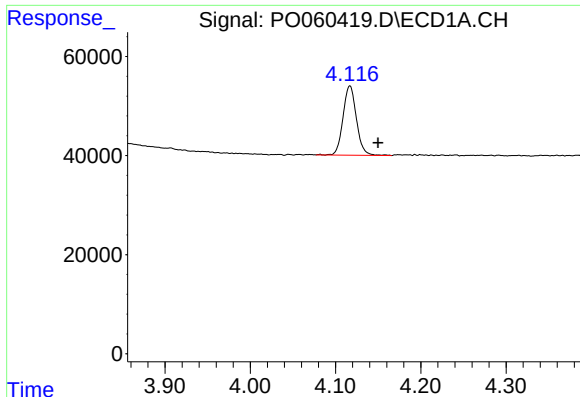
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO090619\  
Data File : PO060419.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 06 Sep 2019 12:27  
Operator : SM/AJ  
Sample : K4720-01 5X  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 06 17:03:35 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO081719.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Sep 06 16:33:49 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

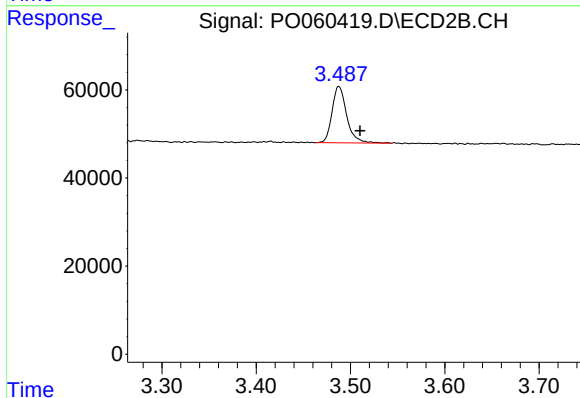




#1 Tetrachloro-m-xylene

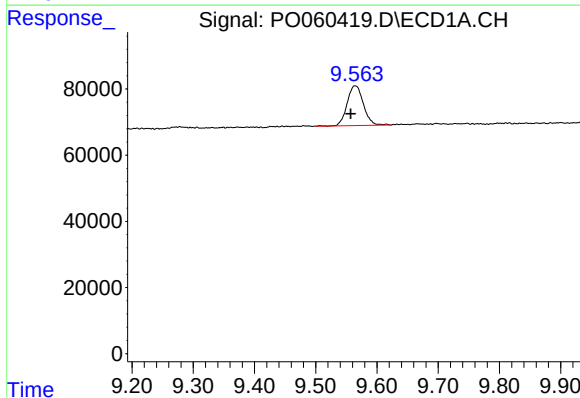
R.T.: 4.117 min  
Delta R.T.: -0.033 min  
Response: 152408  
Conc: 4.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



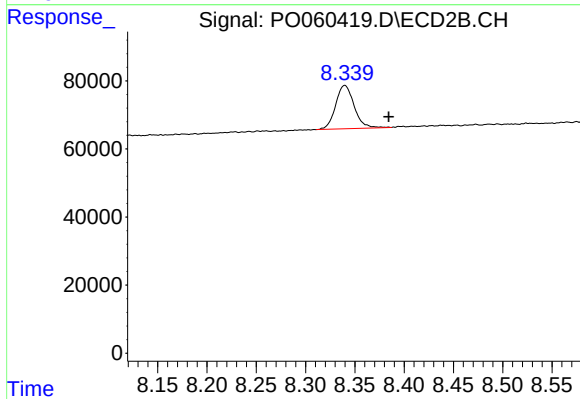
#1 Tetrachloro-m-xylene

R.T.: 3.488 min  
Delta R.T.: -0.022 min  
Response: 138338  
Conc: 3.84 ng/ml



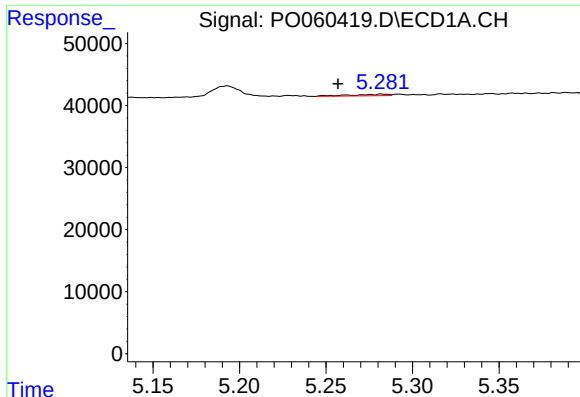
#2 Decachlorobiphenyl

R.T.: 9.565 min  
Delta R.T.: 0.008 min  
Response: 222448  
Conc: 4.18 ng/ml



#2 Decachlorobiphenyl

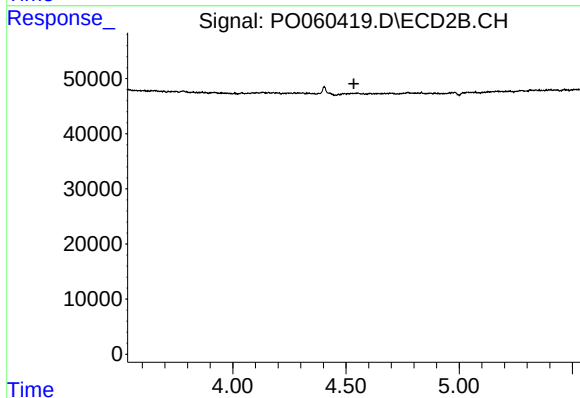
R.T.: 8.340 min  
Delta R.T.: -0.044 min  
Response: 167103  
Conc: 4.14 ng/ml



#3 AR-1016-1

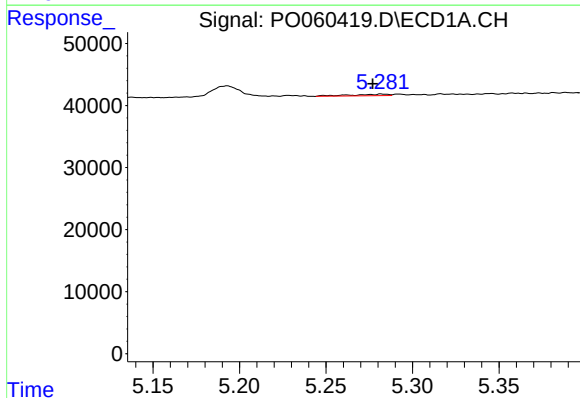
R.T.: 5.282 min  
Delta R.T.: 0.025 min  
Response: 4069  
Conc: 2.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



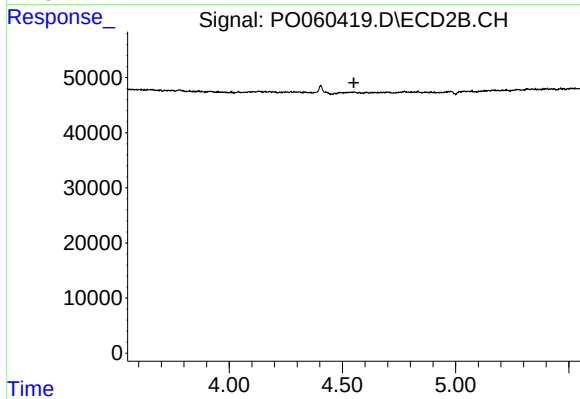
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.535 min  
Response: 0  
Conc: N.D.



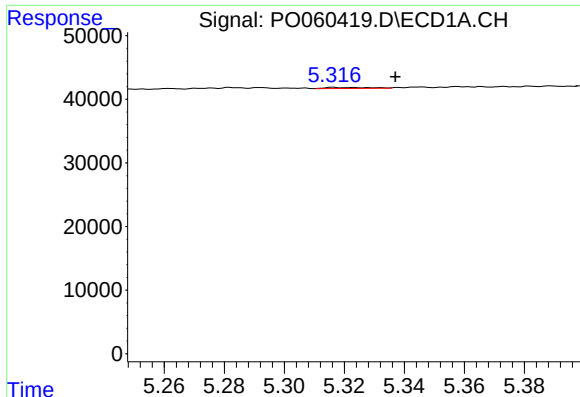
#4 AR-1016-2

R.T.: 5.282 min  
Delta R.T.: 0.005 min  
Response: 4069  
Conc: 1.70 ng/ml



#4 AR-1016-2

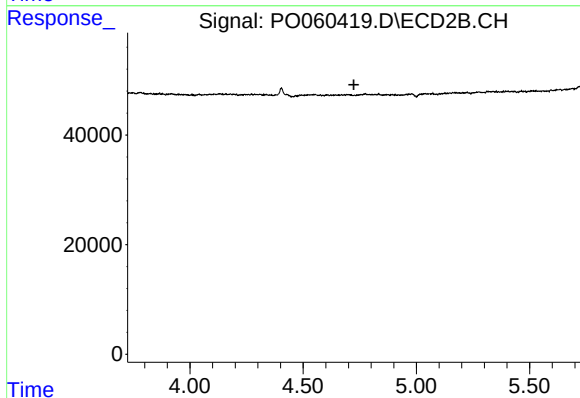
R.T.: 0.000 min  
Exp R.T. : 4.551 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

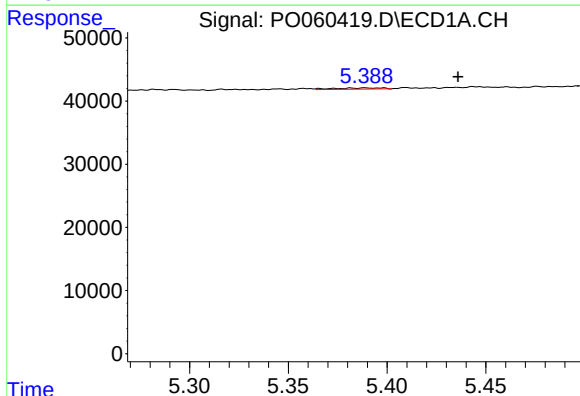
R.T.: 5.316 min  
Delta R.T.: -0.021 min  
Response: 1696  
Conc: 1.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



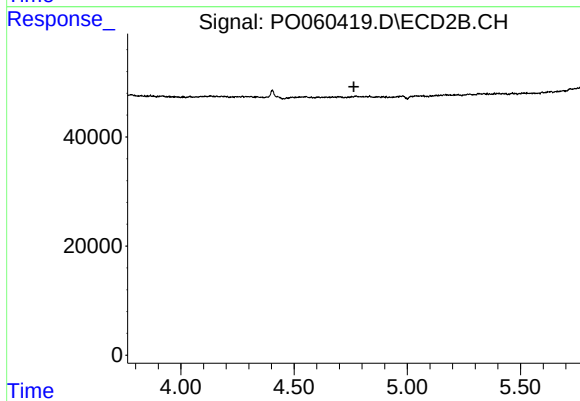
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.724 min  
Response: 0  
Conc: N.D.



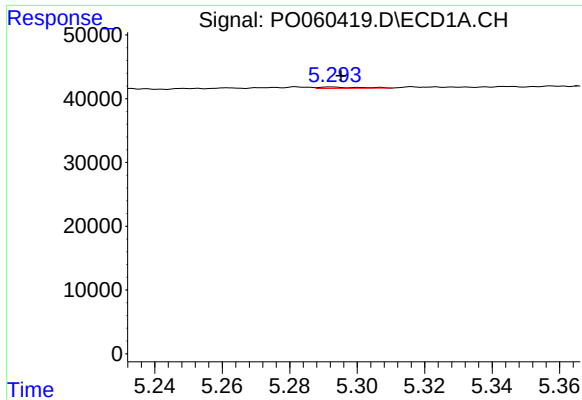
#6 AR-1016-4

R.T.: 5.389 min  
Delta R.T.: -0.047 min  
Response: 3249  
Conc: 2.69 ng/ml



#6 AR-1016-4

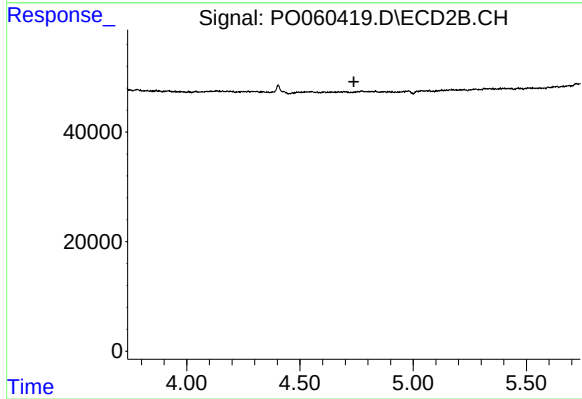
R.T.: 0.000 min  
Exp R.T. : 4.764 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

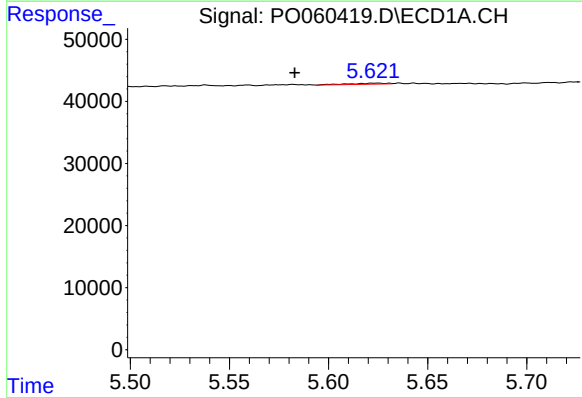
R.T.: 5.292 min  
Delta R.T.: -0.003 min  
Response: 1793  
Conc: 1.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



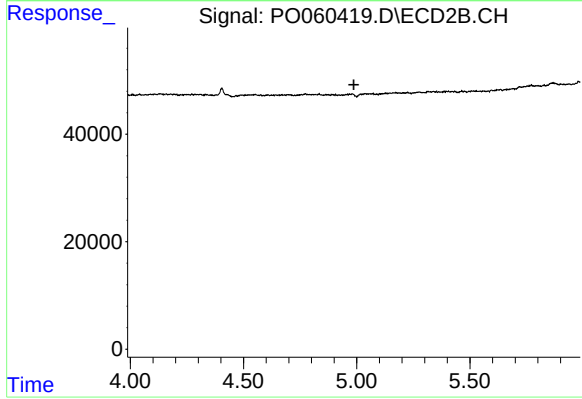
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.738 min  
Response: 0  
Conc: N.D.



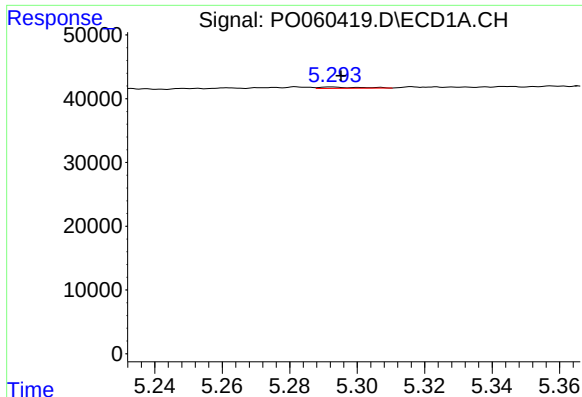
#15 AR-1232-5

R.T.: 5.624 min  
Delta R.T.: 0.041 min  
Response: 2294  
Conc: 3.82 ng/ml



#15 AR-1232-5

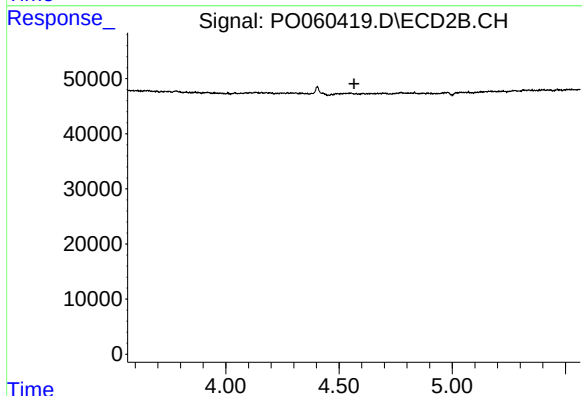
R.T.: 0.000 min  
Exp R.T. : 4.987 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

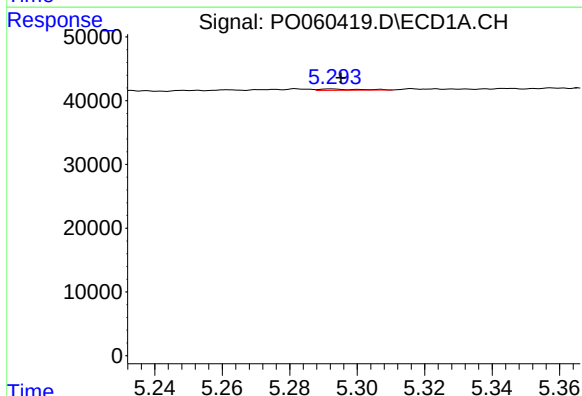
R.T.: 5.292 min  
Delta R.T.: -0.003 min  
Response: 1793  
Conc: 1.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



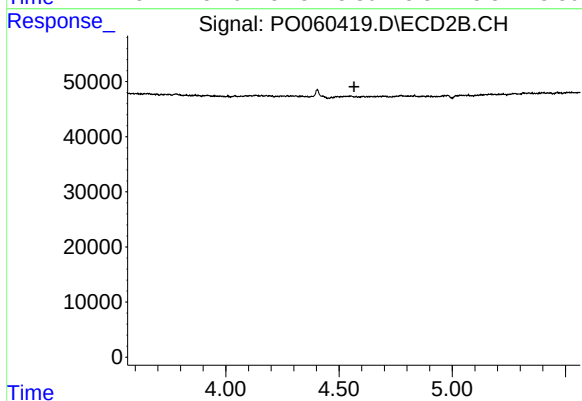
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.566 min  
Response: 0  
Conc: N.D.



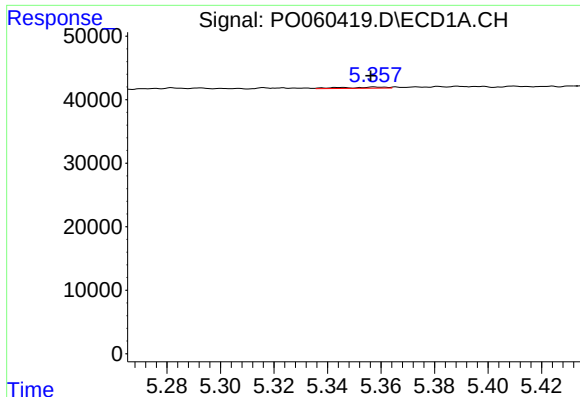
#17 AR-1242-2

R.T.: 5.292 min  
Delta R.T.: -0.003 min  
Response: 1793  
Conc: 0.97 ng/ml



#17 AR-1242-2

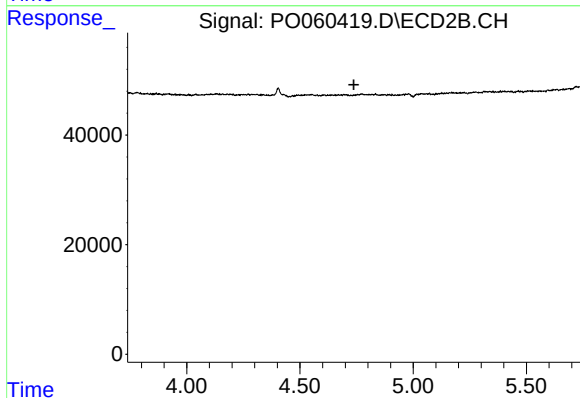
R.T.: 0.000 min  
Exp R.T. : 4.566 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

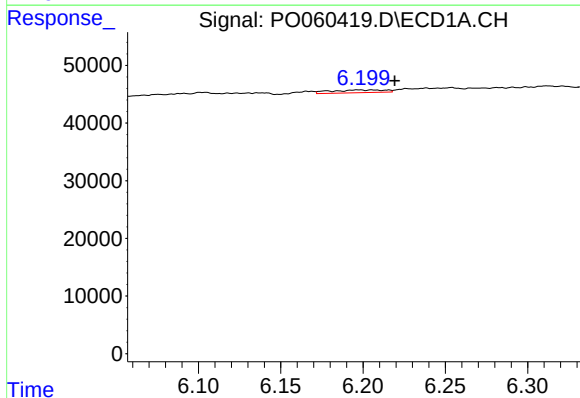
R.T.: 5.358 min  
Delta R.T.: 0.002 min  
Response: 2117  
Conc: 1.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



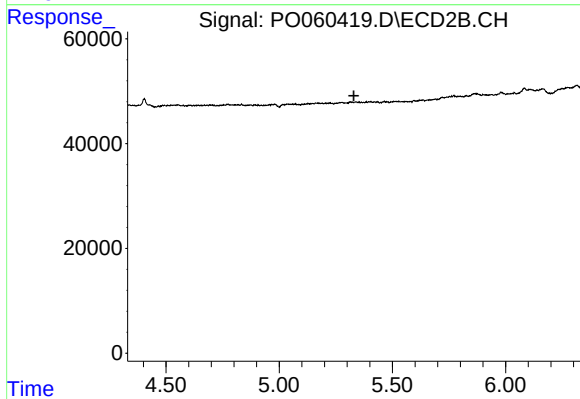
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.738 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

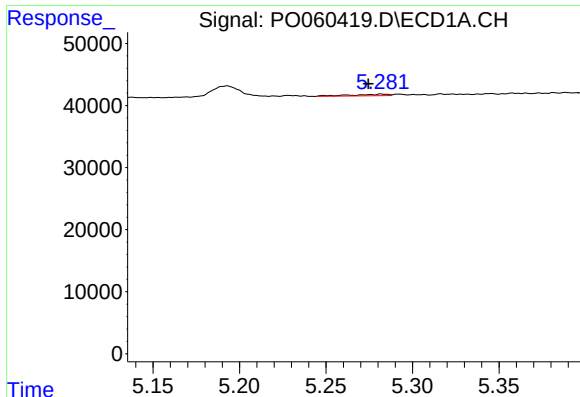
R.T.: 6.197 min  
Delta R.T.: -0.022 min  
Response: 10999  
Conc: 8.75 ng/ml



#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 5.330 min  
Response: 0  
Conc: N.D.

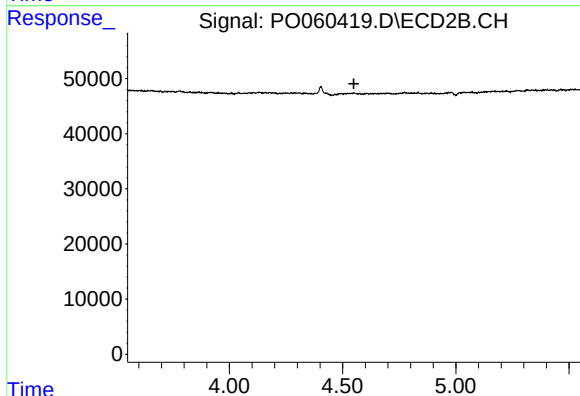




#21 AR-1248-1

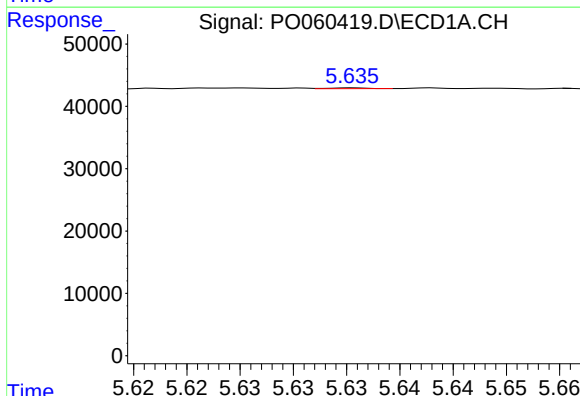
R.T.: 5.282 min  
Delta R.T.: 0.008 min  
Response: 4069  
Conc: 4.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



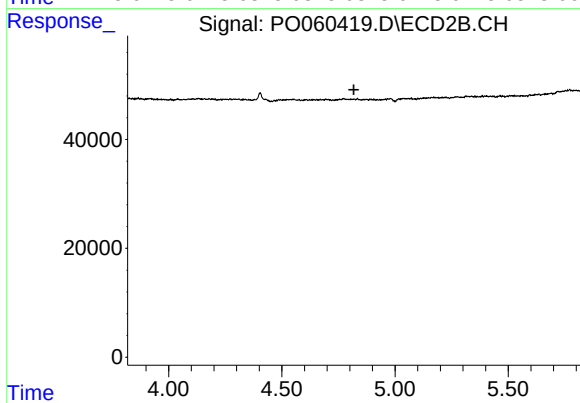
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.550 min  
Response: 0  
Conc: N.D.



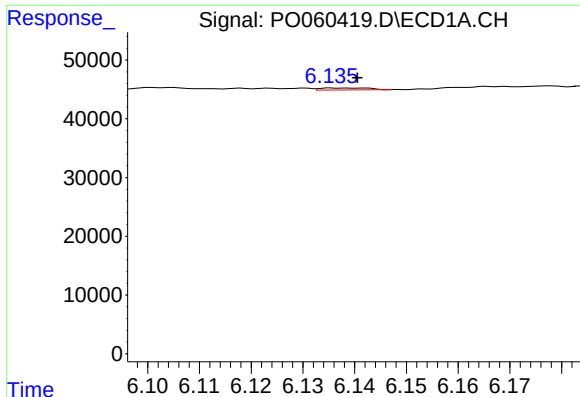
#23 AR-1248-3

R.T.: 5.635 min  
Delta R.T.: -0.070 min  
Response: 331  
Conc: 0.20 ng/ml



#23 AR-1248-3

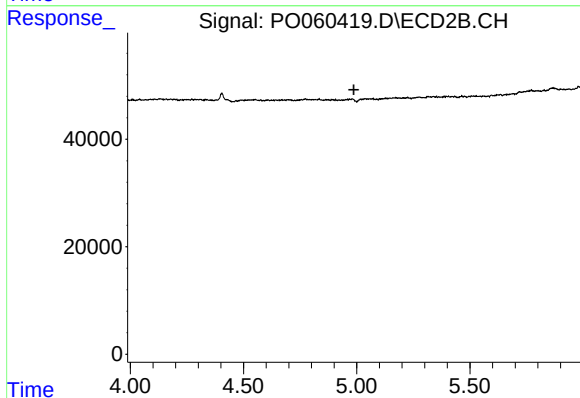
R.T.: 0.000 min  
Exp R.T. : 4.819 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

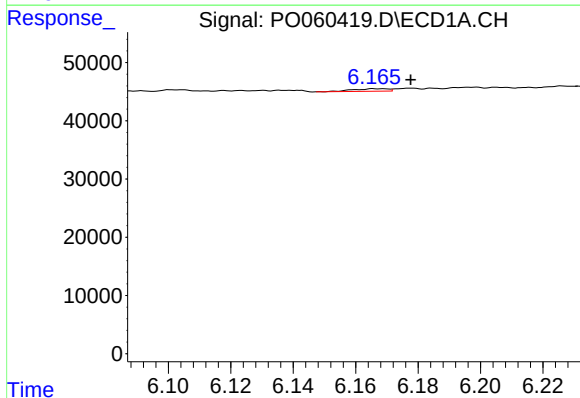
R.T.: 6.137 min  
Delta R.T.: -0.003 min  
Response: 2183  
Conc: 1.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



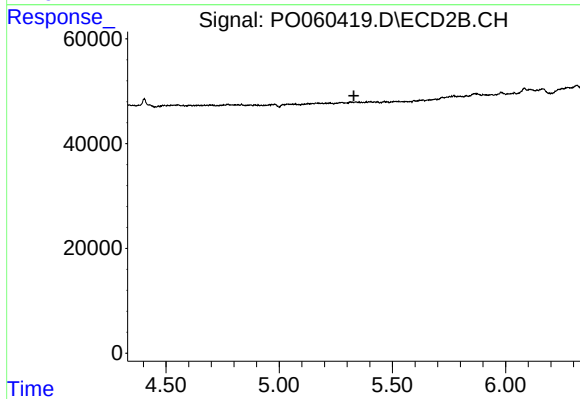
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 4.987 min  
Response: 0  
Conc: N.D.



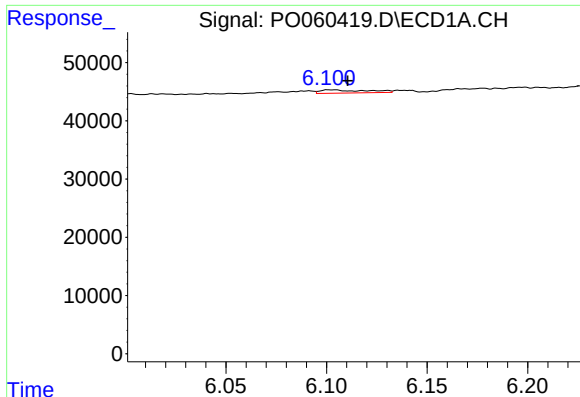
#25 AR-1248-5

R.T.: 6.167 min  
Delta R.T.: -0.010 min  
Response: 3499  
Conc: 1.76 ng/ml



#25 AR-1248-5

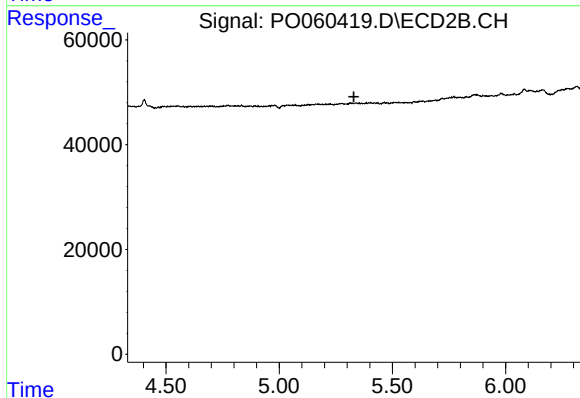
R.T.: 0.000 min  
Exp R.T. : 5.330 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

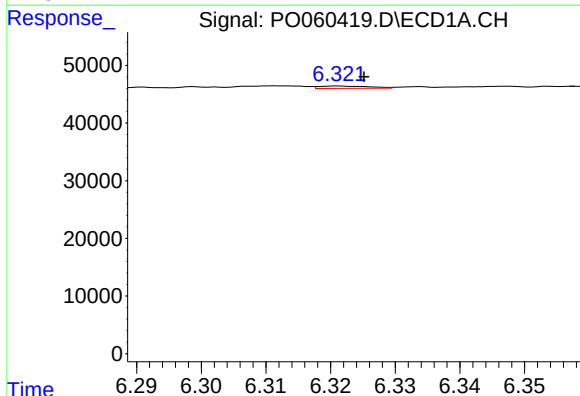
R.T.: 6.103 min  
Delta R.T.: -0.008 min  
Response: 9037  
Conc: 4.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



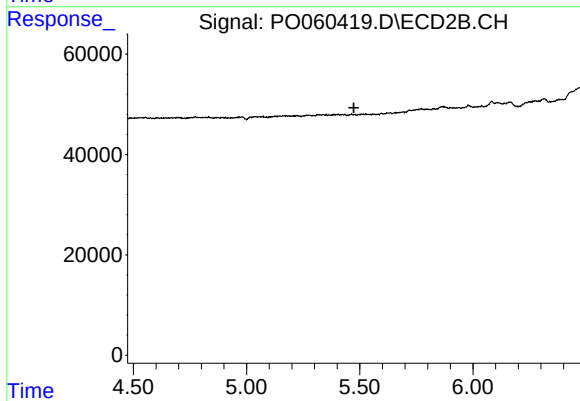
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 5.330 min  
Response: 0  
Conc: N.D.



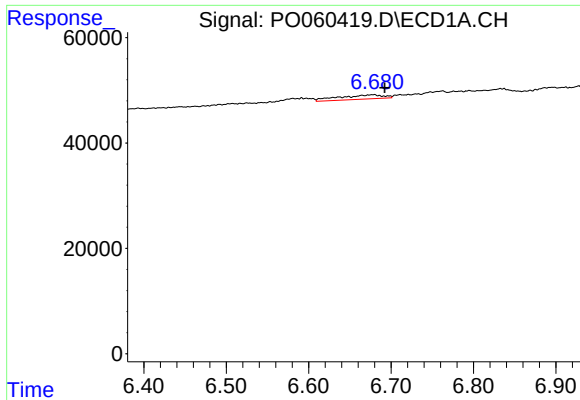
#27 AR-1254-2

R.T.: 6.321 min  
Delta R.T.: -0.004 min  
Response: 2238  
Conc: 0.67 ng/ml



#27 AR-1254-2

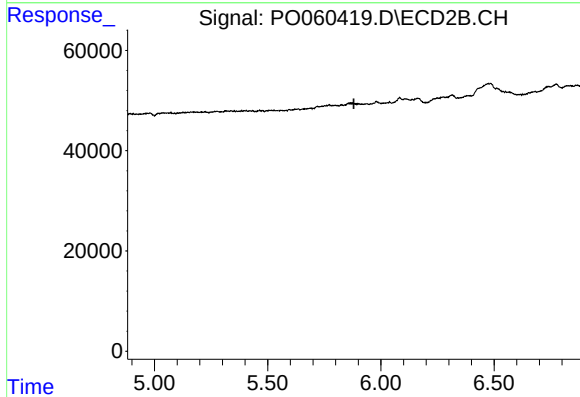
R.T.: 0.000 min  
Exp R.T. : 5.474 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

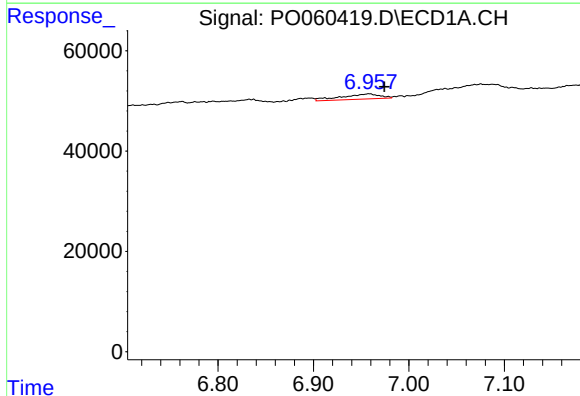
R.T.: 6.679 min  
Delta R.T.: -0.013 min  
Response: 30571  
Conc: 8.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



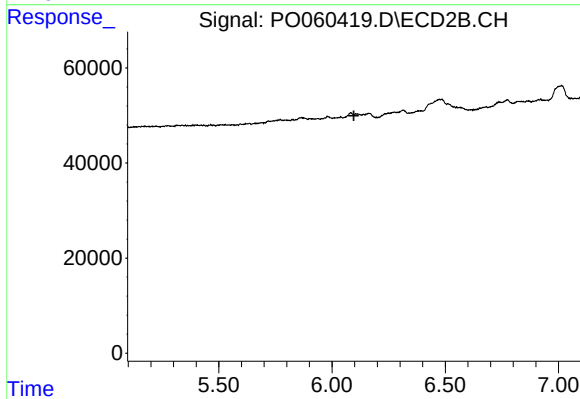
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.881 min  
Response: 0  
Conc: N.D.



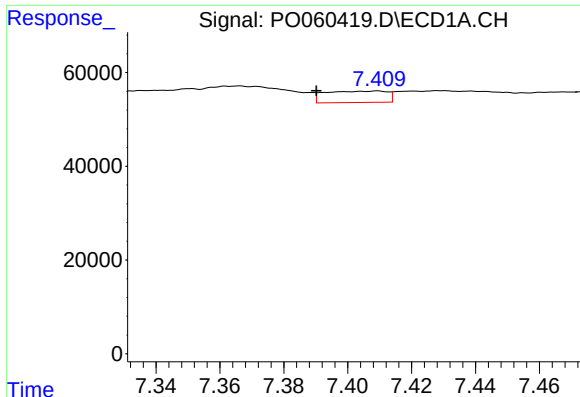
#29 AR-1254-4

R.T.: 6.958 min  
Delta R.T.: -0.016 min  
Response: 28289  
Conc: 9.60 ng/ml



#29 AR-1254-4

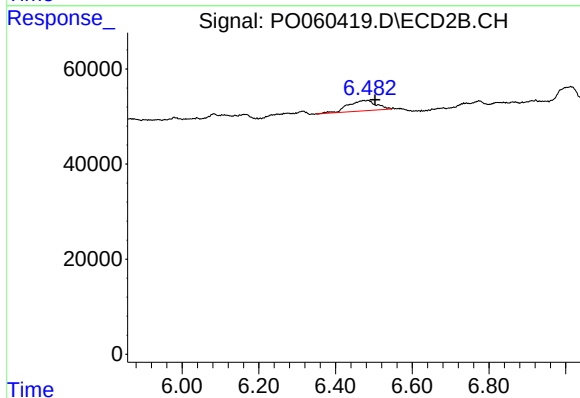
R.T.: 0.000 min  
Exp R.T. : 6.097 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

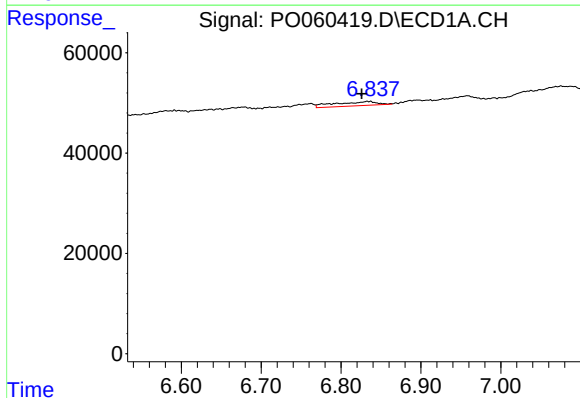
R.T.: 7.409 min  
Delta R.T.: 0.019 min  
Response: 32727  
Conc: 10.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



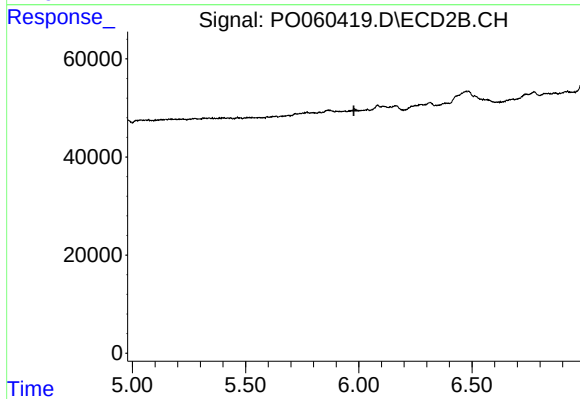
#30 AR-1254-5

R.T.: 6.484 min  
Delta R.T.: -0.019 min  
Response: 113129  
Conc: 36.43 ng/ml



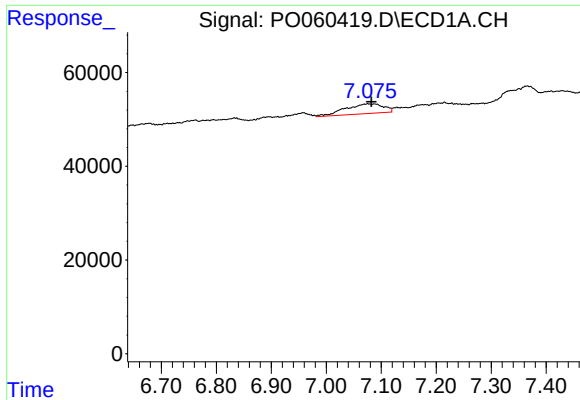
#31 AR-1260-1

R.T.: 6.837 min  
Delta R.T.: 0.011 min  
Response: 30543  
Conc: 11.33 ng/ml



#31 AR-1260-1

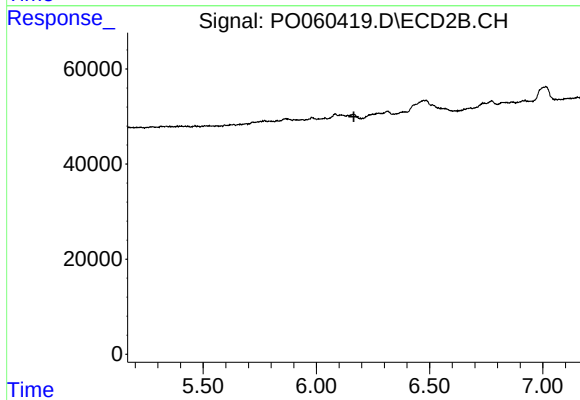
R.T.: 0.000 min  
Exp R.T.: 5.978 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

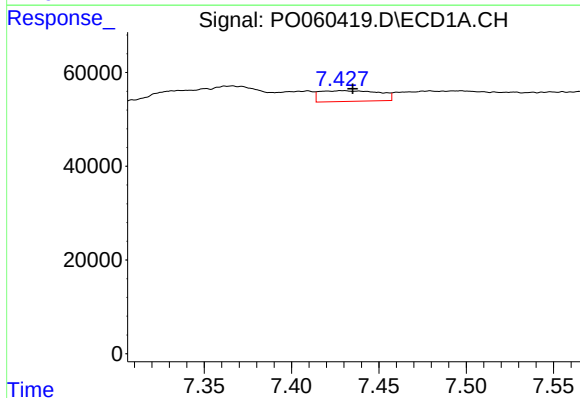
R.T.: 7.076 min  
Delta R.T.: -0.006 min  
Response: 100652  
Conc: 27.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



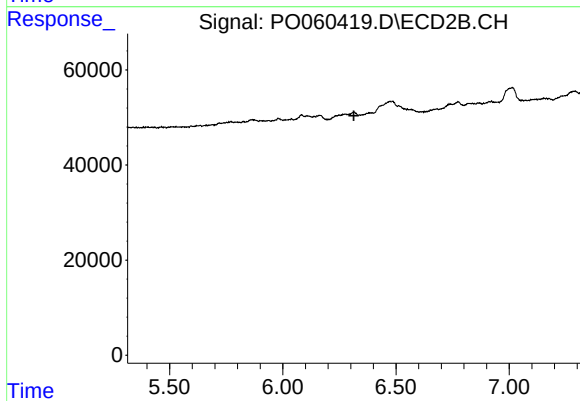
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 6.166 min  
Response: 0  
Conc: N.D.



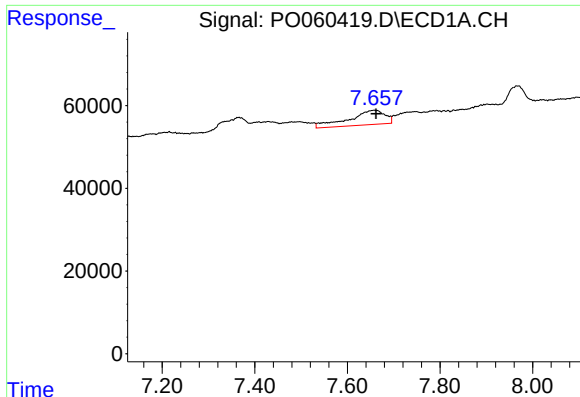
#33 AR-1260-3

R.T.: 7.429 min  
Delta R.T.: -0.006 min  
Response: 54130  
Conc: 16.52 ng/ml



#33 AR-1260-3

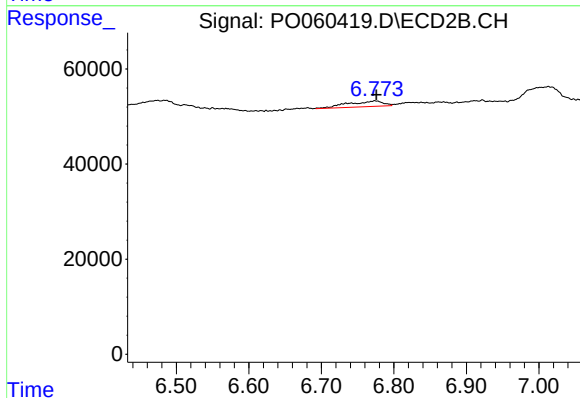
R.T.: 0.000 min  
Exp R.T. : 6.314 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

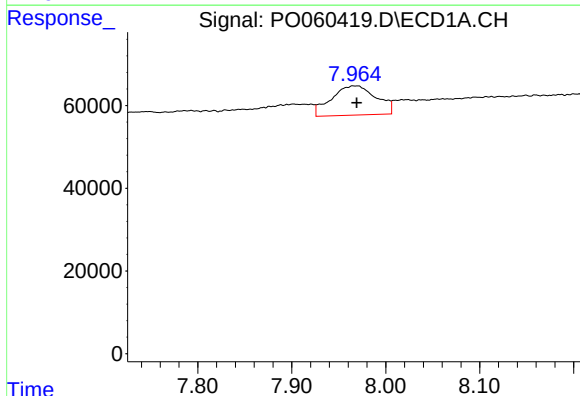
R.T.: 7.657 min  
Delta R.T.: -0.005 min  
Response: 189233  
Conc: 61.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



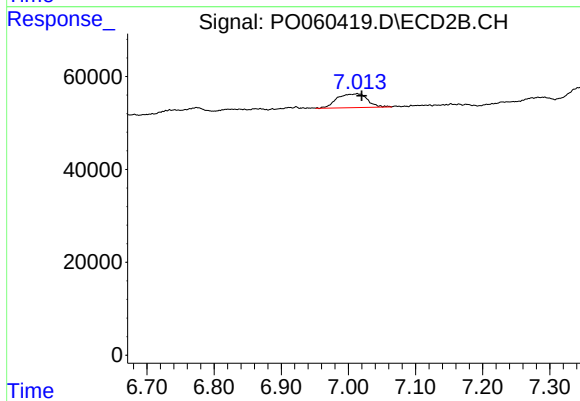
#34 AR-1260-4

R.T.: 6.774 min  
Delta R.T.: -0.002 min  
Response: 39996  
Conc: 17.68 ng/ml



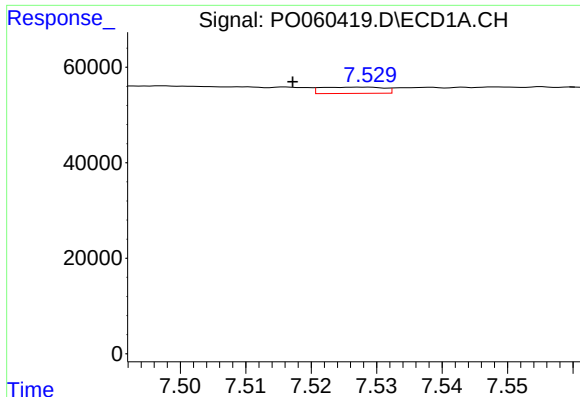
#35 AR-1260-5

R.T.: 7.969 min  
Delta R.T.: 0.000 min  
Response: 234769  
Conc: 33.16 ng/ml



#35 AR-1260-5

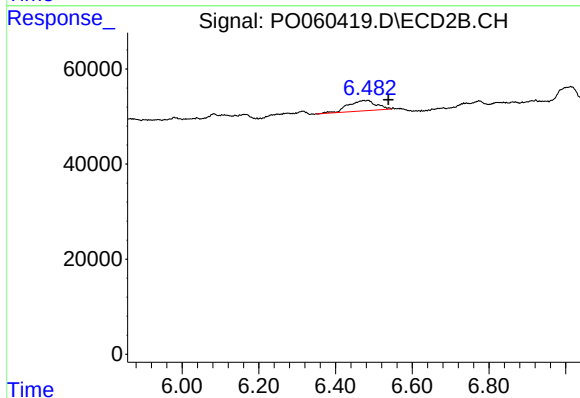
R.T.: 7.013 min  
Delta R.T.: -0.007 min  
Response: 93544  
Conc: 17.00 ng/ml



#36 AR-1262-1

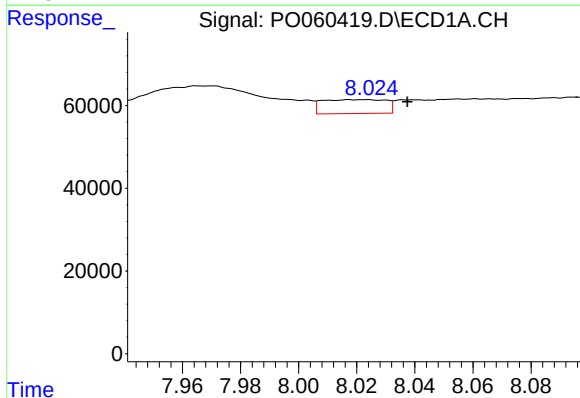
R.T.: 7.527 min  
Delta R.T.: 0.010 min  
Response: 8799  
Conc: 1.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



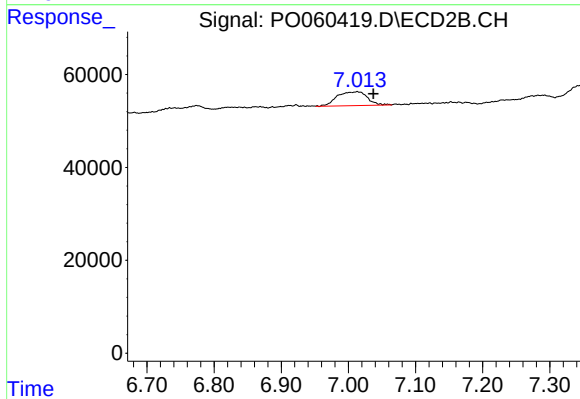
#36 AR-1262-1

R.T.: 6.484 min  
Delta R.T.: -0.054 min  
Response: 113129  
Conc: 30.35 ng/ml



#37 AR-1262-2

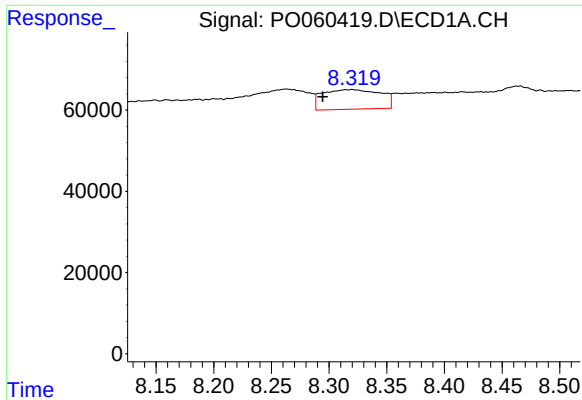
R.T.: 8.023 min  
Delta R.T.: -0.014 min  
Response: 50873  
Conc: 6.59 ng/ml



#37 AR-1262-2

R.T.: 7.013 min  
Delta R.T.: -0.024 min  
Response: 93544  
Conc: 15.91 ng/ml

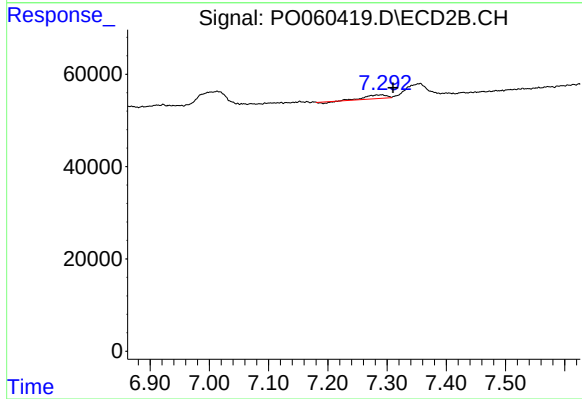




#38 AR-1262-3

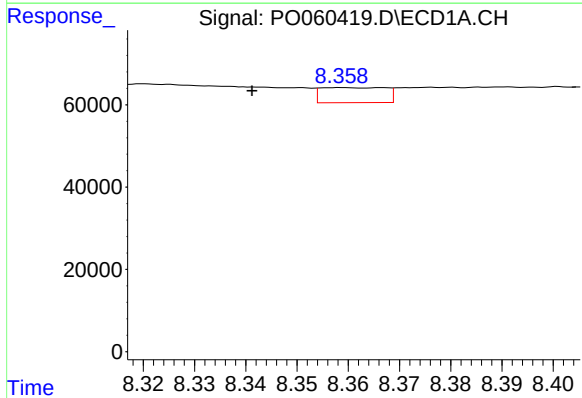
R.T.: 8.320 min  
Delta R.T.: 0.026 min  
Response: 169499  
Conc: 33.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



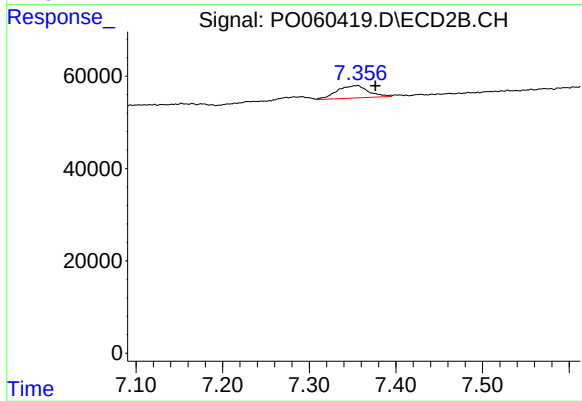
#38 AR-1262-3

R.T.: 7.292 min  
Delta R.T.: -0.019 min  
Response: 18151  
Conc: 7.14 ng/ml



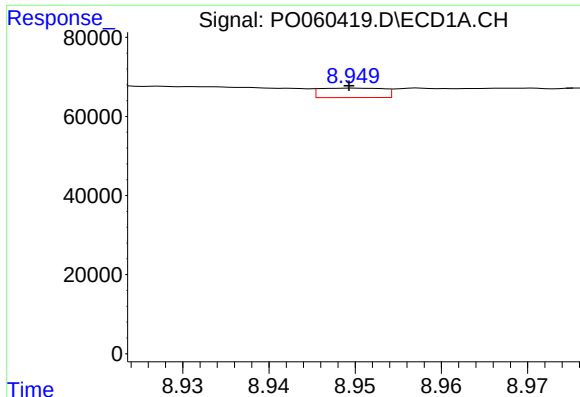
#39 AR-1262-4

R.T.: 8.359 min  
Delta R.T.: 0.017 min  
Response: 32022  
Conc: 8.31 ng/ml



#39 AR-1262-4

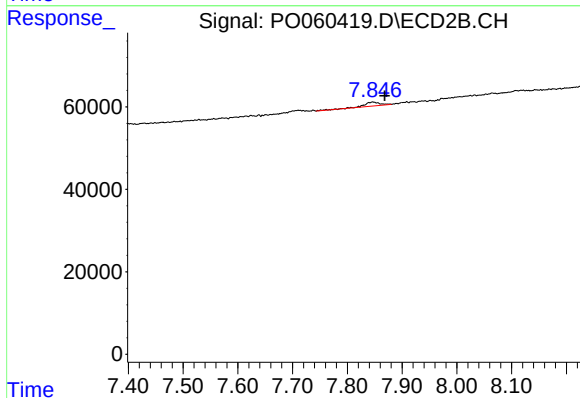
R.T.: 7.356 min  
Delta R.T.: -0.021 min  
Response: 68714  
Conc: 15.55 ng/ml



#40 AR-1262-5

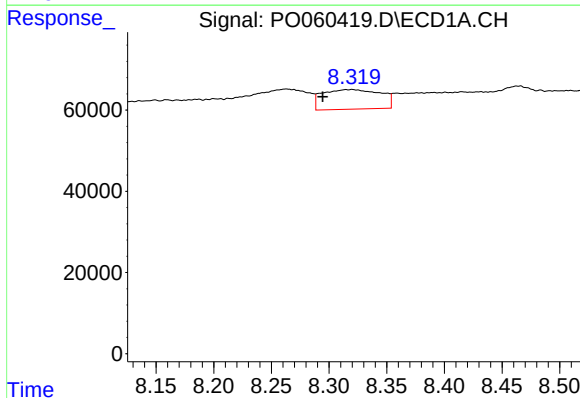
R.T.: 8.950 min  
Delta R.T.: 0.000 min  
Response: 12152  
Conc: 4.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



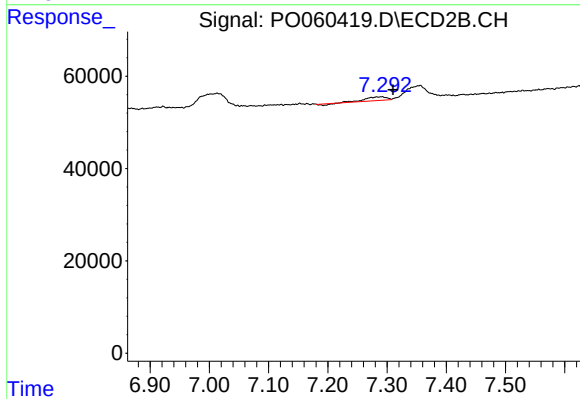
#40 AR-1262-5

R.T.: 7.846 min  
Delta R.T.: -0.022 min  
Response: 19204  
Conc: 10.64 ng/ml



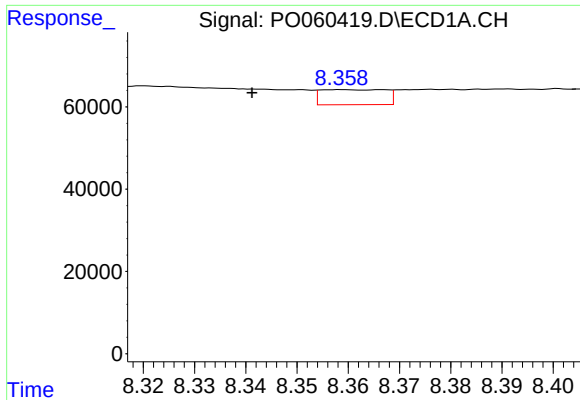
#41 AR-1268-1

R.T.: 8.320 min  
Delta R.T.: 0.026 min  
Response: 169499  
Conc: 18.01 ng/ml



#41 AR-1268-1

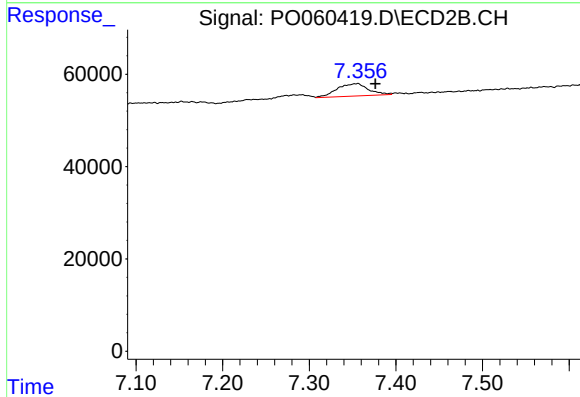
R.T.: 7.292 min  
Delta R.T.: -0.019 min  
Response: 18151  
Conc: 2.55 ng/ml



#42 AR-1268-2

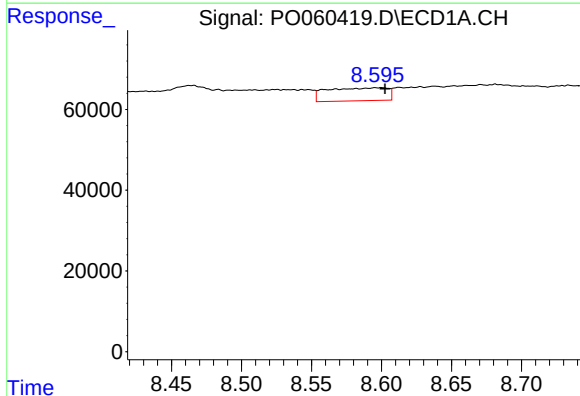
R.T.: 8.359 min  
Delta R.T.: 0.017 min  
Response: 32022  
Conc: 4.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



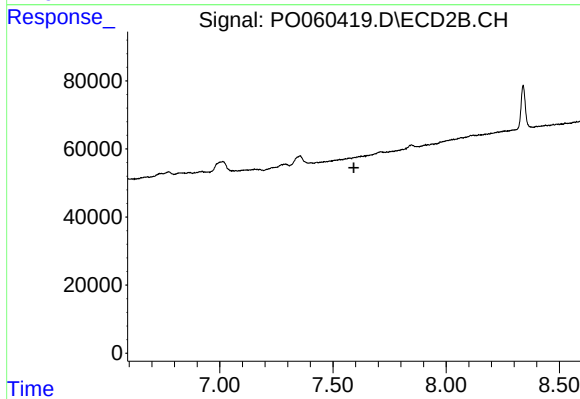
#42 AR-1268-2

R.T.: 7.356 min  
Delta R.T.: -0.021 min  
Response: 68714  
Conc: 10.66 ng/ml



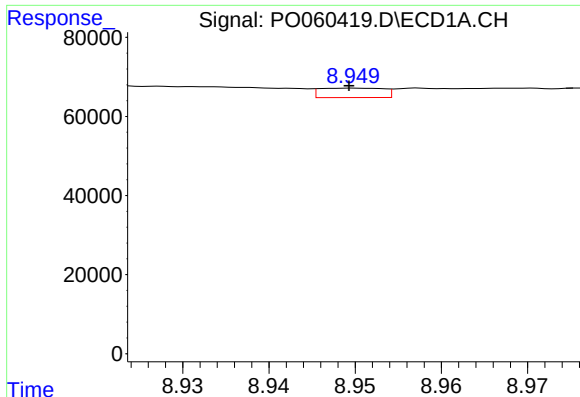
#43 AR-1268-3

R.T.: 8.600 min  
Delta R.T.: -0.002 min  
Response: 96900  
Conc: 13.75 ng/ml



#43 AR-1268-3

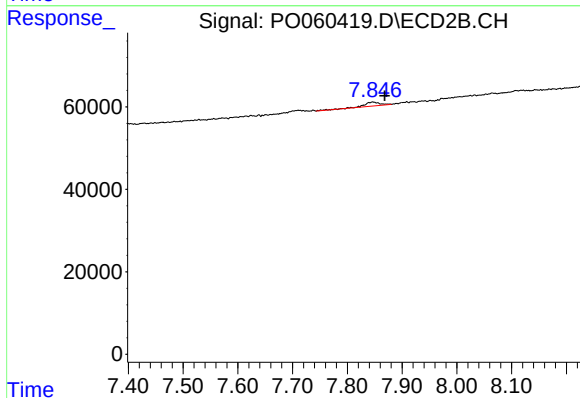
R.T.: 0.000 min  
Exp R.T.: 7.592 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

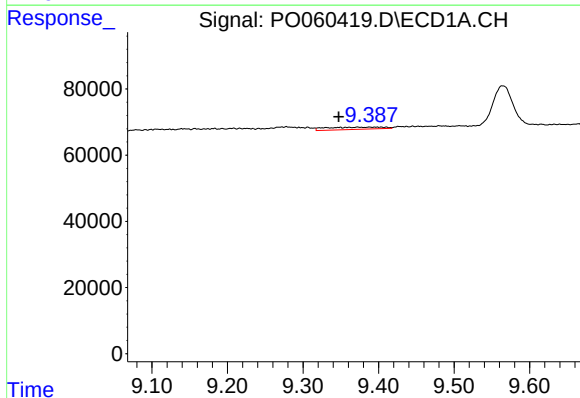
R.T.: 8.950 min  
Delta R.T.: 0.000 min  
Response: 12152  
Conc: 4.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



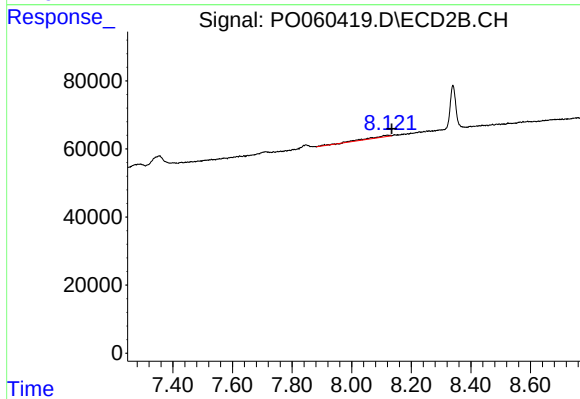
#44 AR-1268-4

R.T.: 7.846 min  
Delta R.T.: -0.022 min  
Response: 19204  
Conc: 9.41 ng/ml



#45 AR-1268-5

R.T.: 9.373 min  
Delta R.T.: 0.026 min  
Response: 35701  
Conc: 1.94 ng/ml



#45 AR-1268-5

R.T.: 8.121 min  
Delta R.T.: -0.014 min  
Response: 22476  
Conc: 1.55 ng/ml