

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO110921\  
 Data File : PO082695.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 09 Nov 2021 20:49  
 Operator : AJ\MA  
 Sample : M4583-03  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 10 00:53:55 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO110321.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Nov 03 05:20:12 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

|                             | Compound        | RT#1   | RT#2   | Resp#1  | Resp#2 | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|---------|--------|---------|----------|
| -----                       |                 |        |        |         |        |         |          |
| System Monitoring Compounds |                 |        |        |         |        |         |          |
| 1)                          | SA Tetrachlo... | 4.963  | 3.960  | 1815056 | 677295 | 20.737  | 21.886   |
| 2)                          | SA Decachlor... | 11.067 | 9.274  | 1692497 | 799895 | 26.800  | 27.781   |
| Target Compounds            |                 |        |        |         |        |         |          |
| 3)                          | L1 AR-1016-1    | 6.289  | 0.000  | 50583   | 0      | 17.439  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.442  | 0       | 15567  | N.D.    | 15.616 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.504  | 0       | 13088  | N.D.    | 16.046 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.705  | 0       | 18658  | N.D.    | 18.302 # |
| 8)                          | L2 AR-1221-1    | 5.217  | 0.000  | 247629  | 0      | 262.580 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.320  | 4.311  | 20991   | 11652  | 32.384  | 40.138   |
| 12)                         | L3 AR-1232-2    | 6.016  | 0.000  | 37407   | 0      | 42.303  | N.D. #   |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.442  | 0       | 15567  | N.D.    | 39.257 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.539  | 0       | 20477  | N.D.    | 59.295 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.705  | 0       | 18658  | N.D.    | 49.767 # |
| 16)                         | L4 AR-1242-1    | 6.289  | 0.000  | 50583   | 0      | 24.336  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.442  | 0       | 15567  | N.D.    | 21.356 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.539  | 0       | 20477  | N.D.    | 28.683 # |
| 20)                         | L4 AR-1242-5    | 0.000  | 6.106  | 0       | 53081  | N.D.    | 57.497 # |
| 21)                         | L5 AR-1248-1    | 6.289  | 0.000  | 50583   | 0      | 33.142  | N.D. #   |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.504  | 0       | 13088  | N.D.    | 12.853 # |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.539  | 0       | 20477  | N.D.    | 19.679 # |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.705  | 0       | 18658  | N.D.    | 15.220 # |
| 25)                         | L5 AR-1248-5    | 0.000  | 6.106f | 0       | 53081  | N.D.    | 42.957 # |
| 26)                         | L6 AR-1254-1    | 0.000  | 6.106  | 0       | 53081  | N.D.    | 27.328 # |
| 30)                         | L6 AR-1254-5    | 8.555  | 0.000  | 27824   | 0      | 8.652   | N.D. #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.811  | 0       | 8757   | N.D.    | 4.827 #  |
| 32)                         | L7 AR-1260-2    | 8.265  | 7.013  | 25941   | 19242  | 6.901   | 8.040    |
| 33)                         | L7 AR-1260-3    | 8.634  | 0.000  | 22036   | 0      | 7.781   | N.D. #   |
| 34)                         | L7 AR-1260-4    | 8.882  | 7.648  | 36529   | 44430  | 10.958  | 26.637 # |
| 35)                         | L7 AR-1260-5    | 9.199  | 7.898  | 18606   | 31917  | 2.965   | 7.665 #  |
| 36)                         | L8 AR-1262-1    | 8.634  | 0.000  | 22036   | 0      | 5.939   | N.D. #   |
| 37)                         | L8 AR-1262-2    | 9.199  | 7.898  | 18606   | 31917  | 2.913   | 7.821 #  |
| 38)                         | L8 AR-1262-3    | 9.514  | 8.186  | 58419   | 53929  | 20.372  | 33.071 # |
| 39)                         | L8 AR-1262-4    | 9.618  | 8.250  | 15767   | 39677  | 9.342   | 13.625 # |
| 41)                         | L9 AR-1268-1    | 9.514  | 8.186  | 58419   | 53929  | 7.157   | 10.312 # |
| 42)                         | L9 AR-1268-2    | 9.618  | 8.250  | 15767   | 39677  | 2.085   | 8.744 #  |
| 43)                         | L9 AR-1268-3    | 9.844  | 8.459  | 188712  | 131875 | 28.762  | 33.930   |
| 45)                         | L9 AR-1268-5    | 10.721 | 9.029  | 629676  | 328593 | 28.462  | 30.051   |
| -----                       |                 |        |        |         |        |         |          |

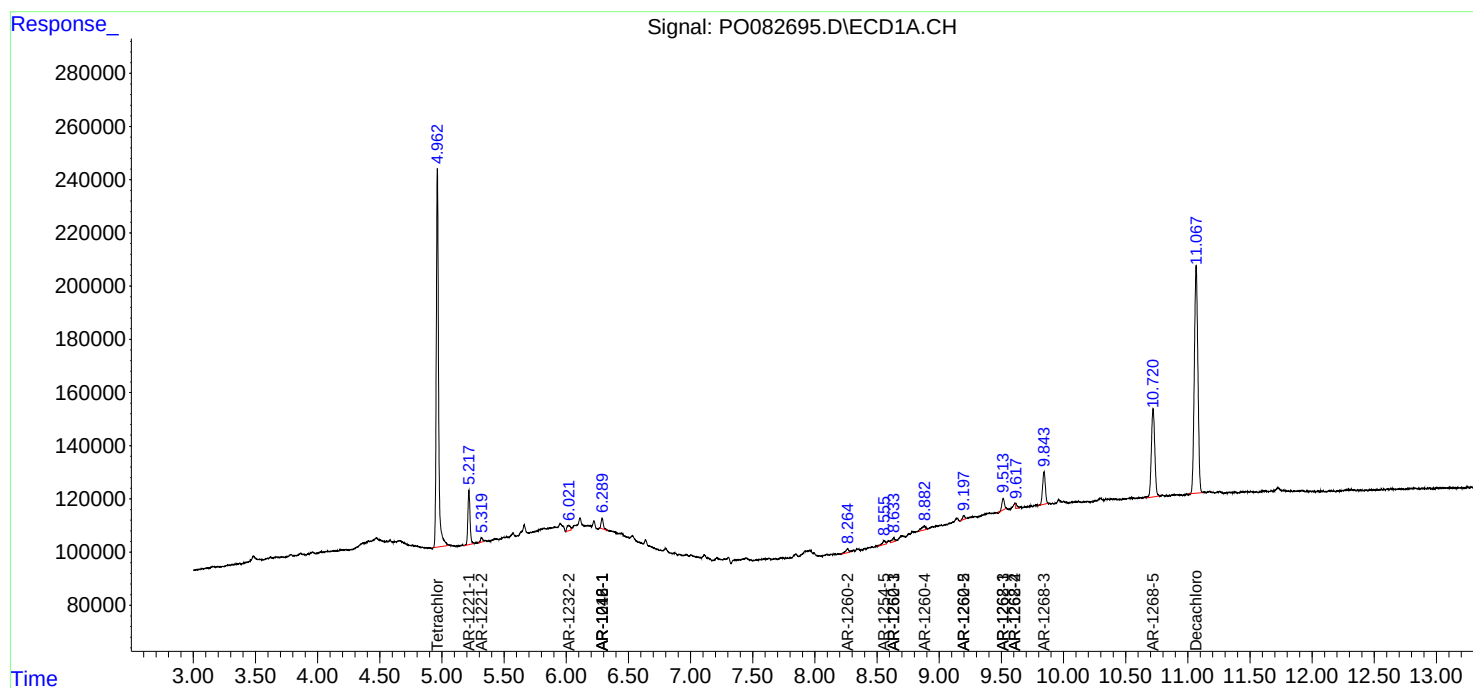
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

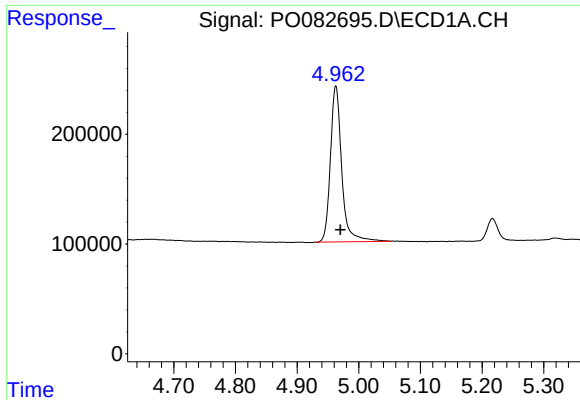
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO110921\  
Data File : P0082695.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 09 Nov 2021 20:49  
Operator : AJ\MA  
Sample : M4583-03  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 10 00:53:55 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO110321.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Nov 03 05:20:12 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

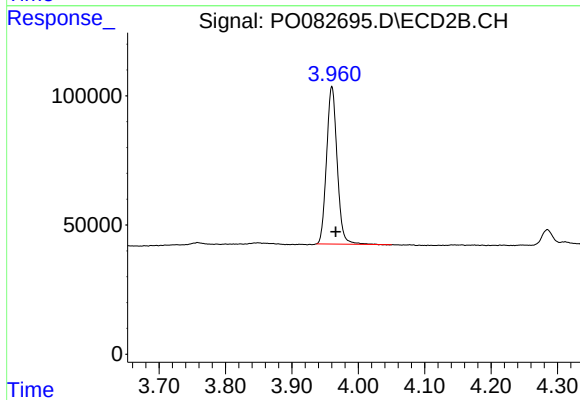




#1 Tetrachloro-m-xylene

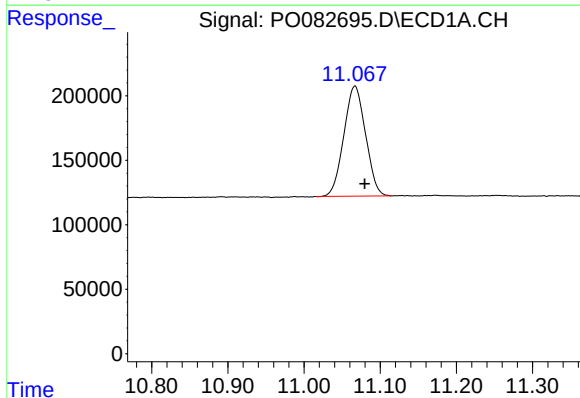
R.T.: 4.963 min  
Delta R.T.: -0.007 min  
Response: 1815056  
Conc: 20.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



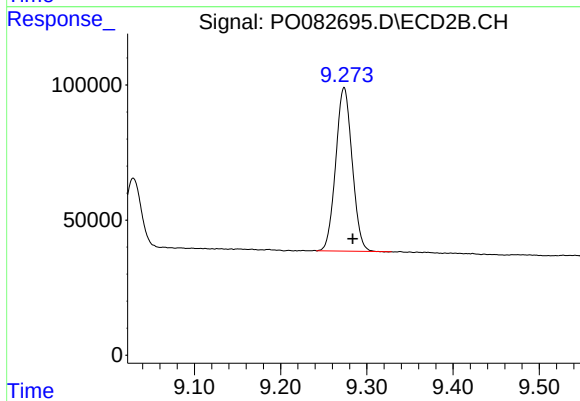
#1 Tetrachloro-m-xylene

R.T.: 3.960 min  
Delta R.T.: -0.006 min  
Response: 677295  
Conc: 21.89 ng/ml



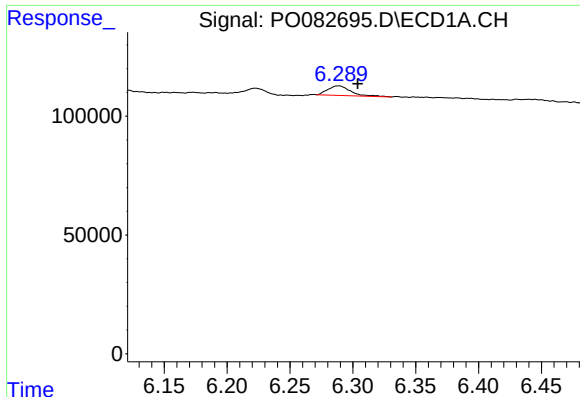
#2 Decachlorobiphenyl

R.T.: 11.067 min  
Delta R.T.: -0.013 min  
Response: 1692497  
Conc: 26.80 ng/ml



#2 Decachlorobiphenyl

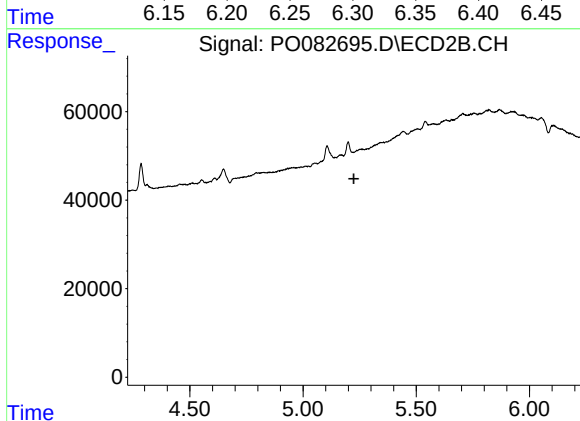
R.T.: 9.274 min  
Delta R.T.: -0.010 min  
Response: 799895  
Conc: 27.78 ng/ml



#3 AR-1016-1

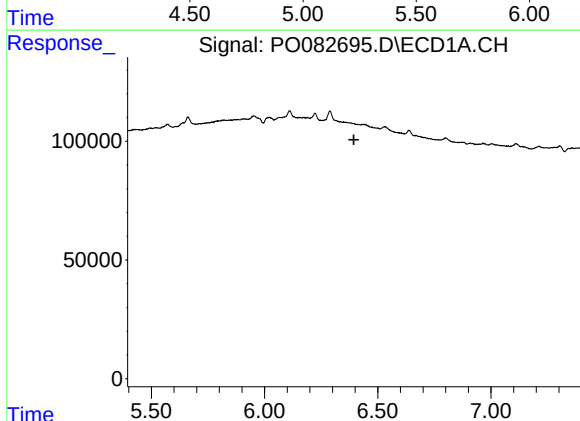
R.T.: 6.289 min  
Delta R.T.: -0.015 min  
Response: 50583  
Conc: 17.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



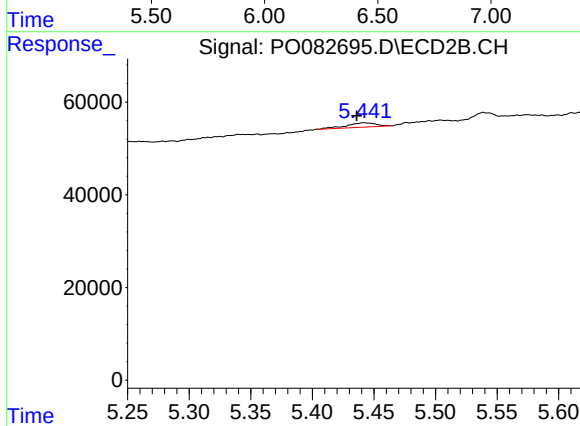
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.225 min  
Response: 0  
Conc: N.D.



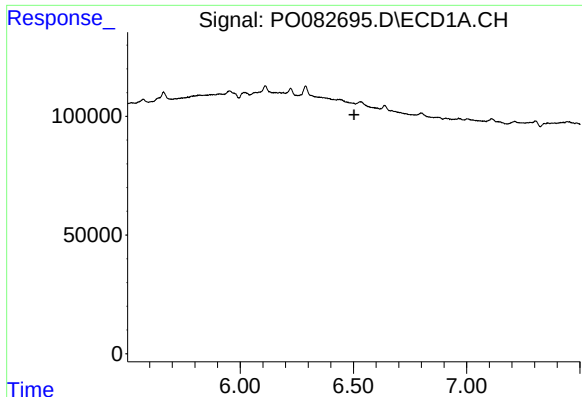
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 6.395 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

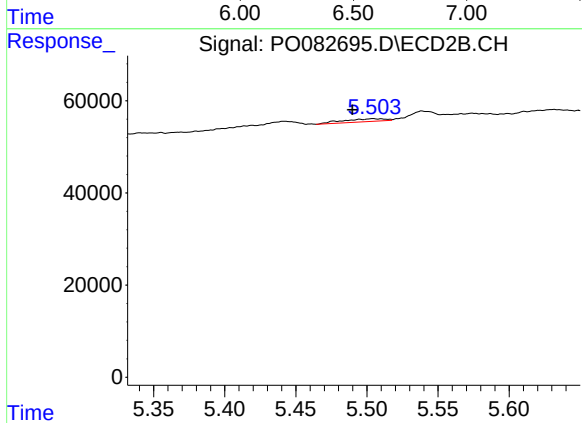
R.T.: 5.442 min  
Delta R.T.: 0.006 min  
Response: 15567  
Conc: 15.62 ng/ml



#6 AR-1016-4

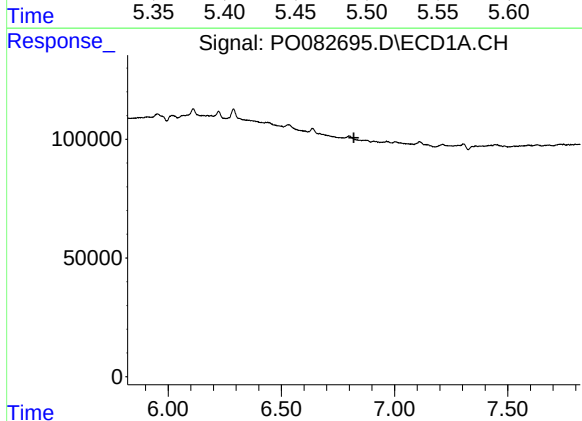
R.T.: 0.000 min  
Exp R.T.: 6.502 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



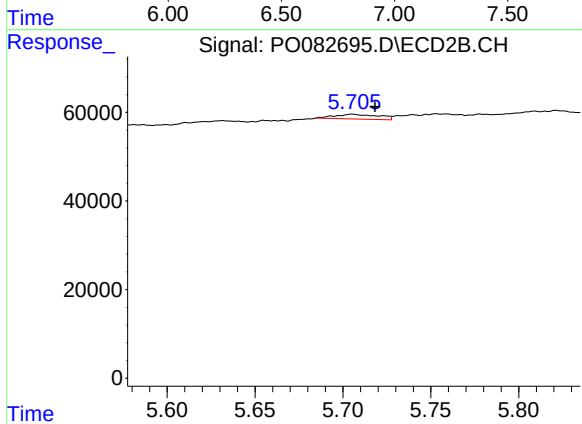
#6 AR-1016-4

R.T.: 5.504 min  
Delta R.T.: 0.015 min  
Response: 13088  
Conc: 16.05 ng/ml



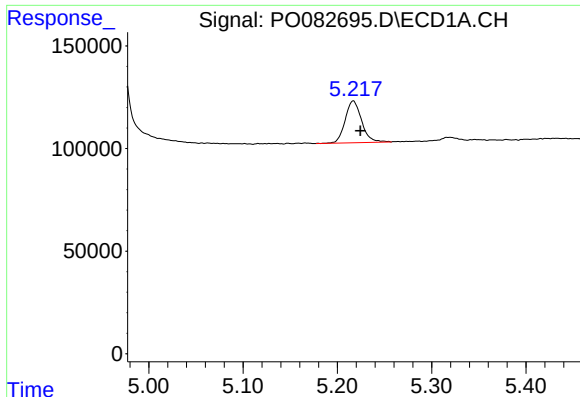
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 6.820 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

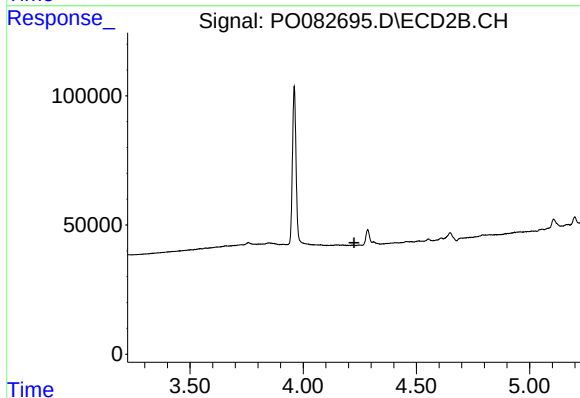
R.T.: 5.705 min  
Delta R.T.: -0.013 min  
Response: 18658  
Conc: 18.30 ng/ml



#8 AR-1221-1

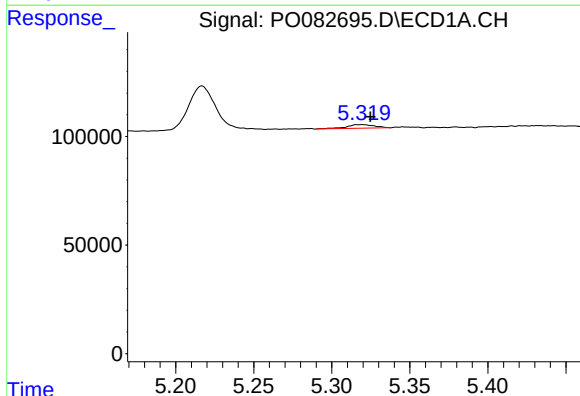
R.T.: 5.217 min  
Delta R.T.: -0.007 min  
Response: 247629  
Conc: 262.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



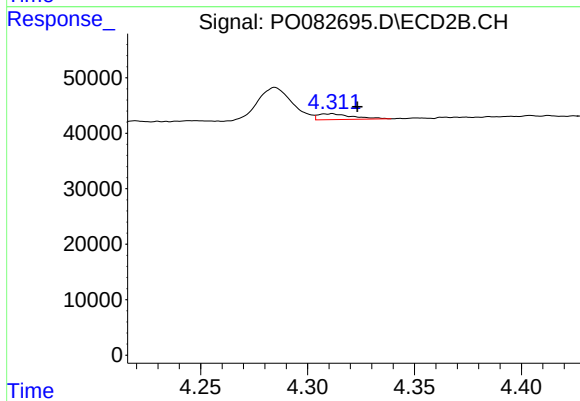
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.224 min  
Response: 0  
Conc: N.D.



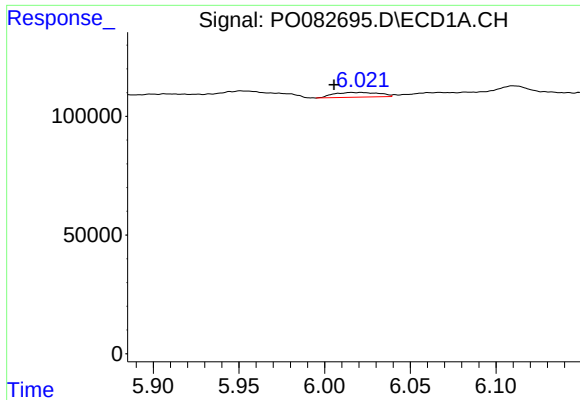
#9 AR-1221-2

R.T.: 5.320 min  
Delta R.T.: -0.005 min  
Response: 20991  
Conc: 32.38 ng/ml



#9 AR-1221-2

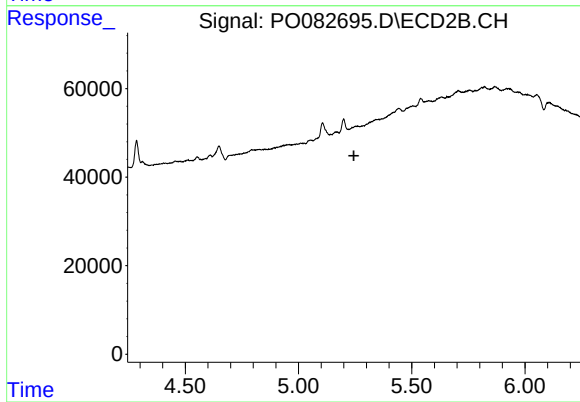
R.T.: 4.311 min  
Delta R.T.: -0.012 min  
Response: 11652  
Conc: 40.14 ng/ml



#12 AR-1232-2

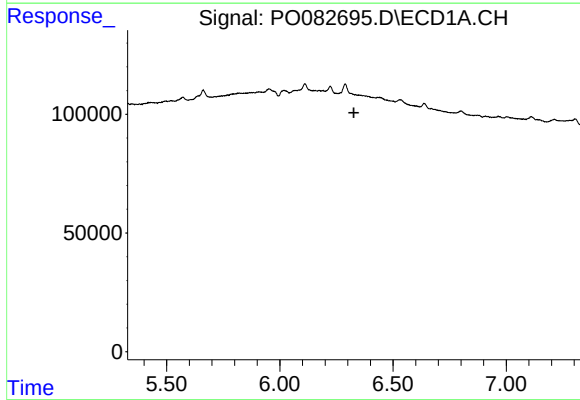
R.T.: 6.016 min  
Delta R.T.: 0.010 min  
Response: 37407  
Conc: 42.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



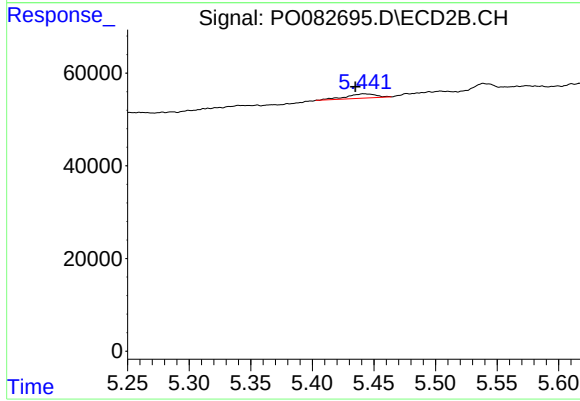
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.245 min  
Response: 0  
Conc: N.D.



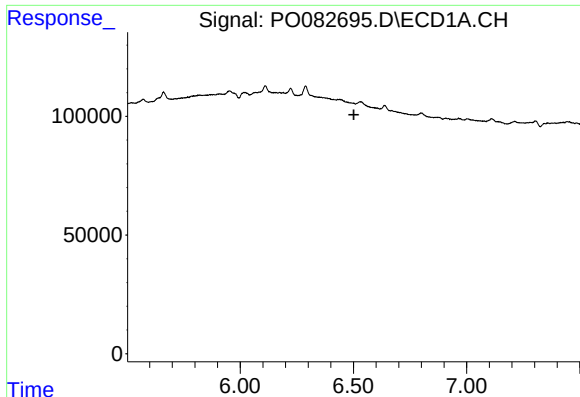
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 6.327 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

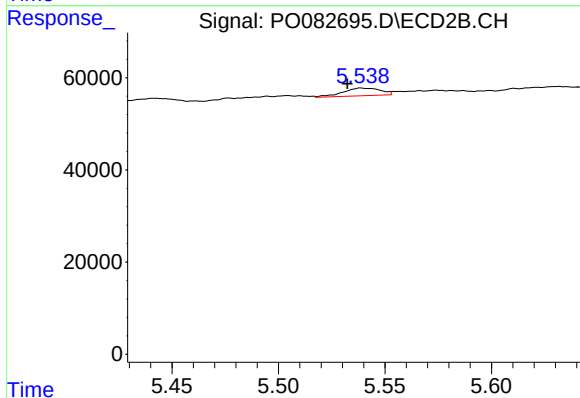
R.T.: 5.442 min  
Delta R.T.: 0.007 min  
Response: 15567  
Conc: 39.26 ng/ml



#14 AR-1232-4

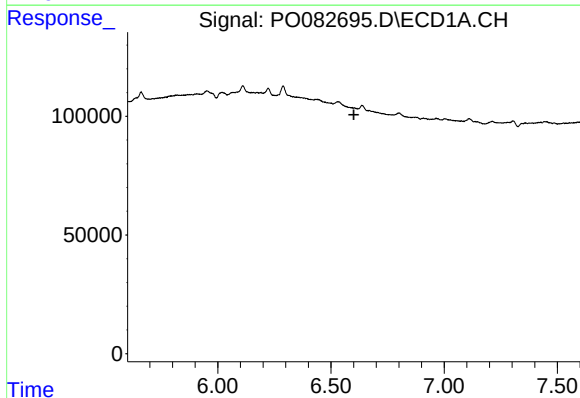
R.T.: 0.000 min  
Exp R.T.: 6.502 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



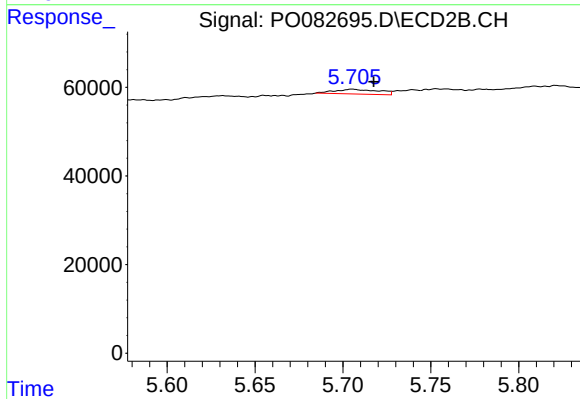
#14 AR-1232-4

R.T.: 5.539 min  
Delta R.T.: 0.007 min  
Response: 20477  
Conc: 59.30 ng/ml



#15 AR-1232-5

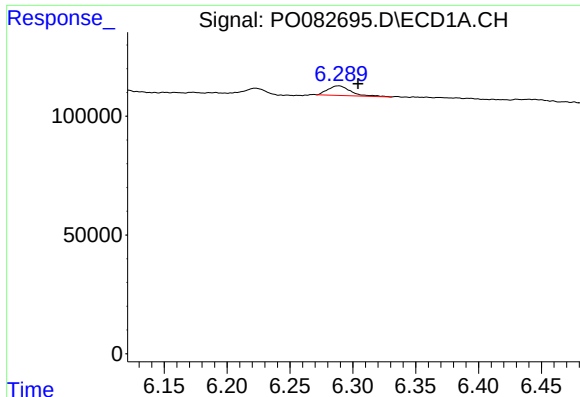
R.T.: 0.000 min  
Exp R.T.: 6.601 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

R.T.: 5.705 min  
Delta R.T.: -0.012 min  
Response: 18658  
Conc: 49.77 ng/ml

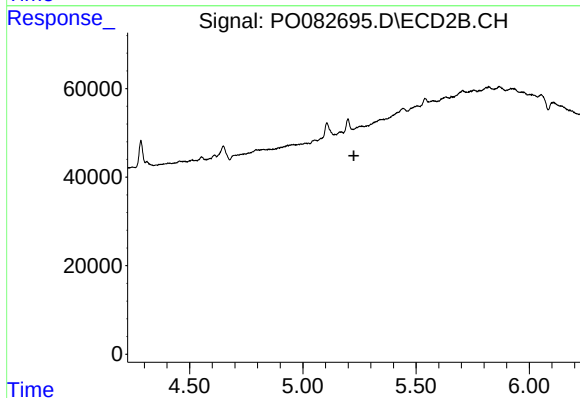




#16 AR-1242-1

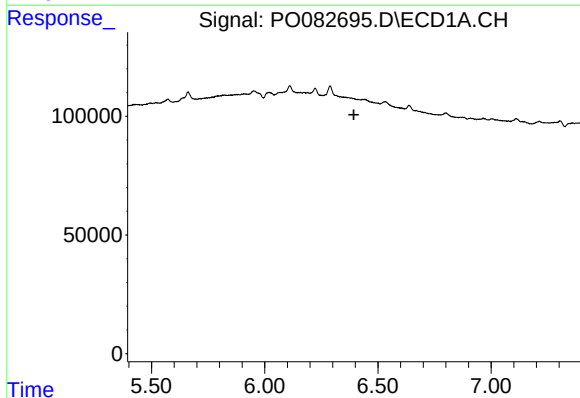
R.T.: 6.289 min  
Delta R.T.: -0.015 min  
Response: 50583  
Conc: 24.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



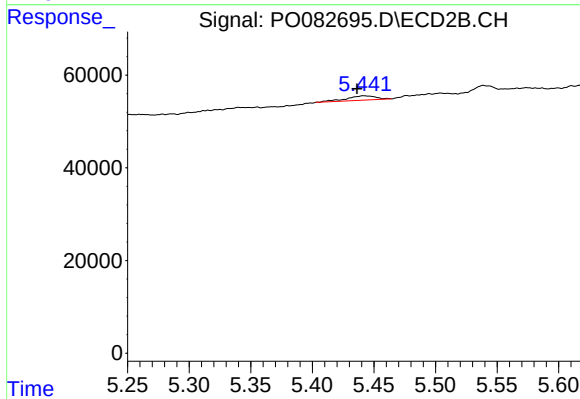
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.225 min  
Response: 0  
Conc: N.D.



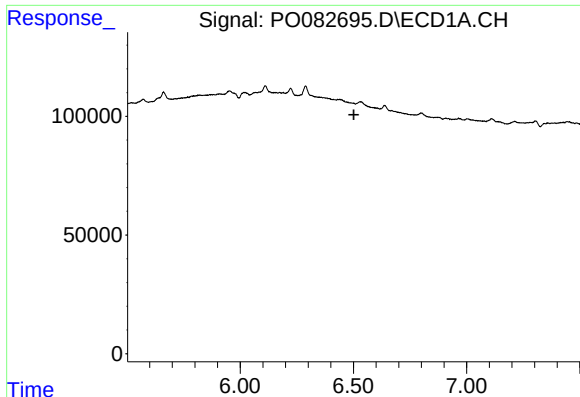
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 6.394 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

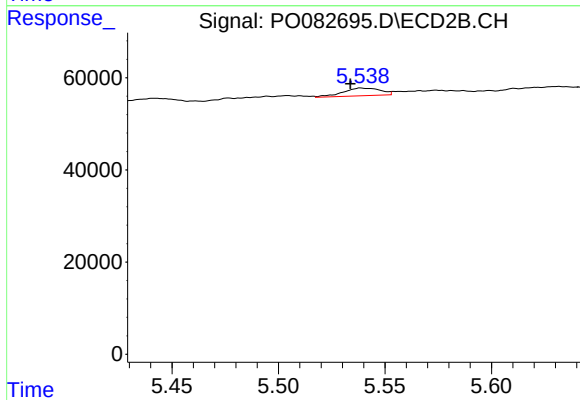
R.T.: 5.442 min  
Delta R.T.: 0.006 min  
Response: 15567  
Conc: 21.36 ng/ml



#19 AR-1242-4

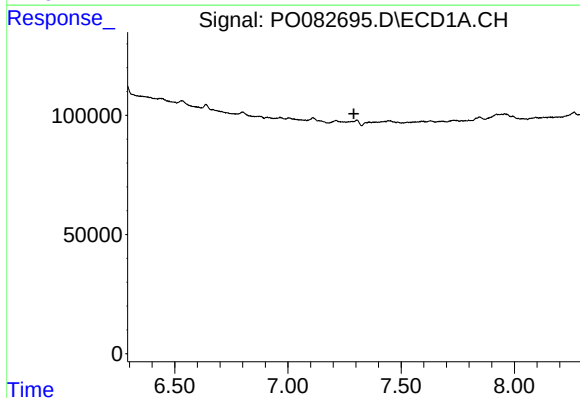
R.T.: 0.000 min  
Exp R.T.: 6.502 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



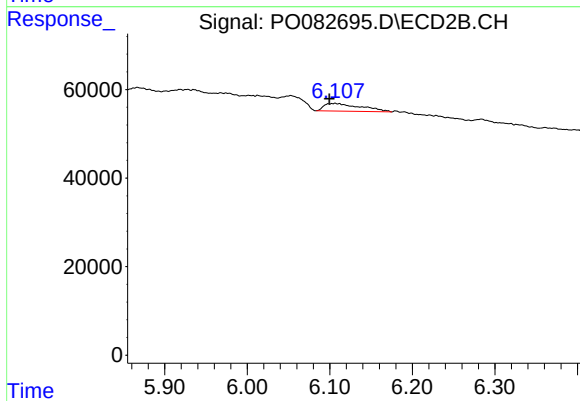
#19 AR-1242-4

R.T.: 5.539 min  
Delta R.T.: 0.005 min  
Response: 20477  
Conc: 28.68 ng/ml



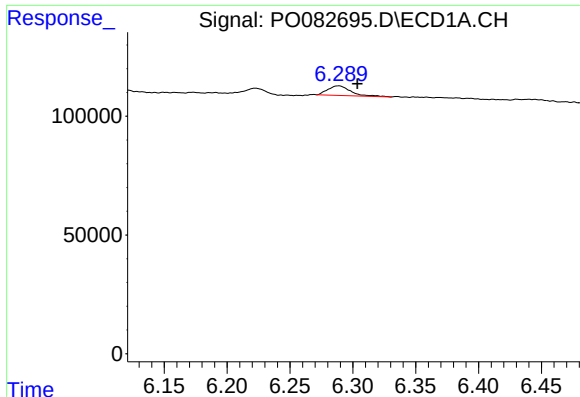
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 7.291 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

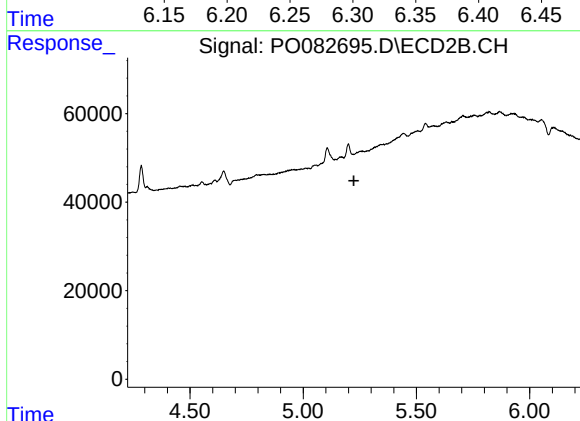
R.T.: 6.106 min  
Delta R.T.: 0.007 min  
Response: 53081  
Conc: 57.50 ng/ml



#21 AR-1248-1

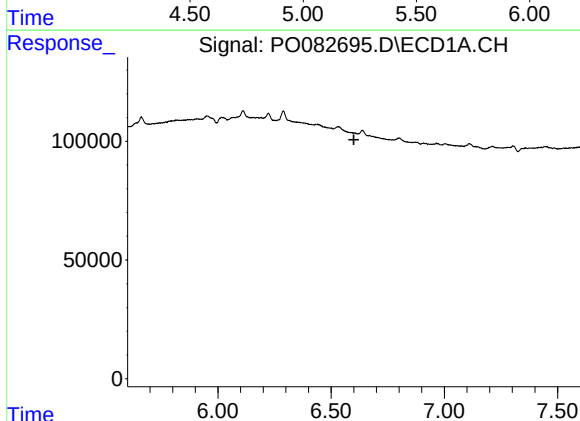
R.T.: 6.289 min  
Delta R.T.: -0.015 min  
Response: 50583  
Conc: 33.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



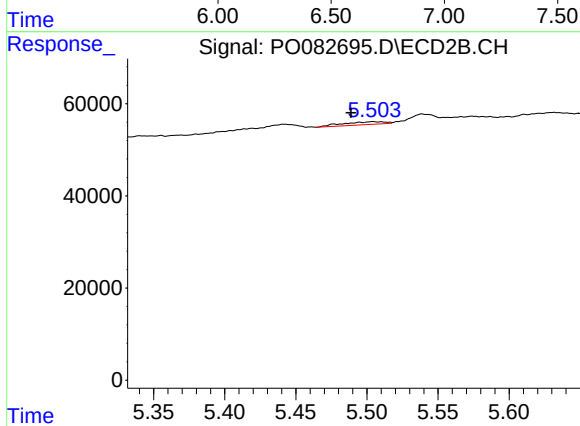
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.224 min  
Response: 0  
Conc: N.D.



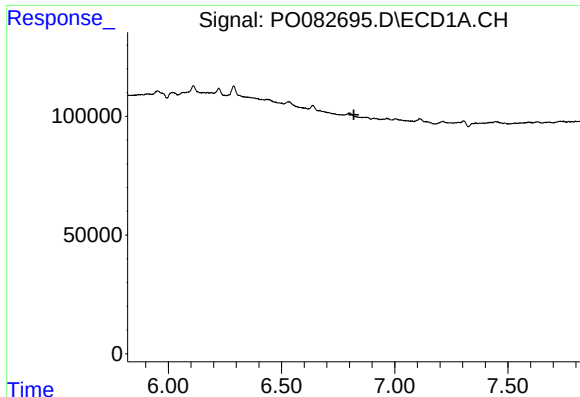
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.601 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

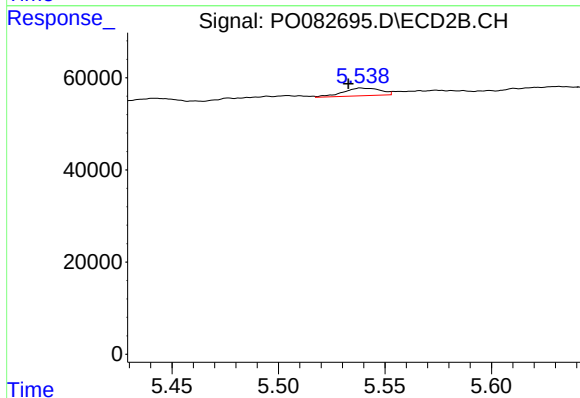
R.T.: 5.504 min  
Delta R.T.: 0.016 min  
Response: 13088  
Conc: 12.85 ng/ml



#23 AR-1248-3

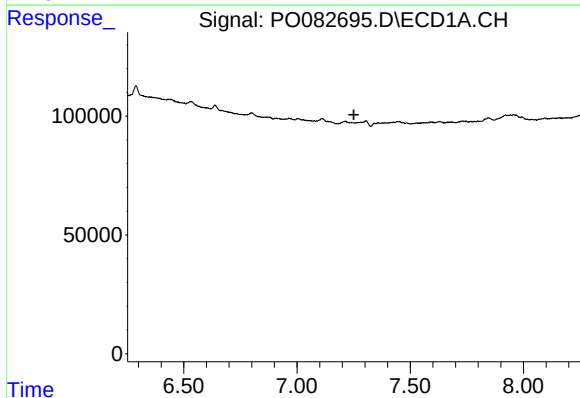
R.T.: 0.000 min  
Exp R.T.: 6.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



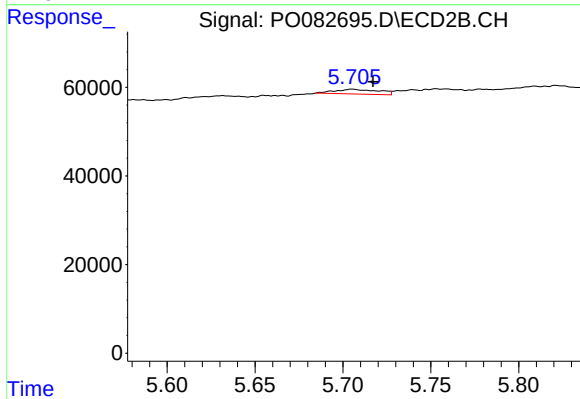
#23 AR-1248-3

R.T.: 5.539 min  
Delta R.T.: 0.006 min  
Response: 20477  
Conc: 19.68 ng/ml



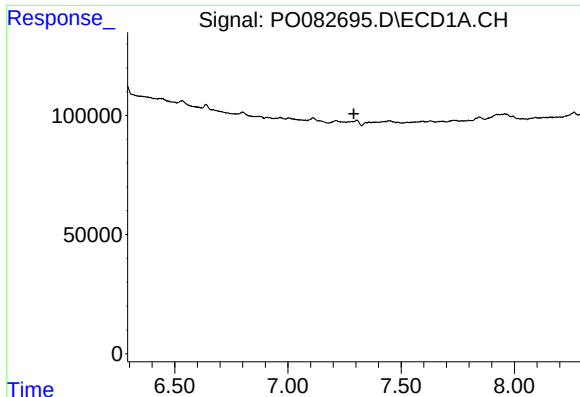
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 7.251 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

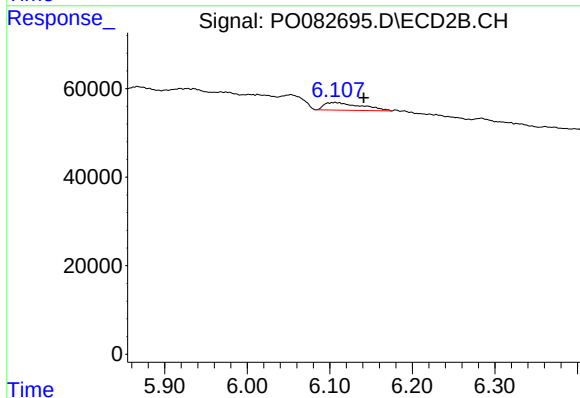
R.T.: 5.705 min  
Delta R.T.: -0.012 min  
Response: 18658  
Conc: 15.22 ng/ml



#25 AR-1248-5

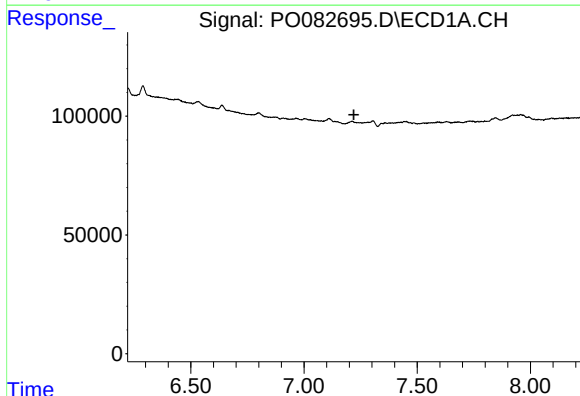
R.T.: 0.000 min  
Exp R.T.: 7.291 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



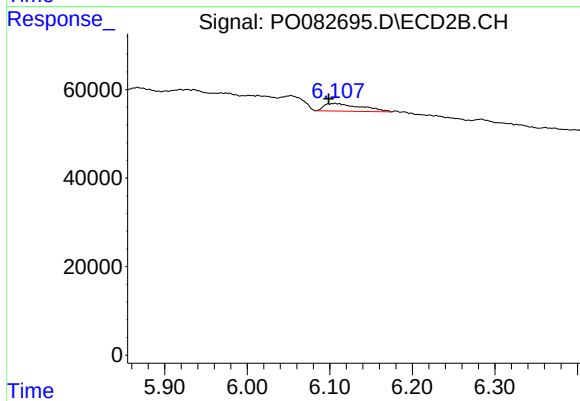
#25 AR-1248-5

R.T.: 6.106 min  
Delta R.T.: -0.035 min  
Response: 53081  
Conc: 42.96 ng/ml



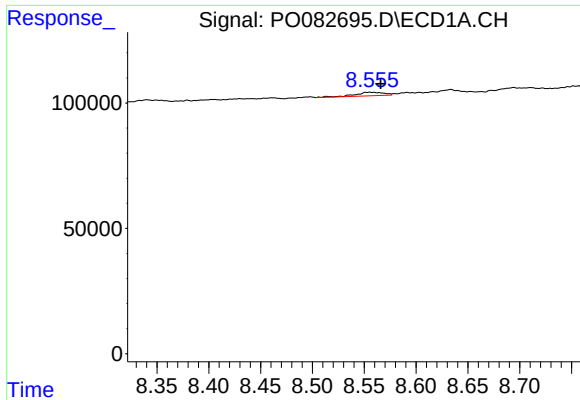
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 7.221 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

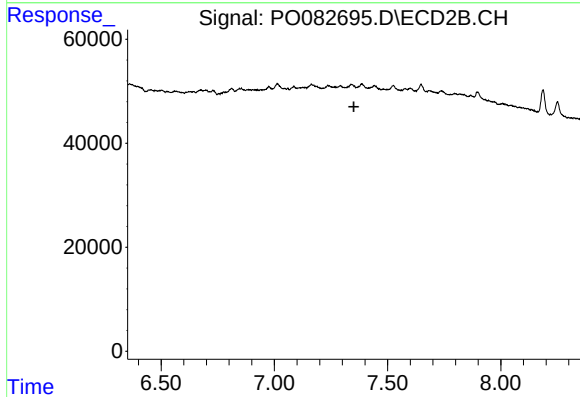
R.T.: 6.106 min  
Delta R.T.: 0.008 min  
Response: 53081  
Conc: 27.33 ng/ml



#30 AR-1254-5

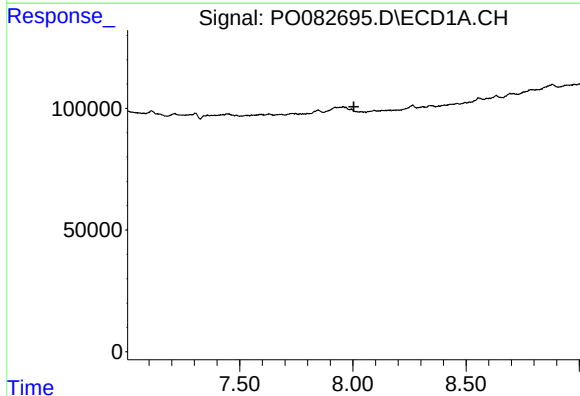
R.T.: 8.555 min  
Delta R.T.: -0.010 min  
Response: 27824  
Conc: 8.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



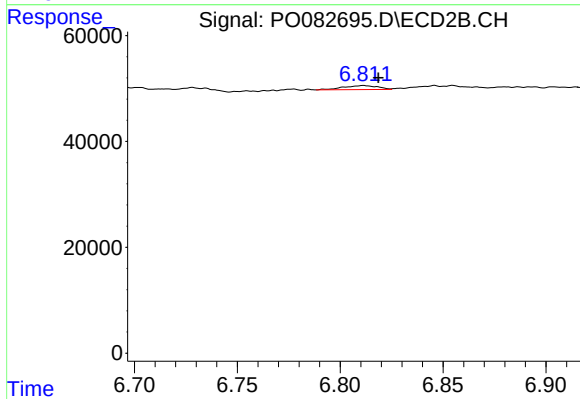
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.351 min  
Response: 0  
Conc: N.D.



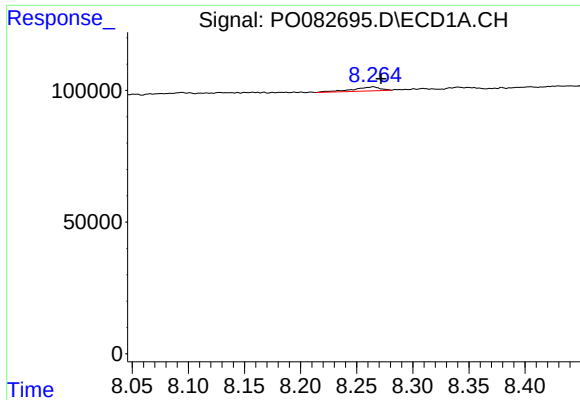
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 8.005 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

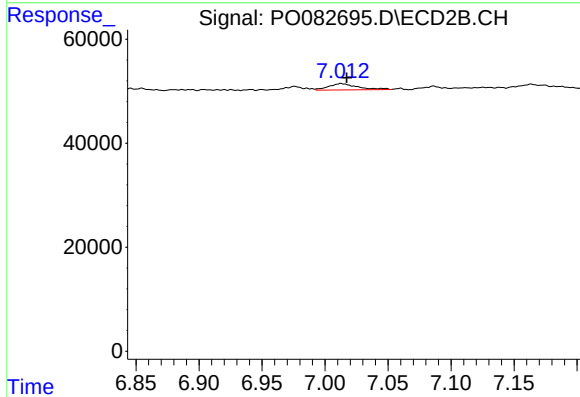
R.T.: 6.811 min  
Delta R.T.: -0.007 min  
Response: 8757  
Conc: 4.83 ng/ml



#32 AR-1260-2

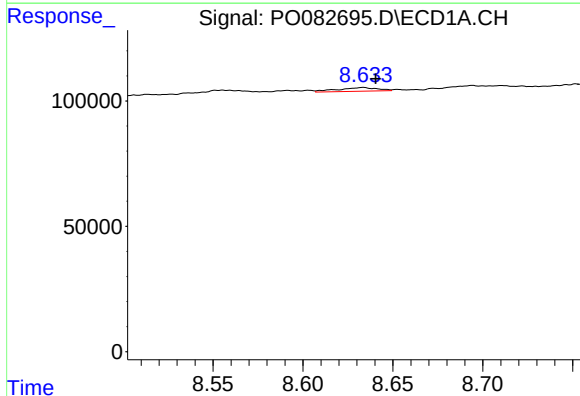
R.T.: 8.265 min  
Delta R.T.: -0.007 min  
Response: 25941  
Conc: 6.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



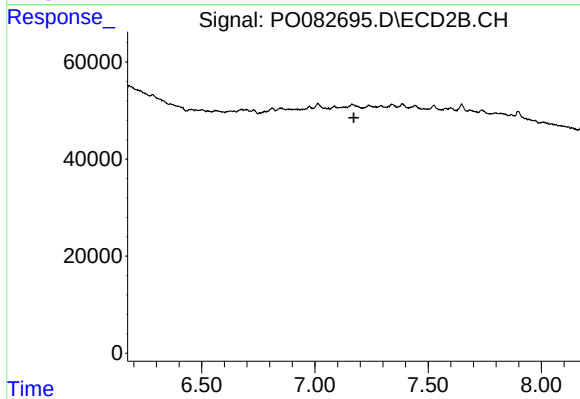
#32 AR-1260-2

R.T.: 7.013 min  
Delta R.T.: -0.004 min  
Response: 19242  
Conc: 8.04 ng/ml



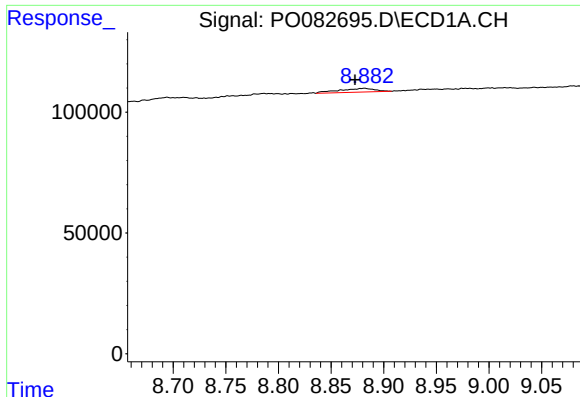
#33 AR-1260-3

R.T.: 8.634 min  
Delta R.T.: -0.007 min  
Response: 22036  
Conc: 7.78 ng/ml



#33 AR-1260-3

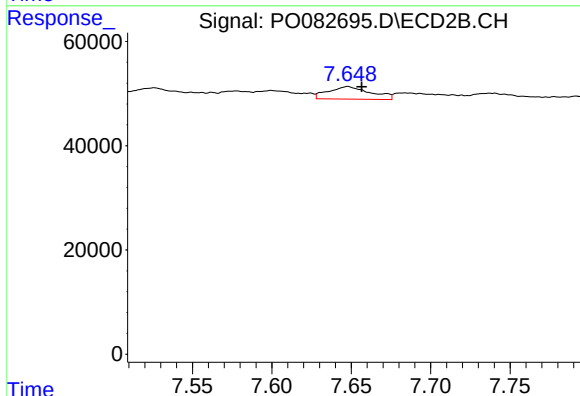
R.T.: 0.000 min  
Exp R.T.: 7.172 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

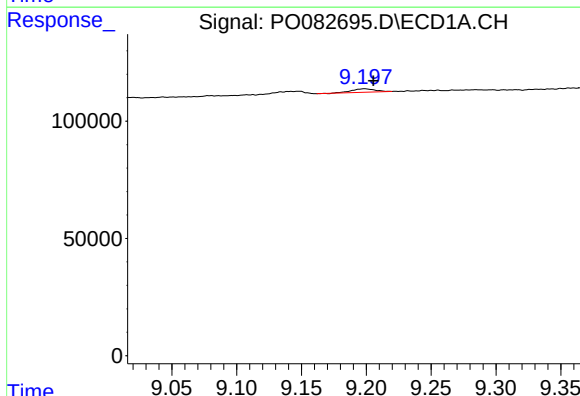
R.T.: 8.882 min  
Delta R.T.: 0.009 min  
Response: 36529  
Conc: 10.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



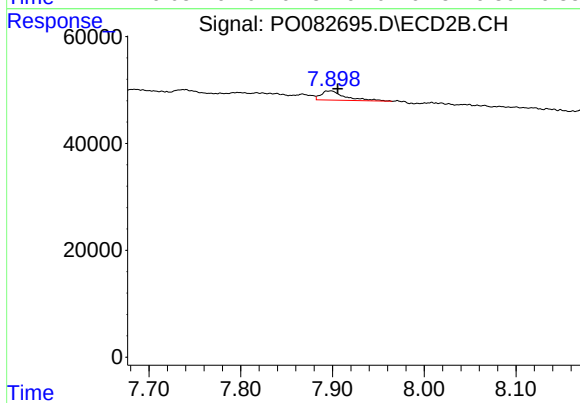
#34 AR-1260-4

R.T.: 7.648 min  
Delta R.T.: -0.009 min  
Response: 44430  
Conc: 26.64 ng/ml



#35 AR-1260-5

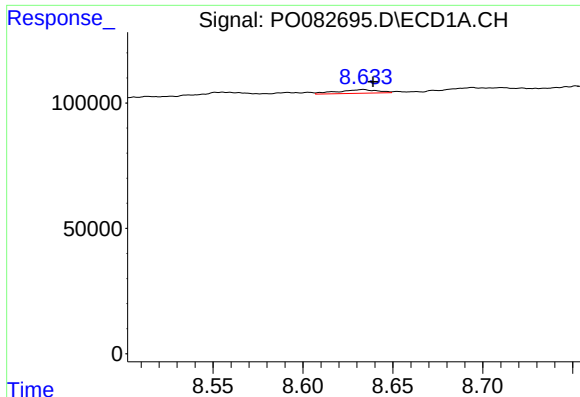
R.T.: 9.199 min  
Delta R.T.: -0.007 min  
Response: 18606  
Conc: 2.97 ng/ml



#35 AR-1260-5

R.T.: 7.898 min  
Delta R.T.: -0.007 min  
Response: 31917  
Conc: 7.67 ng/ml

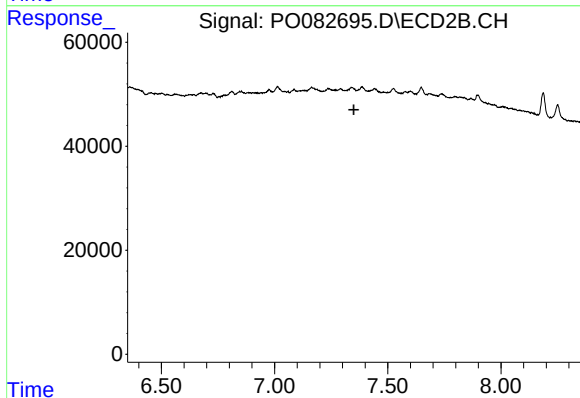




#36 AR-1262-1

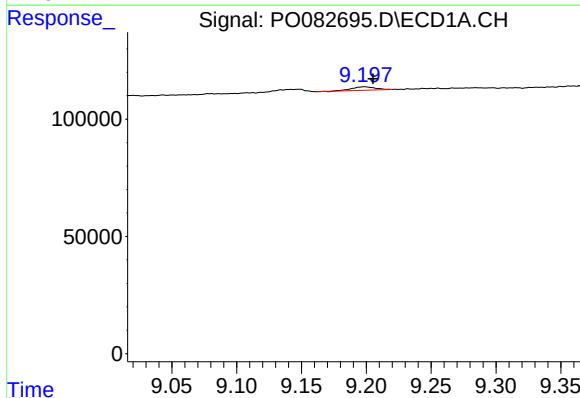
R.T.: 8.634 min  
Delta R.T.: -0.005 min  
Response: 22036  
Conc: 5.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



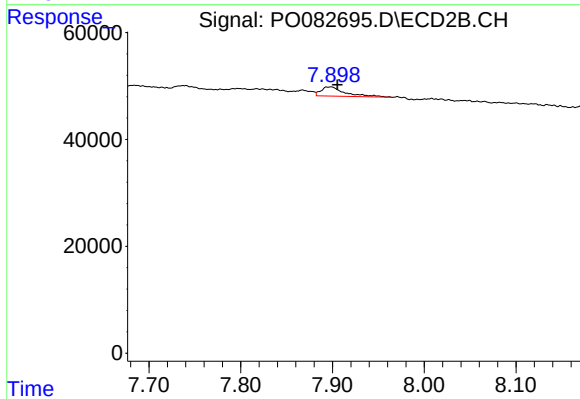
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.350 min  
Response: 0  
Conc: N.D.



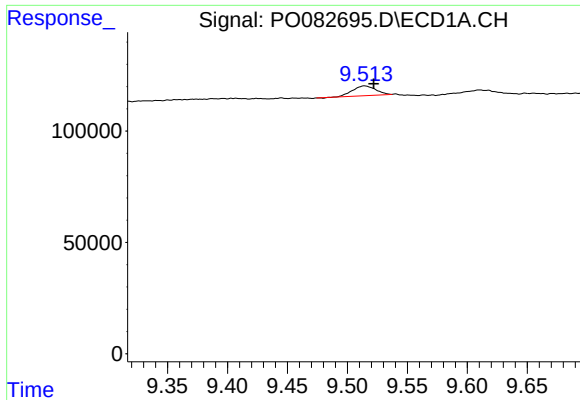
#37 AR-1262-2

R.T.: 9.199 min  
Delta R.T.: -0.007 min  
Response: 18606  
Conc: 2.91 ng/ml



#37 AR-1262-2

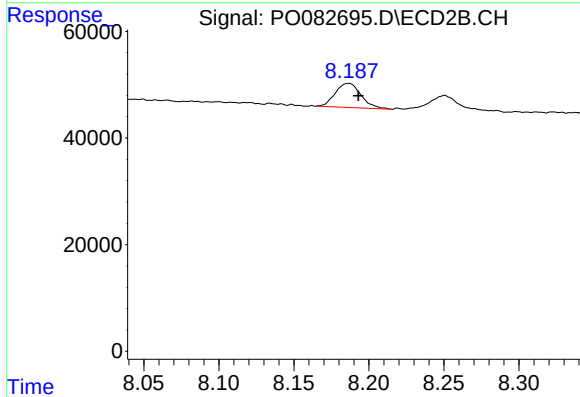
R.T.: 7.898 min  
Delta R.T.: -0.007 min  
Response: 31917  
Conc: 7.82 ng/ml



#38 AR-1262-3

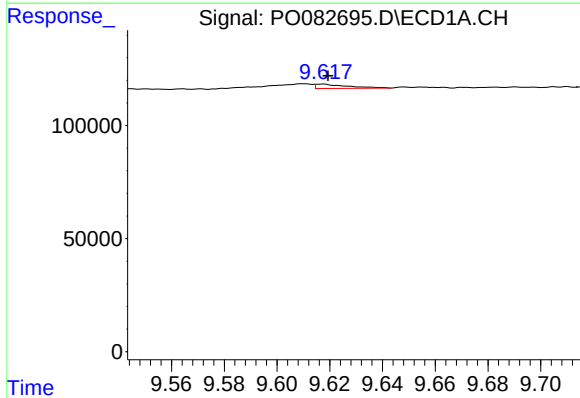
R.T.: 9.514 min  
Delta R.T.: -0.008 min  
Response: 58419  
Conc: 20.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



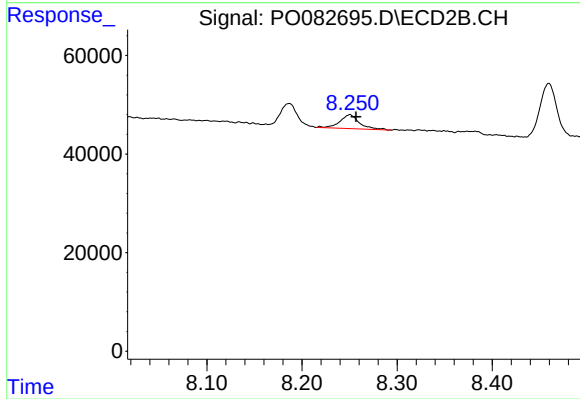
#38 AR-1262-3

R.T.: 8.186 min  
Delta R.T.: -0.007 min  
Response: 53929  
Conc: 33.07 ng/ml



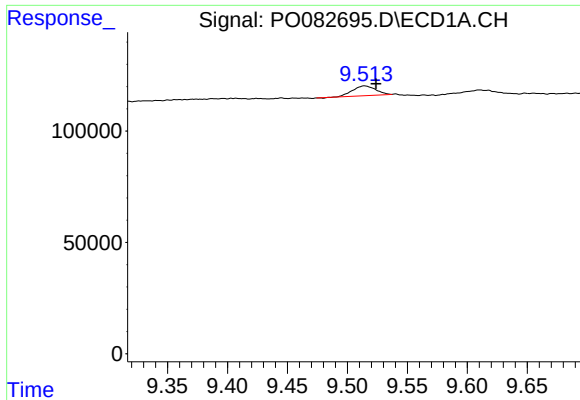
#39 AR-1262-4

R.T.: 9.618 min  
Delta R.T.: -0.002 min  
Response: 15767  
Conc: 9.34 ng/ml



#39 AR-1262-4

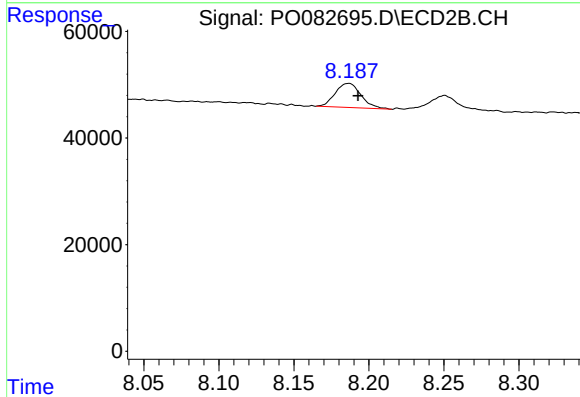
R.T.: 8.250 min  
Delta R.T.: -0.006 min  
Response: 39677  
Conc: 13.63 ng/ml



#41 AR-1268-1

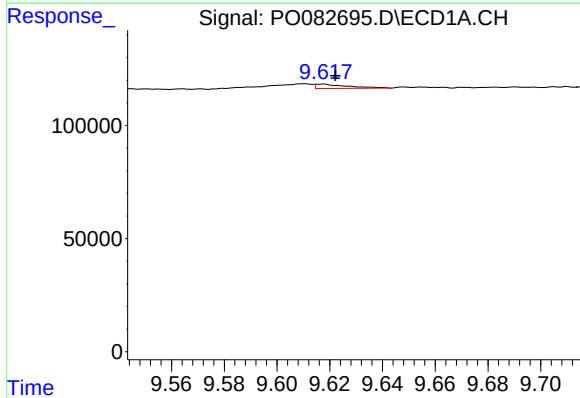
R.T.: 9.514 min  
Delta R.T.: -0.010 min  
Response: 58419  
Conc: 7.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



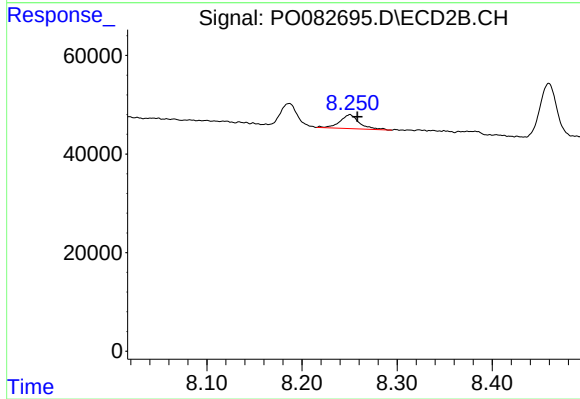
#41 AR-1268-1

R.T.: 8.186 min  
Delta R.T.: -0.006 min  
Response: 53929  
Conc: 10.31 ng/ml



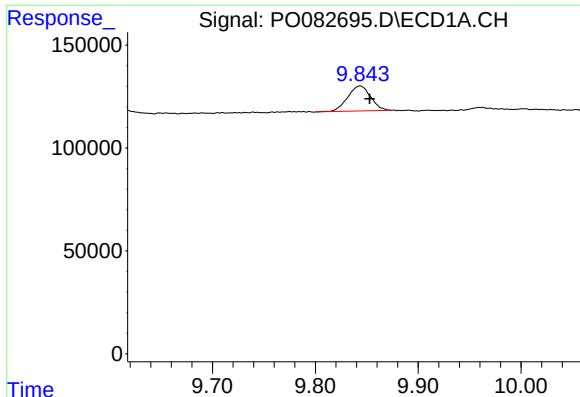
#42 AR-1268-2

R.T.: 9.618 min  
Delta R.T.: -0.004 min  
Response: 15767  
Conc: 2.09 ng/ml



#42 AR-1268-2

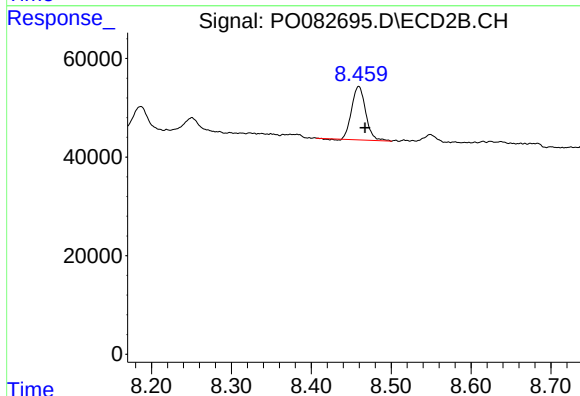
R.T.: 8.250 min  
Delta R.T.: -0.008 min  
Response: 39677  
Conc: 8.74 ng/ml



#43 AR-1268-3

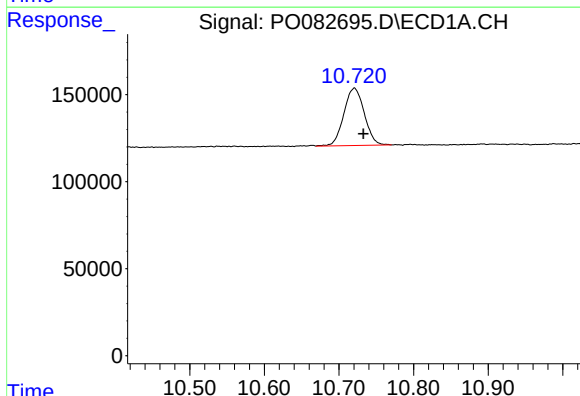
R.T.: 9.844 min  
Delta R.T.: -0.009 min  
Response: 188712  
Conc: 28.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



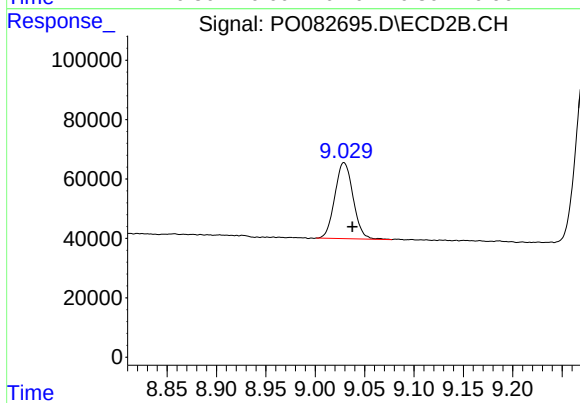
#43 AR-1268-3

R.T.: 8.459 min  
Delta R.T.: -0.008 min  
Response: 131875  
Conc: 33.93 ng/ml



#45 AR-1268-5

R.T.: 10.721 min  
Delta R.T.: -0.012 min  
Response: 629676  
Conc: 28.46 ng/ml



#45 AR-1268-5

R.T.: 9.029 min  
Delta R.T.: -0.008 min  
Response: 328593  
Conc: 30.05 ng/ml