

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0030220\  
 Data File : P0066899.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 02 Mar 2020 16:47  
 Operator : DD\AJ  
 Sample : L1716-09  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 WEST-B

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 02 17:18:31 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0022620.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Feb 26 14:12:46 2020  
 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... | 4.121 | 3.403 | 834751 | 840745  | 20.471 | 19.037     |
| 2)                          | SA Decachlor... | 9.592 | 8.285 | 767862 | 727320  | 15.741 | 14.459     |
| Target Compounds            |                 |       |       |        |         |        |            |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.393 | 0      | 1522908 | N.D.   | 1115.940 # |
| 4)                          | L1 AR-1016-2    | 5.349 | 4.539 | 27383  | 58971   | 11.506 | 20.862 #   |
| 5)                          | L1 AR-1016-3    | 5.349 | 4.635 | 27383  | 171529  | 19.951 | 136.977 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.688 | 0      | 34803   | N.D.   | 33.843 #   |
| 7)                          | L1 AR-1016-5    | 0.000 | 4.913 | 0      | 27586   | N.D.   | 21.659 #   |
| 9)                          | L2 AR-1221-2    | 0.000 | 3.694 | 0      | 18761   | N.D.   | 54.326 #   |
| 12)                         | L3 AR-1232-2    | 0.000 | 4.539 | 0      | 58971   | N.D.   | 57.464 #   |
| 13)                         | L3 AR-1232-3    | 5.349 | 4.635 | 27383  | 171529  | 33.035 | 372.425 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.726 | 0      | 31562   | N.D.   | 77.906 #   |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.913 | 0      | 27586   | N.D.   | 66.524 #   |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.393 | 0      | 1522908 | N.D.   | 1676.334 # |
| 17)                         | L4 AR-1242-2    | 5.349 | 4.539 | 27383  | 58971   | 17.208 | 31.691 #   |
| 18)                         | L4 AR-1242-3    | 5.349 | 4.635 | 27383  | 171529  | 29.516 | 200.530 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.726 | 0      | 31562   | N.D.   | 37.994 #   |
| 20)                         | L4 AR-1242-5    | 0.000 | 5.241 | 0      | 15534   | N.D.   | 14.272 #   |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.393 | 0      | 1522908 | N.D.   | 1952.218 # |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.688 | 0      | 34803   | N.D.   | 28.773 #   |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.726 | 0      | 31562   | N.D.   | 25.440 #   |
| 24)                         | L5 AR-1248-4    | 0.000 | 4.913 | 0      | 27586   | N.D.   | 18.800 #   |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.280 | 0      | 16007   | N.D.   | 10.313 #   |
| 26)                         | L6 AR-1254-1    | 0.000 | 5.241 | 0      | 15534   | N.D.   | 6.733 #    |
| 27)                         | L6 AR-1254-2    | 0.000 | 5.393 | 0      | 8311    | N.D.   | 4.097 #    |
| 30)                         | L6 AR-1254-5    | 0.000 | 6.418 | 0      | 6949    | N.D.   | 2.191 #    |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.924 | 0      | 2777    | N.D.   | 1.114 #    |
| 32)                         | L7 AR-1260-2    | 0.000 | 6.093 | 0      | 21382   | N.D.   | 6.827 #    |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.234 | 0      | 21948   | N.D.   | 7.461 #    |
| 34)                         | L7 AR-1260-4    | 0.000 | 6.783 | 0      | 10460   | N.D.   | 4.069 #    |
| 35)                         | L7 AR-1260-5    | 0.000 | 6.970 | 0      | 29208   | N.D.   | 4.707 #    |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.418 | 0      | 6949    | N.D.   | 4.444 #    |
| 37)                         | L8 AR-1262-2    | 0.000 | 6.970 | 0      | 29208   | N.D.   | 5.058 #    |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.236 | 0      | 36108   | N.D.   | 14.938 #   |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.286 | 0      | 22058   | N.D.   | 4.975 #    |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.236 | 0      | 36108   | N.D.   | 5.012 #    |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.286 | 0      | 22058   | N.D.   | 3.314 #    |
| 43)                         | L9 AR-1268-3    | 0.000 | 7.498 | 0      | 29135   | N.D.   | 5.261 #    |
| 45)                         | L9 AR-1268-5    | 0.000 | 8.062 | 0      | 12325   | N.D.   | 0.701 #    |
| -----                       |                 |       |       |        |         |        |            |

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

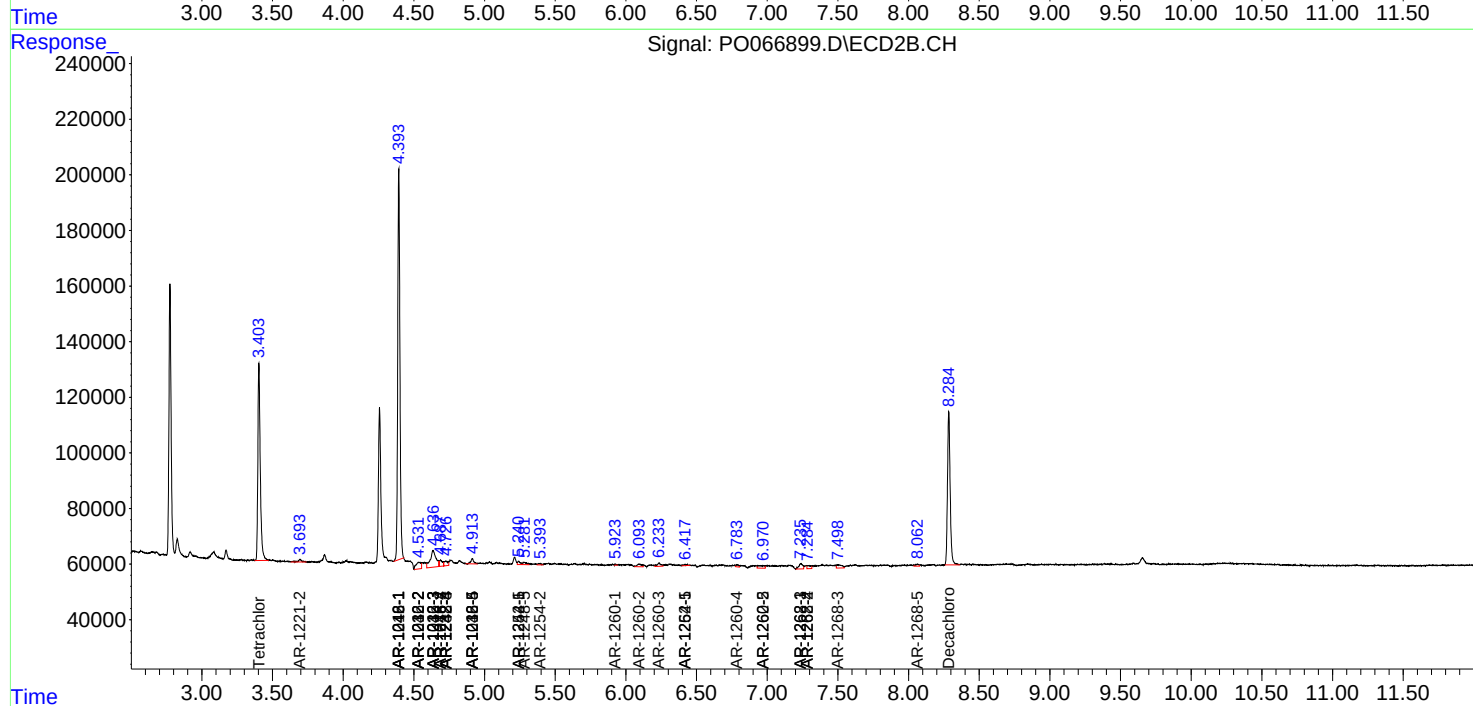
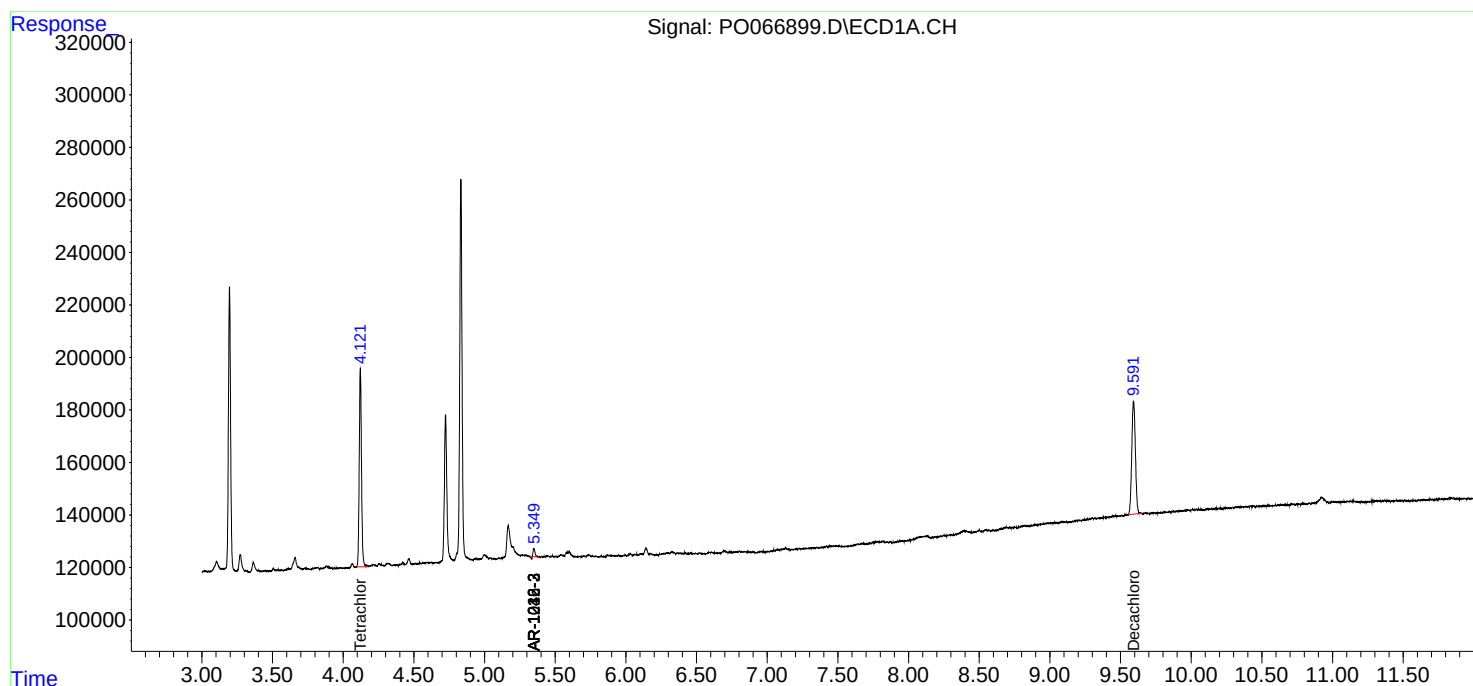
Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B

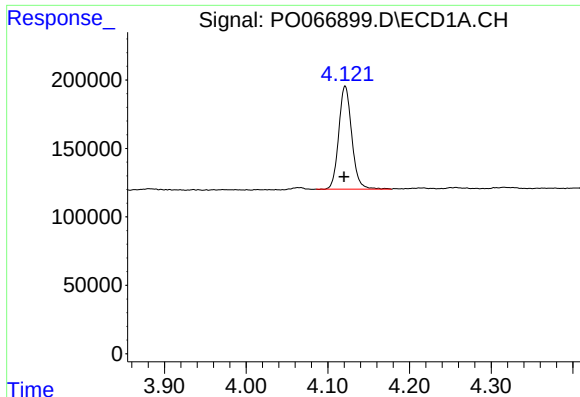
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0030220\  
Data File : P0066899.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 02 Mar 2020 16:47  
Operator : DD\AJ  
Sample : L1716-09  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 02 17:18:31 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0022620.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Feb 26 14:12:46 2020  
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

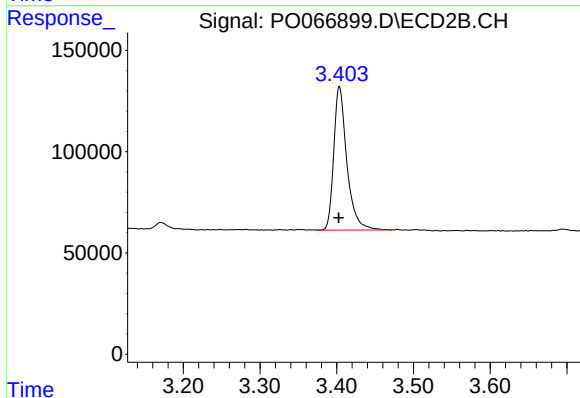




#1 Tetrachloro-m-xylene

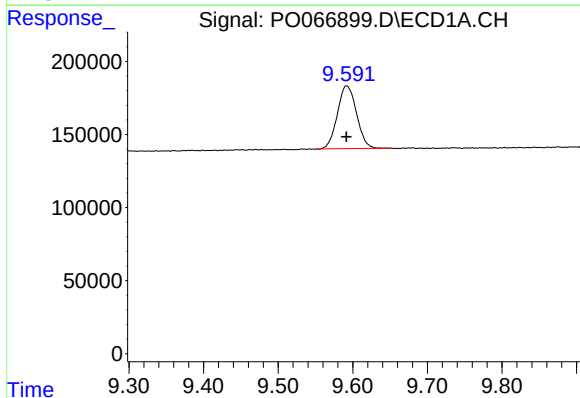
R.T.: 4.121 min  
Delta R.T.: 0.001 min  
Response: 834751  
Conc: 20.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



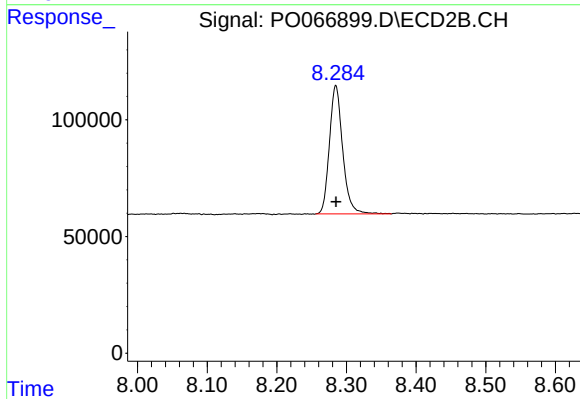
#1 Tetrachloro-m-xylene

R.T.: 3.403 min  
Delta R.T.: 0.000 min  
Response: 840745  
Conc: 19.04 ng/ml



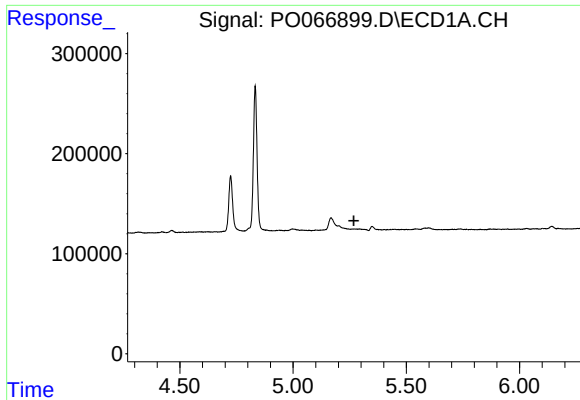
#2 Decachlorobiphenyl

R.T.: 9.592 min  
Delta R.T.: 0.000 min  
Response: 767862  
Conc: 15.74 ng/ml



#2 Decachlorobiphenyl

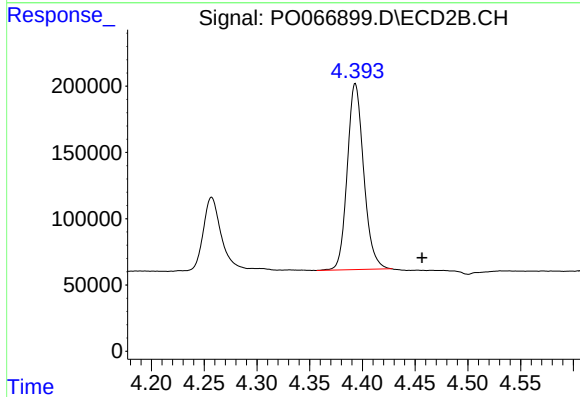
R.T.: 8.285 min  
Delta R.T.: 0.000 min  
Response: 727320  
Conc: 14.46 ng/ml



#3 AR-1016-1

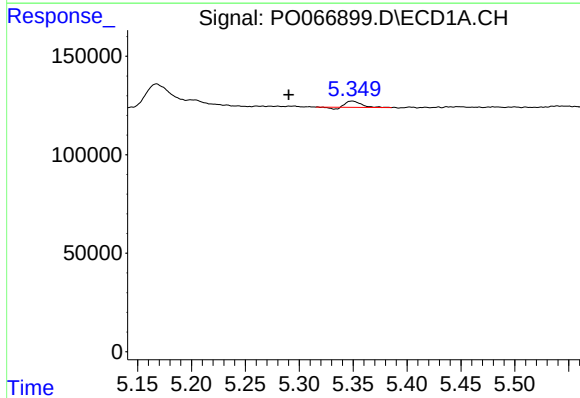
R.T.: 0.000 min  
Exp R.T.: 5.268 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



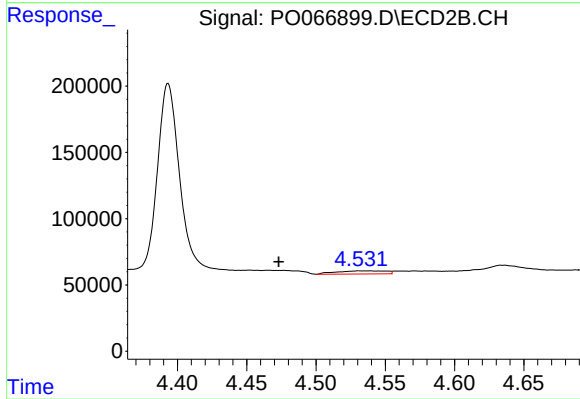
#3 AR-1016-1

R.T.: 4.393 min  
Delta R.T.: -0.063 min  
Response: 1522908  
Conc: 1115.94 ng/ml



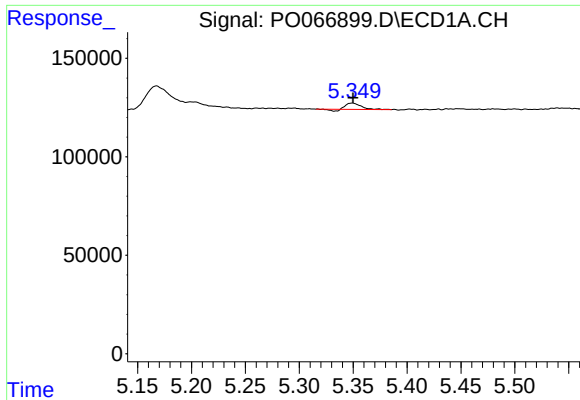
#4 AR-1016-2

R.T.: 5.349 min  
Delta R.T.: 0.059 min  
Response: 27383  
Conc: 11.51 ng/ml



#4 AR-1016-2

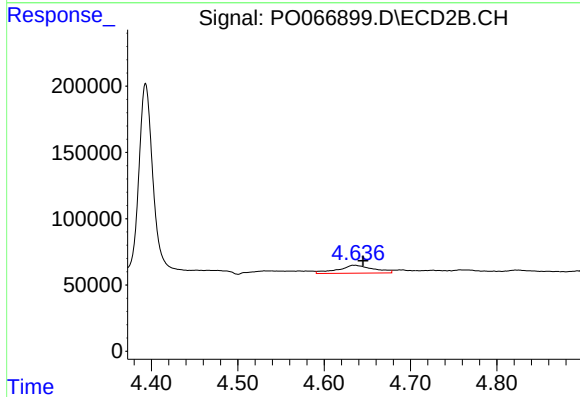
R.T.: 4.539 min  
Delta R.T.: 0.066 min  
Response: 58971  
Conc: 20.86 ng/ml



#5 AR-1016-3

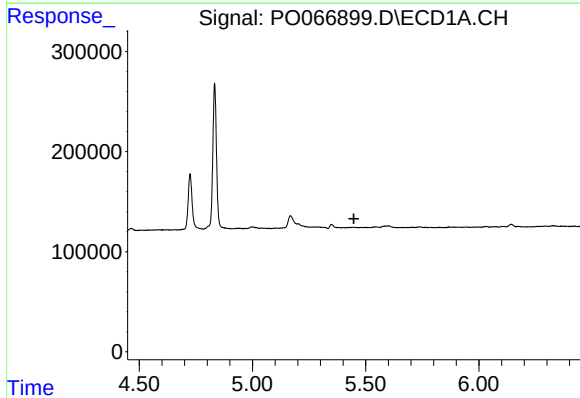
R.T.: 5.349 min  
Delta R.T.: 0.000 min  
Response: 27383  
Conc: 19.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



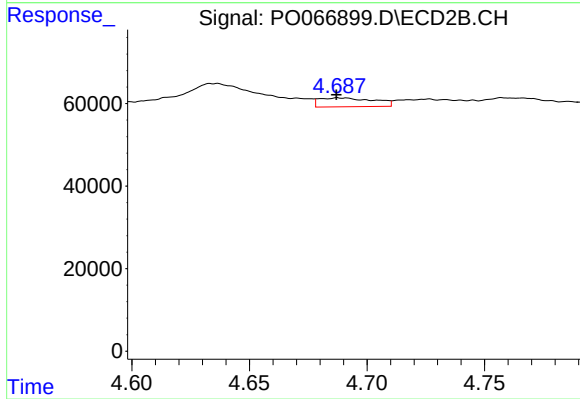
#5 AR-1016-3

R.T.: 4.635 min  
Delta R.T.: -0.010 min  
Response: 171529  
Conc: 136.98 ng/ml



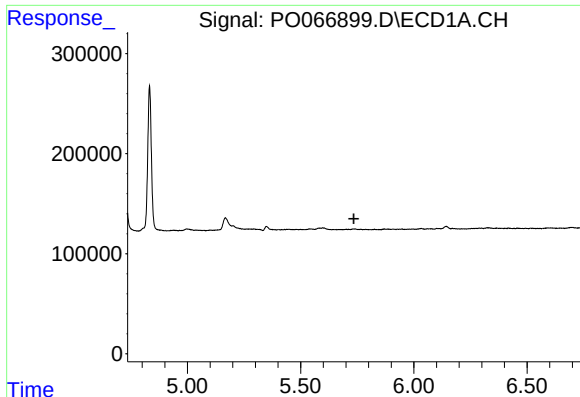
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.448 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

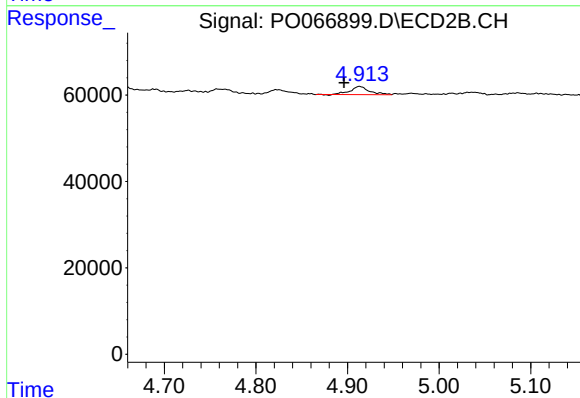
R.T.: 4.688 min  
Delta R.T.: 0.001 min  
Response: 34803  
Conc: 33.84 ng/ml



#7 AR-1016-5

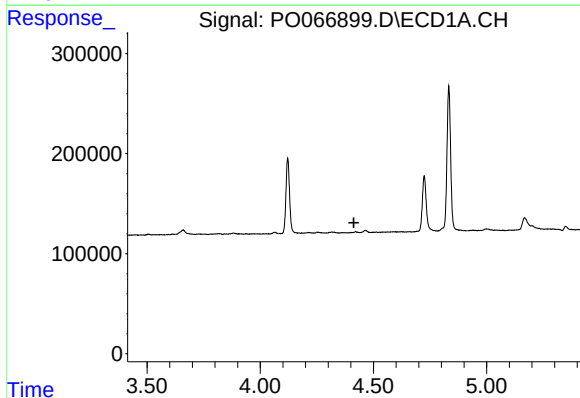
R.T.: 0.000 min  
Exp R.T.: 5.736 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



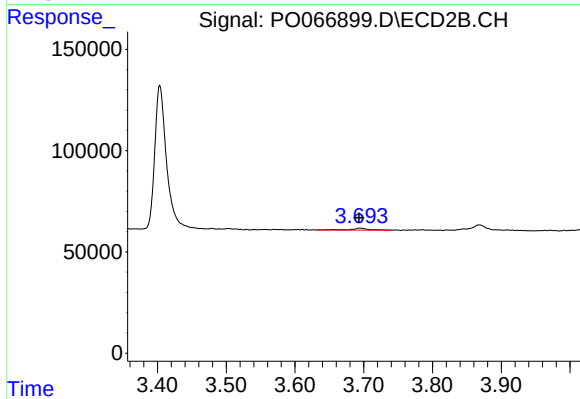
#7 AR-1016-5

R.T.: 4.913 min  
Delta R.T.: 0.017 min  
Response: 27586  
Conc: 21.66 ng/ml



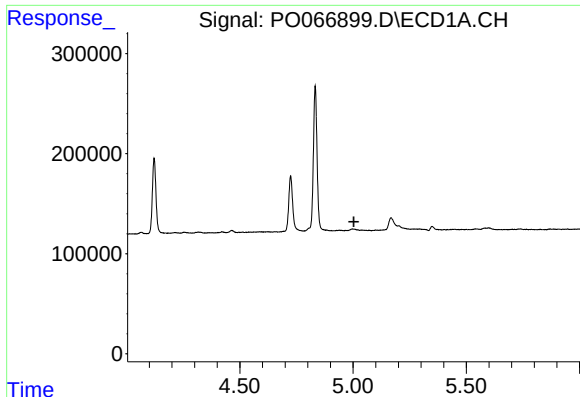
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 4.414 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

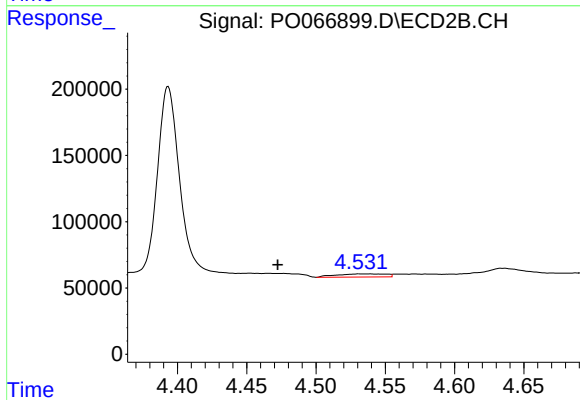
R.T.: 3.694 min  
Delta R.T.: 0.001 min  
Response: 18761  
Conc: 54.33 ng/ml



#12 AR-1232-2

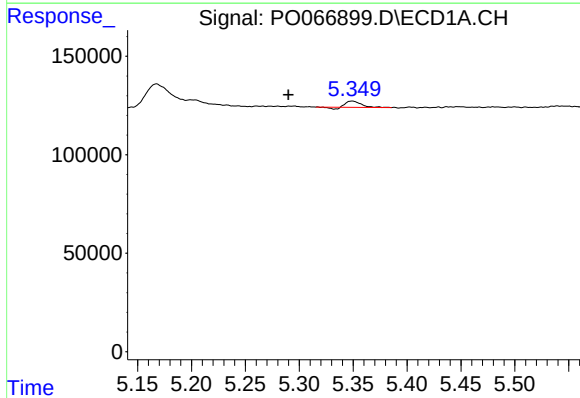
R.T.: 0.000 min  
Exp R.T.: 5.004 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



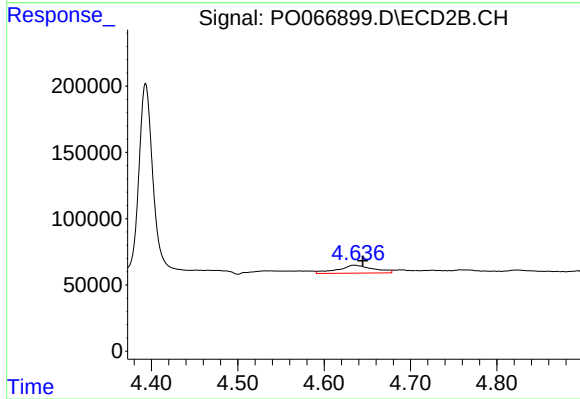
#12 AR-1232-2

R.T.: 4.539 min  
Delta R.T.: 0.067 min  
Response: 58971  
Conc: 57.46 ng/ml



#13 AR-1232-3

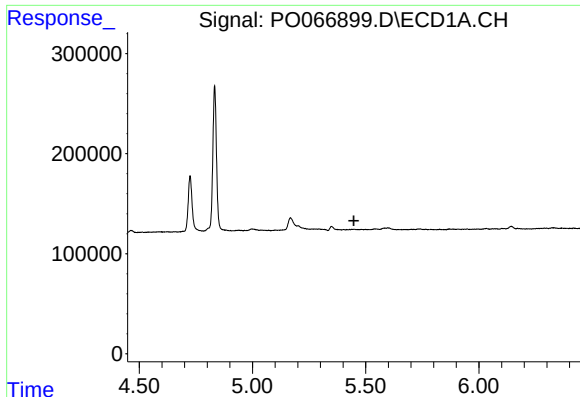
R.T.: 5.349 min  
Delta R.T.: 0.059 min  
Response: 27383  
Conc: 33.03 ng/ml



#13 AR-1232-3

R.T.: 4.635 min  
Delta R.T.: -0.009 min  
Response: 171529  
Conc: 372.43 ng/ml

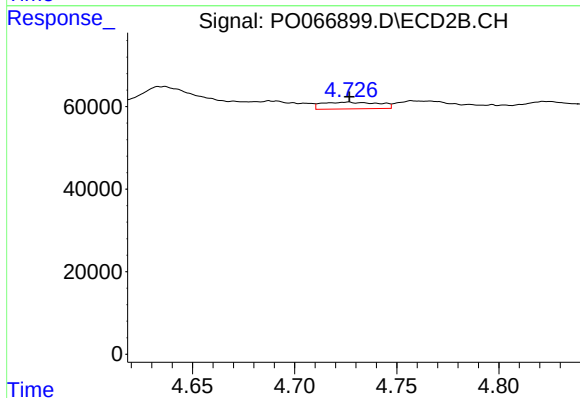




#14 AR-1232-4

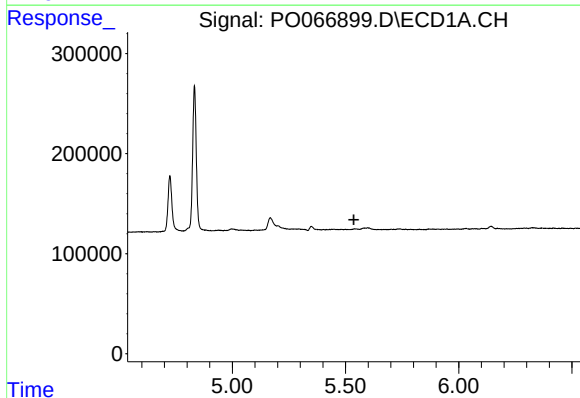
R.T.: 0.000 min  
Exp R.T. : 5.447 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



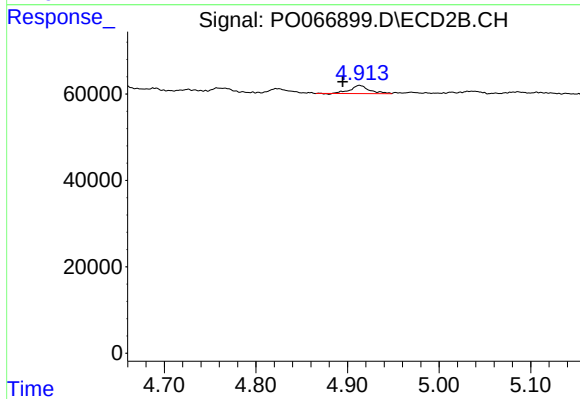
#14 AR-1232-4

R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 31562  
Conc: 77.91 ng/ml



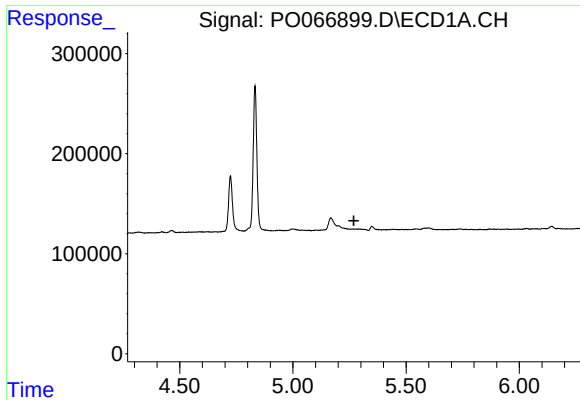
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.537 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

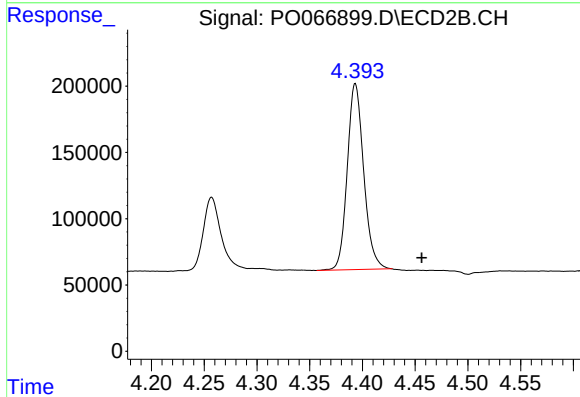
R.T.: 4.913 min  
Delta R.T.: 0.018 min  
Response: 27586  
Conc: 66.52 ng/ml



#16 AR-1242-1

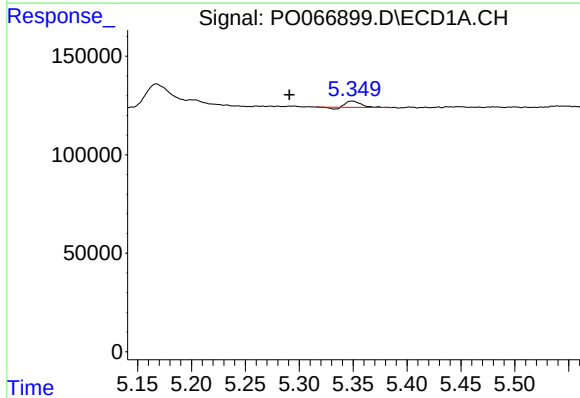
R.T.: 0.000 min  
Exp R.T.: 5.269 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



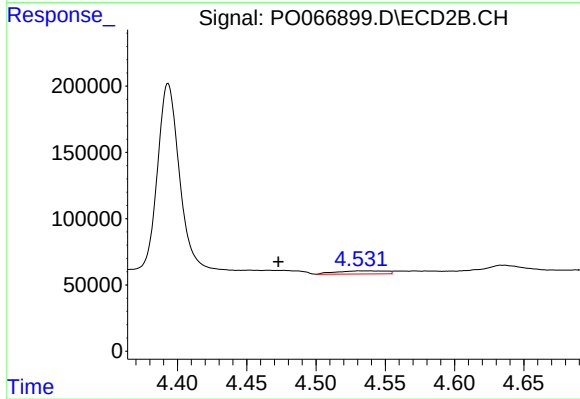
#16 AR-1242-1

R.T.: 4.393 min  
Delta R.T.: -0.063 min  
Response: 1522908  
Conc: 1676.33 ng/ml



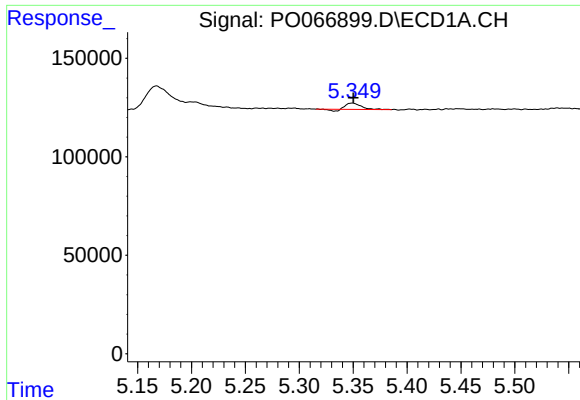
#17 AR-1242-2

R.T.: 5.349 min  
Delta R.T.: 0.058 min  
Response: 27383  
Conc: 17.21 ng/ml



#17 AR-1242-2

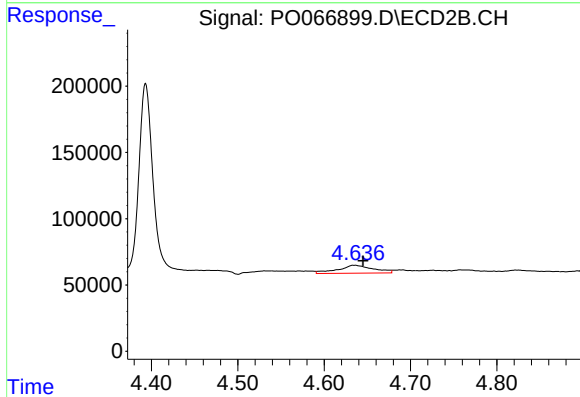
R.T.: 4.539 min  
Delta R.T.: 0.066 min  
Response: 58971  
Conc: 31.69 ng/ml



#18 AR-1242-3

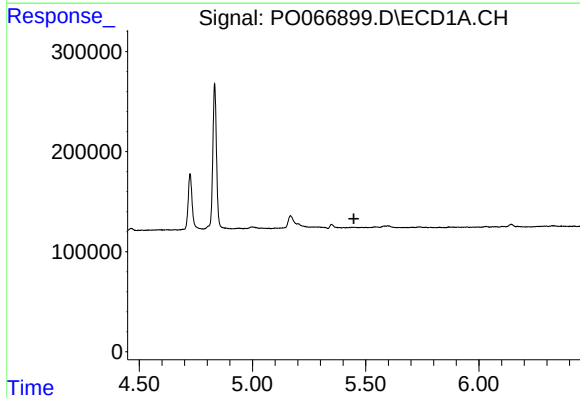
R.T.: 5.349 min  
Delta R.T.: -0.001 min  
Response: 27383  
Conc: 29.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



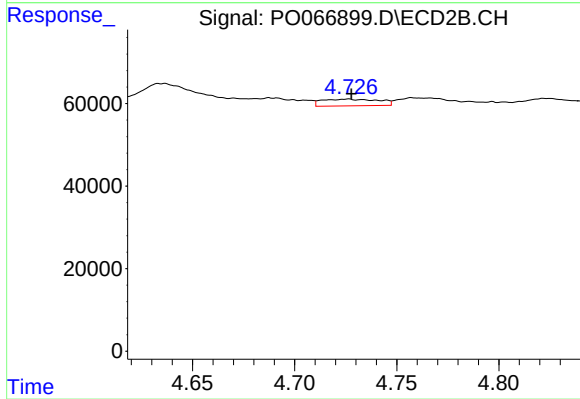
#18 AR-1242-3

R.T.: 4.635 min  
Delta R.T.: -0.010 min  
Response: 171529  
Conc: 200.53 ng/ml



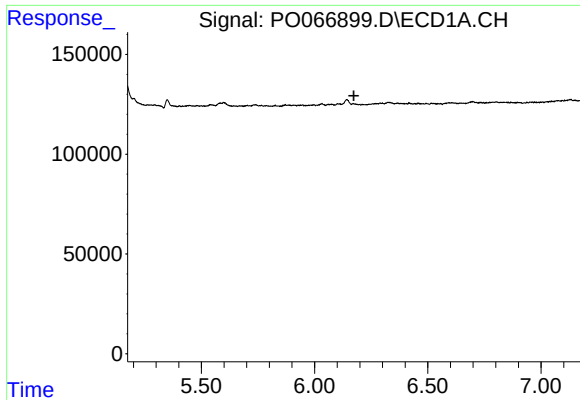
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.448 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

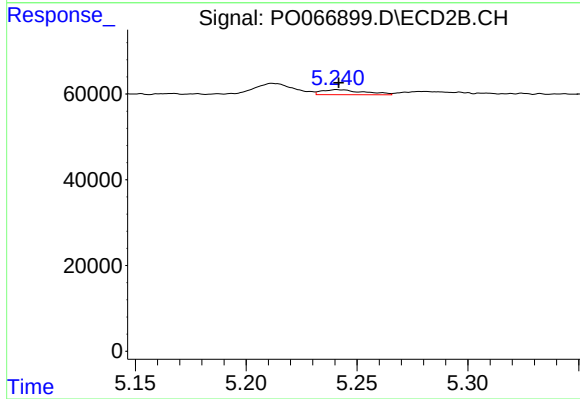
R.T.: 4.726 min  
Delta R.T.: -0.002 min  
Response: 31562  
Conc: 37.99 ng/ml



#20 AR-1242-5

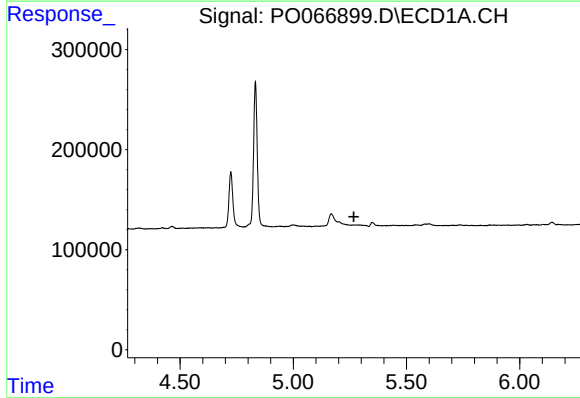
R.T.: 0.000 min  
Exp R.T. : 6.173 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



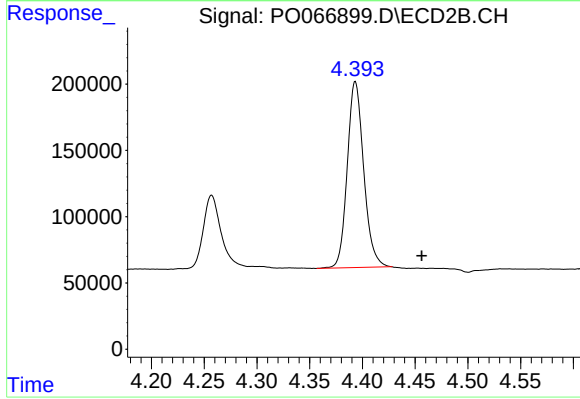
#20 AR-1242-5

R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 15534  
Conc: 14.27 ng/ml



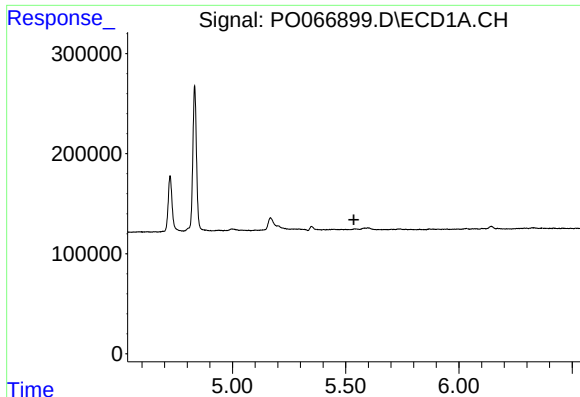
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.268 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

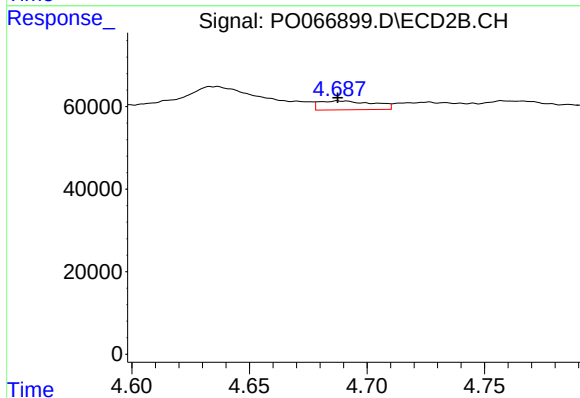
R.T.: 4.393 min  
Delta R.T.: -0.063 min  
Response: 1522908  
Conc: 1952.22 ng/ml



#22 AR-1248-2

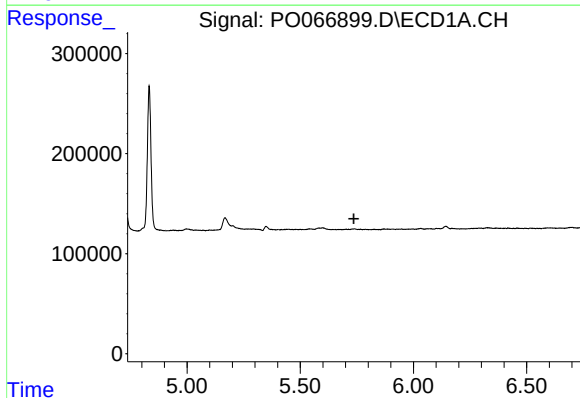
R.T.: 0.000 min  
Exp R.T.: 5.536 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



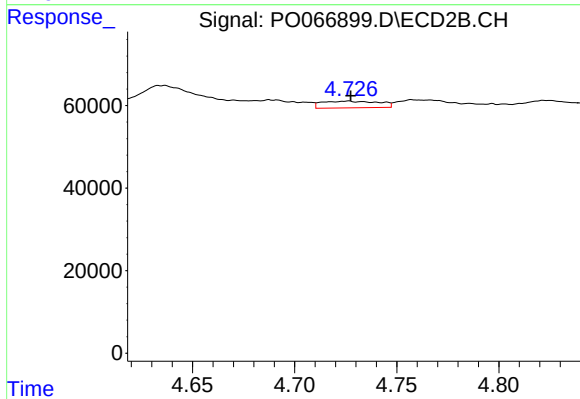
#22 AR-1248-2

R.T.: 4.688 min  
Delta R.T.: 0.000 min  
Response: 34803  
Conc: 28.77 ng/ml



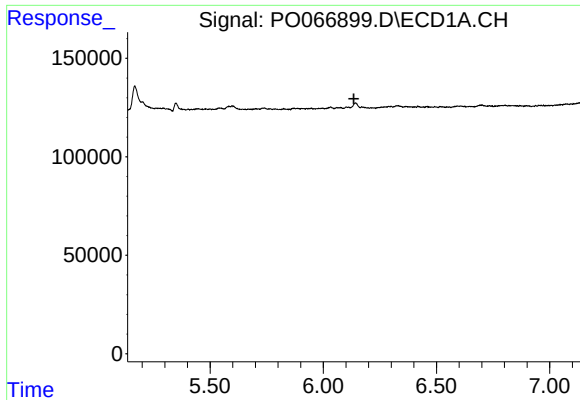
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 5.737 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

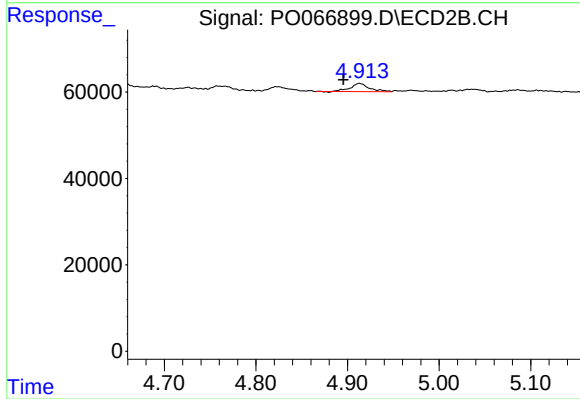
R.T.: 4.726 min  
Delta R.T.: -0.001 min  
Response: 31562  
Conc: 25.44 ng/ml



#24 AR-1248-4

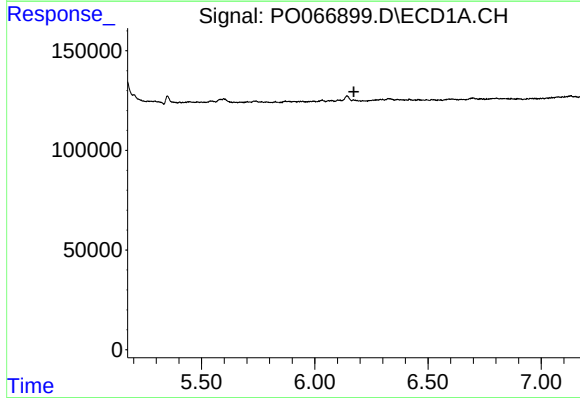
R.T.: 0.000 min  
Exp R.T.: 6.136 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



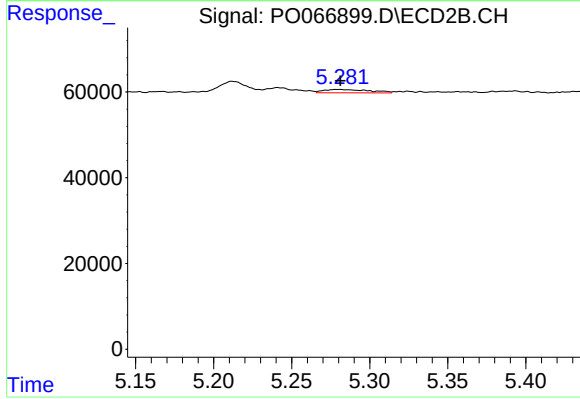
#24 AR-1248-4

R.T.: 4.913 min  
Delta R.T.: 0.018 min  
Response: 27586  
Conc: 18.80 ng/ml



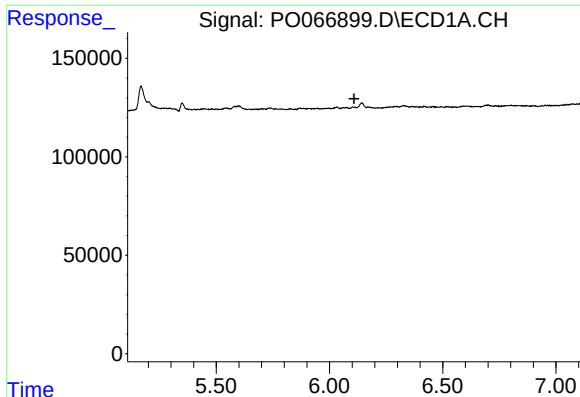
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.173 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

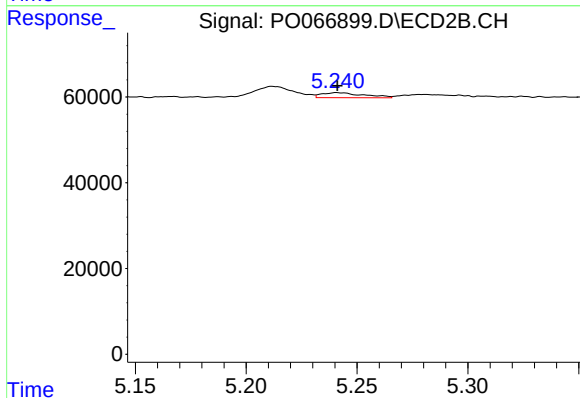
R.T.: 5.280 min  
Delta R.T.: -0.001 min  
Response: 16007  
Conc: 10.31 ng/ml



#26 AR-1254-1

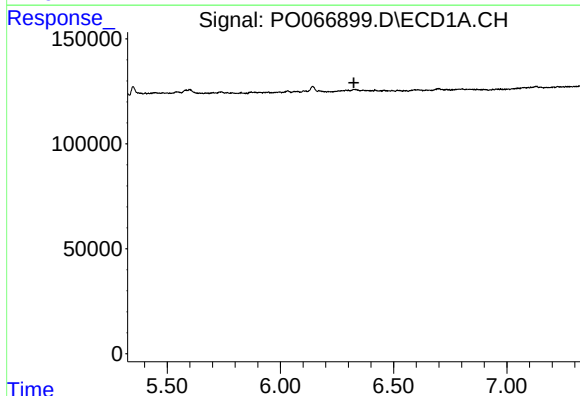
R.T.: 0.000 min  
Exp R.T.: 6.108 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



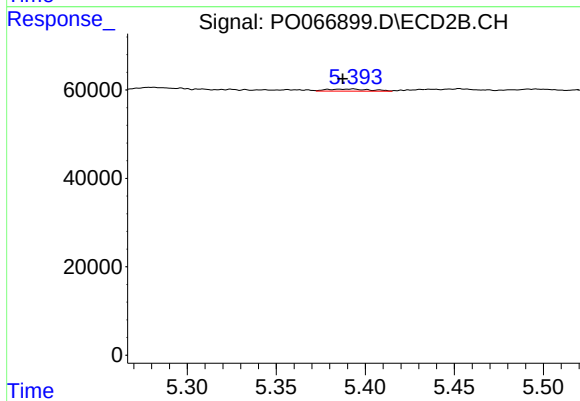
#26 AR-1254-1

R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 15534  
Conc: 6.73 ng/ml



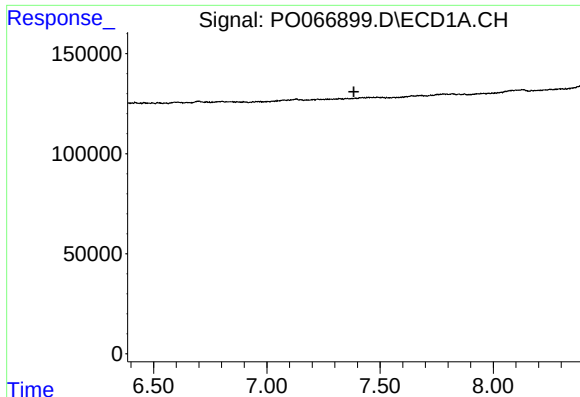
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 6.325 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

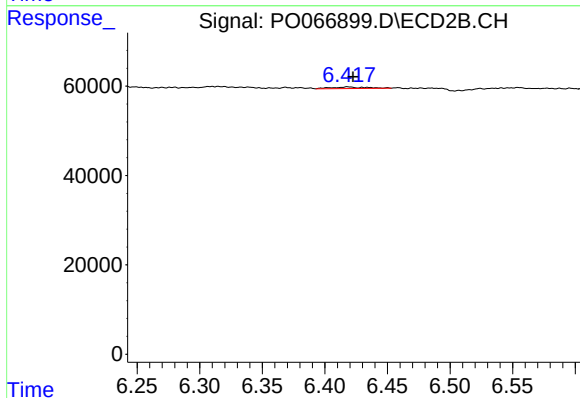
R.T.: 5.393 min  
Delta R.T.: 0.006 min  
Response: 8311  
Conc: 4.10 ng/ml



#30 AR-1254-5

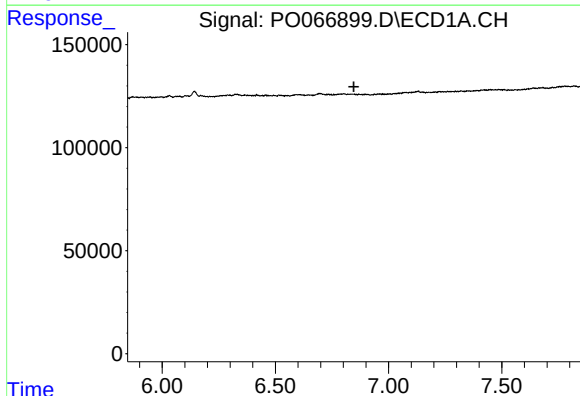
R.T.: 0.000 min  
Exp R.T.: 7.384 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



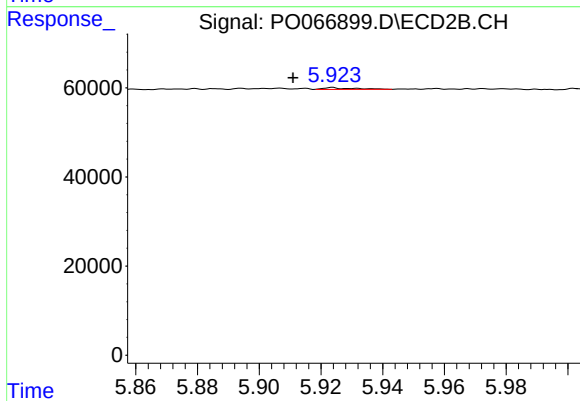
#30 AR-1254-5

R.T.: 6.418 min  
Delta R.T.: -0.004 min  
Response: 6949  
Conc: 2.19 ng/ml



#31 AR-1260-1

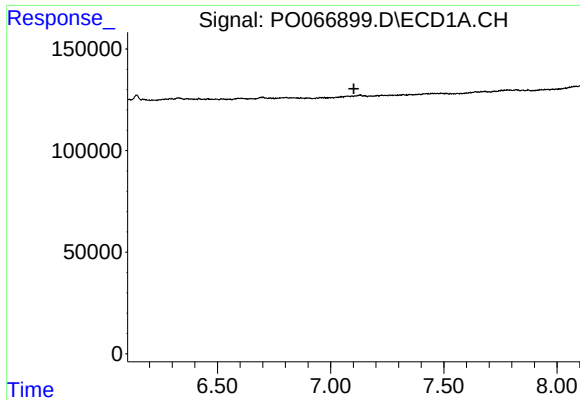
R.T.: 0.000 min  
Exp R.T.: 6.847 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

R.T.: 5.924 min  
Delta R.T.: 0.013 min  
Response: 2777  
Conc: 1.11 ng/ml

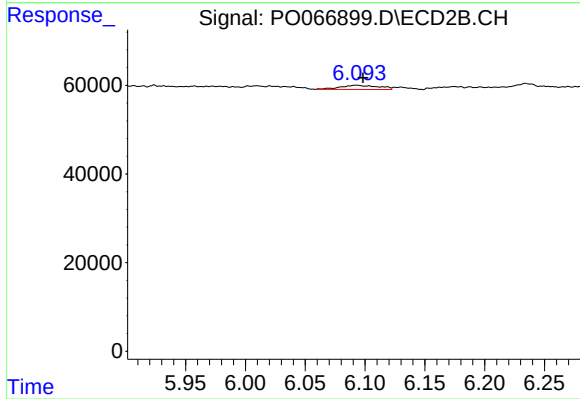




#32 AR-1260-2

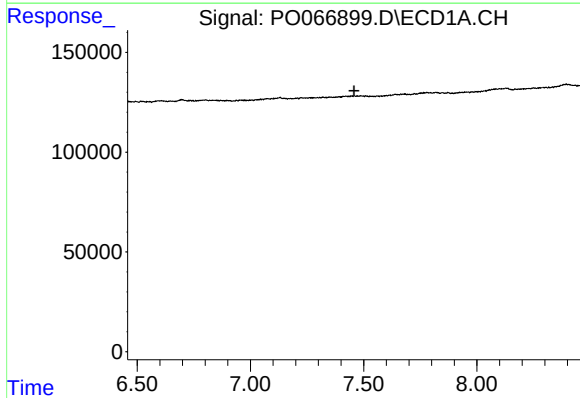
R.T.: 0.000 min  
Exp R.T.: 7.102 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



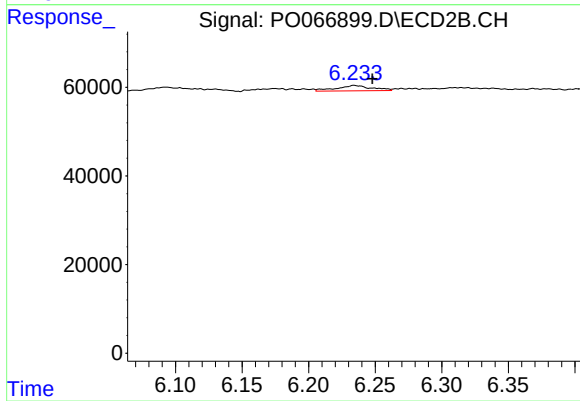
#32 AR-1260-2

R.T.: 6.093 min  
Delta R.T.: -0.005 min  
Response: 21382  
Conc: 6.83 ng/ml



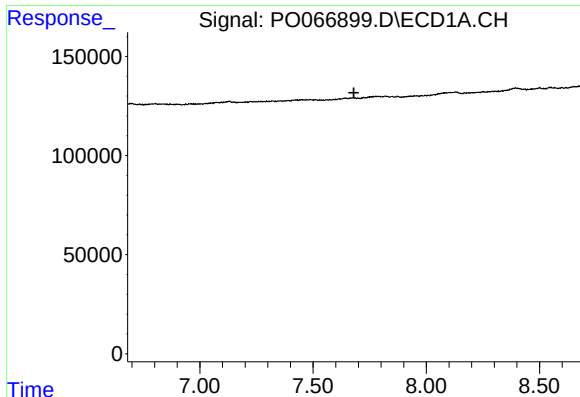
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.457 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

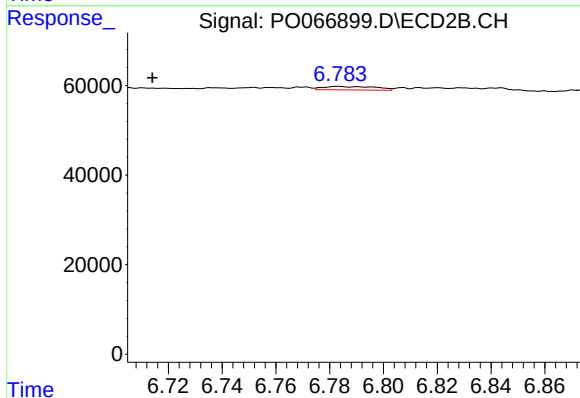
R.T.: 6.234 min  
Delta R.T.: -0.014 min  
Response: 21948  
Conc: 7.46 ng/ml



#34 AR-1260-4

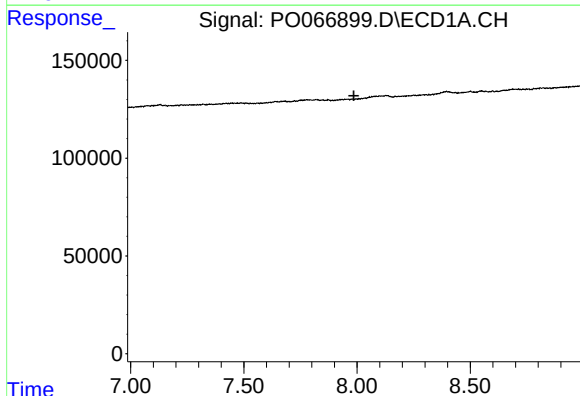
R.T.: 0.000 min  
Exp R.T.: 7.680 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



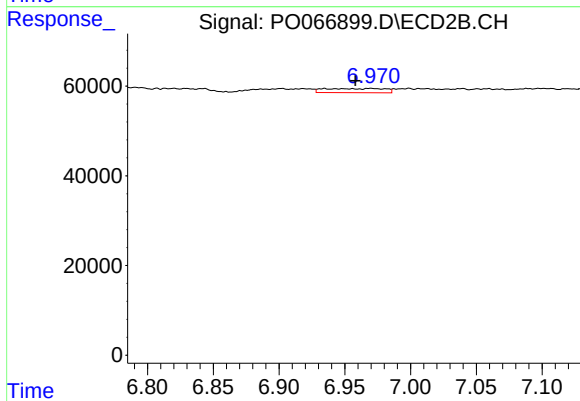
#34 AR-1260-4

R.T.: 6.783 min  
Delta R.T.: 0.069 min  
Response: 10460  
Conc: 4.07 ng/ml



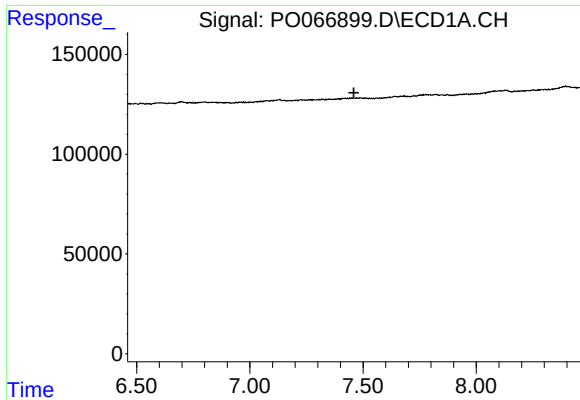
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 7.986 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

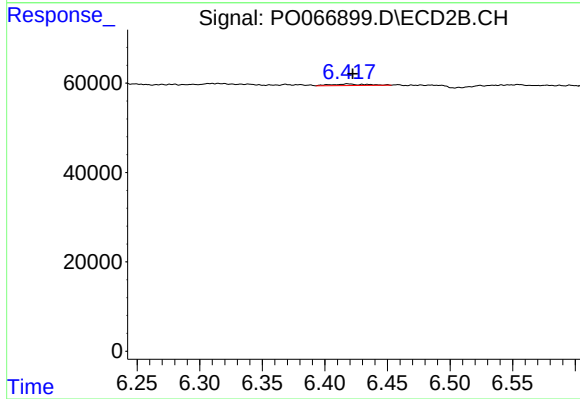
R.T.: 6.970 min  
Delta R.T.: 0.012 min  
Response: 29208  
Conc: 4.71 ng/ml



#36 AR-1262-1

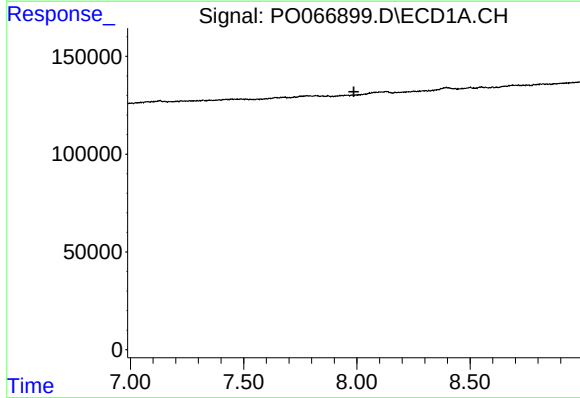
R.T.: 0.000 min  
Exp R.T.: 7.459 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



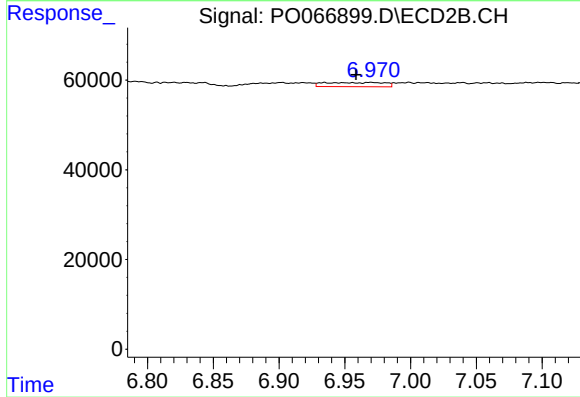
#36 AR-1262-1

R.T.: 6.418 min  
Delta R.T.: -0.004 min  
Response: 6949  
Conc: 4.44 ng/ml



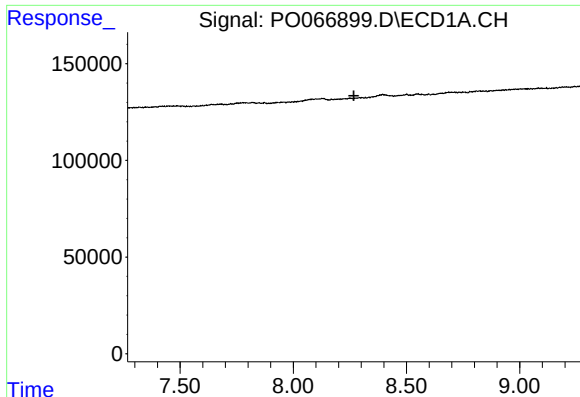
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 7.987 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

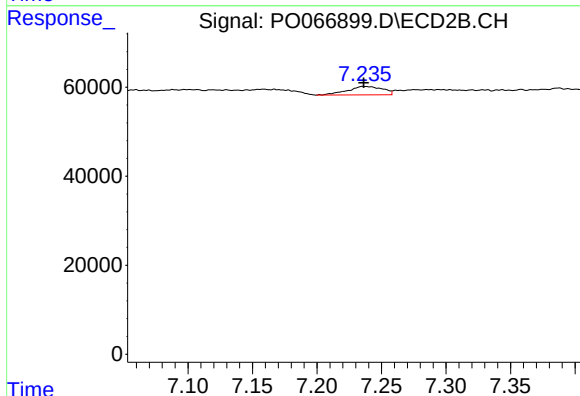
R.T.: 6.970 min  
Delta R.T.: 0.011 min  
Response: 29208  
Conc: 5.06 ng/ml



#38 AR-1262-3

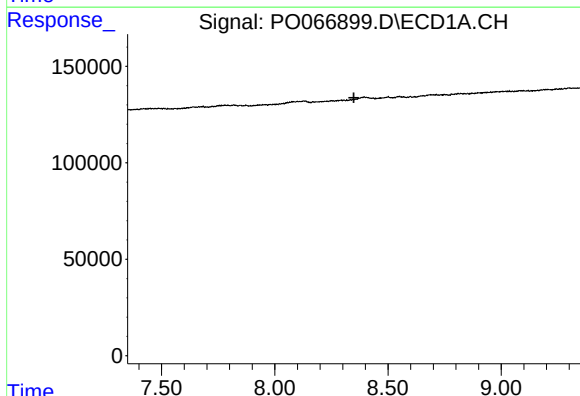
R.T.: 0.000 min  
Exp R.T. : 8.268 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



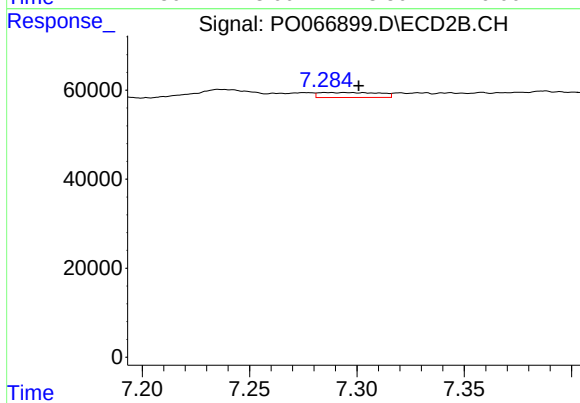
#38 AR-1262-3

R.T.: 7.236 min  
Delta R.T.: 0.000 min  
Response: 36108  
Conc: 14.94 ng/ml



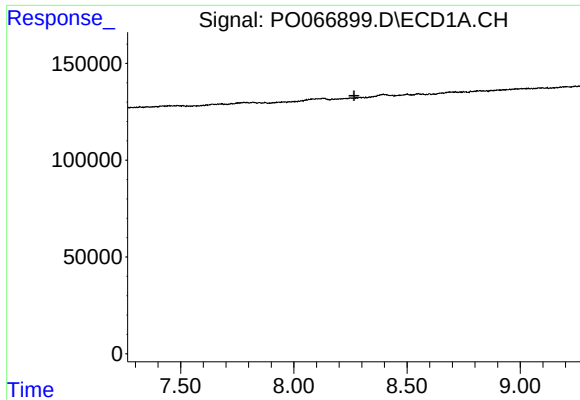
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.349 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

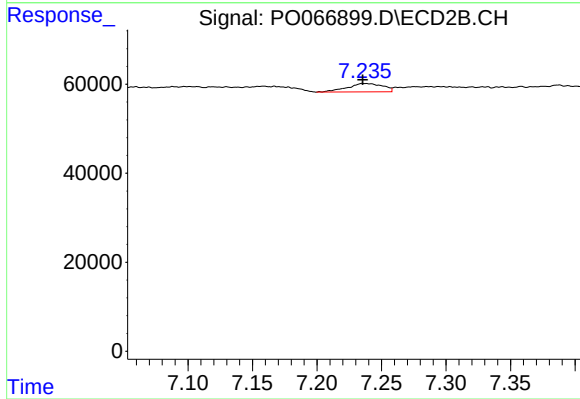
R.T.: 7.286 min  
Delta R.T.: -0.015 min  
Response: 22058  
Conc: 4.98 ng/ml



#41 AR-1268-1

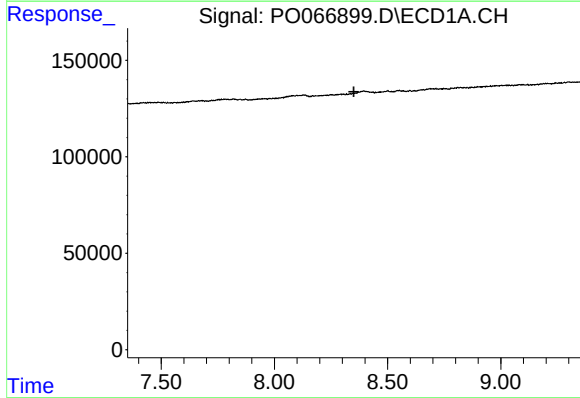
R.T.: 0.000 min  
Exp R.T.: 8.266 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



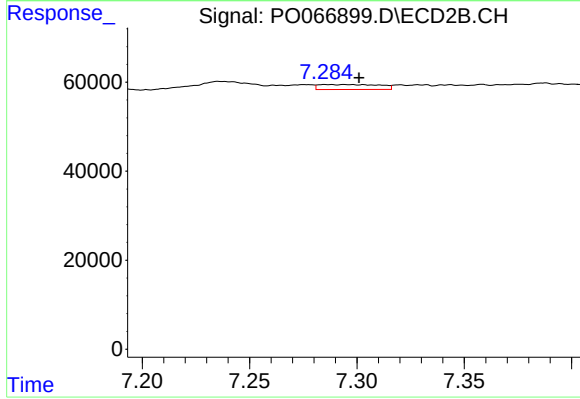
#41 AR-1268-1

R.T.: 7.236 min  
Delta R.T.: 0.000 min  
Response: 36108  
Conc: 5.01 ng/ml



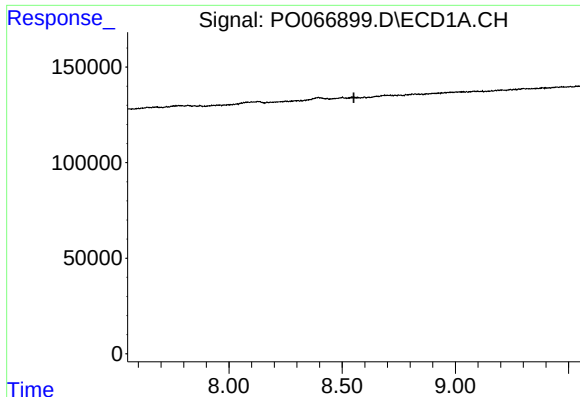
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.351 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

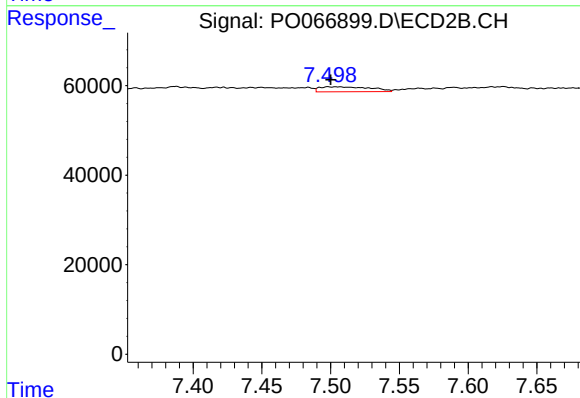
R.T.: 7.286 min  
Delta R.T.: -0.015 min  
Response: 22058  
Conc: 3.31 ng/ml



#43 AR-1268-3

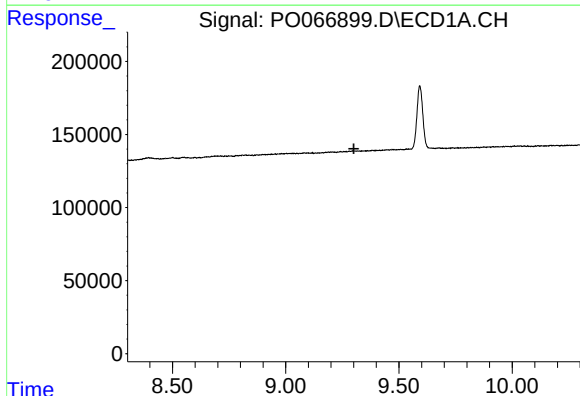
R.T.: 0.000 min  
Exp R.T.: 8.552 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WEST-B



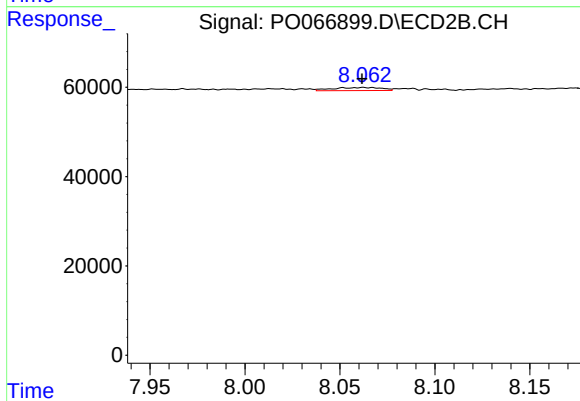
#43 AR-1268-3

R.T.: 7.498 min  
Delta R.T.: -0.002 min  
Response: 29135  
Conc: 5.26 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.301 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.062 min  
Delta R.T.: 0.000 min  
Response: 12325  
Conc: 0.70 ng/ml