

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ082518\  
 Data File : PQ031409.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Aug 2018 18:13  
 Operator : SM\SJ  
 Sample : J4596-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleID :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 24 22:43:37 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080918CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Aug 13 07:57:53 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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... | 4.602  | 3.882 | 39585891 | 34386373 | 19.913  | 17.696    |
| 2)                          | SA Decachlor... | 10.456 | 8.966 | 93757743 | 86423801 | 47.145  | 39.210    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.565 | 0        | 211874   | N.D.    | 4.230 #   |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.983 | 0        | 4317806  | N.D.    | 59.375 #  |
| 5)                          | L1 AR-1016-3    | 5.840  | 5.033 | 2884703  | 1187989  | 40.449  | 10.997 #  |
| 6)                          | L1 AR-1016-4    | 5.840  | 5.033 | 2884703  | 1187989  | 42.873  | 16.562 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.438 | 0        | 622324   | N.D.    | 9.749 #   |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.189 | 0        | 514522   | N.D.    | 28.778 #  |
| 10)                         | L2 AR-1221-3    | 5.049  | 4.324 | 1241682  | 1810399  | 21.013  | 28.849 #  |
| 11)                         | L3 AR-1232-1    | 5.840  | 4.757 | 2884703  | 761539   | 64.026  | 35.023 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.033 | 0        | 1187989  | N.D.    | 28.904 #  |
| 13)                         | L3 AR-1232-3    | 6.079  | 5.263 | 4826390  | 886346   | 331.800 | 51.229 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.832 | 0        | 892635   | N.D.    | 41.930 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.565 | 0        | 211874   | N.D.    | 9.898 #   |
| 17)                         | L4 AR-1242-2    | 6.079  | 5.221 | 4826390  | 3890561  | 130.375 | 93.081 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.221 | 0        | 3890561  | N.D.    | 118.719 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 6.004 | 0        | 451409   | N.D.    | 10.936 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 6.004 | 0        | 451409   | N.D.    | 12.865 #  |
| 21)                         | L5 AR-1248-1    | 6.079  | 5.221 | 4826390  | 3890561  | 74.571  | 57.454    |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.789 | 0        | 1064985  | N.D.    | 7.806 #   |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.832 | 0        | 892635   | N.D.    | 9.639 #   |
| 24)                         | L5 AR-1248-4    | 0.000  | 6.004 | 0        | 451409   | N.D.    | 5.658 #   |
| 25)                         | L5 AR-1248-5    | 0.000  | 6.348 | 0        | 421577   | N.D.    | 5.839 #   |
| 26)                         | L6 AR-1254-1    | 0.000  | 6.004 | 0        | 451409   | N.D.    | 3.186 #   |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.260 | 0        | 425342   | N.D.    | 3.557 #   |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.884 | 0        | 415482   | N.D.    | 3.876 #   |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.651 | 0        | 647896   | N.D.    | 3.635 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.884 | 0        | 415482   | N.D.    | 2.417 #   |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.320 | 0        | 4104286  | N.D.    | 29.678 #  |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.537 | 0        | 4685706  | N.D.    | 14.649 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.348 | 0        | 421577   | N.D.    | 3.535 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.077 | 0        | 10888784 | N.D.    | 113.597 # |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.402 | 0        | 5567074  | N.D.    | 57.831 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.792 | 0        | 1142391  | N.D.    | 6.748 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.077 | 0        | 10888784 | N.D.    | 124.049 # |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.086 | 0        | 868685   | N.D.    | 2.222 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.179 | 0        | 620635   | N.D.    | 6.354 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.690 | 0        | 750293   | N.D.    | 0.688 #   |
| -----                       |                 |        |       |          |          |         |           |

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

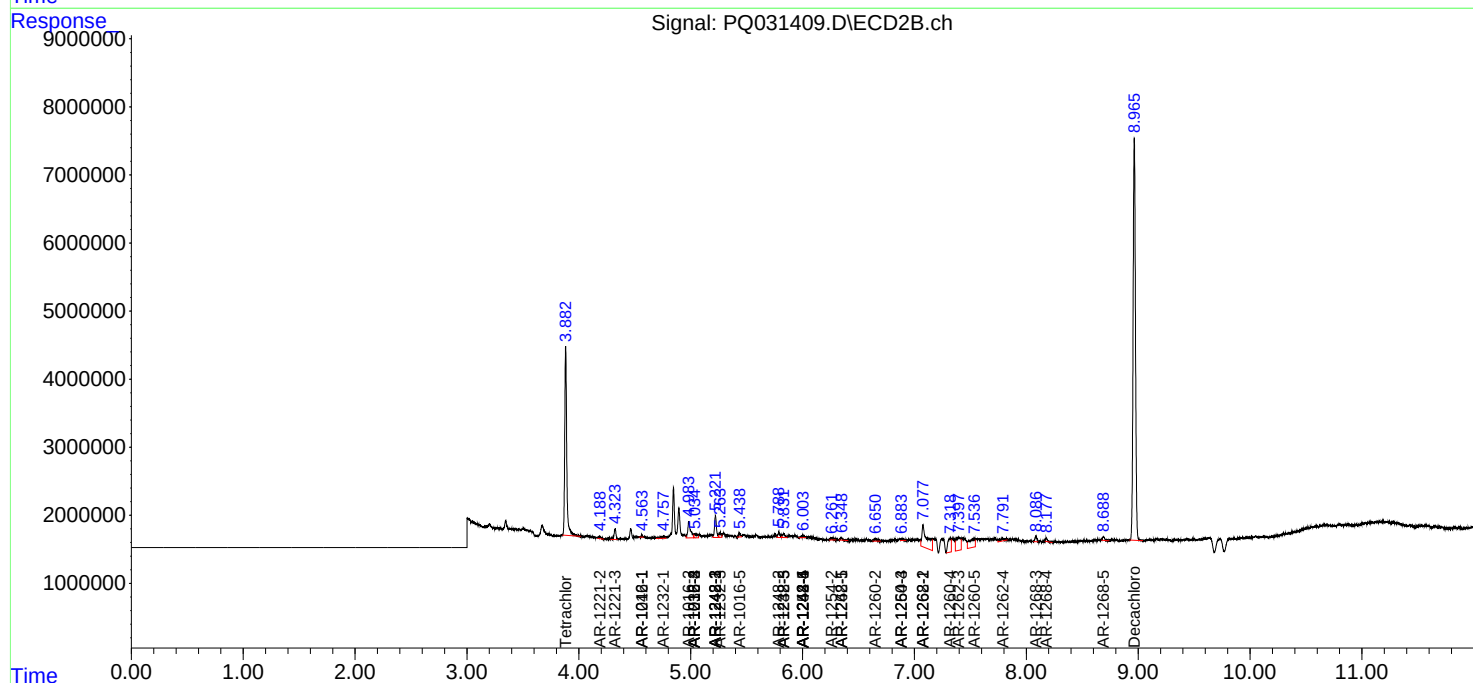
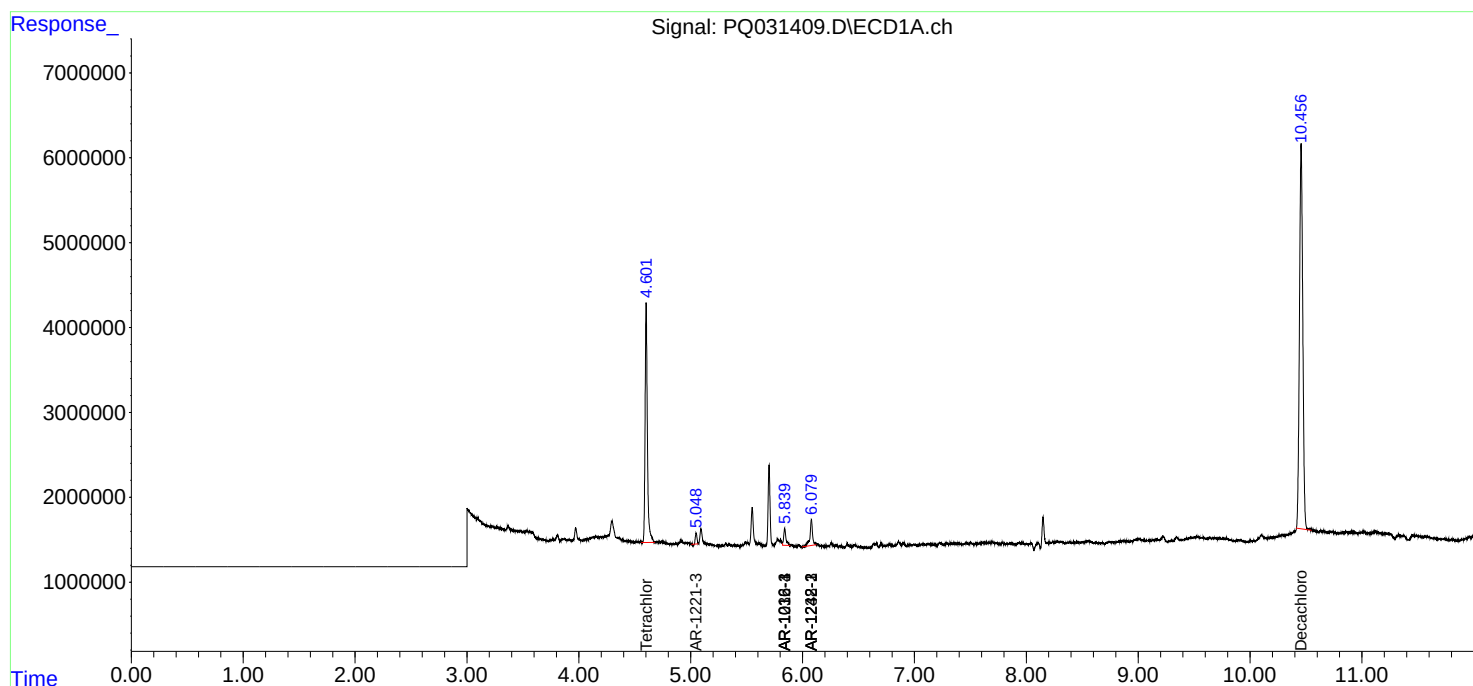
Instrument :  
ECD\_Q  
ClientSampleId :

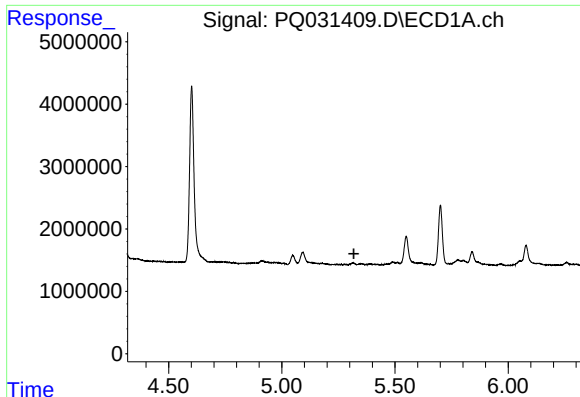
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ082518\  
Data File : PQ031409.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Aug 2018 18:13  
Operator : SM\SJ  
Sample : J4596-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 24 22:43:37 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080918CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Aug 13 07:57:53 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

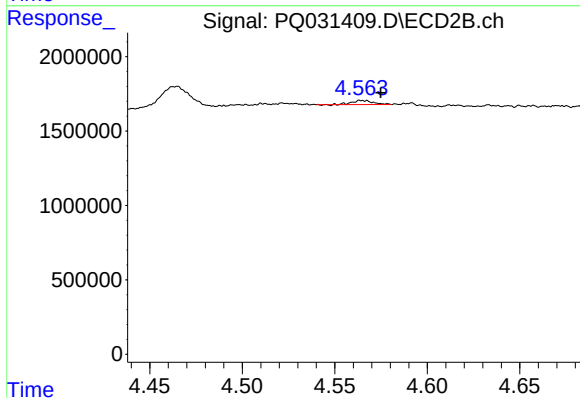




#3 AR-1016-1

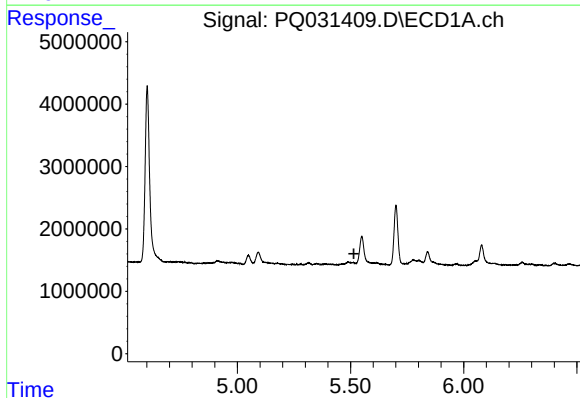
R.T.: 0.000 min  
Exp R.T.: 5.319 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



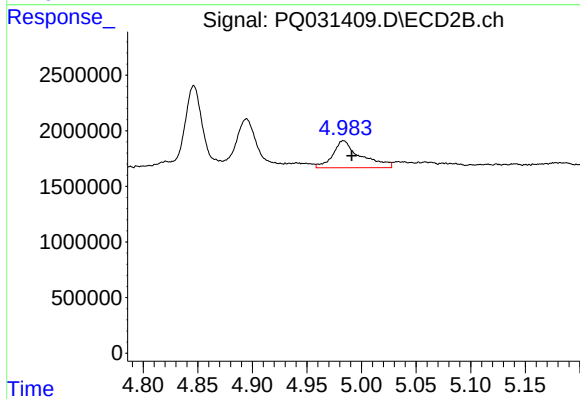
#3 AR-1016-1

R.T.: 4.565 min  
Delta R.T.: -0.010 min  
Response: 211874  
Conc: 4.23 ng/ml



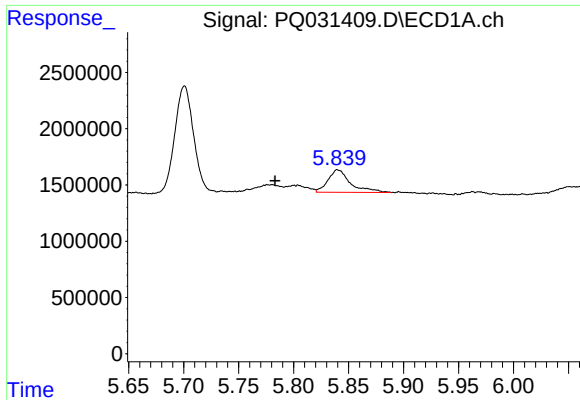
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.515 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

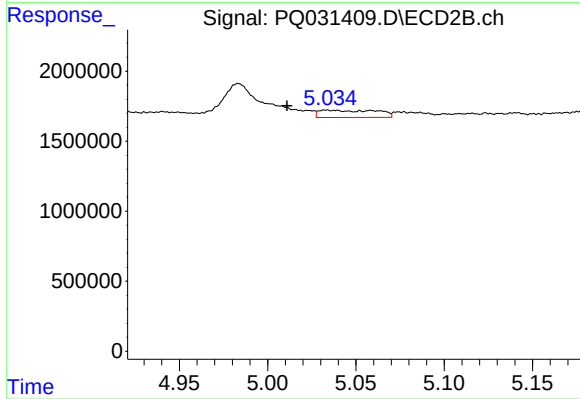
R.T.: 4.983 min  
Delta R.T.: -0.008 min  
Response: 4317806  
Conc: 59.38 ng/ml



#5 AR-1016-3

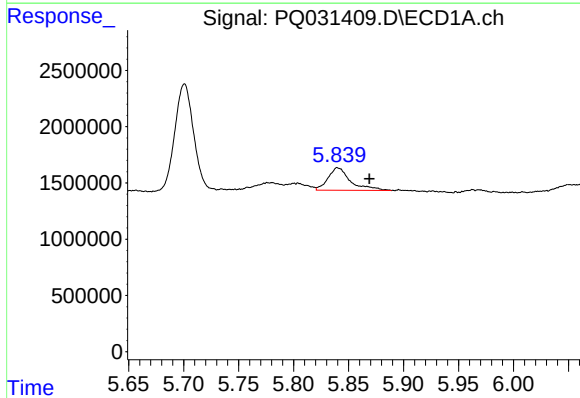
R.T.: 5.840 min  
Delta R.T.: 0.057 min  
Response: 2884703  
Conc: 40.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



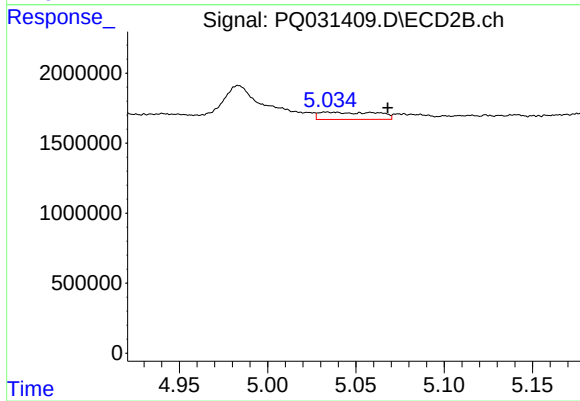
#5 AR-1016-3

R.T.: 5.033 min  
Delta R.T.: 0.022 min  
Response: 1187989  
Conc: 11.00 ng/ml



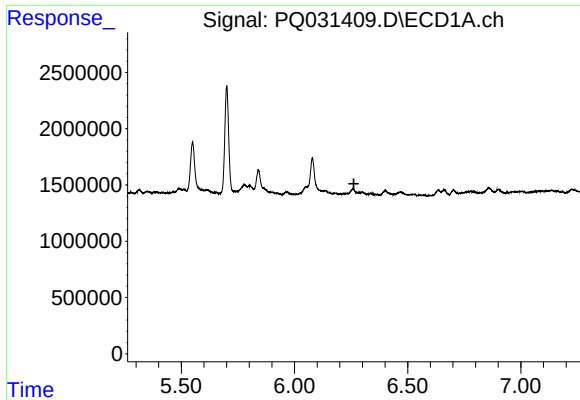
#6 AR-1016-4

R.T.: 5.840 min  
Delta R.T.: -0.029 min  
Response: 2884703  
Conc: 42.87 ng/ml



#6 AR-1016-4

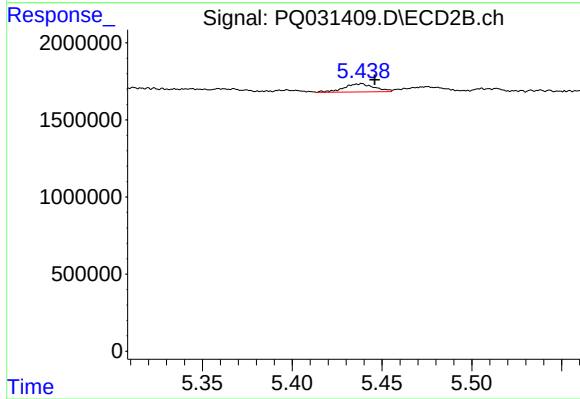
R.T.: 5.033 min  
Delta R.T.: -0.035 min  
Response: 1187989  
Conc: 16.56 ng/ml



#7 AR-1016-5

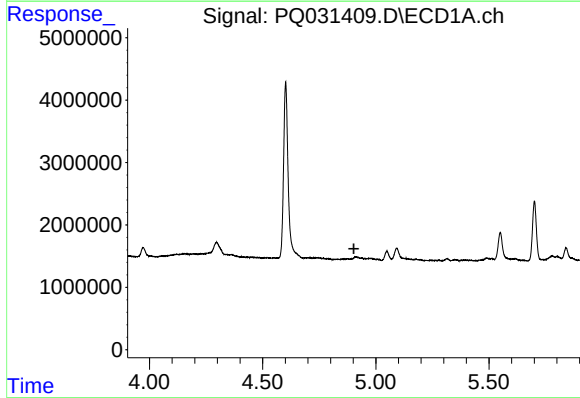
R.T.: 0.000 min  
Exp R.T. : 6.263 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



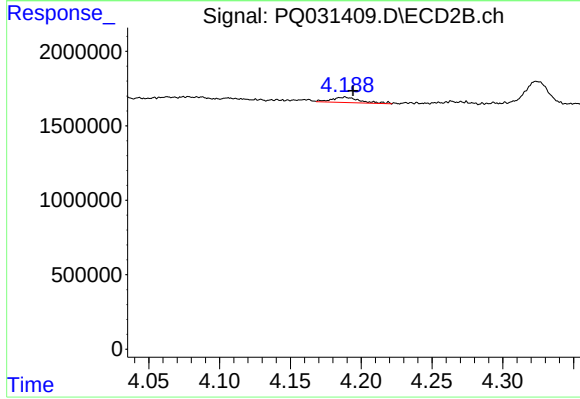
#7 AR-1016-5

R.T.: 5.438 min  
Delta R.T.: -0.008 min  
Response: 622324  
Conc: 9.75 ng/ml



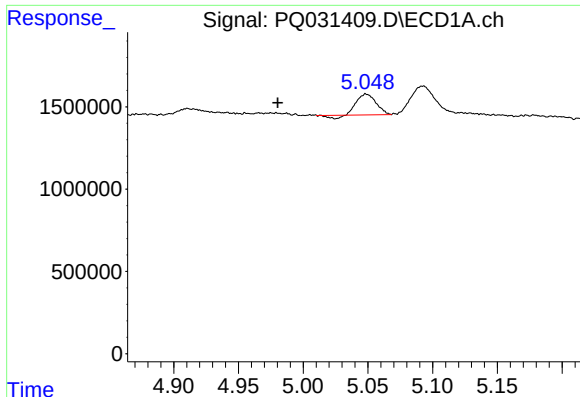
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.903 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

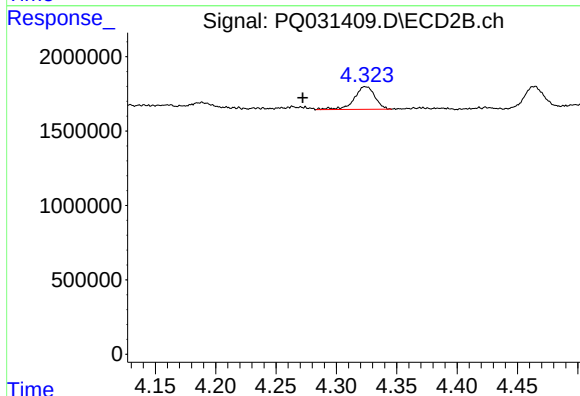
R.T.: 4.189 min  
Delta R.T.: -0.006 min  
Response: 514522  
Conc: 28.78 ng/ml



#10 AR-1221-3

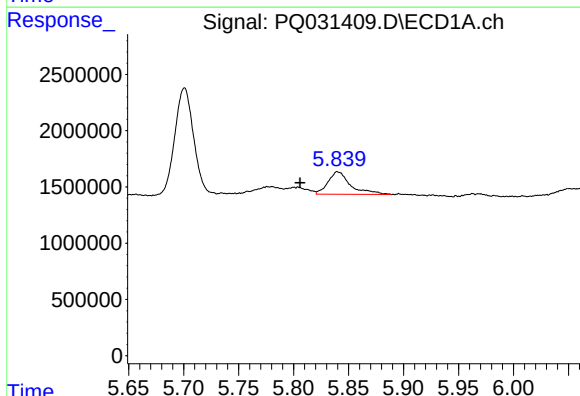
R.T.: 5.049 min  
Delta R.T.: 0.068 min  
Response: 1241682  
Conc: 21.01 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



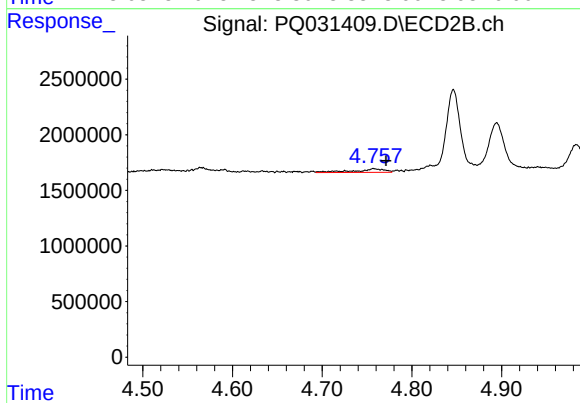
#10 AR-1221-3

R.T.: 4.324 min  
Delta R.T.: 0.052 min  
Response: 1810399  
Conc: 28.85 ng/ml



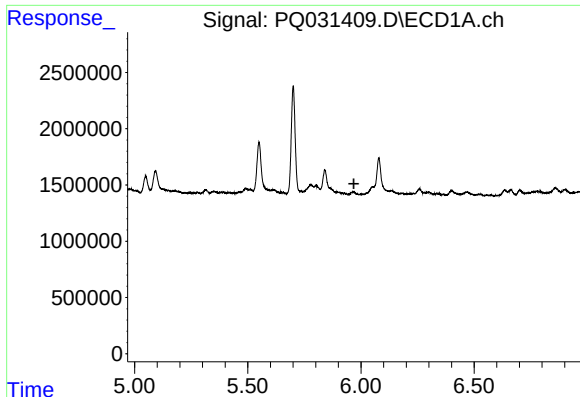
#11 AR-1232-1

R.T.: 5.840 min  
Delta R.T.: 0.034 min  
Response: 2884703  
Conc: 64.03 ng/ml



#11 AR-1232-1

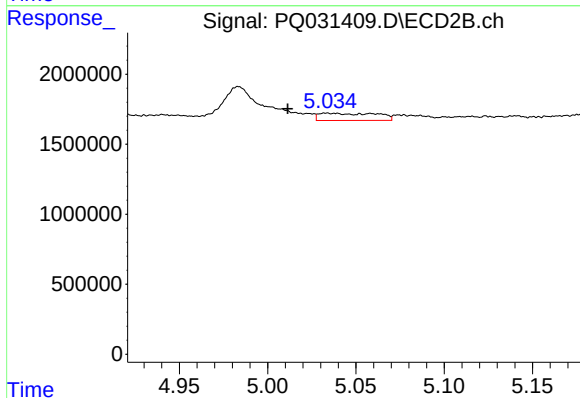
R.T.: 4.757 min  
Delta R.T.: -0.014 min  
Response: 761539  
Conc: 35.02 ng/ml



#12 AR-1232-2

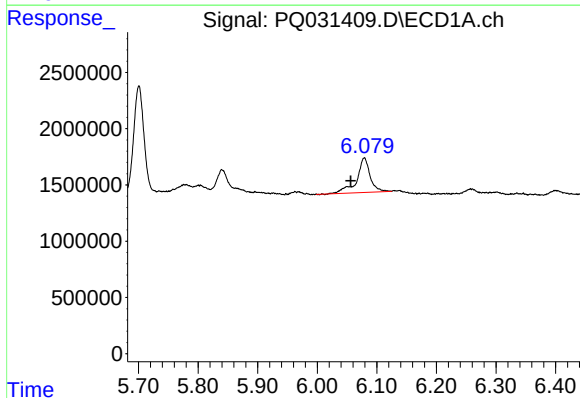
R.T.: 0.000 min  
Exp R.T.: 5.969 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



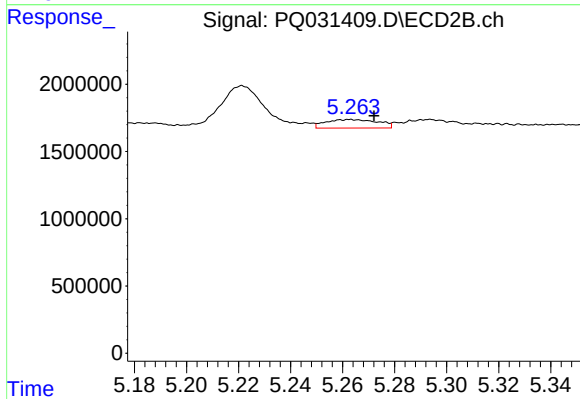
#12 AR-1232-2

R.T.: 5.033 min  
Delta R.T.: 0.022 min  
Response: 1187989  
Conc: 28.90 ng/ml



#13 AR-1232-3

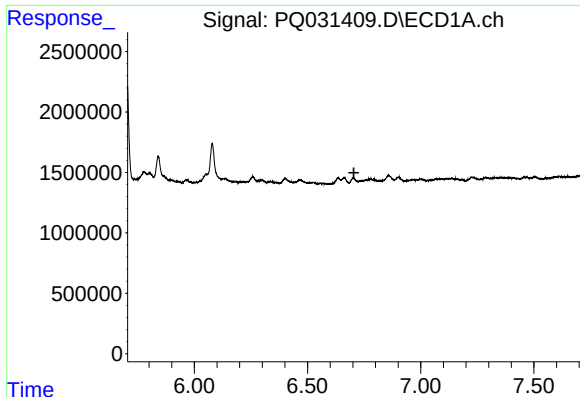
R.T.: 6.079 min  
Delta R.T.: 0.023 min  
Response: 4826390  
Conc: 331.80 ng/ml



#13 AR-1232-3

R.T.: 5.263 min  
Delta R.T.: -0.009 min  
Response: 886346  
Conc: 51.23 ng/ml

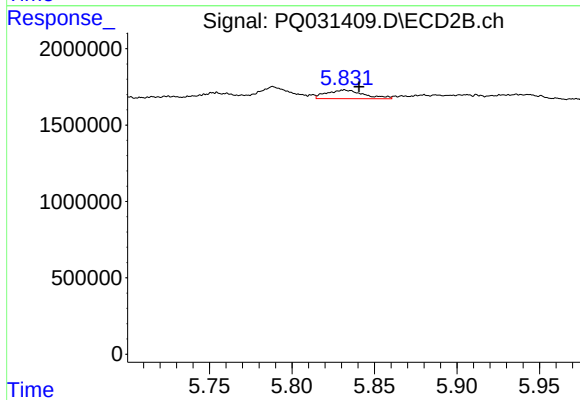




#15 AR-1232-5

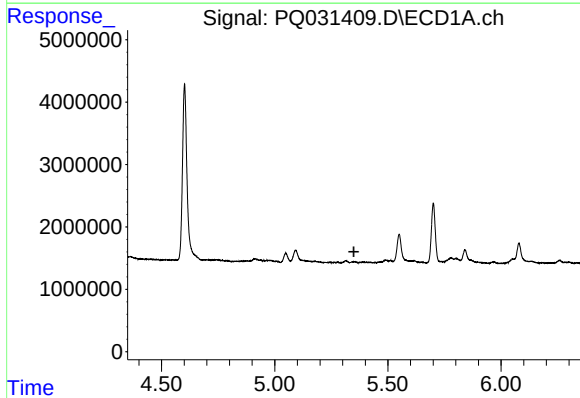
R.T.: 0.000 min  
Exp R.T.: 6.705 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



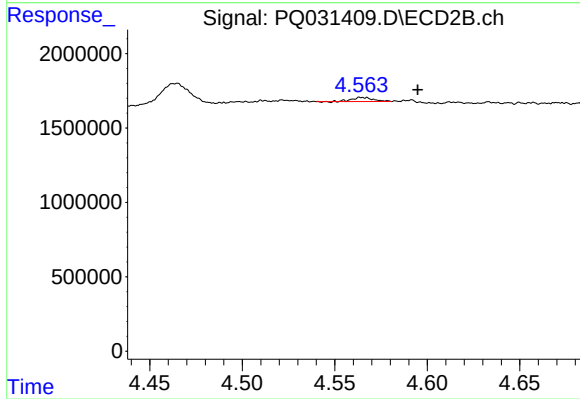
#15 AR-1232-5

R.T.: 5.832 min  
Delta R.T.: -0.009 min  
Response: 892635  
Conc: 41.93 ng/ml



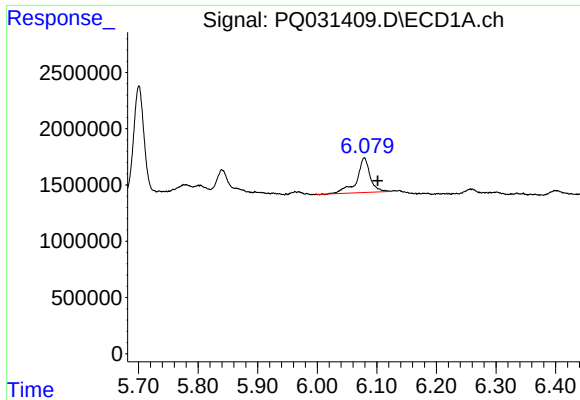
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 5.350 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

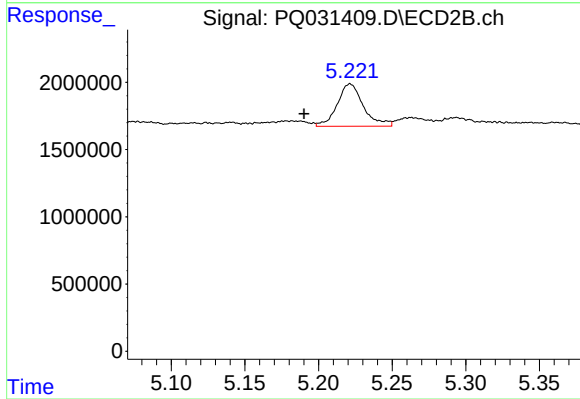
R.T.: 4.565 min  
Delta R.T.: -0.030 min  
Response: 211874  
Conc: 9.90 ng/ml



#17 AR-1242-2

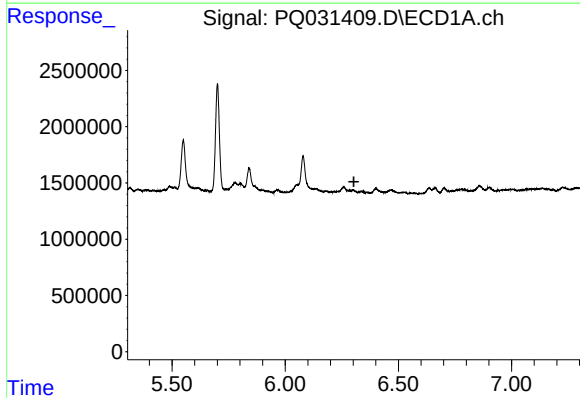
R.T.: 6.079 min  
Delta R.T.: -0.023 min  
Response: 4826390  
Conc: 130.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



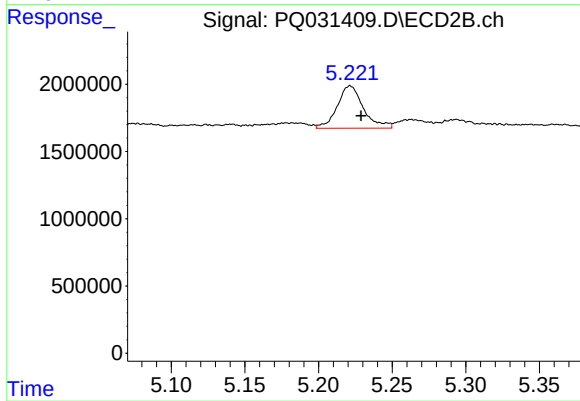
#17 AR-1242-2

R.T.: 5.221 min  
Delta R.T.: 0.031 min  
Response: 3890561  
Conc: 93.08 ng/ml



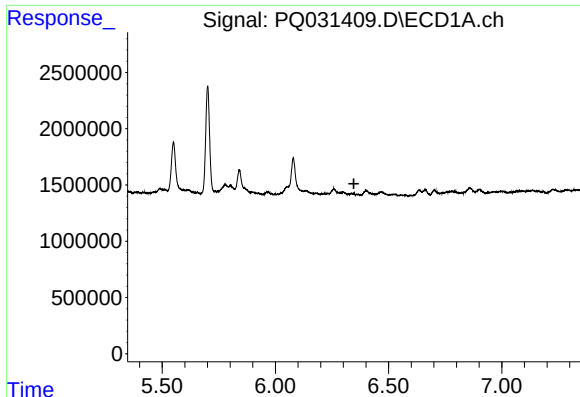
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 6.304 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

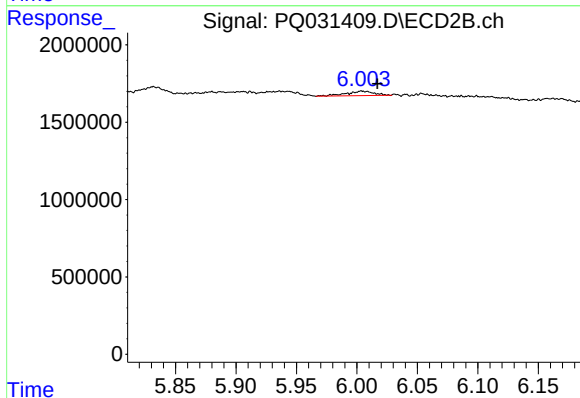
R.T.: 5.221 min  
Delta R.T.: -0.007 min  
Response: 3890561  
Conc: 118.72 ng/ml



#19 AR-1242-4

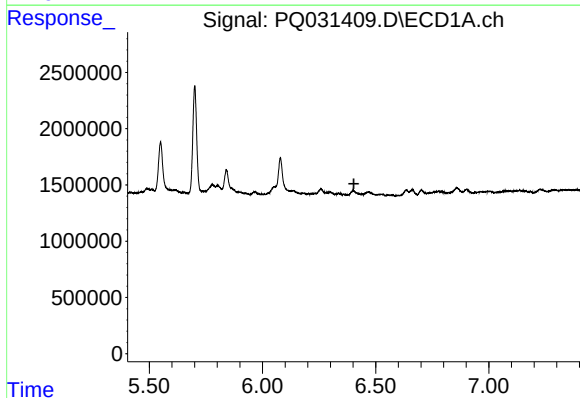
R.T.: 0.000 min  
Exp R.T.: 6.347 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



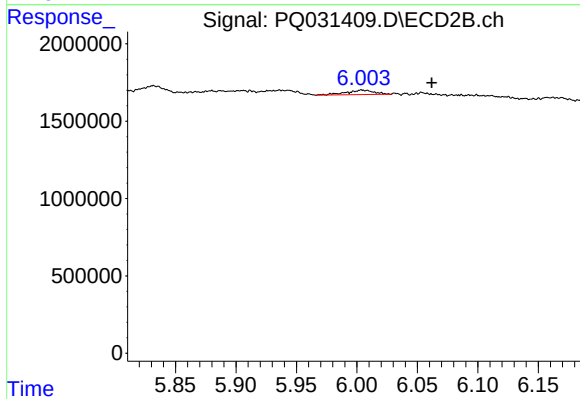
#19 AR-1242-4

R.T.: 6.004 min  
Delta R.T.: -0.013 min  
Response: 451409  
Conc: 10.94 ng/ml



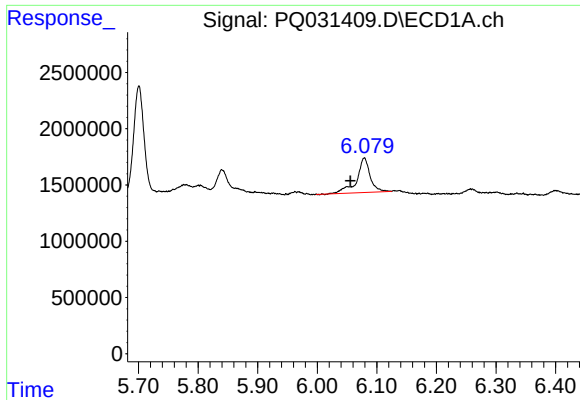
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.404 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

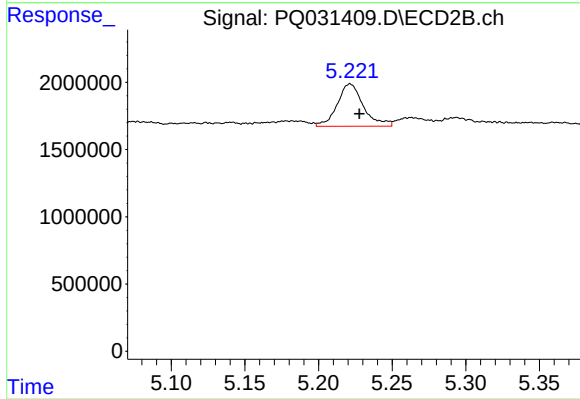
R.T.: 6.004 min  
Delta R.T.: -0.058 min  
Response: 451409  
Conc: 12.86 ng/ml



#21 AR-1248-1

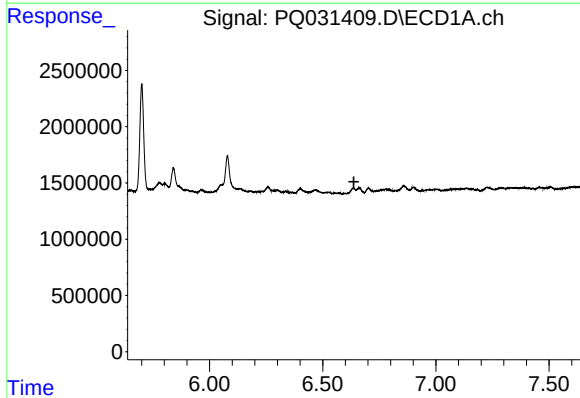
R.T.: 6.079 min  
Delta R.T.: 0.023 min  
Response: 4826390  
Conc: 74.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



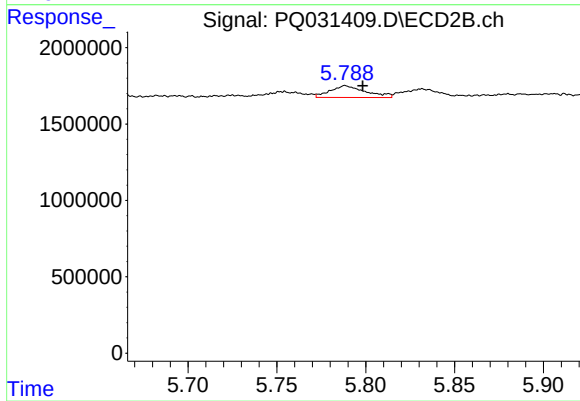
#21 AR-1248-1

R.T.: 5.221 min  
Delta R.T.: -0.006 min  
Response: 3890561  
Conc: 57.45 ng/ml



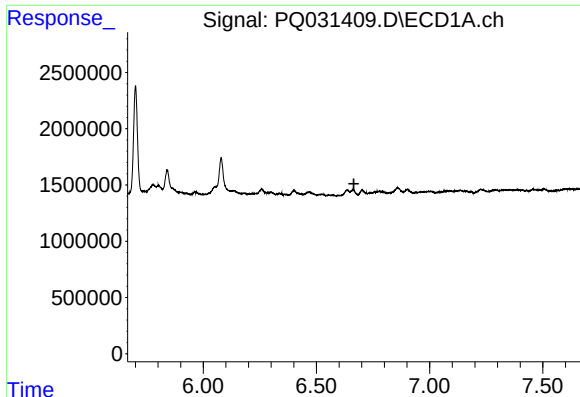
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.638 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

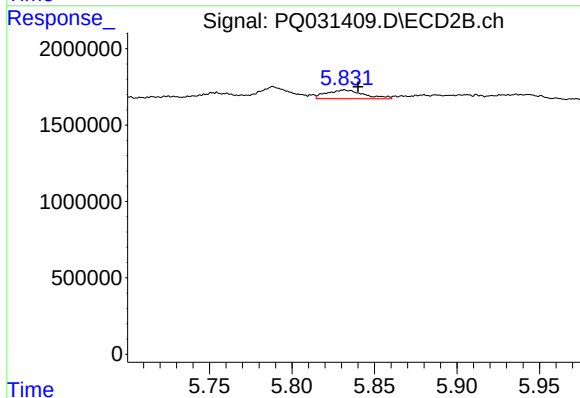
R.T.: 5.789 min  
Delta R.T.: -0.010 min  
Response: 1064985  
Conc: 7.81 ng/ml



#23 AR-1248-3

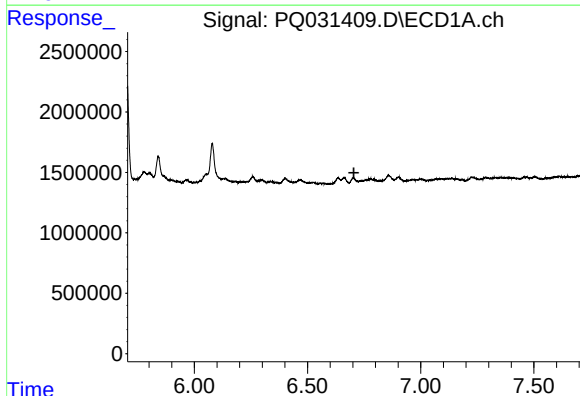
R.T.: 0.000 min  
Exp R.T.: 6.665 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



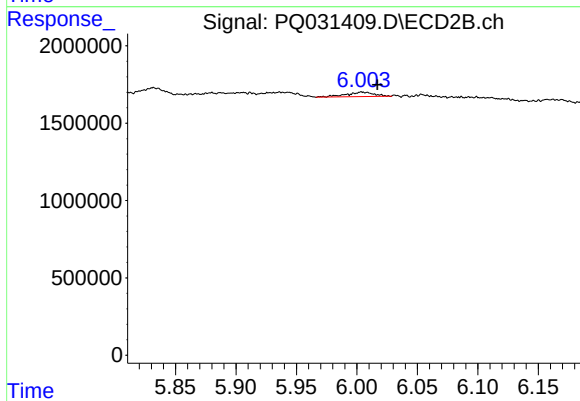
#23 AR-1248-3

R.T.: 5.832 min  
Delta R.T.: -0.008 min  
Response: 892635  
Conc: 9.64 ng/ml



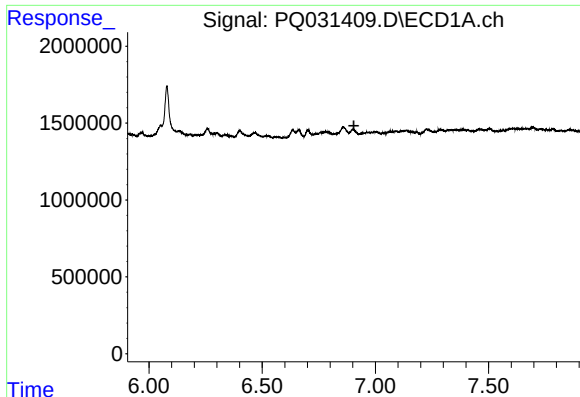
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.705 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

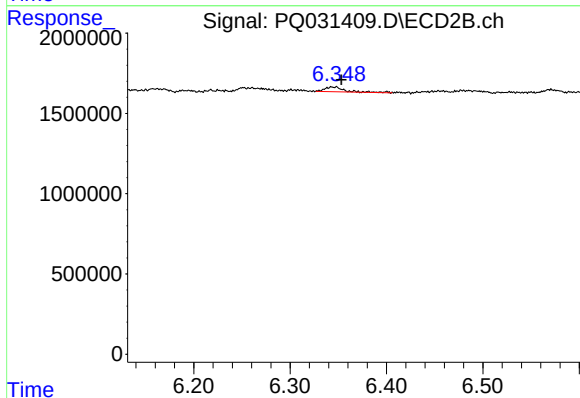
R.T.: 6.004 min  
Delta R.T.: -0.013 min  
Response: 451409  
Conc: 5.66 ng/ml



#25 AR-1248-5

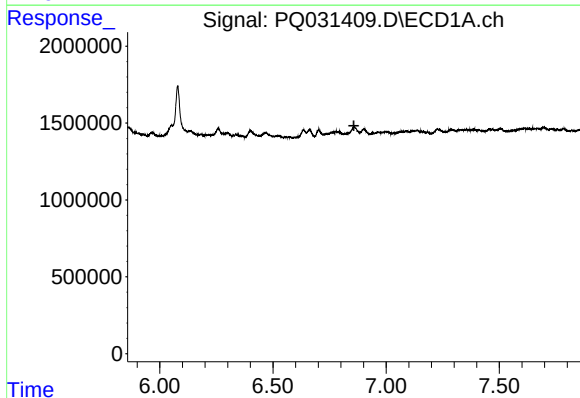
R.T.: 0.000 min  
Exp R.T.: 6.905 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



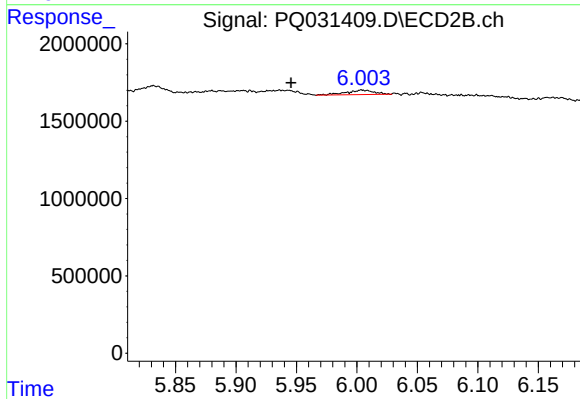
#25 AR-1248-5

R.T.: 6.348 min  
Delta R.T.: -0.005 min  
Response: 421577  
Conc: 5.84 ng/ml



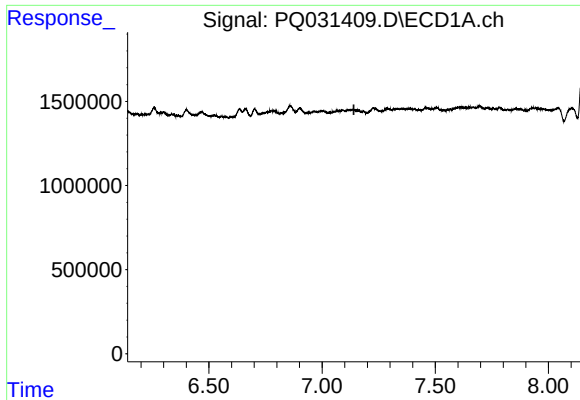
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 6.858 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

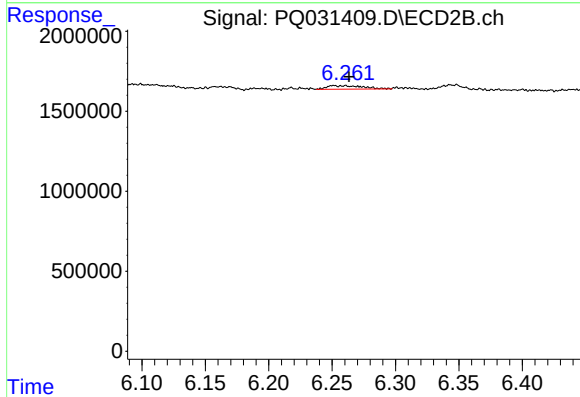
R.T.: 6.004 min  
Delta R.T.: 0.058 min  
Response: 451409  
Conc: 3.19 ng/ml



#27 AR-1254-2

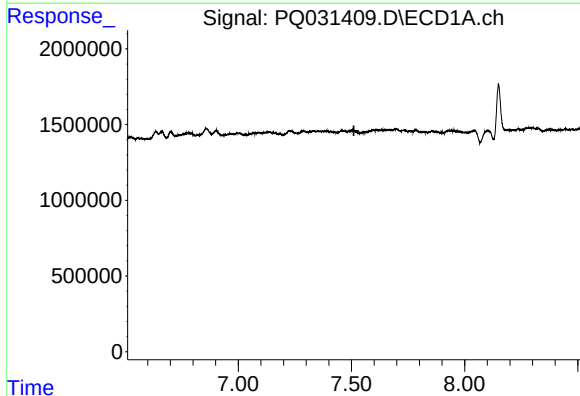
R.T.: 0.000 min  
Exp R.T.: 7.141 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



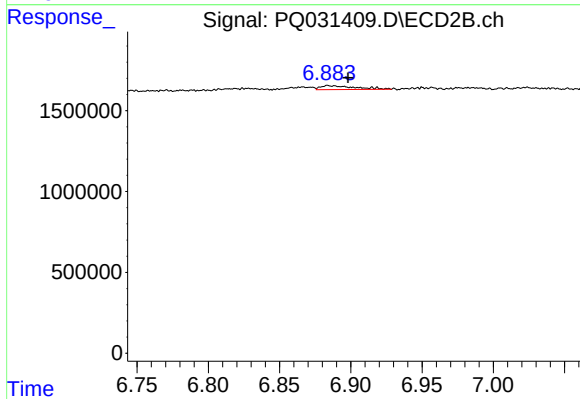
#27 AR-1254-2

R.T.: 6.260 min  
Delta R.T.: -0.003 min  
Response: 425342  
Conc: 3.56 ng/ml



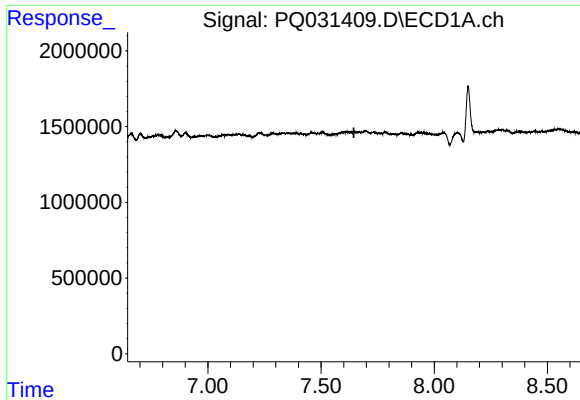
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 7.511 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

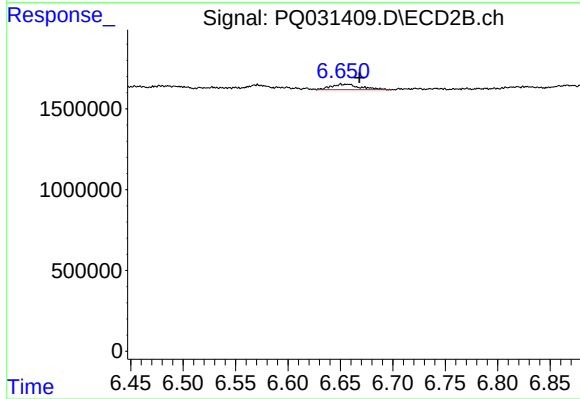
R.T.: 6.884 min  
Delta R.T.: -0.014 min  
Response: 415482  
Conc: 3.88 ng/ml



#32 AR-1260-2

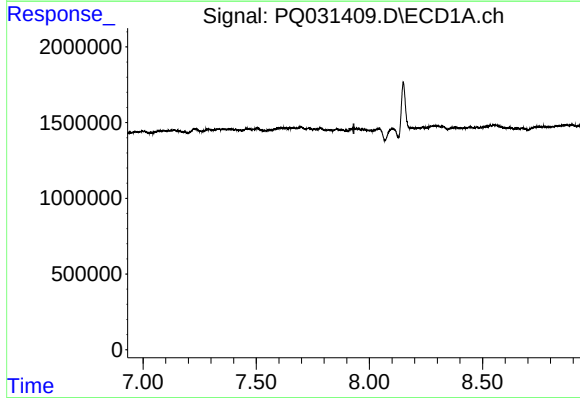
R.T.: 0.000 min  
Exp R.T.: 7.645 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



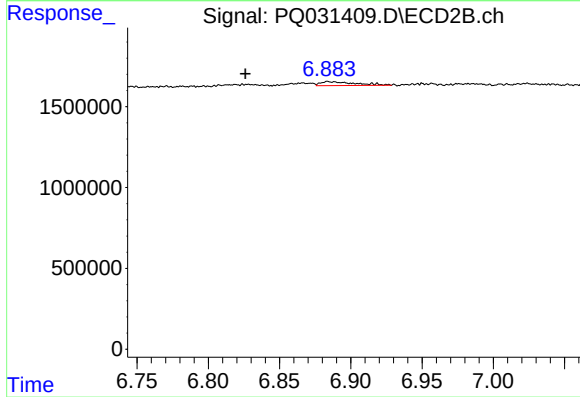
#32 AR-1260-2

R.T.: 6.651 min  
Delta R.T.: -0.017 min  
Response: 647896  
Conc: 3.64 ng/ml



#33 AR-1260-3

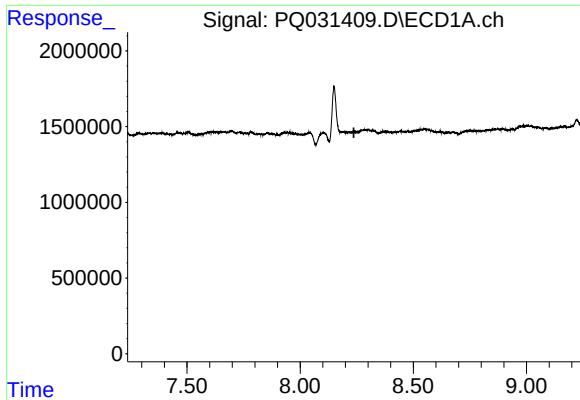
R.T.: 0.000 min  
Exp R.T.: 7.931 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

R.T.: 6.884 min  
Delta R.T.: 0.058 min  
Response: 415482  
Conc: 2.42 ng/ml

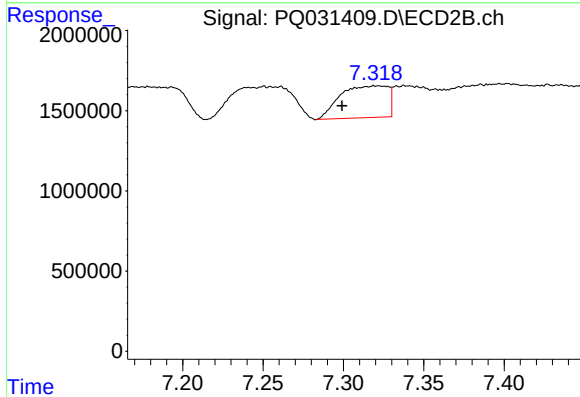




#34 AR-1260-4

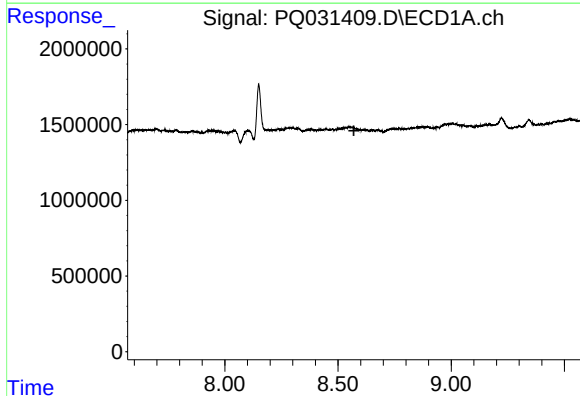
R.T.: 0.000 min  
Exp R.T. : 8.238 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



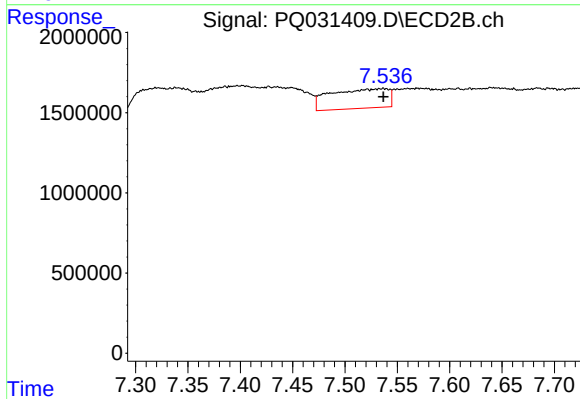
#34 AR-1260-4

R.T.: 7.320 min  
Delta R.T.: 0.021 min  
Response: 4104286  
Conc: 29.68 ng/ml



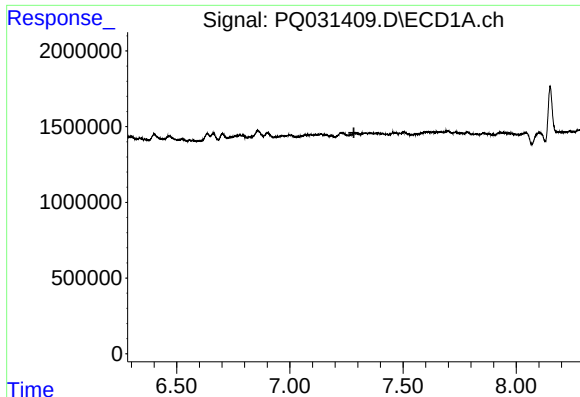
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.570 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

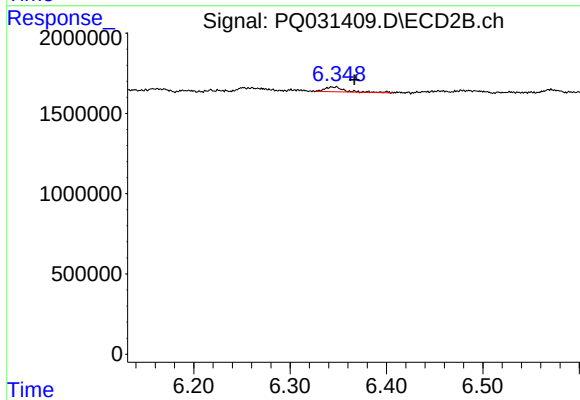
R.T.: 7.537 min  
Delta R.T.: 0.000 min  
Response: 4685706  
Conc: 14.65 ng/ml



#36 AR-1262-1

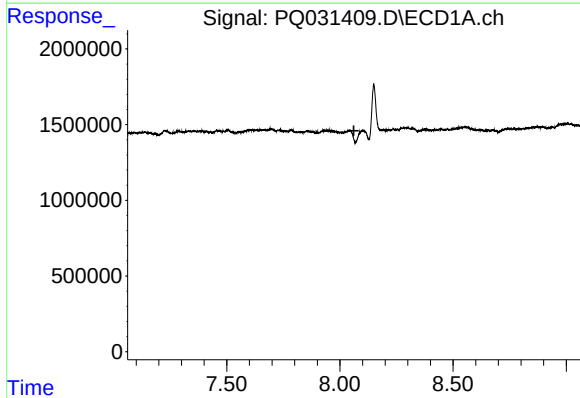
R.T.: 0.000 min  
Exp R.T.: 7.283 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



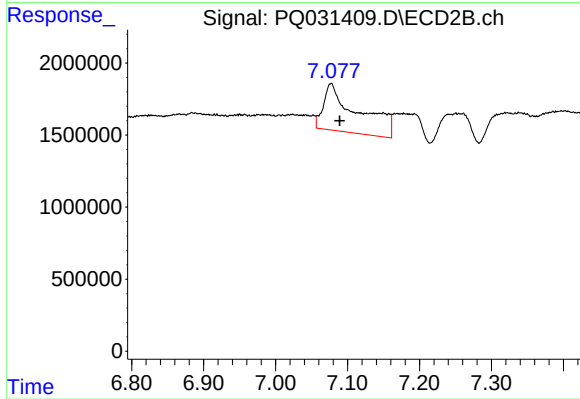
#36 AR-1262-1

R.T.: 6.348 min  
Delta R.T.: -0.019 min  
Response: 421577  
Conc: 3.54 ng/ml



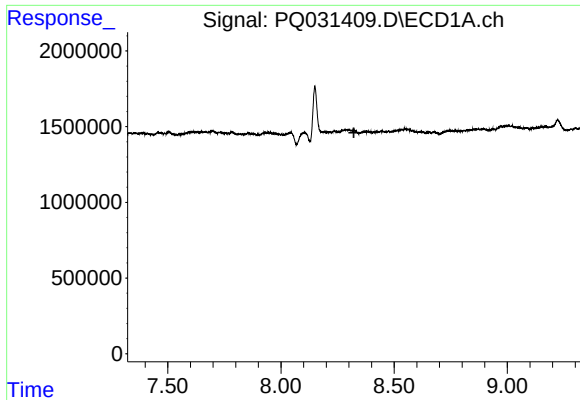
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.062 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

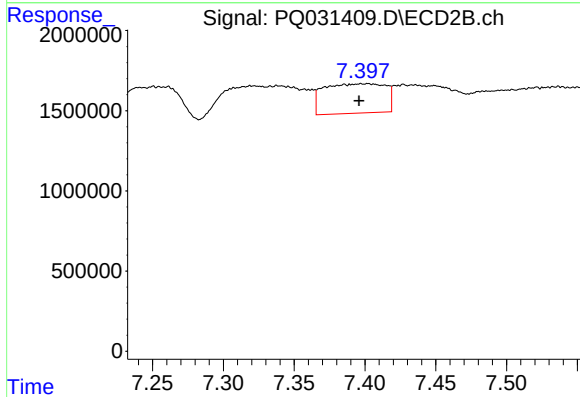
R.T.: 7.077 min  
Delta R.T.: -0.012 min  
Response: 10888784  
Conc: 113.60 ng/ml



#38 AR-1262-3

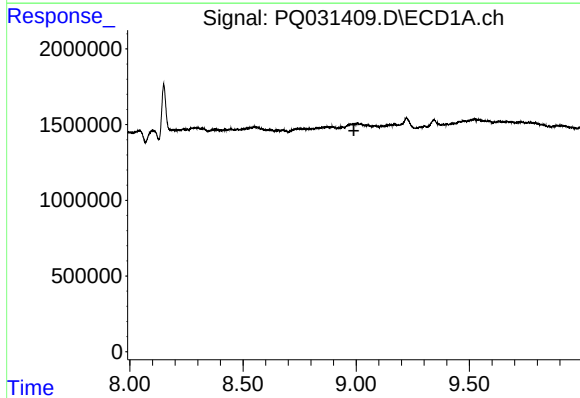
R.T.: 0.000 min  
Exp R.T. : 8.322 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



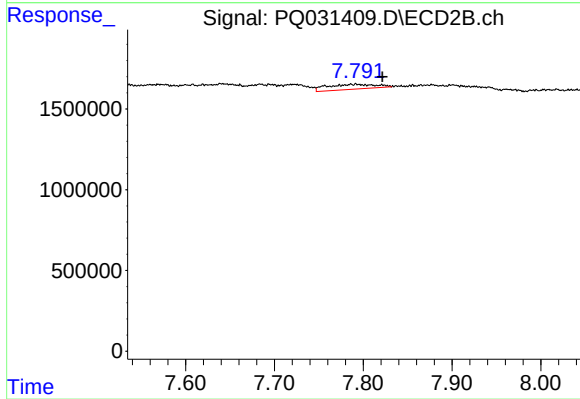
#38 AR-1262-3

R.T.: 7.402 min  
Delta R.T.: 0.006 min  
Response: 5567074  
Conc: 57.83 ng/ml



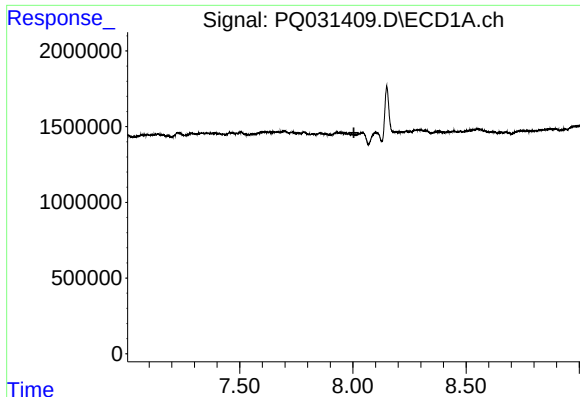
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.990 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

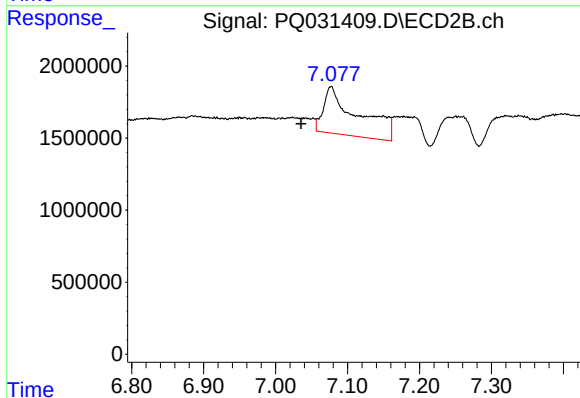
R.T.: 7.792 min  
Delta R.T.: -0.030 min  
Response: 1142391  
Conc: 6.75 ng/ml



#41 AR-1268-1

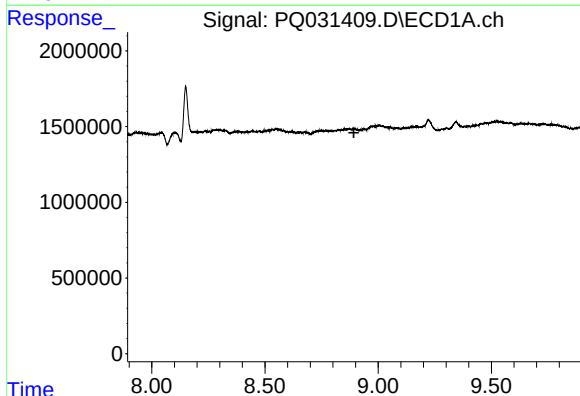
R.T.: 0.000 min  
Exp R.T. : 8.004 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



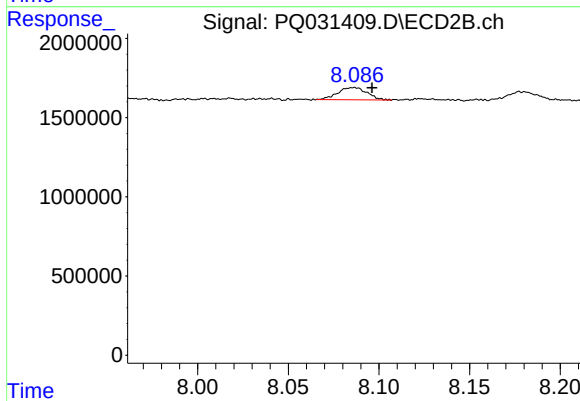
#41 AR-1268-1

R.T.: 7.077 min  
Delta R.T.: 0.042 min  
Response: 10888784  
Conc: 124.05 ng/ml



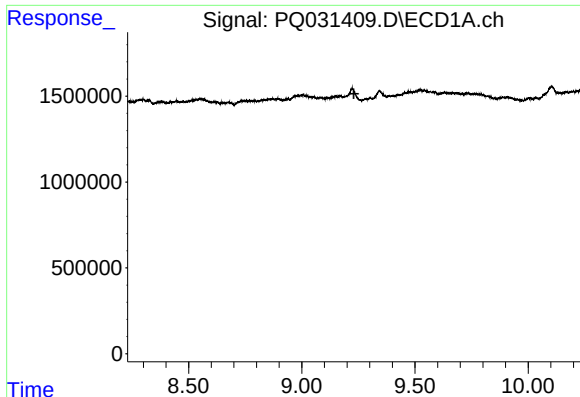
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.893 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

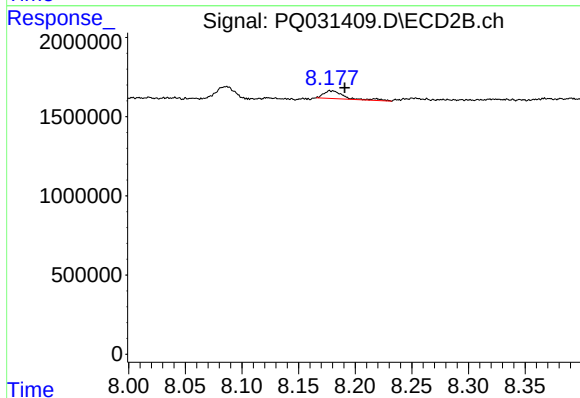
R.T.: 8.086 min  
Delta R.T.: -0.011 min  
Response: 868685  
Conc: 2.22 ng/ml



#44 AR-1268-4

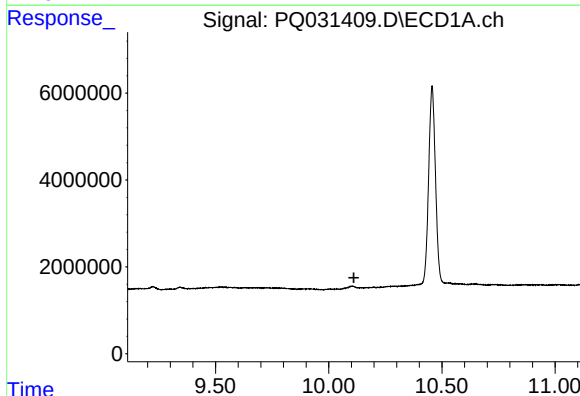
R.T.: 0.000 min  
Exp R.T. : 9.230 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



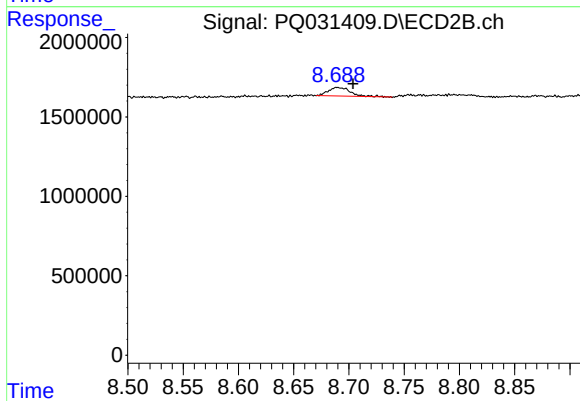
#44 AR-1268-4

R.T.: 8.179 min  
Delta R.T.: -0.011 min  
Response: 620635  
Conc: 6.35 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 10.111 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.690 min  
Delta R.T.: -0.013 min  
Response: 750293  
Conc: 0.69 ng/ml