

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0081419\  
 Data File : P0059268.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 14 Aug 2019 9:43  
 Operator : SM/SJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 10:45:18 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0072819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 14 09:07:26 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... | 4.207 | 3.511 | 6294    | 796401 | 0.149  | 19.935 # |
| 2)                          | SA Decachlor... | 9.648 | 8.387 | 1267031 | 921653 | 23.396 | 23.349   |
| Target Compounds            |                 |       |       |         |        |        |          |
| 3)                          | L1 AR-1016-1    | 5.333 | 0.000 | 5255    | 0      | 2.804  | N.D. #   |
| 4)                          | L1 AR-1016-2    | 5.333 | 0.000 | 5255    | 0      | 1.910  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 5.388 | 0.000 | 3995    | 0      | 2.353  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.576 | 0.000 | 4715    | 0      | 3.370  | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.451 | 0.000 | 12481   | 0      | 27.475 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.451 | 0.000 | 12481   | 0      | 36.200 | N.D. #   |
| 12)                         | L3 AR-1232-2    | 5.085 | 0.000 | 3366    | 0      | 6.843  | N.D. #   |
| 13)                         | L3 AR-1232-3    | 5.333 | 0.000 | 5255    | 0      | 4.908  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 5.576 | 0.000 | 4715    | 0      | 8.844  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.602 | 0.000 | 1562    | 0      | 3.827  | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.333 | 0.000 | 5255    | 0      | 4.104  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 5.333 | 0.000 | 5255    | 0      | 2.778  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 5.388 | 0.000 | 3995    | 0      | 3.406  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.576 | 0.000 | 4715    | 0      | 4.906  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.267 | 0.000 | 18130   | 0      | 15.435 | N.D. #   |
| 21)                         | L5 AR-1248-1    | 5.333 | 0.000 | 5255    | 0      | 5.198  | N.D. #   |
| 22)                         | L5 AR-1248-2    | 5.602 | 0.000 | 1562    | 0      | 1.080  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.152 | 0.000 | 36538   | 0      | 18.041 | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.267 | 0.000 | 18130   | 0      | 9.392  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.152 | 0.000 | 36538   | 0      | 15.474 | N.D. #   |
| 27)                         | L6 AR-1254-2    | 6.365 | 0.000 | 9896    | 0      | 2.568  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 6.761 | 0.000 | 111825  | 0      | 27.614 | N.D. #   |
| 30)                         | L6 AR-1254-5    | 7.458 | 0.000 | 7032    | 0      | 1.940  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 6.912 | 0.000 | 36368   | 0      | 12.632 | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.143 | 0.000 | 113120  | 0      | 27.192 | N.D. #   |
| 33)                         | L7 AR-1260-3    | 7.516 | 0.000 | 9160    | 0      | 2.460  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.033 | 0.000 | 10991   | 0      | 1.494  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 7.516 | 0.000 | 9160    | 0      | 1.817  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.033 | 0.000 | 10991   | 0      | 1.381  | N.D. #   |
| 38)                         | L8 AR-1262-3    | 8.323 | 7.393 | 5408    | 24721  | 1.064  | 10.016 # |
| 39)                         | L8 AR-1262-4    | 8.388 | 7.415 | 2994    | 1108   | 0.790  | 0.261 #  |
| 40)                         | L8 AR-1262-5    | 9.032 | 0.000 | 7863    | 0      | 3.422  | N.D. #   |
| 41)                         | L9 AR-1268-1    | 8.323 | 7.393 | 5408    | 24721  | 0.484  | 3.035 #  |
| 42)                         | L9 AR-1268-2    | 8.388 | 7.415 | 2994    | 1108   | 0.319  | 0.146 #  |
| 43)                         | L9 AR-1268-3    | 8.622 | 7.595 | 5841    | 16763  | 0.707  | 2.622 #  |
| 44)                         | L9 AR-1268-4    | 9.032 | 0.000 | 7863    | 0      | 2.630  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 9.372 | 0.000 | 10546   | 0      | 0.491  | N.D. #   |
| -----                       |                 |       |       |         |        |        |          |

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

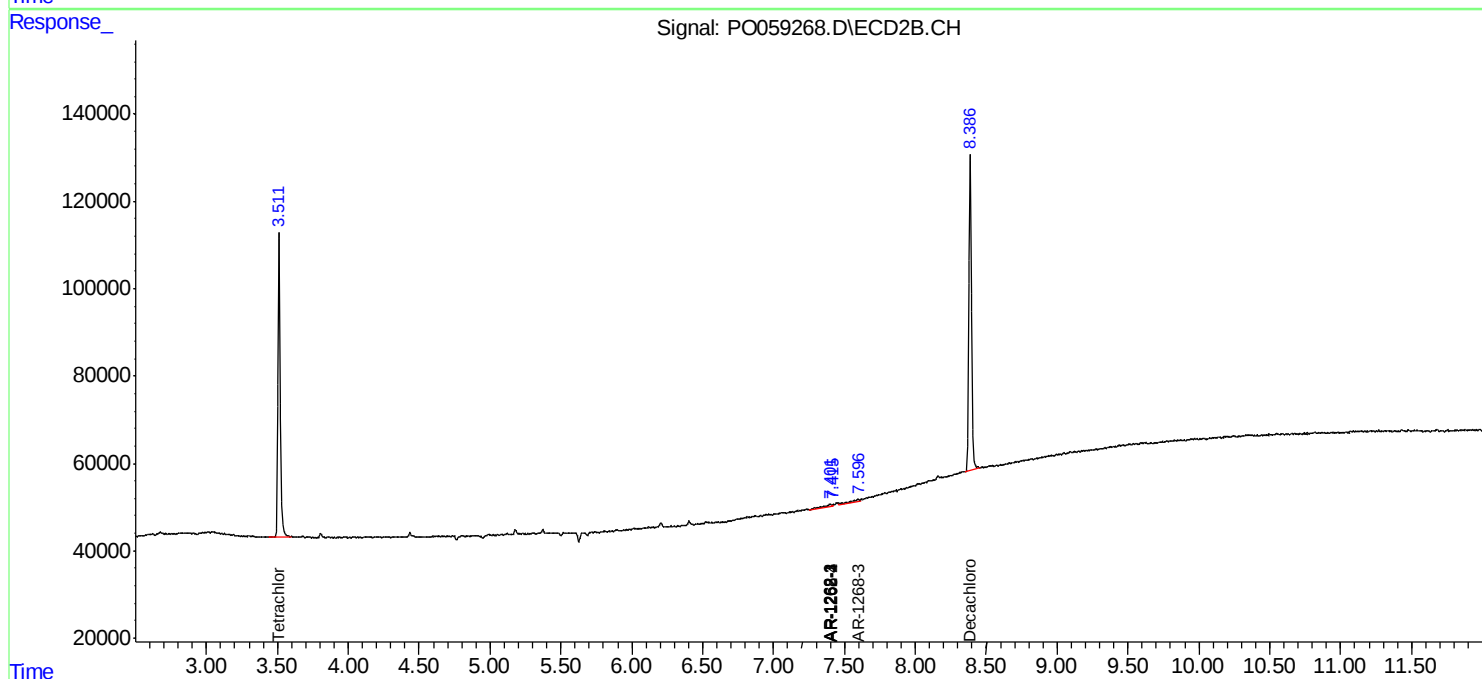
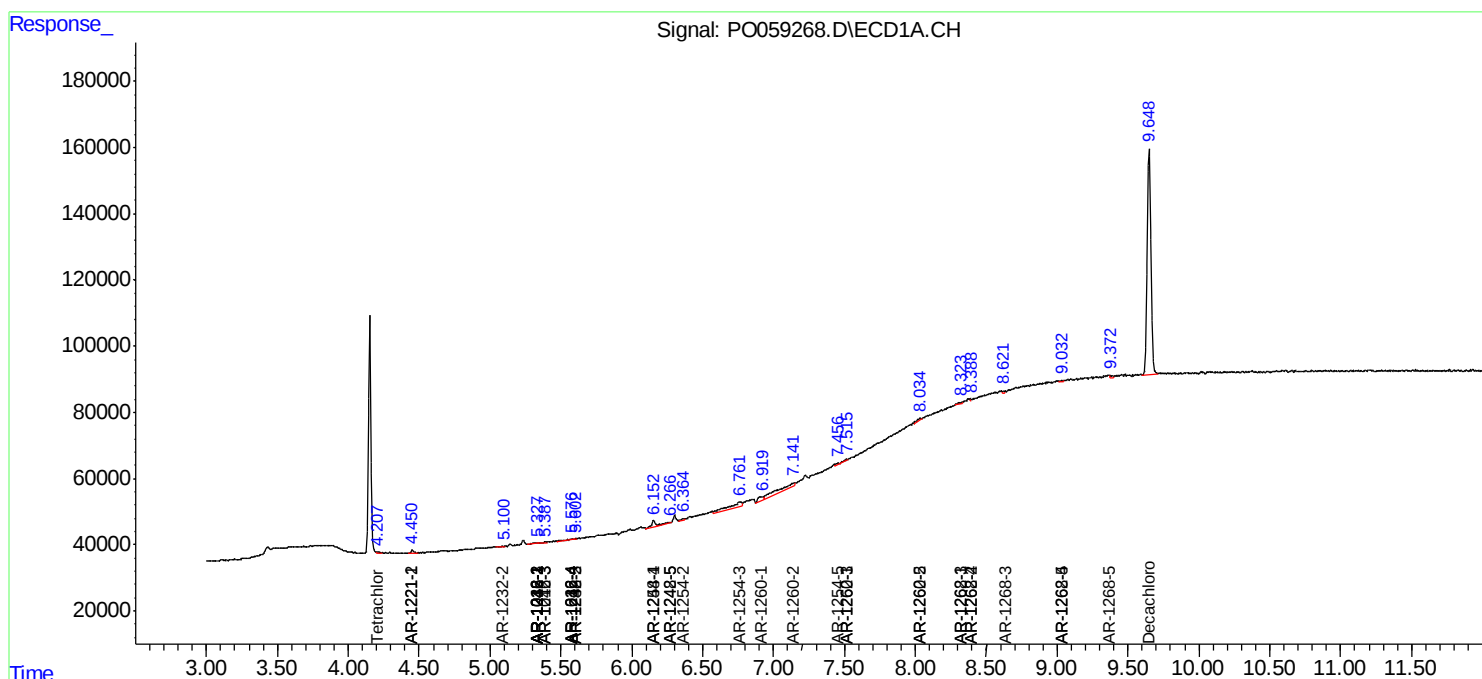
Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

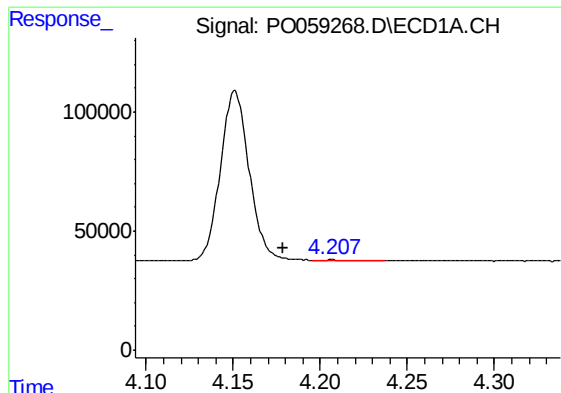
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO081419\  
Data File : PO059268.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 14 Aug 2019 9:43  
Operator : SM/SJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 14 10:45:18 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO072819.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 14 09:07:26 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

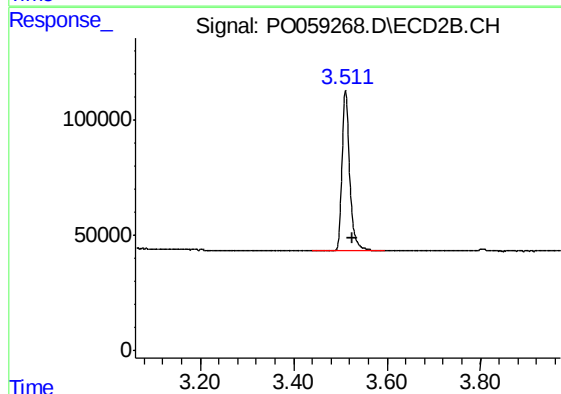




#1 Tetrachloro-m-xylene

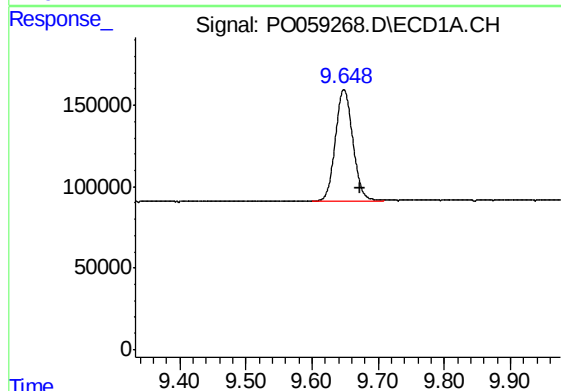
R.T.: 4.207 min  
Delta R.T.: 0.028 min  
Response: 6294  
Conc: 0.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



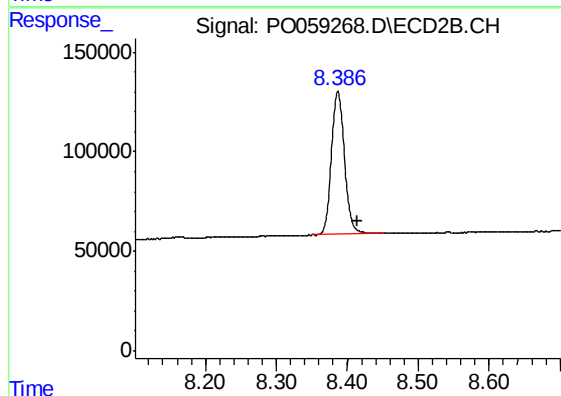
#1 Tetrachloro-m-xylene

R.T.: 3.511 min  
Delta R.T.: -0.014 min  
Response: 796401  
Conc: 19.93 ng/ml



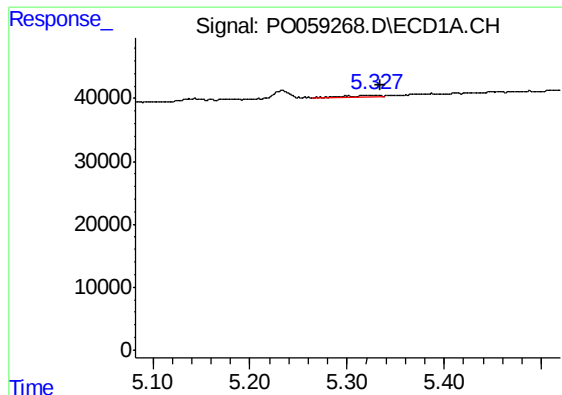
#2 Decachlorobiphenyl

R.T.: 9.648 min  
Delta R.T.: -0.024 min  
Response: 1267031  
Conc: 23.40 ng/ml



#2 Decachlorobiphenyl

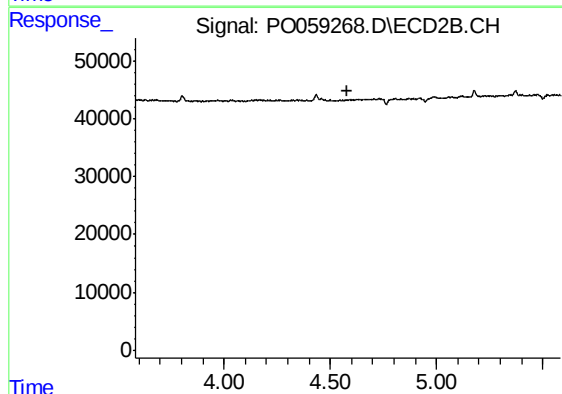
R.T.: 8.387 min  
Delta R.T.: -0.027 min  
Response: 921653  
Conc: 23.35 ng/ml



#3 AR-1016-1

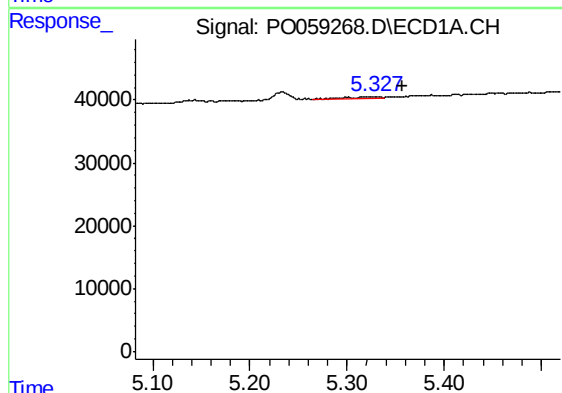
R.T.: 5.333 min  
Delta R.T.: -0.002 min  
Response: 5255  
Conc: 2.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



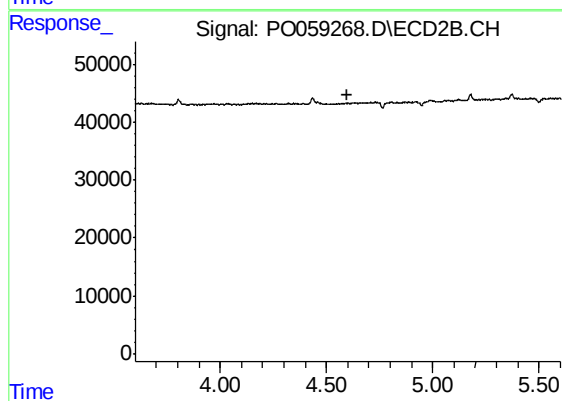
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.583 min  
Response: 0  
Conc: N.D.



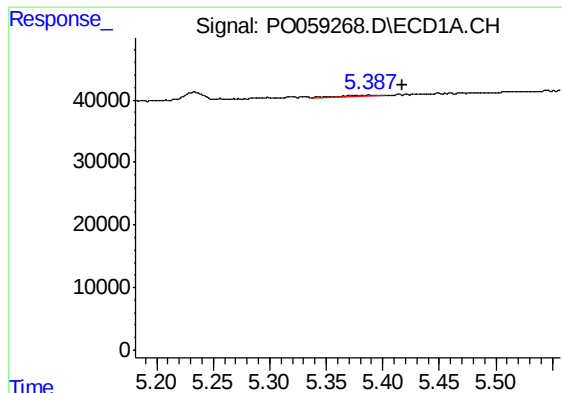
#4 AR-1016-2

R.T.: 5.333 min  
Delta R.T.: -0.024 min  
Response: 5255  
Conc: 1.91 ng/ml



#4 AR-1016-2

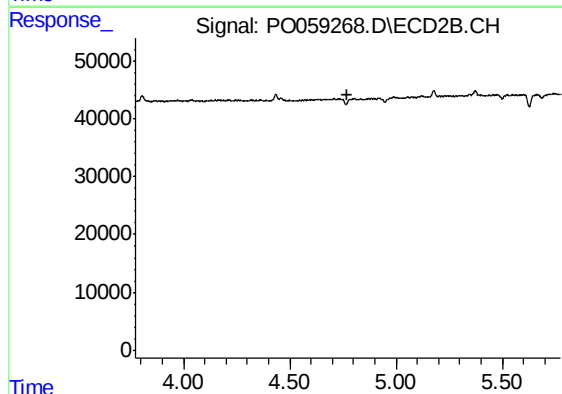
R.T.: 0.000 min  
Exp R.T. : 4.601 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

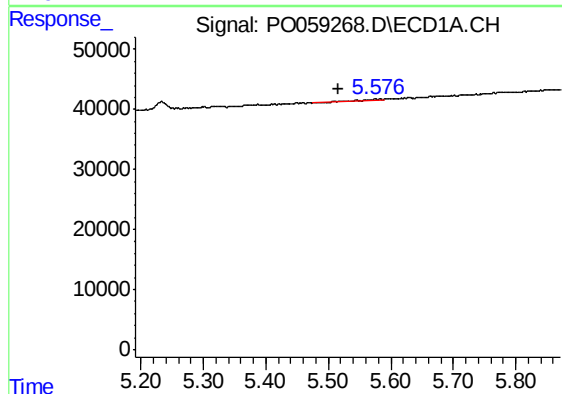
R.T.: 5.388 min  
Delta R.T.: -0.029 min  
Response: 3995  
Conc: 2.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



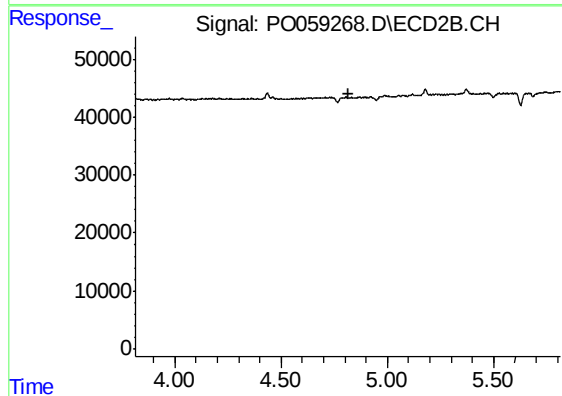
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.773 min  
Response: 0  
Conc: N.D.



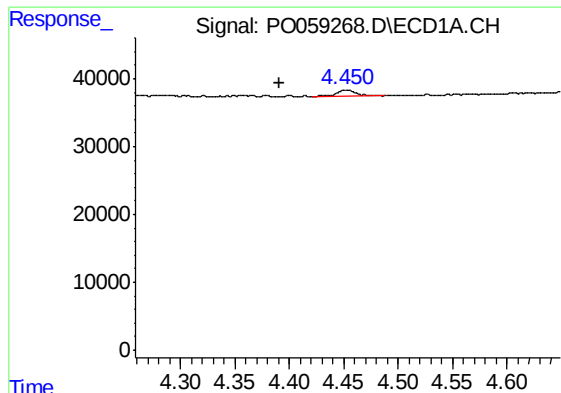
#6 AR-1016-4

R.T.: 5.576 min  
Delta R.T.: 0.061 min  
Response: 4715  
Conc: 3.37 ng/ml



#6 AR-1016-4

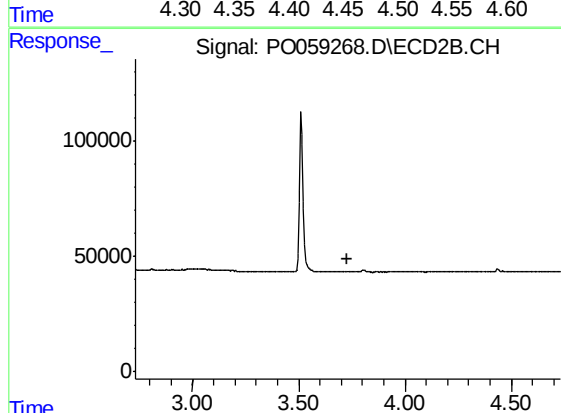
R.T.: 0.000 min  
Exp R.T. : 4.815 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

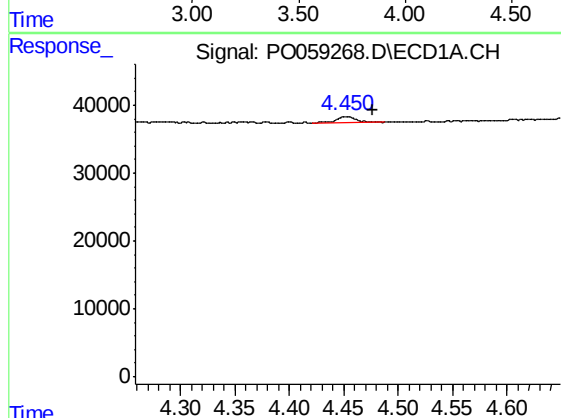
R.T.: 4.451 min  
Delta R.T.: 0.060 min  
Response: 12481  
Conc: 27.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



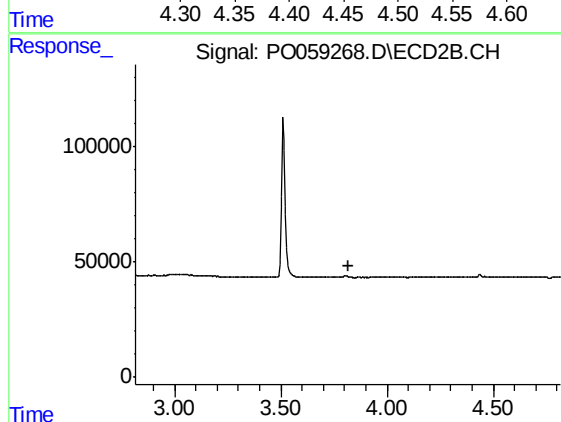
#8 AR-1221-1

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



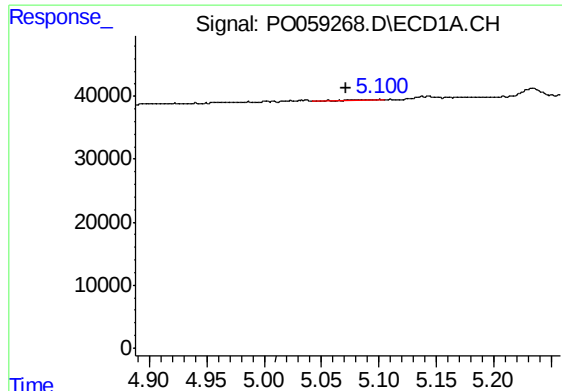
#9 AR-1221-2

R.T.: 4.451 min  
Delta R.T.: -0.026 min  
Response: 12481  
Conc: 36.20 ng/ml



#9 AR-1221-2

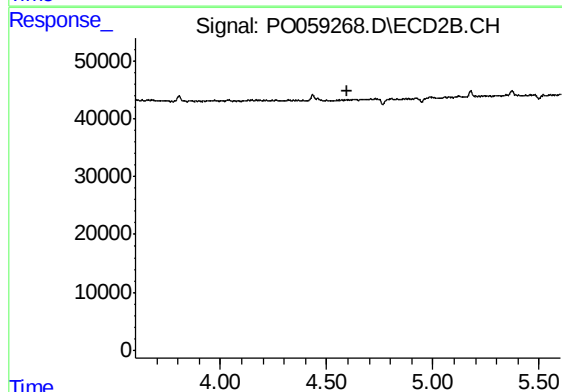
R.T.: 0.000 min  
Exp R.T. : 3.816 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

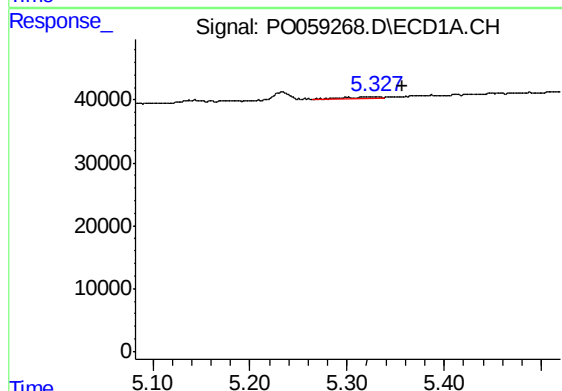
R.T.: 5.085 min  
Delta R.T.: 0.014 min  
Response: 3366  
Conc: 6.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



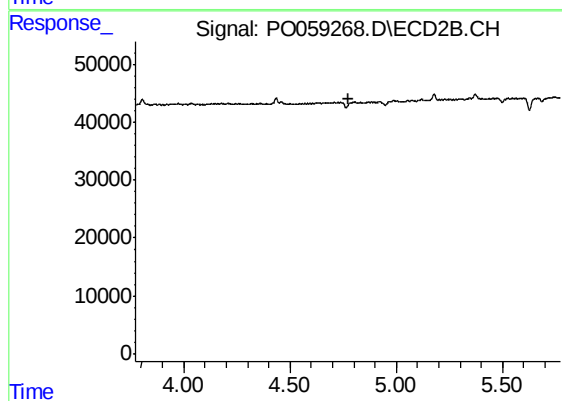
#12 AR-1232-2

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



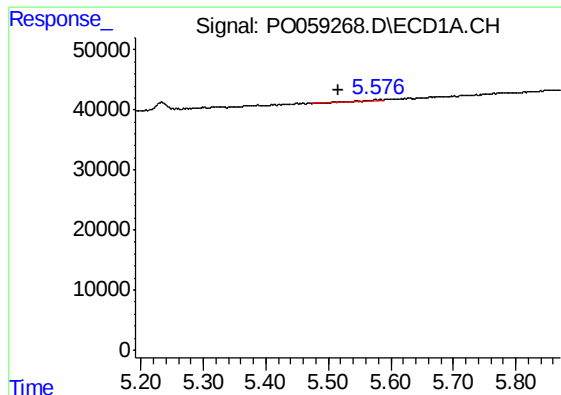
#13 AR-1232-3

R.T.: 5.333 min  
Delta R.T.: -0.024 min  
Response: 5255  
Conc: 4.91 ng/ml



#13 AR-1232-3

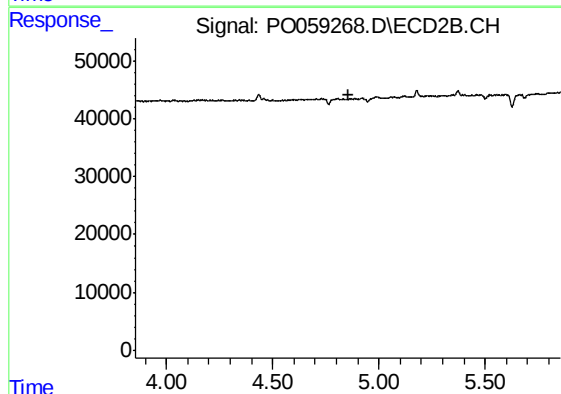
R.T.: 0.000 min  
Exp R.T. : 4.773 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

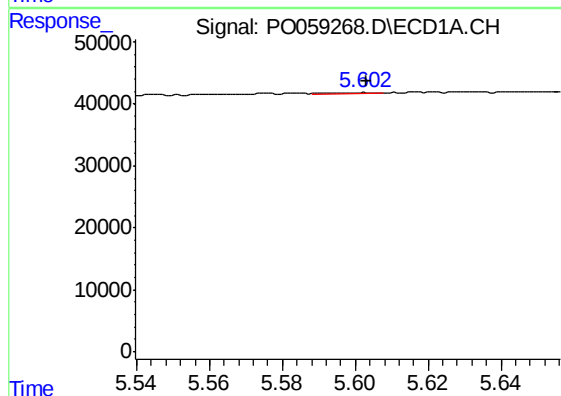
R.T.: 5.576 min  
Delta R.T.: 0.060 min  
Response: 4715  
Conc: 8.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



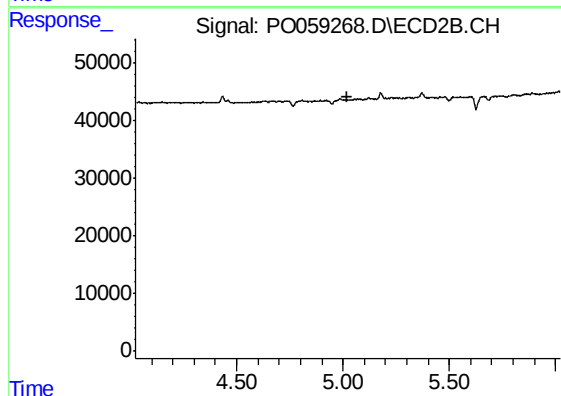
#14 AR-1232-4

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



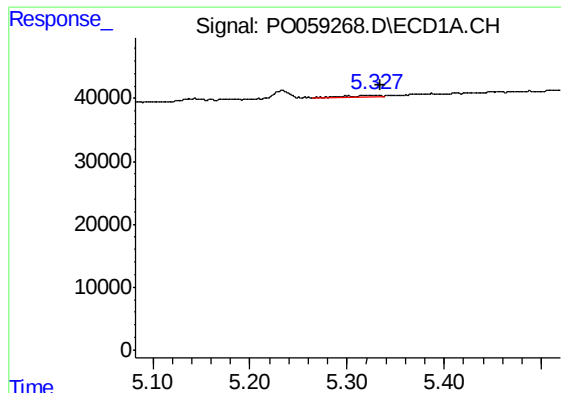
#15 AR-1232-5

R.T.: 5.602 min  
Delta R.T.: -0.001 min  
Response: 1562  
Conc: 3.83 ng/ml



#15 AR-1232-5

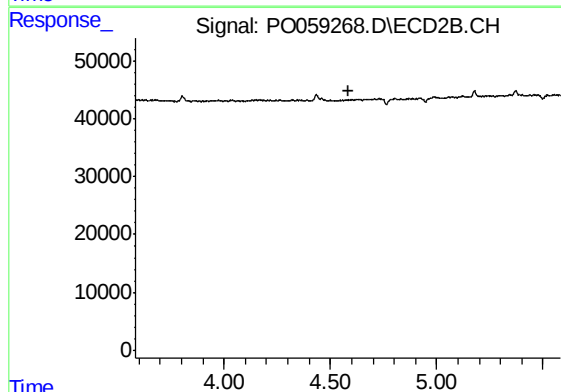
R.T.: 0.000 min  
Exp R.T. : 5.023 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

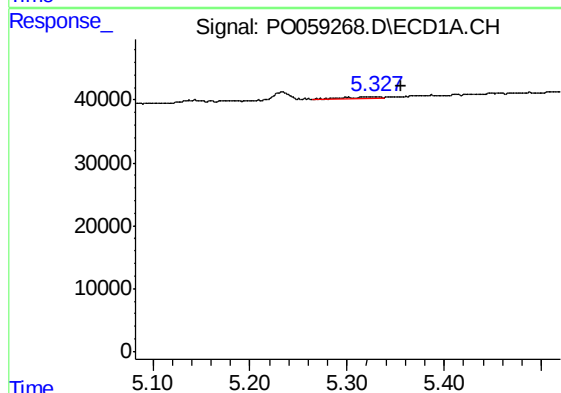
R.T.: 5.333 min  
Delta R.T.: -0.002 min  
Response: 5255  
Conc: 4.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



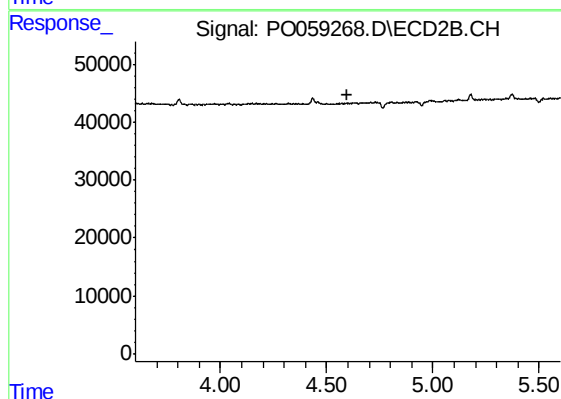
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.583 min  
Response: 0  
Conc: N.D.



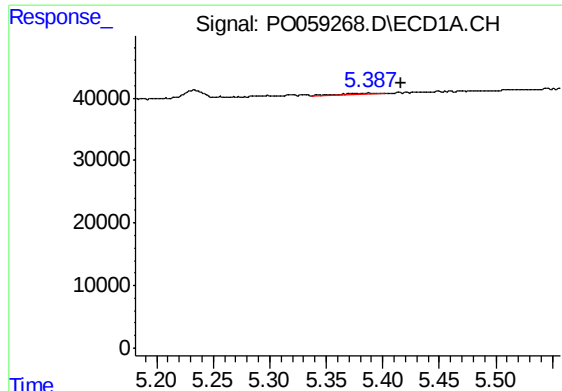
#17 AR-1242-2

R.T.: 5.333 min  
Delta R.T.: -0.023 min  
Response: 5255  
Conc: 2.78 ng/ml



#17 AR-1242-2

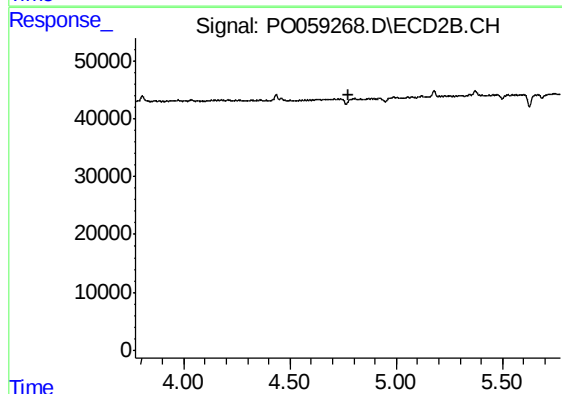
R.T.: 0.000 min  
Exp R.T. : 4.600 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

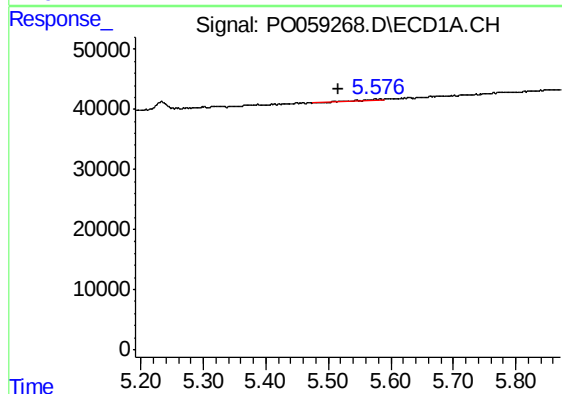
R.T.: 5.388 min  
Delta R.T.: -0.029 min  
Response: 3995  
Conc: 3.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



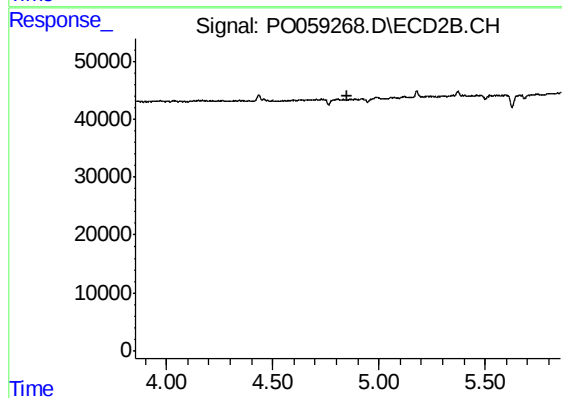
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.773 min  
Response: 0  
Conc: N.D.



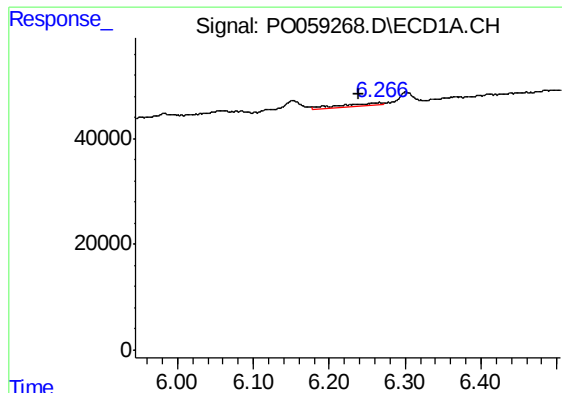
#19 AR-1242-4

R.T.: 5.576 min  
Delta R.T.: 0.060 min  
Response: 4715  
Conc: 4.91 ng/ml



#19 AR-1242-4

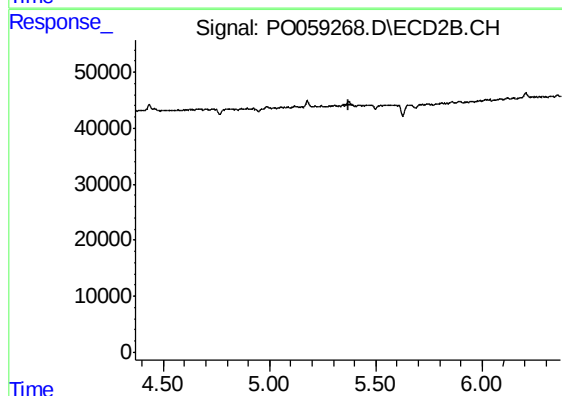
R.T.: 0.000 min  
Exp R.T. : 4.854 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

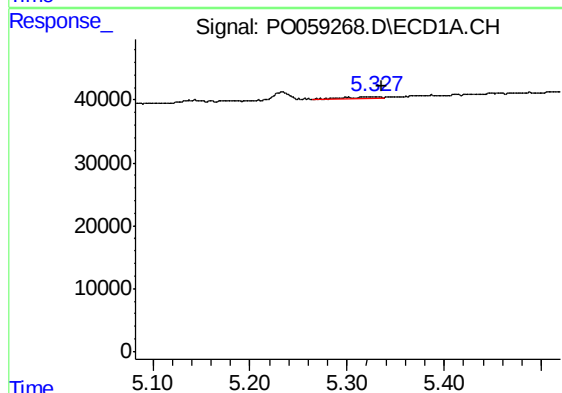
R.T.: 6.267 min  
Delta R.T.: 0.027 min  
Response: 18130  
Conc: 15.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



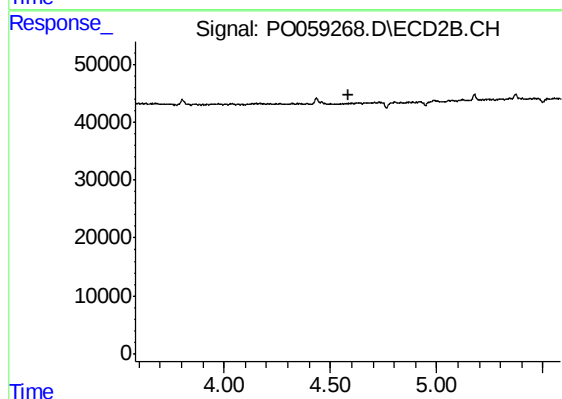
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 5.368 min  
Response: 0  
Conc: N.D.



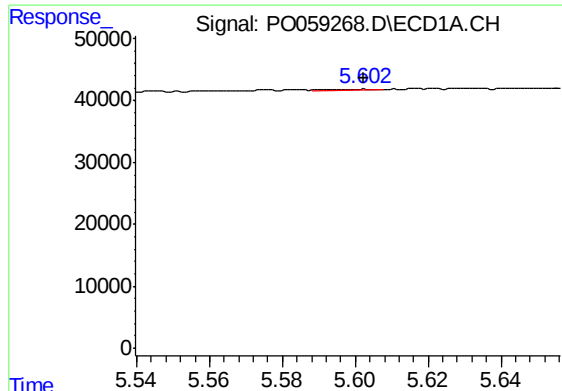
#21 AR-1248-1

R.T.: 5.333 min  
Delta R.T.: -0.003 min  
Response: 5255  
Conc: 5.20 ng/ml



#21 AR-1248-1

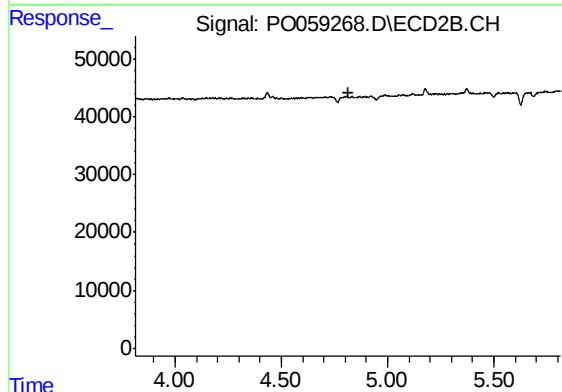
R.T.: 0.000 min  
Exp R.T. : 4.583 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

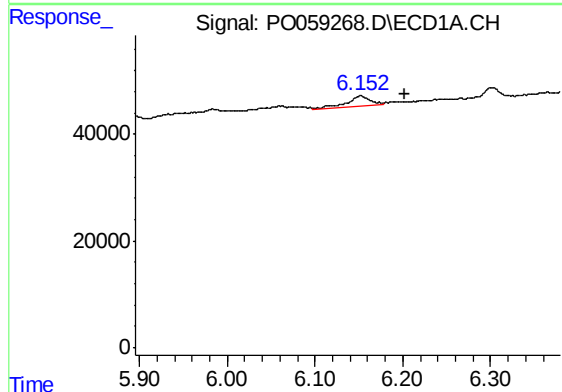
R.T.: 5.602 min  
Delta R.T.: 0.000 min  
Response: 1562  
Conc: 1.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



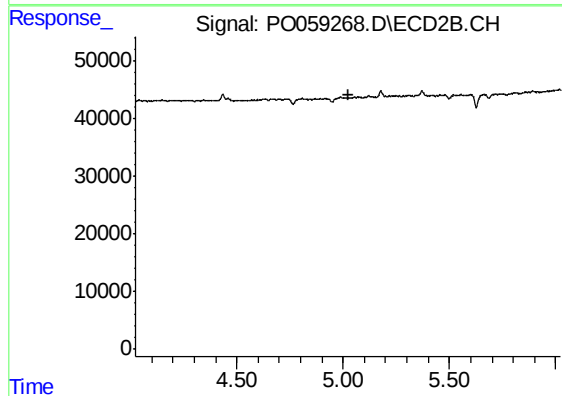
#22 AR-1248-2

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



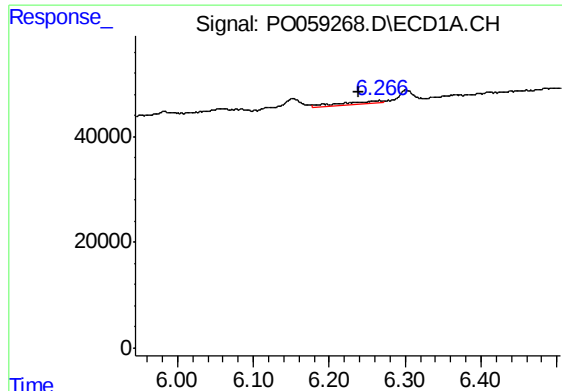
#24 AR-1248-4

R.T.: 6.152 min  
Delta R.T.: -0.051 min  
Response: 36538  
Conc: 18.04 ng/ml



#24 AR-1248-4

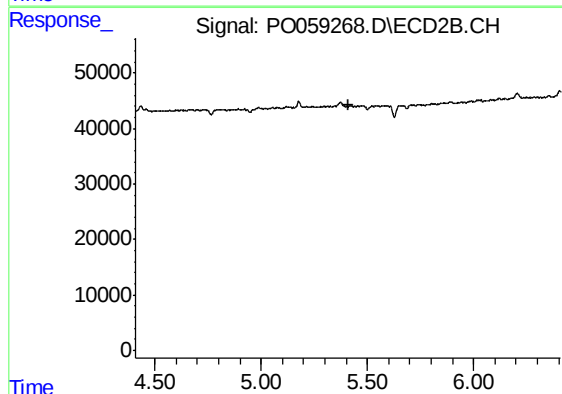
R.T.: 0.000 min  
Exp R.T. : 5.023 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

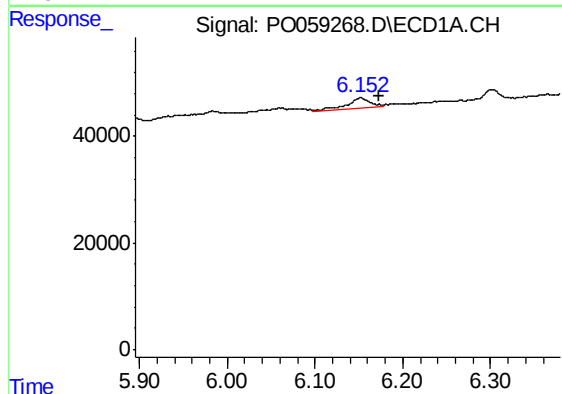
R.T.: 6.267 min  
Delta R.T.: 0.027 min  
Response: 18130  
Conc: 9.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



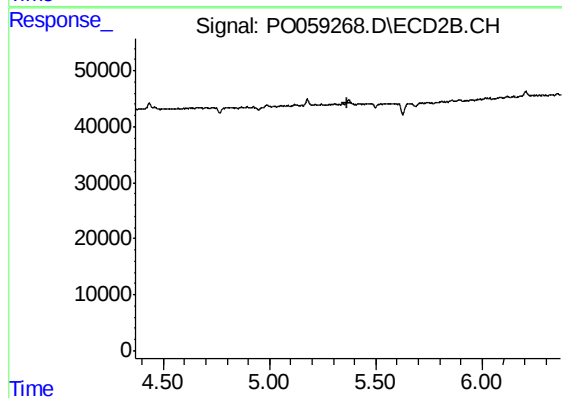
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.409 min  
Response: 0  
Conc: N.D.



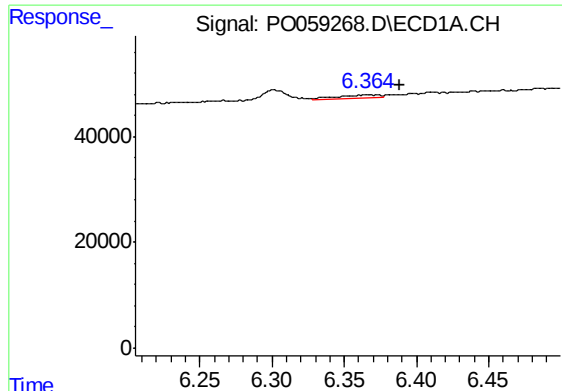
#26 AR-1254-1

R.T.: 6.152 min  
Delta R.T.: -0.021 min  
Response: 36538  
Conc: 15.47 ng/ml



#26 AR-1254-1

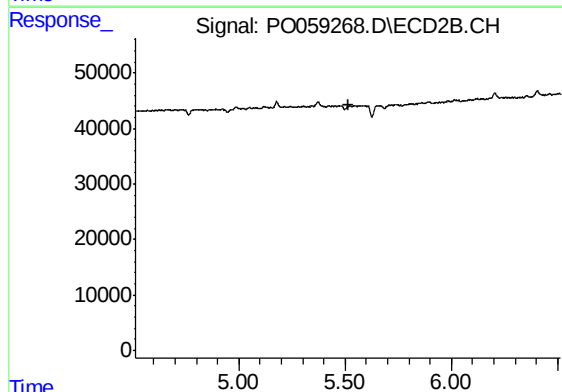
R.T.: 0.000 min  
Exp R.T. : 5.368 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

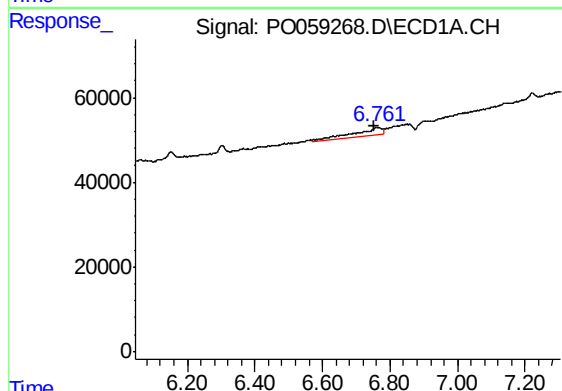
R.T.: 6.365 min  
Delta R.T.: -0.024 min  
Response: 9896  
Conc: 2.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



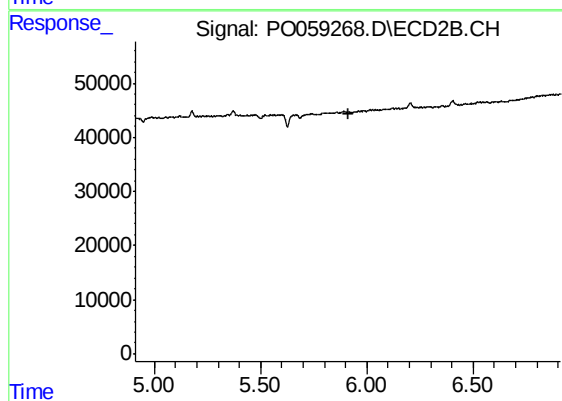
#27 AR-1254-2

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



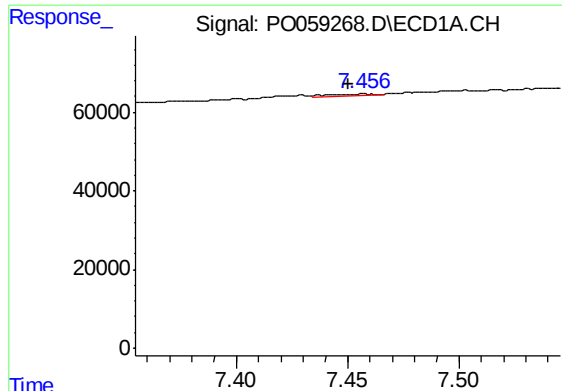
#28 AR-1254-3

R.T.: 6.761 min  
Delta R.T.: 0.007 min  
Response: 111825  
Conc: 27.61 ng/ml



#28 AR-1254-3

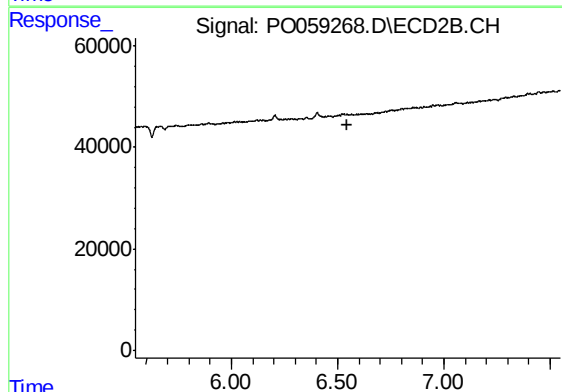
R.T.: 0.000 min  
Exp R.T. : 5.911 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

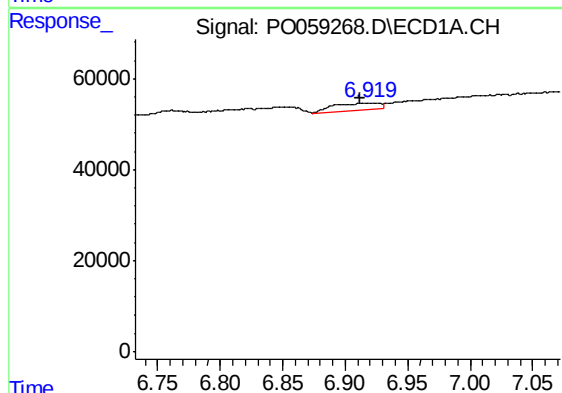
R.T.: 7.458 min  
Delta R.T.: 0.007 min  
Response: 7032  
Conc: 1.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



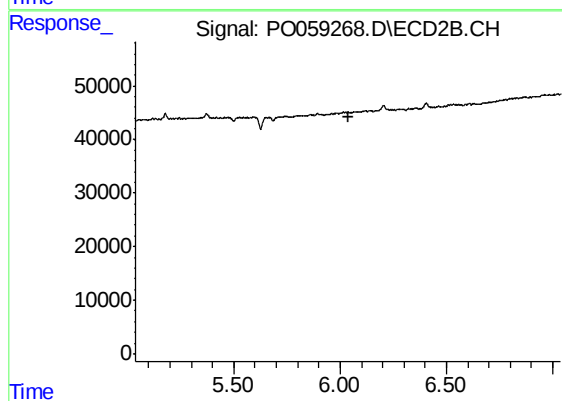
#30 AR-1254-5

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



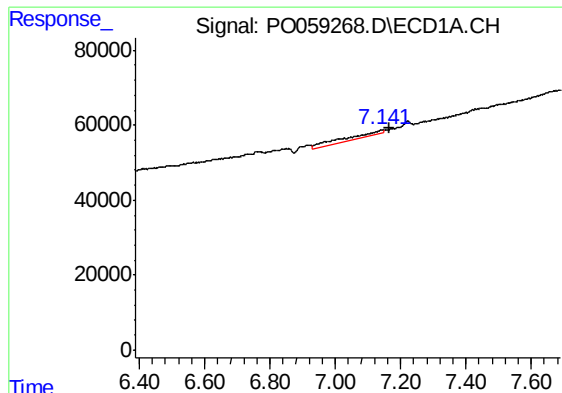
#31 AR-1260-1

R.T.: 6.912 min  
Delta R.T.: 0.000 min  
Response: 36368  
Conc: 12.63 ng/ml



#31 AR-1260-1

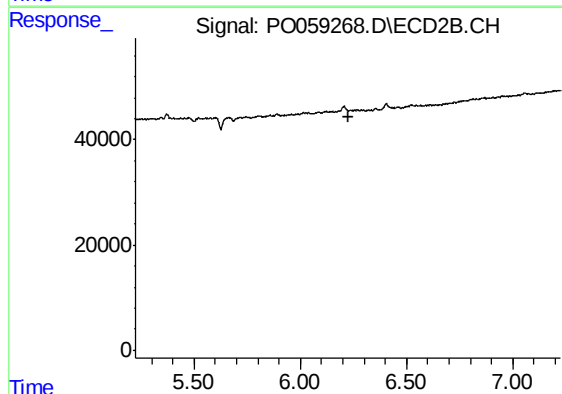
R.T.: 0.000 min  
Exp R.T. : 6.037 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

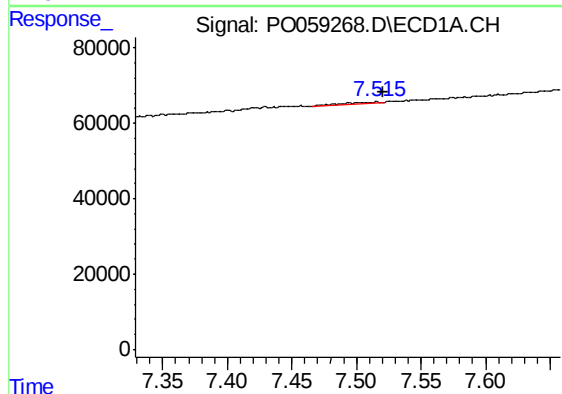
R.T.: 7.143 min  
Delta R.T.: -0.025 min  
Response: 113120  
Conc: 27.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



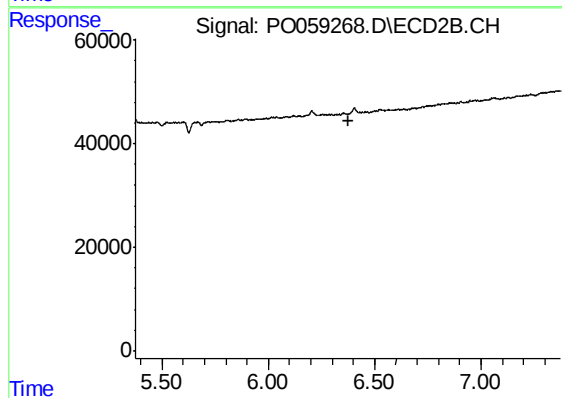
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 6.225 min  
Response: 0  
Conc: N.D.



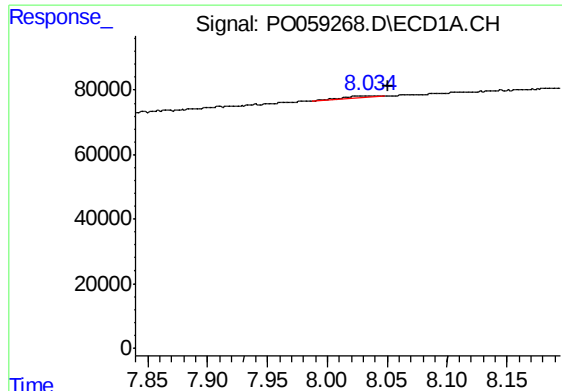
#33 AR-1260-3

R.T.: 7.516 min  
Delta R.T.: -0.004 min  
Response: 9160  
Conc: 2.46 ng/ml



#33 AR-1260-3

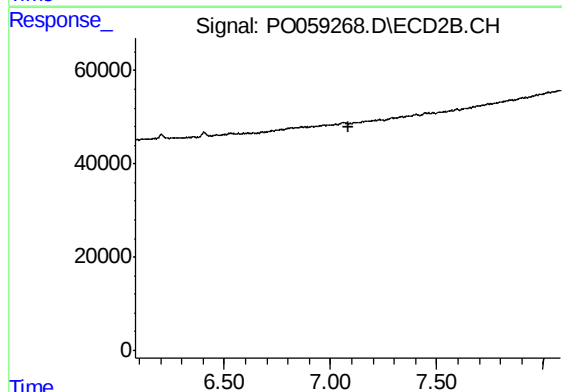
R.T.: 0.000 min  
Exp R.T. : 6.375 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

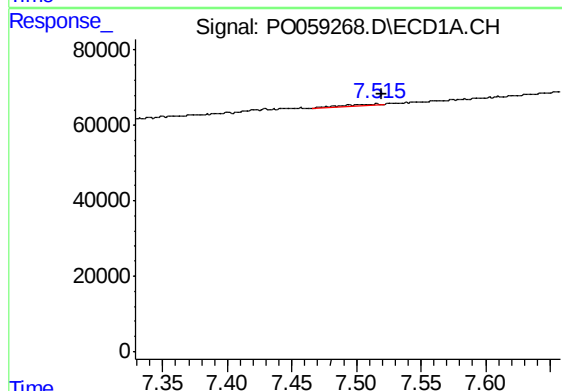
R.T.: 8.033 min  
Delta R.T.: -0.018 min  
Response: 10991  
Conc: 1.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



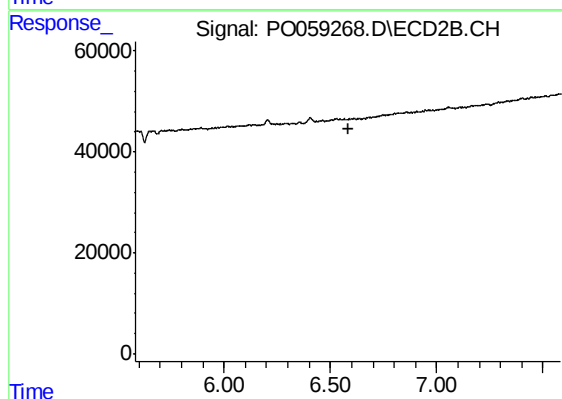
#35 AR-1260-5

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



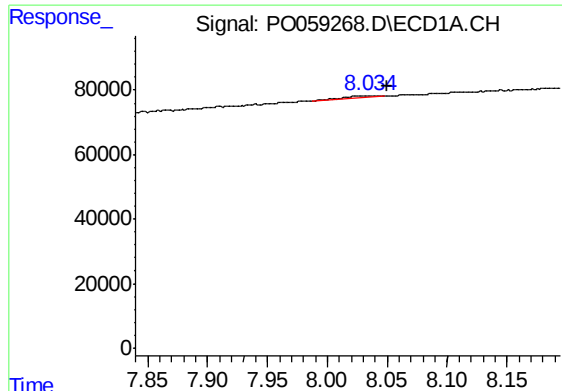
#36 AR-1262-1

R.T.: 7.516 min  
Delta R.T.: -0.003 min  
Response: 9160  
Conc: 1.82 ng/ml



#36 AR-1262-1

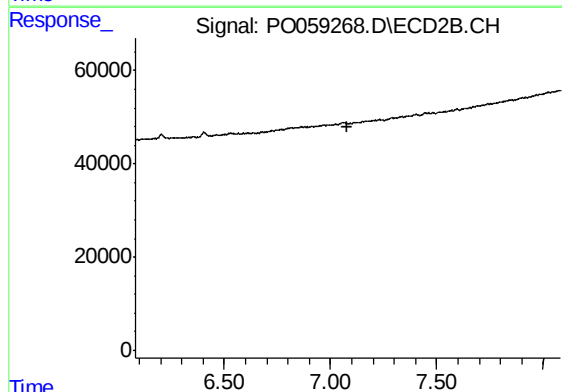
R.T.: 0.000 min  
Exp R.T. : 6.583 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

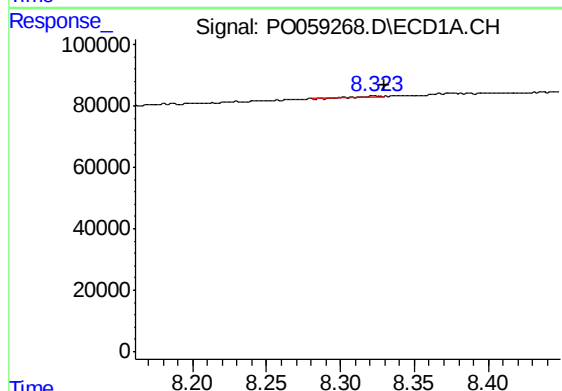
R.T.: 8.033 min  
Delta R.T.: -0.017 min  
Response: 10991  
Conc: 1.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



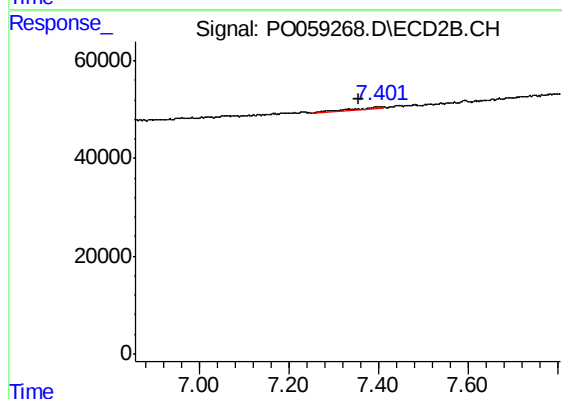
#37 AR-1262-2

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



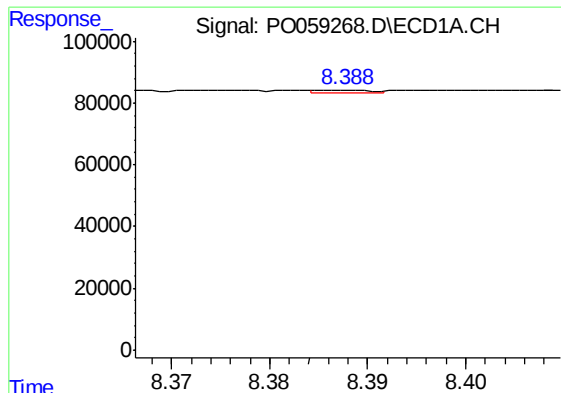
#38 AR-1262-3

R.T.: 8.323 min  
Delta R.T.: -0.007 min  
Response: 5408  
Conc: 1.06 ng/ml



#38 AR-1262-3

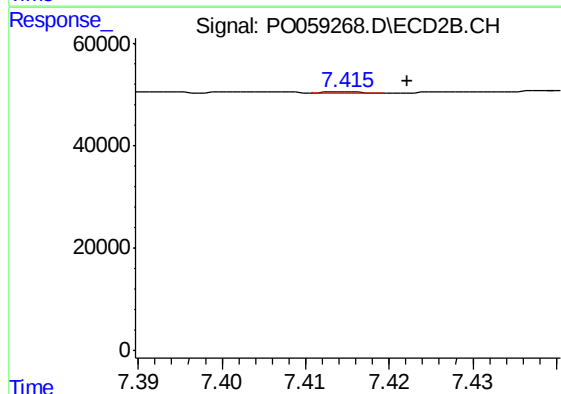
R.T.: 7.393 min  
Delta R.T.: 0.036 min  
Response: 24721  
Conc: 10.02 ng/ml



#39 AR-1262-4

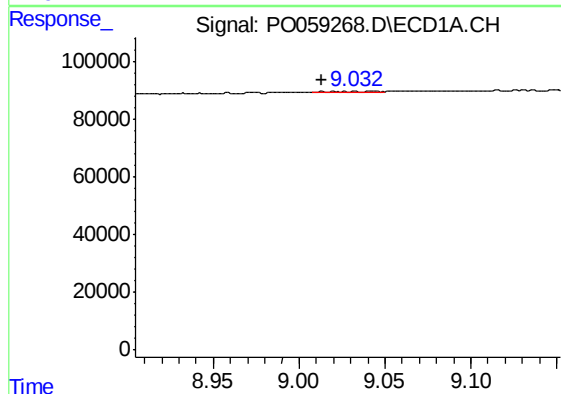
R.T.: 8.388 min  
Delta R.T.: -0.028 min  
Response: 2994  
Conc: 0.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



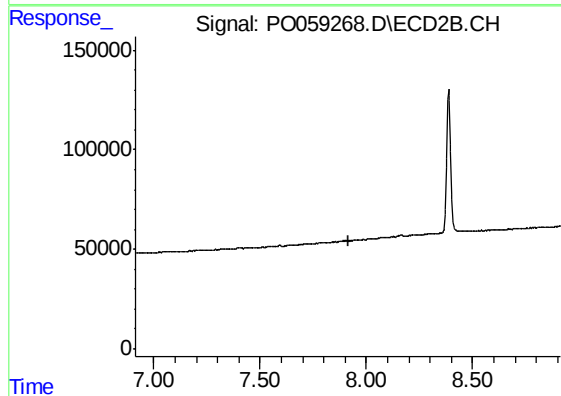
#39 AR-1262-4

R.T.: 7.415 min  
Delta R.T.: -0.008 min  
Response: 1108  
Conc: 0.26 ng/ml



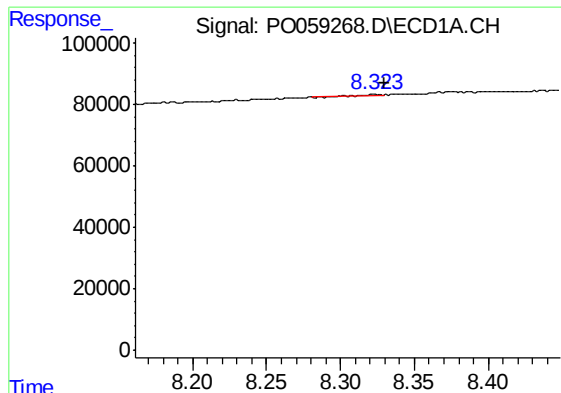
#40 AR-1262-5

R.T.: 9.032 min  
Delta R.T.: 0.019 min  
Response: 7863  
Conc: 3.42 ng/ml



#40 AR-1262-5

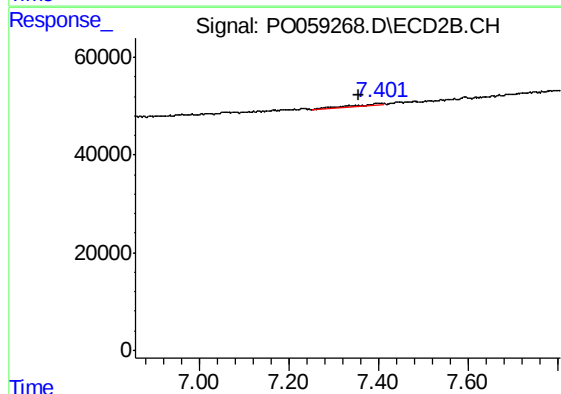
R.T.: 0.000 min  
Exp R.T. : 7.914 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

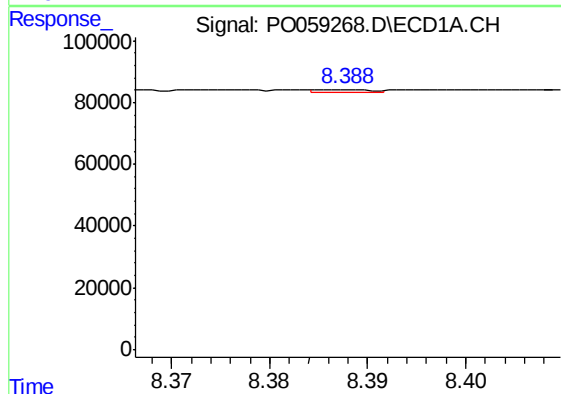
R.T.: 8.323 min  
Delta R.T.: -0.006 min  
Response: 5408  
Conc: 0.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



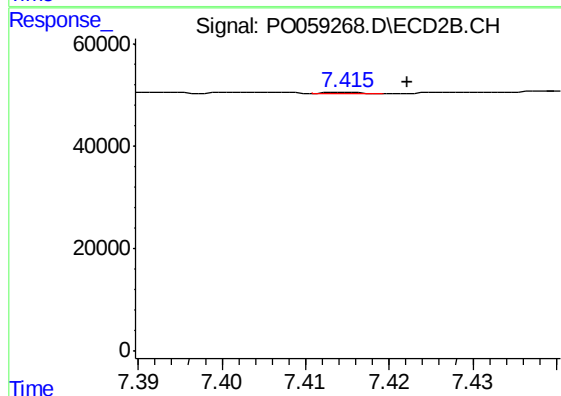
#41 AR-1268-1

R.T.: 7.393 min  
Delta R.T.: 0.037 min  
Response: 24721  
Conc: 3.04 ng/ml



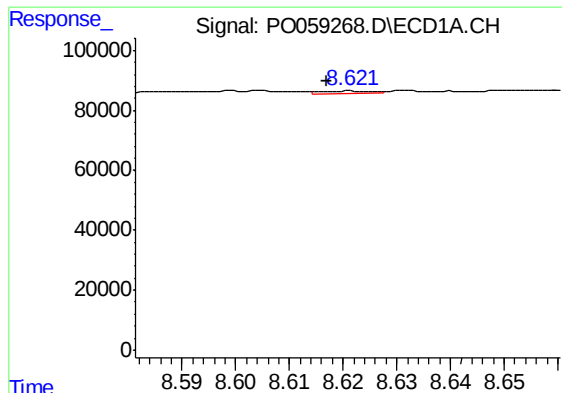
#42 AR-1268-2

R.T.: 8.388 min  
Delta R.T.: -0.029 min  
Response: 2994  
Conc: 0.32 ng/ml



#42 AR-1268-2

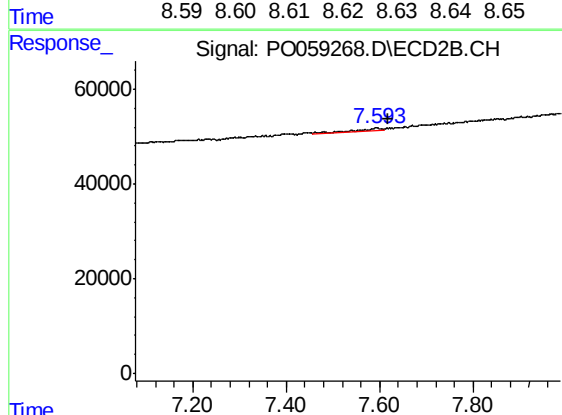
R.T.: 7.415 min  
Delta R.T.: -0.008 min  
Response: 1108  
Conc: 0.15 ng/ml



#43 AR-1268-3

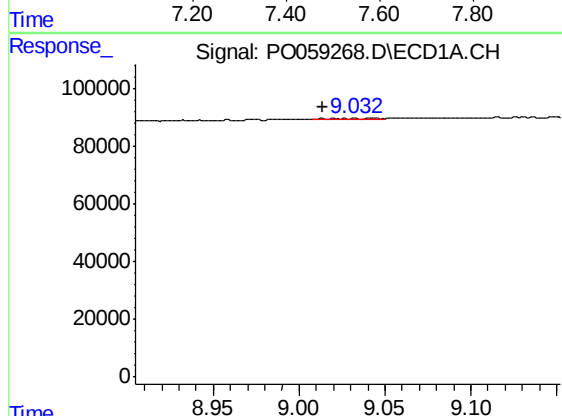
R.T.: 8.622 min  
Delta R.T.: 0.005 min  
Response: 5841  
Conc: 0.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



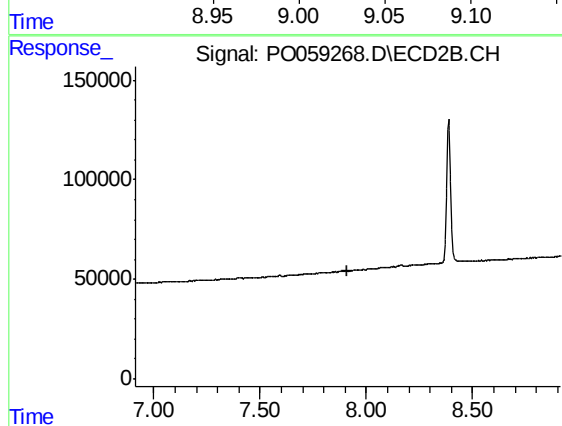
#43 AR-1268-3

R.T.: 7.595 min  
Delta R.T.: -0.024 min  
Response: 16763  
Conc: 2.62 ng/ml



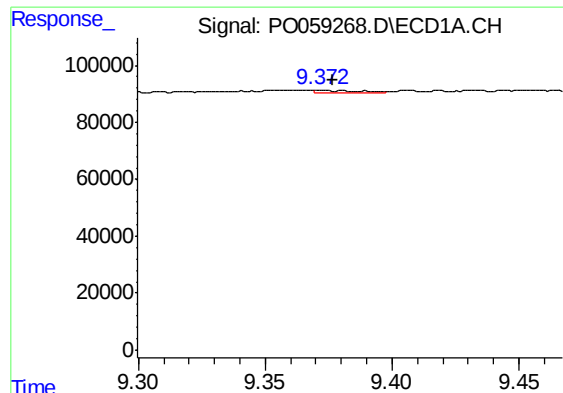
#44 AR-1268-4

R.T.: 9.032 min  
Delta R.T.: 0.019 min  
Response: 7863  
Conc: 2.63 ng/ml



#44 AR-1268-4

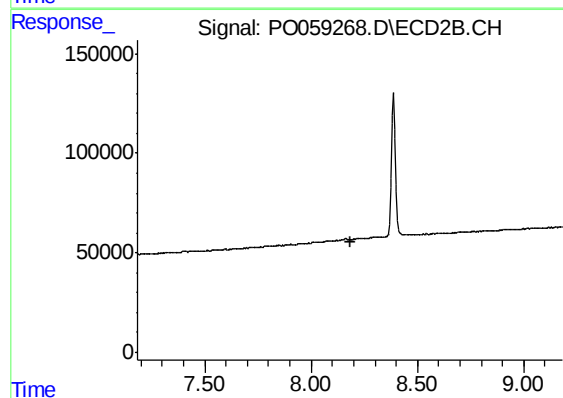
R.T.: 0.000 min  
Exp R.T. : 7.913 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.372 min  
Delta R.T.: -0.004 min  
Response: 10546  
Conc: 0.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.183 min  
Response: 0  
Conc: N.D.