

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0091918\  
 Data File : P0049165.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 19 Sep 2018 18:48  
 Operator : SM/SJ  
 Sample : J4984-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 20 04:50:57 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0091918.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Sep 20 02:02:28 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

|                             | Compound        | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|-------|---------|---------|----------|-----------|
| -----                       |                 |        |       |         |         |          |           |
| System Monitoring Compounds |                 |        |       |         |         |          |           |
| 1)                          | SA Tetrachlo... | 4.394  | 3.524 | 3356777 | 3034343 | 18.078   | 14.683    |
| 2)                          | SA Decachlor... | 10.113 | 8.460 | 4991773 | 3699699 | 18.160   | 18.073    |
| Target Compounds            |                 |        |       |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 5.115  | 0.000 | 161724  | 0       | 34.298   | N.D. #    |
| 4)                          | L1 AR-1016-2    | 5.259  | 0.000 | 293397  | 0       | 60.650   | N.D. #    |
| 5)                          | L1 AR-1016-3    | 5.614  | 0.000 | 72990   | 0       | 9.762    | N.D. #    |
| 6)                          | L1 AR-1016-4    | 5.614  | 4.687 | 72990   | 105484  | 11.228   | 13.135    |
| 7)                          | L1 AR-1016-5    | 6.066  | 0.000 | 351035  | 0       | 65.233   | N.D. #    |
| 8)                          | L2 AR-1221-1    | 4.601  | 3.692 | 174867  | 599374  | 87.952   | 246.677 # |
| 10)                         | L2 AR-1221-3    | 4.778  | 3.909 | 934076  | 95283   | 185.208  | 17.057 #  |
| 11)                         | L3 AR-1232-1    | 5.493  | 4.400 | 482943  | 136850  | 1236.985 | 58.455 #  |
| 12)                         | L3 AR-1232-2    | 5.722  | 4.473 | 338941  | 252103  | 168.405  | 294.244 # |
| 13)                         | L3 AR-1232-3    | 5.926  | 4.852 | 114032  | 385178  | 213.548  | 177.130   |
| 14)                         | L3 AR-1232-4    | 6.235  | 5.185 | 354617  | 183481  | 737.063  | 77.338 #  |
| 15)                         | L3 AR-1232-5    | 7.143  | 0.000 | 255605  | 0       | 789.590  | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.139  | 0.000 | 156843  | 0       | 77.500   | N.D. #    |
| 17)                         | L4 AR-1242-2    | 5.867  | 4.797 | 647006  | 296333  | 174.301  | 54.878 #  |
| 18)                         | L4 AR-1242-3    | 6.102  | 4.905 | 365714  | 244449  | 205.404  | 136.296 # |
| 19)                         | L4 AR-1242-4    | 6.102  | 5.185 | 365714  | 183481  | 267.825  | 115.606 # |
| 20)                         | L4 AR-1242-5    | 6.190  | 5.635 | 123048  | 217862  | 25.909   | 52.220 #  |
| 21)                         | L5 AR-1248-1    | 5.821  | 4.852 | 375865  | 385178  | 62.177   | 55.216    |
| 22)                         | L5 AR-1248-2    | 6.450  | 5.391 | 46590   | 214627  | 7.254    | 16.515 #  |
| 23)                         | L5 AR-1248-3    | 6.450  | 5.391 | 46590   | 214627  | 5.535    | 23.199 #  |
| 24)                         | L5 AR-1248-4    | 6.450  | 5.635 | 46590   | 217862  | 5.900    | 26.843 #  |
| 25)                         | L5 AR-1248-5    | 6.702  | 0.000 | 347227  | 0       | 66.826   | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.651  | 0.000 | 287627  | 0       | 19.437   | N.D. #    |
| 28)                         | L6 AR-1254-3    | 7.058  | 0.000 | 315791  | 0       | 19.328   | N.D. #    |
| 29)                         | L6 AR-1254-4    | 7.291  | 6.458 | 47807   | 334280  | 3.726    | 32.644 #  |
| 30)                         | L6 AR-1254-5    | 7.609  | 0.000 | 243580  | 0       | 26.349   | N.D. #    |
| 31)                         | L7 AR-1260-1    | 7.143  | 6.040 | 255605  | 267314  | 22.851   | 18.591    |
| 32)                         | L7 AR-1260-2    | 7.488  | 0.000 | 194455  | 0       | 14.492   | N.D. #    |
| 33)                         | L7 AR-1260-3    | 7.671  | 6.458 | 226758  | 334280  | 14.738   | 20.308 #  |
| 34)                         | L7 AR-1260-4    | 8.053  | 0.000 | 196622  | 0       | 17.968   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.342  | 0.000 | 439652  | 0       | 18.340   | N.D. #    |
| 36)                         | L8 AR-1262-1    | 7.058  | 0.000 | 315791  | 0       | 48.352   | N.D. #    |
| 38)                         | L8 AR-1262-3    | 8.053  | 0.000 | 196622  | 0       | 34.217   | N.D. #    |
| 39)                         | L8 AR-1262-4    | 8.745  | 7.410 | 290757  | 648581  | 21.187   | 53.238 #  |
| 42)                         | L9 AR-1268-2    | 8.053  | 7.410 | 196622  | 648581  | 25.768   | 19.535    |
| -----                       |                 |        |       |         |         |          |           |

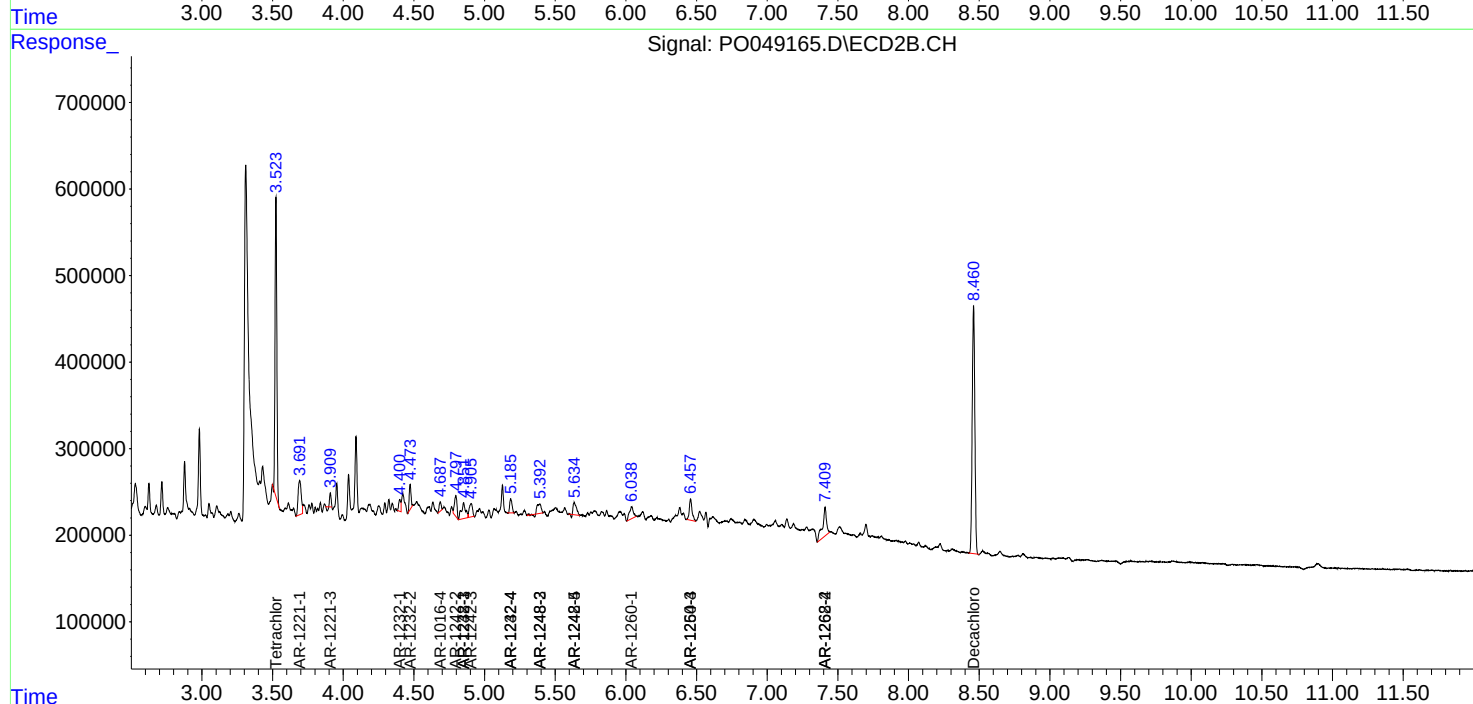
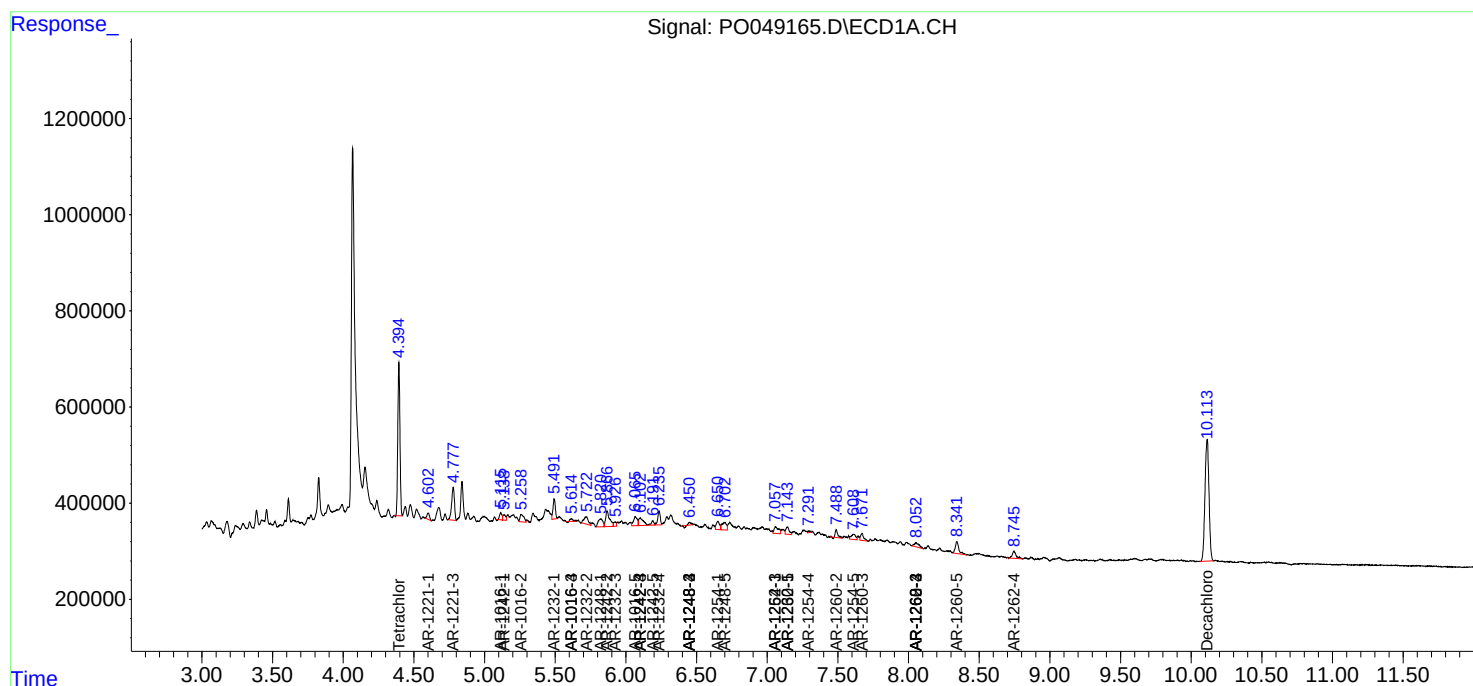
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

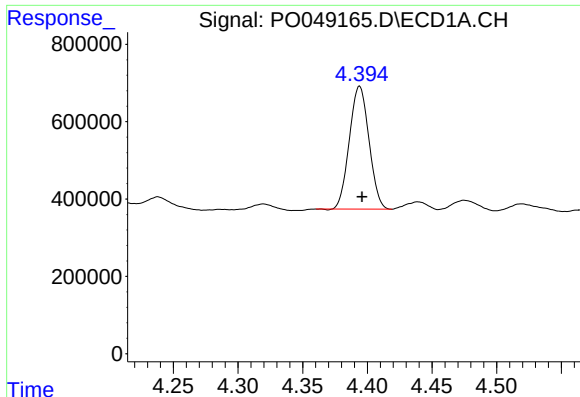
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO091918\  
Data File : PO049165.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 19 Sep 2018 18:48  
Operator : SM/SJ  
Sample : J4984-05  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 20 04:50:57 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO091918.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Sep 20 02:02:28 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

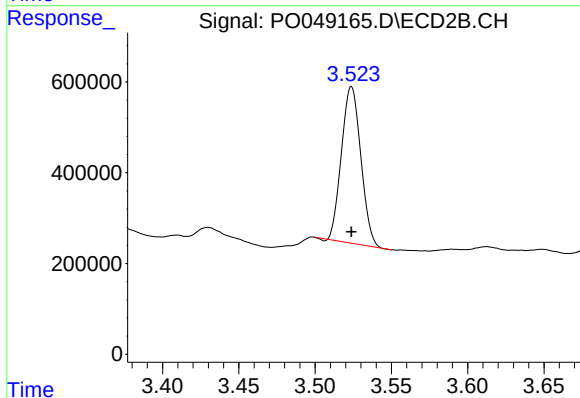




#1 Tetrachloro-m-xylene

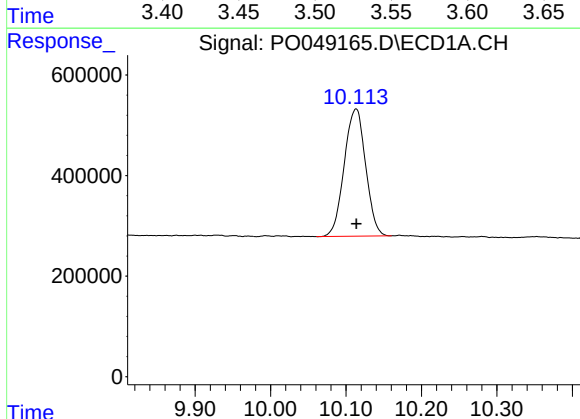
R.T.: 4.394 min  
Delta R.T.: -0.002 min  
Response: 3356777  
Conc: 18.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



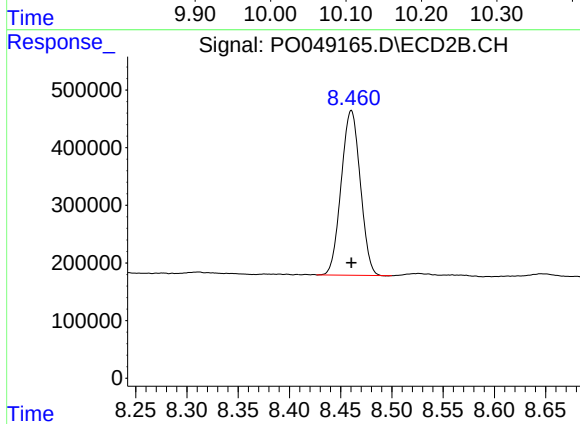
#1 Tetrachloro-m-xylene

R.T.: 3.524 min  
Delta R.T.: 0.000 min  
Response: 3034343  
Conc: 14.68 ng/ml



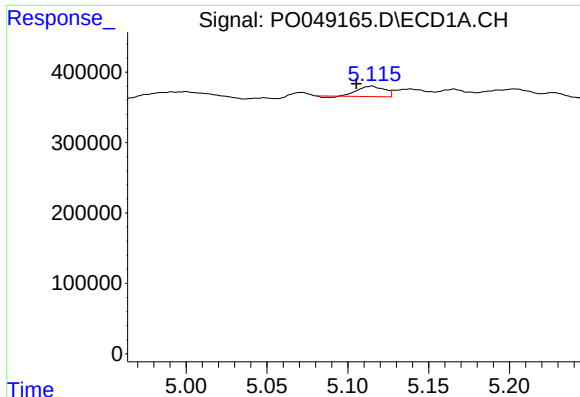
#2 Decachlorobiphenyl

R.T.: 10.113 min  
Delta R.T.: 0.000 min  
Response: 4991773  
Conc: 18.16 ng/ml



#2 Decachlorobiphenyl

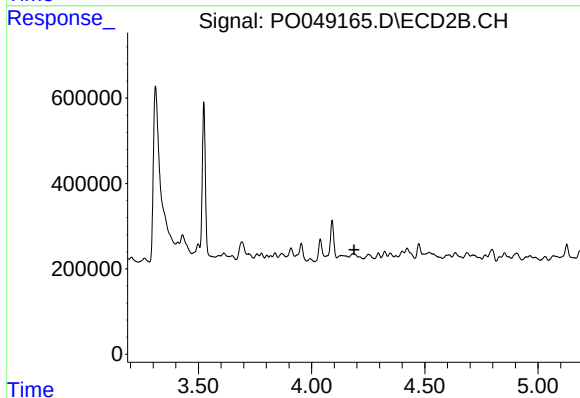
R.T.: 8.460 min  
Delta R.T.: 0.000 min  
Response: 3699699  
Conc: 18.07 ng/ml



#3 AR-1016-1

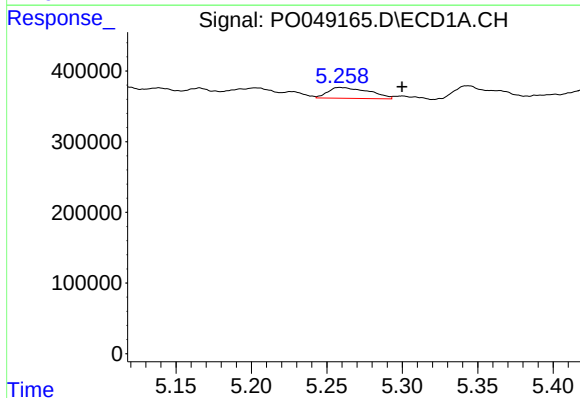
R.T.: 5.115 min  
Delta R.T.: 0.010 min  
Response: 161724  
Conc: 34.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



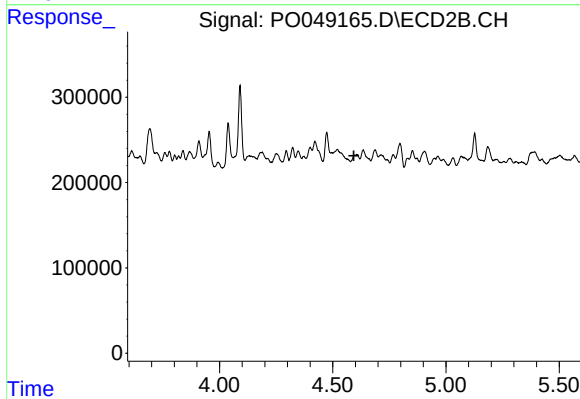
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.187 min  
Response: 0  
Conc: N.D.



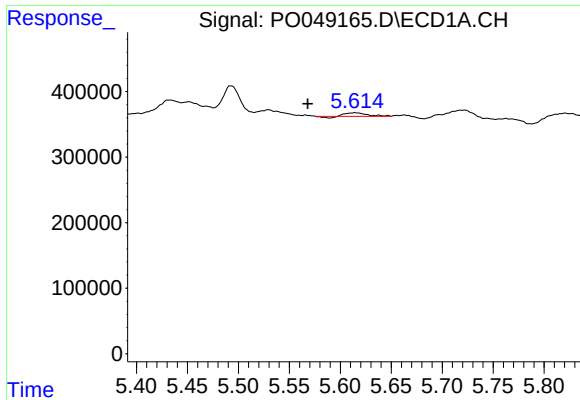
#4 AR-1016-2

R.T.: 5.259 min  
Delta R.T.: -0.041 min  
Response: 293397  
Conc: 60.65 ng/ml



#4 AR-1016-2

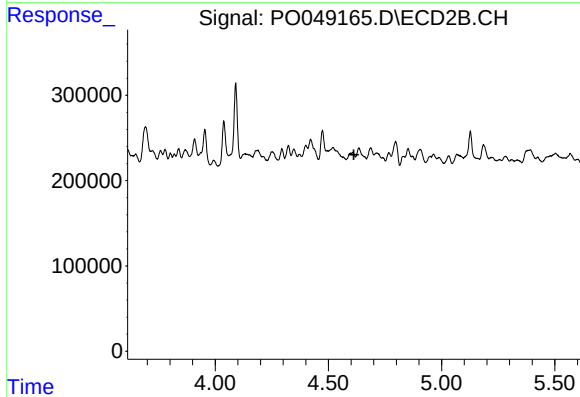
R.T.: 0.000 min  
Exp R.T. : 4.593 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

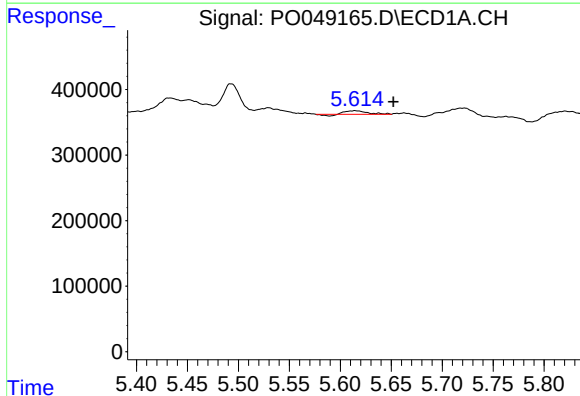
R.T.: 5.614 min  
Delta R.T.: 0.046 min  
Response: 72990  
Conc: 9.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



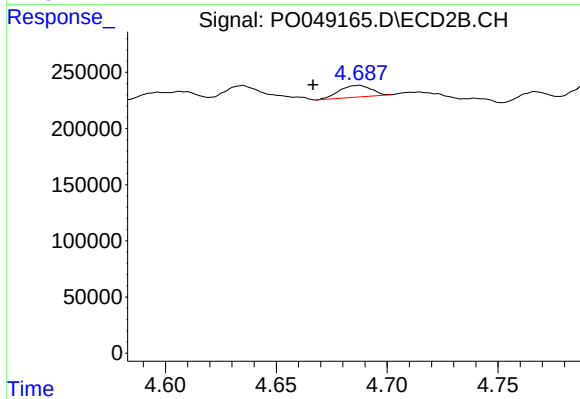
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.612 min  
Response: 0  
Conc: N.D.



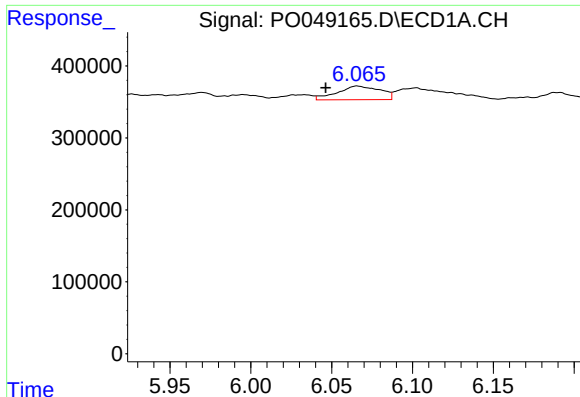
#6 AR-1016-4

R.T.: 5.614 min  
Delta R.T.: -0.038 min  
Response: 72990  
Conc: 11.23 ng/ml



#6 AR-1016-4

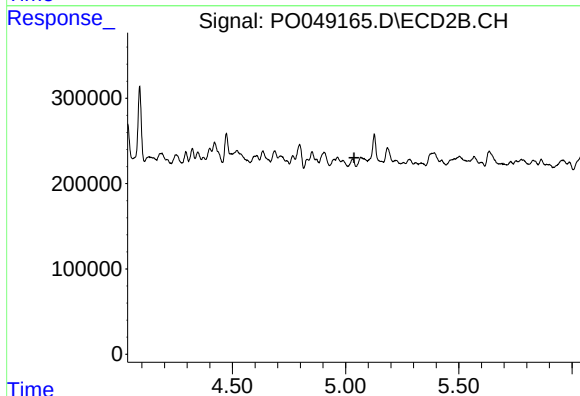
R.T.: 4.687 min  
Delta R.T.: 0.020 min  
Response: 105484  
Conc: 13.14 ng/ml



#7 AR-1016-5

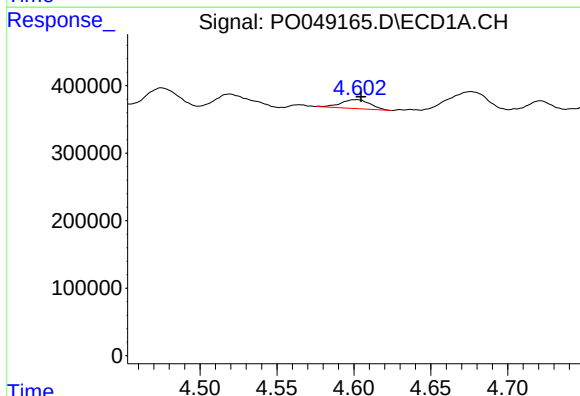
R.T.: 6.066 min  
Delta R.T.: 0.020 min  
Response: 351035  
Conc: 65.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



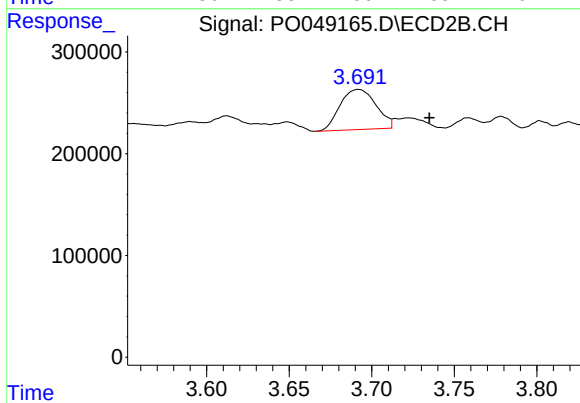
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.037 min  
Response: 0  
Conc: N.D.



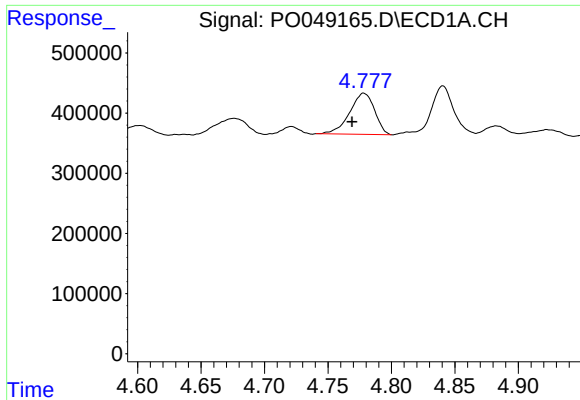
#8 AR-1221-1

R.T.: 4.601 min  
Delta R.T.: -0.003 min  
Response: 174867  
Conc: 87.95 ng/ml



#8 AR-1221-1

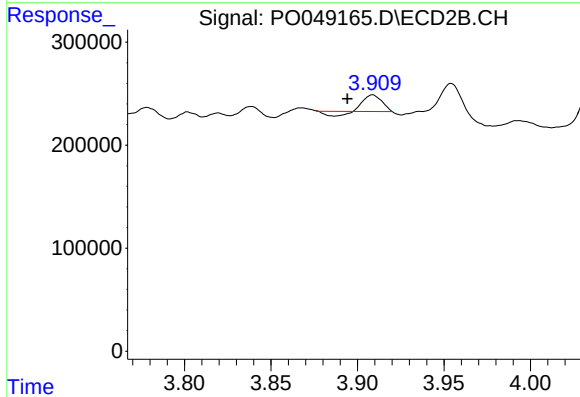
R.T.: 3.692 min  
Delta R.T.: -0.043 min  
Response: 599374  
Conc: 246.68 ng/ml



#10 AR-1221-3

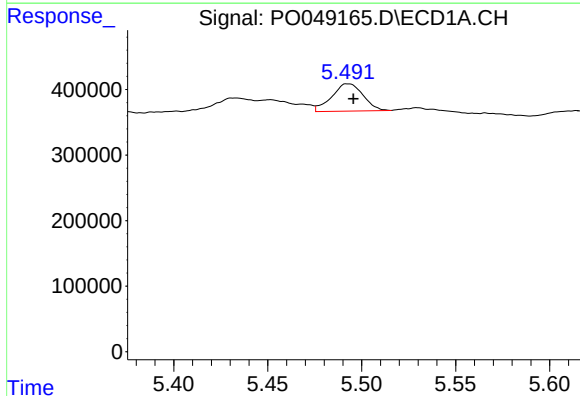
R.T.: 4.778 min  
Delta R.T.: 0.009 min  
Response: 934076  
Conc: 185.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



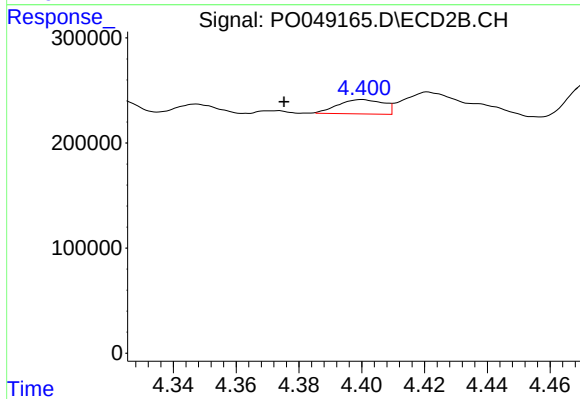
#10 AR-1221-3

R.T.: 3.909 min  
Delta R.T.: 0.015 min  
Response: 95283  
Conc: 17.06 ng/ml



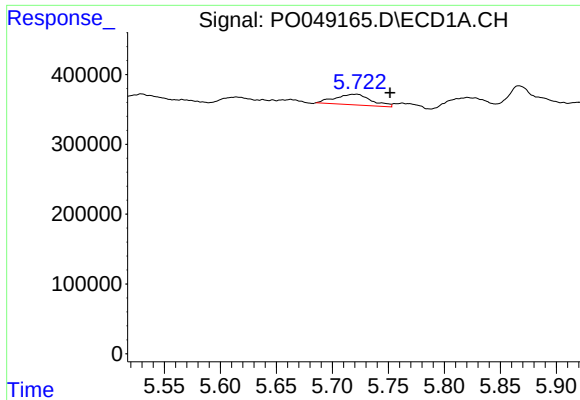
#11 AR-1232-1

R.T.: 5.493 min  
Delta R.T.: -0.003 min  
Response: 482943  
Conc: 1236.98 ng/ml



#11 AR-1232-1

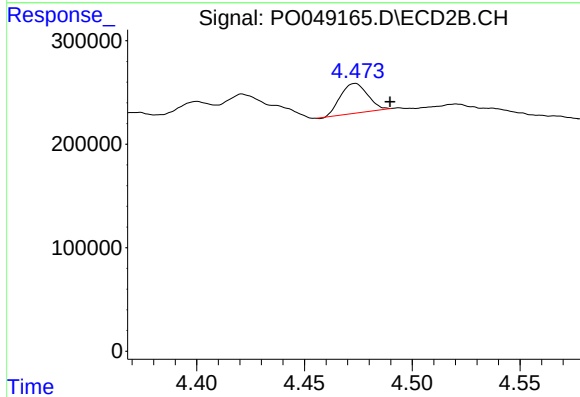
R.T.: 4.400 min  
Delta R.T.: 0.025 min  
Response: 136850  
Conc: 58.46 ng/ml



#12 AR-1232-2

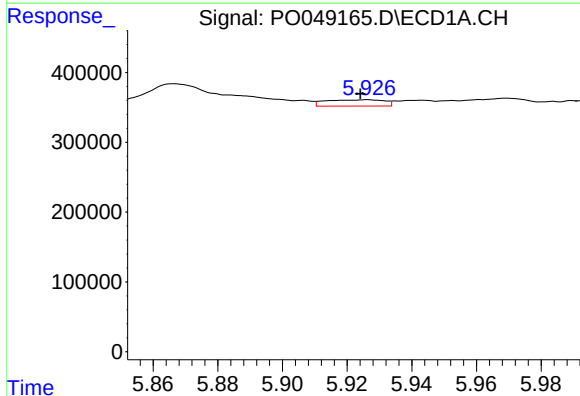
R.T.: 5.722 min  
Delta R.T.: -0.030 min  
Response: 338941  
Conc: 168.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



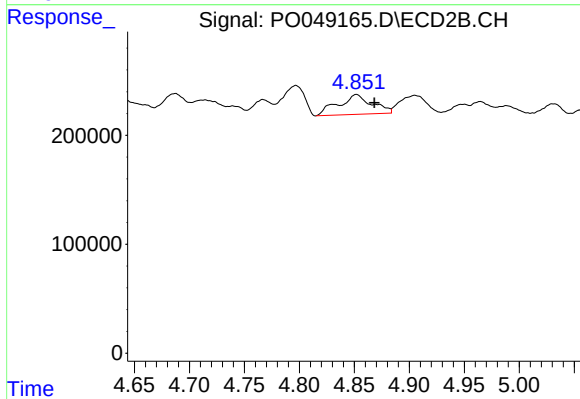
#12 AR-1232-2

R.T.: 4.473 min  
Delta R.T.: -0.016 min  
Response: 252103  
Conc: 294.24 ng/ml



#13 AR-1232-3

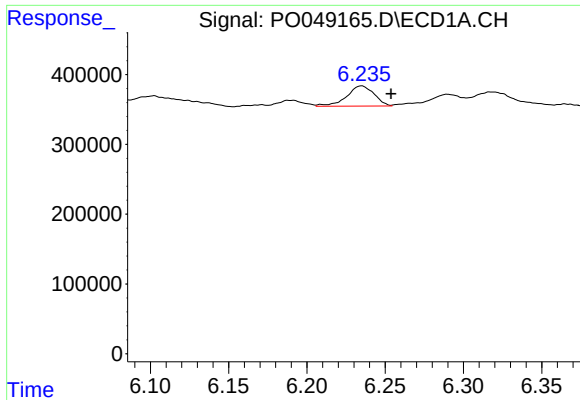
R.T.: 5.926 min  
Delta R.T.: 0.002 min  
Response: 114032  
Conc: 213.55 ng/ml



#13 AR-1232-3

R.T.: 4.852 min  
Delta R.T.: -0.016 min  
Response: 385178  
Conc: 177.13 ng/ml

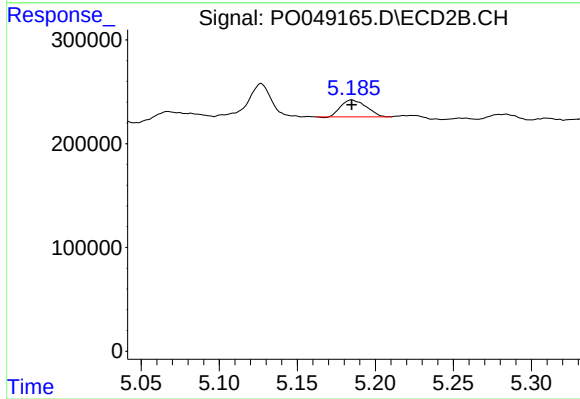




#14 AR-1232-4

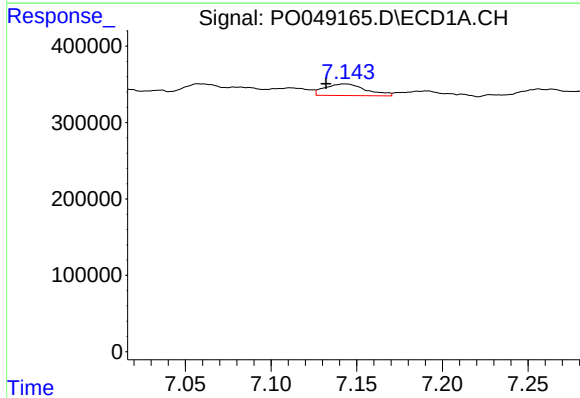
R.T.: 6.235 min  
Delta R.T.: -0.019 min  
Response: 354617  
Conc: 737.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



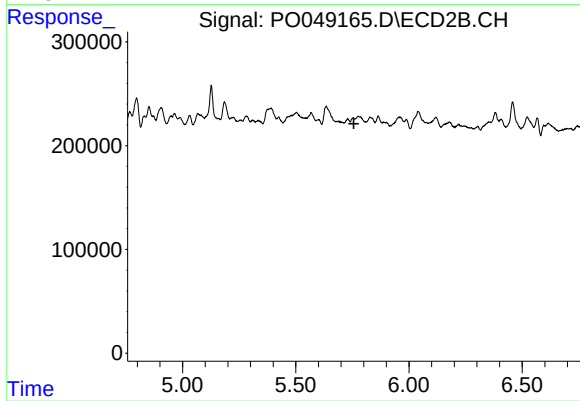
#14 AR-1232-4

R.T.: 5.185 min  
Delta R.T.: 0.000 min  
Response: 183481  
Conc: 77.34 ng/ml



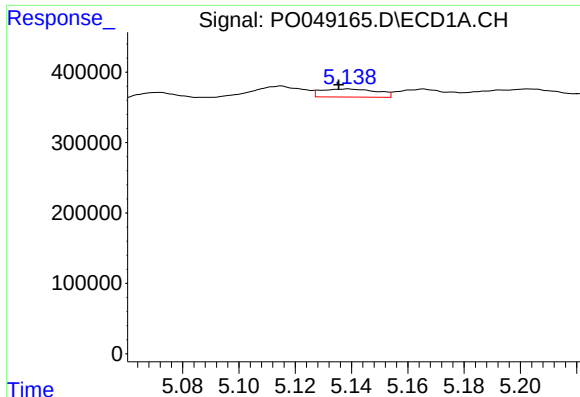
#15 AR-1232-5

R.T.: 7.143 min  
Delta R.T.: 0.011 min  
Response: 255605  
Conc: 789.59 ng/ml



#15 AR-1232-5

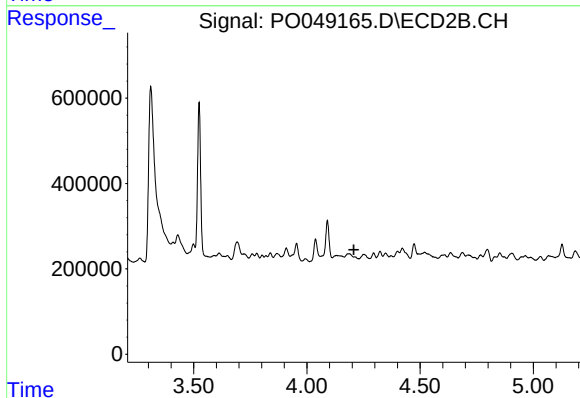
R.T.: 0.000 min  
Exp R.T.: 5.757 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

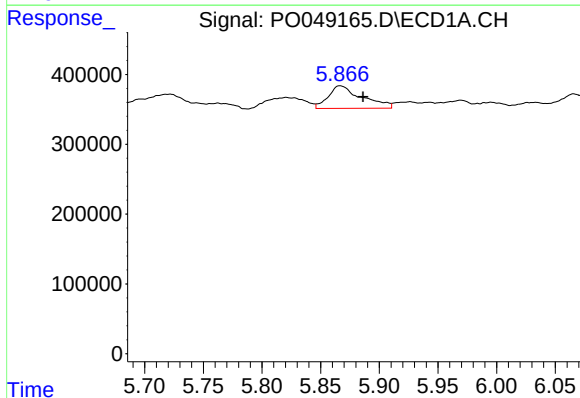
R.T.: 5.139 min  
Delta R.T.: 0.003 min  
Response: 156843  
Conc: 77.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



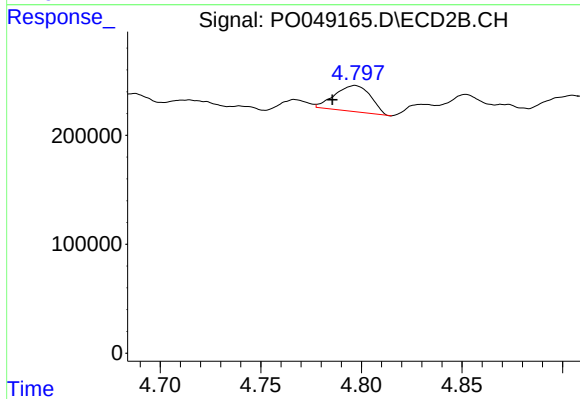
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.207 min  
Response: 0  
Conc: N.D.



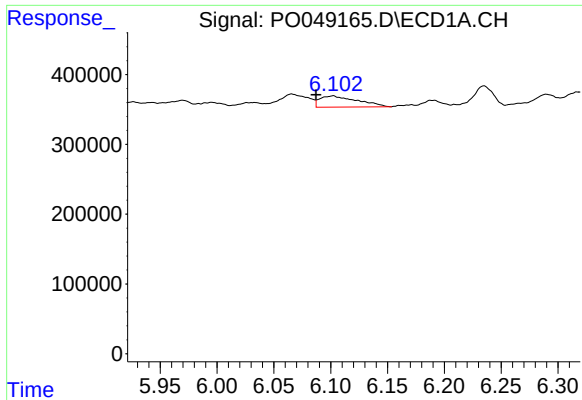
#17 AR-1242-2

R.T.: 5.867 min  
Delta R.T.: -0.020 min  
Response: 647006  
Conc: 174.30 ng/ml



#17 AR-1242-2

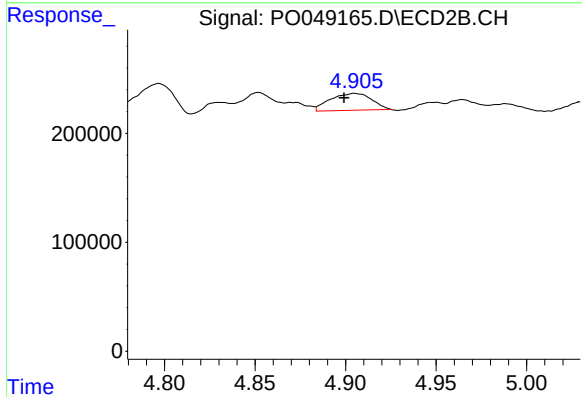
R.T.: 4.797 min  
Delta R.T.: 0.011 min  
Response: 296333  
Conc: 54.88 ng/ml



#18 AR-1242-3

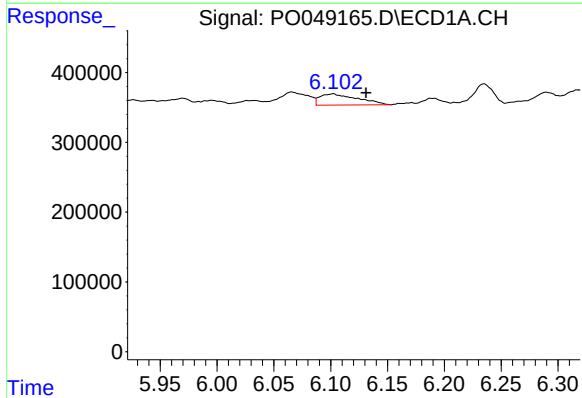
R.T.: 6.102 min  
Delta R.T.: 0.015 min  
Response: 365714  
Conc: 205.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



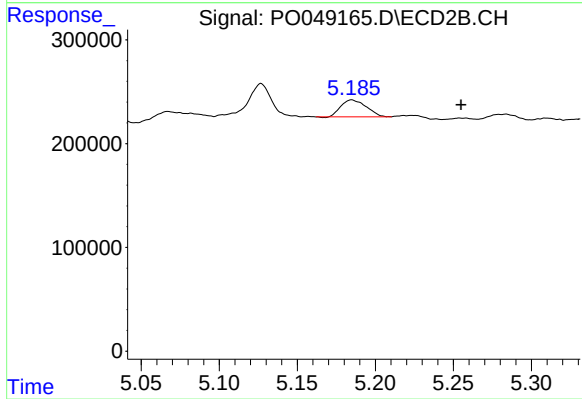
#18 AR-1242-3

R.T.: 4.905 min  
Delta R.T.: 0.006 min  
Response: 244449  
Conc: 136.30 ng/ml



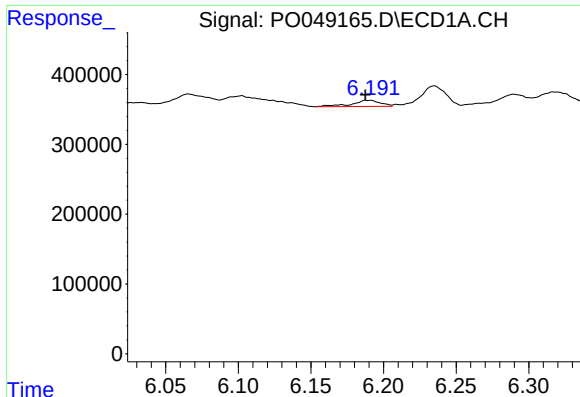
#19 AR-1242-4

R.T.: 6.102 min  
Delta R.T.: -0.029 min  
Response: 365714  
Conc: 267.83 ng/ml



#19 AR-1242-4

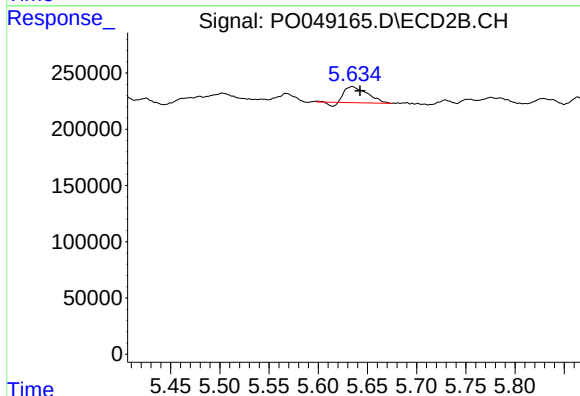
R.T.: 5.185 min  
Delta R.T.: -0.070 min  
Response: 183481  
Conc: 115.61 ng/ml



#20 AR-1242-5

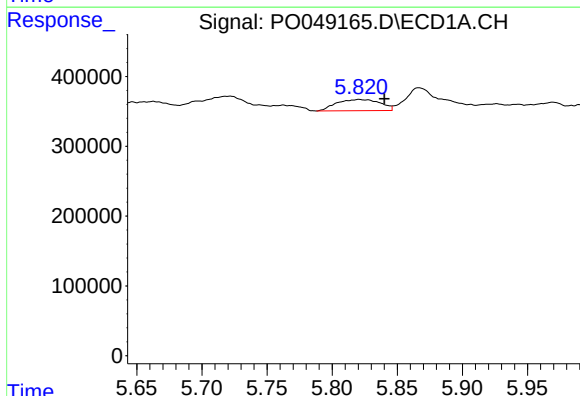
R.T.: 6.190 min  
Delta R.T.: 0.003 min  
Response: 123048  
Conc: 25.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



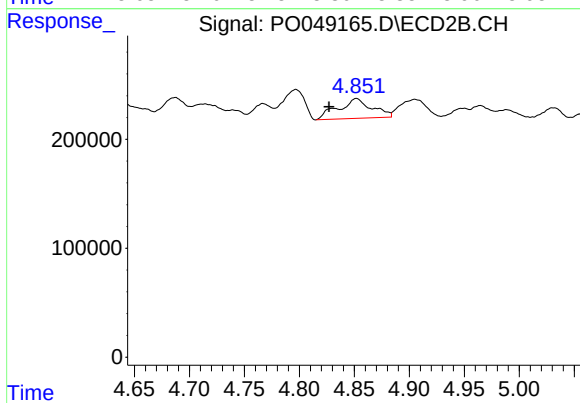
#20 AR-1242-5

R.T.: 5.635 min  
Delta R.T.: -0.008 min  
Response: 217862  
Conc: 52.22 ng/ml



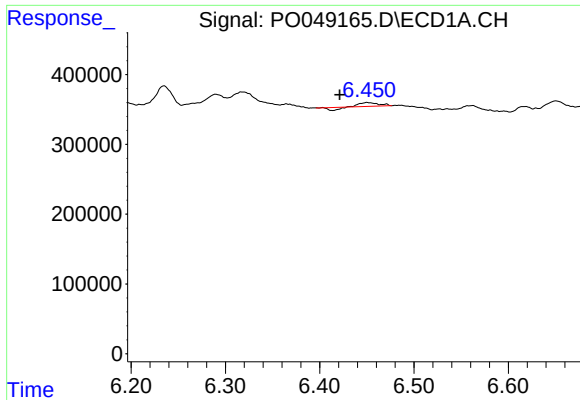
#21 AR-1248-1

R.T.: 5.821 min  
Delta R.T.: -0.019 min  
Response: 375865  
Conc: 62.18 ng/ml



#21 AR-1248-1

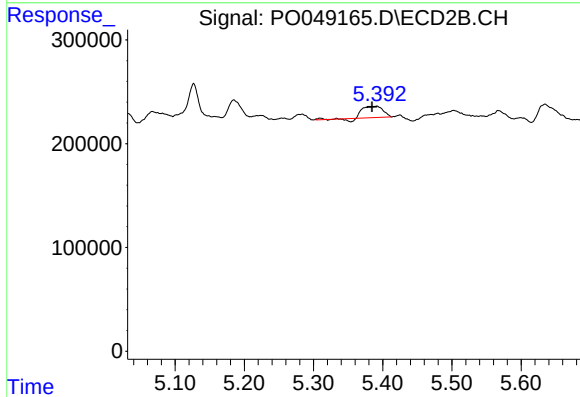
R.T.: 4.852 min  
Delta R.T.: 0.025 min  
Response: 385178  
Conc: 55.22 ng/ml



#22 AR-1248-2

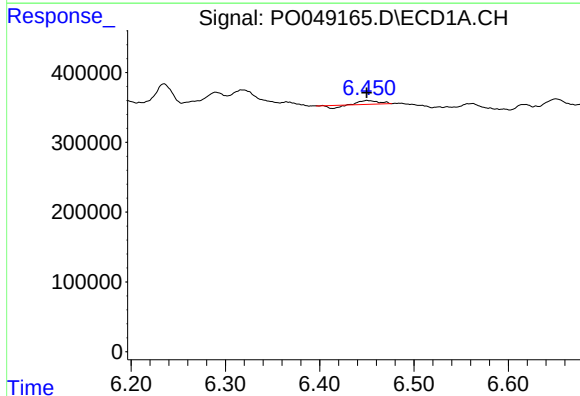
R.T.: 6.450 min  
Delta R.T.: 0.029 min  
Response: 46590  
Conc: 7.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



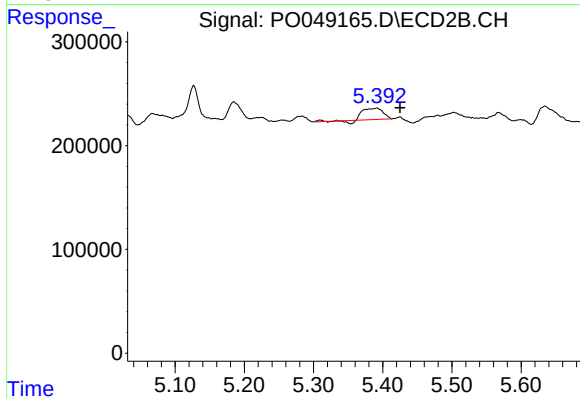
#22 AR-1248-2

R.T.: 5.391 min  
Delta R.T.: 0.007 min  
Response: 214627  
Conc: 16.52 ng/ml



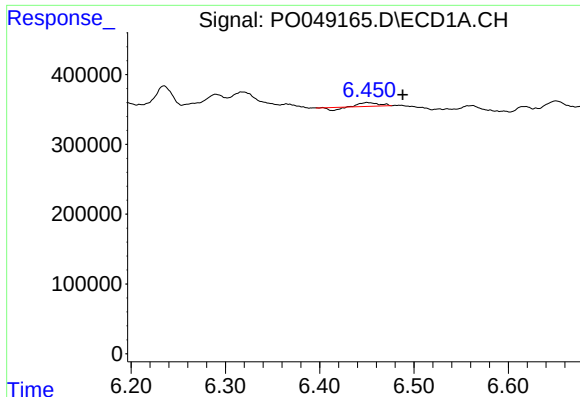
#23 AR-1248-3

R.T.: 6.450 min  
Delta R.T.: 0.000 min  
Response: 46590  
Conc: 5.53 ng/ml



#23 AR-1248-3

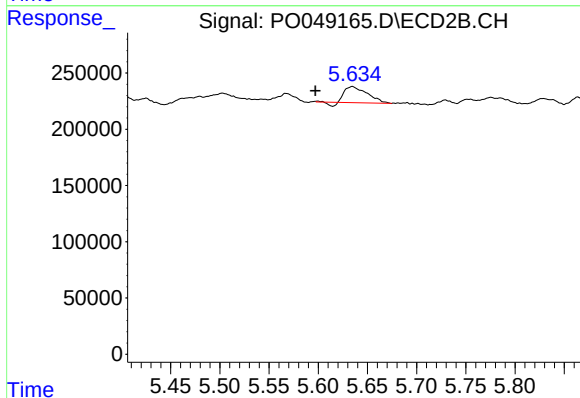
R.T.: 5.391 min  
Delta R.T.: -0.034 min  
Response: 214627  
Conc: 23.20 ng/ml



#24 AR-1248-4

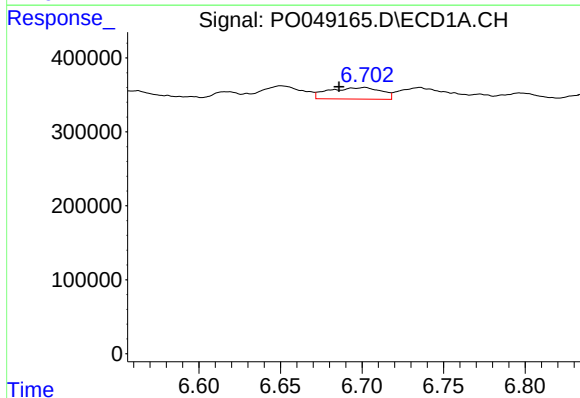
R.T.: 6.450 min  
Delta R.T.: -0.038 min  
Response: 46590  
Conc: 5.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



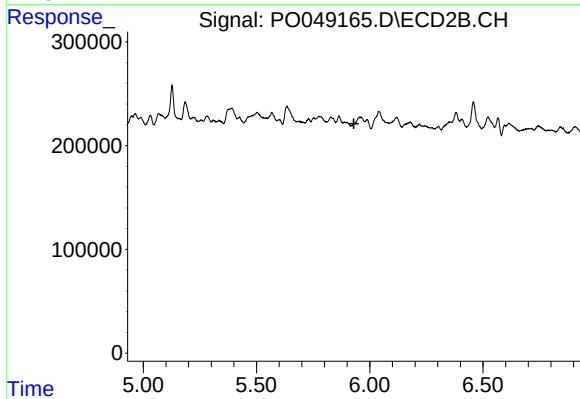
#24 AR-1248-4

R.T.: 5.635 min  
Delta R.T.: 0.038 min  
Response: 217862  
Conc: 26.84 ng/ml



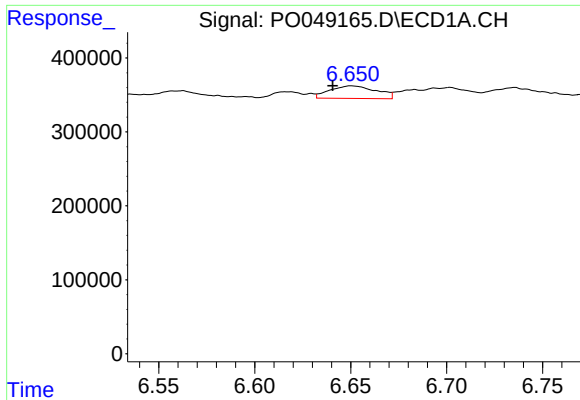
#25 AR-1248-5

R.T.: 6.702 min  
Delta R.T.: 0.016 min  
Response: 347227  
Conc: 66.83 ng/ml



#25 AR-1248-5

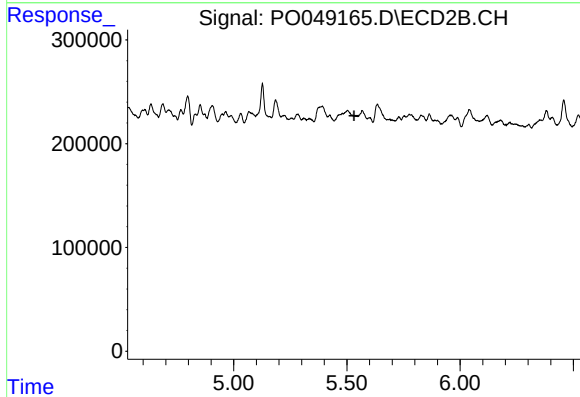
R.T.: 0.000 min  
Exp R.T.: 5.930 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

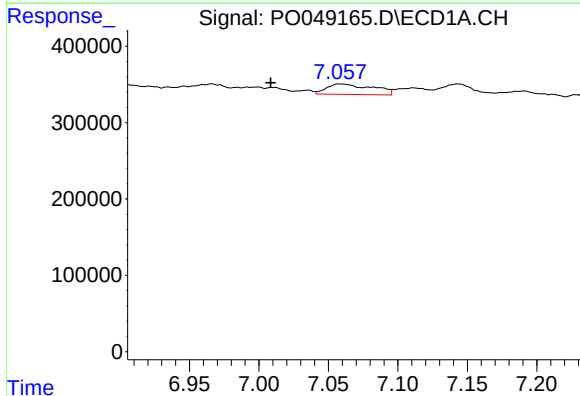
R.T.: 6.651 min  
Delta R.T.: 0.010 min  
Response: 287627  
Conc: 19.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



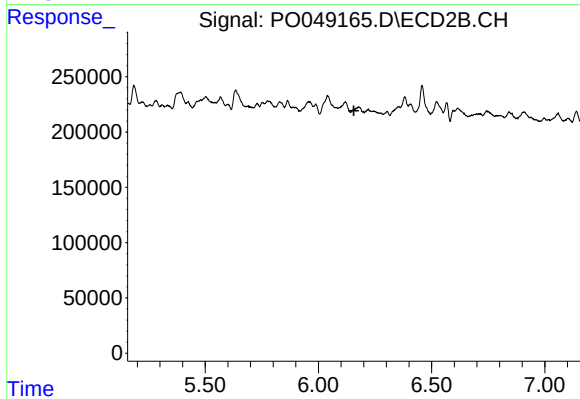
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 5.531 min  
Response: 0  
Conc: N.D.



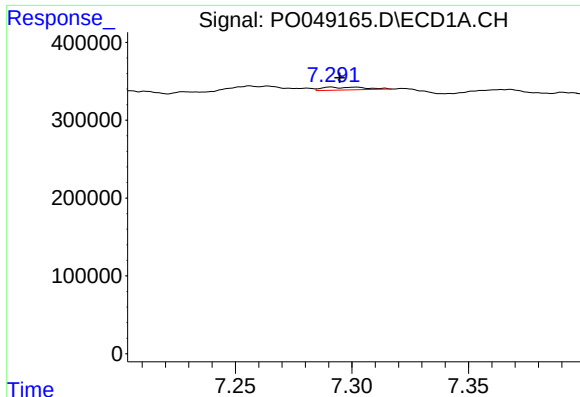
#28 AR-1254-3

R.T.: 7.058 min  
Delta R.T.: 0.049 min  
Response: 315791  
Conc: 19.33 ng/ml



#28 AR-1254-3

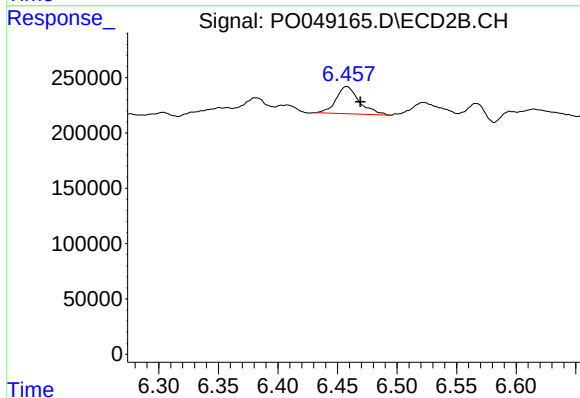
R.T.: 0.000 min  
Exp R.T. : 6.157 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

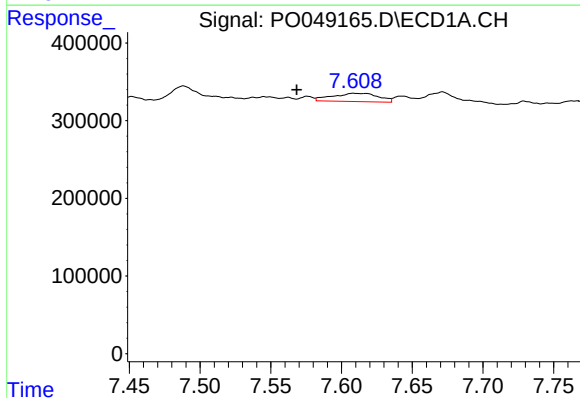
R.T.: 7.291 min  
Delta R.T.: -0.004 min  
Response: 47807  
Conc: 3.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



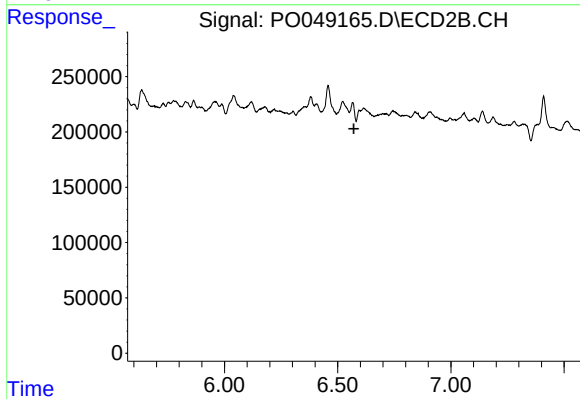
#29 AR-1254-4

R.T.: 6.458 min  
Delta R.T.: -0.011 min  
Response: 334280  
Conc: 32.64 ng/ml



#30 AR-1254-5

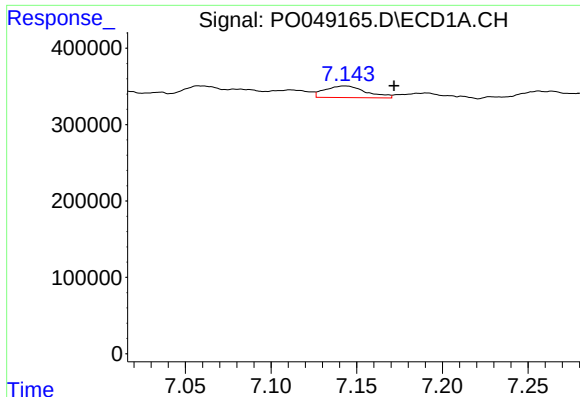
R.T.: 7.609 min  
Delta R.T.: 0.040 min  
Response: 243580  
Conc: 26.35 ng/ml



#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 6.572 min  
Response: 0  
Conc: N.D.

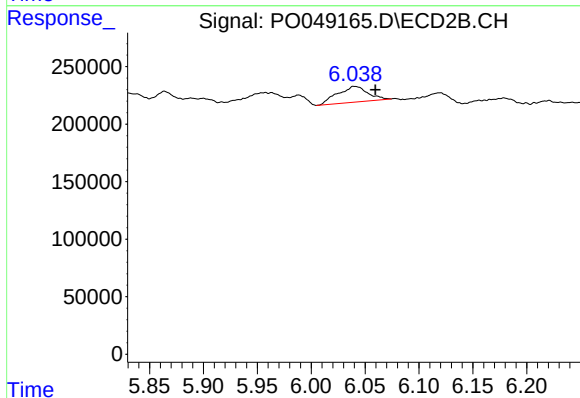




#31 AR-1260-1

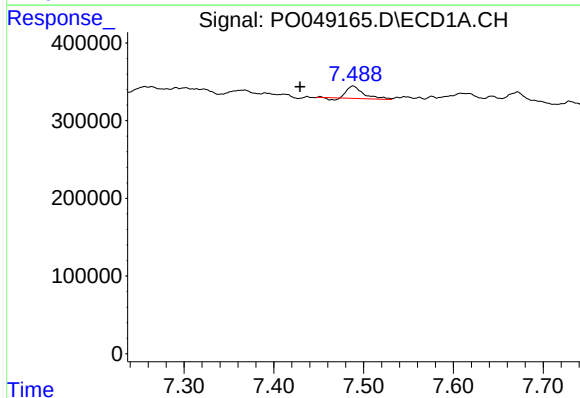
R.T.: 7.143 min  
Delta R.T.: -0.028 min  
Response: 255605  
Conc: 22.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



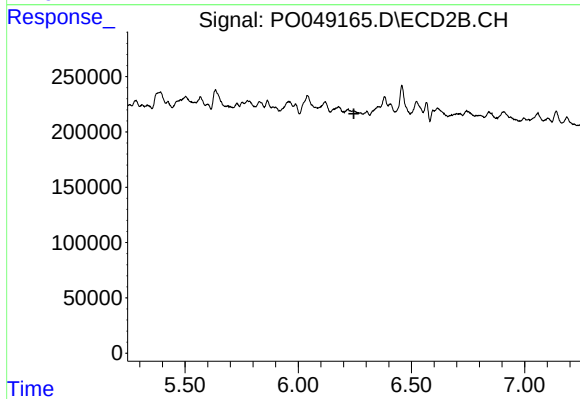
#31 AR-1260-1

R.T.: 6.040 min  
Delta R.T.: -0.019 min  
Response: 267314  
Conc: 18.59 ng/ml



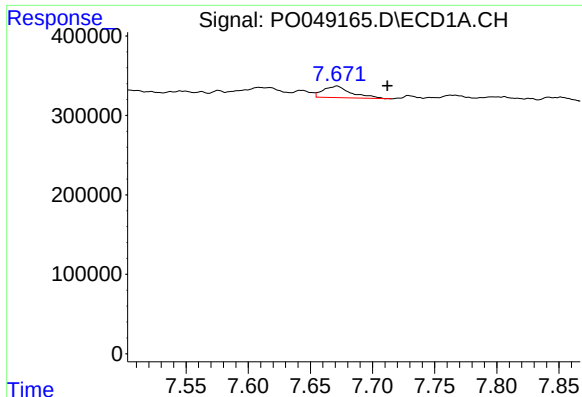
#32 AR-1260-2

R.T.: 7.488 min  
Delta R.T.: 0.059 min  
Response: 194455  
Conc: 14.49 ng/ml



#32 AR-1260-2

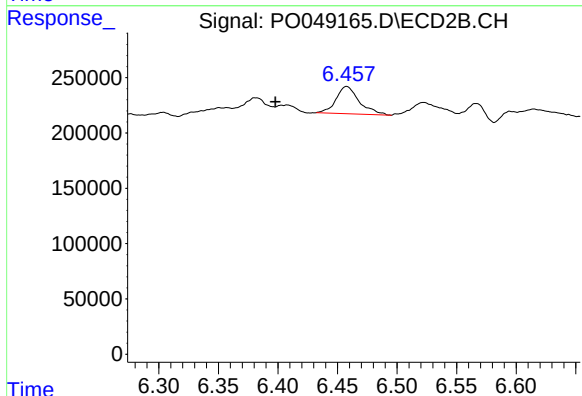
R.T.: 0.000 min  
Exp R.T.: 6.246 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

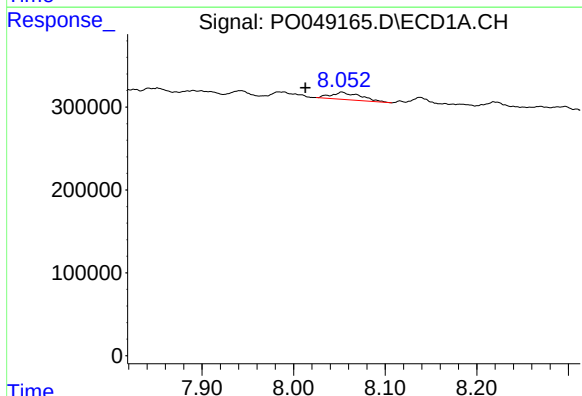
R.T.: 7.671 min  
Delta R.T.: -0.041 min  
Response: 226758  
Conc: 14.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



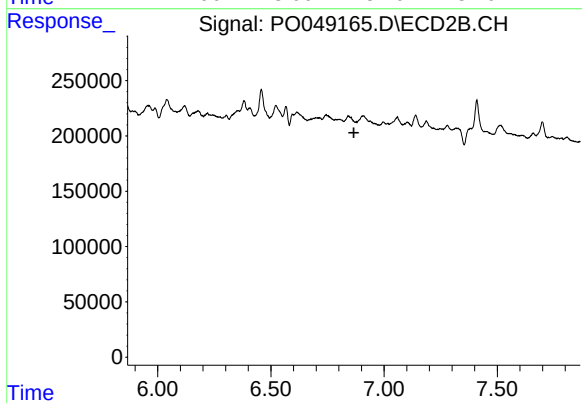
#33 AR-1260-3

R.T.: 6.458 min  
Delta R.T.: 0.060 min  
Response: 334280  
Conc: 20.31 ng/ml



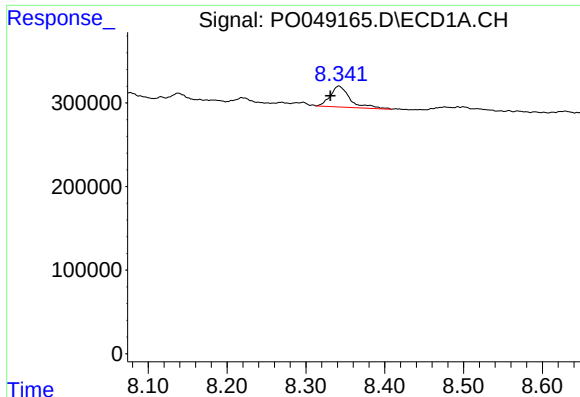
#34 AR-1260-4

R.T.: 8.053 min  
Delta R.T.: 0.040 min  
Response: 196622  
Conc: 17.97 ng/ml



#34 AR-1260-4

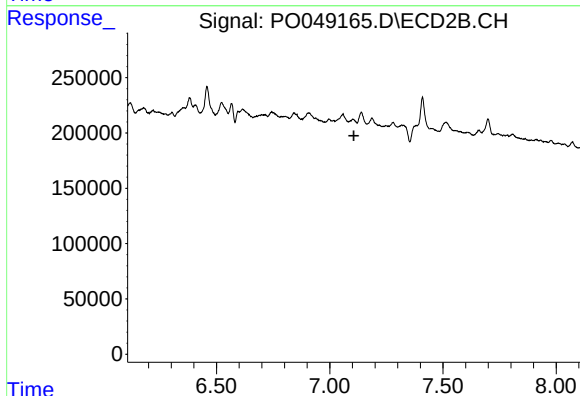
R.T.: 0.000 min  
Exp R.T.: 6.866 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

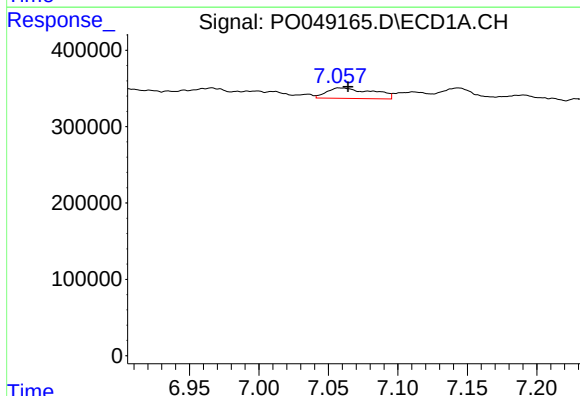
R.T.: 8.342 min  
Delta R.T.: 0.011 min  
Response: 439652  
Conc: 18.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



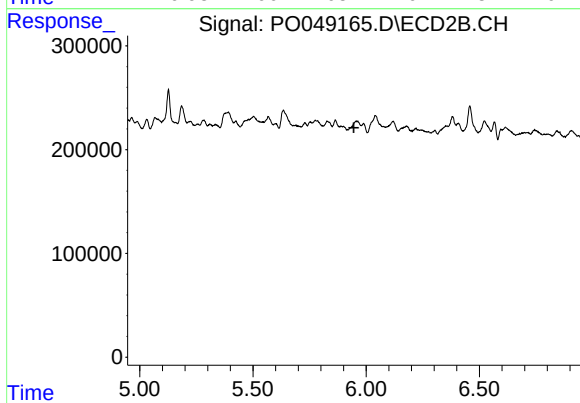
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.107 min  
Response: 0  
Conc: N.D.



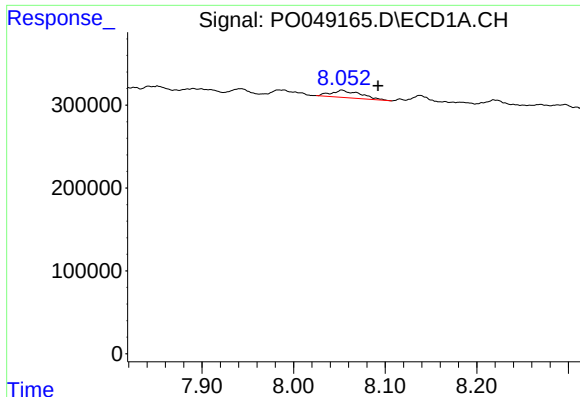
#36 AR-1262-1

R.T.: 7.058 min  
Delta R.T.: -0.006 min  
Response: 315791  
Conc: 48.35 ng/ml



#36 AR-1262-1

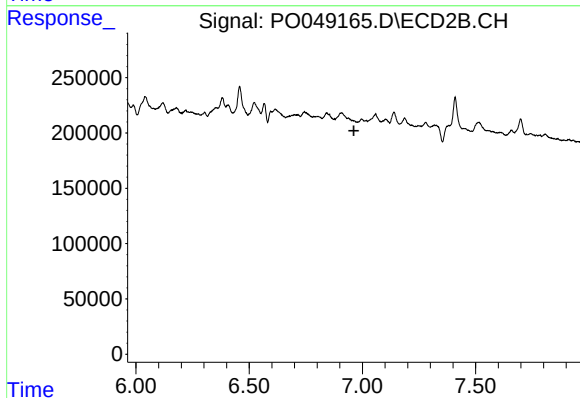
R.T.: 0.000 min  
Exp R.T. : 5.945 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

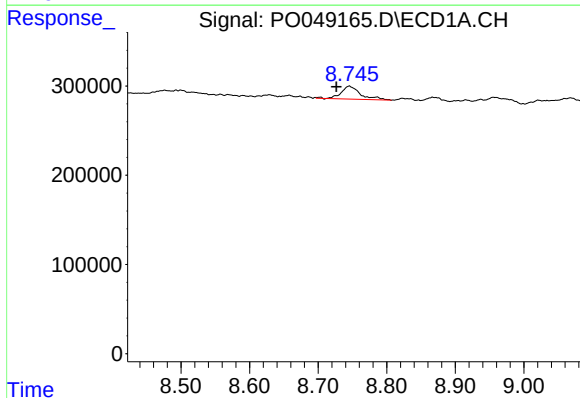
R.T.: 8.053 min  
Delta R.T.: -0.039 min  
Response: 196622  
Conc: 34.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



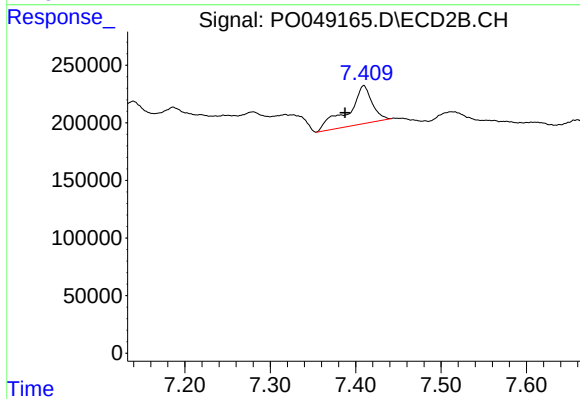
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 6.962 min  
Response: 0  
Conc: N.D.



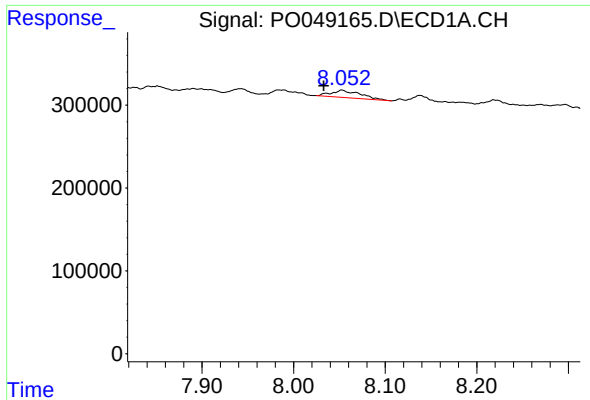
#39 AR-1262-4

R.T.: 8.745 min  
Delta R.T.: 0.019 min  
Response: 290757  
Conc: 21.19 ng/ml



#39 AR-1262-4

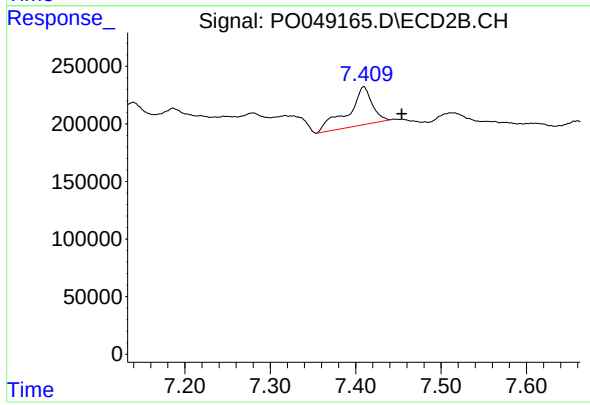
R.T.: 7.410 min  
Delta R.T.: 0.022 min  
Response: 648581  
Conc: 53.24 ng/ml



#42 AR-1268-2

R.T.: 8.053 min  
Delta R.T.: 0.020 min  
Response: 196622  
Conc: 25.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#42 AR-1268-2

R.T.: 7.410 min  
Delta R.T.: -0.044 min  
Response: 648581  
Conc: 19.53 ng/ml