

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0080919\  
 Data File : P0059104.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 09 Aug 2019 18:58  
 Operator : SM/SJ  
 Sample : K4233-02  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 RENTAL-PUMP

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 10 01:54:42 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0072819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Jul 27 06:49:05 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... | 4.150 | 3.513 | 774415  | 779510 | 18.350  | 19.512   |
| 2)                          | SA Decachlor... | 9.652 | 8.392 | 1085031 | 743131 | 20.035  | 18.826   |
| Target Compounds            |                 |       |       |         |        |         |          |
| 6)                          | L1 AR-1016-4    | 5.577 | 0.000 | 10838   | 0      | 7.746   | N.D. #   |
| 7)                          | L1 AR-1016-5    | 5.835 | 0.000 | 9729    | 0      | 6.792   | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.449 | 0.000 | 56734   | 0      | 124.892 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.449 | 3.852 | 56734   | 61208  | 164.553 | 205.078  |
| 10)                         | L2 AR-1221-3    | 4.580 | 3.852 | 29031   | 61208  | 26.474  | 63.985 # |
| 11)                         | L3 AR-1232-1    | 4.580 | 3.852 | 29031   | 61208  | 32.157  | 77.917 # |
| 12)                         | L3 AR-1232-2    | 5.036 | 0.000 | 10086   | 0      | 20.505  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 5.577 | 0.000 | 10838   | 0      | 20.330  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.577 | 0.000 | 10838   | 0      | 26.559  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.577 | 0.000 | 10838   | 0      | 11.278  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.232 | 5.376 | 30365   | 31059  | 25.852  | 28.955   |
| 22)                         | L5 AR-1248-2    | 5.577 | 0.000 | 10838   | 0      | 7.497   | N.D. #   |
| 23)                         | L5 AR-1248-3    | 5.835 | 0.000 | 9729    | 0      | 5.923   | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.192 | 0.000 | 10004   | 0      | 4.940   | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.232 | 5.376 | 30365   | 31059  | 15.730  | 22.421 # |
| 26)                         | L6 AR-1254-1    | 6.192 | 5.376 | 10004   | 31059  | 4.237   | 11.989 # |
| 27)                         | L6 AR-1254-2    | 6.405 | 0.000 | 48349   | 0      | 12.545  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 6.755 | 0.000 | 29500   | 0      | 7.285   | N.D. #   |
| 29)                         | L6 AR-1254-4    | 7.043 | 6.208 | 7248    | 31886  | 2.013   | 13.713 # |
| 30)                         | L6 AR-1254-5    | 7.384 | 0.000 | 13358   | 0      | 3.685   | N.D. #   |
| 31)                         | L7 AR-1260-1    | 6.914 | 0.000 | 26305   | 0      | 9.136   | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.167 | 6.208 | 107129  | 31886  | 25.752  | 10.526 # |
| 35)                         | L7 AR-1260-5    | 8.075 | 0.000 | 39354   | 0      | 5.351   | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.075 | 0.000 | 39354   | 0      | 4.945   | N.D. #   |
| 38)                         | L8 AR-1262-3    | 8.337 | 7.408 | 6393    | 89206  | 1.258   | 36.144 # |
| 39)                         | L8 AR-1262-4    | 8.430 | 7.408 | 5015    | 89206  | 1.323   | 21.009 # |
| 40)                         | L8 AR-1262-5    | 9.010 | 0.000 | 3285    | 0      | 1.430   | N.D. #   |
| 41)                         | L9 AR-1268-1    | 8.337 | 7.408 | 6393    | 89206  | 0.572   | 10.952 # |
| 42)                         | L9 AR-1268-2    | 8.430 | 7.408 | 5015    | 89206  | 0.534   | 11.773 # |
| 43)                         | L9 AR-1268-3    | 8.616 | 7.597 | 7254    | 86990  | 0.878   | 13.609 # |
| 44)                         | L9 AR-1268-4    | 9.010 | 0.000 | 3285    | 0      | 1.099   | N.D. #   |
| 45)                         | L9 AR-1268-5    | 9.365 | 8.117 | 24604   | 26250  | 1.146   | 1.532 #  |
| -----                       |                 |       |       |         |        |         |          |

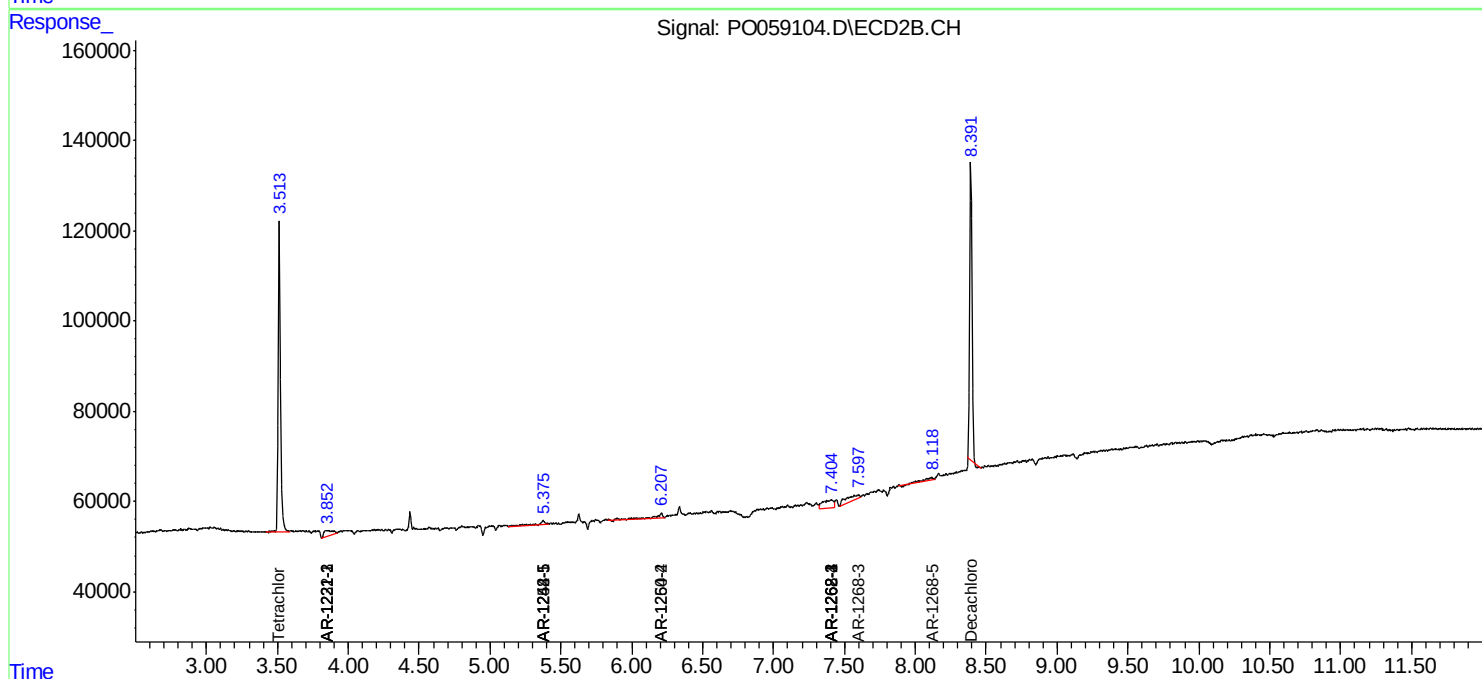
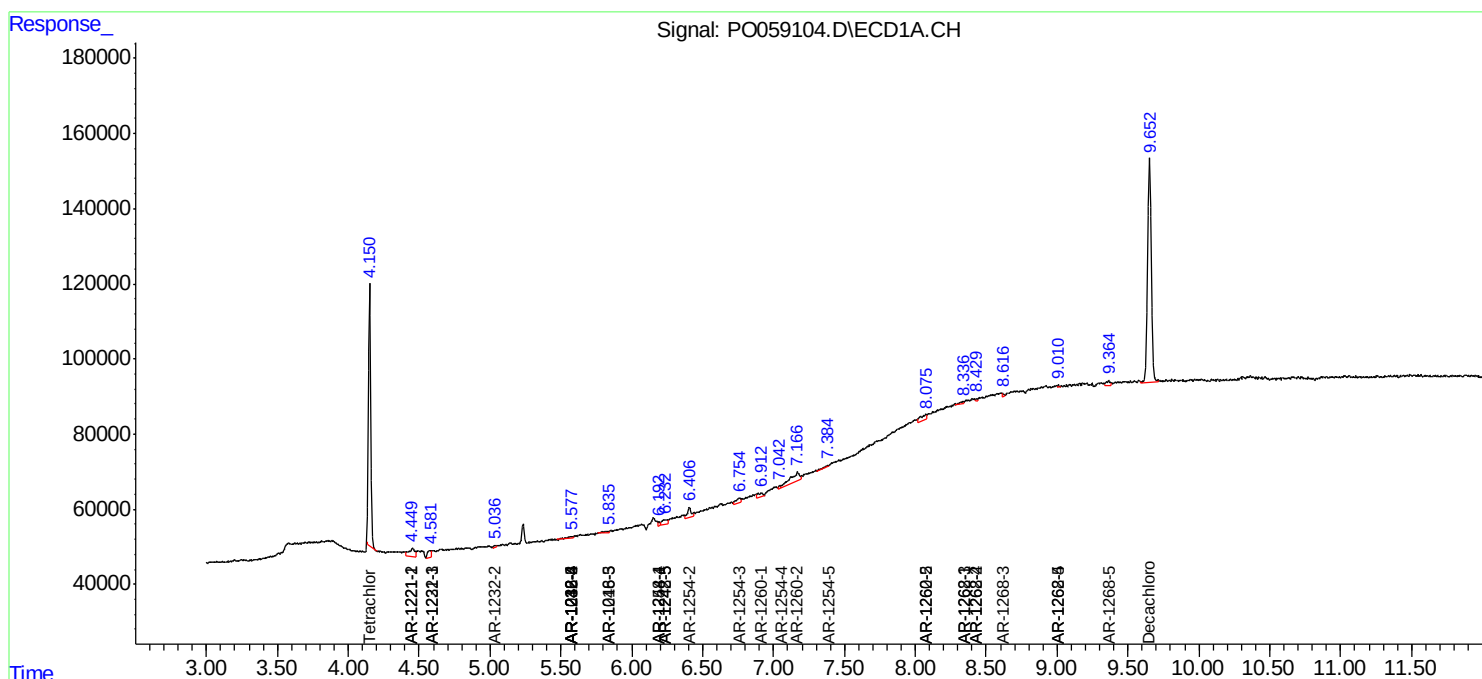
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

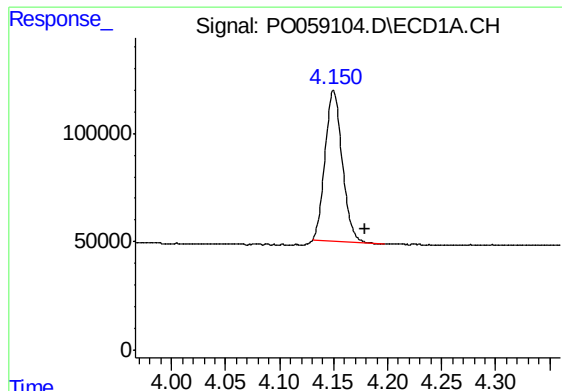
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO080919\  
Data File : PO059104.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 09 Aug 2019 18:58  
Operator : SM/SJ  
Sample : K4233-02  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 01:54:42 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO072819.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Jul 27 06:49:05 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

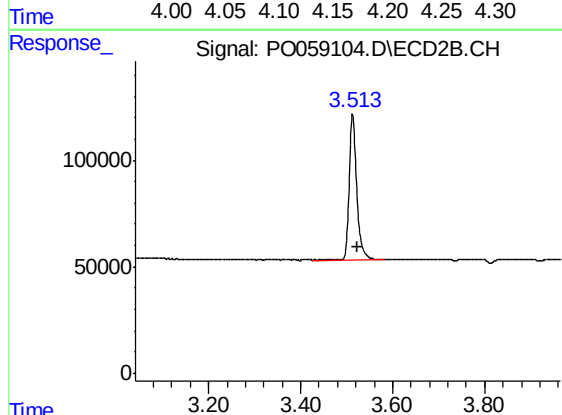




#1 Tetrachloro-m-xylene

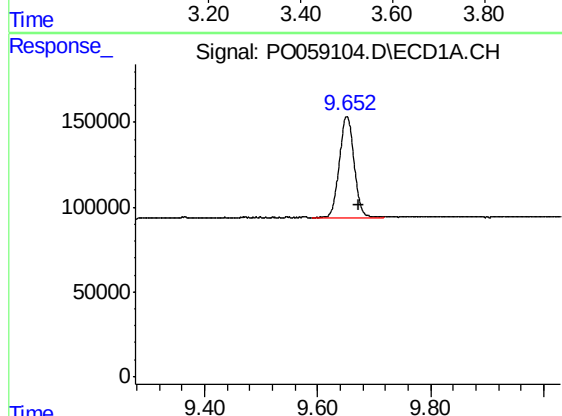
R.T.: 4.150 min  
Delta R.T.: -0.029 min  
Response: 774415  
Conc: 18.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



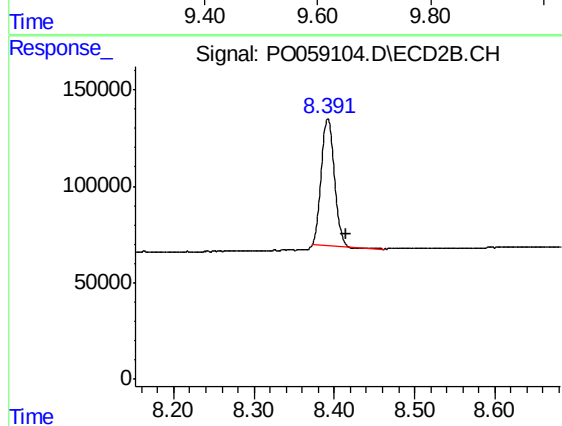
#1 Tetrachloro-m-xylene

R.T.: 3.513 min  
Delta R.T.: -0.012 min  
Response: 779510  
Conc: 19.51 ng/ml



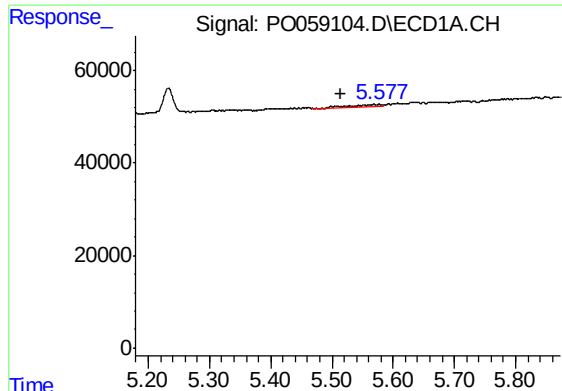
#2 Decachlorobiphenyl

R.T.: 9.652 min  
Delta R.T.: -0.021 min  
Response: 1085031  
Conc: 20.04 ng/ml



#2 Decachlorobiphenyl

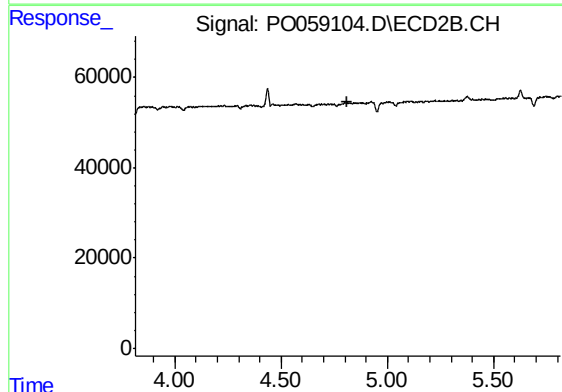
R.T.: 8.392 min  
Delta R.T.: -0.022 min  
Response: 743131  
Conc: 18.83 ng/ml



#6 AR-1016-4

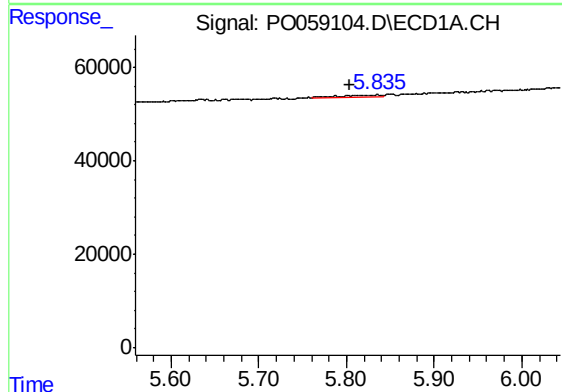
R.T.: 5.577 min  
Delta R.T.: 0.062 min  
Response: 10838  
Conc: 7.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



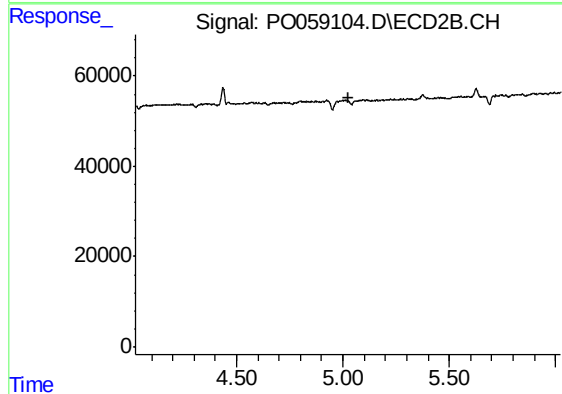
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 4.815 min  
Response: 0  
Conc: N.D.



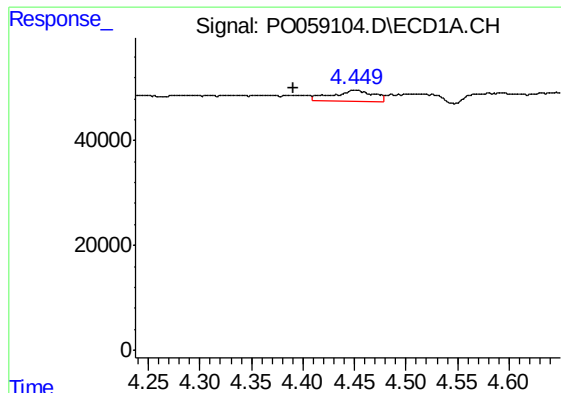
#7 AR-1016-5

R.T.: 5.835 min  
Delta R.T.: 0.031 min  
Response: 9729  
Conc: 6.79 ng/ml



#7 AR-1016-5

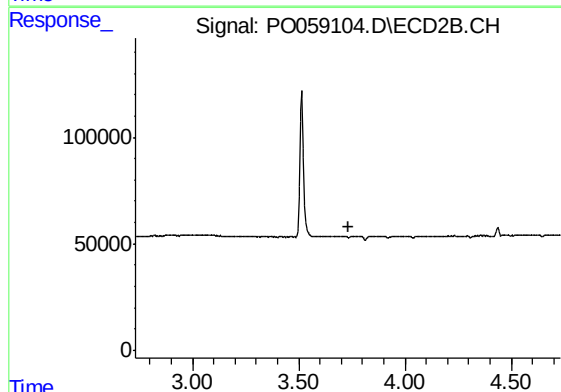
R.T.: 0.000 min  
Exp R.T. : 5.024 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

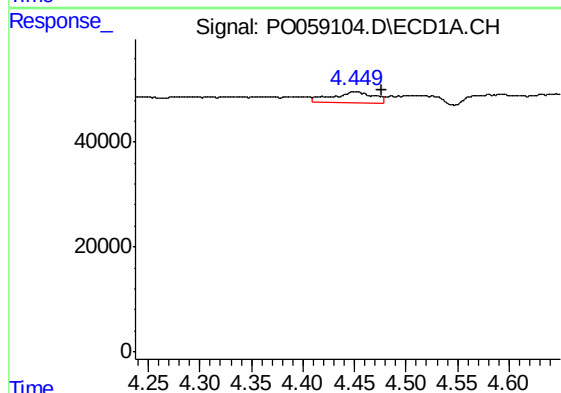
R.T.: 4.449 min  
Delta R.T.: 0.058 min  
Response: 56734  
Conc: 124.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



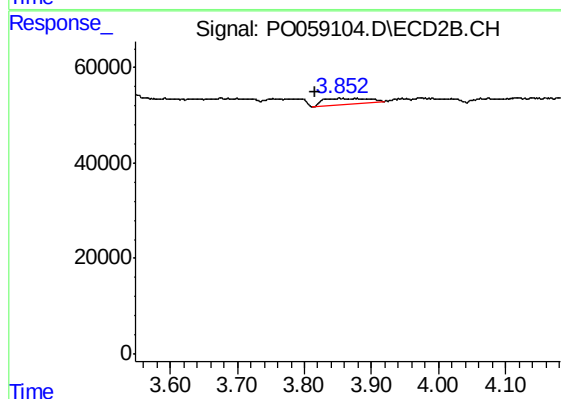
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.732 min  
Response: 0  
Conc: N.D.



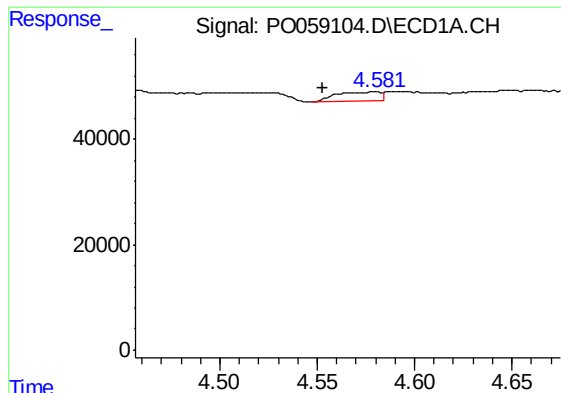
#9 AR-1221-2

R.T.: 4.449 min  
Delta R.T.: -0.028 min  
Response: 56734  
Conc: 164.55 ng/ml



#9 AR-1221-2

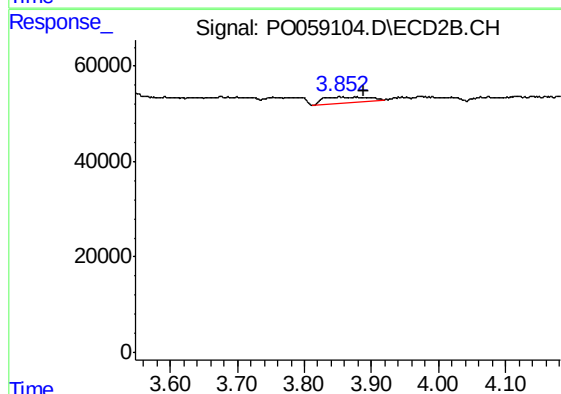
R.T.: 3.852 min  
Delta R.T.: 0.036 min  
Response: 61208  
Conc: 205.08 ng/ml



#10 AR-1221-3

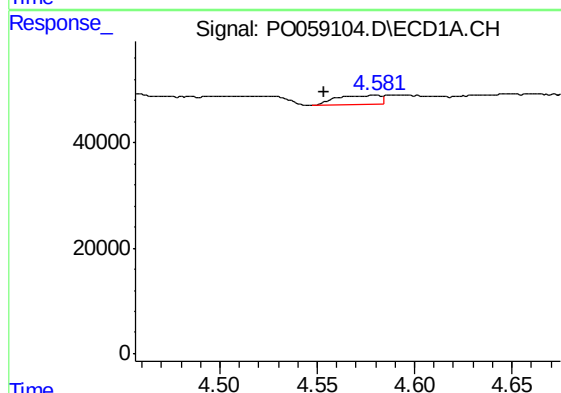
R.T.: 4.580 min  
Delta R.T.: 0.027 min  
Response: 29031  
Conc: 26.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



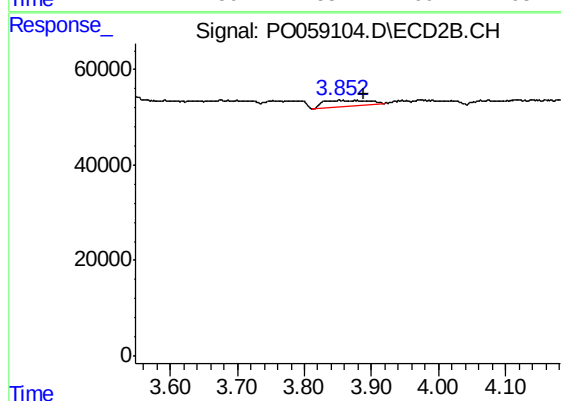
#10 AR-1221-3

R.T.: 3.852 min  
Delta R.T.: -0.037 min  
Response: 61208  
Conc: 63.98 ng/ml



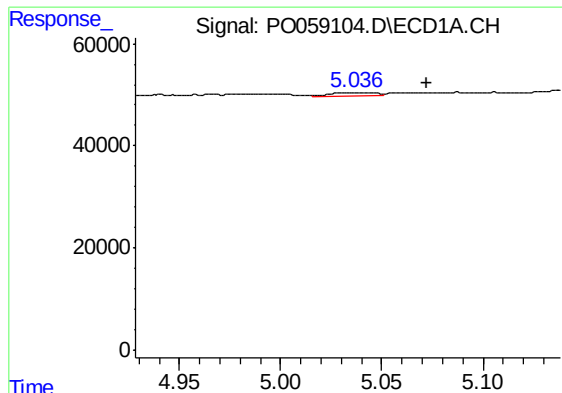
#11 AR-1232-1

R.T.: 4.580 min  
Delta R.T.: 0.026 min  
Response: 29031  
Conc: 32.16 ng/ml



#11 AR-1232-1

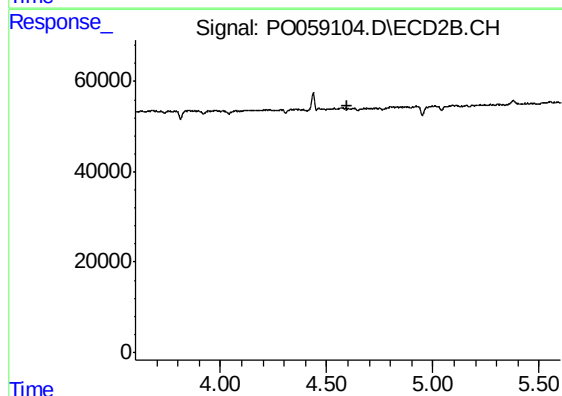
R.T.: 3.852 min  
Delta R.T.: -0.038 min  
Response: 61208  
Conc: 77.92 ng/ml



#12 AR-1232-2

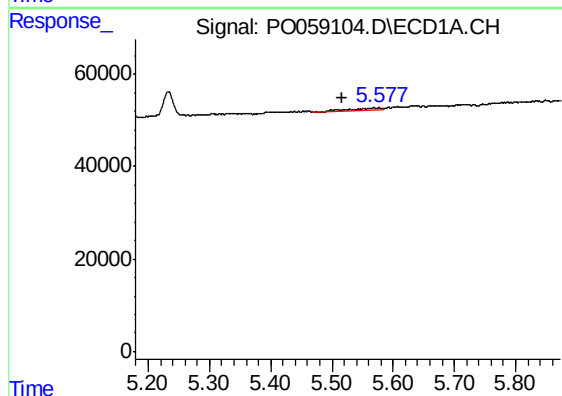
R.T.: 5.036 min  
Delta R.T.: -0.035 min  
Response: 10086  
Conc: 20.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



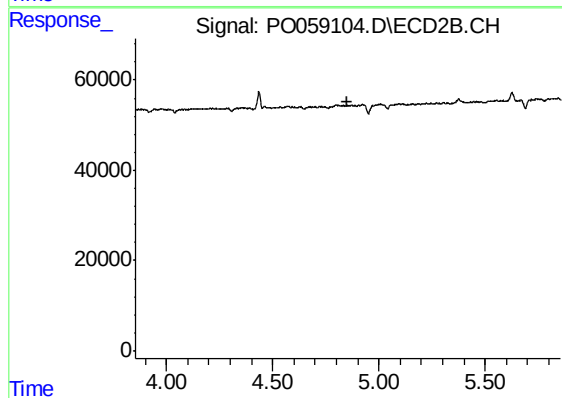
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 4.600 min  
Response: 0  
Conc: N.D.



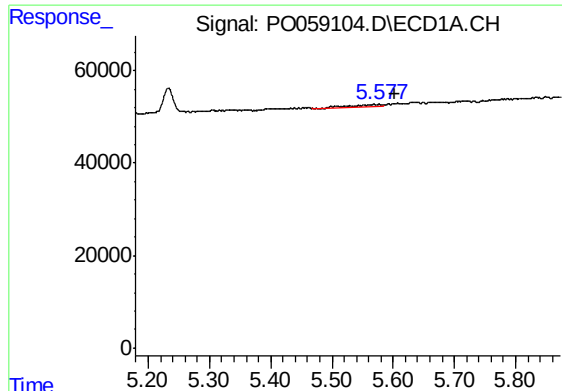
#14 AR-1232-4

R.T.: 5.577 min  
Delta R.T.: 0.061 min  
Response: 10838  
Conc: 20.33 ng/ml



#14 AR-1232-4

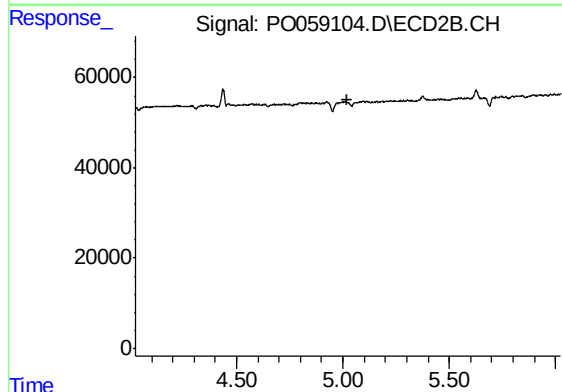
R.T.: 0.000 min  
Exp R.T. : 4.854 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

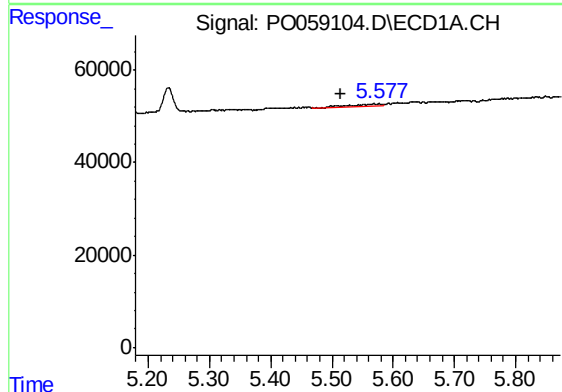
R.T.: 5.577 min  
Delta R.T.: -0.026 min  
Response: 10838  
Conc: 26.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



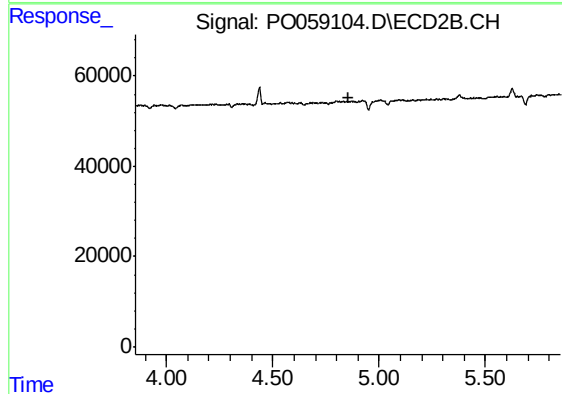
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.023 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

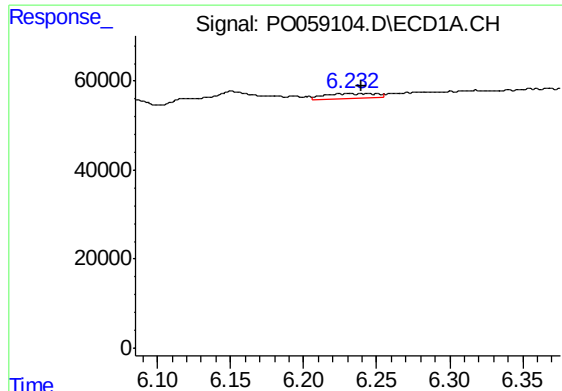
R.T.: 5.577 min  
Delta R.T.: 0.062 min  
Response: 10838  
Conc: 11.28 ng/ml



#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 4.854 min  
Response: 0  
Conc: N.D.

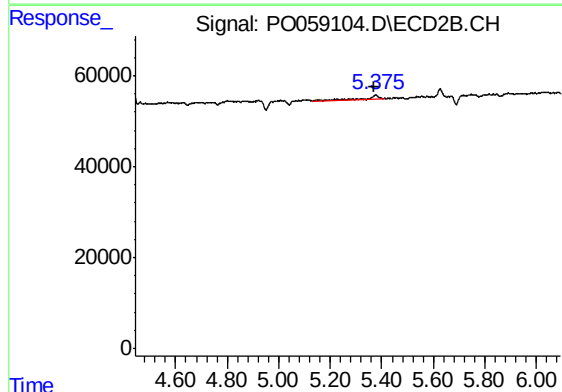




#20 AR-1242-5

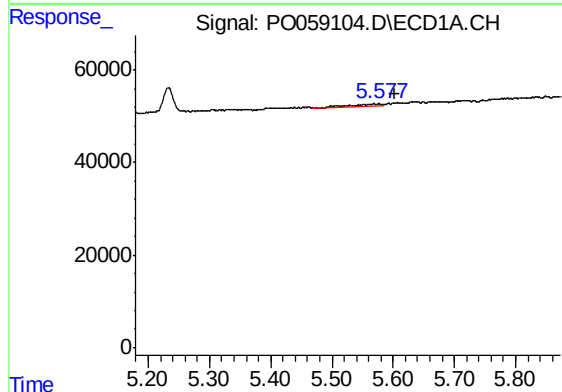
R.T.: 6.232 min  
Delta R.T.: -0.008 min  
Response: 30365  
Conc: 25.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



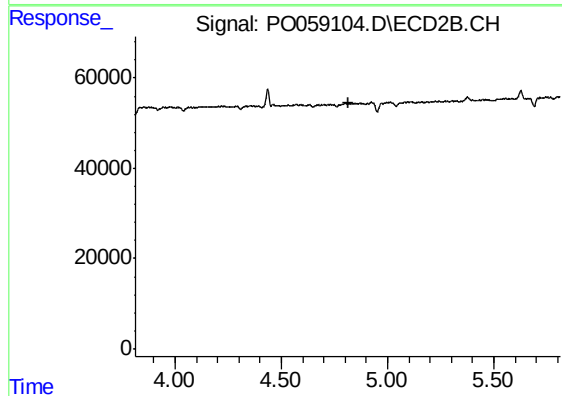
#20 AR-1242-5

R.T.: 5.376 min  
Delta R.T.: 0.008 min  
Response: 31059  
Conc: 28.95 ng/ml



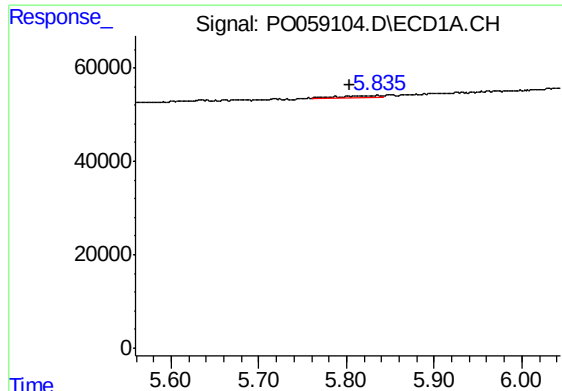
#22 AR-1248-2

R.T.: 5.577 min  
Delta R.T.: -0.025 min  
Response: 10838  
Conc: 7.50 ng/ml



#22 AR-1248-2

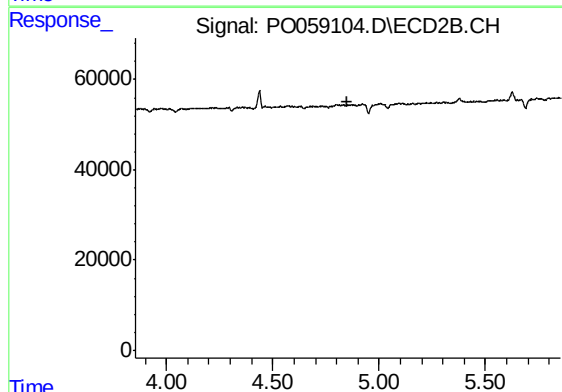
R.T.: 0.000 min  
Exp R.T. : 4.814 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

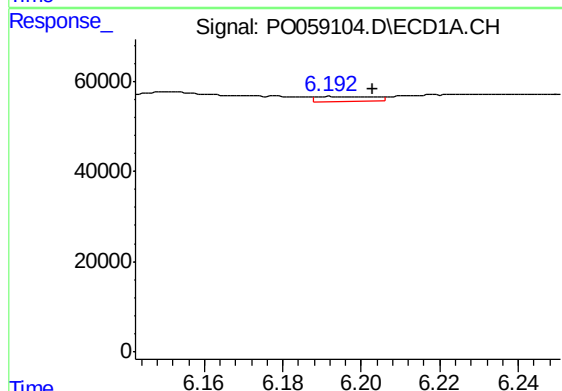
R.T.: 5.835 min  
Delta R.T.: 0.032 min  
Response: 9729  
Conc: 5.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



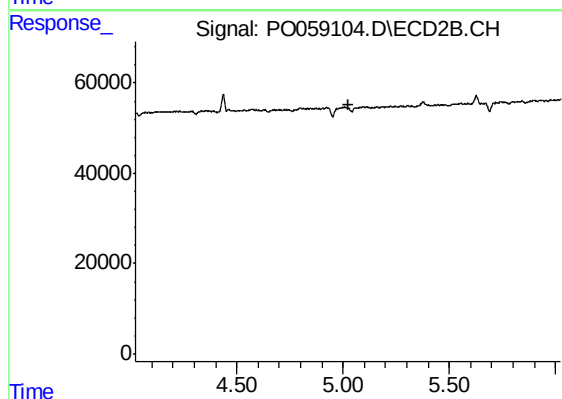
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 4.854 min  
Response: 0  
Conc: N.D.



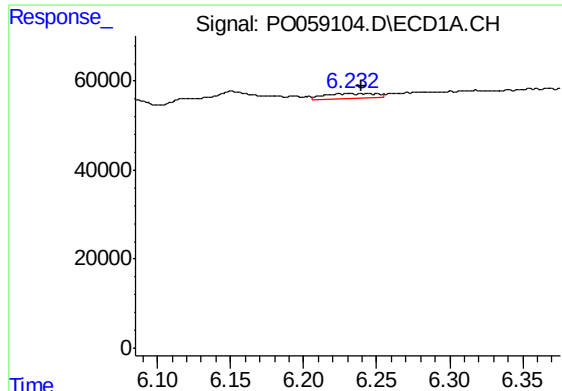
#24 AR-1248-4

R.T.: 6.192 min  
Delta R.T.: -0.011 min  
Response: 10004  
Conc: 4.94 ng/ml



#24 AR-1248-4

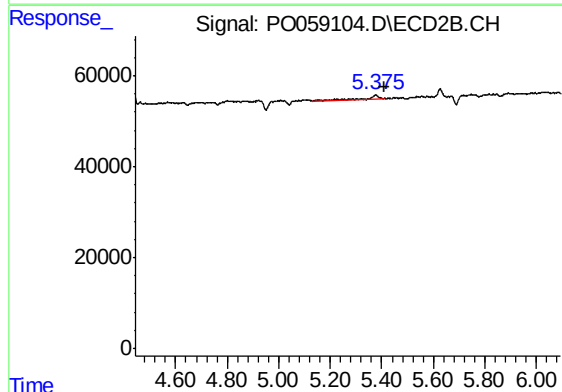
R.T.: 0.000 min  
Exp R.T. : 5.023 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

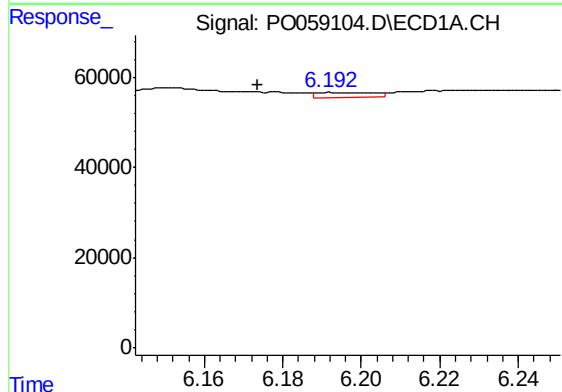
R.T.: 6.232 min  
Delta R.T.: -0.008 min  
Response: 30365  
Conc: 15.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



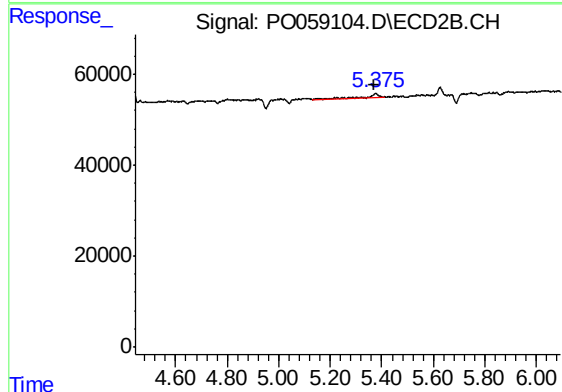
#25 AR-1248-5

R.T.: 5.376 min  
Delta R.T.: -0.032 min  
Response: 31059  
Conc: 22.42 ng/ml



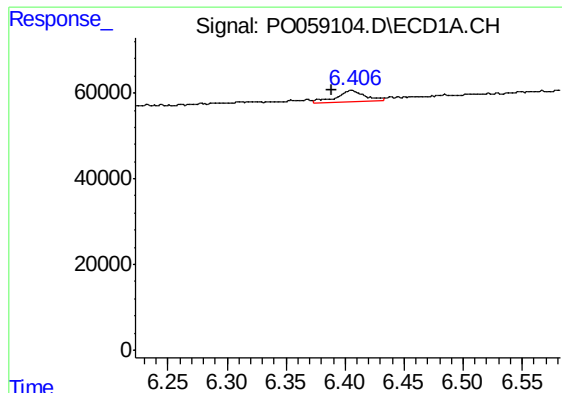
#26 AR-1254-1

R.T.: 6.192 min  
Delta R.T.: 0.019 min  
Response: 10004  
Conc: 4.24 ng/ml



#26 AR-1254-1

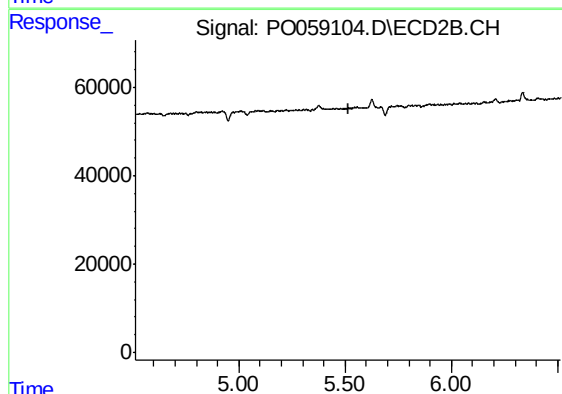
R.T.: 5.376 min  
Delta R.T.: 0.008 min  
Response: 31059  
Conc: 11.99 ng/ml



#27 AR-1254-2

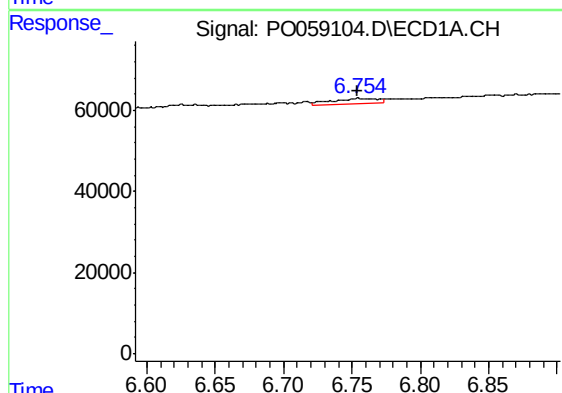
R.T.: 6.405 min  
Delta R.T.: 0.017 min  
Response: 48349  
Conc: 12.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



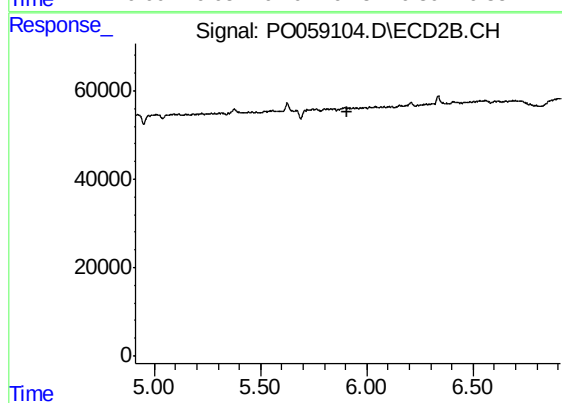
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.514 min  
Response: 0  
Conc: N.D.



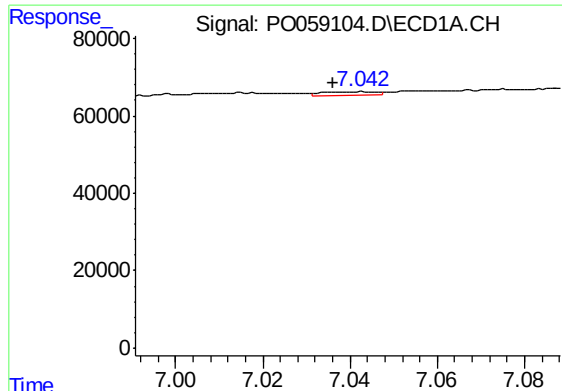
#28 AR-1254-3

R.T.: 6.755 min  
Delta R.T.: 0.000 min  
Response: 29500  
Conc: 7.28 ng/ml



#28 AR-1254-3

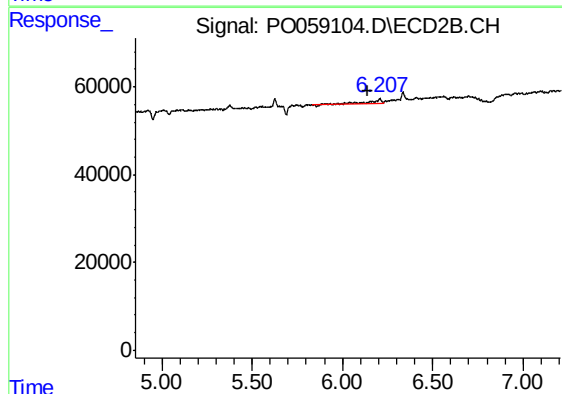
R.T.: 0.000 min  
Exp R.T. : 5.911 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

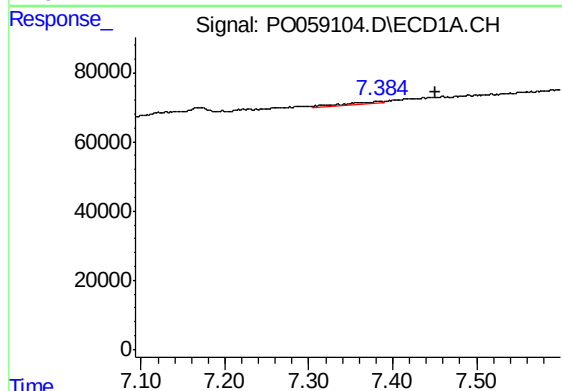
R.T.: 7.043 min  
Delta R.T.: 0.007 min  
Response: 7248  
Conc: 2.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



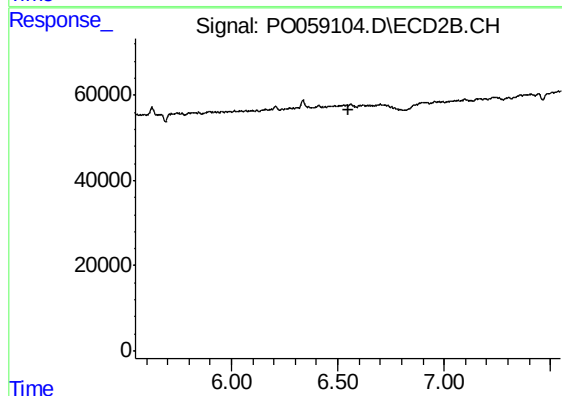
#29 AR-1254-4

R.T.: 6.208 min  
Delta R.T.: 0.070 min  
Response: 31886  
Conc: 13.71 ng/ml



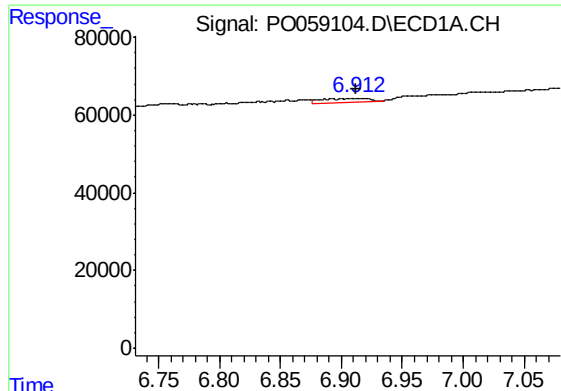
#30 AR-1254-5

R.T.: 7.384 min  
Delta R.T.: -0.066 min  
Response: 13358  
Conc: 3.69 ng/ml



#30 AR-1254-5

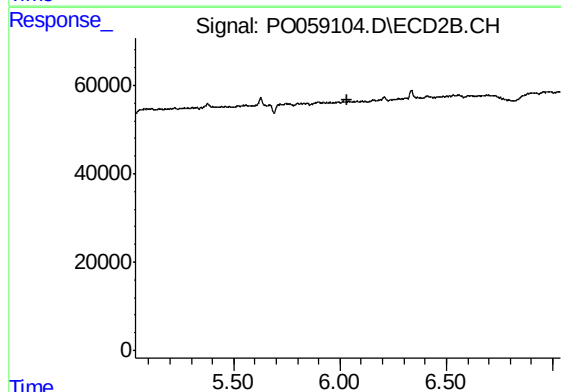
R.T.: 0.000 min  
Exp R.T. : 6.548 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

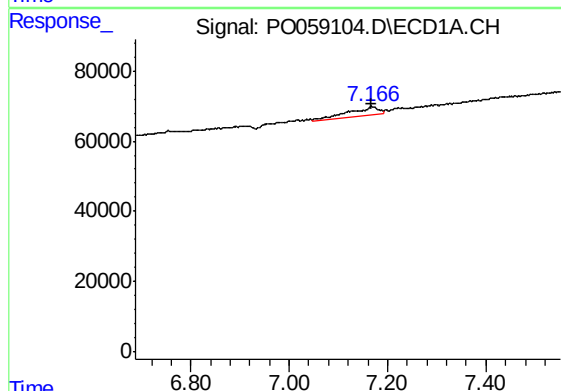
R.T.: 6.914 min  
Delta R.T.: 0.002 min  
Response: 26305  
Conc: 9.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



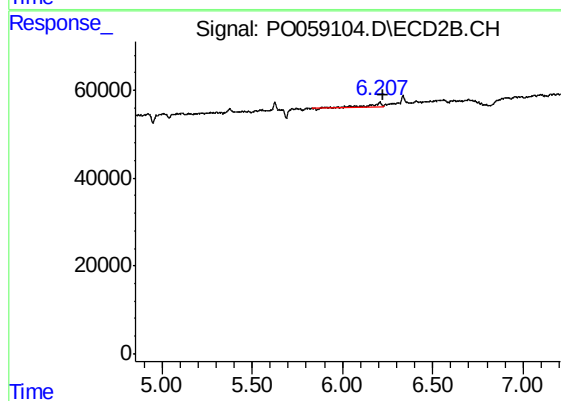
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.037 min  
Response: 0  
Conc: N.D.



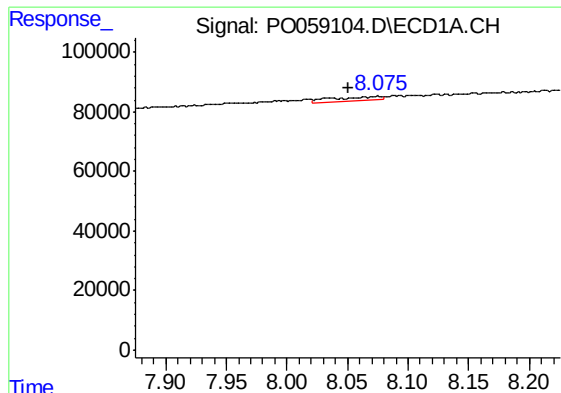
#32 AR-1260-2

R.T.: 7.167 min  
Delta R.T.: 0.000 min  
Response: 107129  
Conc: 25.75 ng/ml



#32 AR-1260-2

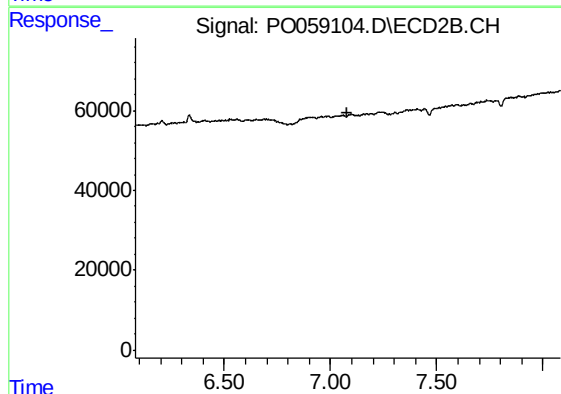
R.T.: 6.208 min  
Delta R.T.: -0.017 min  
Response: 31886  
Conc: 10.53 ng/ml



#35 AR-1260-5

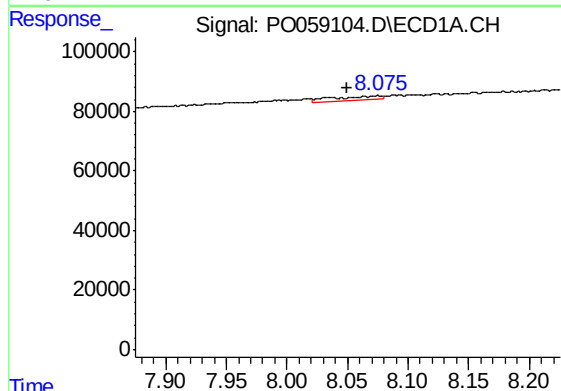
R.T.: 8.075 min  
Delta R.T.: 0.024 min  
Response: 39354  
Conc: 5.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



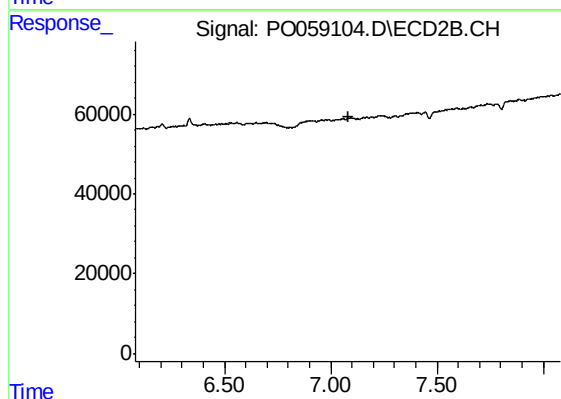
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.082 min  
Response: 0  
Conc: N.D.



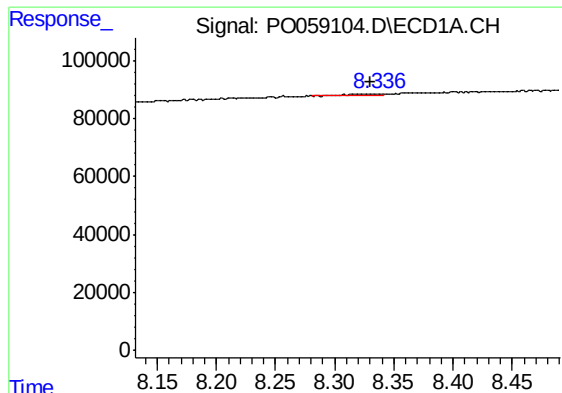
#37 AR-1262-2

R.T.: 8.075 min  
Delta R.T.: 0.025 min  
Response: 39354  
Conc: 4.94 ng/ml



#37 AR-1262-2

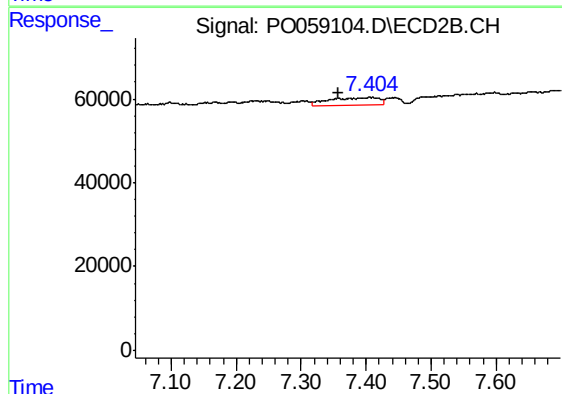
R.T.: 0.000 min  
Exp R.T. : 7.082 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

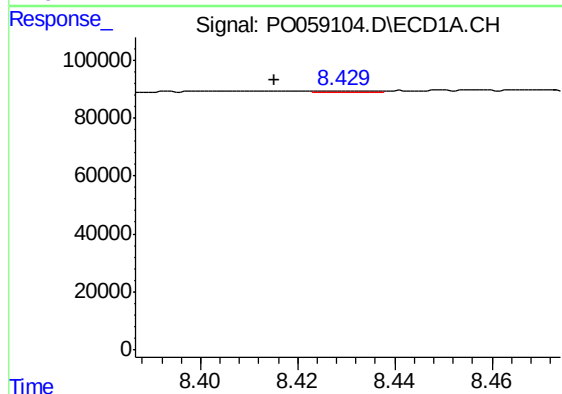
R.T.: 8.337 min  
Delta R.T.: 0.007 min  
Response: 6393  
Conc: 1.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



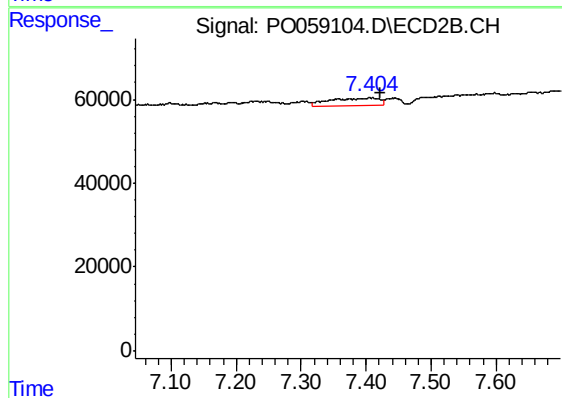
#38 AR-1262-3

R.T.: 7.408 min  
Delta R.T.: 0.051 min  
Response: 89206  
Conc: 36.14 ng/ml



#39 AR-1262-4

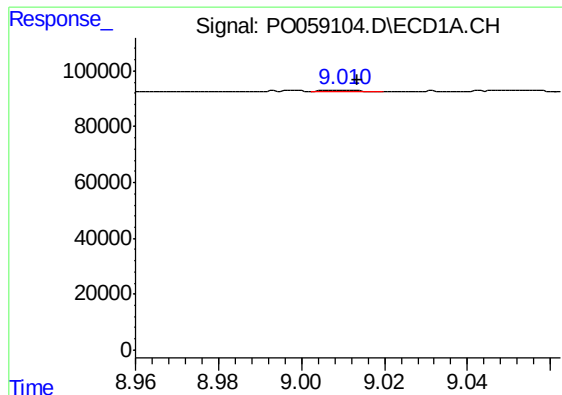
R.T.: 8.430 min  
Delta R.T.: 0.014 min  
Response: 5015  
Conc: 1.32 ng/ml



#39 AR-1262-4

R.T.: 7.408 min  
Delta R.T.: -0.014 min  
Response: 89206  
Conc: 21.01 ng/ml

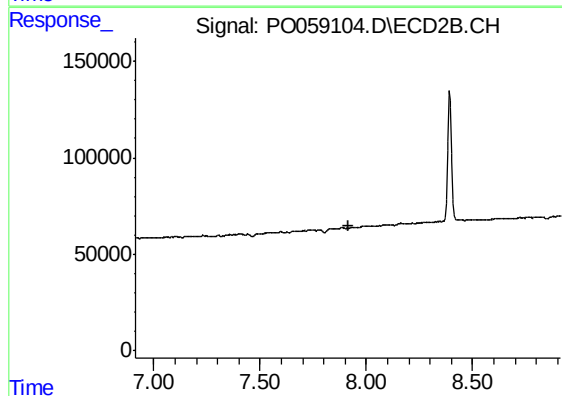




#40 AR-1262-5

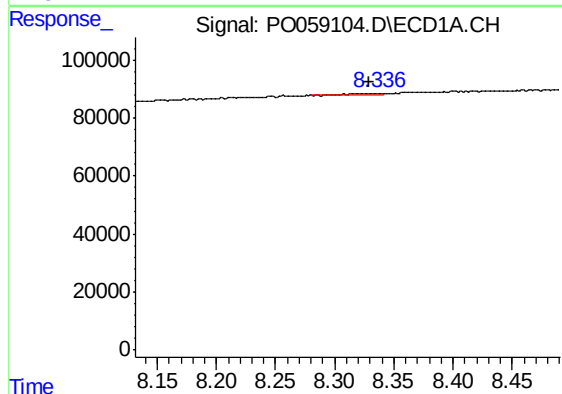
R.T.: 9.010 min  
Delta R.T.: -0.004 min  
Response: 3285  
Conc: 1.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



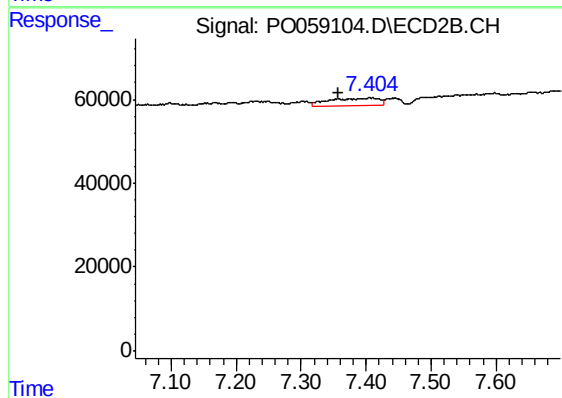
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 7.914 min  
Response: 0  
Conc: N.D.



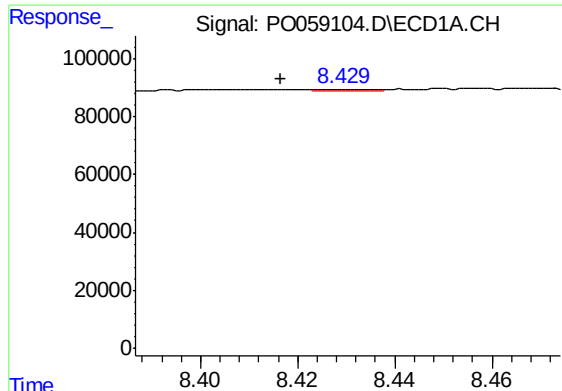
#41 AR-1268-1

R.T.: 8.337 min  
Delta R.T.: 0.007 min  
Response: 6393  
Conc: 0.57 ng/ml



#41 AR-1268-1

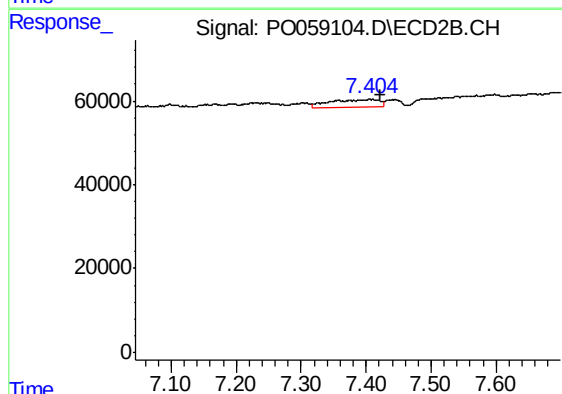
R.T.: 7.408 min  
Delta R.T.: 0.051 min  
Response: 89206  
Conc: 10.95 ng/ml



#42 AR-1268-2

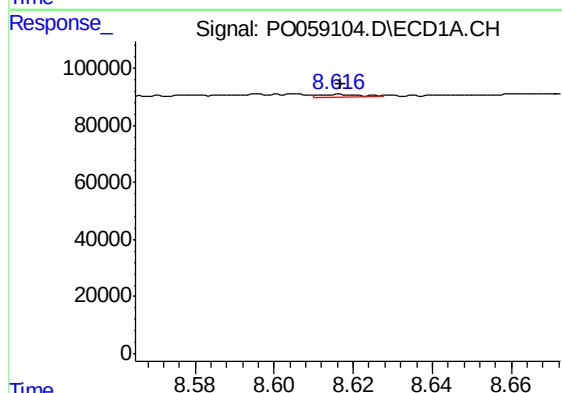
R.T.: 8.430 min  
Delta R.T.: 0.013 min  
Response: 5015  
Conc: 0.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



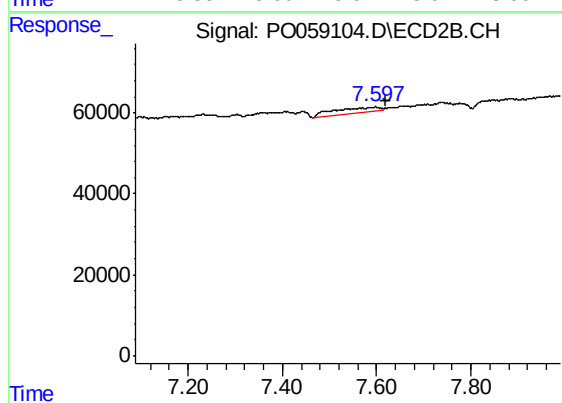
#42 AR-1268-2

R.T.: 7.408 min  
Delta R.T.: -0.014 min  
Response: 89206  
Conc: 11.77 ng/ml



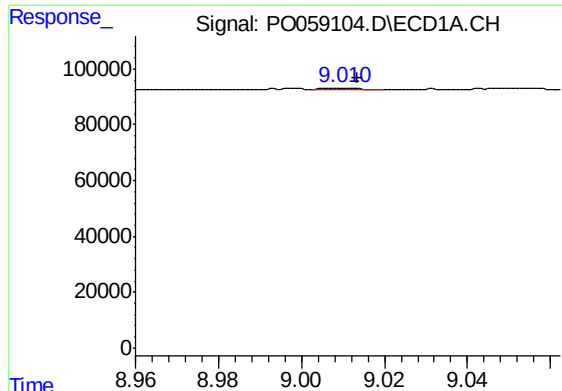
#43 AR-1268-3

R.T.: 8.616 min  
Delta R.T.: -0.001 min  
Response: 7254  
Conc: 0.88 ng/ml



#43 AR-1268-3

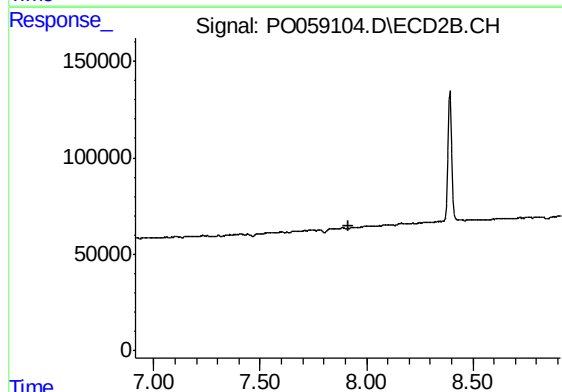
R.T.: 7.597 min  
Delta R.T.: -0.022 min  
Response: 86990  
Conc: 13.61 ng/ml



#44 AR-1268-4

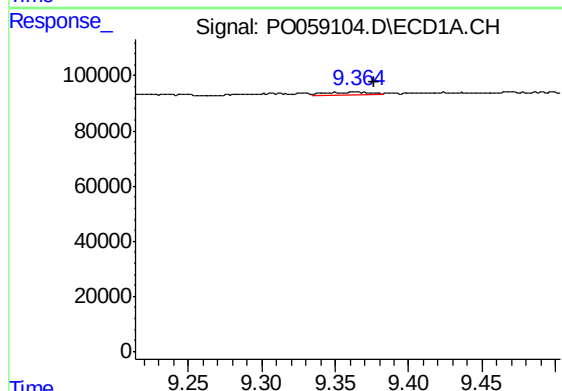
R.T.: 9.010 min  
Delta R.T.: -0.004 min  
Response: 3285  
Conc: 1.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RENTAL-PUMP



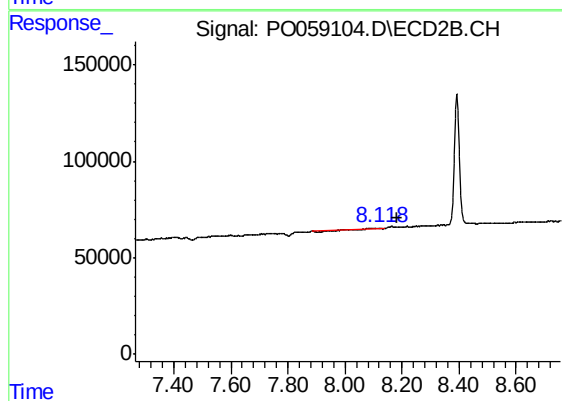
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 7.913 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.365 min  
Delta R.T.: -0.012 min  
Response: 24604  
Conc: 1.15 ng/ml



#45 AR-1268-5

R.T.: 8.117 min  
Delta R.T.: -0.066 min  
Response: 26250  
Conc: 1.53 ng/ml