

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0020421\  
 Data File : P0075550.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 05 Feb 2021 3:05  
 Operator : AJ/MA  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 05:13:18 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0012821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jan 29 09:09:46 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

|                             | Compound        | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|-------|---------|---------|--------|----------|
| -----                       |                 |        |       |         |         |        |          |
| System Monitoring Compounds |                 |        |       |         |         |        |          |
| 1)                          | SA Tetrachlo... | 4.923  | 3.995 | 2373804 | 1157087 | 23.456 | 24.070   |
| 2)                          | SA Decachlor... | 10.937 | 9.243 | 2321908 | 1121955 | 24.066 | 23.113   |
| Target Compounds            |                 |        |       |         |         |        |          |
| 3)                          | L1 AR-1016-1    | 6.246  | 0.000 | 4024    | 0       | 1.018  | N.D. #   |
| 4)                          | L1 AR-1016-2    | 6.270  | 0.000 | 18116   | 0       | 3.303  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 6.336  | 0.000 | 14574   | 0       | 4.456  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 6.447  | 0.000 | 12697   | 0       | 4.611  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.276  | 4.343 | 28431   | 17395   | 32.205 | 37.396   |
| 10)                         | L2 AR-1221-3    | 5.360  | 0.000 | 7401    | 0       | 2.680  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 5.360  | 0.000 | 7401    | 0       | 3.294  | N.D. #   |
| 13)                         | L3 AR-1232-3    | 6.270  | 0.000 | 18116   | 0       | 7.565  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 6.447  | 0.000 | 12697   | 0       | 10.772 | N.D. #   |
| 15)                         | L3 AR-1232-5    | 6.541  | 0.000 | 5749    | 0       | 7.157  | N.D. #   |
| 16)                         | L4 AR-1242-1    | 6.246  | 0.000 | 4024    | 0       | 1.281  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 6.270  | 0.000 | 18116   | 0       | 4.130  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 6.336  | 0.000 | 14574   | 0       | 5.486  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 6.447  | 0.000 | 12697   | 0       | 5.754  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 7.229  | 0.000 | 33575   | 0       | 13.520 | N.D. #   |
| 21)                         | L5 AR-1248-1    | 6.246  | 0.000 | 4024    | 0       | 1.729  | N.D. #   |
| 22)                         | L5 AR-1248-2    | 6.541  | 0.000 | 5749    | 0       | 1.874  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 7.189  | 0.000 | 31813   | 0       | 7.180  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 7.229  | 0.000 | 33575   | 0       | 7.954  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 7.166  | 0.000 | 166486  | 0       | 38.629 | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.793f | 6.690 | 278357  | 50025   | 40.364 | 11.732 # |
| 29)                         | L6 AR-1254-4    | 8.066  | 0.000 | 38241   | 0       | 6.325  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 8.498  | 0.000 | 24931   | 0       | 4.460  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.938  | 0.000 | 50644   | 0       | 10.977 | N.D. #   |
| 32)                         | L7 AR-1260-2    | 8.207  | 0.000 | 93308   | 0       | 14.456 | N.D. #   |
| 33)                         | L7 AR-1260-3    | 8.570  | 0.000 | 23086   | 0       | 4.231  | N.D. #   |
| 34)                         | L7 AR-1260-4    | 8.802  | 0.000 | 53462   | 0       | 10.400 | N.D. #   |
| 35)                         | L7 AR-1260-5    | 9.132  | 7.887 | 84880   | 49717   | 7.192  | 7.856    |
| 36)                         | L8 AR-1262-1    | 8.570  | 0.000 | 23086   | 0       | 2.646  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 9.132  | 7.887 | 84880   | 49717   | 5.613  | 6.483    |
| 38)                         | L8 AR-1262-3    | 9.442  | 0.000 | 56497   | 0       | 5.408  | N.D. #   |
| 39)                         | L8 AR-1262-4    | 9.530  | 8.234 | 34129   | 29838   | 4.618  | 5.197    |
| 40)                         | L8 AR-1262-5    | 10.194 | 0.000 | 14051   | 0       | 2.709  | N.D. #   |
| 41)                         | L9 AR-1268-1    | 9.442  | 0.000 | 56497   | 0       | 2.999  | N.D. #   |
| 42)                         | L9 AR-1268-2    | 9.536  | 8.234 | 16567   | 29838   | 1.045  | 3.562 #  |
| 43)                         | L9 AR-1268-3    | 9.756  | 0.000 | 18206   | 0       | 1.310  | N.D. #   |
| 44)                         | L9 AR-1268-4    | 10.194 | 0.000 | 14051   | 0       | 2.385  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 10.608 | 9.004 | 20515   | 21441   | 0.491  | 1.011 #  |
| -----                       |                 |        |       |         |         |        |          |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0020421\  
Data File : P0075550.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 05 Feb 2021 3:05  
Operator : AJ/MA  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

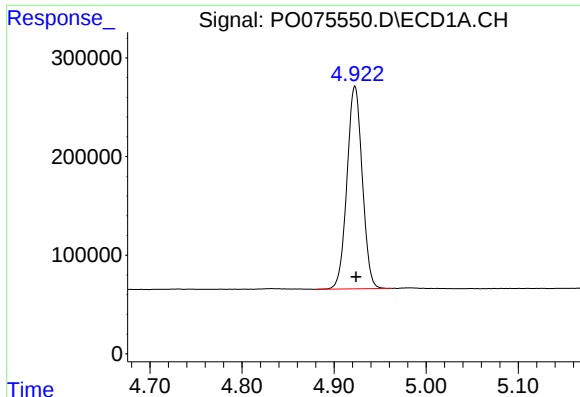
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 05 05:13:18 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0012821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jan 29 09:09:46 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

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

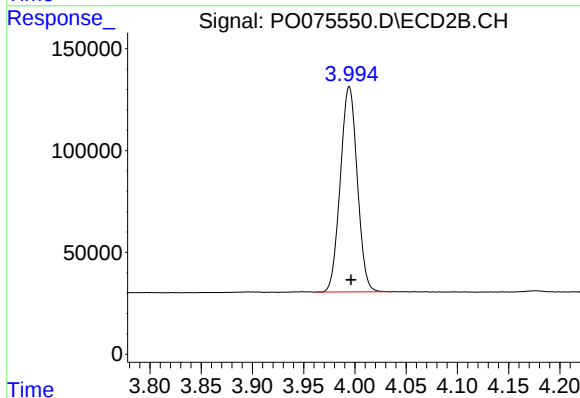




#1 Tetrachloro-m-xylene

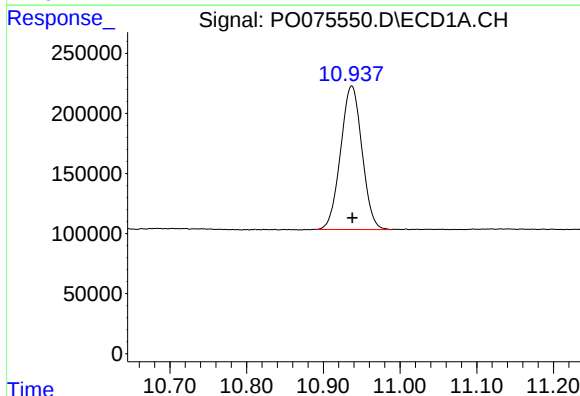
R.T.: 4.923 min  
Delta R.T.: -0.001 min  
Response: 2373804  
Conc: 23.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



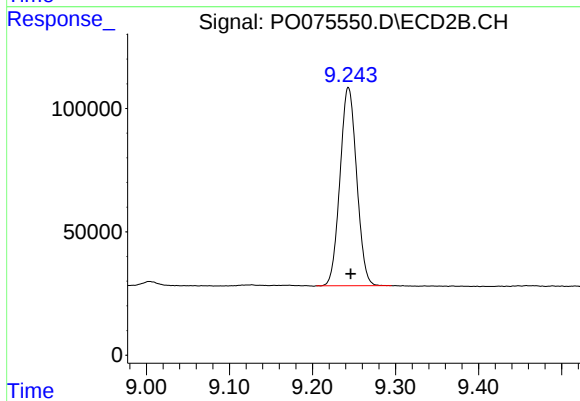
#1 Tetrachloro-m-xylene

R.T.: 3.995 min  
Delta R.T.: -0.002 min  
Response: 1157087  
Conc: 24.07 ng/ml



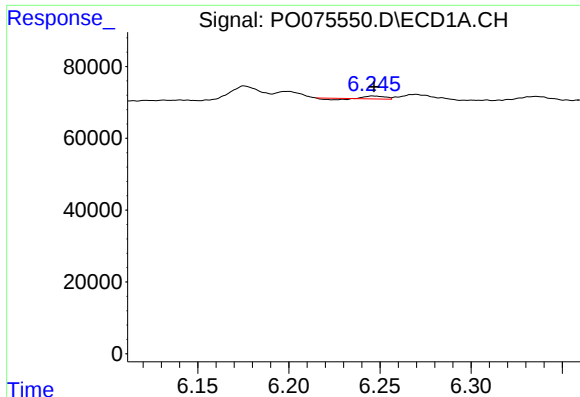
#2 Decachlorobiphenyl

R.T.: 10.937 min  
Delta R.T.: 0.000 min  
Response: 2321908  
Conc: 24.07 ng/ml



#2 Decachlorobiphenyl

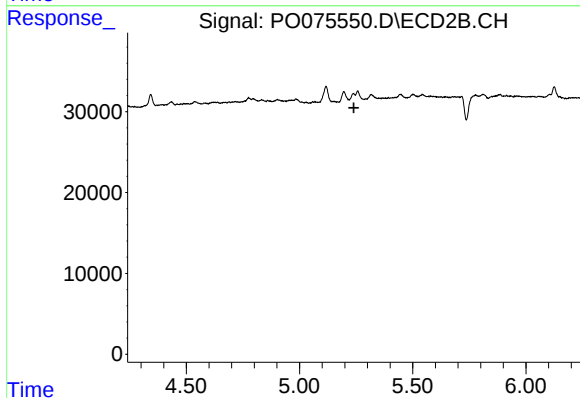
R.T.: 9.243 min  
Delta R.T.: -0.003 min  
Response: 1121955  
Conc: 23.11 ng/ml



#3 AR-1016-1

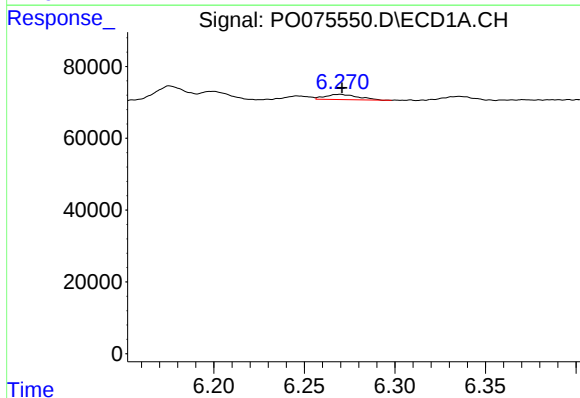
R.T.: 6.246 min  
Delta R.T.: 0.000 min  
Response: 4024  
Conc: 1.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



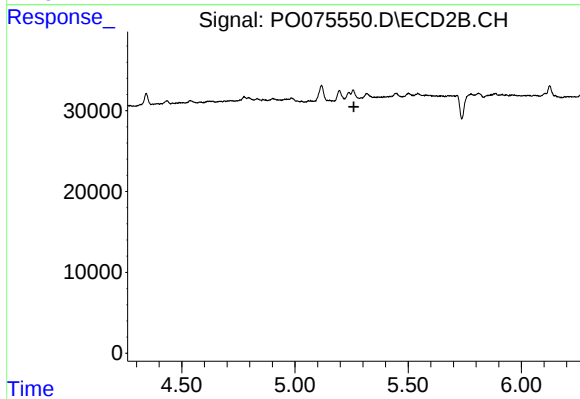
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.240 min  
Response: 0  
Conc: N.D.



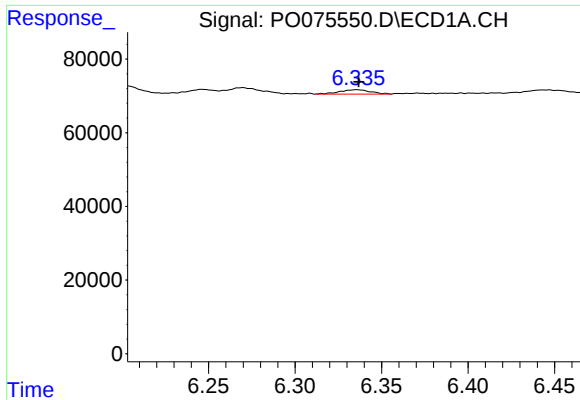
#4 AR-1016-2

R.T.: 6.270 min  
Delta R.T.: -0.001 min  
Response: 18116  
Conc: 3.30 ng/ml



#4 AR-1016-2

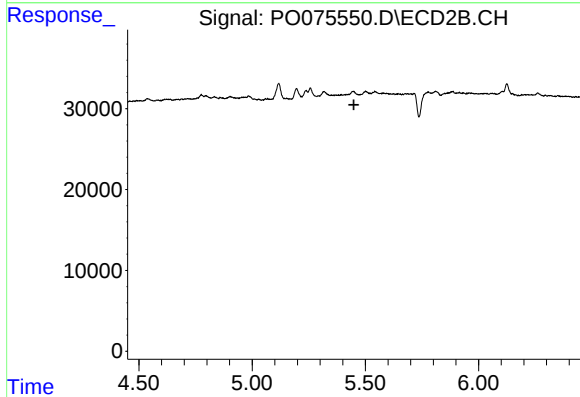
R.T.: 0.000 min  
Exp R.T. : 5.260 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

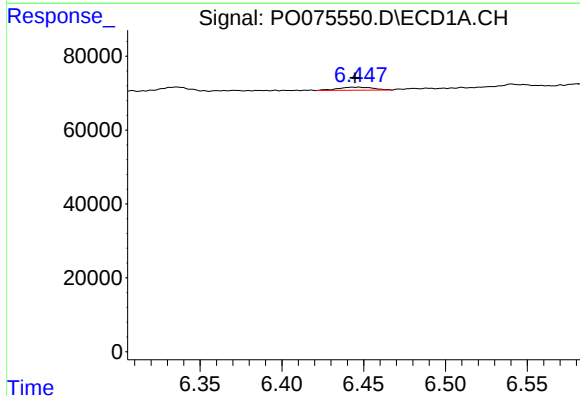
R.T.: 6.336 min  
Delta R.T.: -0.001 min  
Response: 14574  
Conc: 4.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



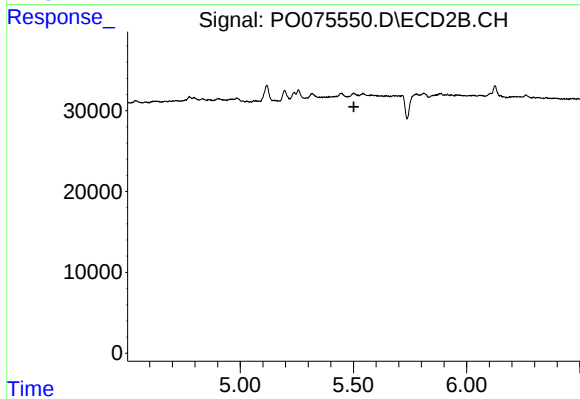
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.449 min  
Response: 0  
Conc: N.D.



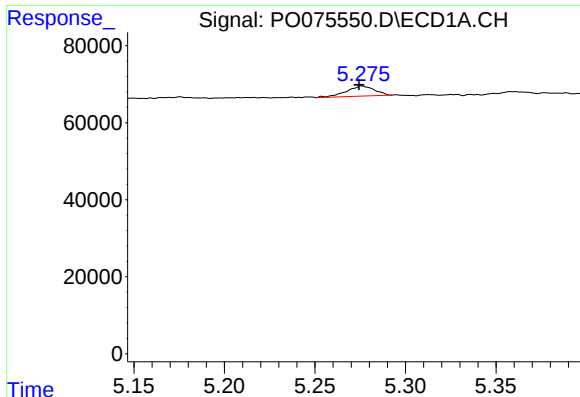
#6 AR-1016-4

R.T.: 6.447 min  
Delta R.T.: 0.002 min  
Response: 12697  
Conc: 4.61 ng/ml



#6 AR-1016-4

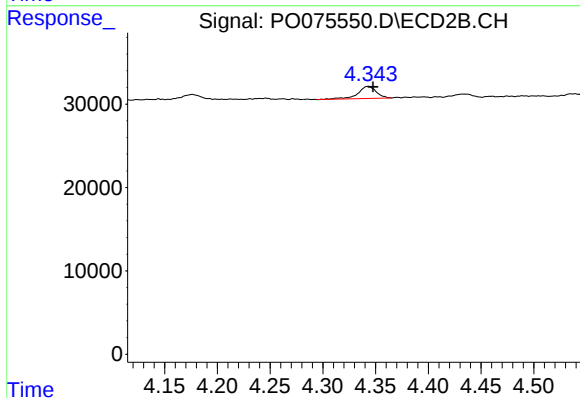
R.T.: 0.000 min  
Exp R.T. : 5.502 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

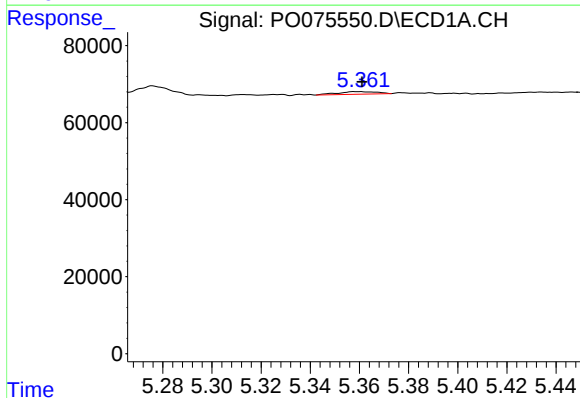
R.T.: 5.276 min  
Delta R.T.: 0.001 min  
Response: 28431  
Conc: 32.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



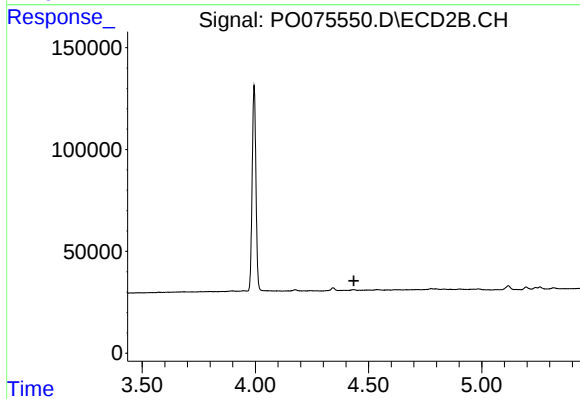
#9 AR-1221-2

R.T.: 4.343 min  
Delta R.T.: -0.004 min  
Response: 17395  
Conc: 37.40 ng/ml



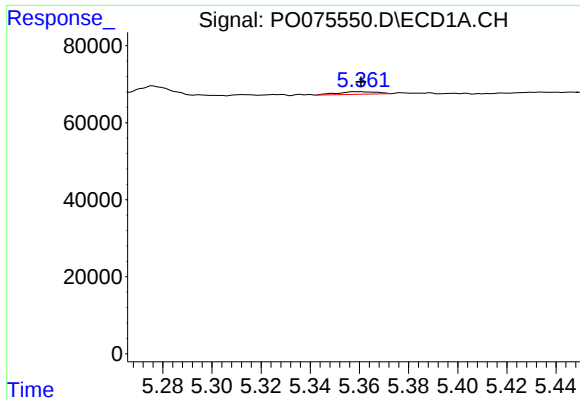
#10 AR-1221-3

R.T.: 5.360 min  
Delta R.T.: 0.000 min  
Response: 7401  
Conc: 2.68 ng/ml



#10 AR-1221-3

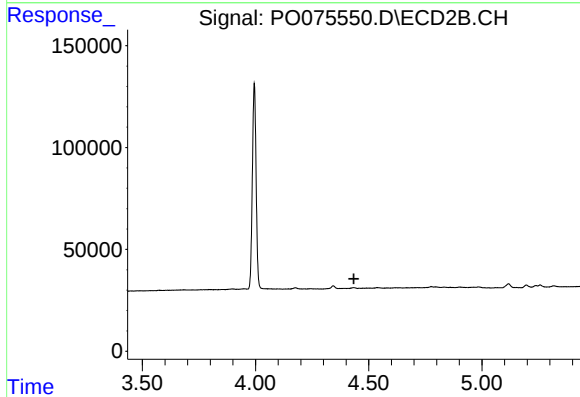
R.T.: 0.000 min  
Exp R.T.: 4.435 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

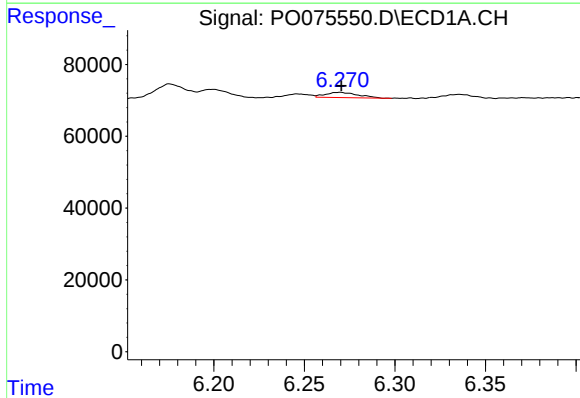
R.T.: 5.360 min  
Delta R.T.: 0.000 min  
Response: 7401  
Conc: 3.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



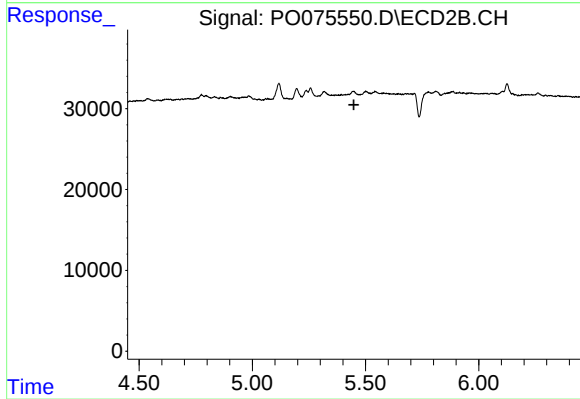
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.435 min  
Response: 0  
Conc: N.D.



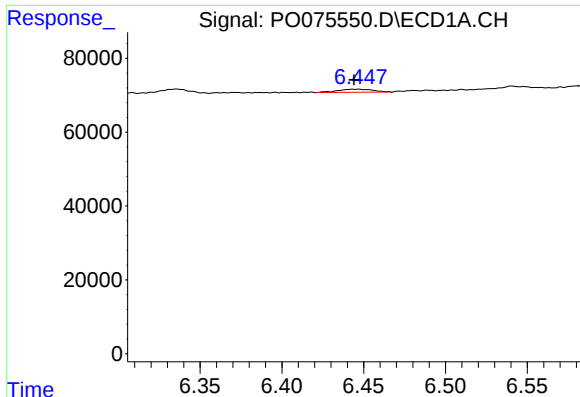
#13 AR-1232-3

R.T.: 6.270 min  
Delta R.T.: 0.000 min  
Response: 18116  
Conc: 7.56 ng/ml



#13 AR-1232-3

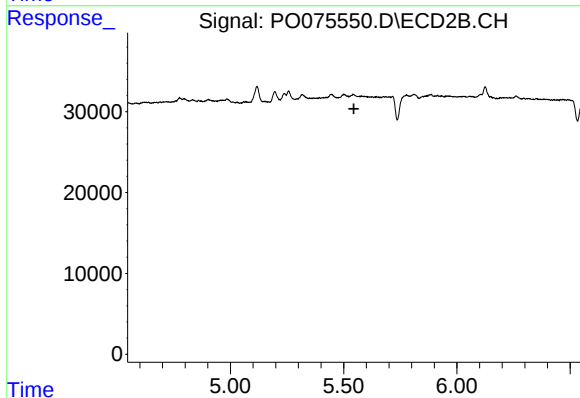
R.T.: 0.000 min  
Exp R.T. : 5.449 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

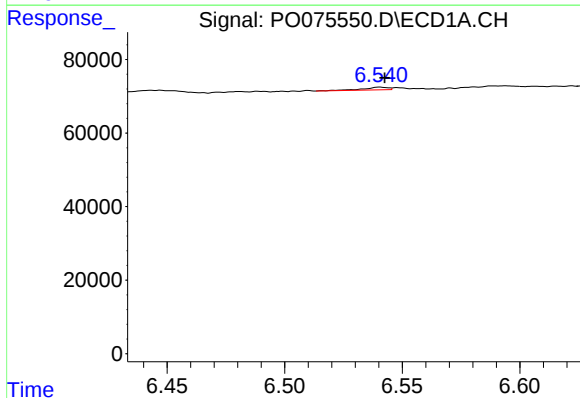
R.T.: 6.447 min  
Delta R.T.: 0.003 min  
Response: 12697  
Conc: 10.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



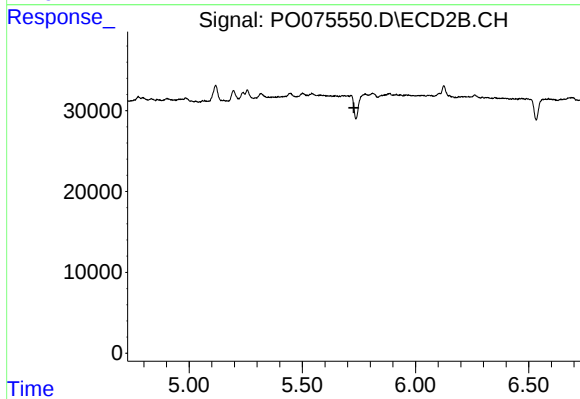
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.545 min  
Response: 0  
Conc: N.D.



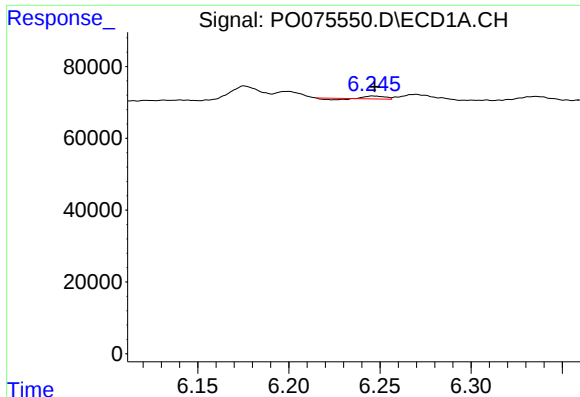
#15 AR-1232-5

R.T.: 6.541 min  
Delta R.T.: -0.002 min  
Response: 5749  
Conc: 7.16 ng/ml



#15 AR-1232-5

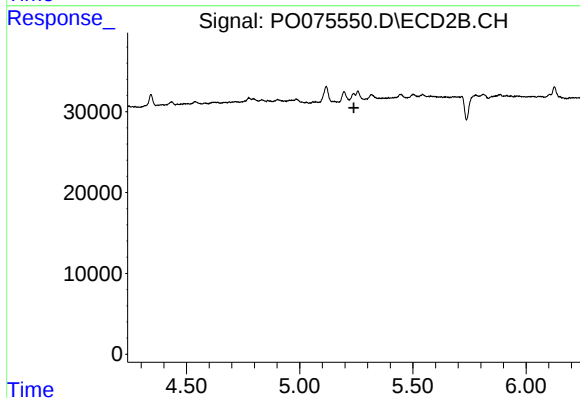
R.T.: 0.000 min  
Exp R.T. : 5.728 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

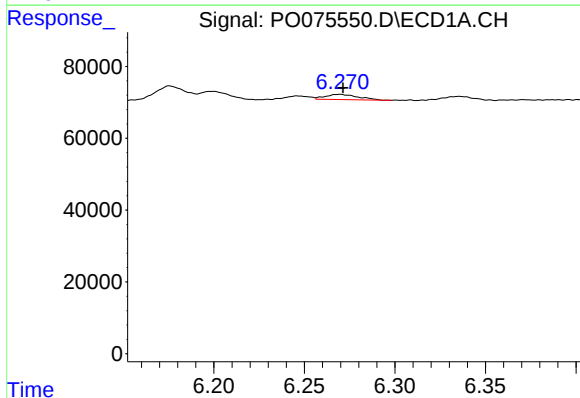
R.T.: 6.246 min  
Delta R.T.: -0.001 min  
Response: 4024  
Conc: 1.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



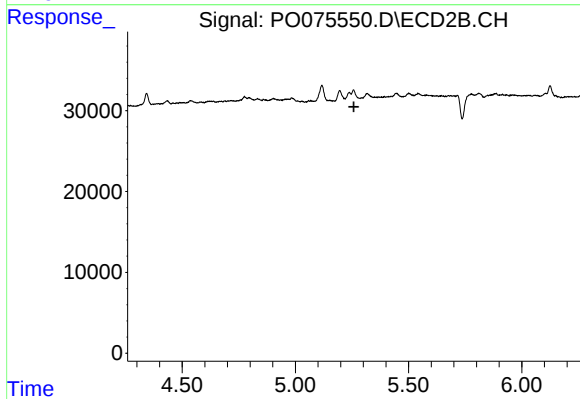
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.239 min  
Response: 0  
Conc: N.D.



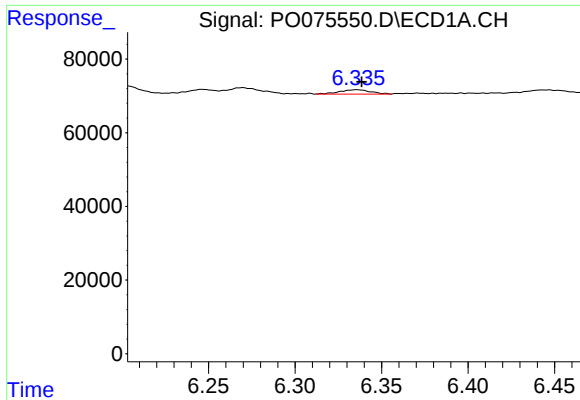
#17 AR-1242-2

R.T.: 6.270 min  
Delta R.T.: -0.002 min  
Response: 18116  
Conc: 4.13 ng/ml



#17 AR-1242-2

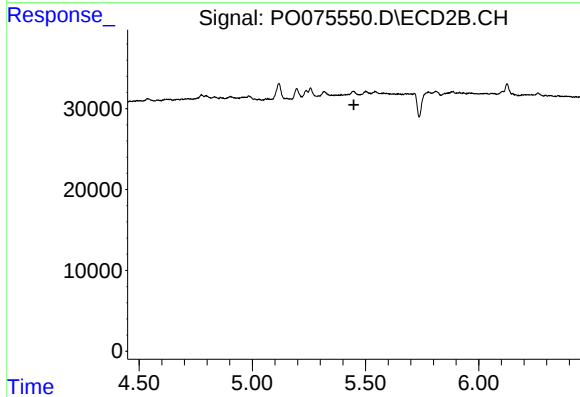
R.T.: 0.000 min  
Exp R.T. : 5.259 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

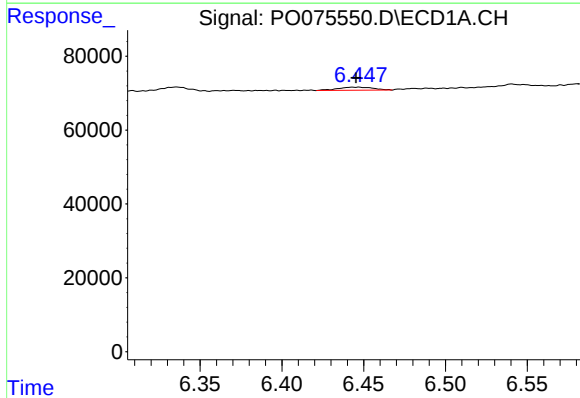
R.T.: 6.336 min  
Delta R.T.: -0.003 min  
Response: 14574  
Conc: 5.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



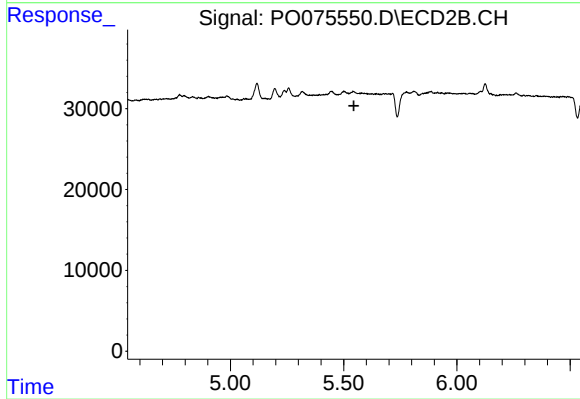
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.449 min  
Response: 0  
Conc: N.D.



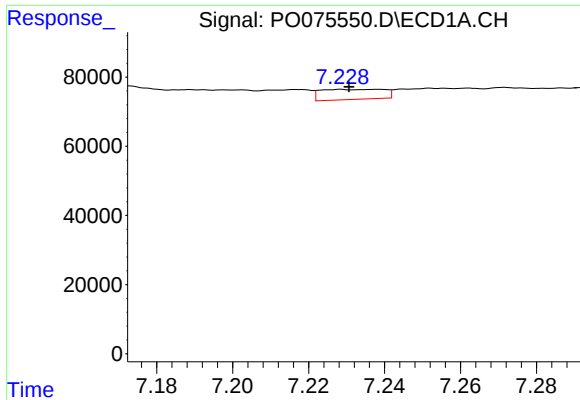
#19 AR-1242-4

R.T.: 6.447 min  
Delta R.T.: 0.002 min  
Response: 12697  
Conc: 5.75 ng/ml



#19 AR-1242-4

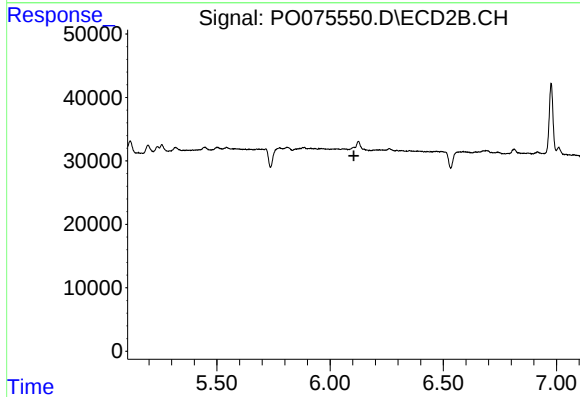
R.T.: 0.000 min  
Exp R.T. : 5.545 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

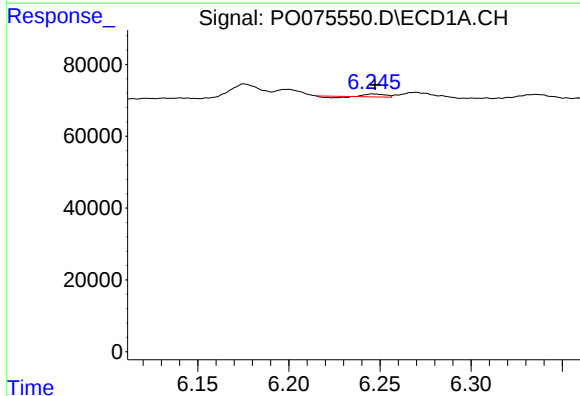
R.T.: 7.229 min  
Delta R.T.: -0.002 min  
Response: 33575  
Conc: 13.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



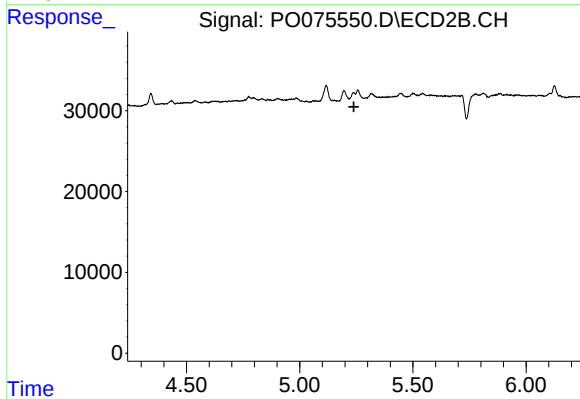
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 6.105 min  
Response: 0  
Conc: N.D.



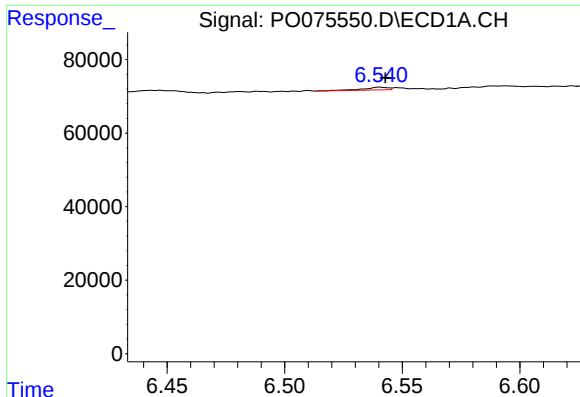
#21 AR-1248-1

R.T.: 6.246 min  
Delta R.T.: -0.001 min  
Response: 4024  
Conc: 1.73 ng/ml



#21 AR-1248-1

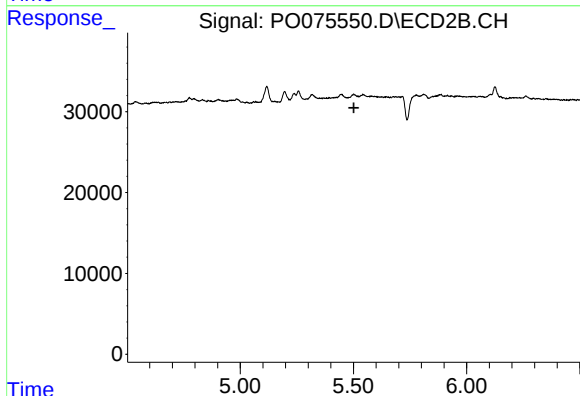
R.T.: 0.000 min  
Exp R.T. : 5.240 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

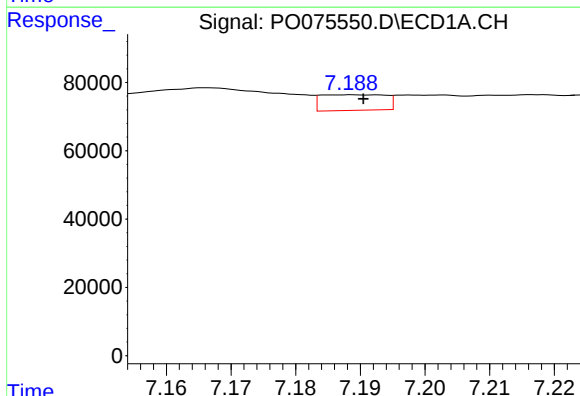
R.T.: 6.541 min  
Delta R.T.: -0.002 min  
Response: 5749  
Conc: 1.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



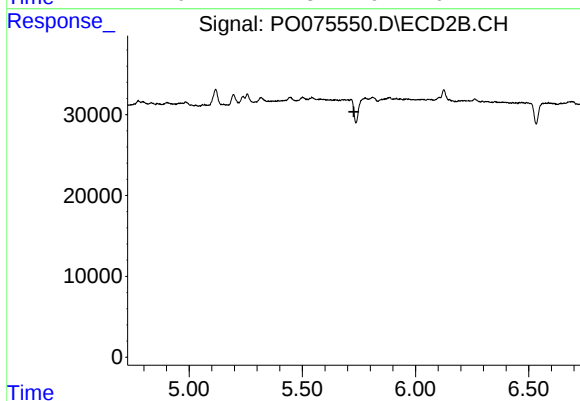
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.502 min  
Response: 0  
Conc: N.D.



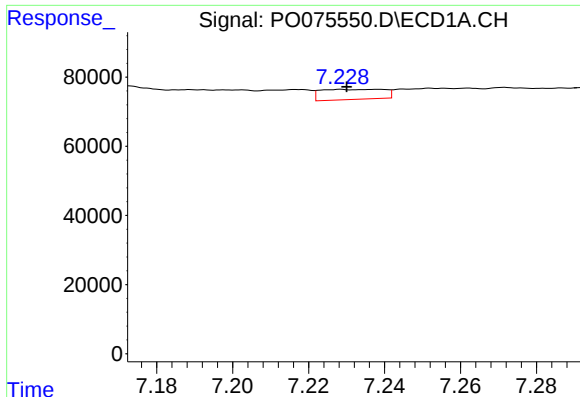
#24 AR-1248-4

R.T.: 7.189 min  
Delta R.T.: -0.002 min  
Response: 31813  
Conc: 7.18 ng/ml



#24 AR-1248-4

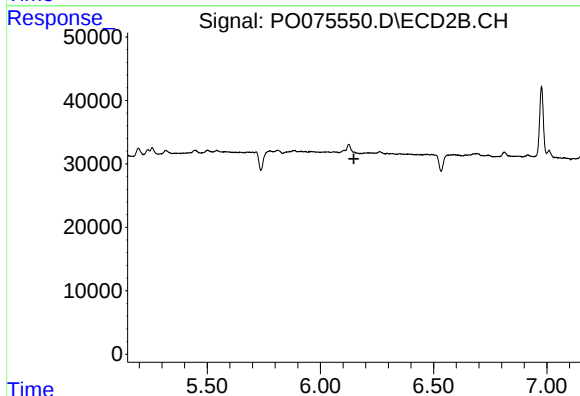
R.T.: 0.000 min  
Exp R.T. : 5.728 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

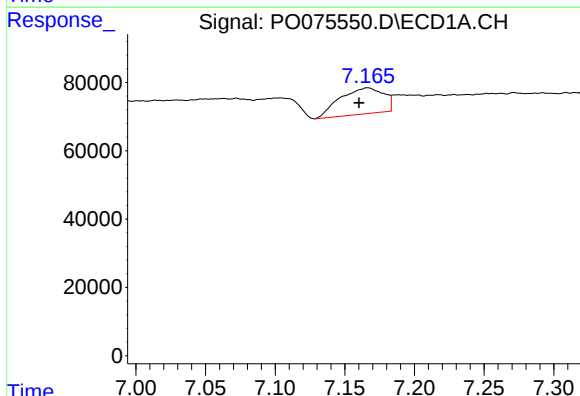
R.T.: 7.229 min  
Delta R.T.: -0.001 min  
Response: 33575  
Conc: 7.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



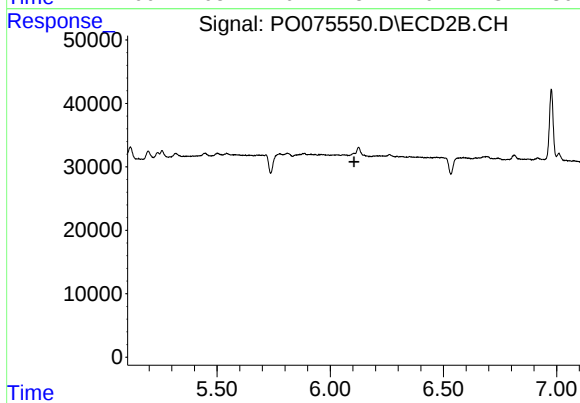
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.148 min  
Response: 0  
Conc: N.D.



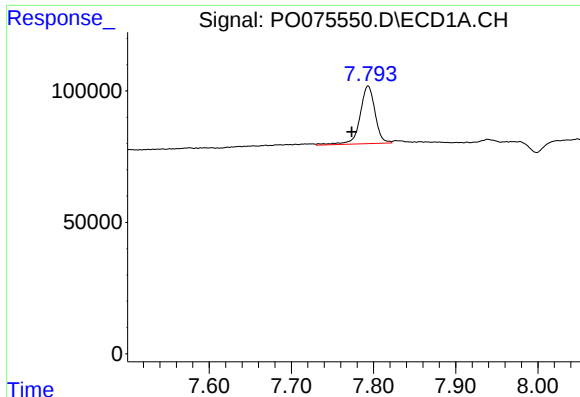
#26 AR-1254-1

R.T.: 7.166 min  
Delta R.T.: 0.006 min  
Response: 166486  
Conc: 38.63 ng/ml



#26 AR-1254-1

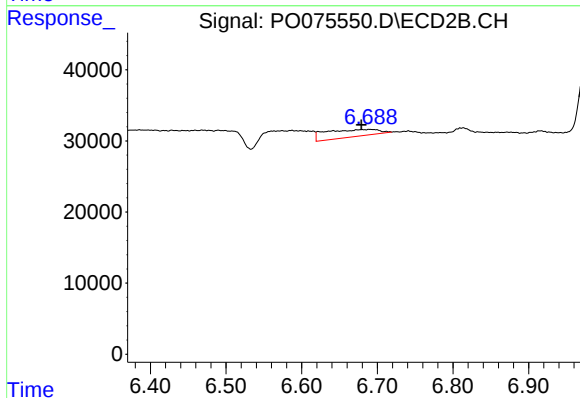
R.T.: 0.000 min  
Exp R.T. : 6.105 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

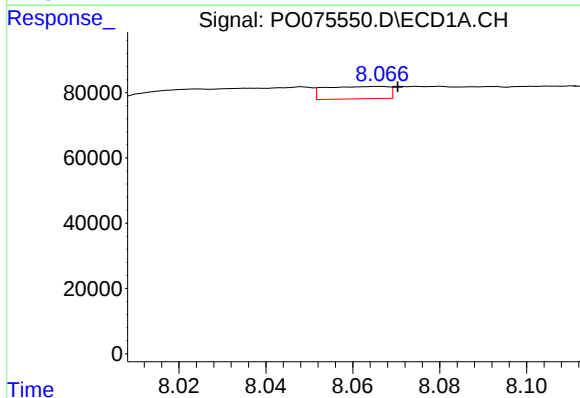
R.T.: 7.793 min  
Delta R.T.: 0.020 min  
Response: 278357  
Conc: 40.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



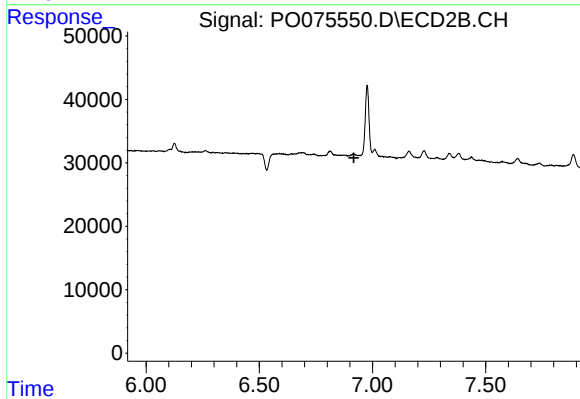
#28 AR-1254-3

R.T.: 6.690 min  
Delta R.T.: 0.011 min  
Response: 50025  
Conc: 11.73 ng/ml



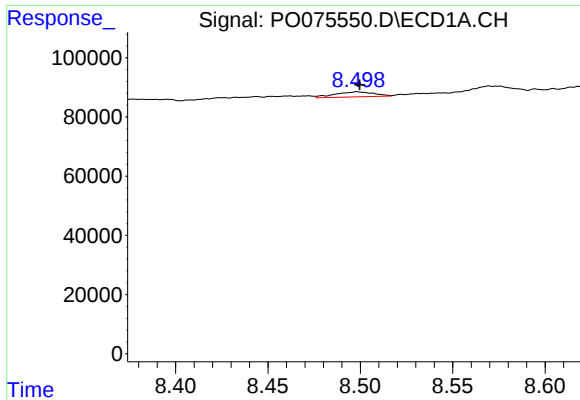
#29 AR-1254-4

R.T.: 8.066 min  
Delta R.T.: -0.004 min  
Response: 38241  
Conc: 6.33 ng/ml



#29 AR-1254-4

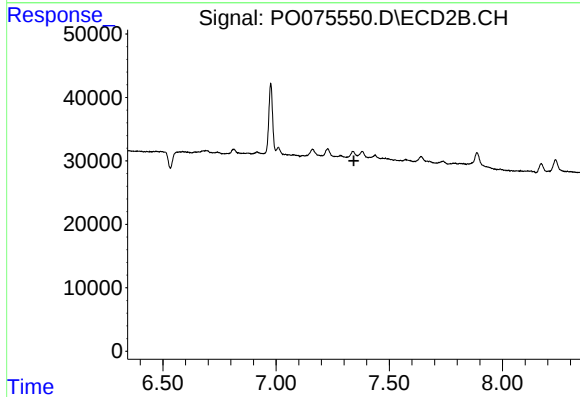
R.T.: 0.000 min  
Exp R.T.: 6.918 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

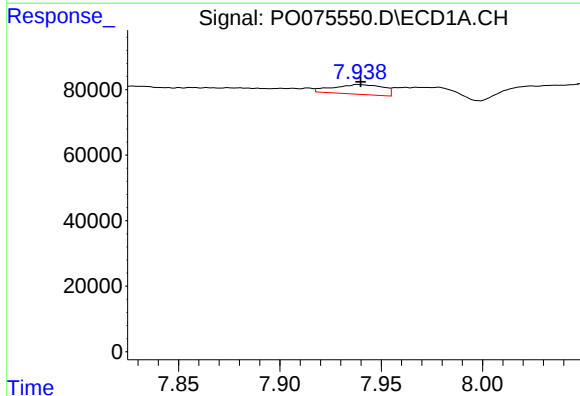
R.T.: 8.498 min  
Delta R.T.: -0.001 min  
Response: 24931  
Conc: 4.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



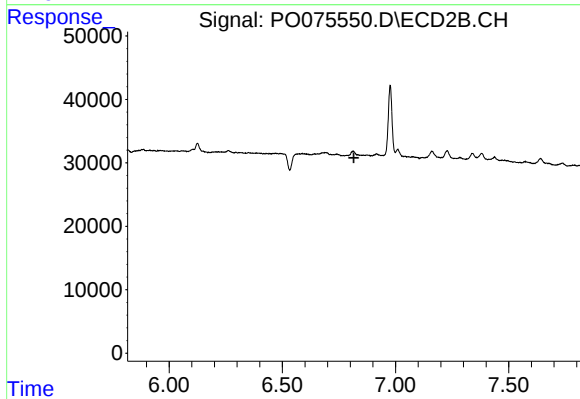
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.343 min  
Response: 0  
Conc: N.D.



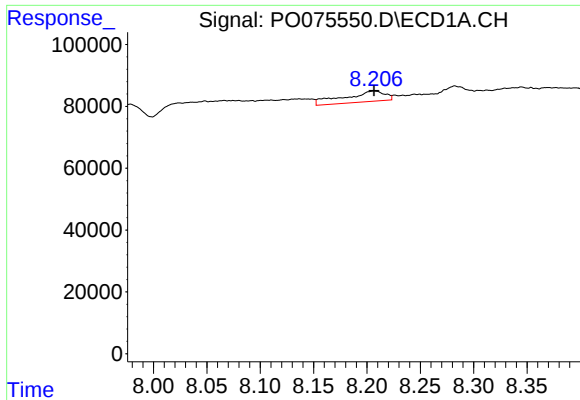
#31 AR-1260-1

R.T.: 7.938 min  
Delta R.T.: -0.002 min  
Response: 50644  
Conc: 10.98 ng/ml



#31 AR-1260-1

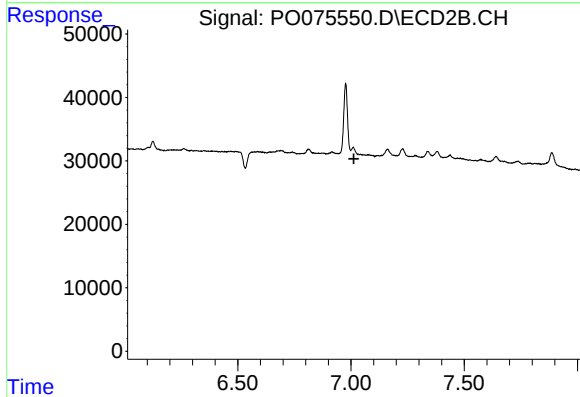
R.T.: 0.000 min  
Exp R.T. : 6.816 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

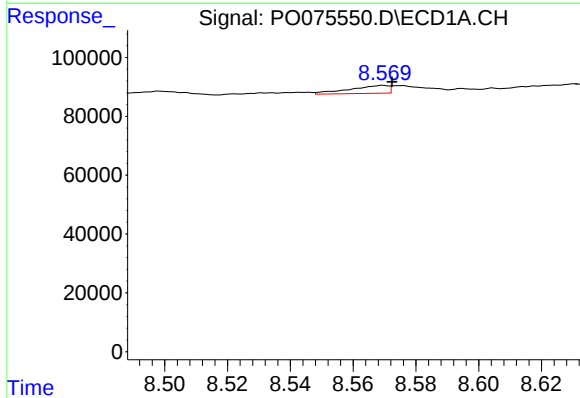
R.T.: 8.207 min  
Delta R.T.: 0.000 min  
Response: 93308  
Conc: 14.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



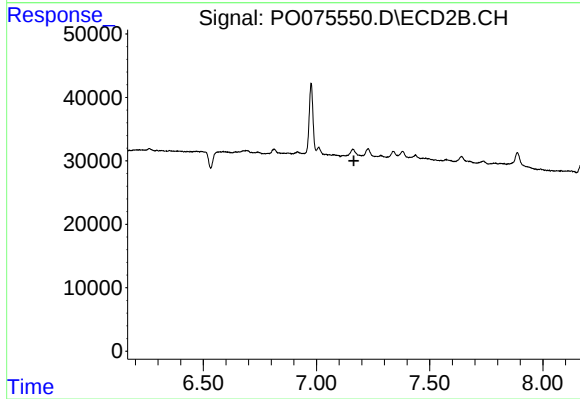
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 7.013 min  
Response: 0  
Conc: N.D.



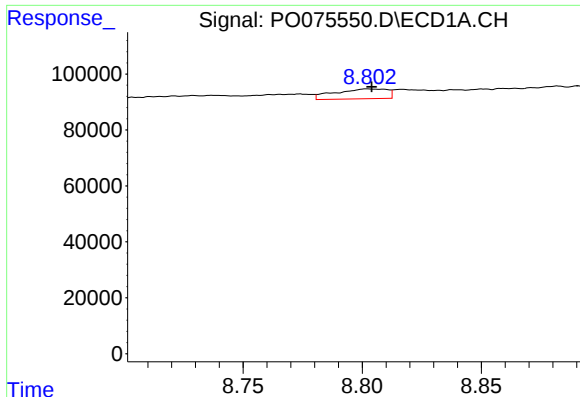
#33 AR-1260-3

R.T.: 8.570 min  
Delta R.T.: -0.003 min  
Response: 23086  
Conc: 4.23 ng/ml



#33 AR-1260-3

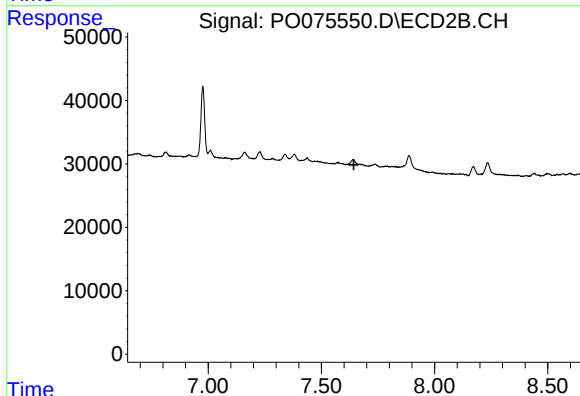
R.T.: 0.000 min  
Exp R.T. : 7.165 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

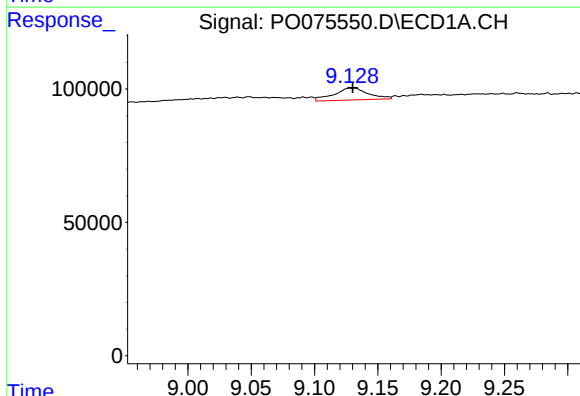
R.T.: 8.802 min  
Delta R.T.: -0.002 min  
Response: 53462  
Conc: 10.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



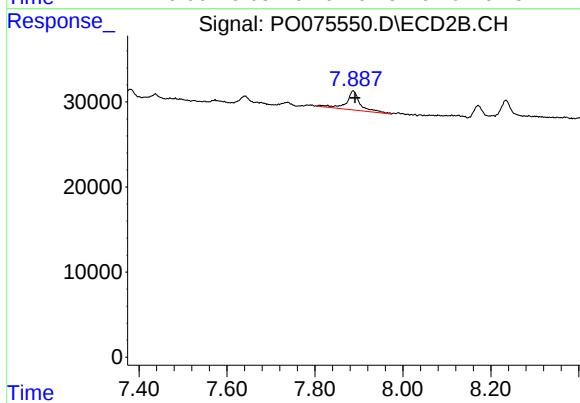
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.644 min  
Response: 0  
Conc: N.D.



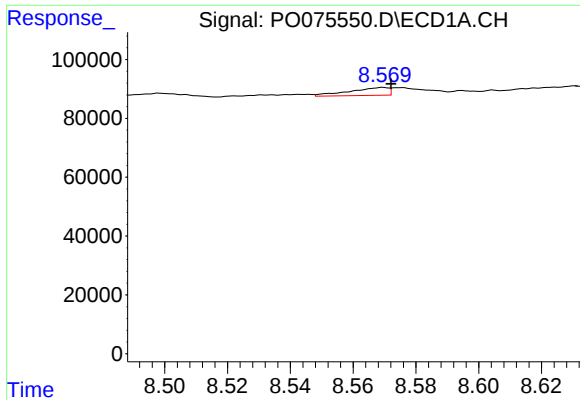
#35 AR-1260-5

R.T.: 9.132 min  
Delta R.T.: 0.002 min  
Response: 84880  
Conc: 7.19 ng/ml



#35 AR-1260-5

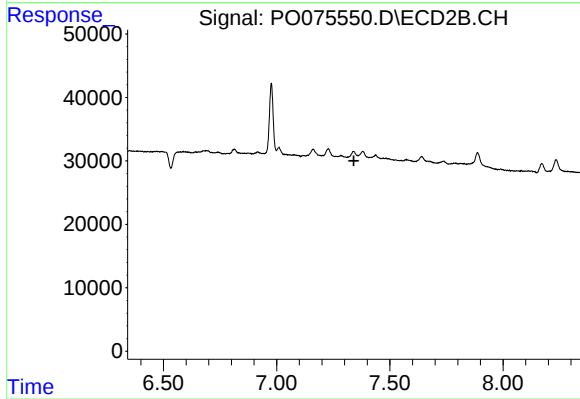
R.T.: 7.887 min  
Delta R.T.: -0.005 min  
Response: 49717  
Conc: 7.86 ng/ml



#36 AR-1262-1

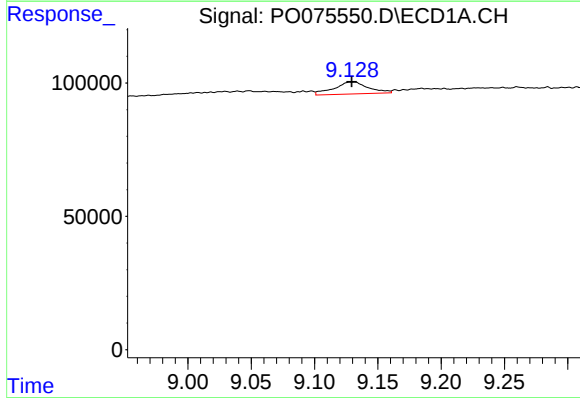
R.T.: 8.570 min  
Delta R.T.: -0.002 min  
Response: 23086  
Conc: 2.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



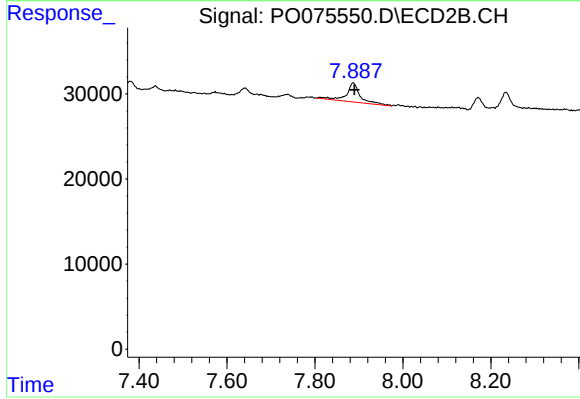
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.341 min  
Response: 0  
Conc: N.D.



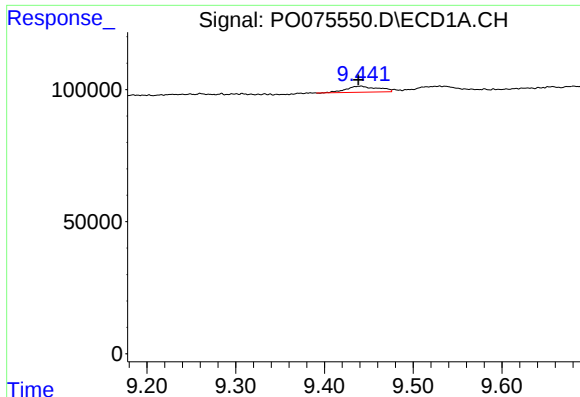
#37 AR-1262-2

R.T.: 9.132 min  
Delta R.T.: 0.002 min  
Response: 84880  
Conc: 5.61 ng/ml



#37 AR-1262-2

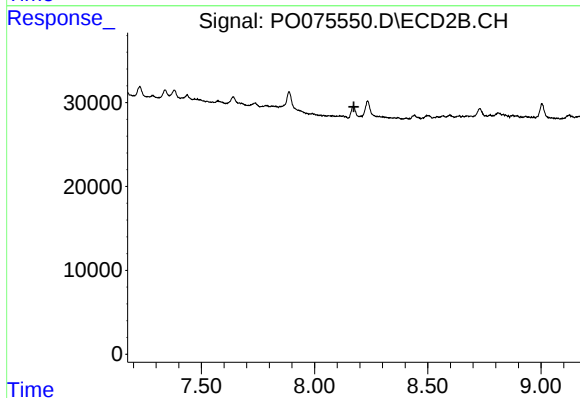
R.T.: 7.887 min  
Delta R.T.: -0.003 min  
Response: 49717  
Conc: 6.48 ng/ml



#38 AR-1262-3

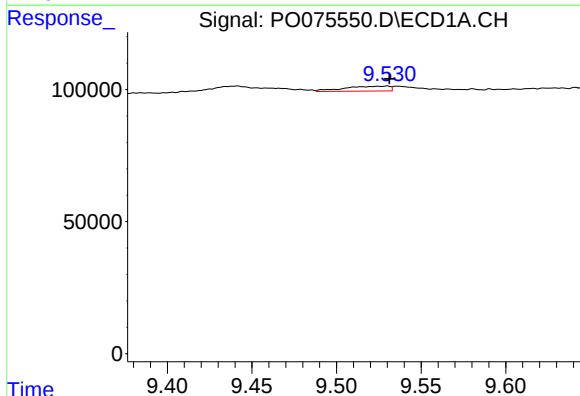
R.T.: 9.442 min  
Delta R.T.: 0.004 min  
Response: 56497  
Conc: 5.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



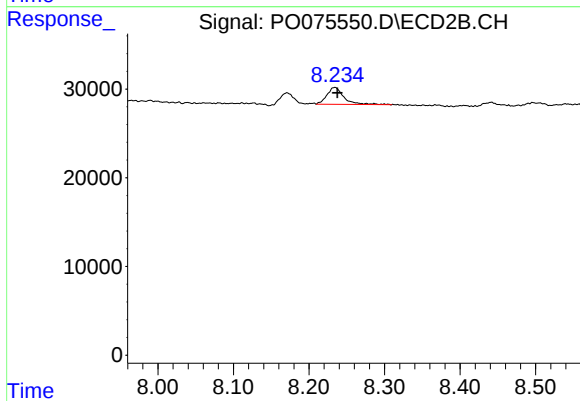
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.174 min  
Response: 0  
Conc: N.D.



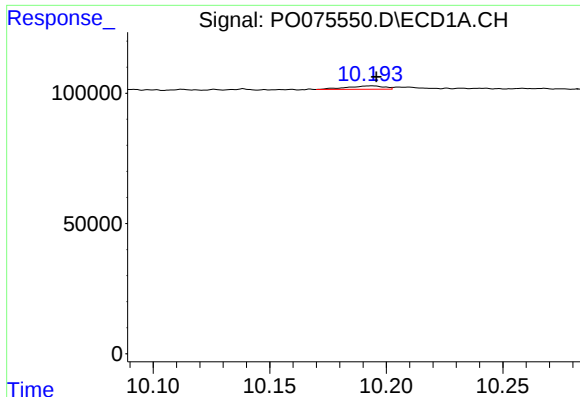
#39 AR-1262-4

R.T.: 9.530 min  
Delta R.T.: -0.001 min  
Response: 34129  
Conc: 4.62 ng/ml



#39 AR-1262-4

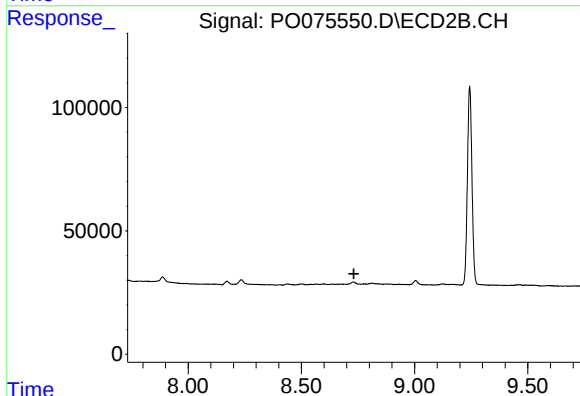
R.T.: 8.234 min  
Delta R.T.: -0.003 min  
Response: 29838  
Conc: 5.20 ng/ml



#40 AR-1262-5

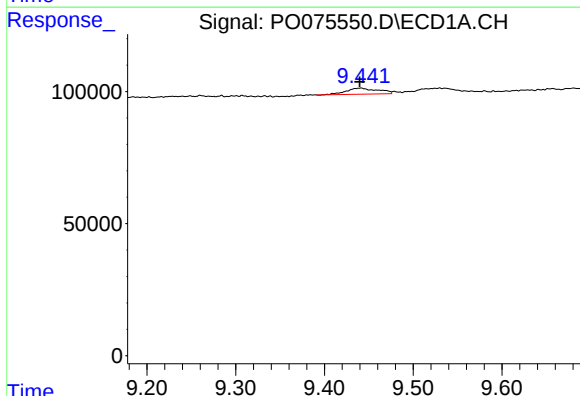
R.T.: 10.194 min  
Delta R.T.: -0.002 min  
Response: 14051  
Conc: 2.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



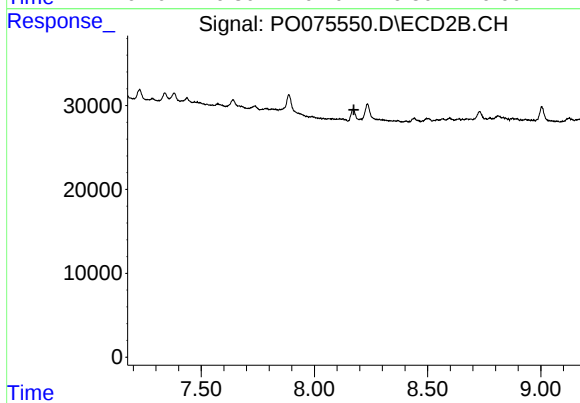
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 8.732 min  
Response: 0  
Conc: N.D.



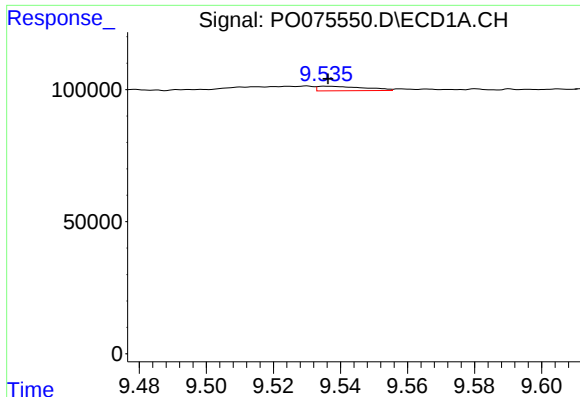
#41 AR-1268-1

R.T.: 9.442 min  
Delta R.T.: 0.002 min  
Response: 56497  
Conc: 3.00 ng/ml



#41 AR-1268-1

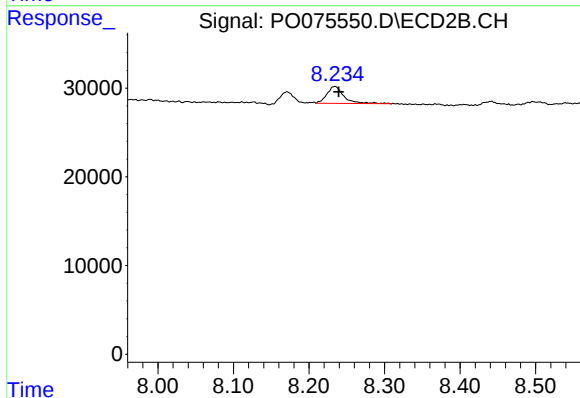
R.T.: 0.000 min  
Exp R.T. : 8.175 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

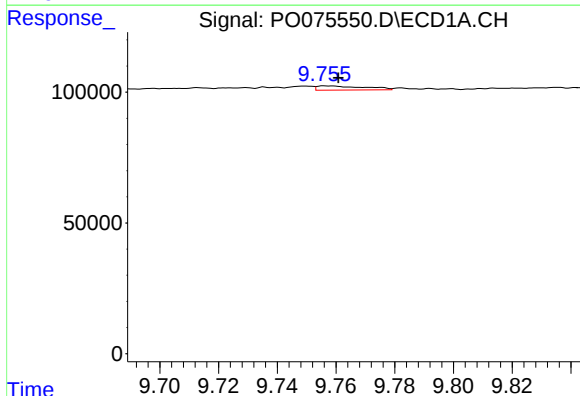
R.T.: 9.536 min  
Delta R.T.: 0.000 min  
Response: 16567  
Conc: 1.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



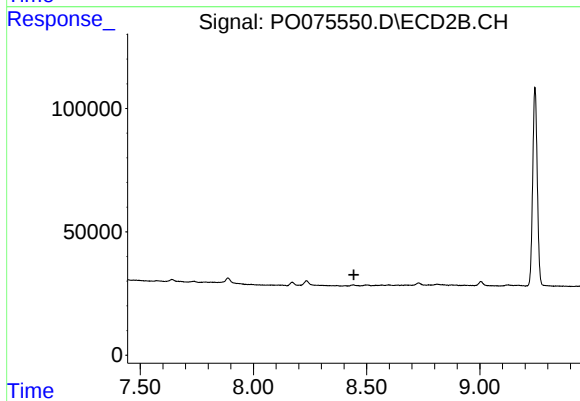
#42 AR-1268-2

R.T.: 8.234 min  
Delta R.T.: -0.005 min  
Response: 29838  
Conc: 3.56 ng/ml



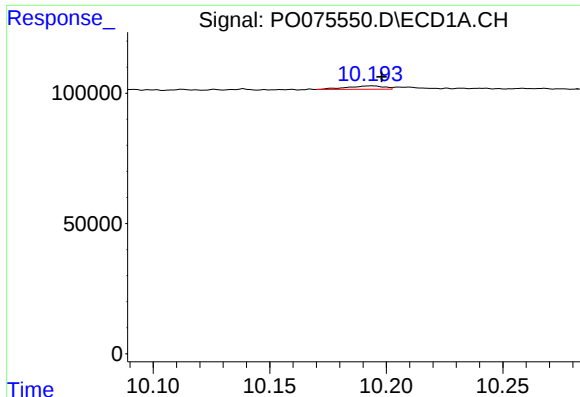
#43 AR-1268-3

R.T.: 9.756 min  
Delta R.T.: -0.005 min  
Response: 18206  
Conc: 1.31 ng/ml



#43 AR-1268-3

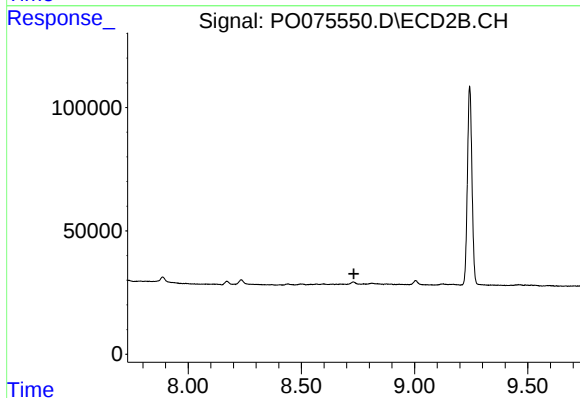
R.T.: 0.000 min  
Exp R.T.: 8.444 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

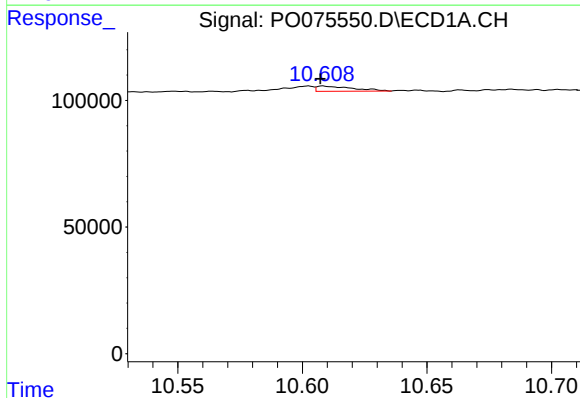
R.T.: 10.194 min  
Delta R.T.: -0.005 min  
Response: 14051  
Conc: 2.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



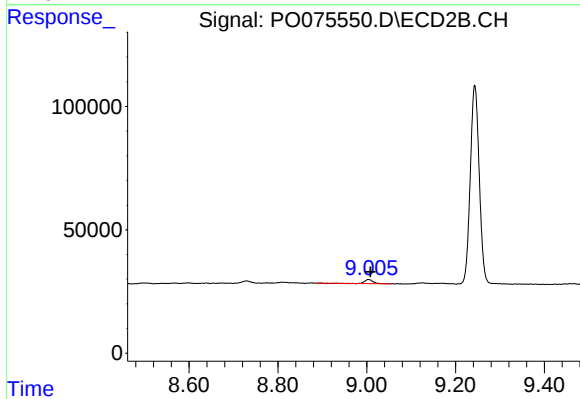
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 8.732 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.608 min  
Delta R.T.: 0.001 min  
Response: 20515  
Conc: 0.49 ng/ml



#45 AR-1268-5

R.T.: 9.004 min  
Delta R.T.: -0.005 min  
Response: 21441  
Conc: 1.01 ng/ml