

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0080719\  
 Data File : P0059018.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 08 Aug 2019 1:48  
 Operator : SM/SJ  
 Sample : K4208-01  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 SB-03(13-14)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 08 08:33:42 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... | 4.154 | 3.516 | 832943 | 747472 | 19.737 | 18.710    |
| 2)                          | SA Decachlor... | 9.660 | 8.396 | 921756 | 651611 | 17.021 | 16.508    |
|                             |                 |       |       |        |        |        |           |
| Target Compounds            |                 |       |       |        |        |        |           |
| 3)                          | L1 AR-1016-1    | 5.386 | 0.000 | 3311   | 0      | 1.767  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 5.386 | 0.000 | 3311   | 0      | 1.203  | N.D. #    |
| 5)                          | L1 AR-1016-3    | 5.424 | 0.000 | 4207   | 0      | 2.478  | N.D. #    |
| 6)                          | L1 AR-1016-4    | 5.544 | 0.000 | 897    | 0      | 0.641  | N.D. #    |
| 7)                          | L1 AR-1016-5    | 5.819 | 5.086 | 2228   | 223601 | 1.555  | 181.578 # |
| 8)                          | L2 AR-1221-1    | 4.456 | 0.000 | 10860  | 0      | 23.907 | N.D. #    |
| 9)                          | L2 AR-1221-2    | 4.456 | 0.000 | 10860  | 0      | 31.499 | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.064 | 0.000 | 572    | 0      | 1.162  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 5.386 | 0.000 | 3311   | 0      | 3.092  | N.D. #    |
| 14)                         | L3 AR-1232-4    | 5.544 | 0.000 | 897    | 0      | 1.682  | N.D. #    |
| 15)                         | L3 AR-1232-5    | 5.592 | 5.086 | 3563   | 223601 | 8.732  | 507.896 # |
| 16)                         | L4 AR-1242-1    | 5.386 | 0.000 | 3311   | 0      | 2.586  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 5.386 | 0.000 | 3311   | 0      | 1.750  | N.D. #    |
| 18)                         | L4 AR-1242-3    | 5.424 | 0.000 | 4207   | 0      | 3.587  | N.D. #    |
| 19)                         | L4 AR-1242-4    | 5.544 | 0.000 | 897    | 0      | 0.933  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 6.233 | 0.000 | 758    | 0      | 0.646  | N.D. #    |
| 21)                         | L5 AR-1248-1    | 5.386 | 0.000 | 3311   | 0      | 3.275  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 5.592 | 0.000 | 3563   | 0      | 2.465  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 5.819 | 0.000 | 2228   | 0      | 1.356  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.220 | 5.086 | 3834   | 223601 | 1.893  | 160.060 # |
| 25)                         | L5 AR-1248-5    | 6.233 | 0.000 | 758    | 0      | 0.393  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.159 | 0.000 | 6366   | 0      | 2.696  | N.D. #    |
| 27)                         | L6 AR-1254-2    | 6.366 | 0.000 | 6363   | 0      | 1.651  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 6.783 | 0.000 | 12097  | 0      | 2.987  | N.D. #    |
| 29)                         | L6 AR-1254-4    | 7.033 | 0.000 | 24721  | 0      | 6.866  | N.D. #    |
| 30)                         | L6 AR-1254-5    | 7.473 | 0.000 | 36792  | 0      | 10.150 | N.D. #    |
| 31)                         | L7 AR-1260-1    | 6.868 | 0.000 | 6381   | 0      | 2.216  | N.D. #    |
| 33)                         | L7 AR-1260-3    | 7.563 | 0.000 | 18711  | 0      | 5.025  | N.D. #    |
| 34)                         | L7 AR-1260-4    | 7.736 | 0.000 | 25959  | 0      | 7.617  | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.035 | 0.000 | 26733  | 0      | 3.635  | N.D. #    |
| 36)                         | L8 AR-1262-1    | 7.563 | 0.000 | 18711  | 0      | 3.712  | N.D. #    |
| 37)                         | L8 AR-1262-2    | 8.035 | 0.000 | 26733  | 0      | 3.359  | N.D. #    |
| 38)                         | L8 AR-1262-3    | 8.341 | 0.000 | 17264  | 0      | 3.396  | N.D. #    |
| 41)                         | L9 AR-1268-1    | 8.341 | 0.000 | 17264  | 0      | 1.546  | N.D. #    |
| 43)                         | L9 AR-1268-3    | 8.611 | 0.000 | 39086  | 0      | 4.733  | N.D. #    |
| 45)                         | L9 AR-1268-5    | 9.362 | 0.000 | 20658  | 0      | 0.962  | N.D. #    |
| -----                       |                 |       |       |        |        |        |           |

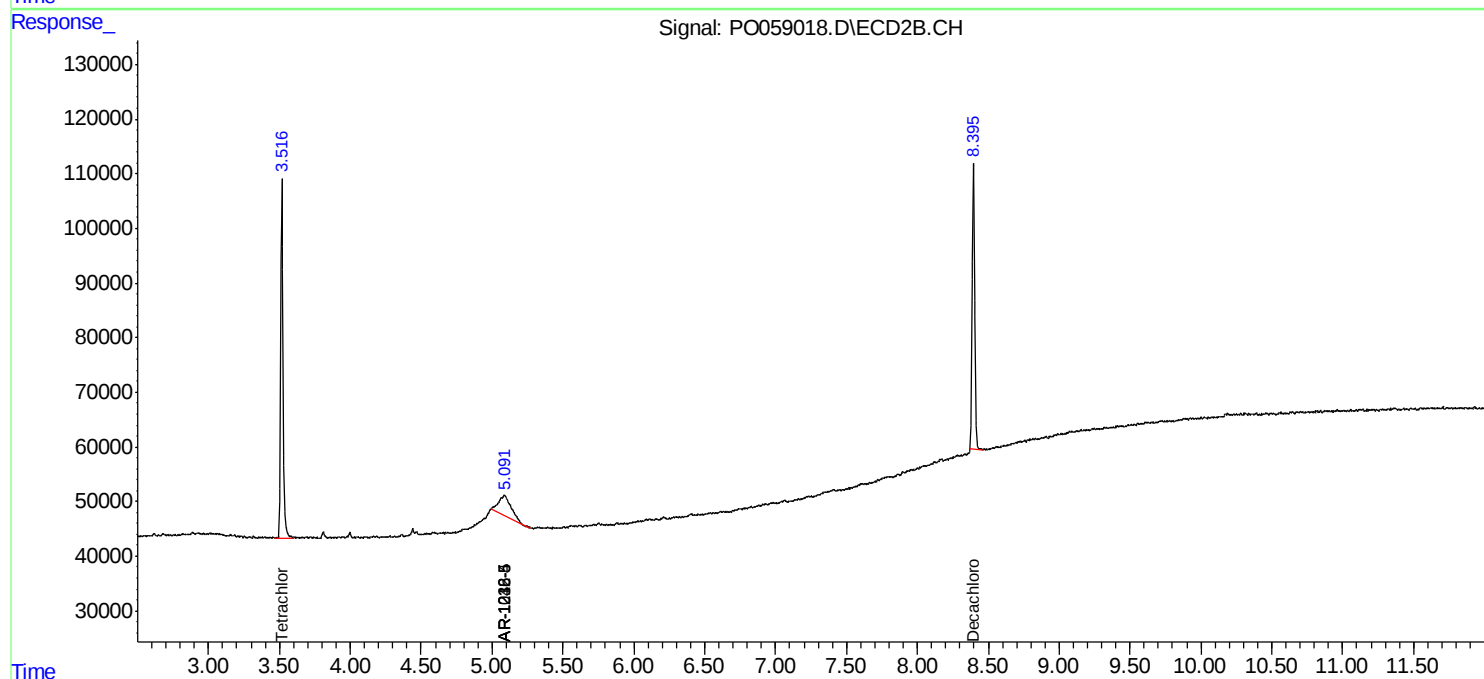
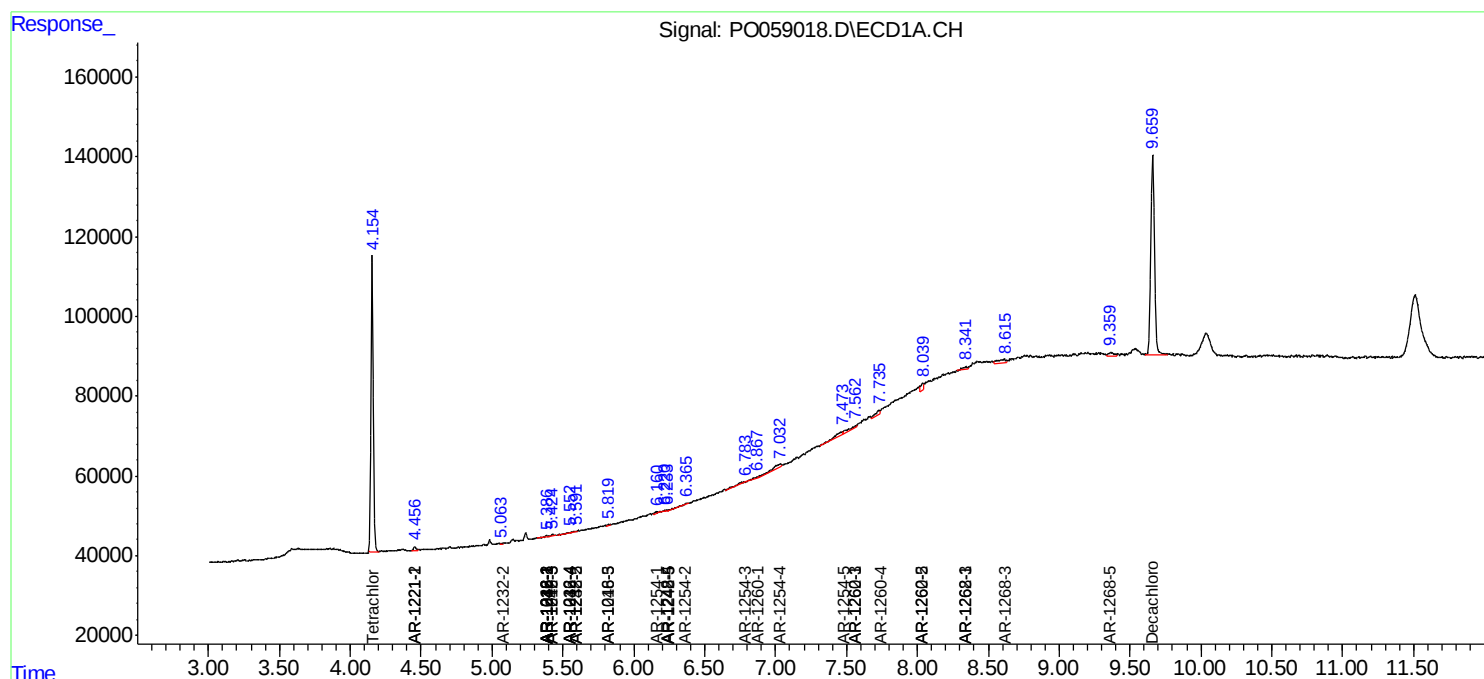
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

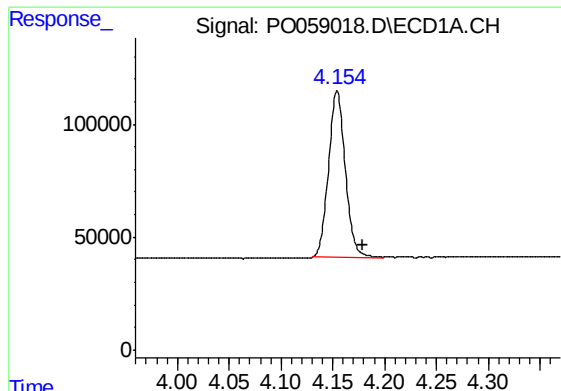
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO080719\  
Data File : PO059018.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 08 Aug 2019 1:48  
Operator : SM/SJ  
Sample : K4208-01  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
SB-03(13-14)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 08 08:33:42 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

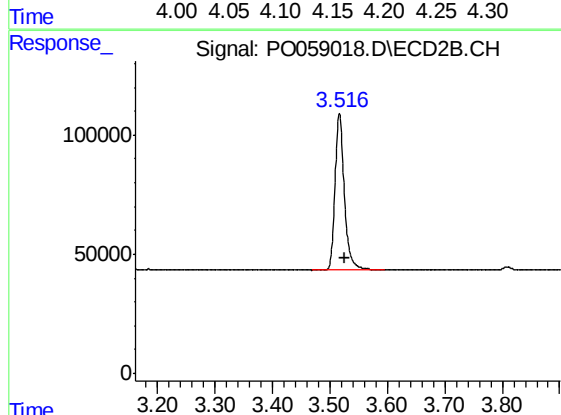




#1 Tetrachloro-m-xylene

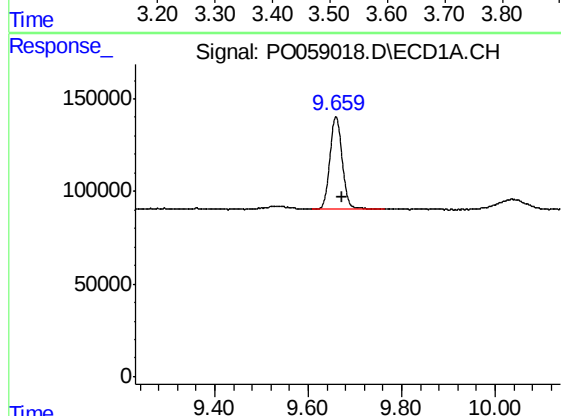
R.T.: 4.154 min  
Delta R.T.: -0.025 min  
Response: 832943  
Conc: 19.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



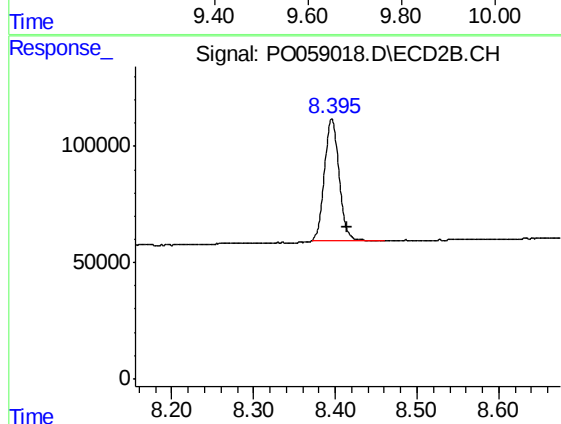
#1 Tetrachloro-m-xylene

R.T.: 3.516 min  
Delta R.T.: -0.008 min  
Response: 747472  
Conc: 18.71 ng/ml



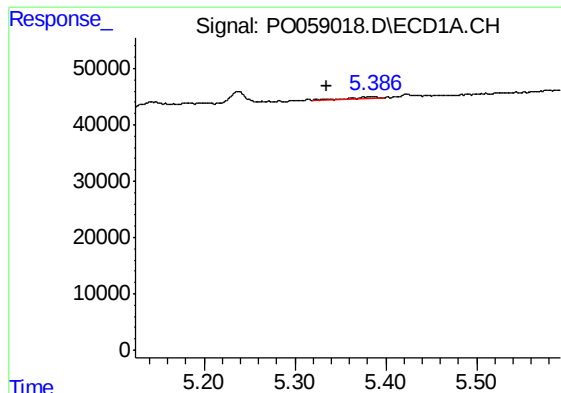
#2 Decachlorobiphenyl

R.T.: 9.660 min  
Delta R.T.: -0.013 min  
Response: 921756  
Conc: 17.02 ng/ml



#2 Decachlorobiphenyl

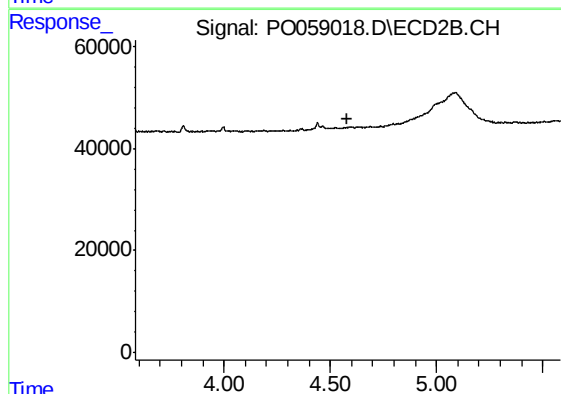
R.T.: 8.396 min  
Delta R.T.: -0.018 min  
Response: 651611  
Conc: 16.51 ng/ml



#3 AR-1016-1

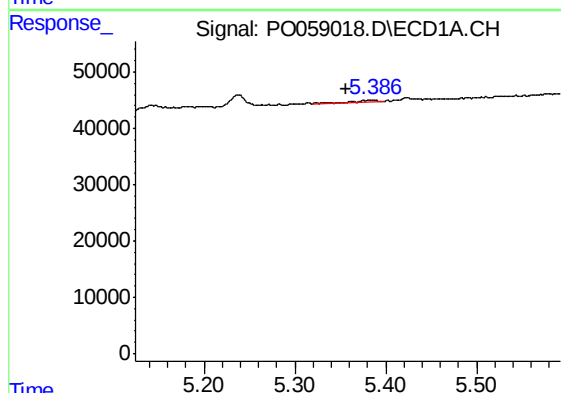
R.T.: 5.386 min  
Delta R.T.: 0.051 min  
Response: 3311  
Conc: 1.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



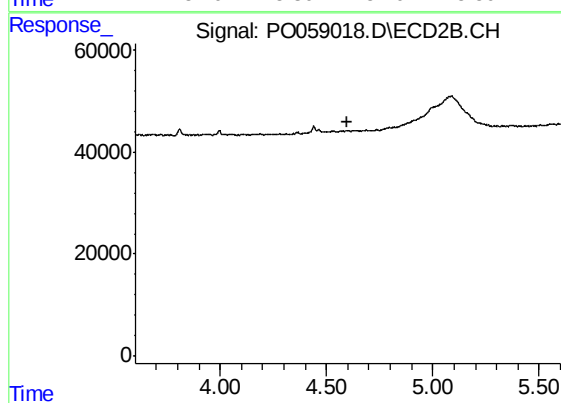
#3 AR-1016-1

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



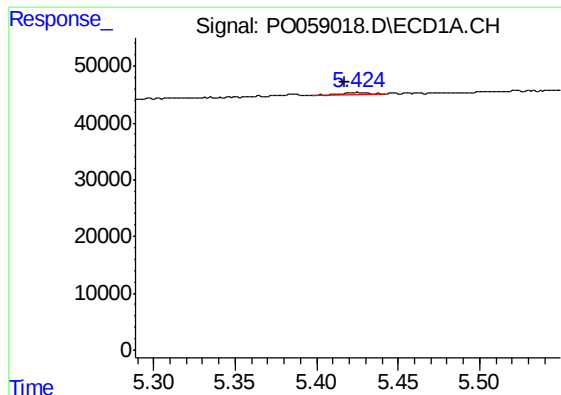
#4 AR-1016-2

R.T.: 5.386 min  
Delta R.T.: 0.029 min  
Response: 3311  
Conc: 1.20 ng/ml



#4 AR-1016-2

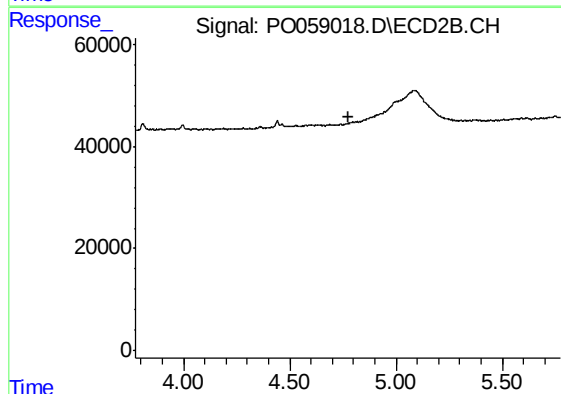
R.T.: 0.000 min  
Exp R.T. : 4.601 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

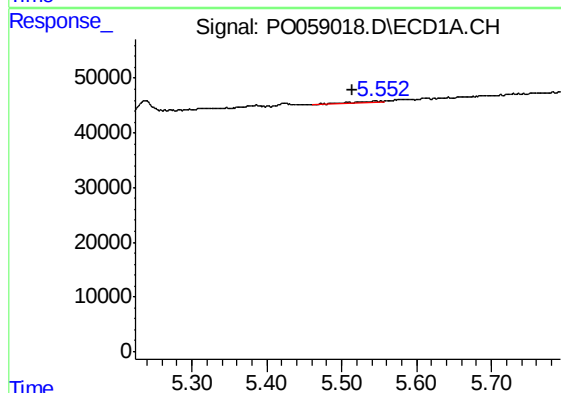
R.T.: 5.424 min  
Delta R.T.: 0.007 min  
Response: 4207  
Conc: 2.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



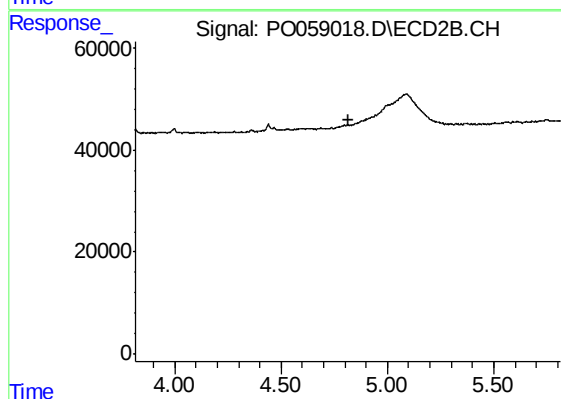
#5 AR-1016-3

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



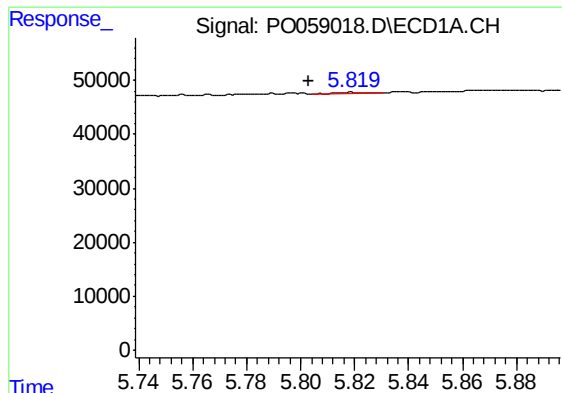
#6 AR-1016-4

R.T.: 5.544 min  
Delta R.T.: 0.029 min  
Response: 897  
Conc: 0.64 ng/ml



#6 AR-1016-4

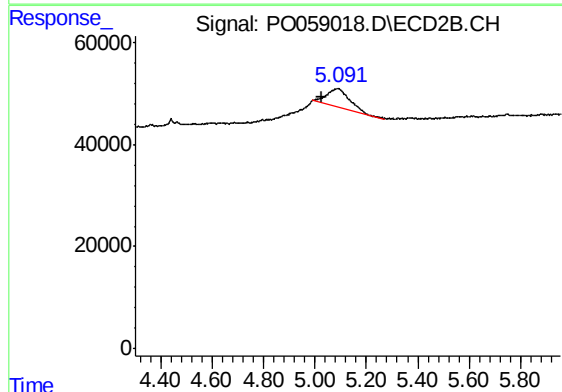
R.T.: 0.000 min  
Exp R.T. : 4.815 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

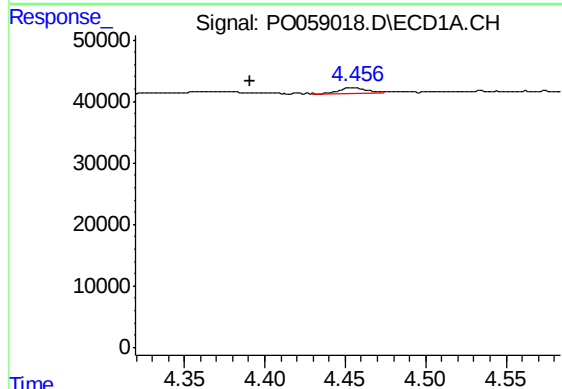
R.T.: 5.819 min  
Delta R.T.: 0.016 min  
Response: 2228  
Conc: 1.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



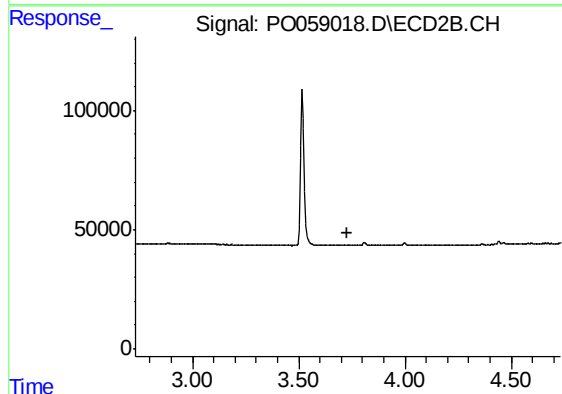
#7 AR-1016-5

R.T.: 5.086 min  
Delta R.T.: 0.062 min  
Response: 223601  
Conc: 181.58 ng/ml



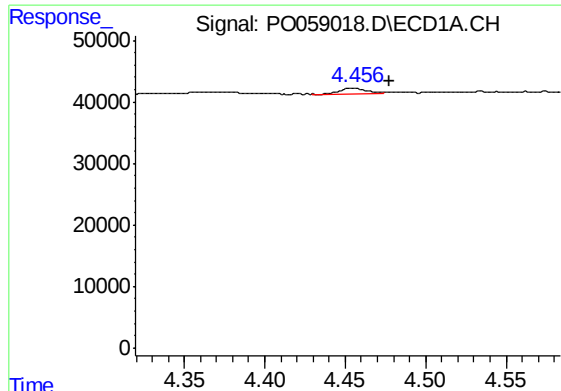
#8 AR-1221-1

R.T.: 4.456 min  
Delta R.T.: 0.065 min  
Response: 10860  
Conc: 23.91 ng/ml



#8 AR-1221-1

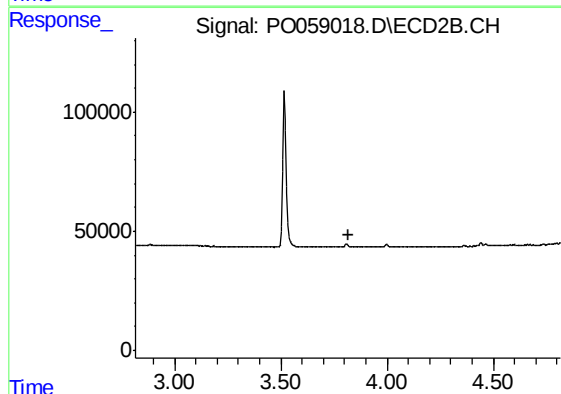
R.T.: 0.000 min  
Exp R.T. : 3.732 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

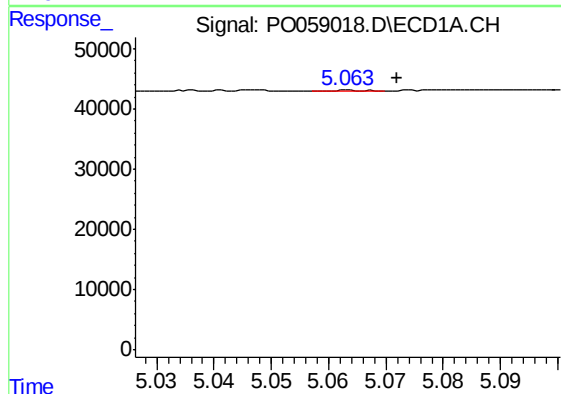
R.T.: 4.456 min  
Delta R.T.: -0.021 min  
Response: 10860  
Conc: 31.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



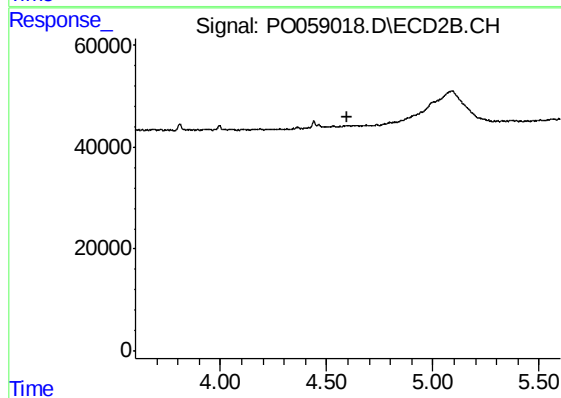
#9 AR-1221-2

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



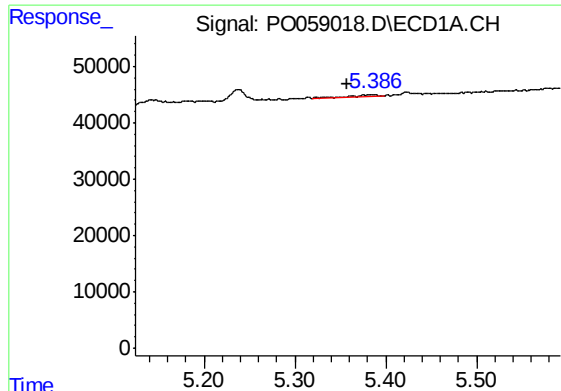
#12 AR-1232-2

R.T.: 5.064 min  
Delta R.T.: -0.008 min  
Response: 572  
Conc: 1.16 ng/ml



#12 AR-1232-2

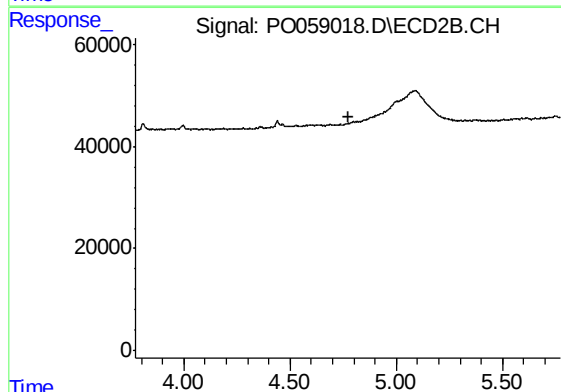
R.T.: 0.000 min  
Exp R.T. : 4.600 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

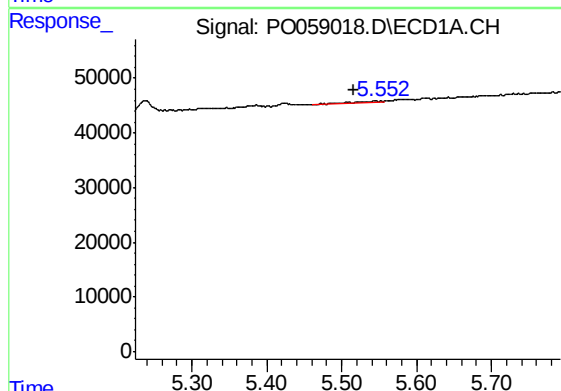
R.T.: 5.386 min  
Delta R.T.: 0.029 min  
Response: 3311  
Conc: 3.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



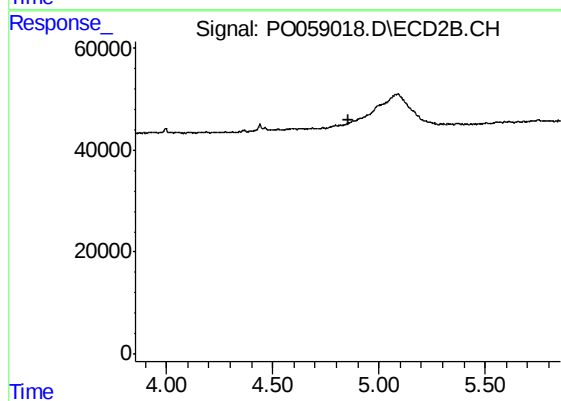
#13 AR-1232-3

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



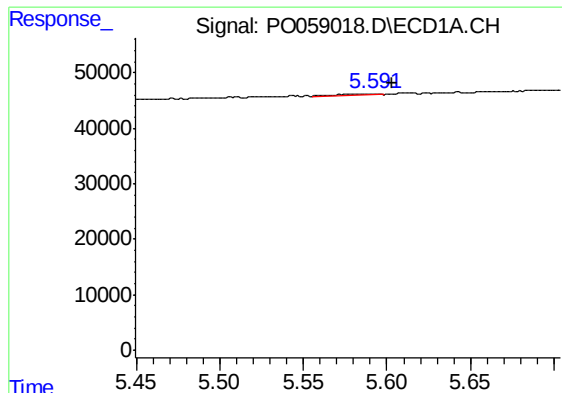
#14 AR-1232-4

R.T.: 5.544 min  
Delta R.T.: 0.028 min  
Response: 897  
Conc: 1.68 ng/ml



#14 AR-1232-4

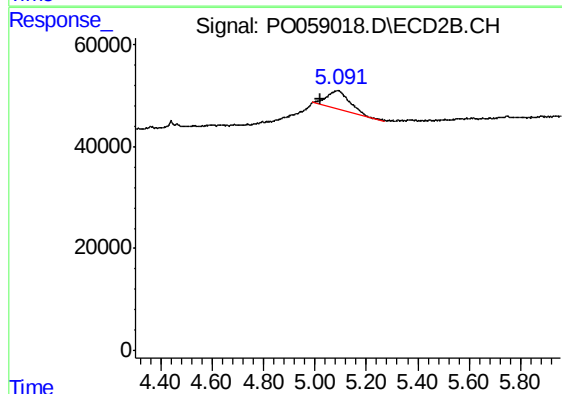
R.T.: 0.000 min  
Exp R.T. : 4.854 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

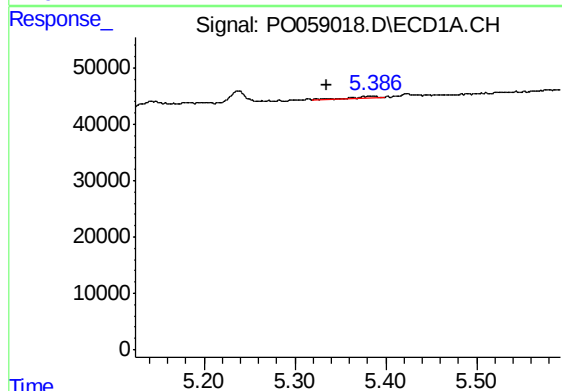
R.T.: 5.592 min  
Delta R.T.: -0.011 min  
Response: 3563  
Conc: 8.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



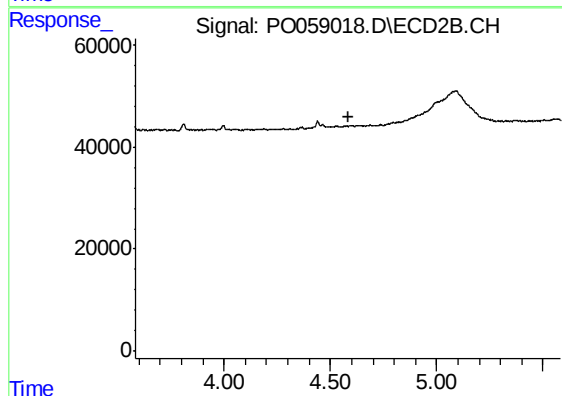
#15 AR-1232-5

R.T.: 5.086 min  
Delta R.T.: 0.062 min  
Response: 223601  
Conc: 507.90 ng/ml



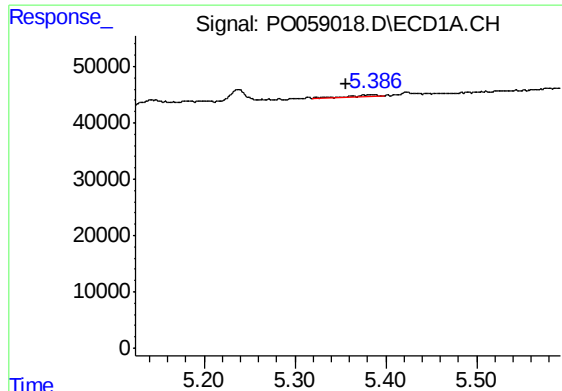
#16 AR-1242-1

R.T.: 5.386 min  
Delta R.T.: 0.051 min  
Response: 3311  
Conc: 2.59 ng/ml



#16 AR-1242-1

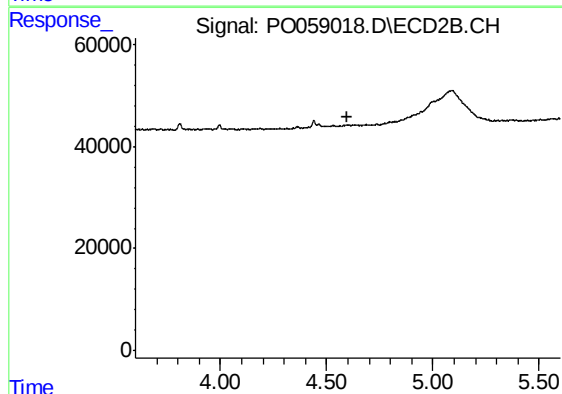
R.T.: 0.000 min  
Exp R.T. : 4.583 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

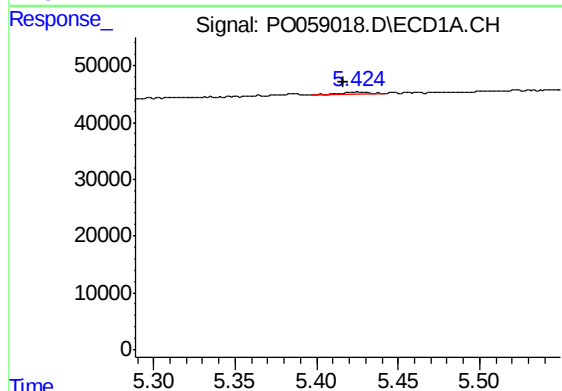
R.T.: 5.386 min  
Delta R.T.: 0.030 min  
Response: 3311  
Conc: 1.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



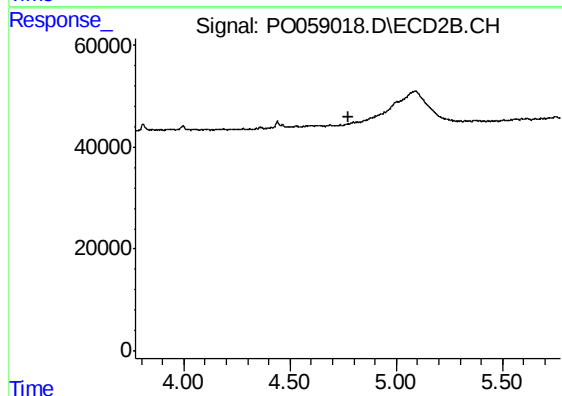
#17 AR-1242-2

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



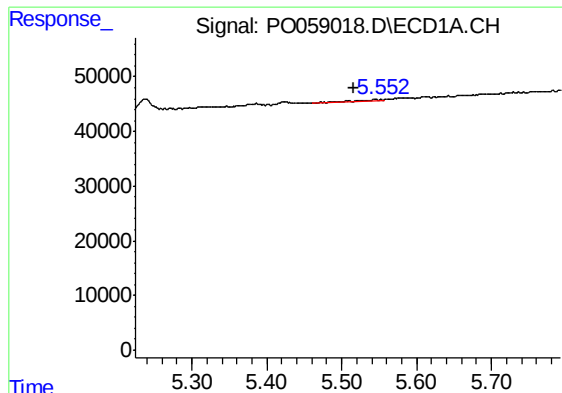
#18 AR-1242-3

R.T.: 5.424 min  
Delta R.T.: 0.007 min  
Response: 4207  
Conc: 3.59 ng/ml



#18 AR-1242-3

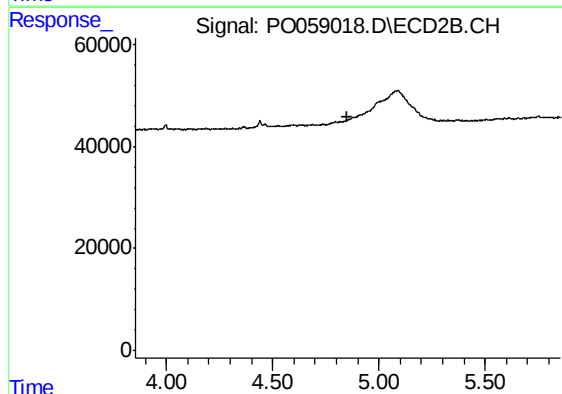
R.T.: 0.000 min  
Exp R.T. : 4.773 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

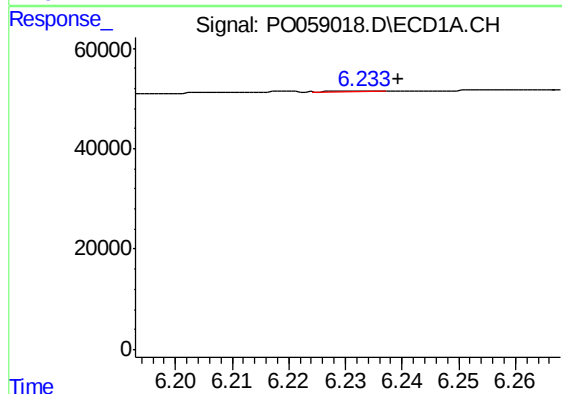
R.T.: 5.544 min  
Delta R.T.: 0.029 min  
Response: 897  
Conc: 0.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



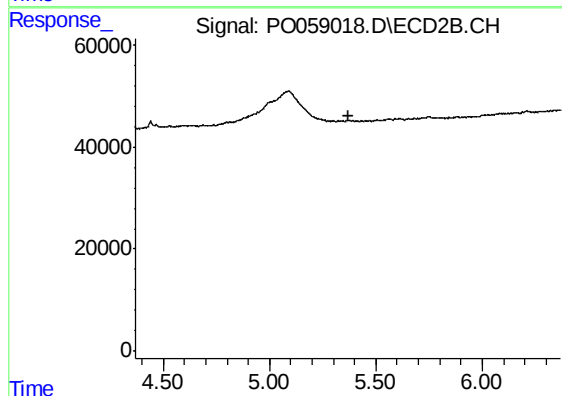
#19 AR-1242-4

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



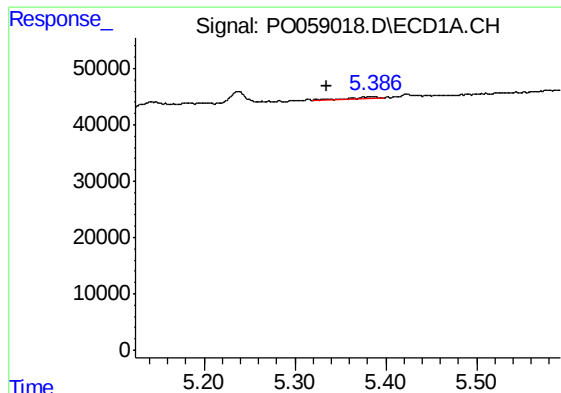
#20 AR-1242-5

R.T.: 6.233 min  
Delta R.T.: -0.006 min  
Response: 758  
Conc: 0.65 ng/ml



#20 AR-1242-5

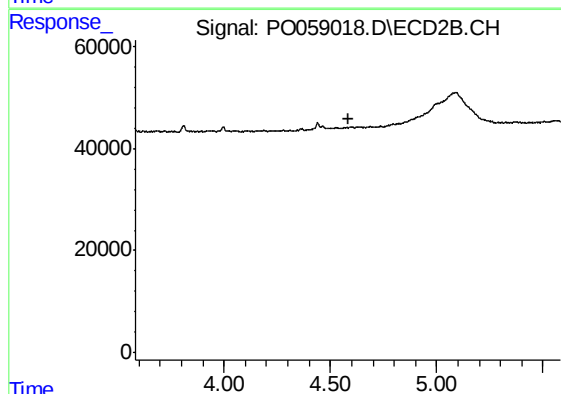
R.T.: 0.000 min  
Exp R.T. : 5.368 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

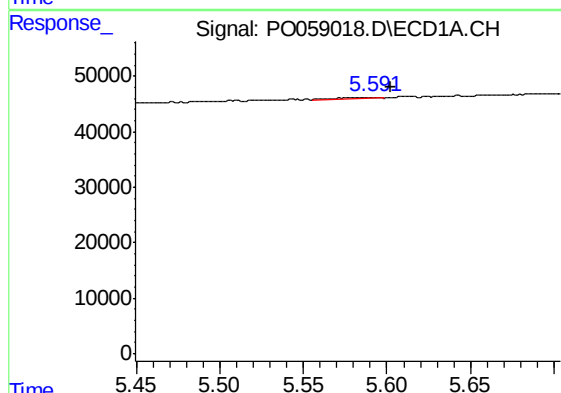
R.T.: 5.386 min  
Delta R.T.: 0.051 min  
Response: 3311  
Conc: 3.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



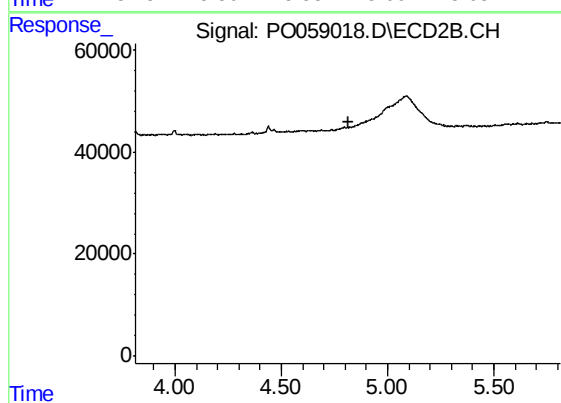
#21 AR-1248-1

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



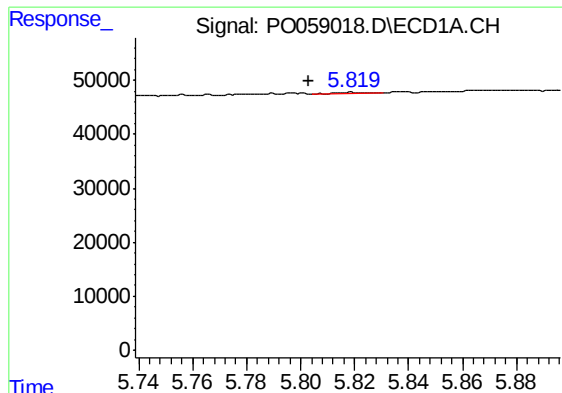
#22 AR-1248-2

R.T.: 5.592 min  
Delta R.T.: -0.010 min  
Response: 3563  
Conc: 2.46 ng/ml



#22 AR-1248-2

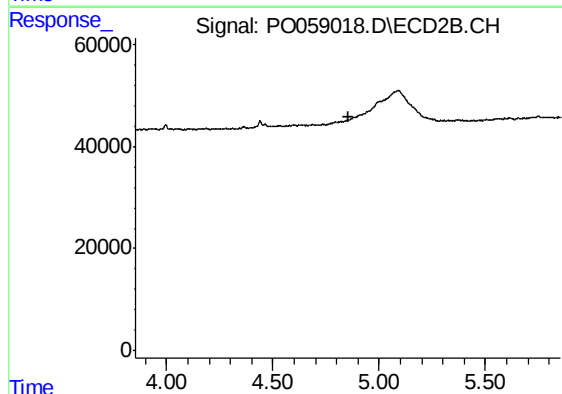
R.T.: 0.000 min  
Exp R.T. : 4.814 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

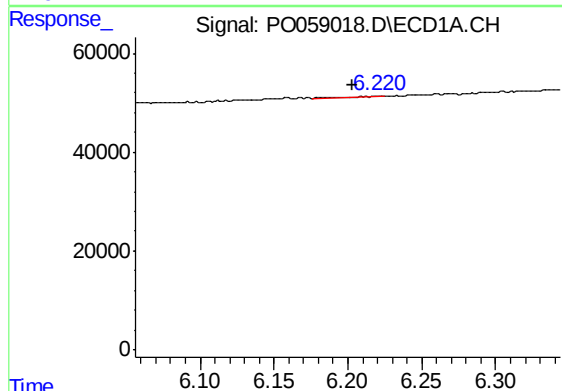
R.T.: 5.819 min  
Delta R.T.: 0.016 min  
Response: 2228  
Conc: 1.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



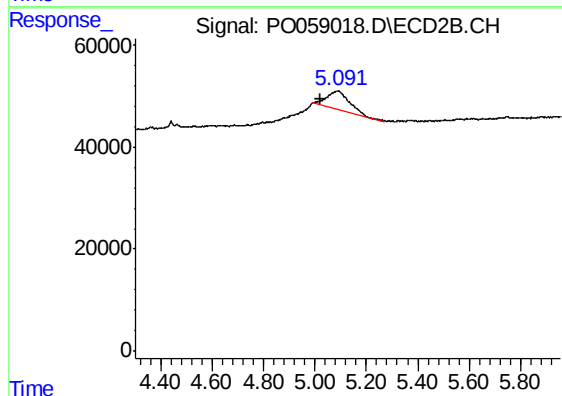
#23 AR-1248-3

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



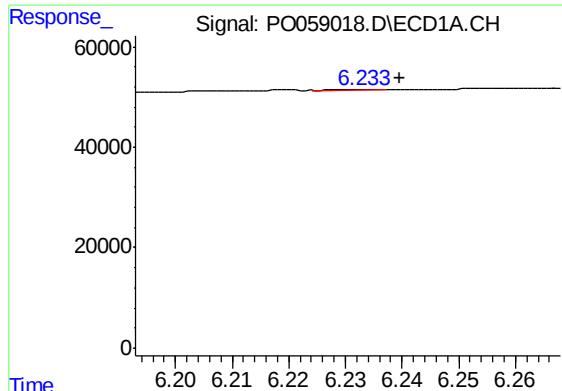
#24 AR-1248-4

R.T.: 6.220 min  
Delta R.T.: 0.017 min  
Response: 3834  
Conc: 1.89 ng/ml



#24 AR-1248-4

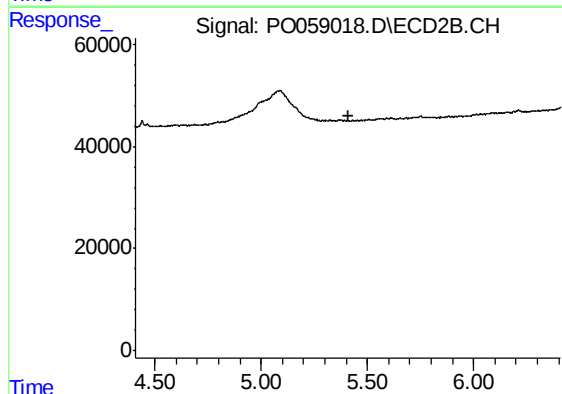
R.T.: 5.086 min  
Delta R.T.: 0.063 min  
Response: 223601  
Conc: 160.06 ng/ml



#25 AR-1248-5

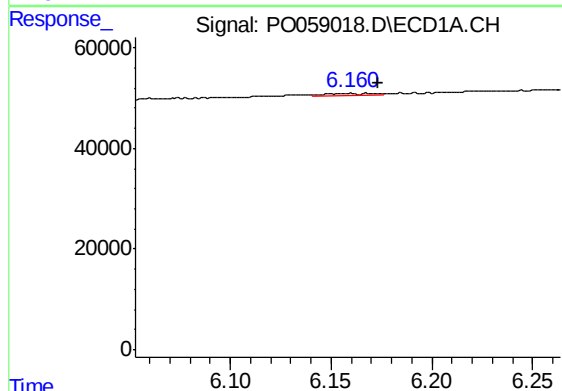
R.T.: 6.233 min  
Delta R.T.: -0.007 min  
Response: 758  
Conc: 0.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



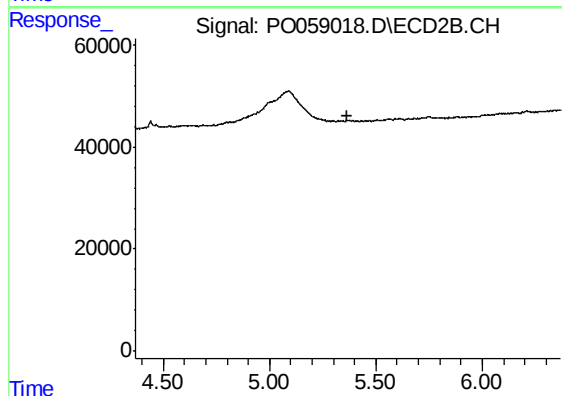
#25 AR-1248-5

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



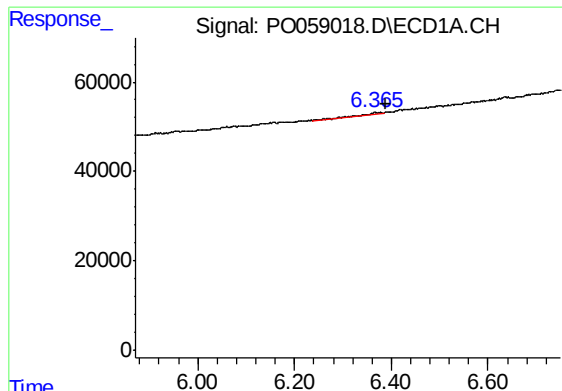
#26 AR-1254-1

R.T.: 6.159 min  
Delta R.T.: -0.014 min  
Response: 6366  
Conc: 2.70 ng/ml



#26 AR-1254-1

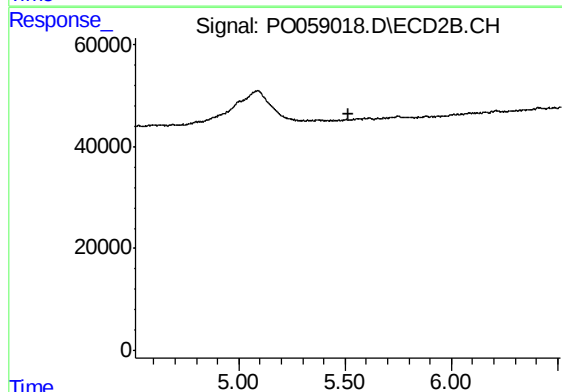
R.T.: 0.000 min  
Exp R.T. : 5.368 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

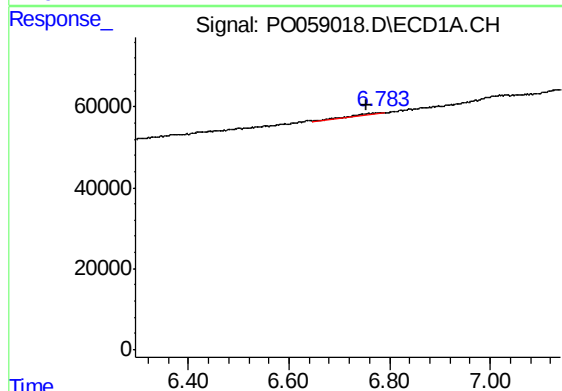
R.T.: 6.366 min  
Delta R.T.: -0.023 min  
Response: 6363  
Conc: 1.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



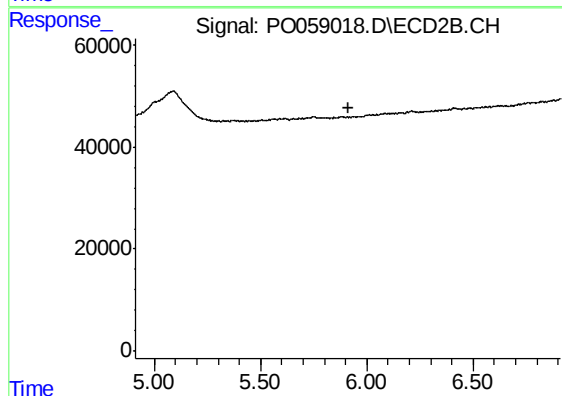
#27 AR-1254-2

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



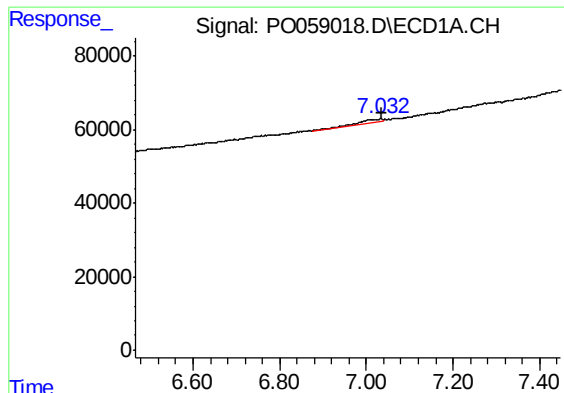
#28 AR-1254-3

R.T.: 6.783 min  
Delta R.T.: 0.029 min  
Response: 12097  
Conc: 2.99 ng/ml



#28 AR-1254-3

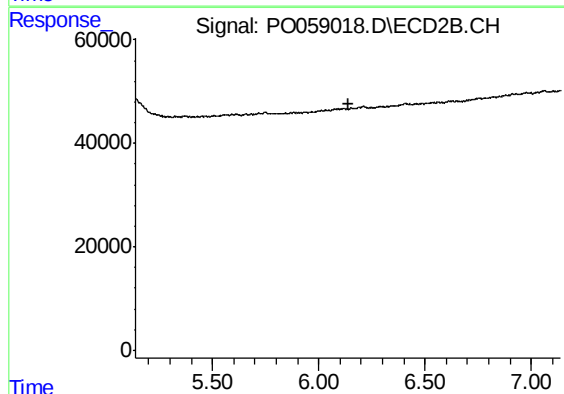
R.T.: 0.000 min  
Exp R.T. : 5.911 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

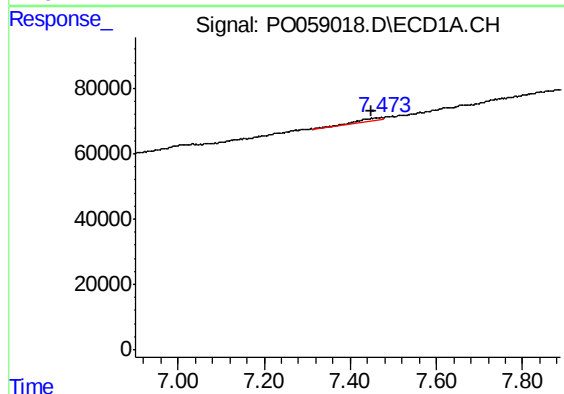
R.T.: 7.033 min  
Delta R.T.: -0.003 min  
Response: 24721  
Conc: 6.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



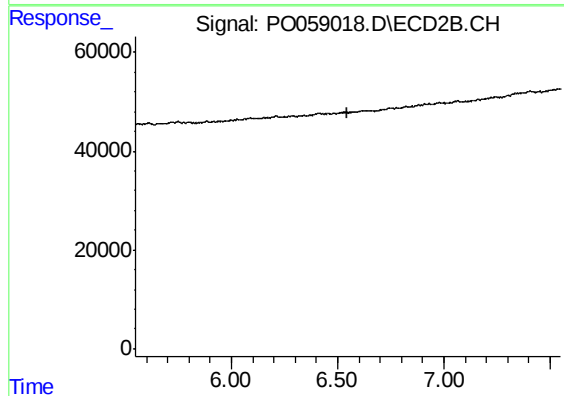
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.138 min  
Response: 0  
Conc: N.D.



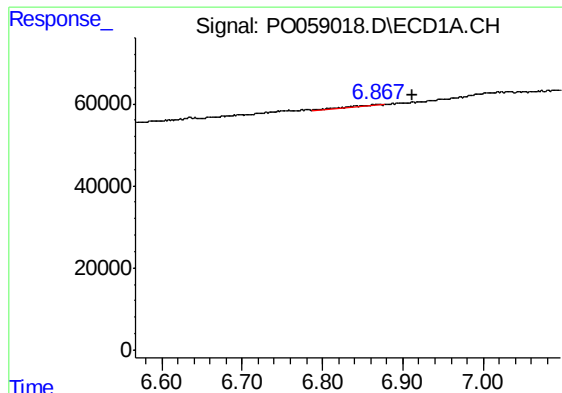
#30 AR-1254-5

R.T.: 7.473 min  
Delta R.T.: 0.022 min  
Response: 36792  
Conc: 10.15 ng/ml



#30 AR-1254-5

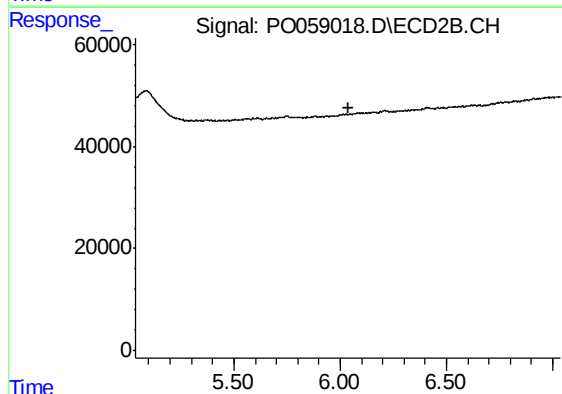
R.T.: 0.000 min  
Exp R.T. : 6.548 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

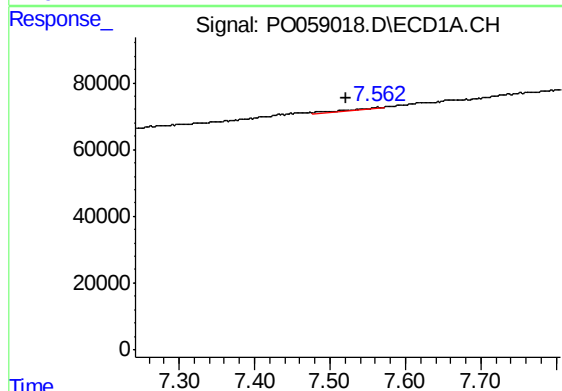
R.T.: 6.868 min  
Delta R.T.: -0.044 min  
Response: 6381  
Conc: 2.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



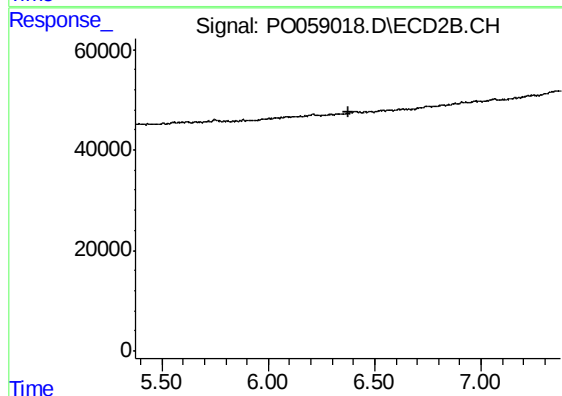
#31 AR-1260-1

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



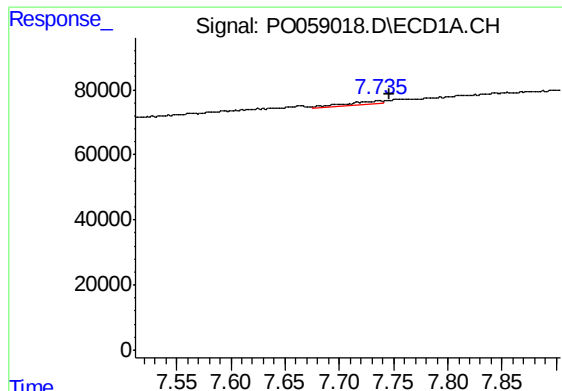
#33 AR-1260-3

R.T.: 7.563 min  
Delta R.T.: 0.042 min  
Response: 18711  
Conc: 5.02 ng/ml



#33 AR-1260-3

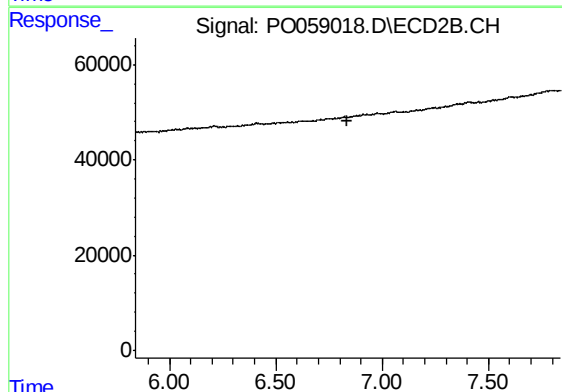
R.T.: 0.000 min  
Exp R.T. : 6.375 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

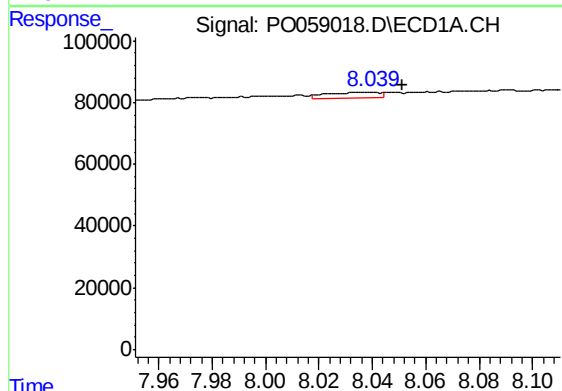
R.T.: 7.736 min  
Delta R.T.: -0.010 min  
Response: 25959  
Conc: 7.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



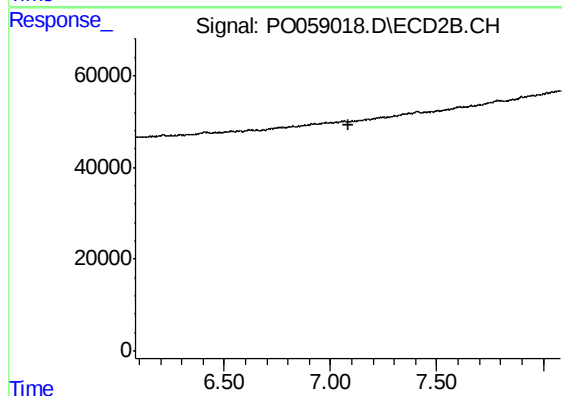
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.839 min  
Response: 0  
Conc: N.D.



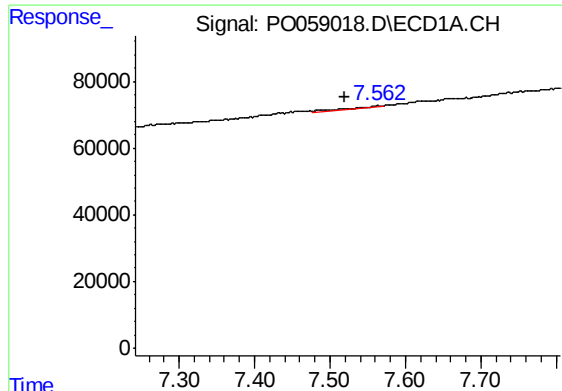
#35 AR-1260-5

R.T.: 8.035 min  
Delta R.T.: -0.016 min  
Response: 26733  
Conc: 3.63 ng/ml



#35 AR-1260-5

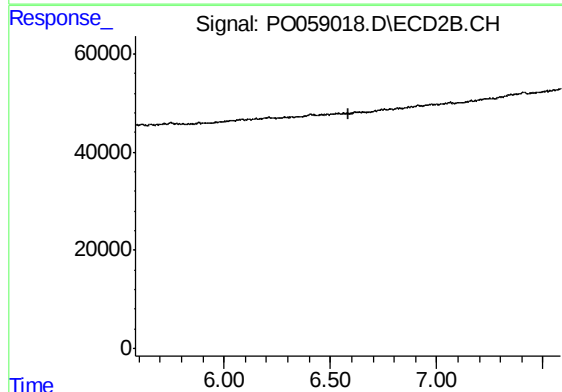
R.T.: 0.000 min  
Exp R.T. : 7.082 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

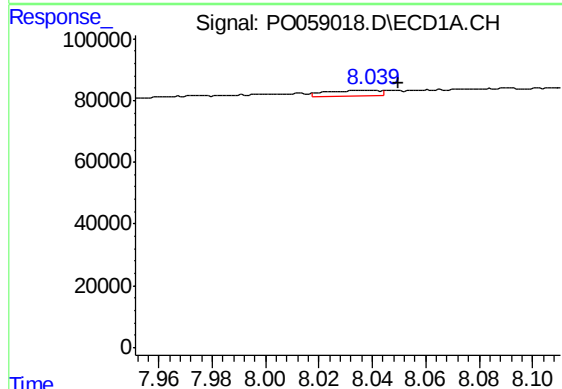
R.T.: 7.563 min  
Delta R.T.: 0.043 min  
Response: 18711  
Conc: 3.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



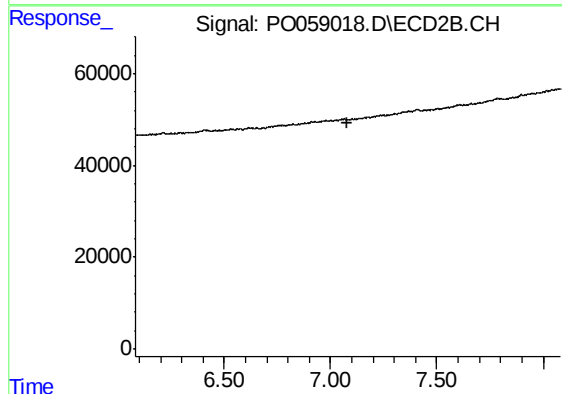
#36 AR-1262-1

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



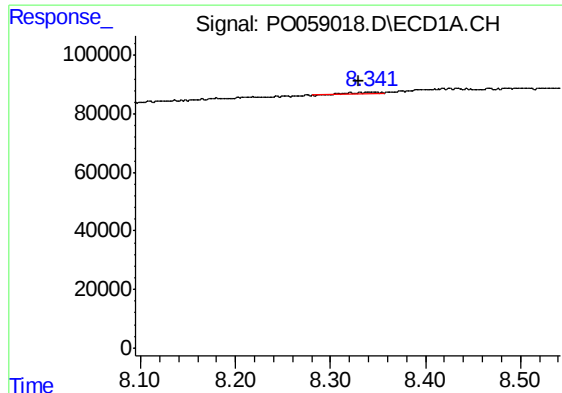
#37 AR-1262-2

R.T.: 8.035 min  
Delta R.T.: -0.015 min  
Response: 26733  
Conc: 3.36 ng/ml



#37 AR-1262-2

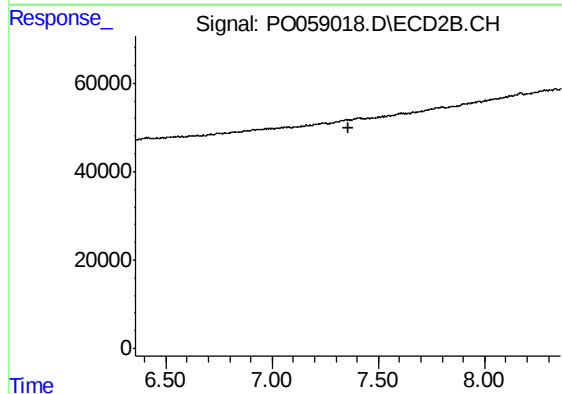
R.T.: 0.000 min  
Exp R.T. : 7.082 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

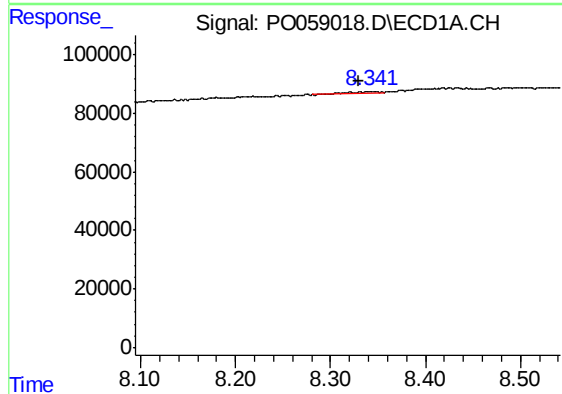
R.T.: 8.341 min  
Delta R.T.: 0.011 min  
Response: 17264  
Conc: 3.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



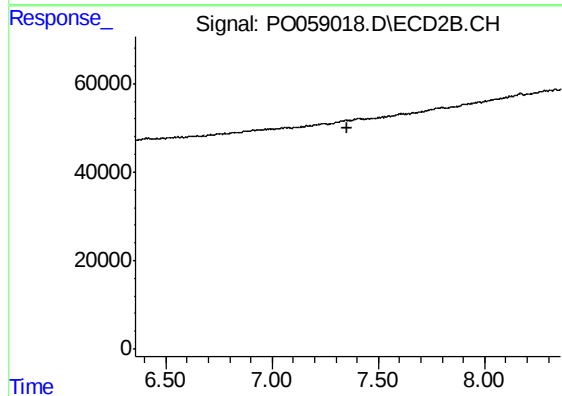
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 7.357 min  
Response: 0  
Conc: N.D.



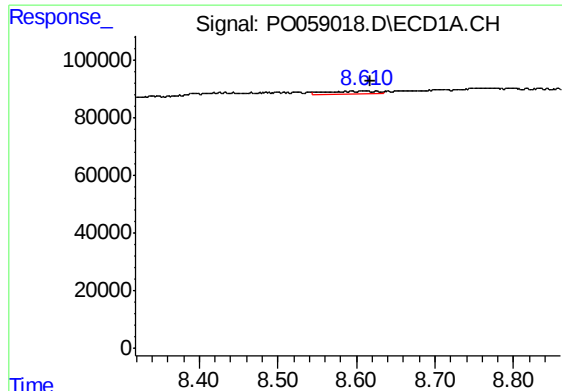
#41 AR-1268-1

R.T.: 8.341 min  
Delta R.T.: 0.012 min  
Response: 17264  
Conc: 1.55 ng/ml



#41 AR-1268-1

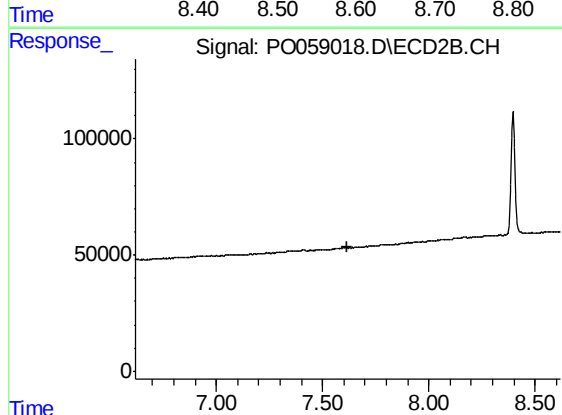
R.T.: 0.000 min  
Exp R.T. : 7.357 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

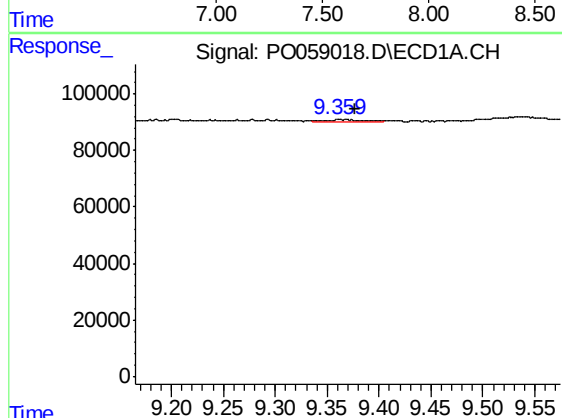
R.T.: 8.611 min  
Delta R.T.: -0.006 min  
Response: 39086  
Conc: 4.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-03(13-14)



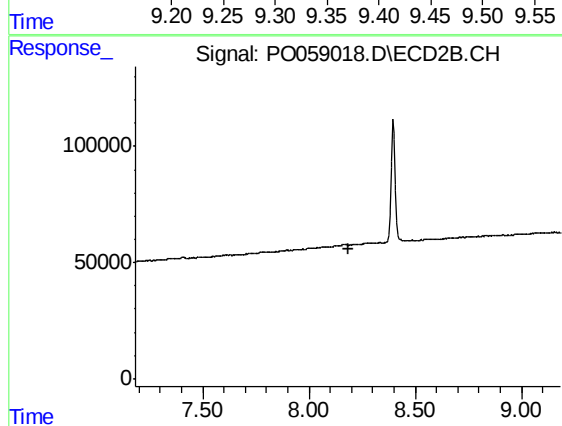
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 7.619 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.362 min  
Delta R.T.: -0.014 min  
Response: 20658  
Conc: 0.96 ng/ml



#45 AR-1268-5

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