

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121419\  
 Data File : PO064627.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 13 Dec 2019 20:38  
 Operator : SM/AJ  
 Sample : K6267-02  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 WO-4

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 00:38:43 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 13 08:19:24 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... | 4.181 | 3.460 | 562602 | 667477 | 23.109  | 26.331   |
| 2)                          | SA Decachlor... | 9.697 | 8.383 | 466438 | 560960 | 15.198  | 16.153   |
| Target Compounds            |                 |       |       |        |        |         |          |
| 3)                          | L1 AR-1016-1    | 5.268 | 4.460 | 8007   | 21320  | 8.024   | 19.713 # |
| 6)                          | L1 AR-1016-4    | 5.487 | 0.000 | 59328  | 0      | 81.909  | N.D. #   |
| 7)                          | L1 AR-1016-5    | 0.000 | 4.927 | 0      | 25494  | N.D.    | 29.218 # |
| 14)                         | L3 AR-1232-4    | 5.487 | 0.000 | 59328  | 0      | 106.721 | N.D. #   |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.927 | 0      | 25494  | N.D.    | 40.168 # |
| 16)                         | L4 AR-1242-1    | 5.268 | 4.460 | 8007   | 21320  | 10.217  | 24.536 # |
| 19)                         | L4 AR-1242-4    | 5.487 | 0.000 | 59328  | 0      | 105.233 | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.260 | 5.282 | 53647  | 32403  | 76.976  | 36.451 # |
| 21)                         | L5 AR-1248-1    | 5.268 | 4.460 | 8007   | 21320  | 12.406  | 29.783 # |
| 24)                         | L5 AR-1248-4    | 6.207 | 4.927 | 33295  | 25494  | 25.531  | 19.809   |
| 25)                         | L5 AR-1248-5    | 6.260 | 5.282 | 53647  | 32403  | 43.113  | 17.045 # |
| 26)                         | L6 AR-1254-1    | 6.158 | 5.282 | 76087  | 32403  | 59.745  | 15.956 # |
| 27)                         | L6 AR-1254-2    | 6.393 | 5.488 | 94388  | 118221 | 45.378  | 64.836 # |
| 28)                         | L6 AR-1254-3    | 6.767 | 5.881 | 137163 | 124588 | 57.443  | 40.107 # |
| 29)                         | L6 AR-1254-4    | 7.078 | 6.090 | 68335  | 46904  | 36.544  | 22.835 # |
| 30)                         | L6 AR-1254-5    | 7.475 | 6.503 | 160809 | 193160 | 76.429  | 64.713   |
| 31)                         | L7 AR-1260-1    | 6.921 | 6.002 | 32902  | 97720  | 21.416  | 52.922 # |
| 32)                         | L7 AR-1260-2    | 7.166 | 6.182 | 592167 | 49527  | 299.983 | 21.287 # |
| 33)                         | L7 AR-1260-3    | 7.475 | 6.329 | 160809 | 18541  | 107.020 | 8.757 #  |
| 34)                         | L7 AR-1260-4    | 7.744 | 0.000 | 30675  | 0      | 16.606  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.056 | 7.038 | 29662  | 33697  | 7.949   | 7.185    |
| 36)                         | L8 AR-1262-1    | 7.475 | 6.537 | 160809 | 48125  | 69.934  | 41.948 # |
| 37)                         | L8 AR-1262-2    | 8.056 | 7.038 | 29662  | 33697  | 6.834   | 6.167    |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.325 | 0      | 60200  | N.D.    | 28.903 # |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.355 | 0      | 31686  | N.D.    | 7.959 #  |
| 40)                         | L8 AR-1262-5    | 0.000 | 7.938 | 0      | 13996  | N.D.    | 8.027 #  |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.325 | 0      | 60200  | N.D.    | 9.414 #  |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.355 | 0      | 31686  | N.D.    | 5.436 #  |
| 44)                         | L9 AR-1268-4    | 0.000 | 7.938 | 0      | 13996  | N.D.    | 6.953 #  |
| 45)                         | L9 AR-1268-5    | 0.000 | 8.141 | 0      | 39138  | N.D.    | 2.705 #  |
| -----                       |                 |       |       |        |        |         |          |

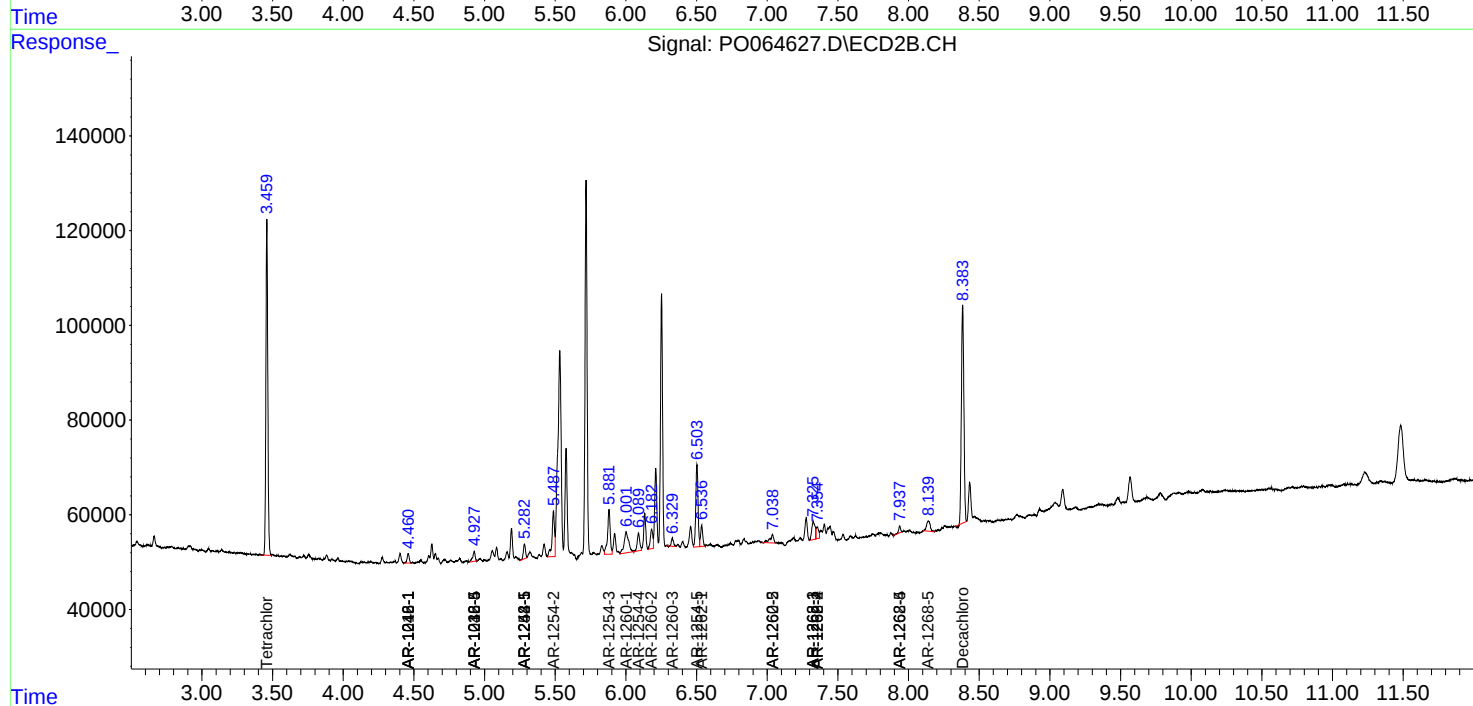
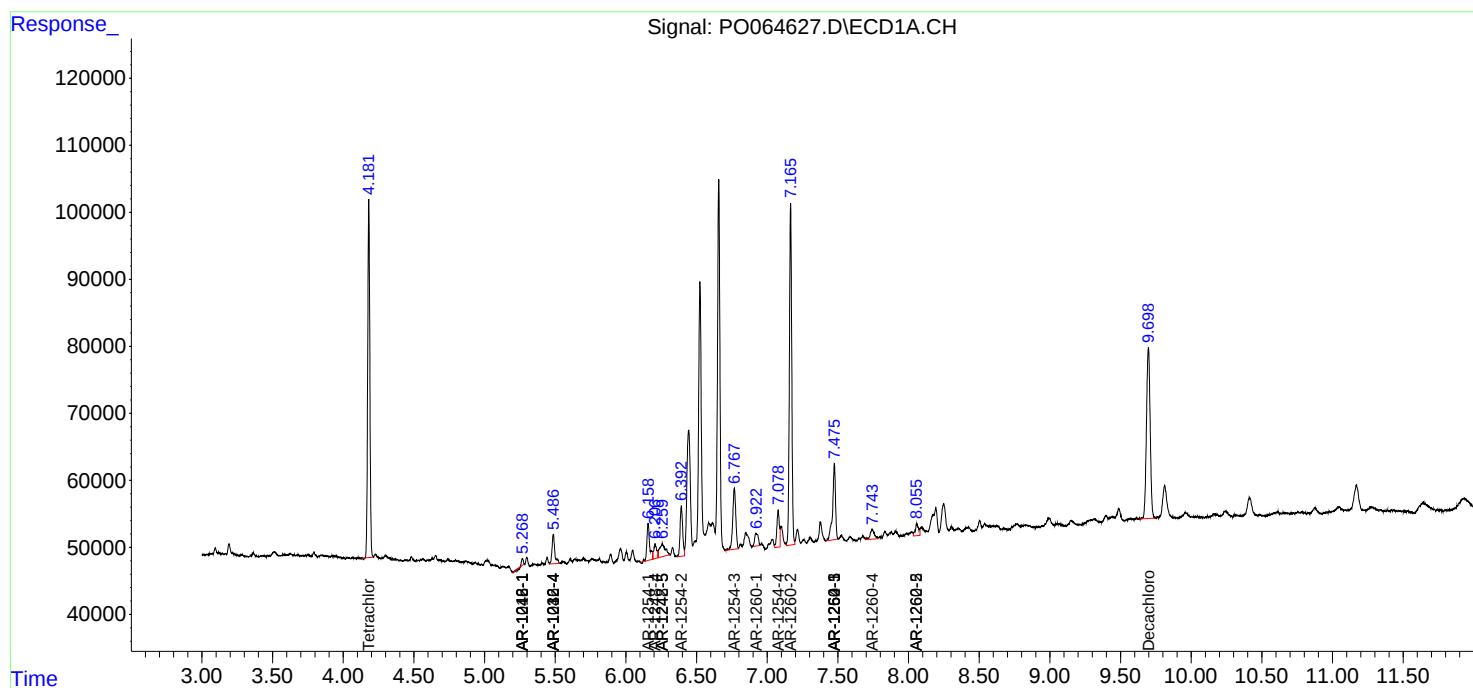
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

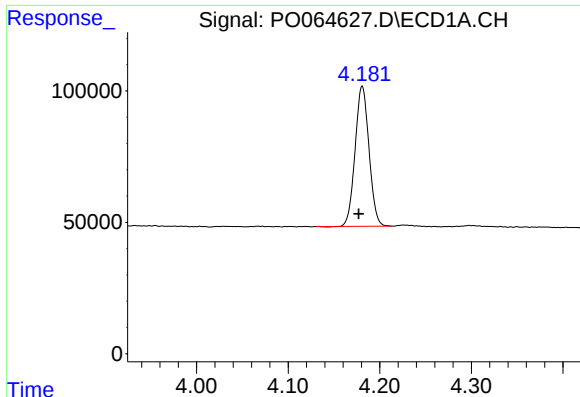
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121419\  
Data File : P0064627.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 13 Dec 2019 20:38  
Operator : SM/AJ  
Sample : K6267-02  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 00:38:43 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121319.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 13 08:19:24 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

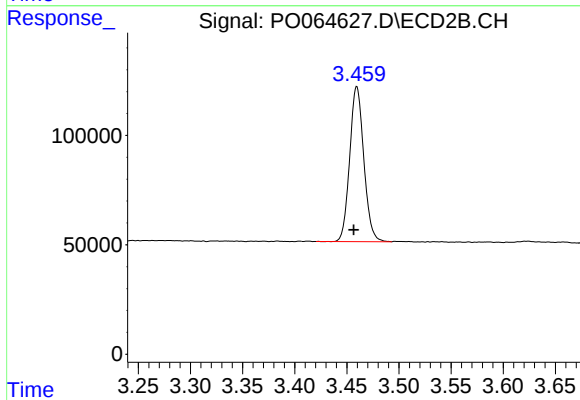




#1 Tetrachloro-m-xylene

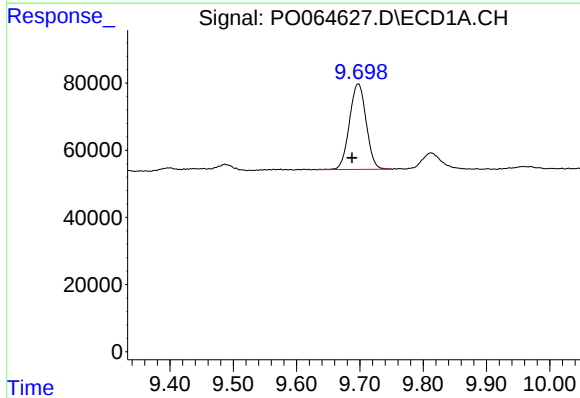
R.T.: 4.181 min  
Delta R.T.: 0.004 min  
Response: 562602  
Conc: 23.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



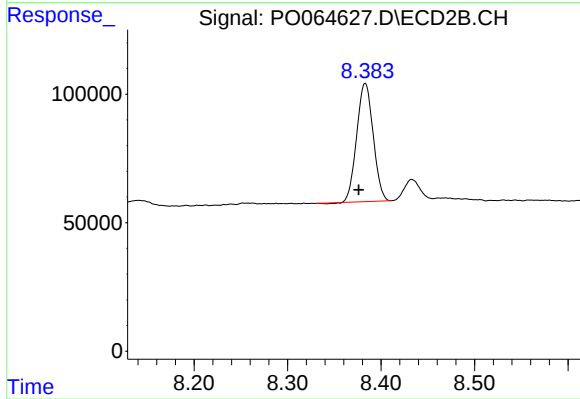
#1 Tetrachloro-m-xylene

R.T.: 3.460 min  
Delta R.T.: 0.003 min  
Response: 667477  
Conc: 26.33 ng/ml



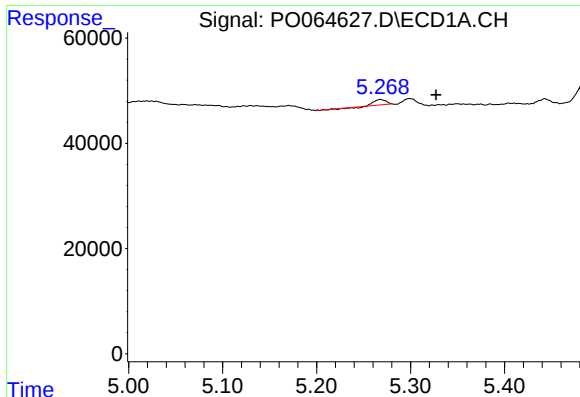
#2 Decachlorobiphenyl

R.T.: 9.697 min  
Delta R.T.: 0.010 min  
Response: 466438  
Conc: 15.20 ng/ml



#2 Decachlorobiphenyl

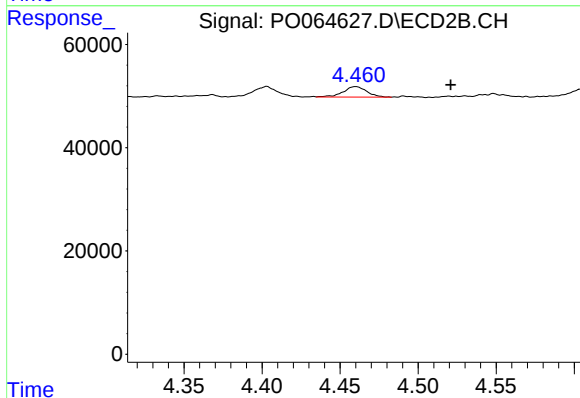
R.T.: 8.383 min  
Delta R.T.: 0.007 min  
Response: 560960  
Conc: 16.15 ng/ml



#3 AR-1016-1

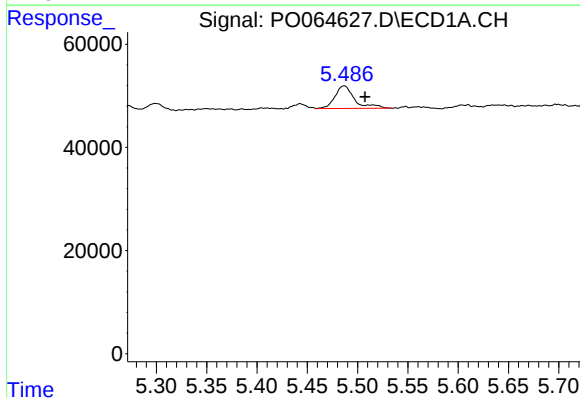
R.T.: 5.268 min  
Delta R.T.: -0.059 min  
Response: 8007  
Conc: 8.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



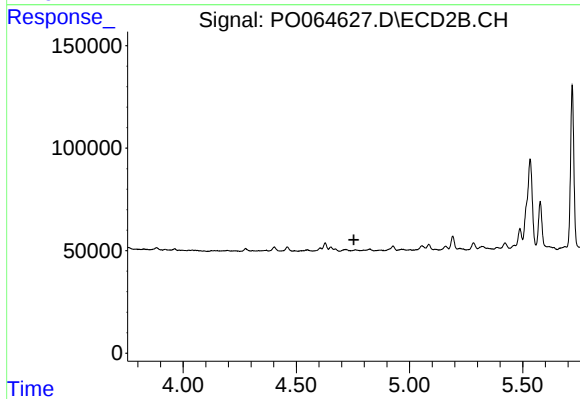
#3 AR-1016-1

R.T.: 4.460 min  
Delta R.T.: -0.061 min  
Response: 21320  
Conc: 19.71 ng/ml



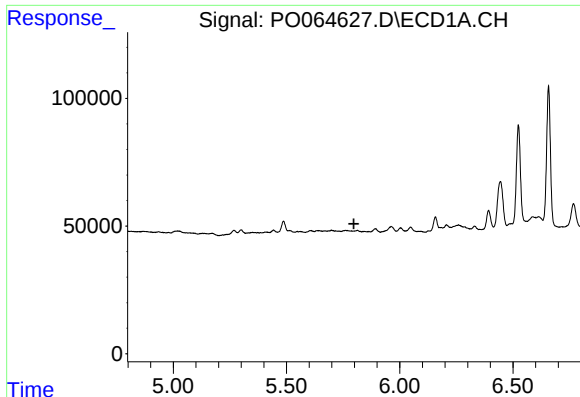
#6 AR-1016-4

R.T.: 5.487 min  
Delta R.T.: -0.021 min  
Response: 59328  
Conc: 81.91 ng/ml



#6 AR-1016-4

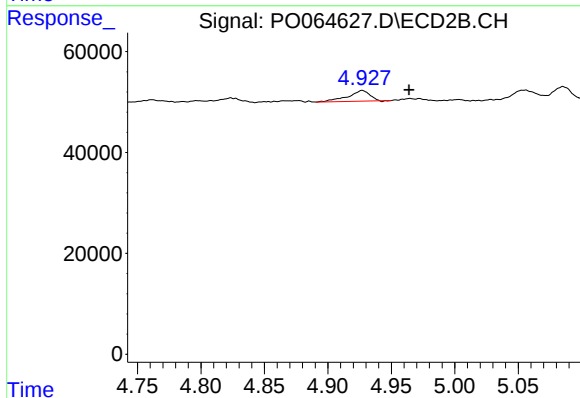
R.T.: 0.000 min  
Exp R.T.: 4.754 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

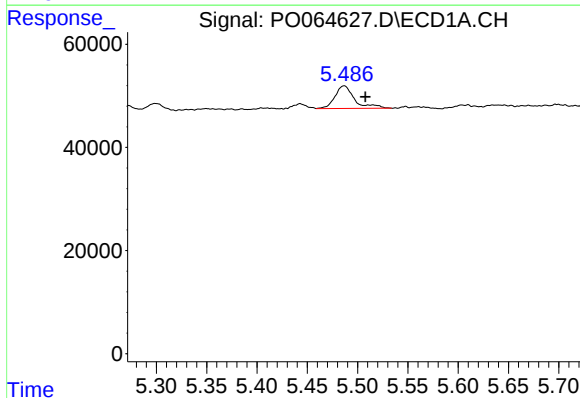
R.T.: 0.000 min  
Exp R.T.: 5.797 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



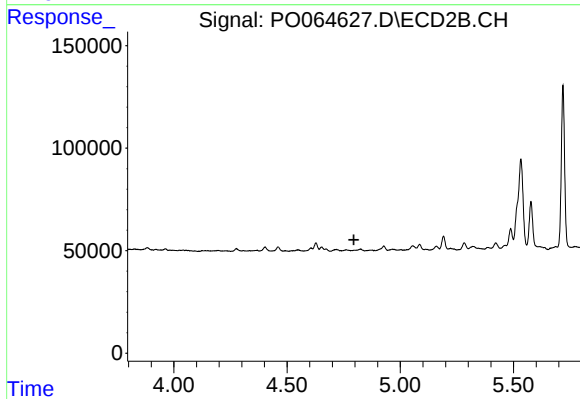
#7 AR-1016-5

R.T.: 4.927 min  
Delta R.T.: -0.037 min  
Response: 25494  
Conc: 29.22 ng/ml



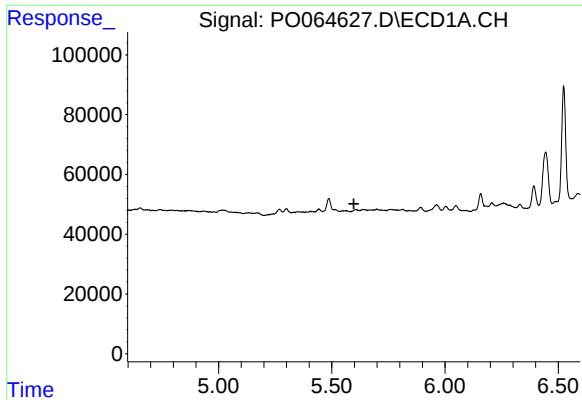
#14 AR-1232-4

R.T.: 5.487 min  
Delta R.T.: -0.021 min  
Response: 59328  
Conc: 106.72 ng/ml



#14 AR-1232-4

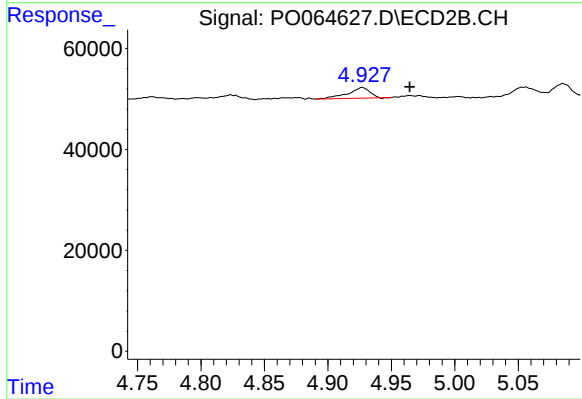
R.T.: 0.000 min  
Exp R.T.: 4.795 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

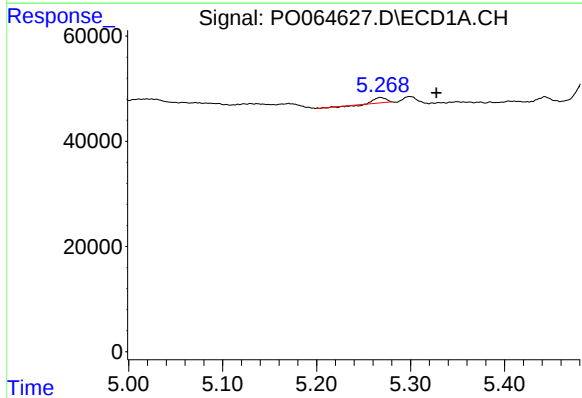
R.T.: 0.000 min  
Exp R.T.: 5.598 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



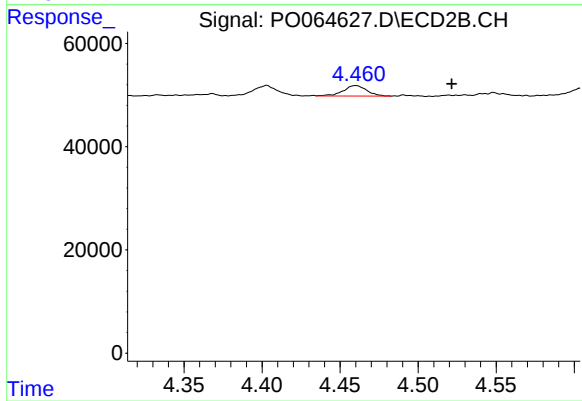
#15 AR-1232-5

R.T.: 4.927 min  
Delta R.T.: -0.037 min  
Response: 25494  
Conc: 40.17 ng/ml



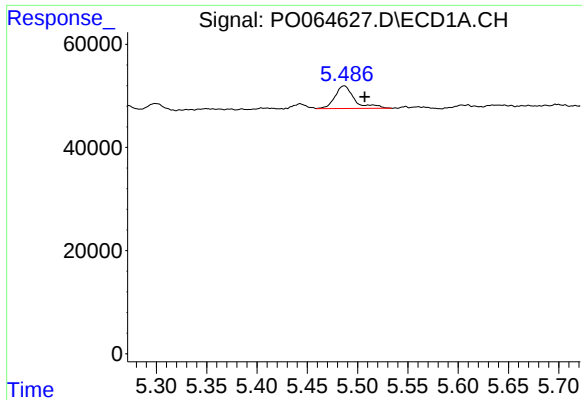
#16 AR-1242-1

R.T.: 5.268 min  
Delta R.T.: -0.059 min  
Response: 8007  
Conc: 10.22 ng/ml



#16 AR-1242-1

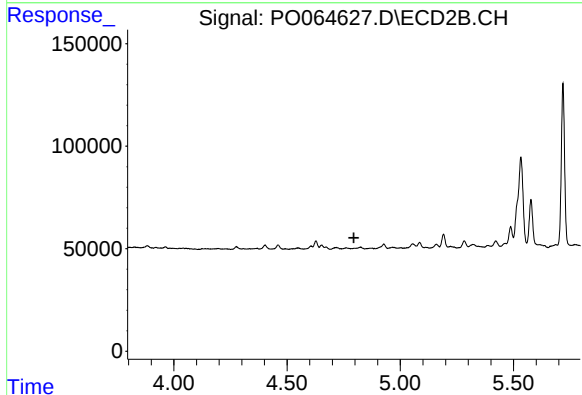
R.T.: 4.460 min  
Delta R.T.: -0.061 min  
Response: 21320  
Conc: 24.54 ng/ml



#19 AR-1242-4

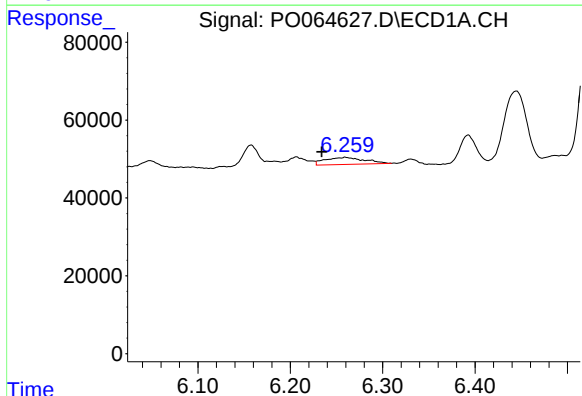
R.T.: 5.487 min  
Delta R.T.: -0.020 min  
Response: 59328  
Conc: 105.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



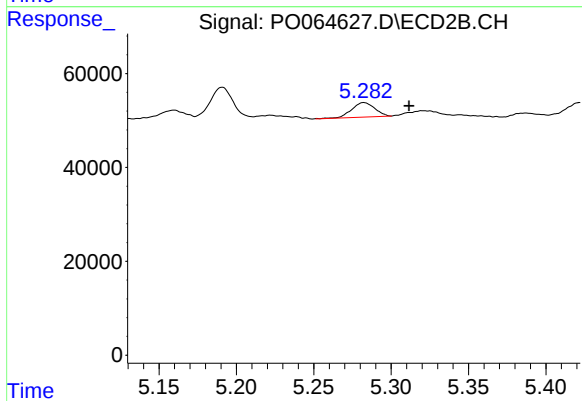
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 4.795 min  
Response: 0  
Conc: N.D.



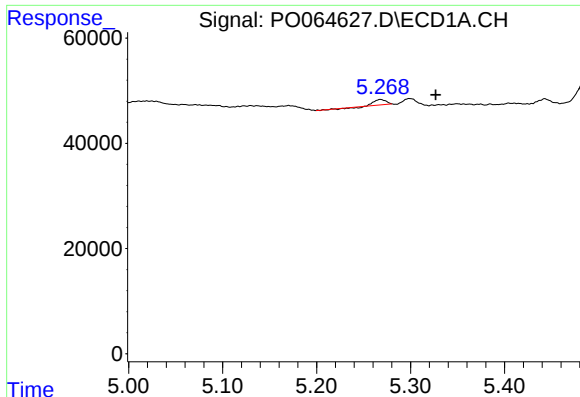
#20 AR-1242-5

R.T.: 6.260 min  
Delta R.T.: 0.026 min  
Response: 53647  
Conc: 76.98 ng/ml



#20 AR-1242-5

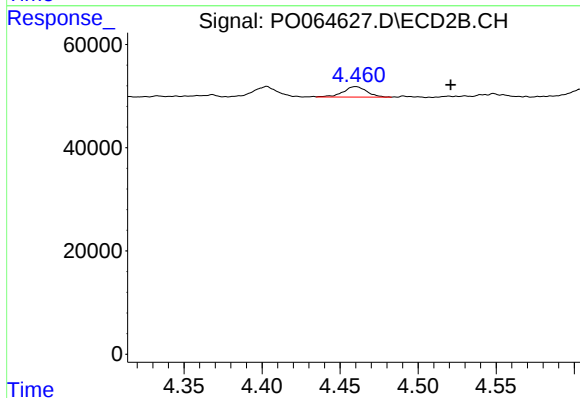
R.T.: 5.282 min  
Delta R.T.: -0.029 min  
Response: 32403  
Conc: 36.45 ng/ml



#21 AR-1248-1

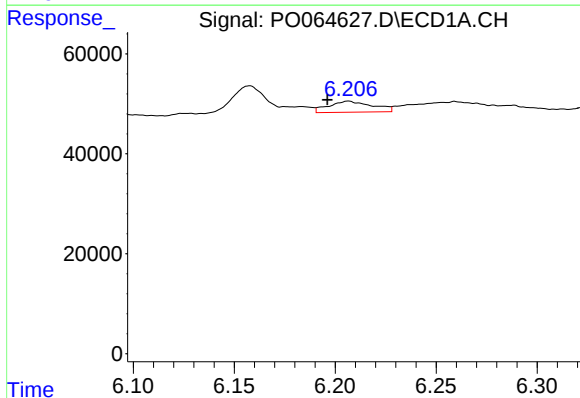
R.T.: 5.268 min  
Delta R.T.: -0.059 min  
Response: 8007  
Conc: 12.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



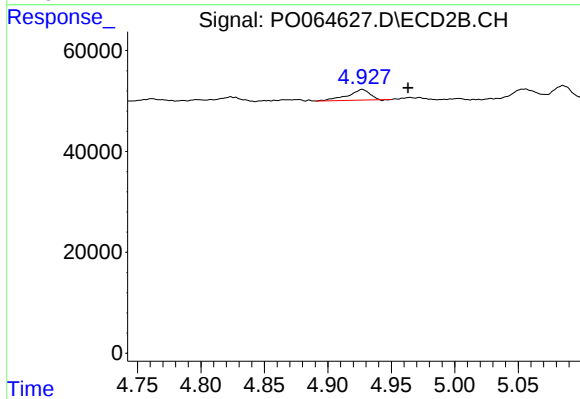
#21 AR-1248-1

R.T.: 4.460 min  
Delta R.T.: -0.061 min  
Response: 21320  
Conc: 29.78 ng/ml



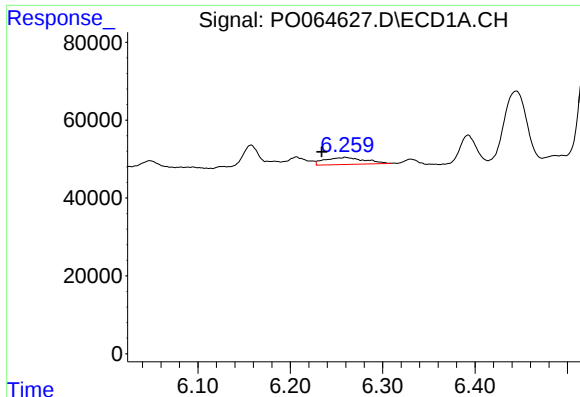
#24 AR-1248-4

R.T.: 6.207 min  
Delta R.T.: 0.010 min  
Response: 33295  
Conc: 25.53 ng/ml



#24 AR-1248-4

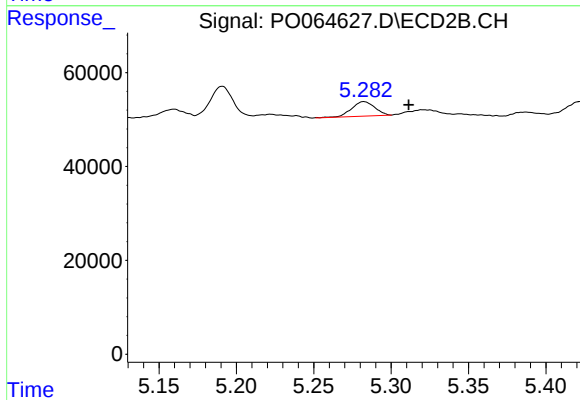
R.T.: 4.927 min  
Delta R.T.: -0.036 min  
Response: 25494  
Conc: 19.81 ng/ml



#25 AR-1248-5

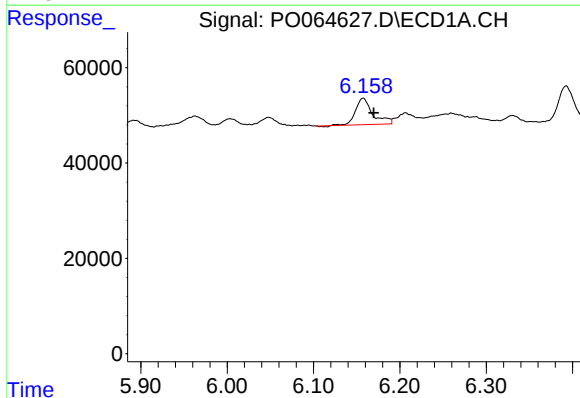
R.T.: 6.260 min  
Delta R.T.: 0.025 min  
Response: 53647  
Conc: 43.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



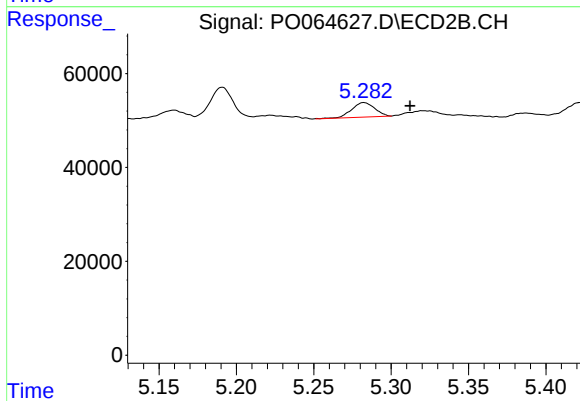
#25 AR-1248-5

R.T.: 5.282 min  
Delta R.T.: -0.029 min  
Response: 32403  
Conc: 17.04 ng/ml



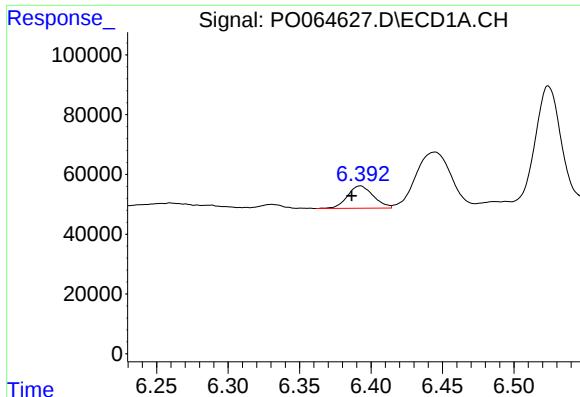
#26 AR-1254-1

R.T.: 6.158 min  
Delta R.T.: -0.012 min  
Response: 76087  
Conc: 59.74 ng/ml



#26 AR-1254-1

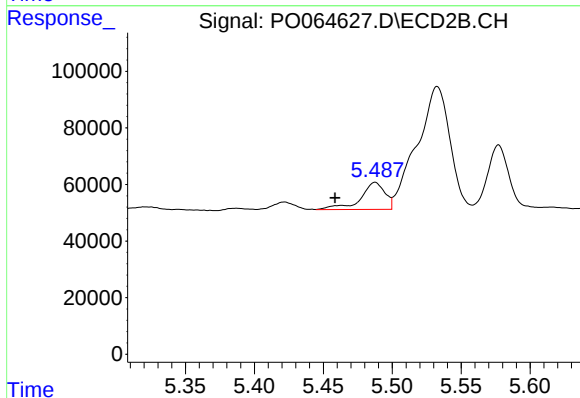
R.T.: 5.282 min  
Delta R.T.: -0.030 min  
Response: 32403  
Conc: 15.96 ng/ml



#27 AR-1254-2

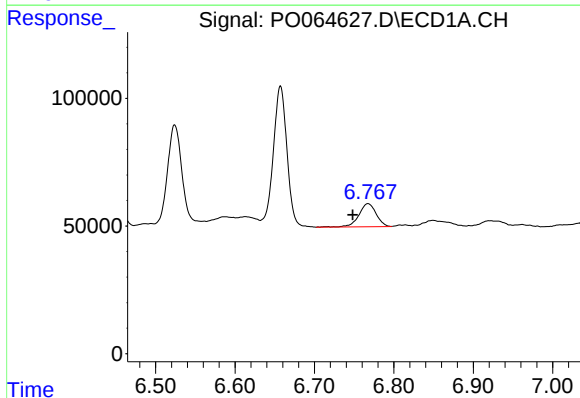
R.T.: 6.393 min  
Delta R.T.: 0.006 min  
Response: 94388  
Conc: 45.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



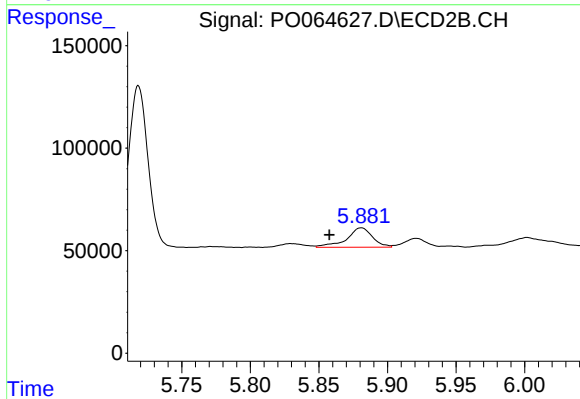
#27 AR-1254-2

R.T.: 5.488 min  
Delta R.T.: 0.029 min  
Response: 118221  
Conc: 64.84 ng/ml



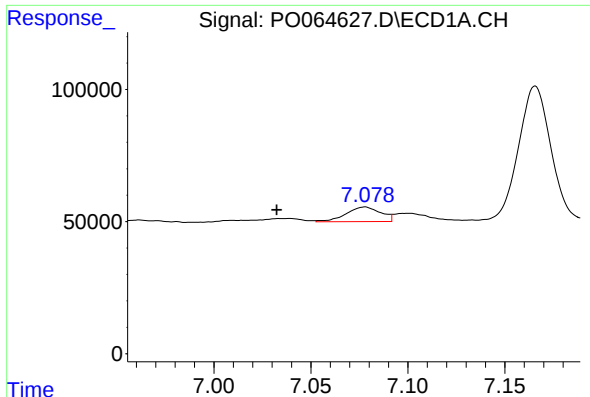
#28 AR-1254-3

R.T.: 6.767 min  
Delta R.T.: 0.019 min  
Response: 137163  
Conc: 57.44 ng/ml



#28 AR-1254-3

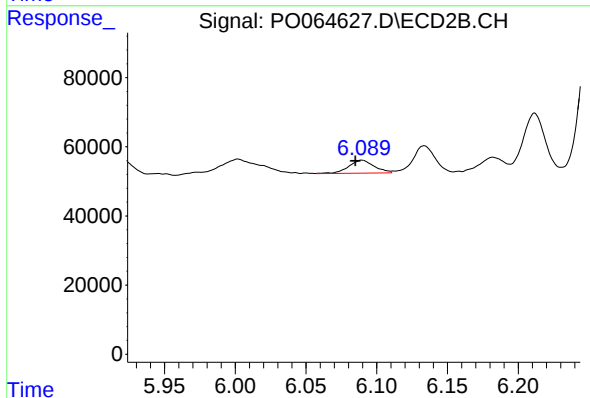
R.T.: 5.881 min  
Delta R.T.: 0.023 min  
Response: 124588  
Conc: 40.11 ng/ml



#29 AR-1254-4

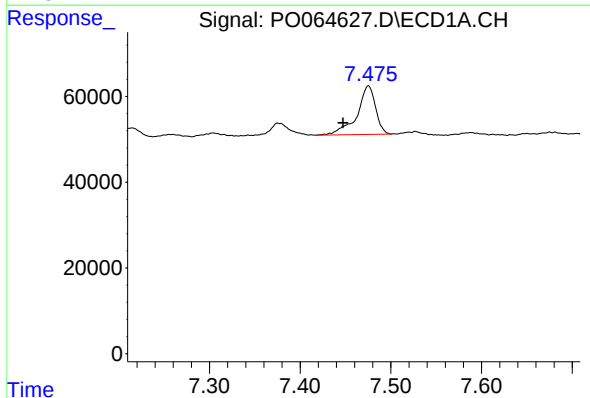
R.T.: 7.078 min  
Delta R.T.: 0.045 min  
Response: 68335  
Conc: 36.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



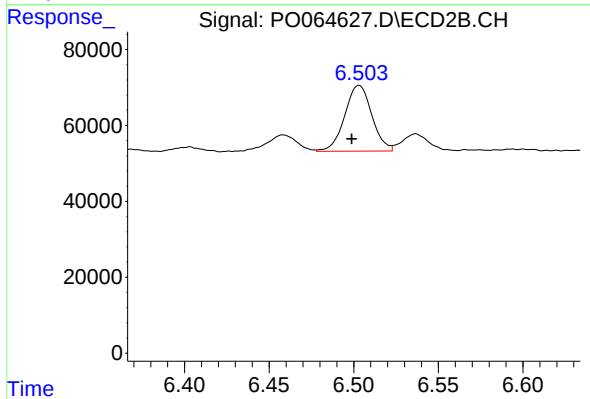
#29 AR-1254-4

R.T.: 6.090 min  
Delta R.T.: 0.005 min  
Response: 46904  
Conc: 22.83 ng/ml



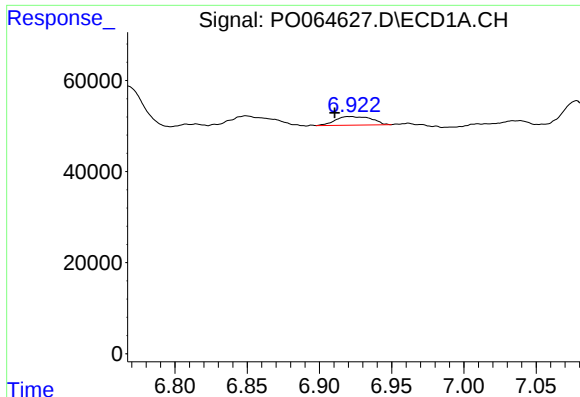
#30 AR-1254-5

R.T.: 7.475 min  
Delta R.T.: 0.028 min  
Response: 160809  
Conc: 76.43 ng/ml



#30 AR-1254-5

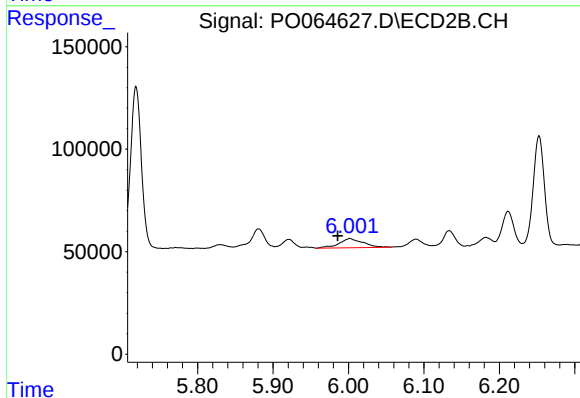
R.T.: 6.503 min  
Delta R.T.: 0.004 min  
Response: 193160  
Conc: 64.71 ng/ml



#31 AR-1260-1

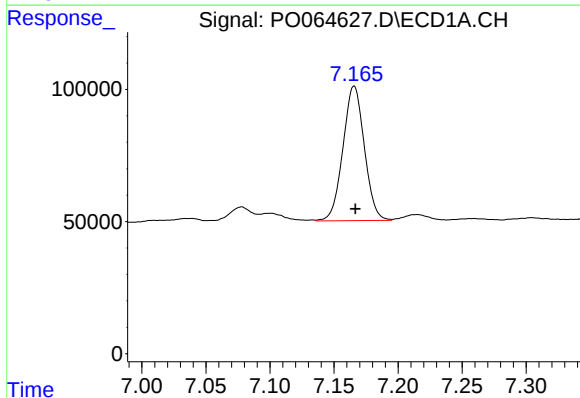
R.T.: 6.921 min  
Delta R.T.: 0.011 min  
Response: 32902  
Conc: 21.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



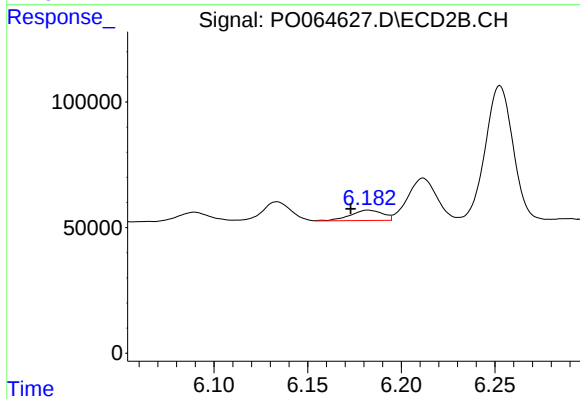
#31 AR-1260-1

R.T.: 6.002 min  
Delta R.T.: 0.016 min  
Response: 97720  
Conc: 52.92 ng/ml



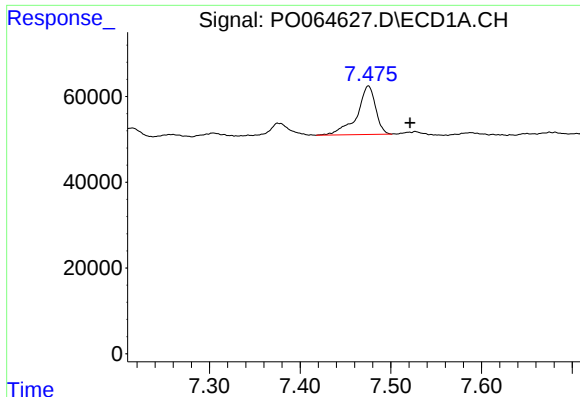
#32 AR-1260-2

R.T.: 7.166 min  
Delta R.T.: 0.000 min  
Response: 592167  
Conc: 299.98 ng/ml



#32 AR-1260-2

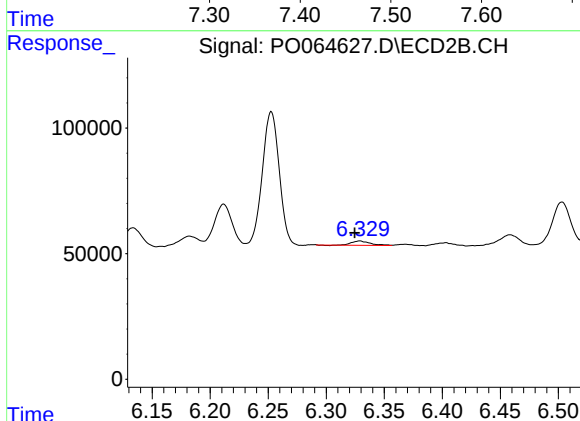
R.T.: 6.182 min  
Delta R.T.: 0.009 min  
Response: 49527  
Conc: 21.29 ng/ml



#33 AR-1260-3

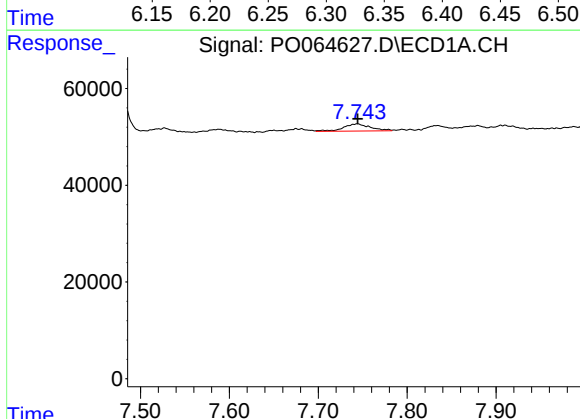
R.T.: 7.475 min  
Delta R.T.: -0.046 min  
Response: 160809  
Conc: 107.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



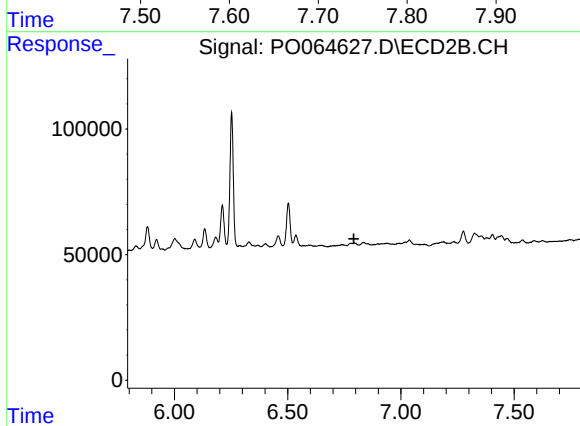
#33 AR-1260-3

R.T.: 6.329 min  
Delta R.T.: 0.004 min  
Response: 18541  
Conc: 8.76 ng/ml



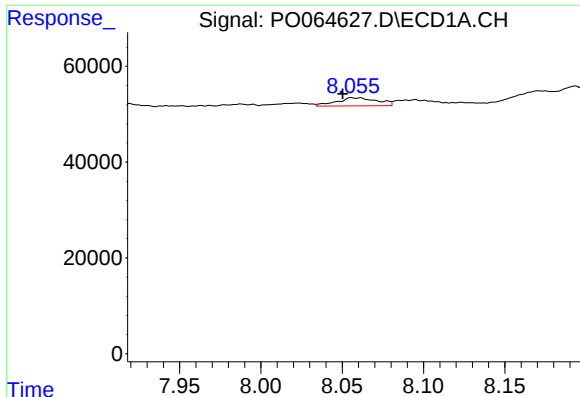
#34 AR-1260-4

R.T.: 7.744 min  
Delta R.T.: 0.000 min  
Response: 30675  
Conc: 16.61 ng/ml



#34 AR-1260-4

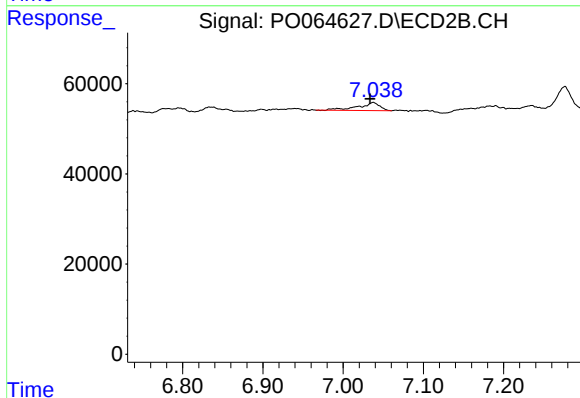
R.T.: 0.000 min  
Exp R.T.: 6.793 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

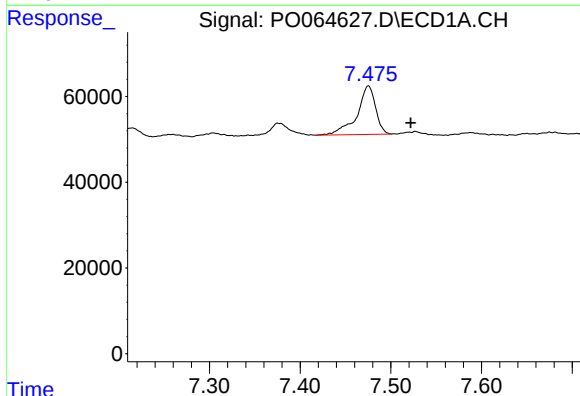
R.T.: 8.056 min  
Delta R.T.: 0.006 min  
Response: 29662  
Conc: 7.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



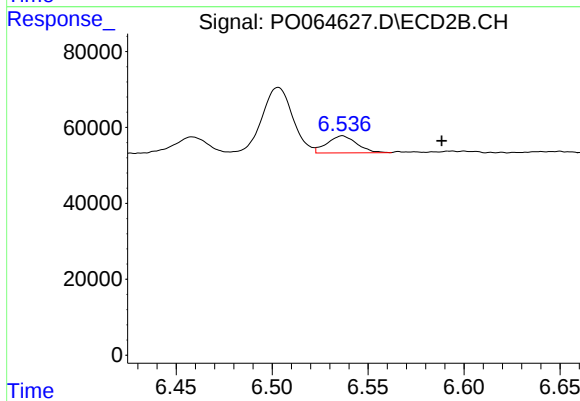
#35 AR-1260-5

R.T.: 7.038 min  
Delta R.T.: 0.004 min  
Response: 33697  
Conc: 7.18 ng/ml



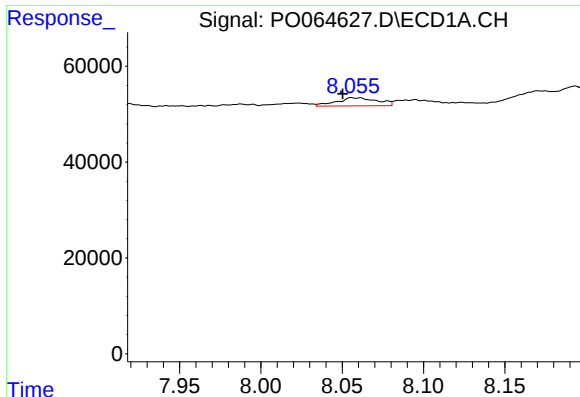
#36 AR-1262-1

R.T.: 7.475 min  
Delta R.T.: -0.047 min  
Response: 160809  
Conc: 69.93 ng/ml



#36 AR-1262-1

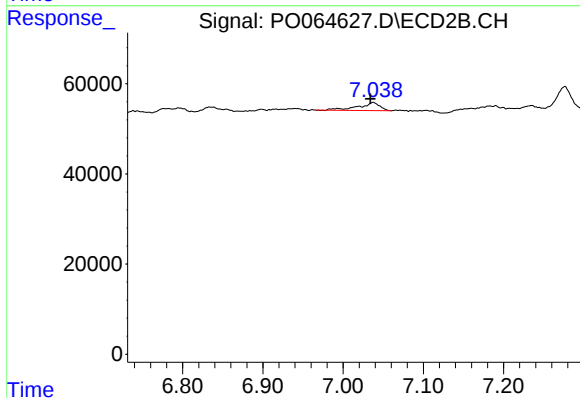
R.T.: 6.537 min  
Delta R.T.: -0.052 min  
Response: 48125  
Conc: 41.95 ng/ml



#37 AR-1262-2

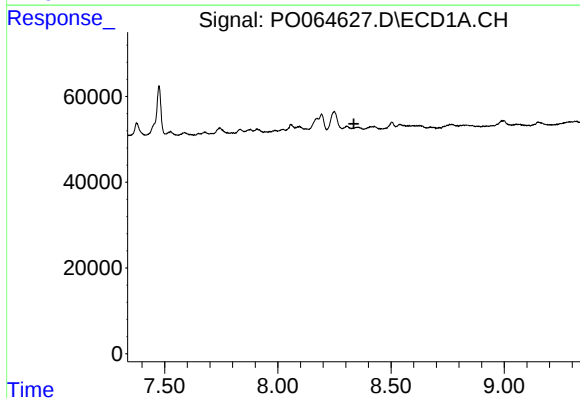
R.T.: 8.056 min  
Delta R.T.: 0.006 min  
Response: 29662  
Conc: 6.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



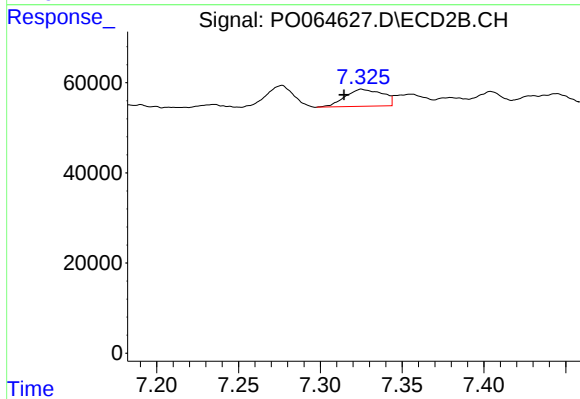
#37 AR-1262-2

R.T.: 7.038 min  
Delta R.T.: 0.004 min  
Response: 33697  
Conc: 6.17 ng/ml



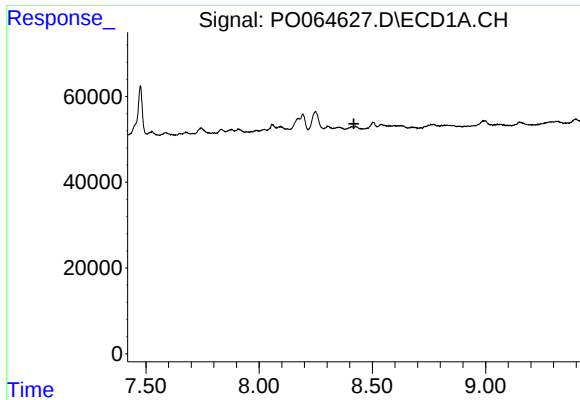
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.336 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

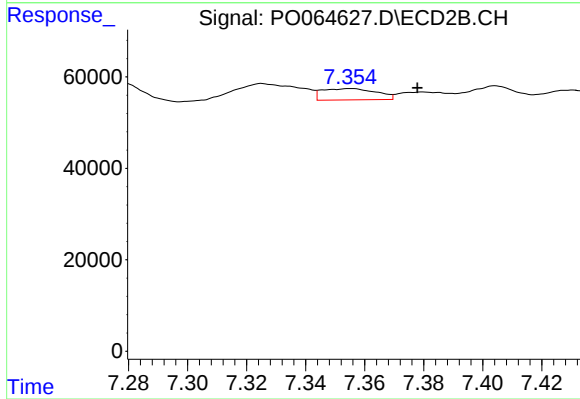
R.T.: 7.325 min  
Delta R.T.: 0.011 min  
Response: 60200  
Conc: 28.90 ng/ml



#39 AR-1262-4

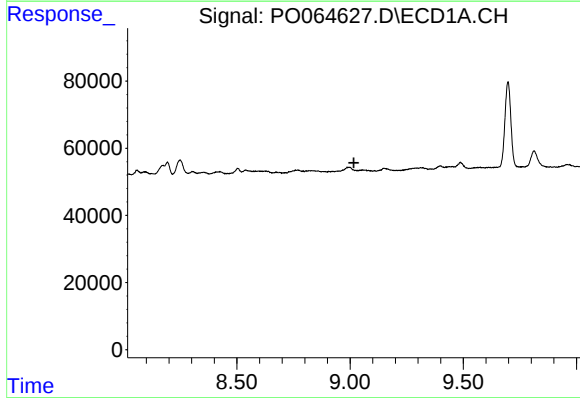
R.T.: 0.000 min  
Exp R.T.: 8.419 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



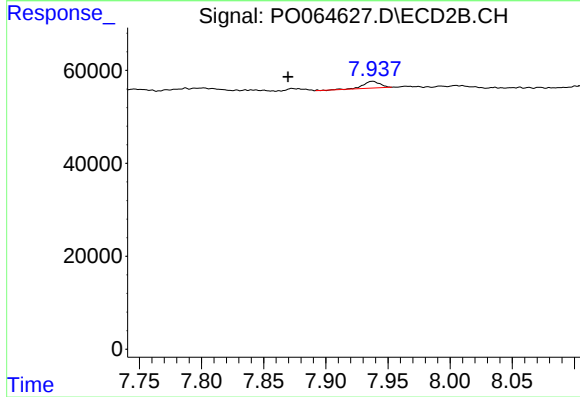
#39 AR-1262-4

R.T.: 7.355 min  
Delta R.T.: -0.022 min  
Response: 31686  
Conc: 7.96 ng/ml



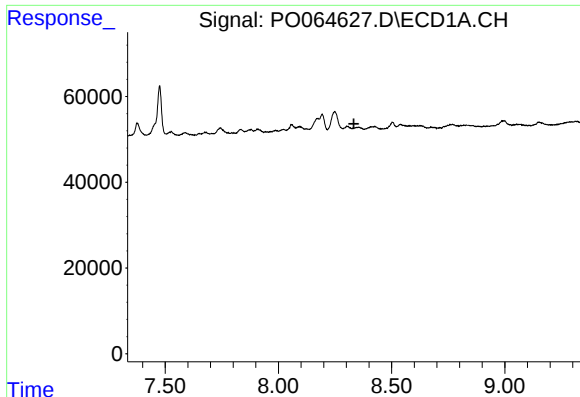
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.017 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

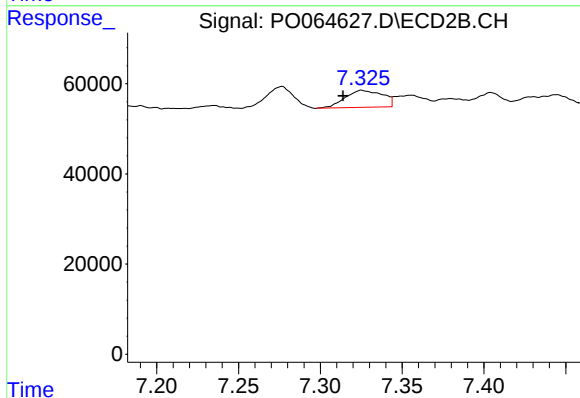
R.T.: 7.938 min  
Delta R.T.: 0.068 min  
Response: 13996  
Conc: 8.03 ng/ml



#41 AR-1268-1

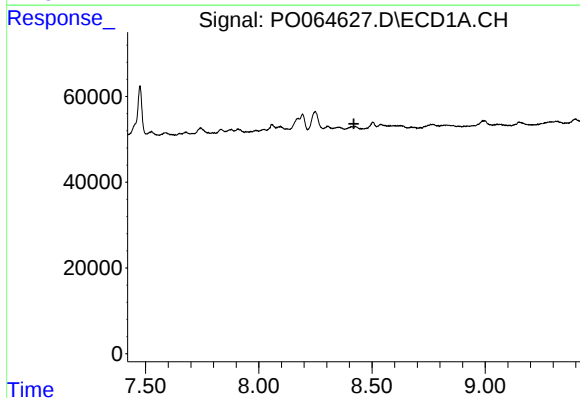
R.T.: 0.000 min  
Exp R.T.: 8.334 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



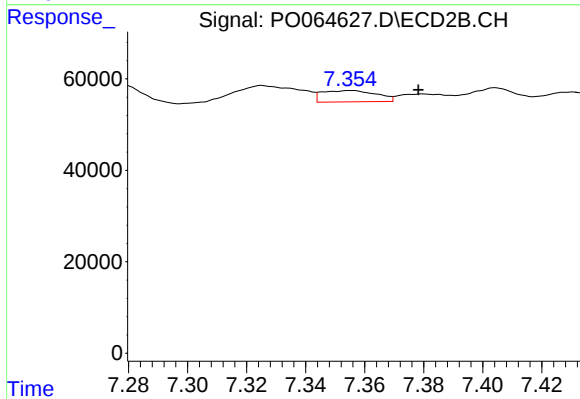
#41 AR-1268-1

R.T.: 7.325 min  
Delta R.T.: 0.011 min  
Response: 60200  
Conc: 9.41 ng/ml



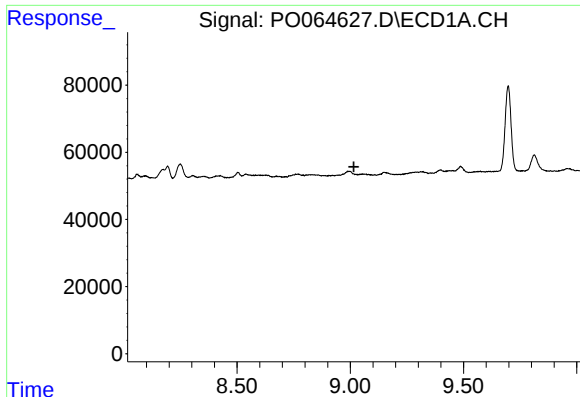
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.420 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

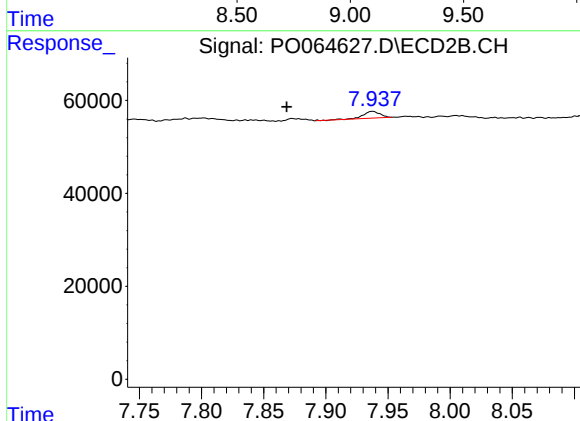
R.T.: 7.355 min  
Delta R.T.: -0.023 min  
Response: 31686  
Conc: 5.44 ng/ml



#44 AR-1268-4

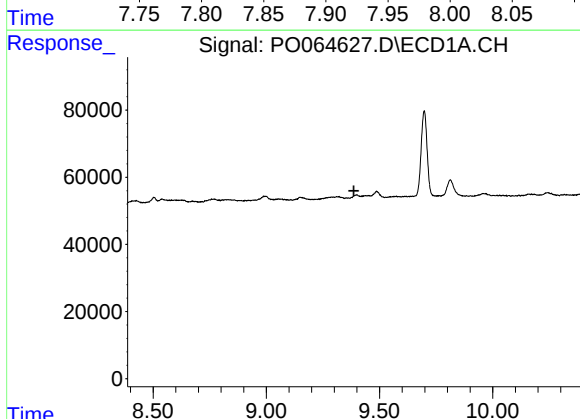
R.T.: 0.000 min  
Exp R.T.: 9.016 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
WO-4



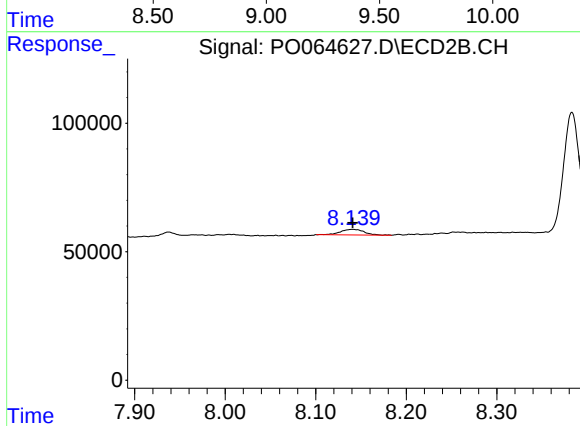
#44 AR-1268-4

R.T.: 7.938 min  
Delta R.T.: 0.069 min  
Response: 13996  
Conc: 6.95 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.386 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.141 min  
Delta R.T.: 0.000 min  
Response: 39138  
Conc: 2.71 ng/ml