

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0090319\  
 Data File : P0060265.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 03 Sep 2019 22:54  
 Operator : SM/AJ  
 Sample : K4554-57  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 SB-1-(0-2)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 04 03:43:45 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... | 4.111 | 3.492 | 1080313 | 890594 | 30.855 | 24.742 |
| 2)                          | SA Decachlor... | 9.562 | 8.343 | 958173  | 776942 | 18.011 | 19.269 |
| Target Compounds            |                 |       |       |         |        |        |        |
| 3)                          | L1 AR-1016-1    | 5.283 | 0.000 | 3763    | 0      | 2.346  | N.D. # |
| 4)                          | L1 AR-1016-2    | 5.283 | 0.000 | 3763    | 0      | 1.573  | N.D. # |
| 5)                          | L1 AR-1016-3    | 5.336 | 0.000 | 4981    | 0      | 3.344  | N.D. # |
| 6)                          | L1 AR-1016-4    | 5.396 | 0.000 | 5448    | 0      | 4.503  | N.D. # |
| 7)                          | L1 AR-1016-5    | 5.725 | 0.000 | 2692    | 0      | 2.096  | N.D. # |
| 8)                          | L2 AR-1221-1    | 4.378 | 0.000 | 646     | 0      | 1.526  | N.D. # |
| 9)                          | L2 AR-1221-2    | 4.411 | 0.000 | 16261   | 0      | 50.066 | N.D. # |
| 10)                         | L2 AR-1221-3    | 4.486 | 0.000 | 2327    | 0      | 2.212  | N.D. # |
| 11)                         | L3 AR-1232-1    | 4.486 | 0.000 | 2327    | 0      | 1.867  | N.D. # |
| 12)                         | L3 AR-1232-2    | 4.993 | 0.000 | 4716    | 0      | 6.676  | N.D. # |
| 13)                         | L3 AR-1232-3    | 5.283 | 0.000 | 3763    | 0      | 2.457  | N.D. # |
| 14)                         | L3 AR-1232-4    | 5.528 | 0.000 | 2993    | 0      | 3.828  | N.D. # |
| 15)                         | L3 AR-1232-5    | 5.528 | 0.000 | 2993    | 0      | 4.979  | N.D. # |
| 16)                         | L4 AR-1242-1    | 5.283 | 0.000 | 3763    | 0      | 2.964  | N.D. # |
| 17)                         | L4 AR-1242-2    | 5.283 | 0.000 | 3763    | 0      | 2.028  | N.D. # |
| 18)                         | L4 AR-1242-3    | 5.336 | 0.000 | 4981    | 0      | 4.261  | N.D. # |
| 19)                         | L4 AR-1242-4    | 5.528 | 0.000 | 2993    | 0      | 3.092  | N.D. # |
| 20)                         | L4 AR-1242-5    | 6.165 | 0.000 | 3885    | 0      | 3.091  | N.D. # |
| 21)                         | L5 AR-1248-1    | 5.283 | 0.000 | 3763    | 0      | 3.753  | N.D. # |
| 22)                         | L5 AR-1248-2    | 5.528 | 0.000 | 2993    | 0      | 2.063  | N.D. # |
| 23)                         | L5 AR-1248-3    | 5.725 | 0.000 | 2692    | 0      | 1.620  | N.D. # |
| 24)                         | L5 AR-1248-4    | 6.165 | 0.000 | 3885    | 0      | 1.900  | N.D. # |
| 25)                         | L5 AR-1248-5    | 6.165 | 0.000 | 3885    | 0      | 1.959  | N.D. # |
| 26)                         | L6 AR-1254-1    | 6.098 | 0.000 | 7150    | 0      | 3.427  | N.D. # |
| 27)                         | L6 AR-1254-2    | 6.316 | 0.000 | 10660   | 0      | 3.195  | N.D. # |
| 28)                         | L6 AR-1254-3    | 6.711 | 0.000 | 6883    | 0      | 1.940  | N.D. # |
| 29)                         | L6 AR-1254-4    | 6.958 | 0.000 | 8358    | 0      | 2.838  | N.D. # |
| 30)                         | L6 AR-1254-5    | 7.371 | 0.000 | 9875    | 0      | 3.193  | N.D. # |
| 31)                         | L7 AR-1260-1    | 6.836 | 0.000 | 10880   | 0      | 4.036  | N.D. # |
| 32)                         | L7 AR-1260-2    | 7.090 | 0.000 | 10539   | 0      | 2.840  | N.D. # |
| 33)                         | L7 AR-1260-3    | 7.446 | 0.000 | 7118    | 0      | 2.173  | N.D. # |
| 35)                         | L7 AR-1260-5    | 7.979 | 0.000 | 259745  | 0      | 36.682 | N.D. # |
| 37)                         | L8 AR-1262-2    | 7.979 | 0.000 | 259745  | 0      | 33.664 | N.D. # |
| 45)                         | L9 AR-1268-5    | 9.403 | 8.125 | 27299   | 23510  | 1.480  | 1.618  |
| -----                       |                 |       |       |         |        |        |        |

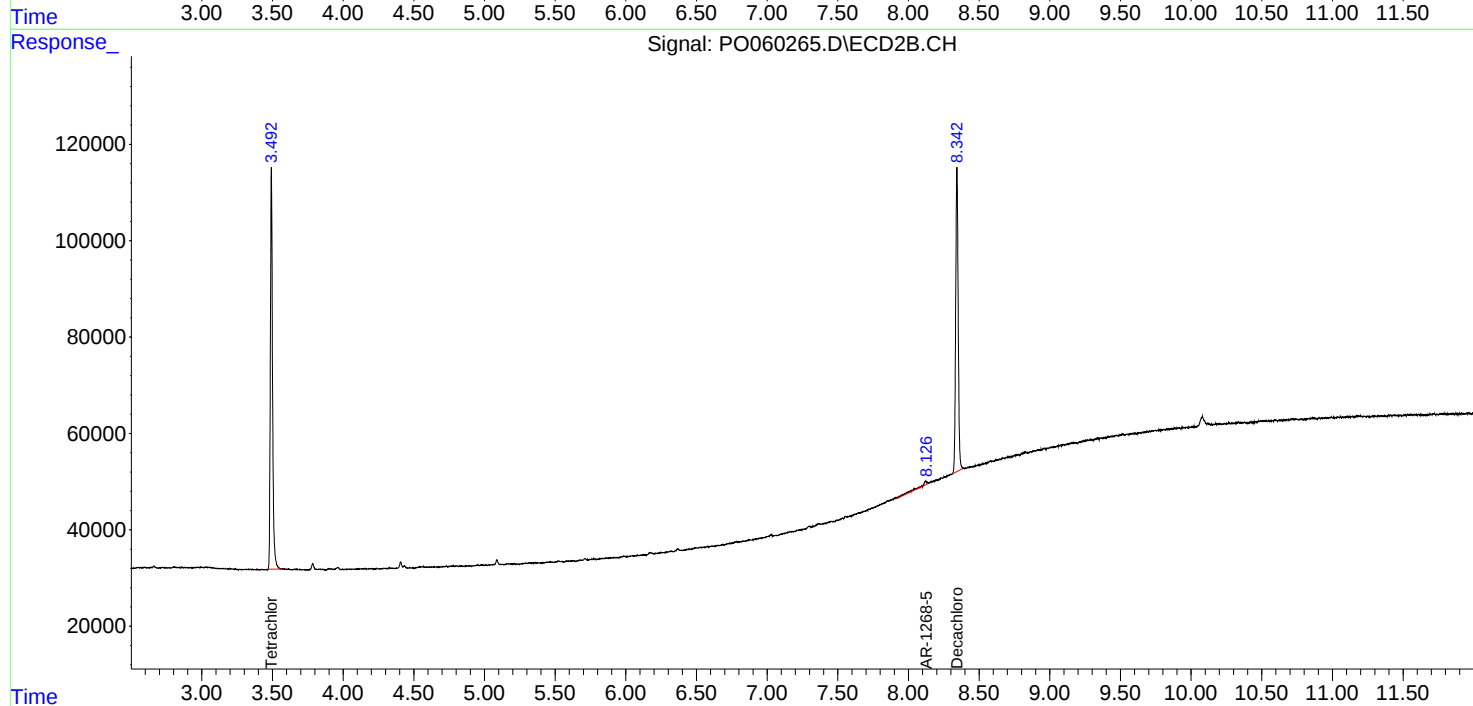
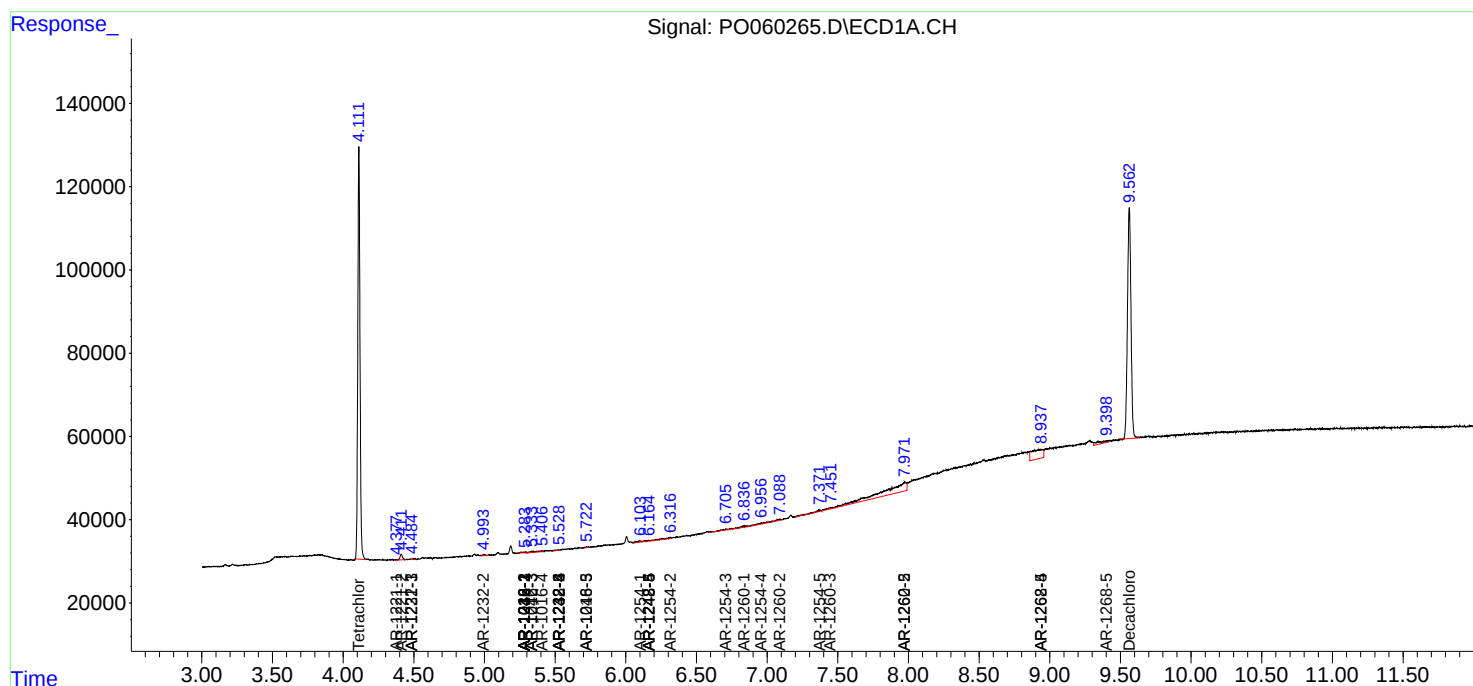
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

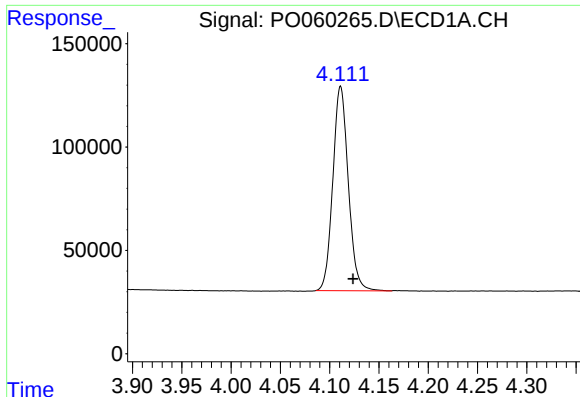
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO090319\  
Data File : PO060265.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 03 Sep 2019 22:54  
Operator : SM/AJ  
Sample : K4554-57  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 04 03:43:45 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

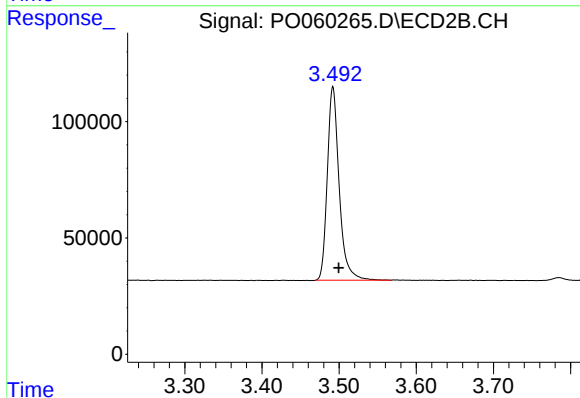




#1 Tetrachloro-m-xylene

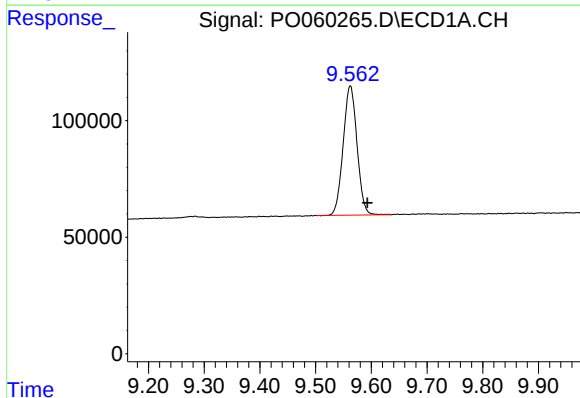
R.T.: 4.111 min  
Delta R.T.: -0.013 min  
Response: 1080313  
Conc: 30.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



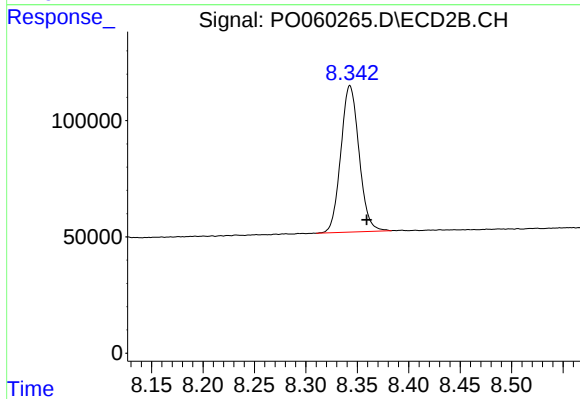
#1 Tetrachloro-m-xylene

R.T.: 3.492 min  
Delta R.T.: -0.007 min  
Response: 890594  
Conc: 24.74 ng/ml



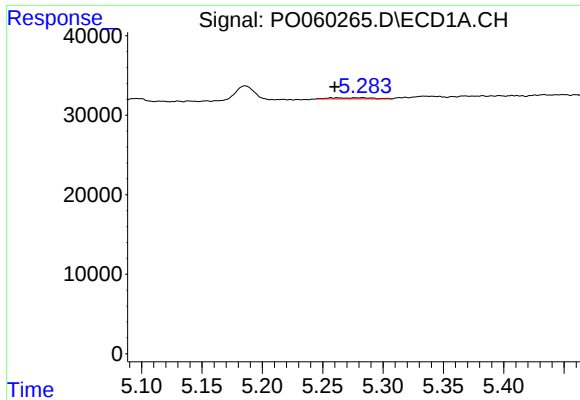
#2 Decachlorobiphenyl

R.T.: 9.562 min  
Delta R.T.: -0.031 min  
Response: 958173  
Conc: 18.01 ng/ml



#2 Decachlorobiphenyl

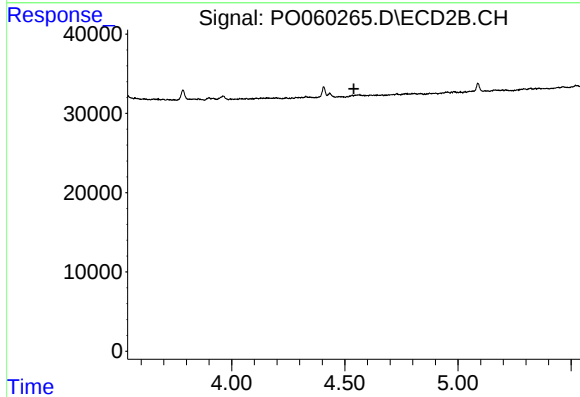
R.T.: 8.343 min  
Delta R.T.: -0.016 min  
Response: 776942  
Conc: 19.27 ng/ml



#3 AR-1016-1

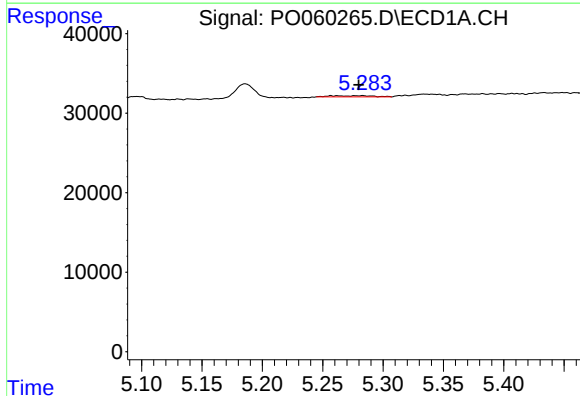
R.T.: 5.283 min  
Delta R.T.: 0.023 min  
Response: 3763  
Conc: 2.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



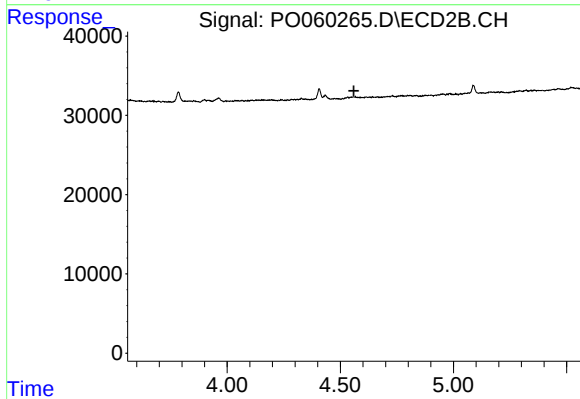
#3 AR-1016-1

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



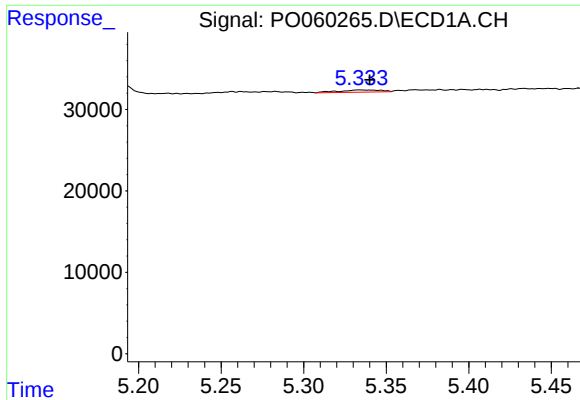
#4 AR-1016-2

R.T.: 5.283 min  
Delta R.T.: 0.003 min  
Response: 3763  
Conc: 1.57 ng/ml



#4 AR-1016-2

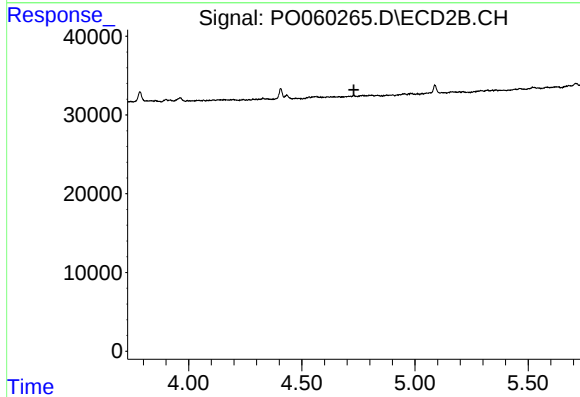
R.T.: 0.000 min  
Exp R.T. : 4.560 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

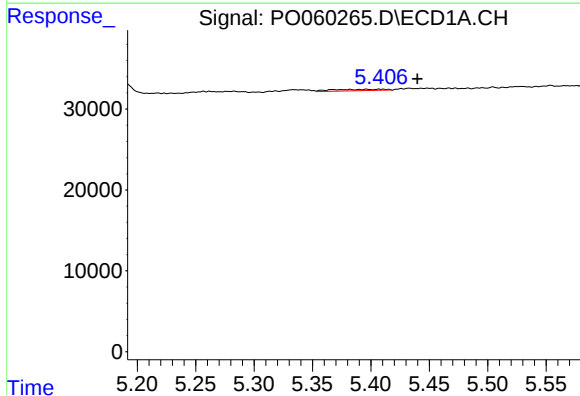
R.T.: 5.336 min  
Delta R.T.: -0.004 min  
Response: 4981  
Conc: 3.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



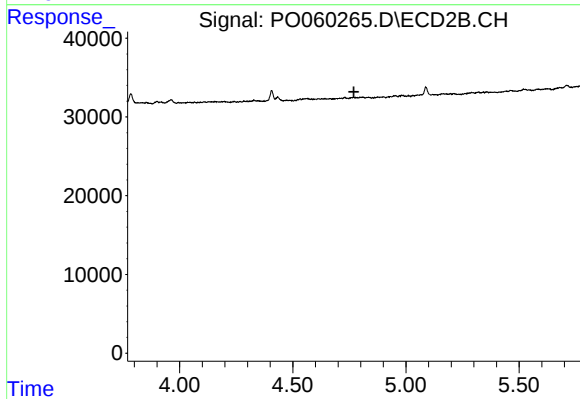
#5 AR-1016-3

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



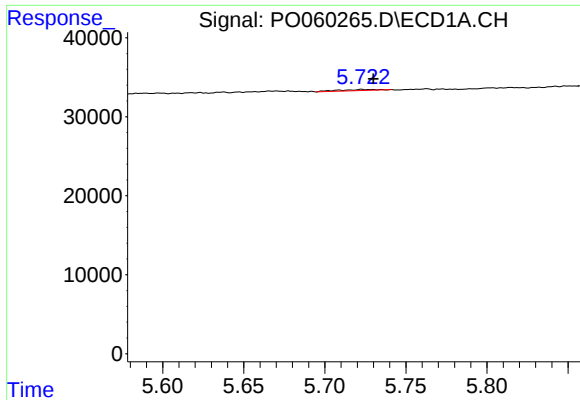
#6 AR-1016-4

R.T.: 5.396 min  
Delta R.T.: -0.044 min  
Response: 5448  
Conc: 4.50 ng/ml



#6 AR-1016-4

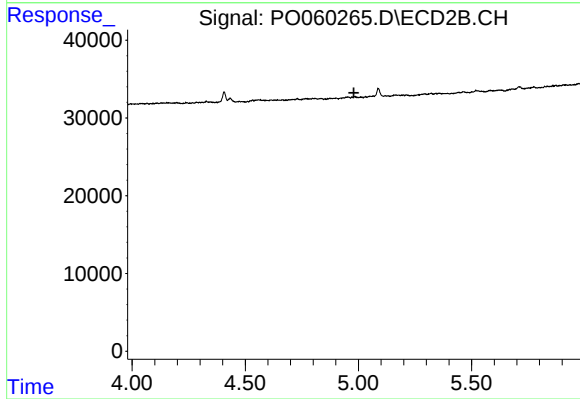
R.T.: 0.000 min  
Exp R.T. : 4.770 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

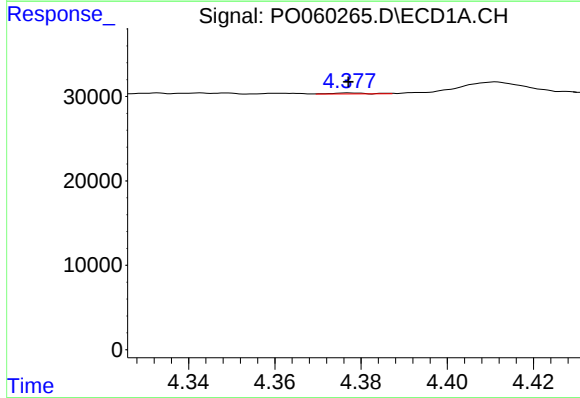
R.T.: 5.725 min  
Delta R.T.: -0.005 min  
Response: 2692  
Conc: 2.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



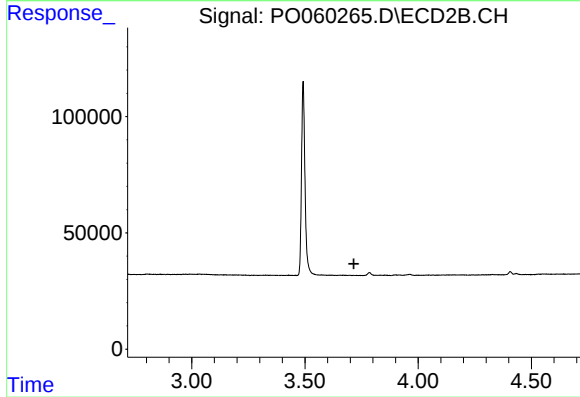
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 4.980 min  
Response: 0  
Conc: N.D.



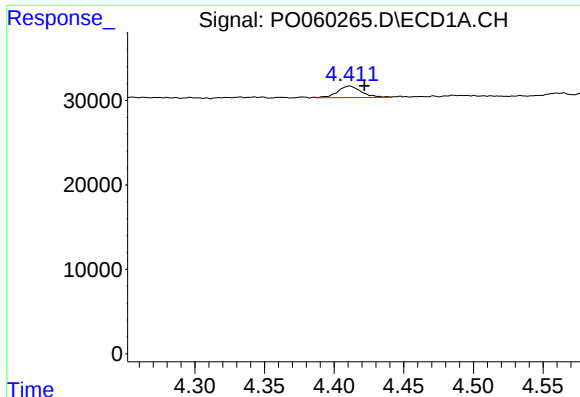
#8 AR-1221-1

R.T.: 4.378 min  
Delta R.T.: 0.000 min  
Response: 646  
Conc: 1.53 ng/ml



#8 AR-1221-1

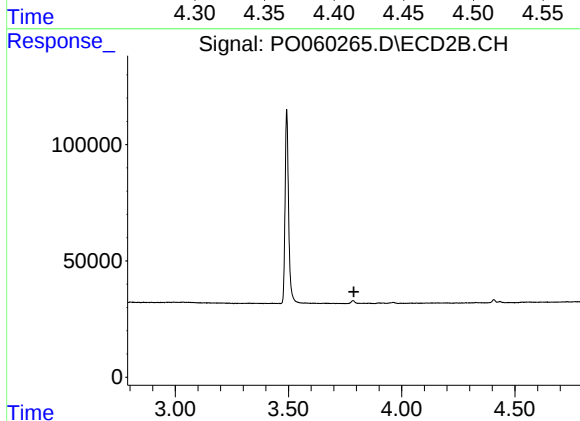
R.T.: 0.000 min  
Exp R.T. : 3.717 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

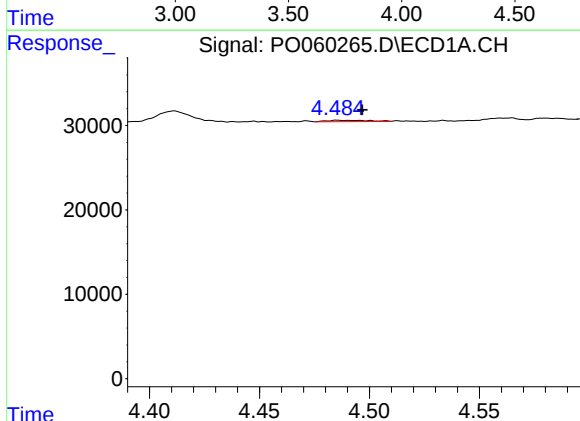
R.T.: 4.411 min  
Delta R.T.: -0.011 min  
Response: 16261  
Conc: 50.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



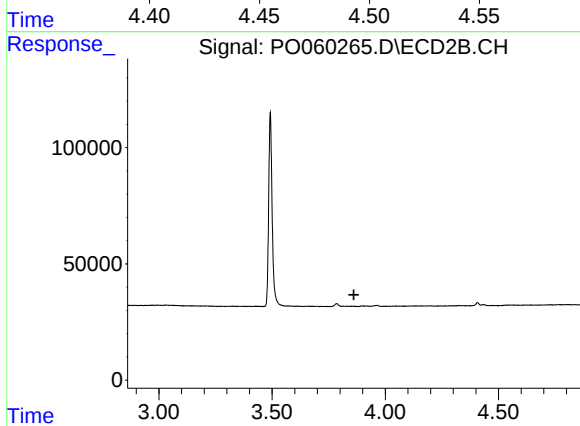
#9 AR-1221-2

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



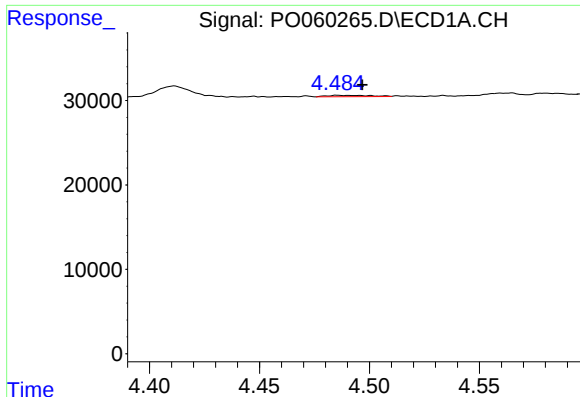
#10 AR-1221-3

R.T.: 4.486 min  
Delta R.T.: -0.011 min  
Response: 2327  
Conc: 2.21 ng/ml



#10 AR-1221-3

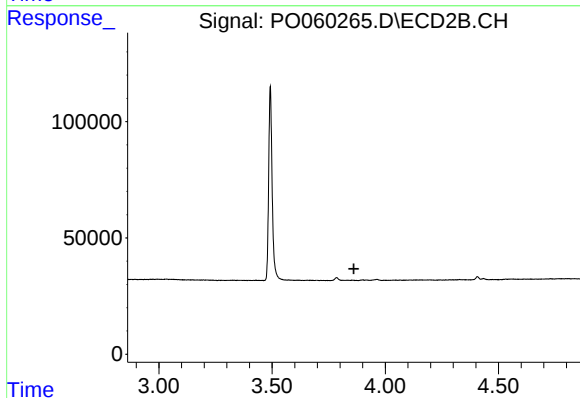
R.T.: 0.000 min  
Exp R.T. : 3.862 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

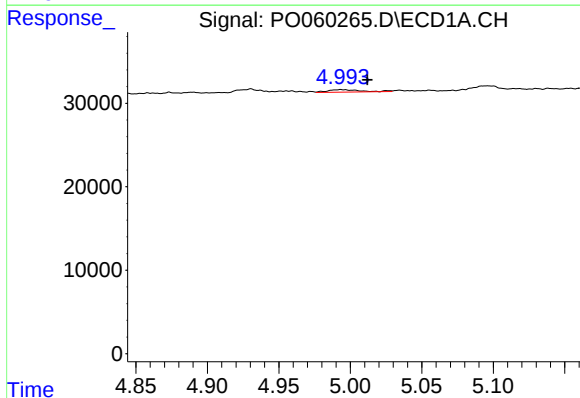
R.T.: 4.486 min  
Delta R.T.: -0.011 min  
Response: 2327  
Conc: 1.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



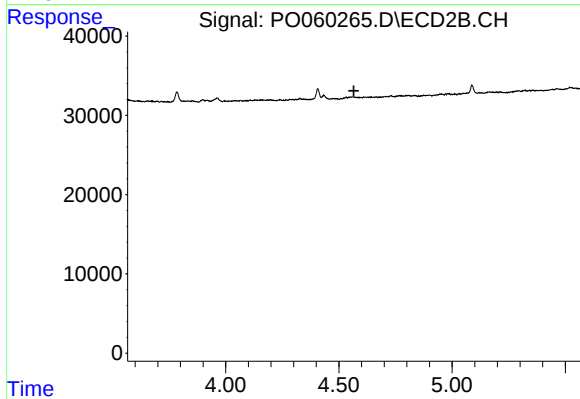
#11 AR-1232-1

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



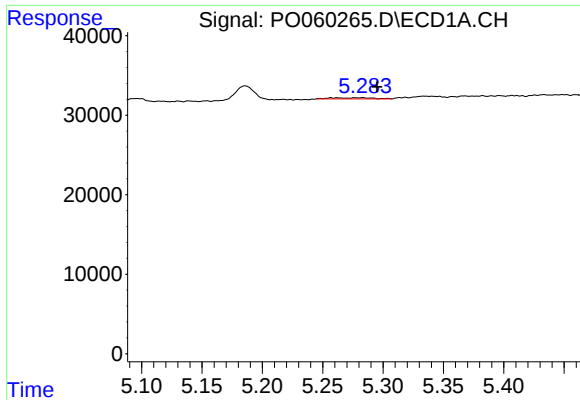
#12 AR-1232-2

R.T.: 4.993 min  
Delta R.T.: -0.018 min  
Response: 4716  
Conc: 6.68 ng/ml



#12 AR-1232-2

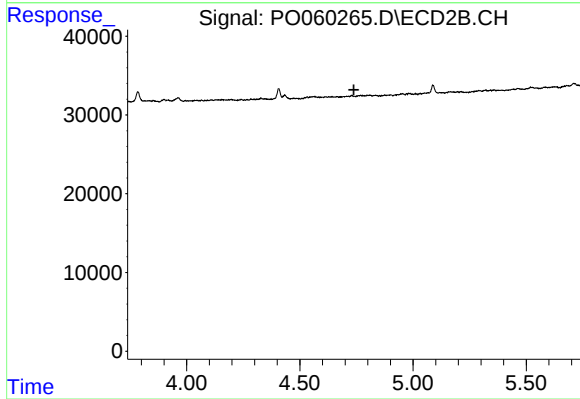
R.T.: 0.000 min  
Exp R.T. : 4.566 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

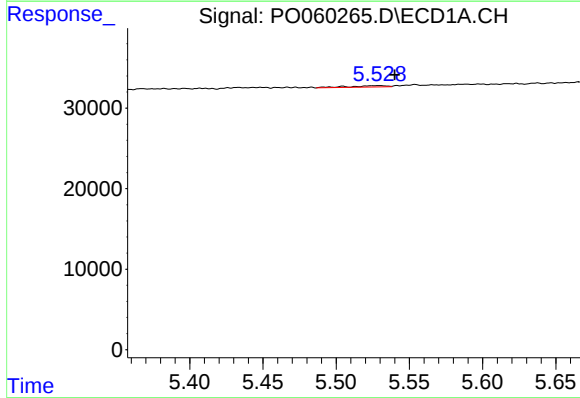
R.T.: 5.283 min  
Delta R.T.: -0.012 min  
Response: 3763  
Conc: 2.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



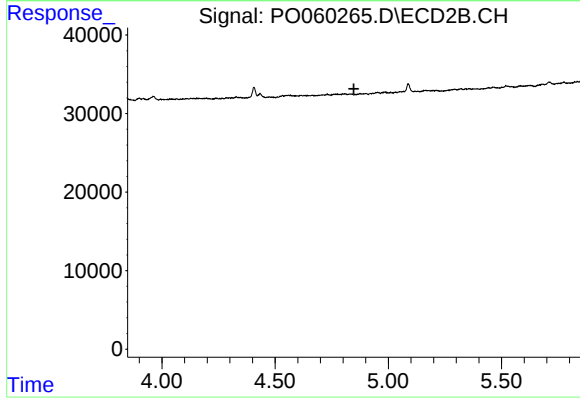
#13 AR-1232-3

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



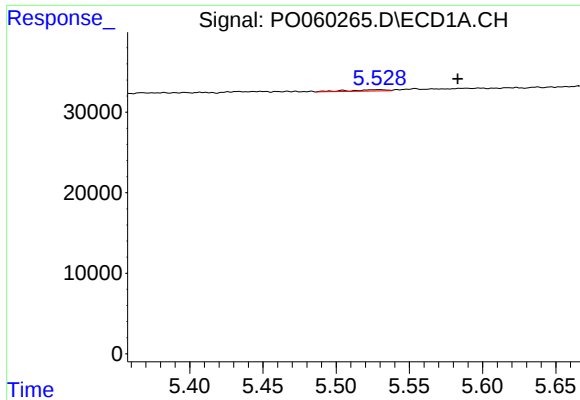
#14 AR-1232-4

R.T.: 5.528 min  
Delta R.T.: -0.012 min  
Response: 2993  
Conc: 3.83 ng/ml



#14 AR-1232-4

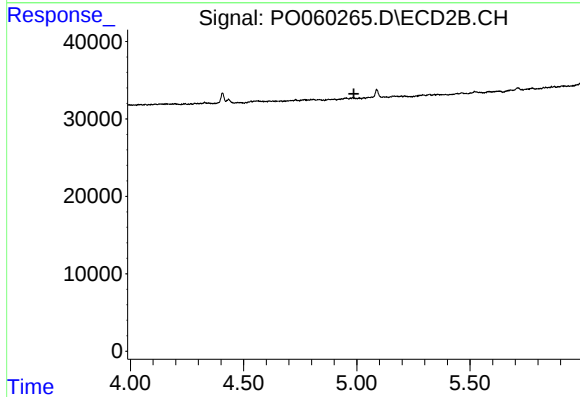
R.T.: 0.000 min  
Exp R.T. : 4.848 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

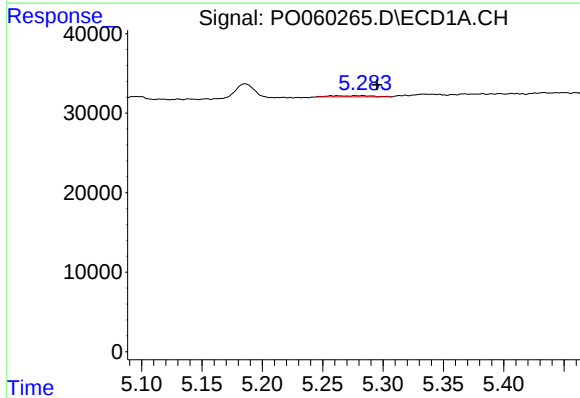
R.T.: 5.528 min  
Delta R.T.: -0.055 min  
Response: 2993  
Conc: 4.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



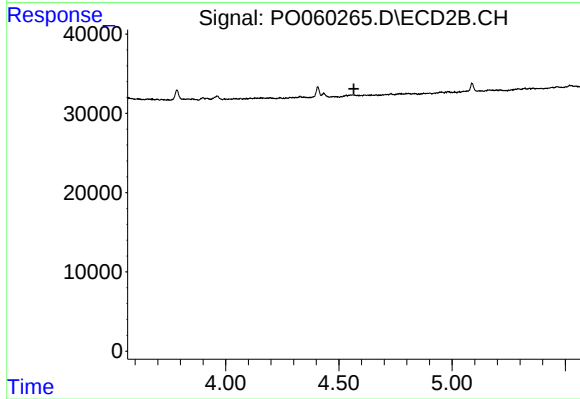
#15 AR-1232-5

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



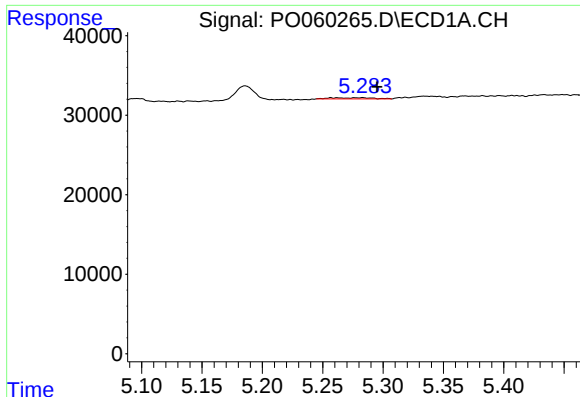
#16 AR-1242-1

R.T.: 5.283 min  
Delta R.T.: -0.012 min  
Response: 3763  
Conc: 2.96 ng/ml



#16 AR-1242-1

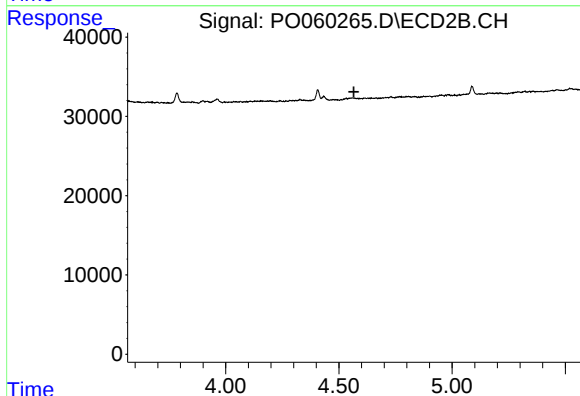
R.T.: 0.000 min  
Exp R.T. : 4.566 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

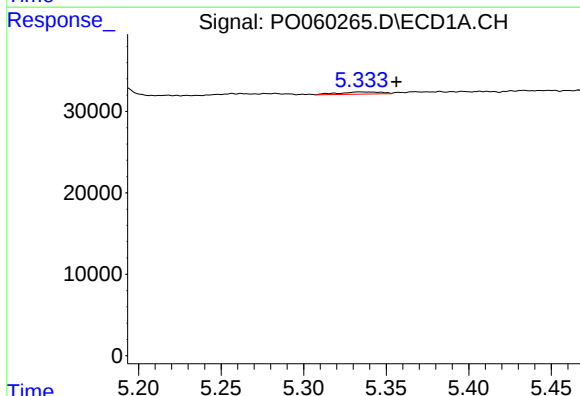
R.T.: 5.283 min  
Delta R.T.: -0.012 min  
Response: 3763  
Conc: 2.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



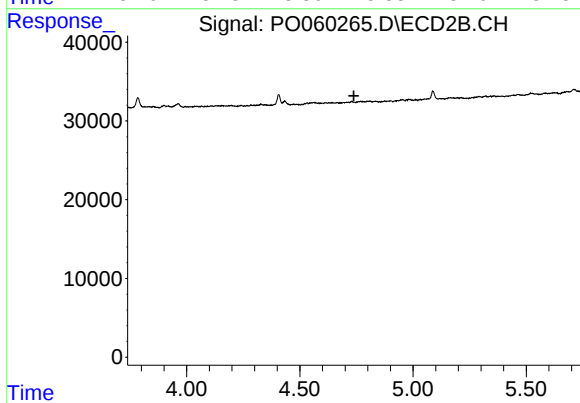
#17 AR-1242-2

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



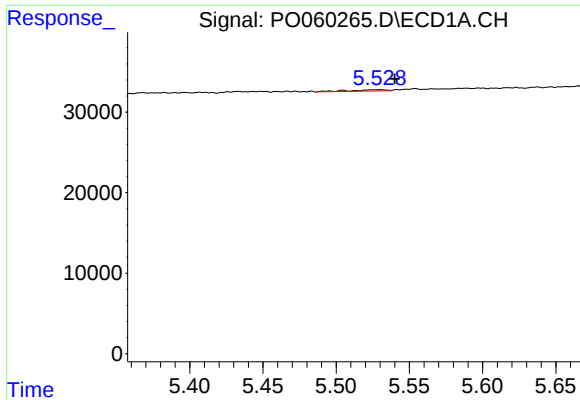
#18 AR-1242-3

R.T.: 5.336 min  
Delta R.T.: -0.020 min  
Response: 4981  
Conc: 4.26 ng/ml



#18 AR-1242-3

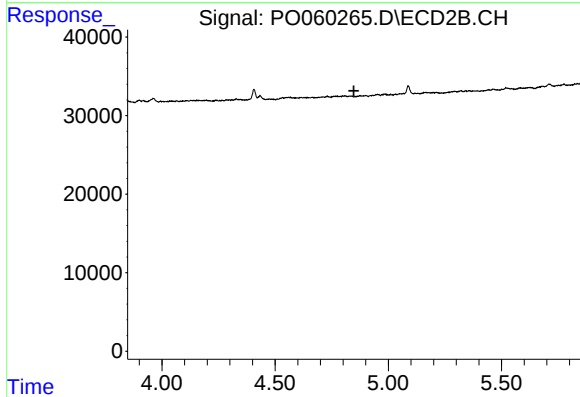
R.T.: 0.000 min  
Exp R.T. : 4.738 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

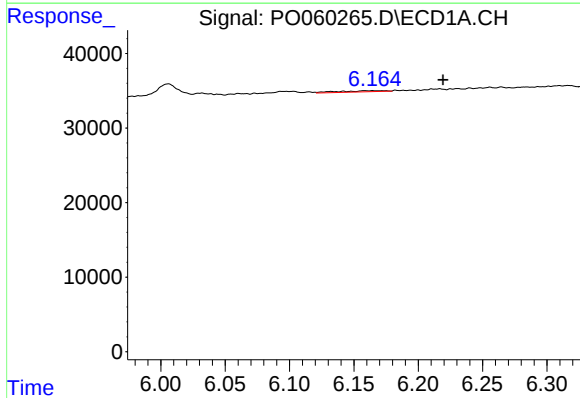
R.T.: 5.528 min  
Delta R.T.: -0.012 min  
Response: 2993  
Conc: 3.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



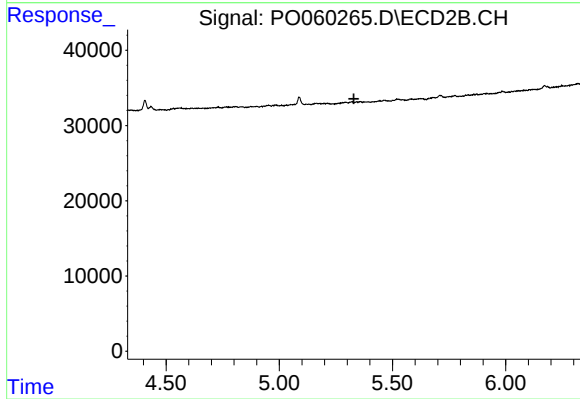
#19 AR-1242-4

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



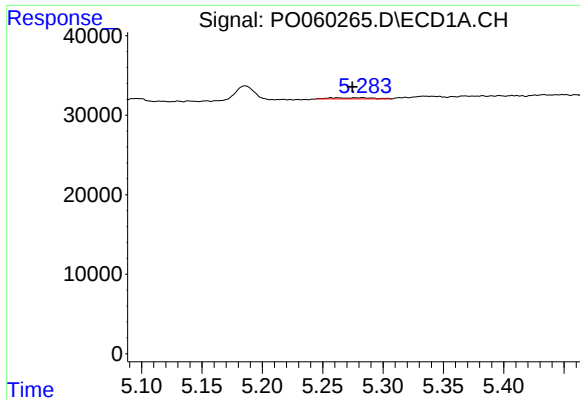
#20 AR-1242-5

R.T.: 6.165 min  
Delta R.T.: -0.054 min  
Response: 3885  
Conc: 3.09 ng/ml



#20 AR-1242-5

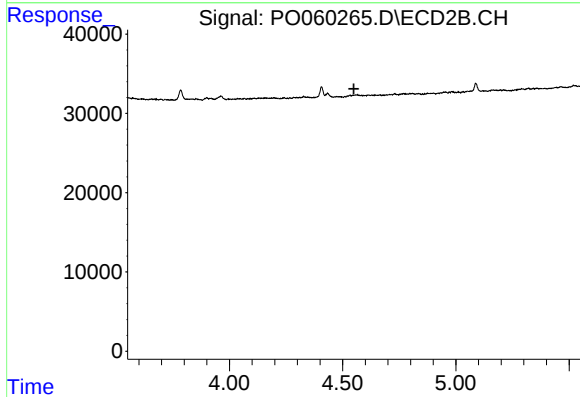
R.T.: 0.000 min  
Exp R.T. : 5.330 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

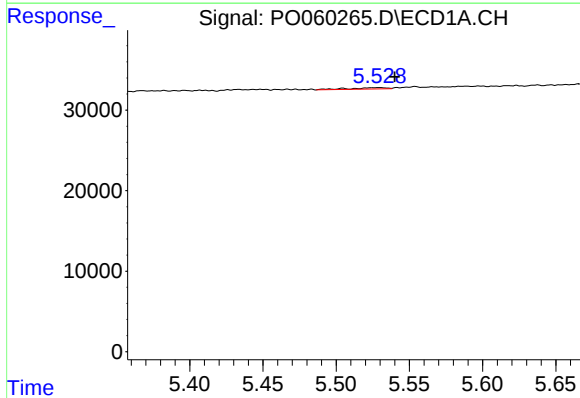
R.T.: 5.283 min  
Delta R.T.: 0.008 min  
Response: 3763  
Conc: 3.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



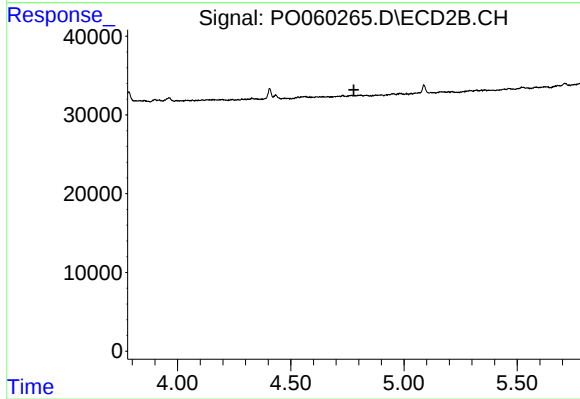
#21 AR-1248-1

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



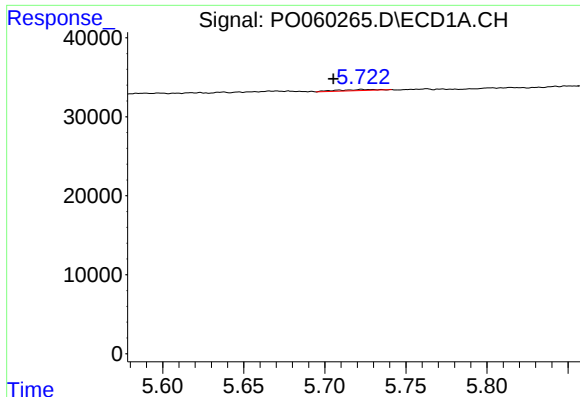
#22 AR-1248-2

R.T.: 5.528 min  
Delta R.T.: -0.012 min  
Response: 2993  
Conc: 2.06 ng/ml



#22 AR-1248-2

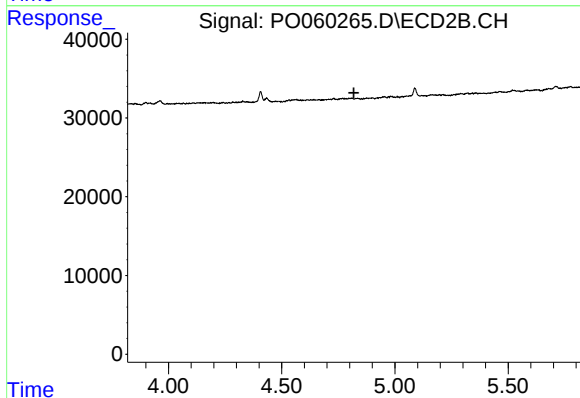
R.T.: 0.000 min  
Exp R.T. : 4.779 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

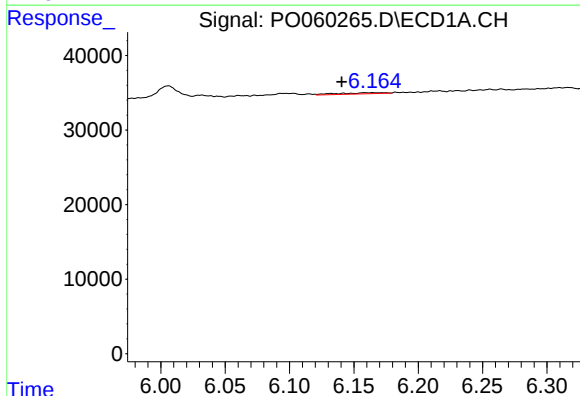
R.T.: 5.725 min  
Delta R.T.: 0.020 min  
Response: 2692  
Conc: 1.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



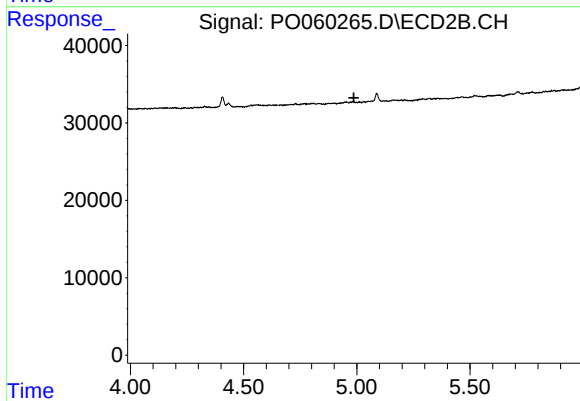
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 4.819 min  
Response: 0  
Conc: N.D.



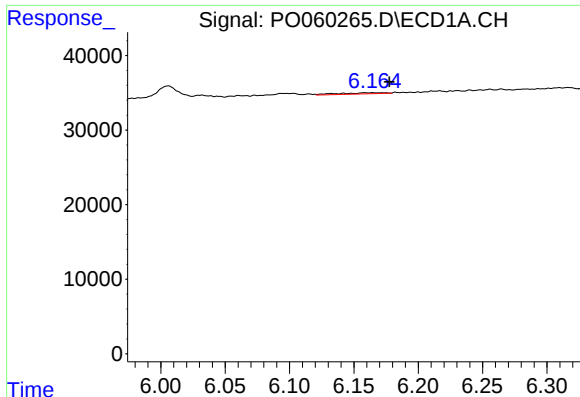
#24 AR-1248-4

R.T.: 6.165 min  
Delta R.T.: 0.024 min  
Response: 3885  
Conc: 1.90 ng/ml



#24 AR-1248-4

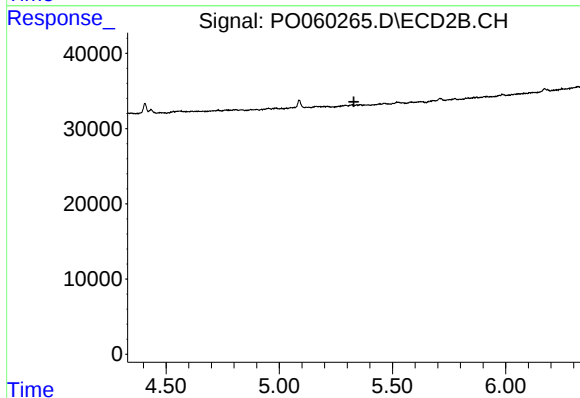
R.T.: 0.000 min  
Exp R.T. : 4.987 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

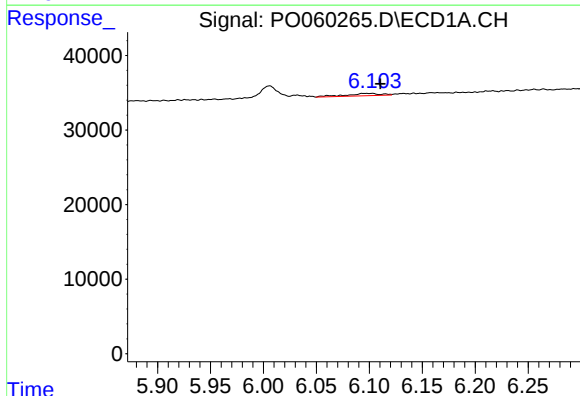
R.T.: 6.165 min  
Delta R.T.: -0.013 min  
Response: 3885  
Conc: 1.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



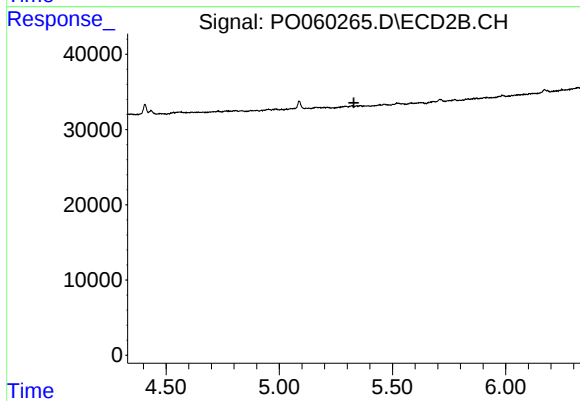
#25 AR-1248-5

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



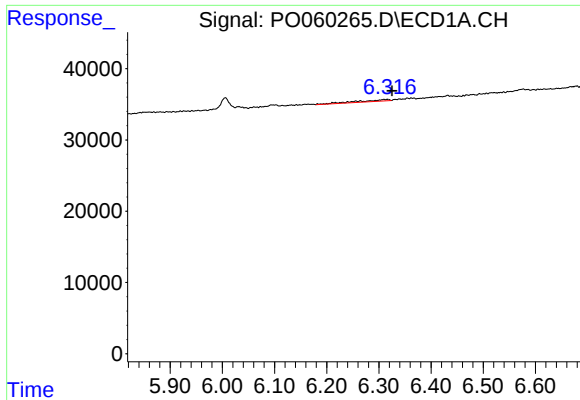
#26 AR-1254-1

R.T.: 6.098 min  
Delta R.T.: -0.012 min  
Response: 7150  
Conc: 3.43 ng/ml



#26 AR-1254-1

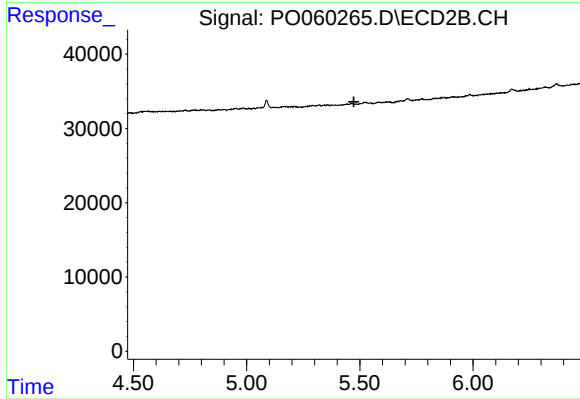
R.T.: 0.000 min  
Exp R.T. : 5.330 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

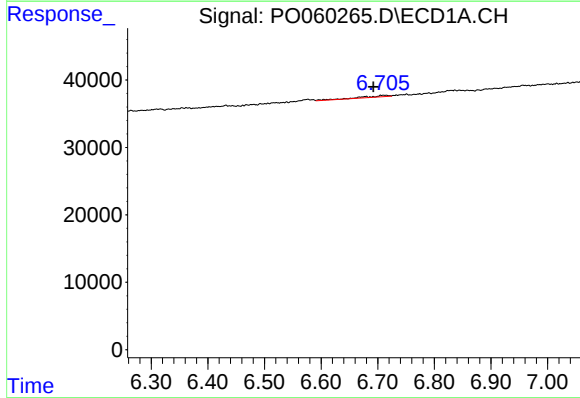
R.T.: 6.316 min  
Delta R.T.: -0.010 min  
Response: 10660  
Conc: 3.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



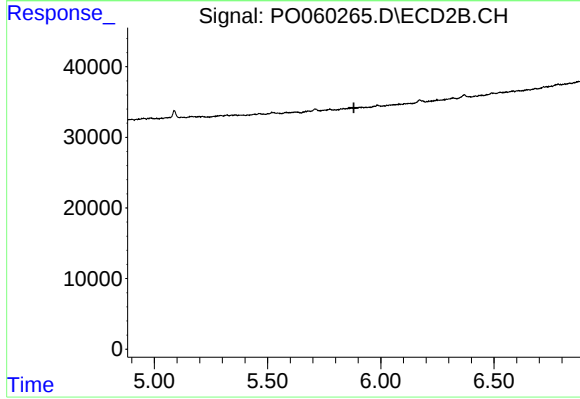
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.474 min  
Response: 0  
Conc: N.D.



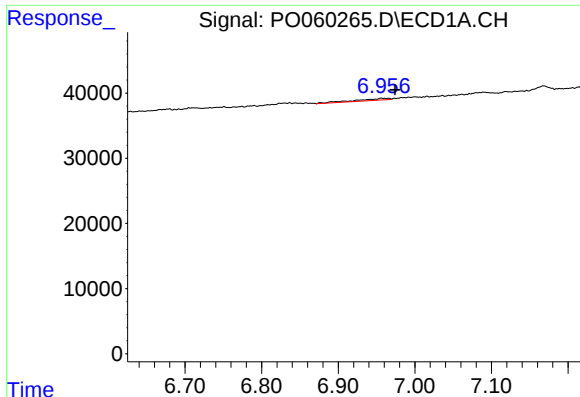
#28 AR-1254-3

R.T.: 6.711 min  
Delta R.T.: 0.018 min  
Response: 6883  
Conc: 1.94 ng/ml



#28 AR-1254-3

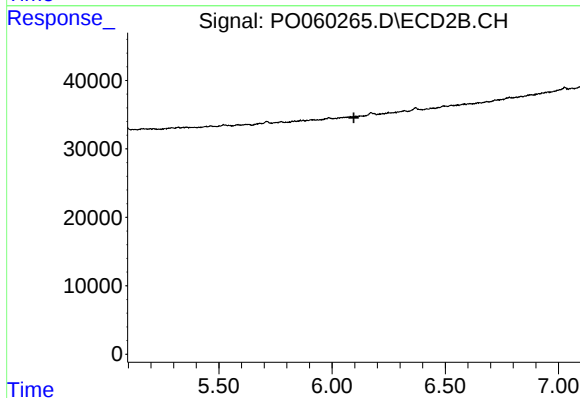
R.T.: 0.000 min  
Exp R.T. : 5.881 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

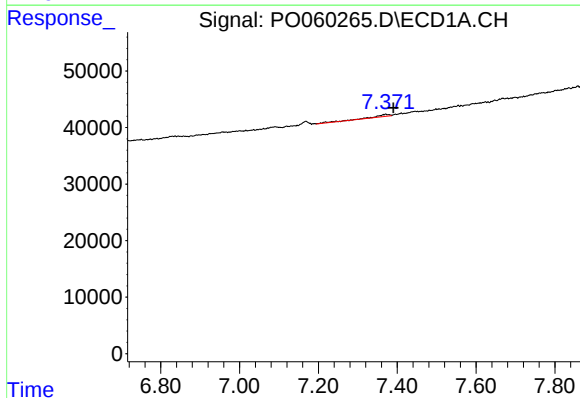
R.T.: 6.958 min  
Delta R.T.: -0.016 min  
Response: 8358  
Conc: 2.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



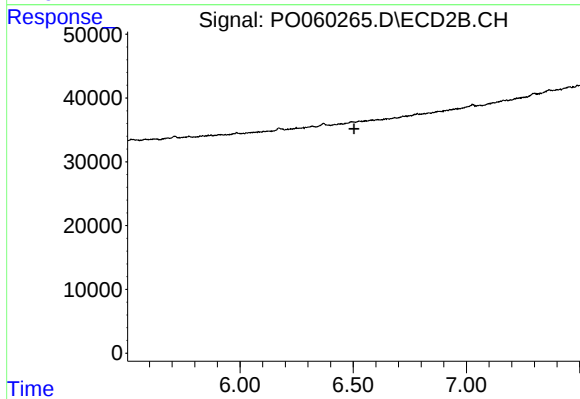
#29 AR-1254-4

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



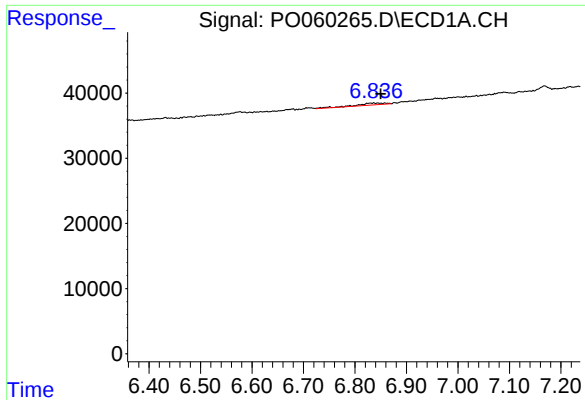
#30 AR-1254-5

R.T.: 7.371 min  
Delta R.T.: -0.019 min  
Response: 9875  
Conc: 3.19 ng/ml



#30 AR-1254-5

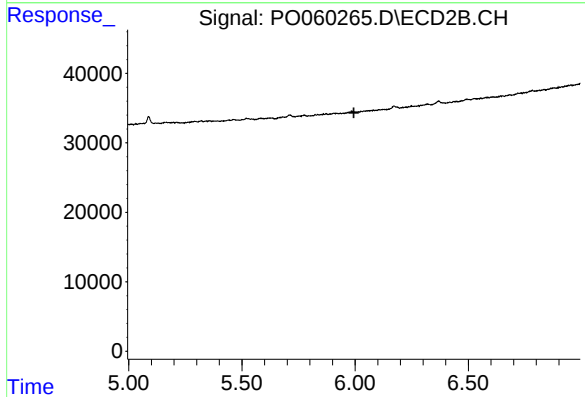
R.T.: 0.000 min  
Exp R.T. : 6.503 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

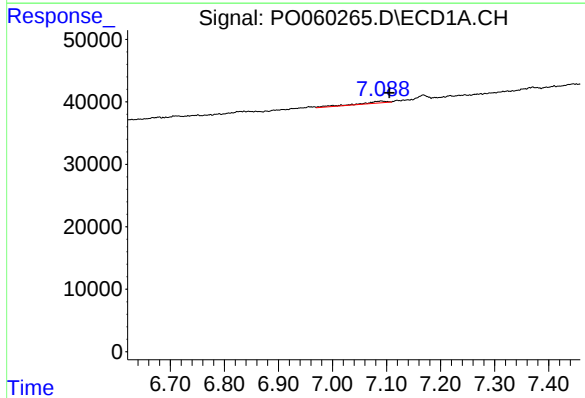
R.T.: 6.836 min  
Delta R.T.: -0.014 min  
Response: 10880  
Conc: 4.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



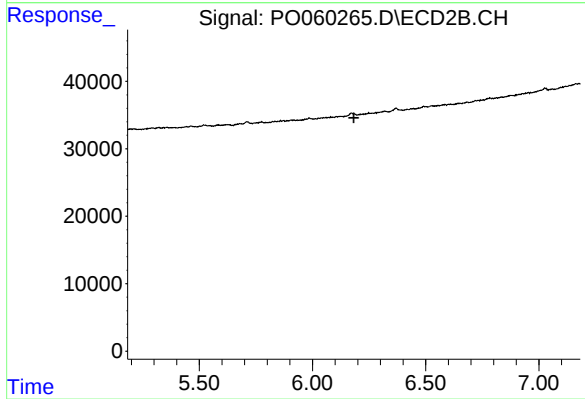
#31 AR-1260-1

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



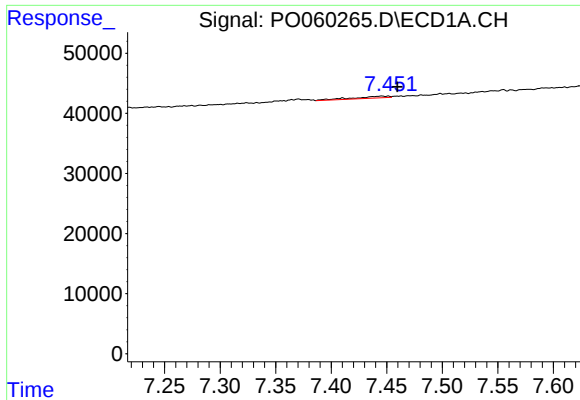
#32 AR-1260-2

R.T.: 7.090 min  
Delta R.T.: -0.015 min  
Response: 10539  
Conc: 2.84 ng/ml



#32 AR-1260-2

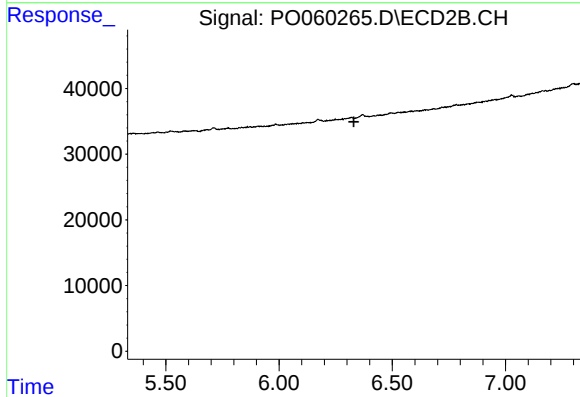
R.T.: 0.000 min  
Exp R.T. : 6.183 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

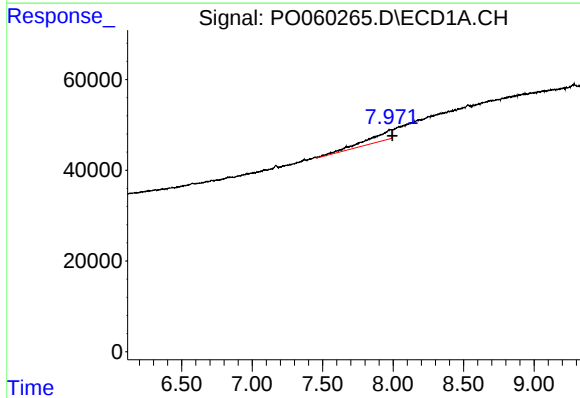
R.T.: 7.446 min  
Delta R.T.: -0.013 min  
Response: 7118  
Conc: 2.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



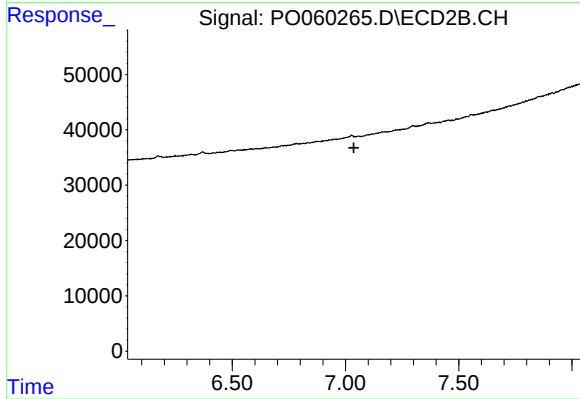
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.331 min  
Response: 0  
Conc: N.D.



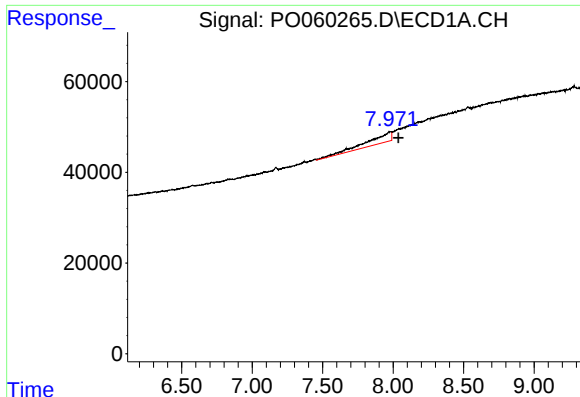
#35 AR-1260-5

R.T.: 7.979 min  
Delta R.T.: -0.015 min  
Response: 259745  
Conc: 36.68 ng/ml



#35 AR-1260-5

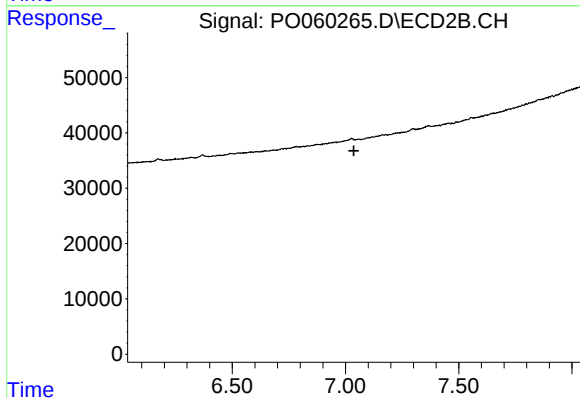
R.T.: 0.000 min  
Exp R.T. : 7.037 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

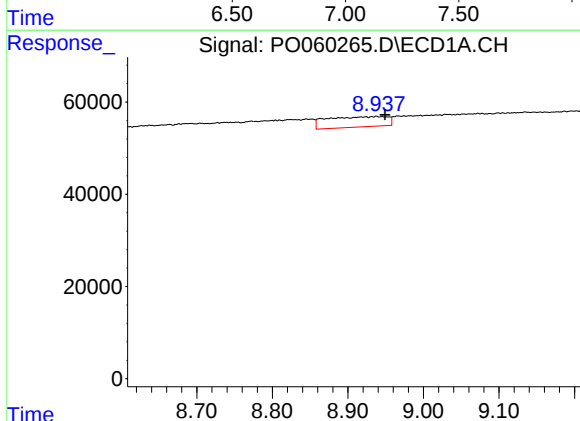
R.T.: 7.979 min  
Delta R.T.: -0.059 min  
Response: 259745  
Conc: 33.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



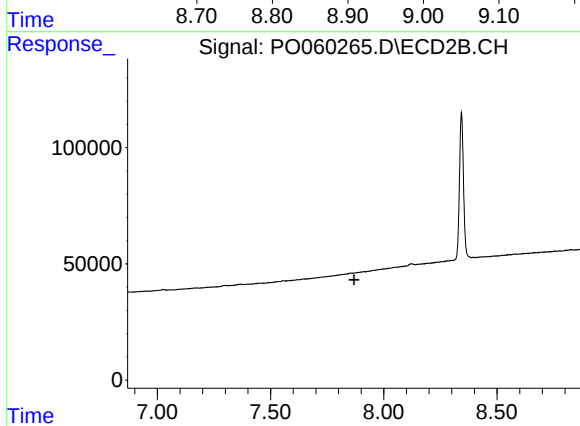
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 7.037 min  
Response: 0  
Conc: N.D.



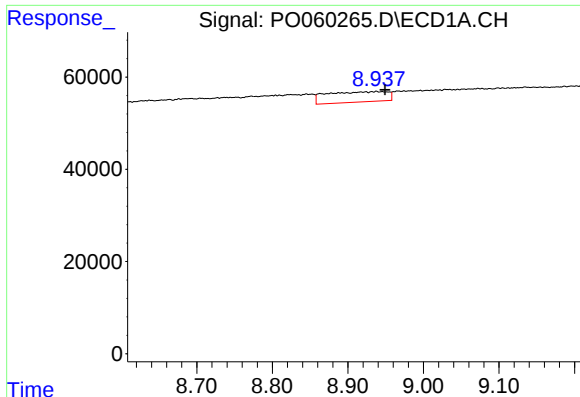
#40 AR-1262-5

R.T.: 8.938 min  
Delta R.T.: -0.012 min  
Response: 124747  
Conc: 48.60 ng/ml



#40 AR-1262-5

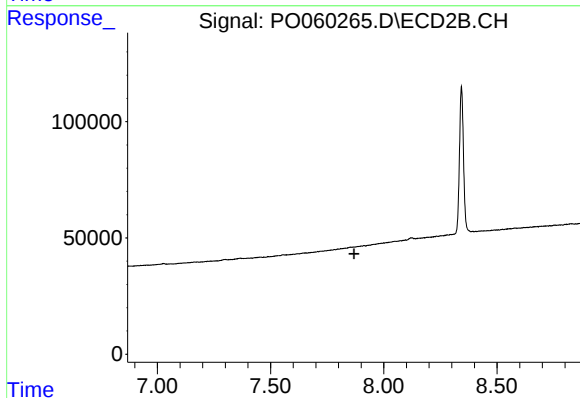
R.T.: 7.913 min  
Delta R.T.: 0.045 min  
Response: -173701  
Conc: N.D.



#44 AR-1268-4

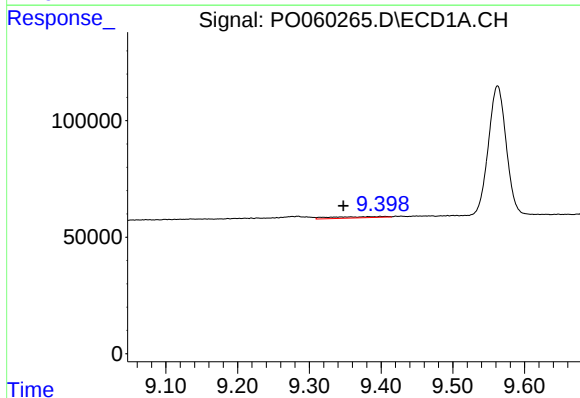
R.T.: 8.938 min  
Delta R.T.: -0.012 min  
Response: 124747  
Conc: 44.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
SB-1-(0-2)



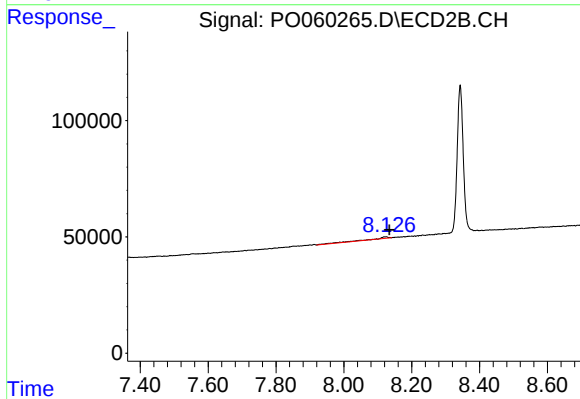
#44 AR-1268-4

R.T.: 7.913 min  
Delta R.T.: 0.045 min  
Response: -173701  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.403 min  
Delta R.T.: 0.055 min  
Response: 27299  
Conc: 1.48 ng/ml



#45 AR-1268-5

R.T.: 8.125 min  
Delta R.T.: -0.009 min  
Response: 23510  
Conc: 1.62 ng/ml