

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0090319\  
 Data File : P0060218.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 03 Sep 2019 9:16  
 Operator : SM/AJ  
 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: Sep 04 01:12:02 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0081719.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 30 18:12:46 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... | 4.116 | 3.492 | 820907  | 735227 | 23.446  | 20.425 |
| 2)                          | SA Decachlor... | 9.568 | 8.345 | 1107137 | 874038 | 20.811  | 21.677 |
| Target Compounds            |                 |       |       |         |        |         |        |
| 3)                          | L1 AR-1016-1    | 5.284 | 0.000 | 2949    | 0      | 1.839   | N.D. # |
| 4)                          | L1 AR-1016-2    | 5.284 | 0.000 | 2949    | 0      | 1.233   | N.D. # |
| 5)                          | L1 AR-1016-3    | 5.334 | 0.000 | 2646    | 0      | 1.777   | N.D. # |
| 6)                          | L1 AR-1016-4    | 5.420 | 0.000 | 4665    | 0      | 3.856   | N.D. # |
| 8)                          | L2 AR-1221-1    | 4.417 | 0.000 | 12425   | 0      | 29.340  | N.D. # |
| 9)                          | L2 AR-1221-2    | 4.417 | 0.000 | 12425   | 0      | 38.254  | N.D. # |
| 10)                         | L2 AR-1221-3    | 4.554 | 0.000 | 19806   | 0      | 18.830  | N.D. # |
| 11)                         | L3 AR-1232-1    | 4.554 | 0.000 | 19806   | 0      | 15.890  | N.D. # |
| 12)                         | L3 AR-1232-2    | 5.040 | 0.000 | 12710   | 0      | 17.993  | N.D. # |
| 13)                         | L3 AR-1232-3    | 5.284 | 0.000 | 2949    | 0      | 1.926   | N.D. # |
| 14)                         | L3 AR-1232-4    | 5.541 | 0.000 | 2952    | 0      | 3.776   | N.D. # |
| 15)                         | L3 AR-1232-5    | 5.602 | 0.000 | 28466   | 0      | 47.355  | N.D. # |
| 16)                         | L4 AR-1242-1    | 5.284 | 0.000 | 2949    | 0      | 2.323   | N.D. # |
| 17)                         | L4 AR-1242-2    | 5.284 | 0.000 | 2949    | 0      | 1.589   | N.D. # |
| 18)                         | L4 AR-1242-3    | 5.334 | 0.000 | 2646    | 0      | 2.264   | N.D. # |
| 19)                         | L4 AR-1242-4    | 5.541 | 0.000 | 2952    | 0      | 3.050   | N.D. # |
| 20)                         | L4 AR-1242-5    | 6.161 | 0.000 | 18070   | 0      | 14.380  | N.D. # |
| 21)                         | L5 AR-1248-1    | 5.284 | 0.000 | 2949    | 0      | 2.941   | N.D. # |
| 22)                         | L5 AR-1248-2    | 5.541 | 0.000 | 2952    | 0      | 2.035   | N.D. # |
| 24)                         | L5 AR-1248-4    | 6.161 | 0.000 | 18070   | 0      | 8.840   | N.D. # |
| 25)                         | L5 AR-1248-5    | 6.161 | 0.000 | 18070   | 0      | 9.112   | N.D. # |
| 26)                         | L6 AR-1254-1    | 6.085 | 0.000 | 22670   | 0      | 10.866  | N.D. # |
| 28)                         | L6 AR-1254-3    | 6.711 | 0.000 | 3748    | 0      | 1.056   | N.D. # |
| 29)                         | L6 AR-1254-4    | 6.930 | 0.000 | 11818   | 0      | 4.012   | N.D. # |
| 31)                         | L7 AR-1260-1    | 6.862 | 0.000 | 20457   | 0      | 7.588   | N.D. # |
| 32)                         | L7 AR-1260-2    | 7.090 | 0.000 | 27232   | 0      | 7.339   | N.D. # |
| 38)                         | L8 AR-1262-3    | 8.341 | 0.000 | 1580648 | 0      | 309.791 | N.D. # |
| 39)                         | L8 AR-1262-4    | 8.341 | 0.000 | 1580648 | 0      | 410.054 | N.D. # |
| 40)                         | L8 AR-1262-5    | 8.890 | 0.000 | 415147  | 0      | 161.752 | N.D. # |
| 41)                         | L9 AR-1268-1    | 8.341 | 0.000 | 1580648 | 0      | 167.963 | N.D. # |
| 42)                         | L9 AR-1268-2    | 8.341 | 0.000 | 1580648 | 0      | 200.521 | N.D. # |
| 43)                         | L9 AR-1268-3    | 8.658 | 0.000 | 264804  | 0      | 37.567  | N.D. # |
| 44)                         | L9 AR-1268-4    | 8.890 | 0.000 | 415147  | 0      | 149.331 | N.D. # |
| -----                       |                 |       |       |         |        |         |        |

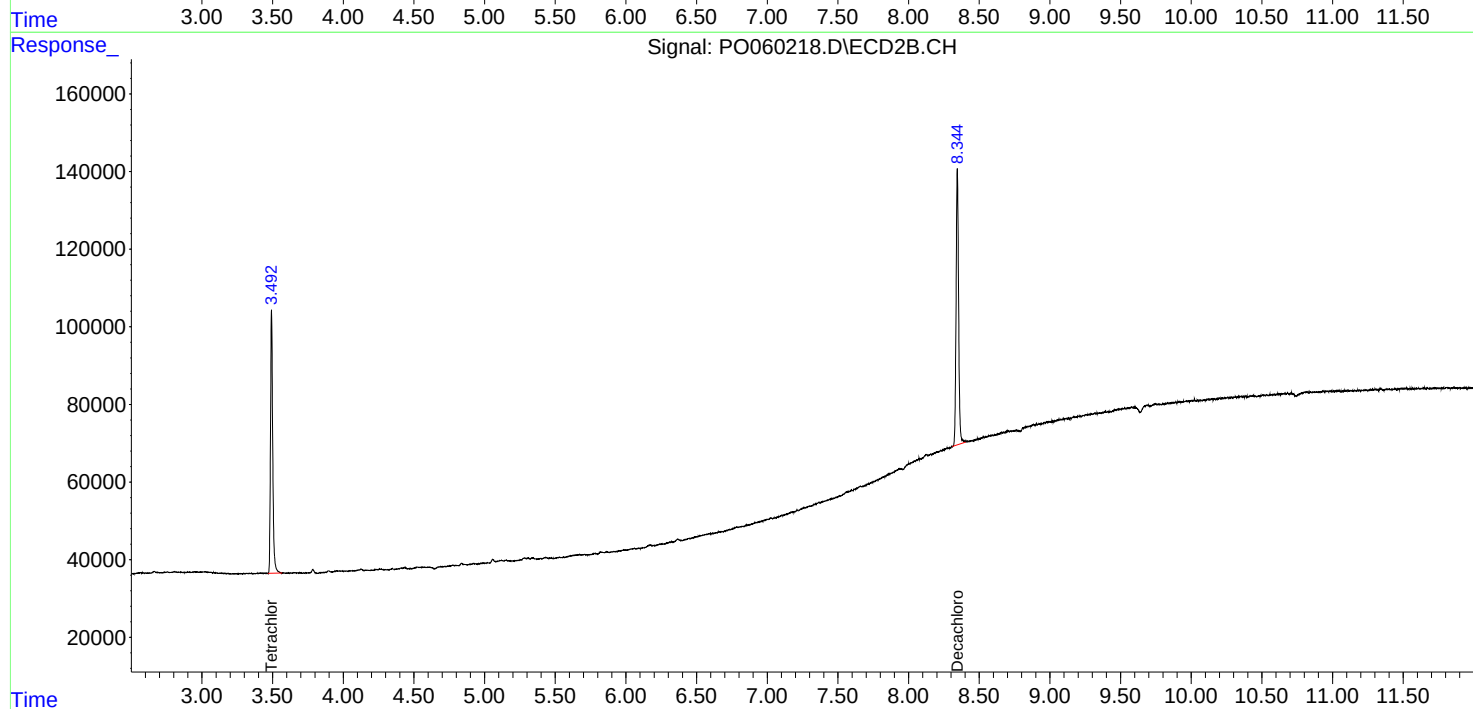
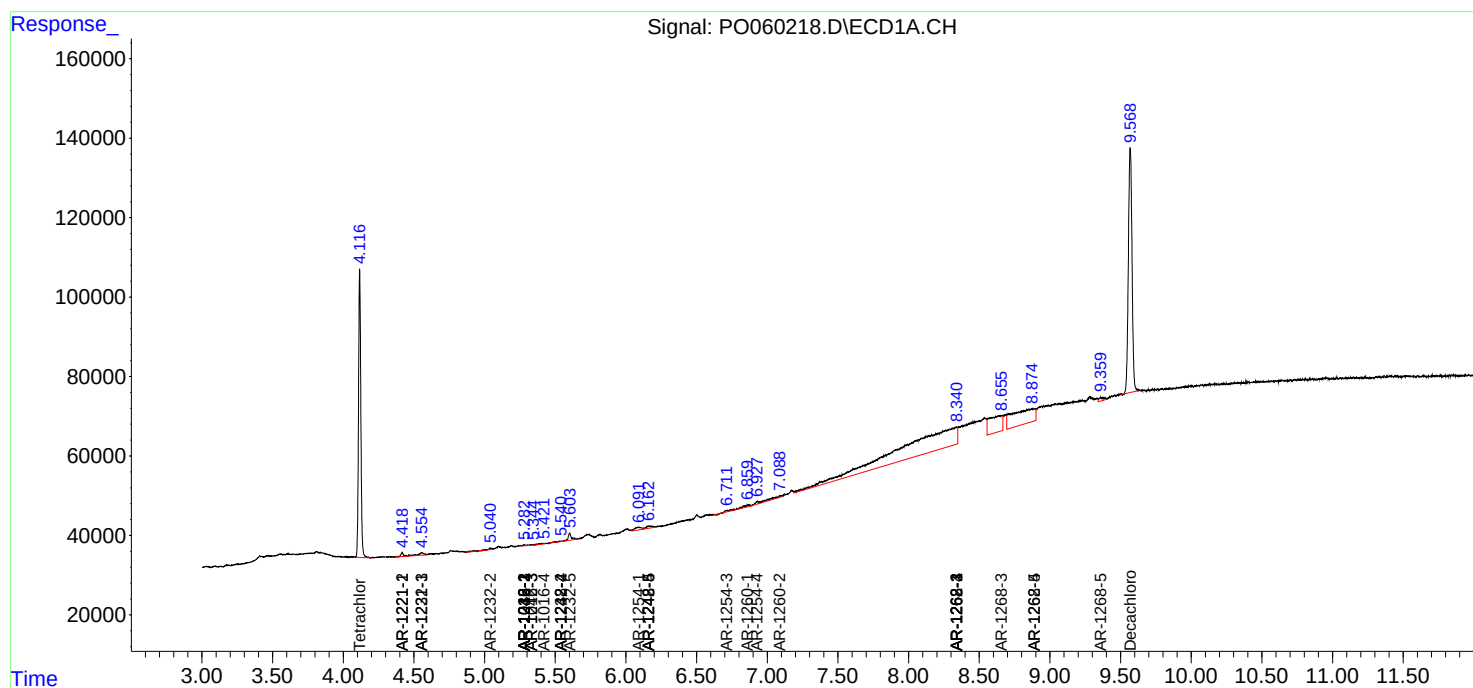
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

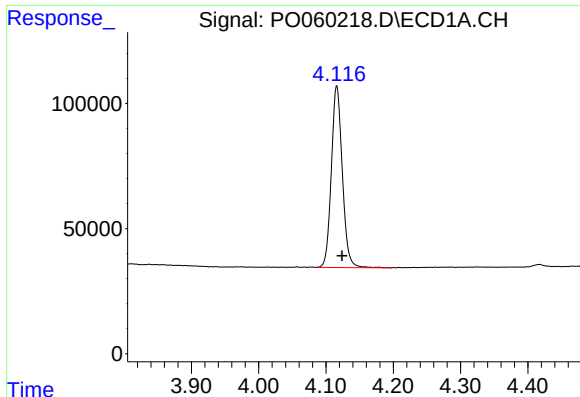
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO090319\  
Data File : PO060218.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 03 Sep 2019 9:16  
Operator : SM/AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 04 01:12:02 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO081719.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 30 18:12:46 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

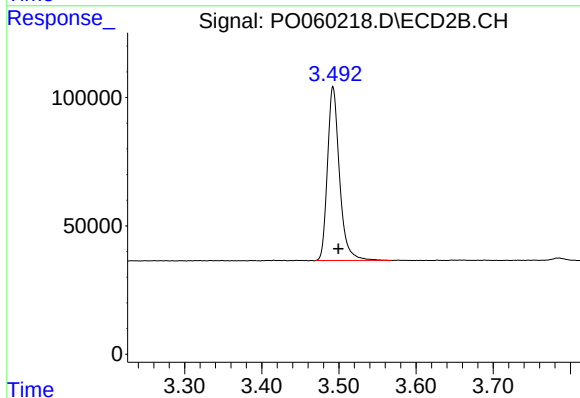




#1 Tetrachloro-m-xylene

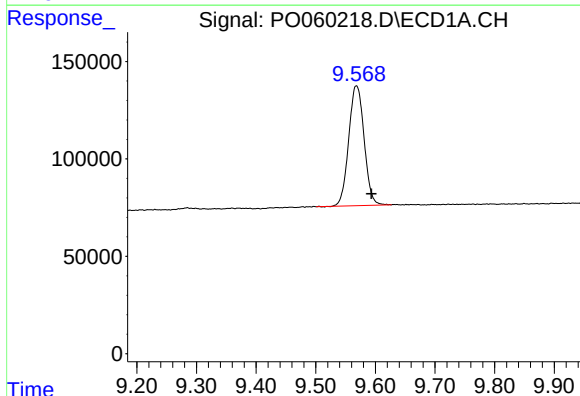
R.T.: 4.116 min  
Delta R.T.: -0.008 min  
Response: 820907  
Conc: 23.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



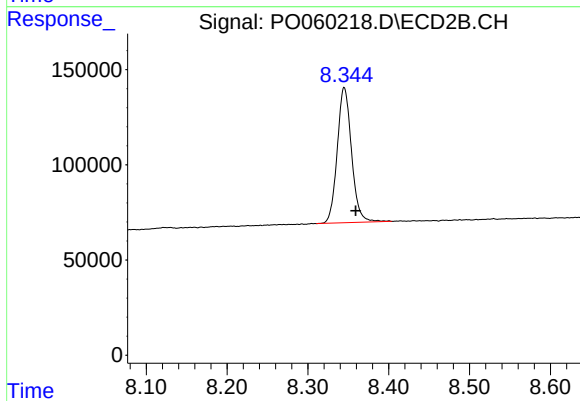
#1 Tetrachloro-m-xylene

R.T.: 3.492 min  
Delta R.T.: -0.007 min  
Response: 735227  
Conc: 20.43 ng/ml



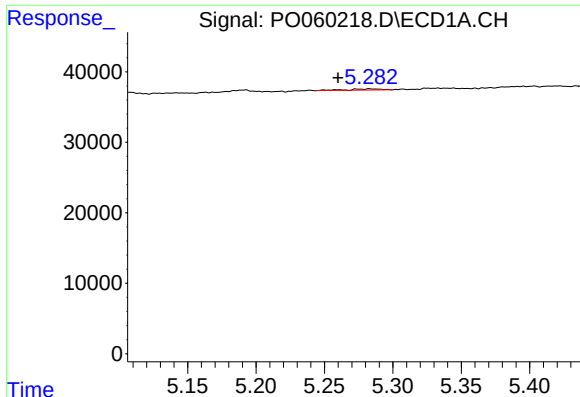
#2 Decachlorobiphenyl

R.T.: 9.568 min  
Delta R.T.: -0.025 min  
Response: 1107137  
Conc: 20.81 ng/ml



#2 Decachlorobiphenyl

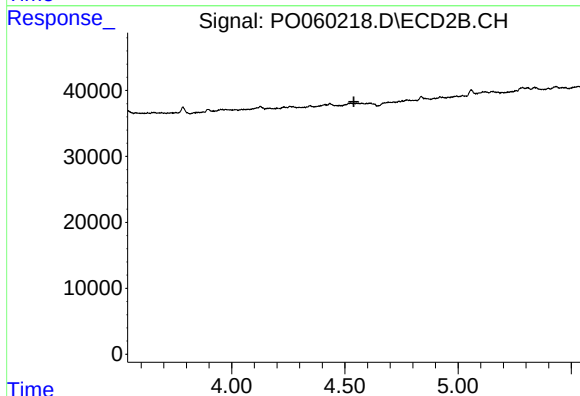
R.T.: 8.345 min  
Delta R.T.: -0.014 min  
Response: 874038  
Conc: 21.68 ng/ml



#3 AR-1016-1

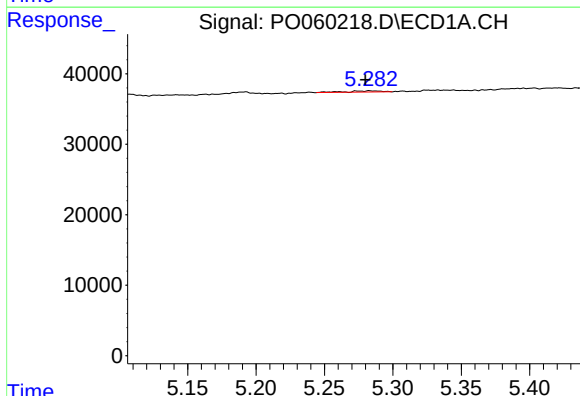
R.T.: 5.284 min  
Delta R.T.: 0.024 min  
Response: 2949  
Conc: 1.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



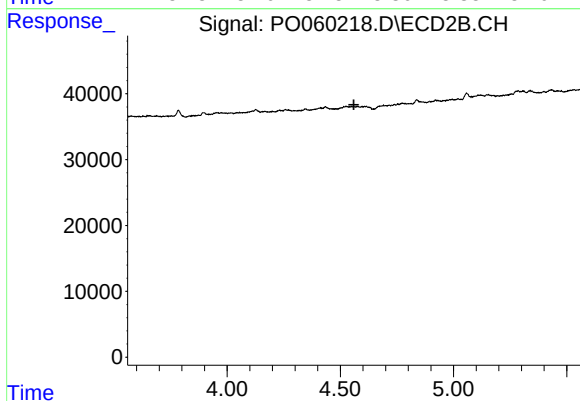
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.540 min  
Response: 0  
Conc: N.D.



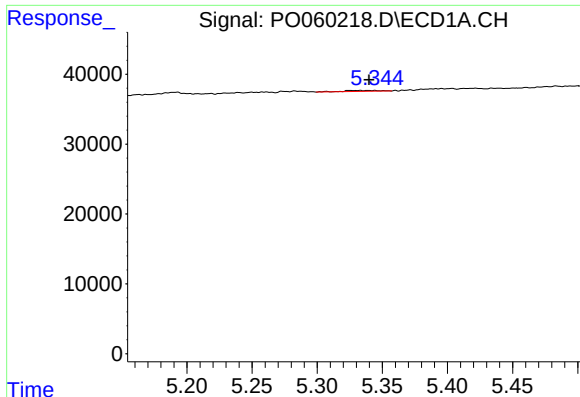
#4 AR-1016-2

R.T.: 5.284 min  
Delta R.T.: 0.004 min  
Response: 2949  
Conc: 1.23 ng/ml



#4 AR-1016-2

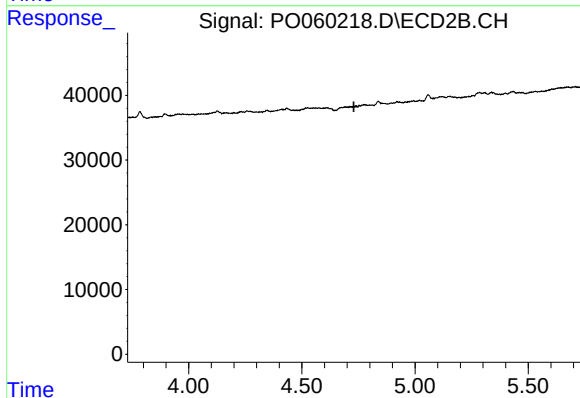
R.T.: 0.000 min  
Exp R.T. : 4.560 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

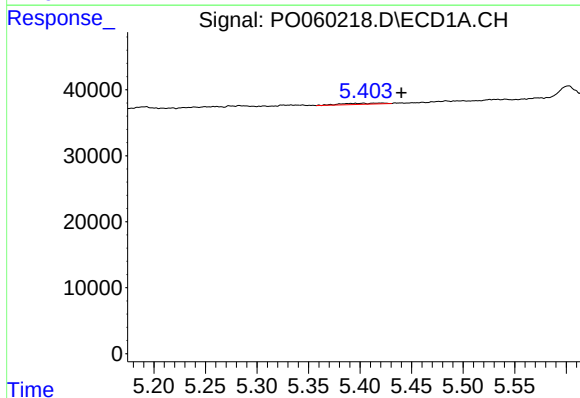
R.T.: 5.334 min  
Delta R.T.: -0.006 min  
Response: 2646  
Conc: 1.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



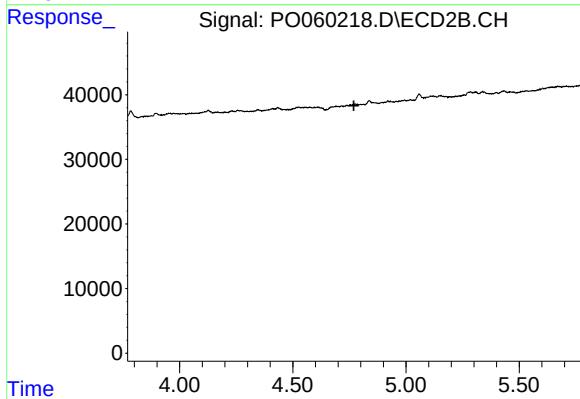
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.730 min  
Response: 0  
Conc: N.D.



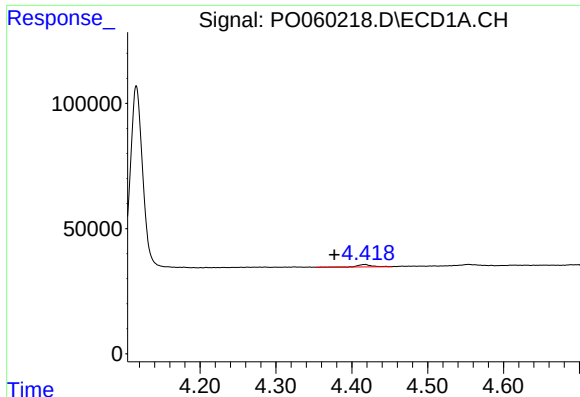
#6 AR-1016-4

R.T.: 5.420 min  
Delta R.T.: -0.020 min  
Response: 4665  
Conc: 3.86 ng/ml



#6 AR-1016-4

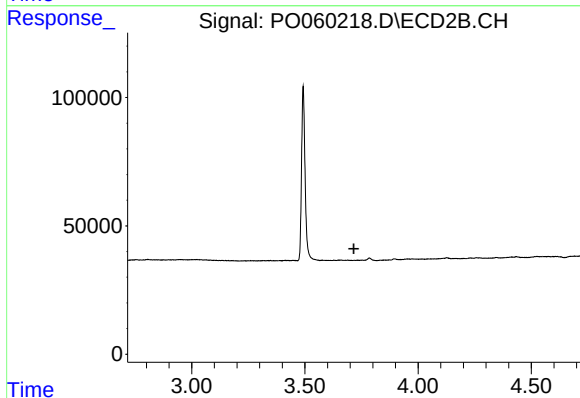
R.T.: 0.000 min  
Exp R.T. : 4.770 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

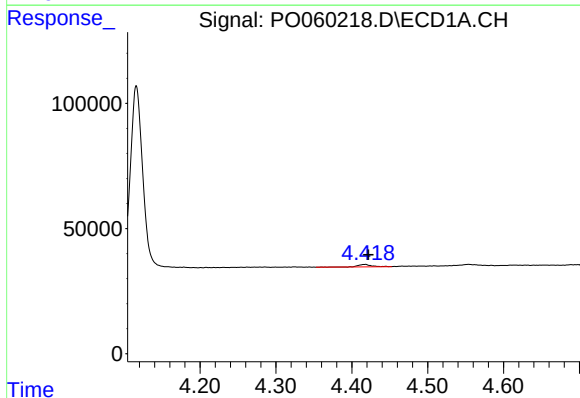
R.T.: 4.417 min  
Delta R.T.: 0.040 min  
Response: 12425  
Conc: 29.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



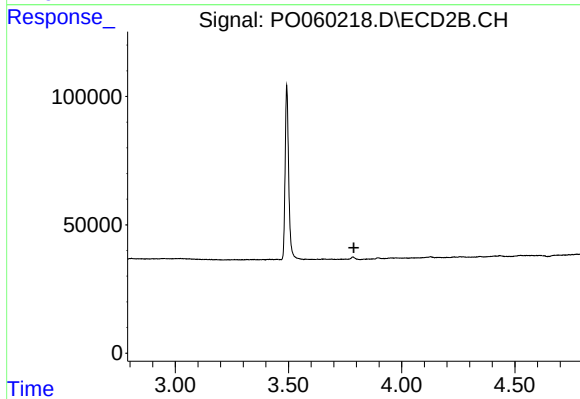
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.717 min  
Response: 0  
Conc: N.D.



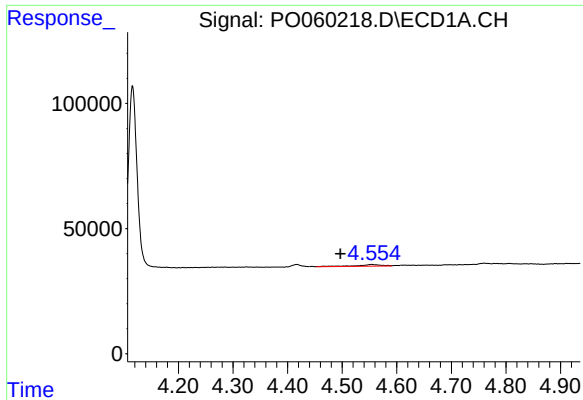
#9 AR-1221-2

R.T.: 4.417 min  
Delta R.T.: -0.005 min  
Response: 12425  
Conc: 38.25 ng/ml



#9 AR-1221-2

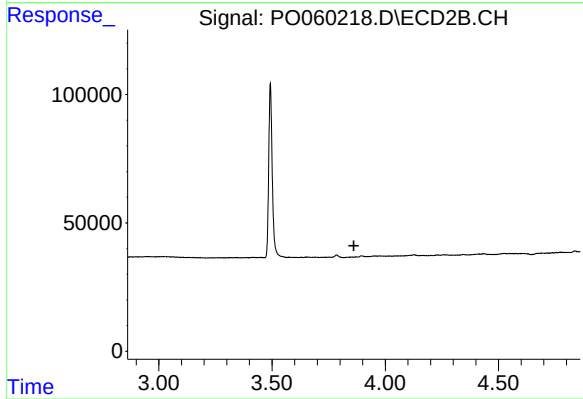
R.T.: 0.000 min  
Exp R.T. : 3.789 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

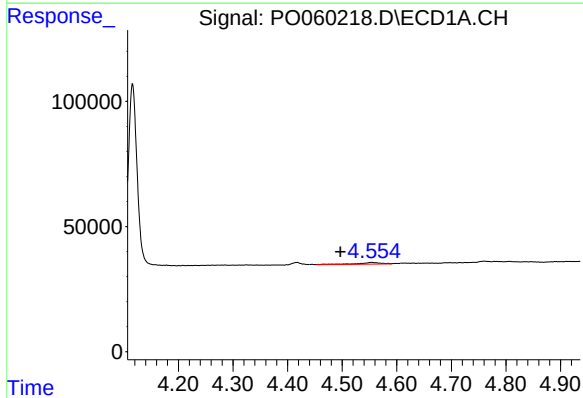
R.T.: 4.554 min  
Delta R.T.: 0.057 min  
Response: 19806  
Conc: 18.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



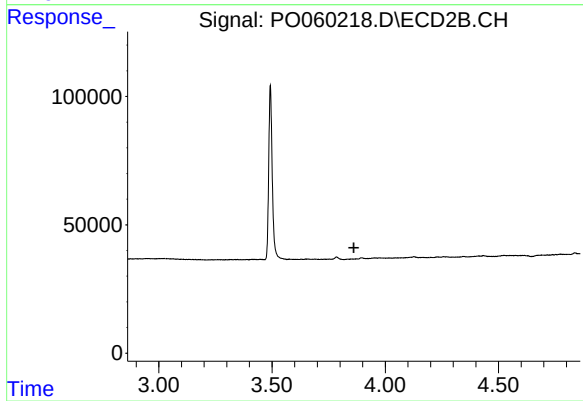
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 3.862 min  
Response: 0  
Conc: N.D.



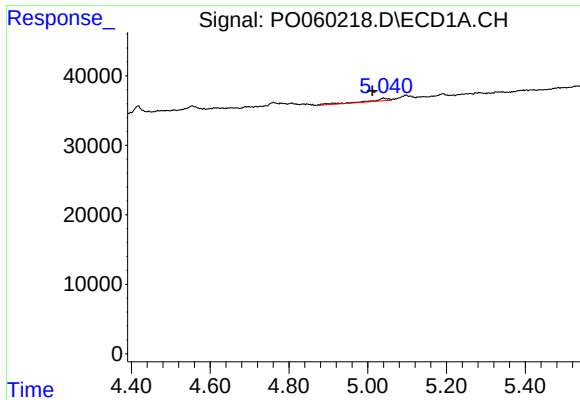
#11 AR-1232-1

R.T.: 4.554 min  
Delta R.T.: 0.057 min  
Response: 19806  
Conc: 15.89 ng/ml



#11 AR-1232-1

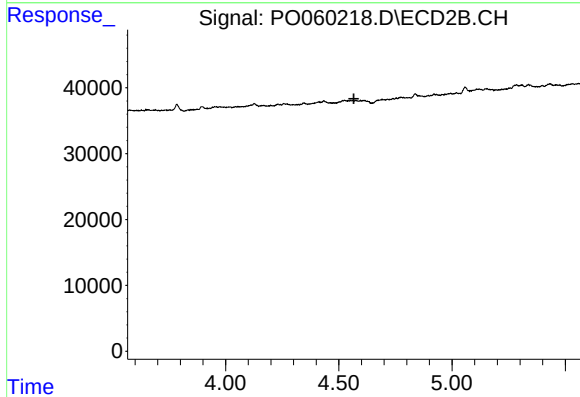
R.T.: 0.000 min  
Exp R.T. : 3.862 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

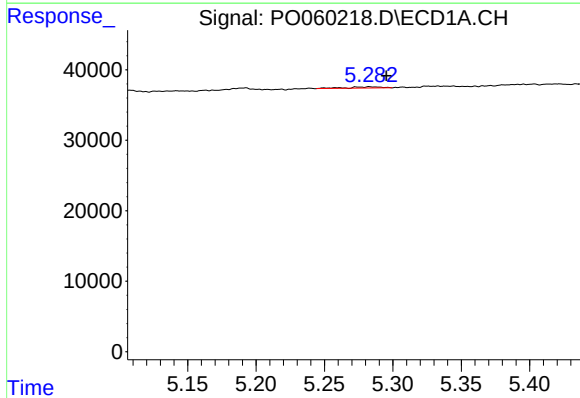
R.T.: 5.040 min  
Delta R.T.: 0.028 min  
Response: 12710  
Conc: 17.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



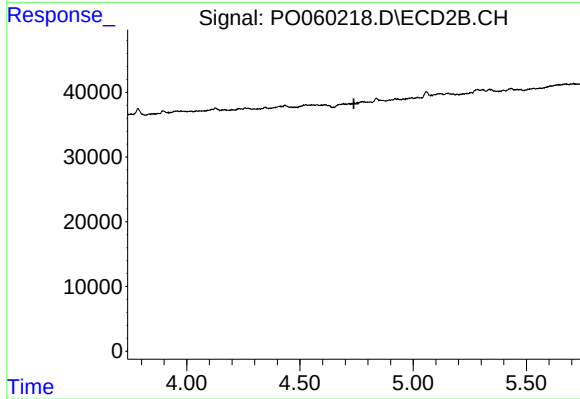
#12 AR-1232-2

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



#13 AR-1232-3

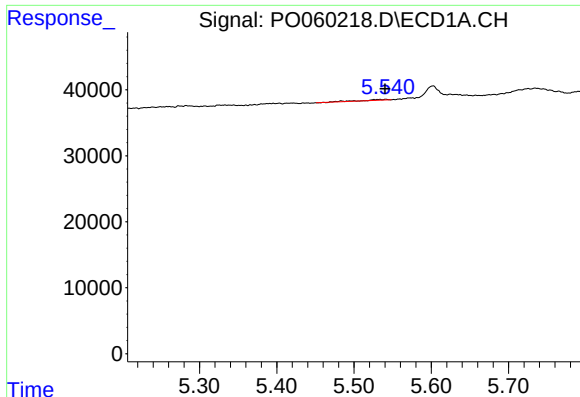
R.T.: 5.284 min  
Delta R.T.: -0.011 min  
Response: 2949  
Conc: 1.93 ng/ml



#13 AR-1232-3

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

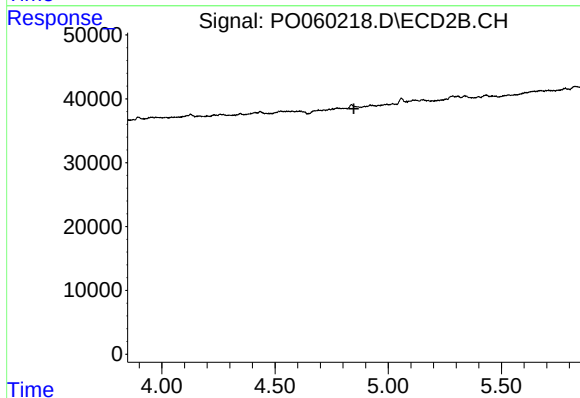




#14 AR-1232-4

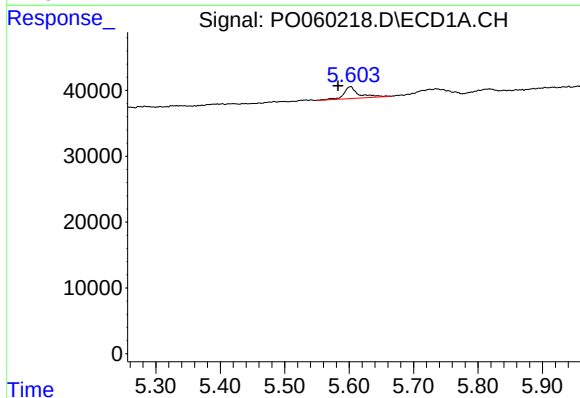
R.T.: 5.541 min  
Delta R.T.: 0.001 min  
Response: 2952  
Conc: 3.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



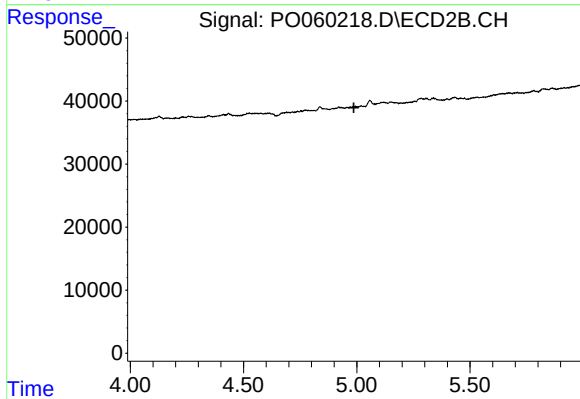
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 4.848 min  
Response: 0  
Conc: N.D.



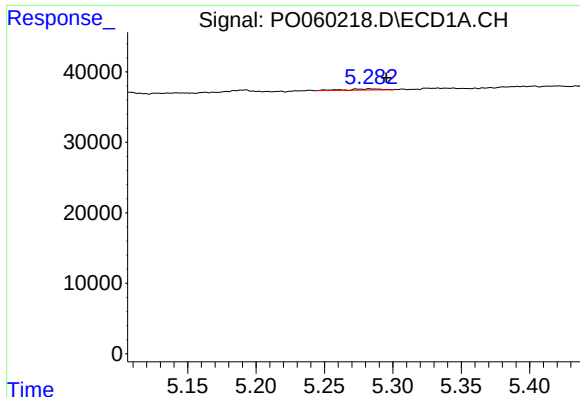
#15 AR-1232-5

R.T.: 5.602 min  
Delta R.T.: 0.019 min  
Response: 28466  
Conc: 47.35 ng/ml



#15 AR-1232-5

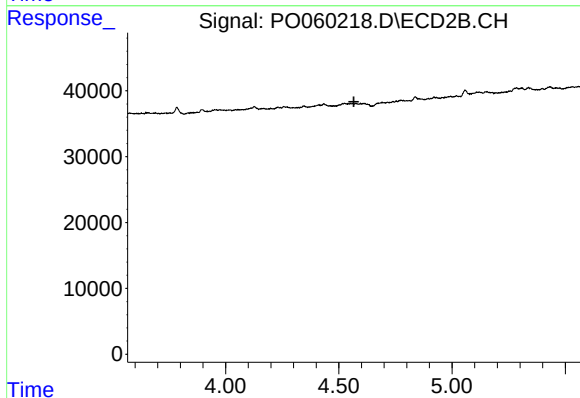
R.T.: 0.000 min  
Exp R.T. : 4.987 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

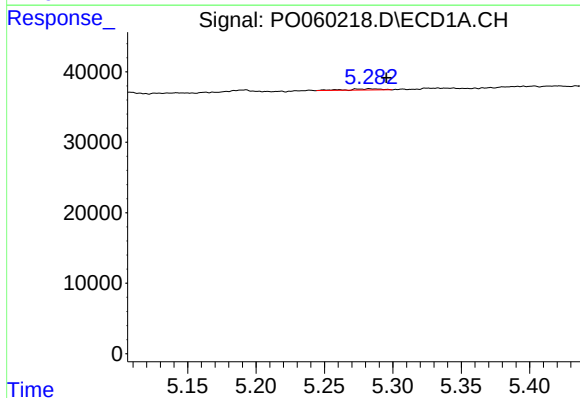
R.T.: 5.284 min  
Delta R.T.: -0.011 min  
Response: 2949  
Conc: 2.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



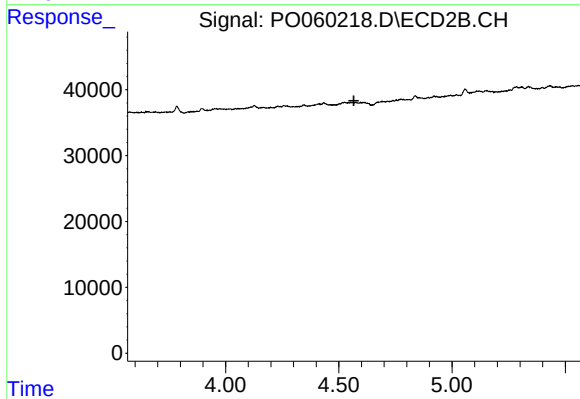
#16 AR-1242-1

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



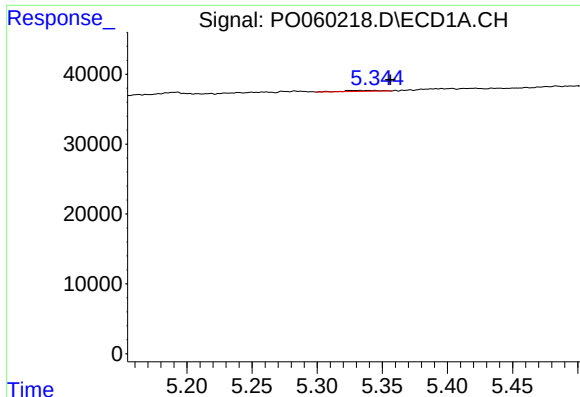
#17 AR-1242-2

R.T.: 5.284 min  
Delta R.T.: -0.011 min  
Response: 2949  
Conc: 1.59 ng/ml



#17 AR-1242-2

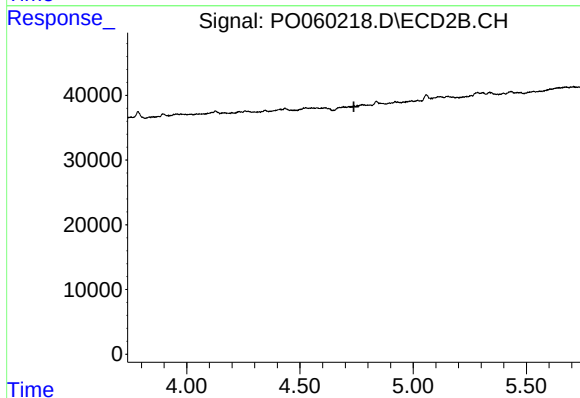
R.T.: 0.000 min  
Exp R.T. : 4.566 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

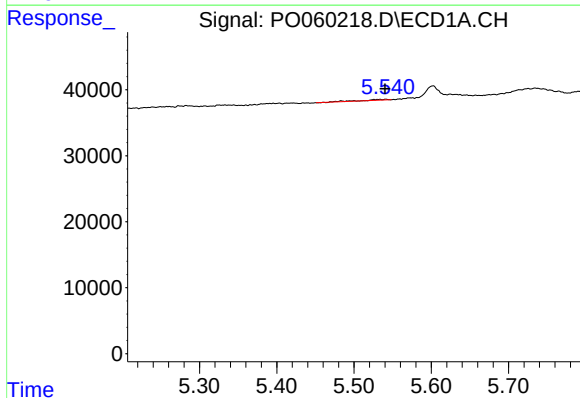
R.T.: 5.334 min  
Delta R.T.: -0.023 min  
Response: 2646  
Conc: 2.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



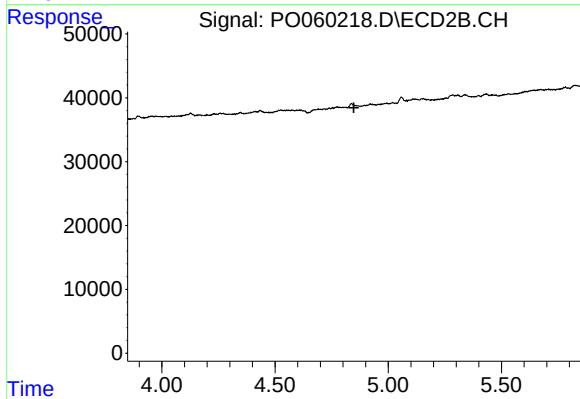
#18 AR-1242-3

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



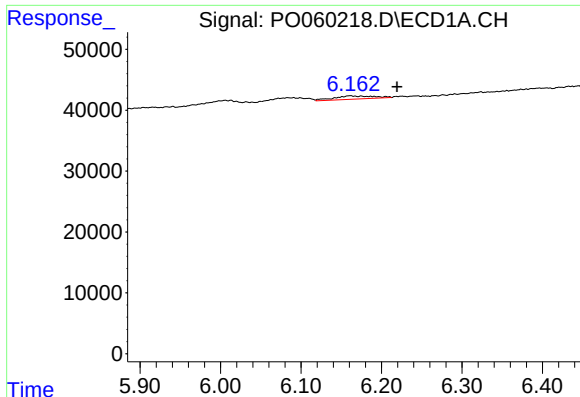
#19 AR-1242-4

R.T.: 5.541 min  
Delta R.T.: 0.001 min  
Response: 2952  
Conc: 3.05 ng/ml



#19 AR-1242-4

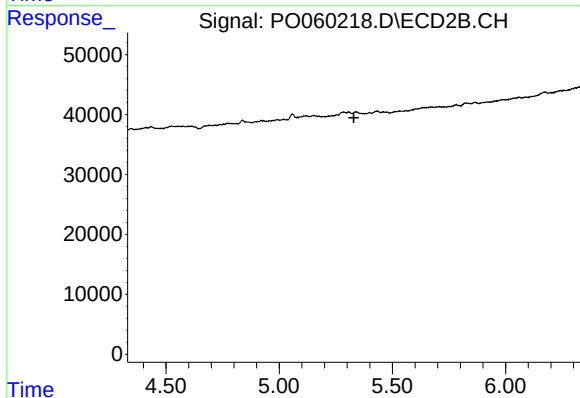
R.T.: 0.000 min  
Exp R.T. : 4.848 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

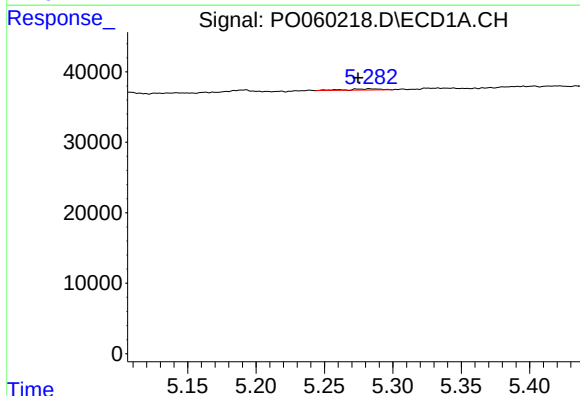
R.T.: 6.161 min  
Delta R.T.: -0.058 min  
Response: 18070  
Conc: 14.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



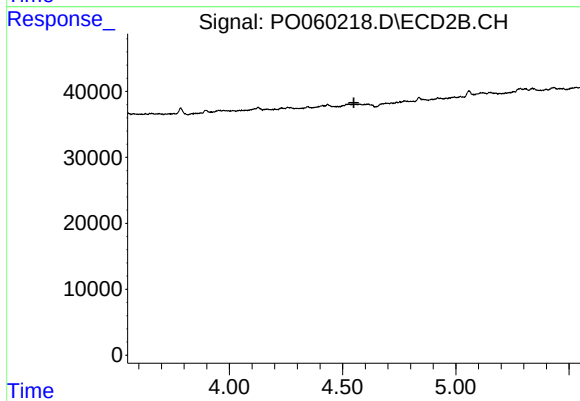
#20 AR-1242-5

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



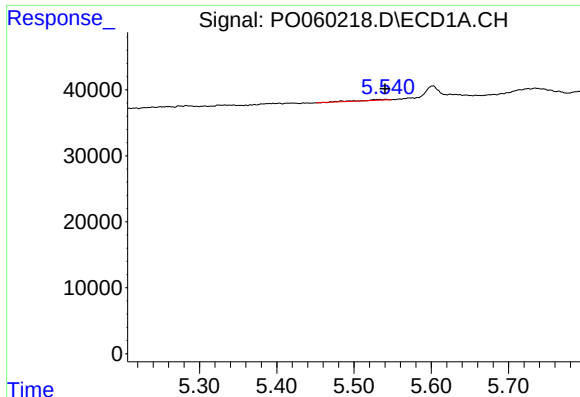
#21 AR-1248-1

R.T.: 5.284 min  
Delta R.T.: 0.010 min  
Response: 2949  
Conc: 2.94 ng/ml



#21 AR-1248-1

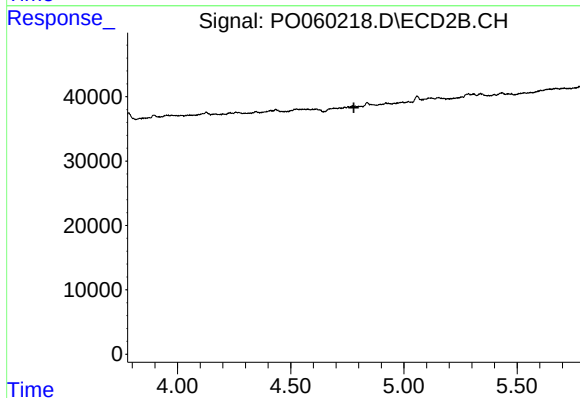
R.T.: 0.000 min  
Exp R.T. : 4.550 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

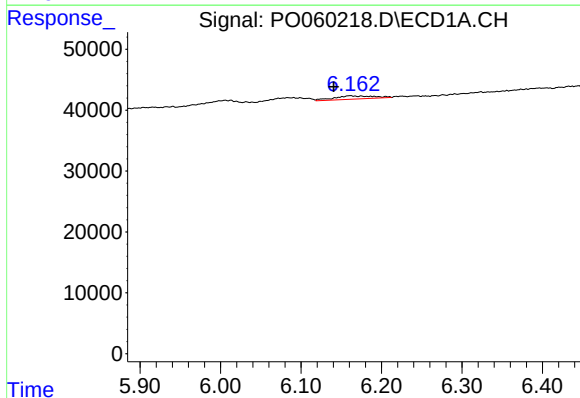
R.T.: 5.541 min  
Delta R.T.: 0.001 min  
Response: 2952  
Conc: 2.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



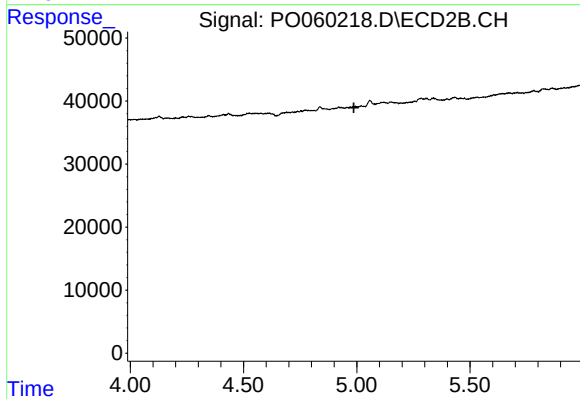
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 4.779 min  
Response: 0  
Conc: N.D.



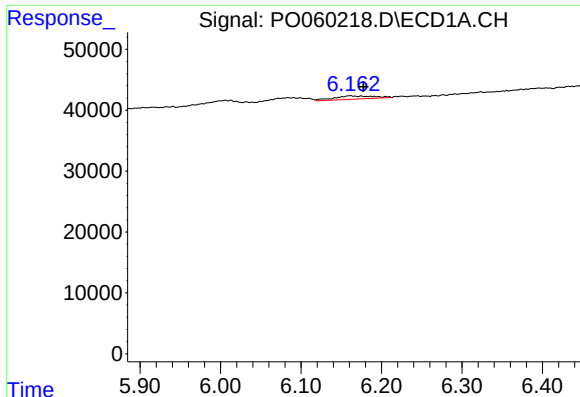
#24 AR-1248-4

R.T.: 6.161 min  
Delta R.T.: 0.021 min  
Response: 18070  
Conc: 8.84 ng/ml



#24 AR-1248-4

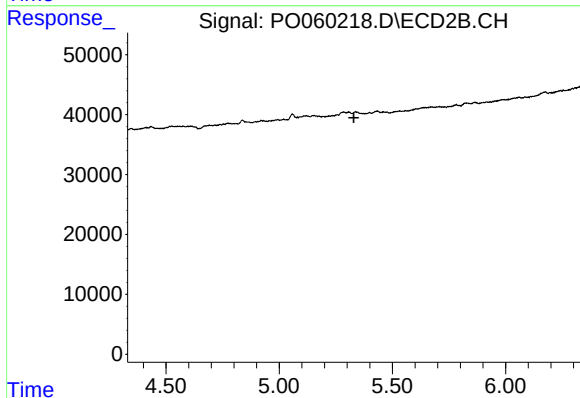
R.T.: 0.000 min  
Exp R.T. : 4.987 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

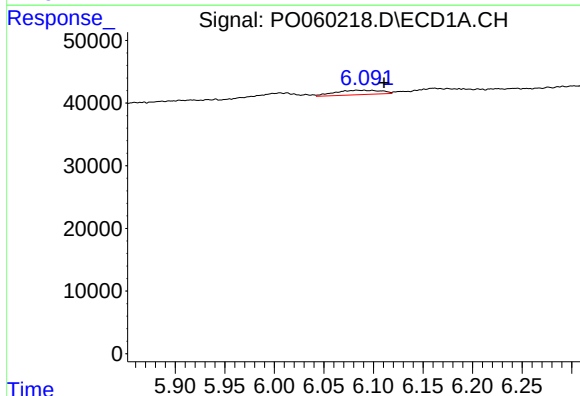
R.T.: 6.161 min  
Delta R.T.: -0.016 min  
Response: 18070  
Conc: 9.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



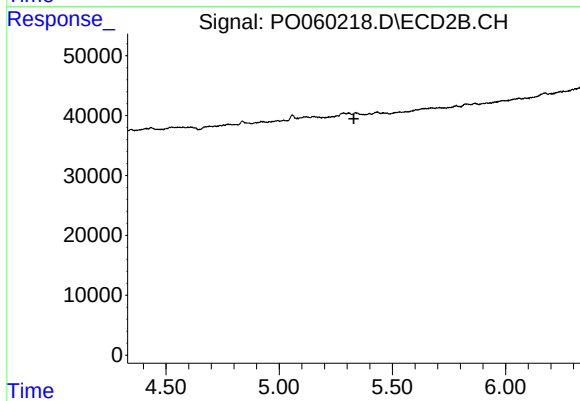
#25 AR-1248-5

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



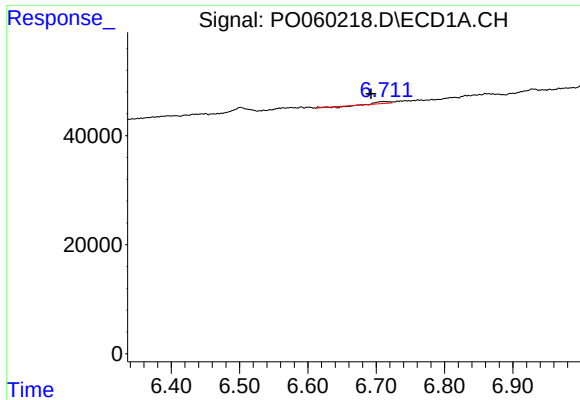
#26 AR-1254-1

R.T.: 6.085 min  
Delta R.T.: -0.025 min  
Response: 22670  
Conc: 10.87 ng/ml



#26 AR-1254-1

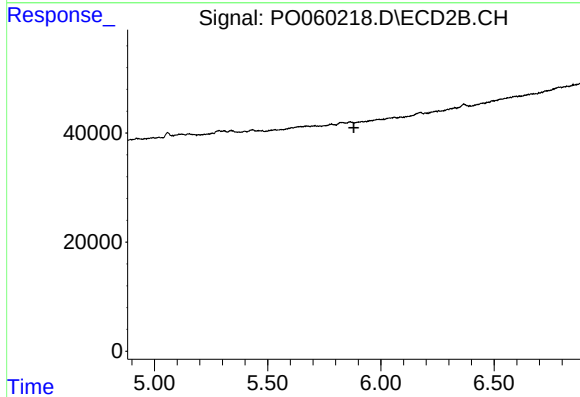
R.T.: 0.000 min  
Exp R.T. : 5.330 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

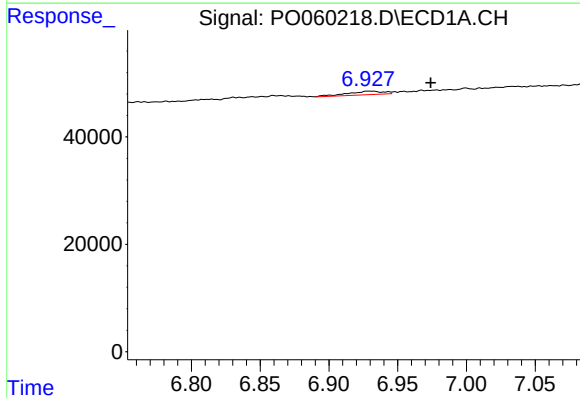
R.T.: 6.711 min  
Delta R.T.: 0.019 min  
Response: 3748  
Conc: 1.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



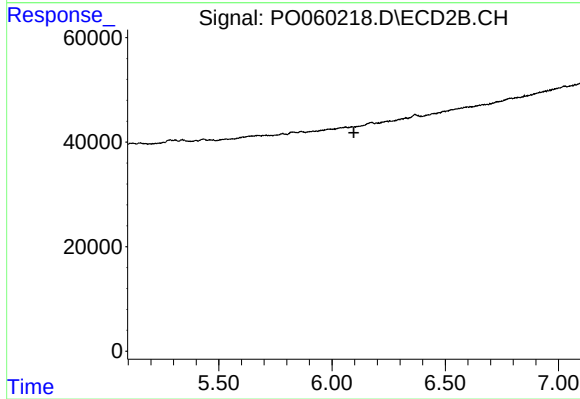
#28 AR-1254-3

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



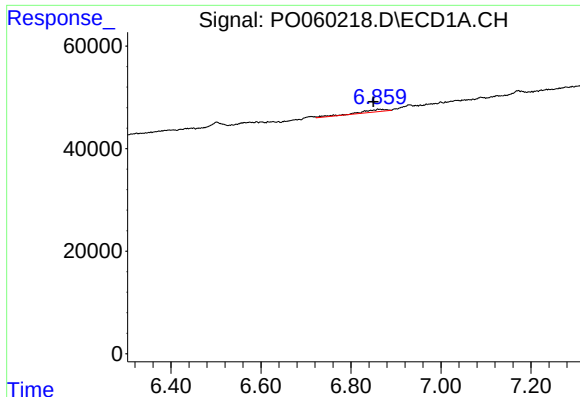
#29 AR-1254-4

R.T.: 6.930 min  
Delta R.T.: -0.044 min  
Response: 11818  
Conc: 4.01 ng/ml



#29 AR-1254-4

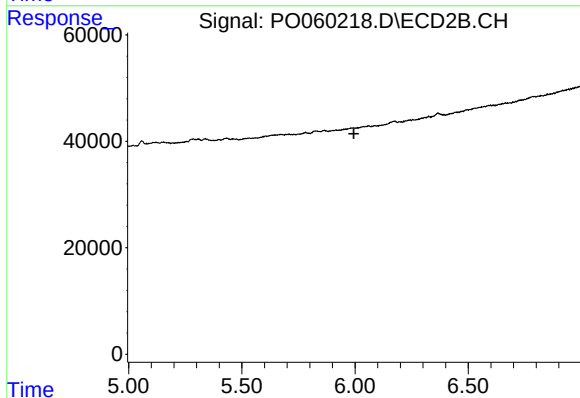
R.T.: 0.000 min  
Exp R.T. : 6.097 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

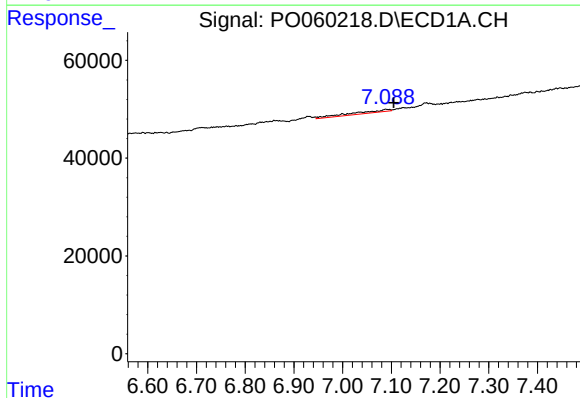
R.T.: 6.862 min  
Delta R.T.: 0.013 min  
Response: 20457  
Conc: 7.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



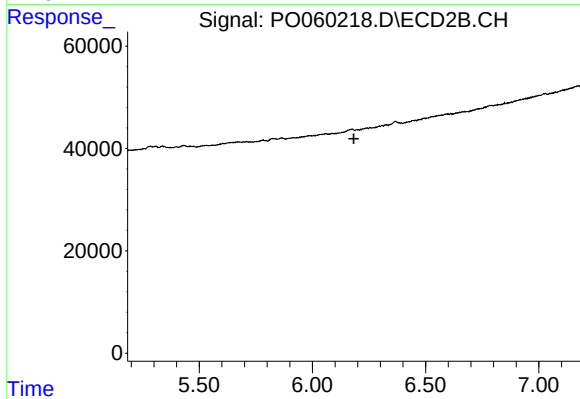
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 5.995 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

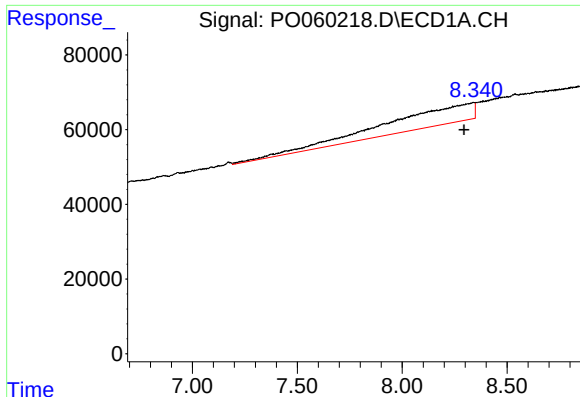
R.T.: 7.090 min  
Delta R.T.: -0.016 min  
Response: 27232  
Conc: 7.34 ng/ml



#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 6.183 min  
Response: 0  
Conc: N.D.

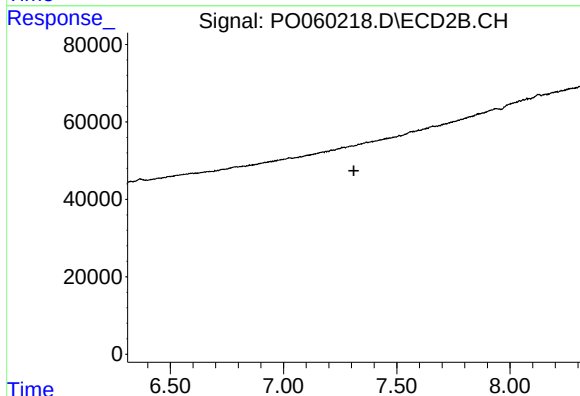




#38 AR-1262-3

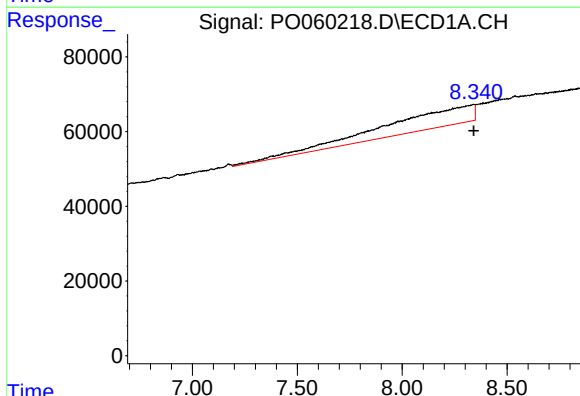
R.T.: 8.341 min  
Delta R.T.: 0.046 min  
Response: 1580648  
Conc: 309.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



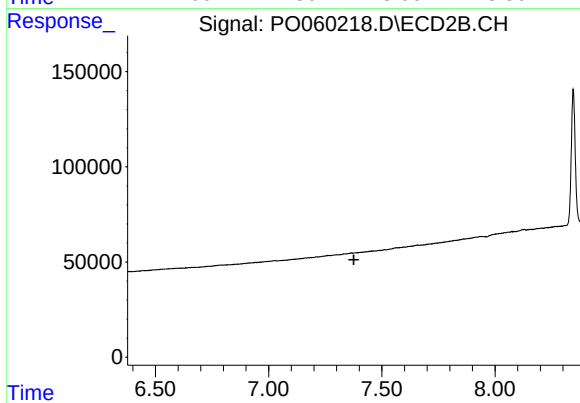
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 7.310 min  
Response: 0  
Conc: N.D.



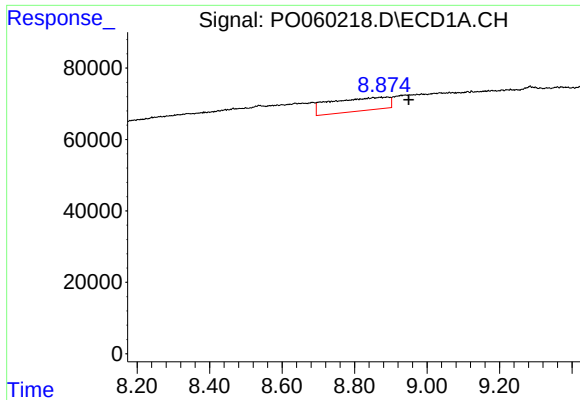
#39 AR-1262-4

R.T.: 8.341 min  
Delta R.T.: 0.000 min  
Response: 1580648  
Conc: 410.05 ng/ml



#39 AR-1262-4

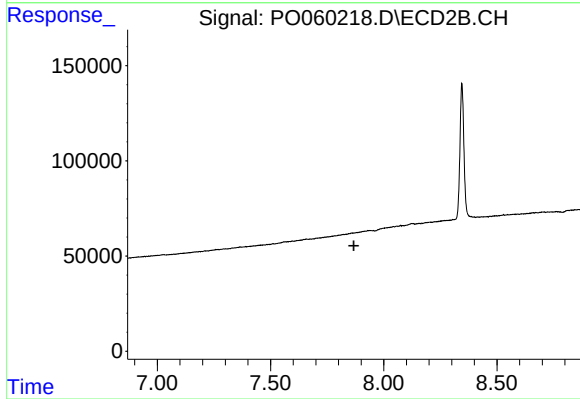
R.T.: 0.000 min  
Exp R.T. : 7.376 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

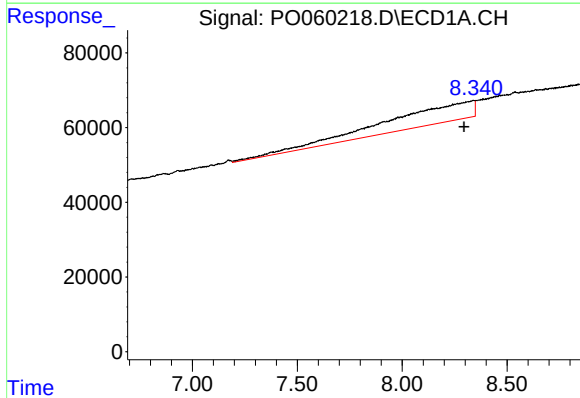
R.T.: 8.890 min  
Delta R.T.: -0.059 min  
Response: 415147  
Conc: 161.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



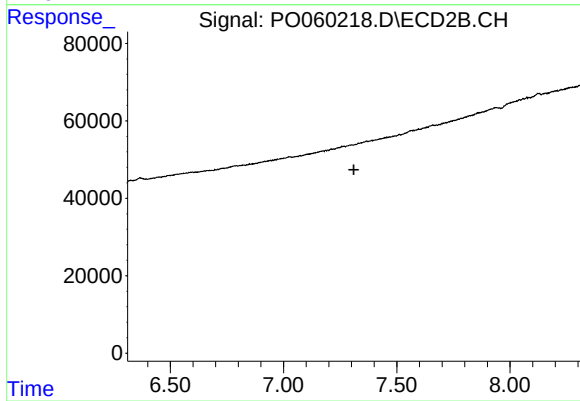
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 7.868 min  
Response: 0  
Conc: N.D.



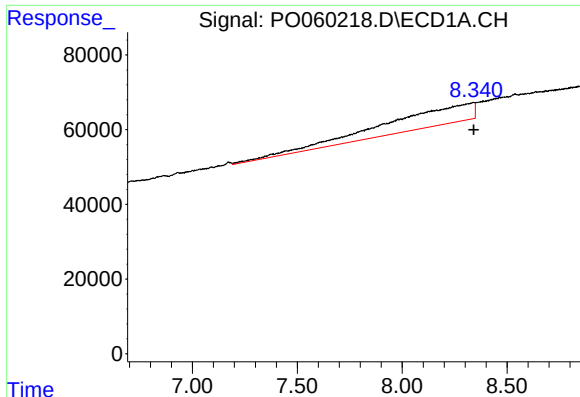
#41 AR-1268-1

R.T.: 8.341 min  
Delta R.T.: 0.046 min  
Response: 1580648  
Conc: 167.96 ng/ml



#41 AR-1268-1

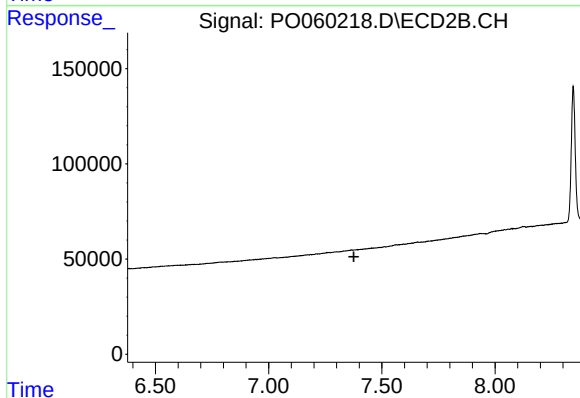
R.T.: 0.000 min  
Exp R.T. : 7.310 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

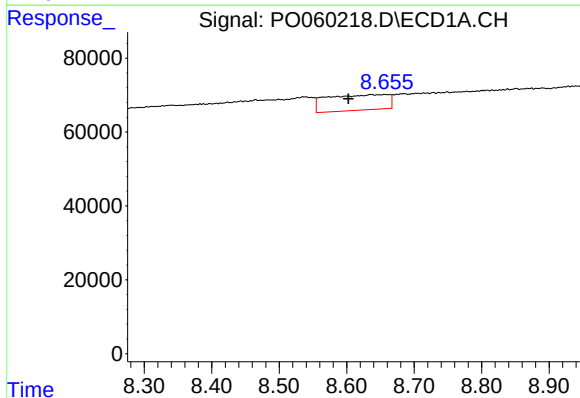
R.T.: 8.341 min  
Delta R.T.: 0.000 min  
Response: 1580648  
Conc: 200.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



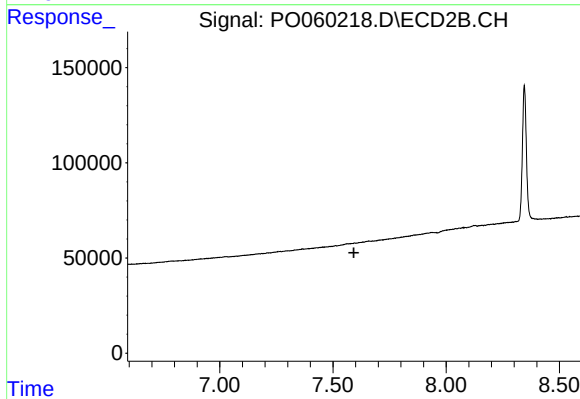
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.376 min  
Response: 0  
Conc: N.D.



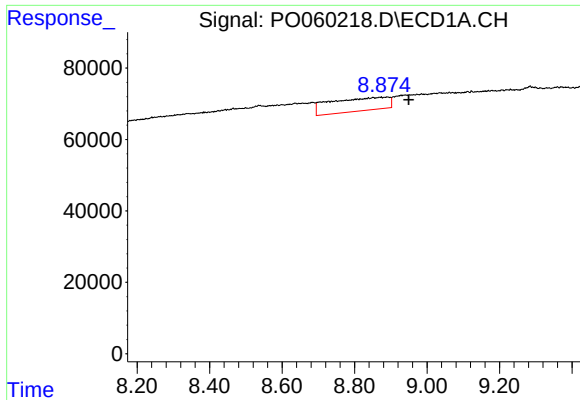
#43 AR-1268-3

R.T.: 8.658 min  
Delta R.T.: 0.056 min  
Response: 264804  
Conc: 37.57 ng/ml



#43 AR-1268-3

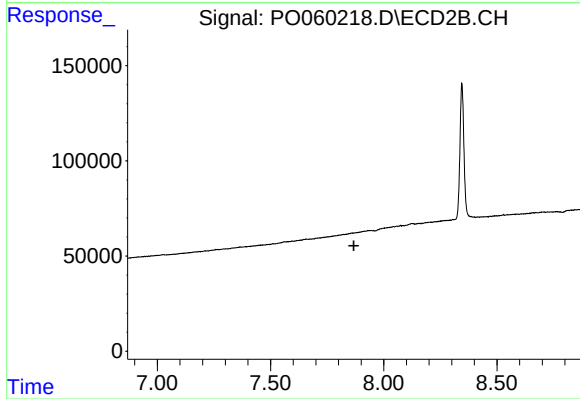
R.T.: 0.000 min  
Exp R.T. : 7.592 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

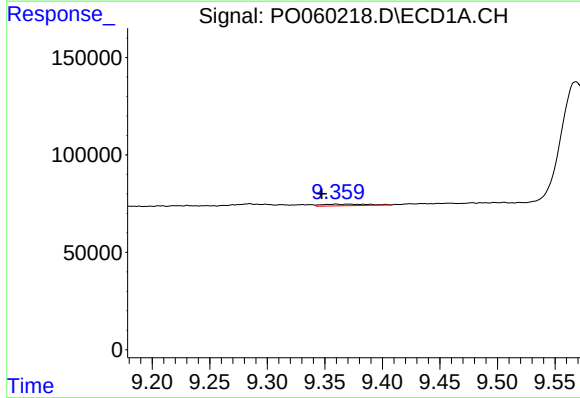
R.T.: 8.890 min  
Delta R.T.: -0.059 min  
Response: 415147  
Conc: 149.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



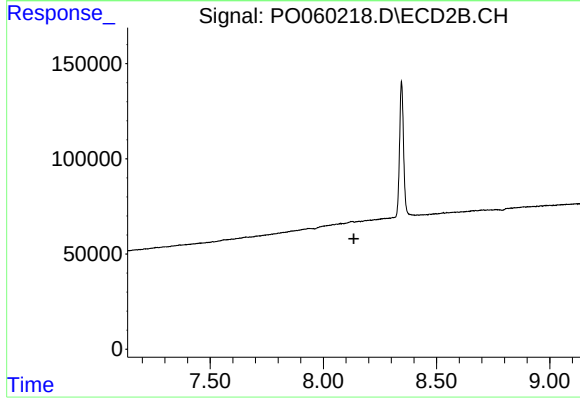
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 7.868 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.359 min  
Delta R.T.: 0.012 min  
Response: 22352  
Conc: 1.21 ng/ml



#45 AR-1268-5

R.T.: 8.129 min  
Delta R.T.: -0.005 min  
Response: -2240195  
Conc: N.D.