

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ092518\  
 Data File : PQ032183.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Sep 2018 11:52  
 Operator : SM\SJ  
 Sample : J5014-15  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 26 05:35:55 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ092018CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Sep 21 05:45:25 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... | 4.596  | 3.874 | 38411801 | 33546661 | 18.163 | 19.207   |
| 2)                          | SA Decachlor... | 10.451 | 8.949 | 70279246 | 61406386 | 33.419 | 33.116   |
|                             |                 |        |       |          |          |        |          |
| Target Compounds            |                 |        |       |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.720  | 0.000 | 126141   | 0        | 1.694  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 5.880  | 0.000 | 757598   | 0        | 11.259 | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.792  | 0.000 | 261379   | 0        | 12.967 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.906  | 4.182 | 427382   | 475445   | 29.271 | 38.418 # |
| 10)                         | L2 AR-1221-3    | 4.906  | 0.000 | 427382   | 0        | 8.335  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.906  | 0.000 | 427382   | 0        | 12.008 | N.D. #   |
| 12)                         | L3 AR-1232-2    | 5.490  | 0.000 | 293362   | 0        | 15.871 | N.D. #   |
| 15)                         | L3 AR-1232-5    | 6.044  | 0.000 | 239132   | 0        | 17.053 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.720  | 0.000 | 126141   | 0        | 2.489  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 5.880  | 0.000 | 757598   | 0        | 16.170 | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.675  | 5.756 | 515620   | 1532258  | 11.855 | 34.658 # |
| 21)                         | L5 AR-1248-1    | 5.720  | 0.000 | 126141   | 0        | 2.677  | N.D. #   |
| 22)                         | L5 AR-1248-2    | 6.044  | 0.000 | 239132   | 0        | 3.483  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.675  | 0.000 | 515620   | 0        | 5.659  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.675  | 5.756 | 515620   | 1532258  | 5.974  | 21.572 # |
| 26)                         | L6 AR-1254-1    | 6.627  | 5.756 | 894563   | 1532258  | 9.111  | 12.843 # |
| 27)                         | L6 AR-1254-2    | 6.856  | 0.000 | 229227   | 0        | 1.480  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.231  | 6.334 | 665082   | 2270645  | 3.945  | 12.768 # |
| 29)                         | L6 AR-1254-4    | 7.457  | 0.000 | 198141   | 0        | 1.584  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 7.930  | 0.000 | 2555190  | 0        | 18.512 | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.331  | 0.000 | 223355   | 0        | 1.801  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.639  | 6.693 | 1629775  | 254997   | 11.099 | 1.876 #  |
| 33)                         | L7 AR-1260-3    | 7.930  | 6.817 | 2555190  | 148057   | 24.208 | 1.179 #  |
| 34)                         | L7 AR-1260-4    | 8.223  | 0.000 | 168319   | 0        | 1.384  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.550  | 7.510 | 446501   | 1376033  | 1.847  | 5.572 #  |
| 36)                         | L8 AR-1262-1    | 7.930  | 0.000 | 2555190  | 0        | 18.026 | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.550  | 7.510 | 446501   | 1376033  | 1.713  | 5.246 #  |
| 45)                         | L9 AR-1268-5    | 10.101 | 0.000 | 916350   | 0        | 1.066  | N.D. #   |
| -----                       |                 |        |       |          |          |        |          |

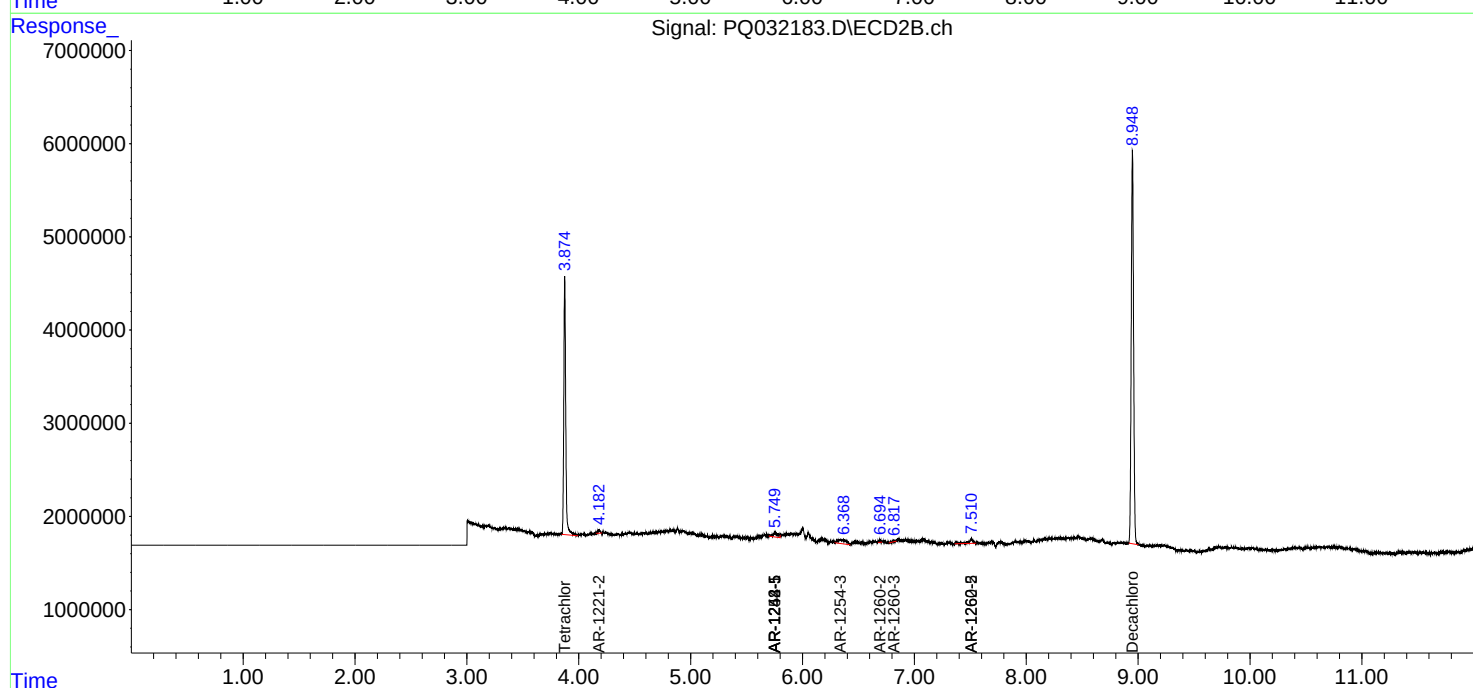
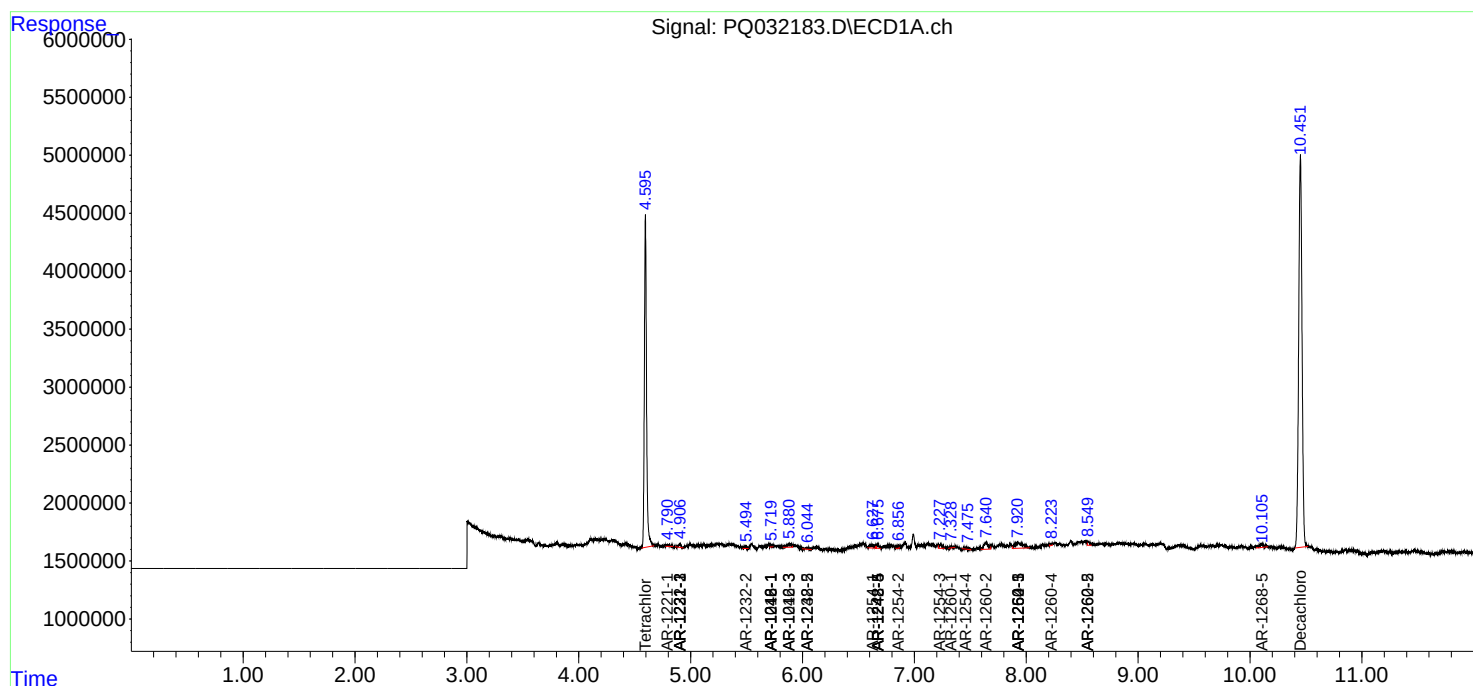
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

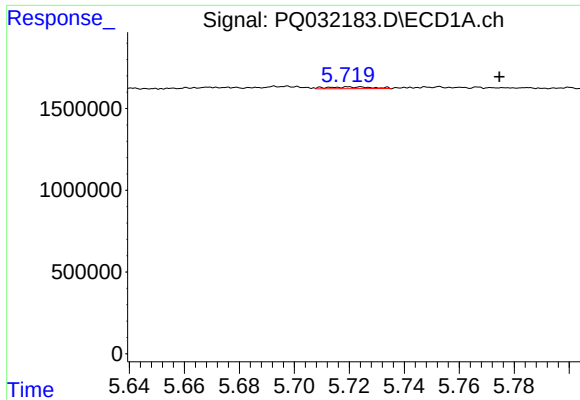
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ092518\  
Data File : PQ032183.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Sep 2018 11:52  
Operator : SM\SJ  
Sample : J5014-15  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 26 05:35:55 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ092018CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Sep 21 05:45:25 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

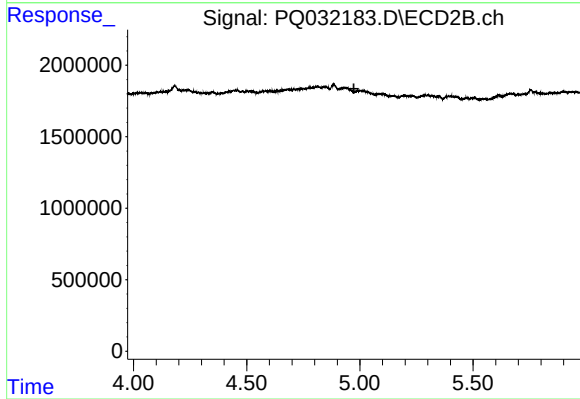




#3 AR-1016-1

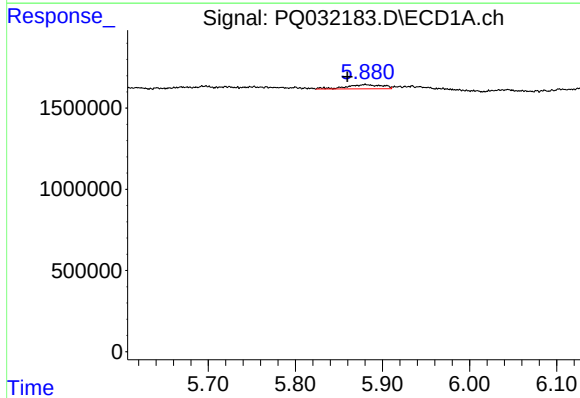
R.T.: 5.720 min  
Delta R.T.: -0.055 min  
Response: 126141  
Conc: 1.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



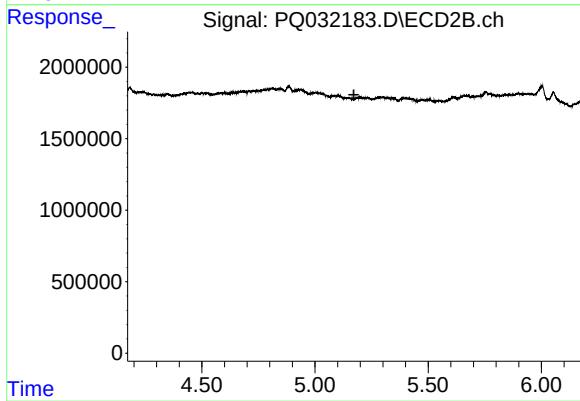
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.973 min  
Response: 0  
Conc: N.D.



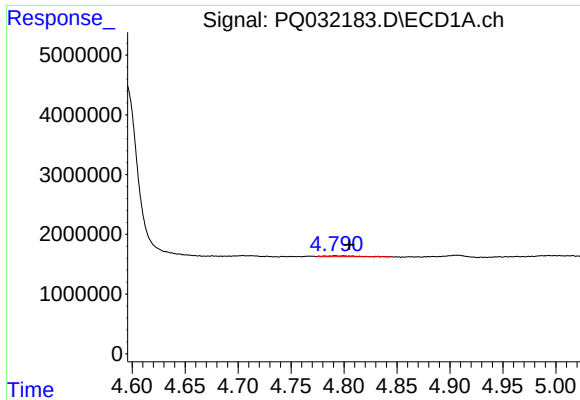
#5 AR-1016-3

R.T.: 5.880 min  
Delta R.T.: 0.020 min  
Response: 757598  
Conc: 11.26 ng/ml



#5 AR-1016-3

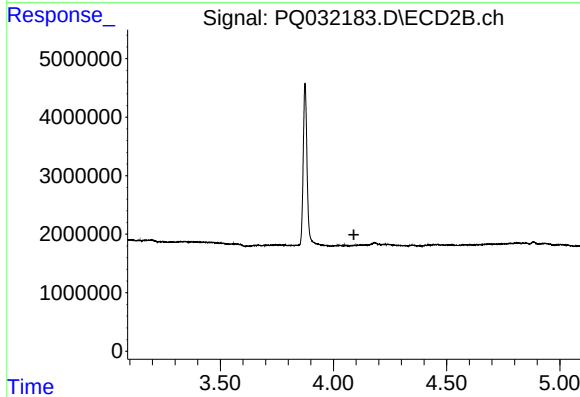
R.T.: 0.000 min  
Exp R.T. : 5.172 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

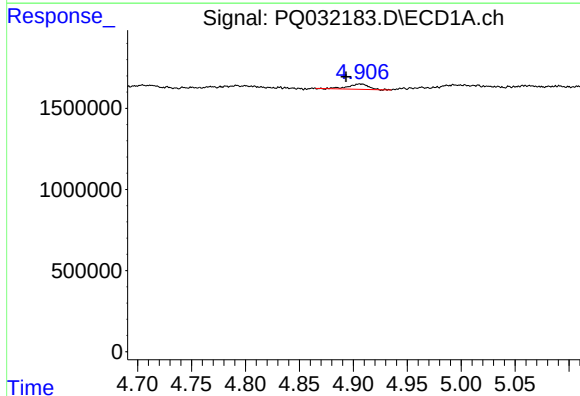
R.T.: 4.792 min  
Delta R.T.: -0.013 min  
Response: 261379  
Conc: 12.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



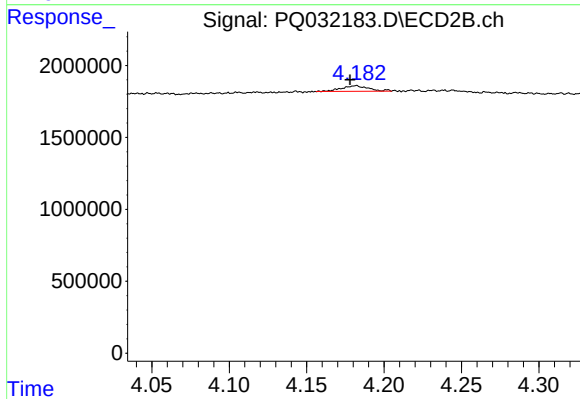
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.090 min  
Response: 0  
Conc: N.D.



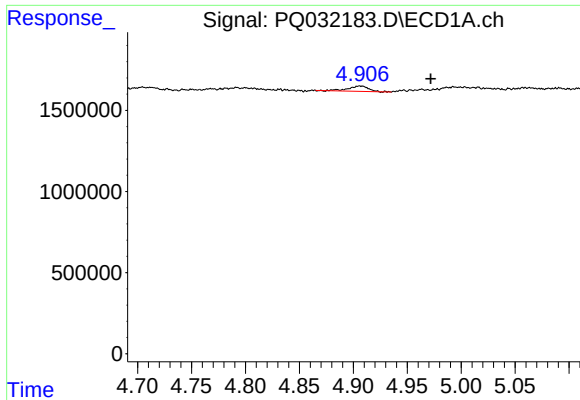
#9 AR-1221-2

R.T.: 4.906 min  
Delta R.T.: 0.013 min  
Response: 427382  
Conc: 29.27 ng/ml



#9 AR-1221-2

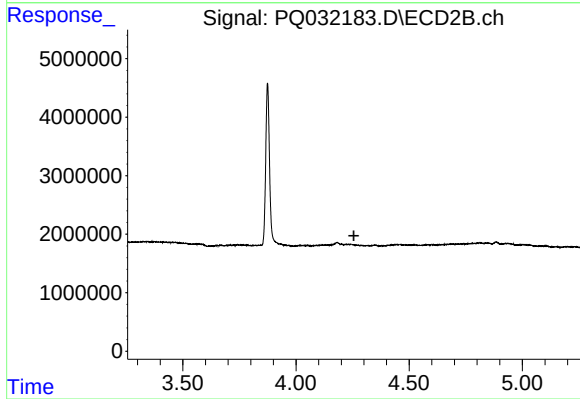
R.T.: 4.182 min  
Delta R.T.: 0.004 min  
Response: 475445  
Conc: 38.42 ng/ml



#10 AR-1221-3

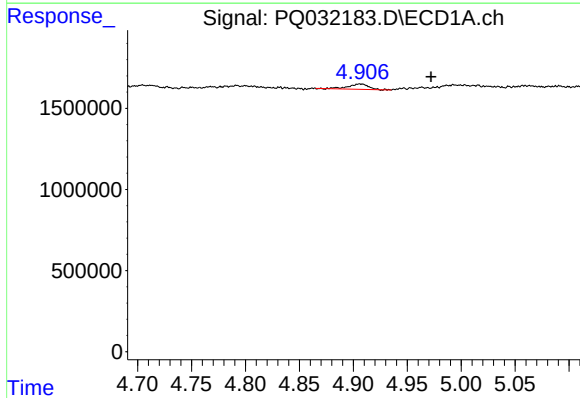
R.T.: 4.906 min  
Delta R.T.: -0.065 min  
Response: 427382  
Conc: 8.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



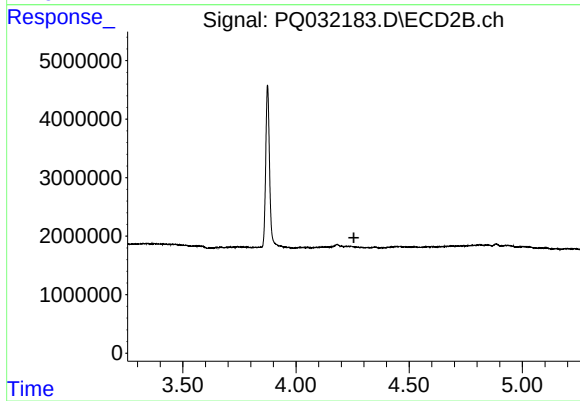
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.256 min  
Response: 0  
Conc: N.D.



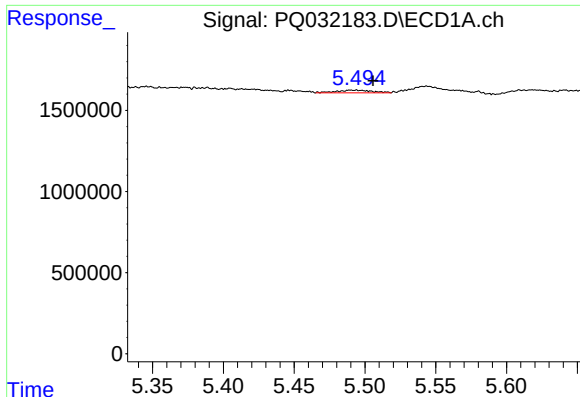
#11 AR-1232-1

R.T.: 4.906 min  
Delta R.T.: -0.066 min  
Response: 427382  
Conc: 12.01 ng/ml



#11 AR-1232-1

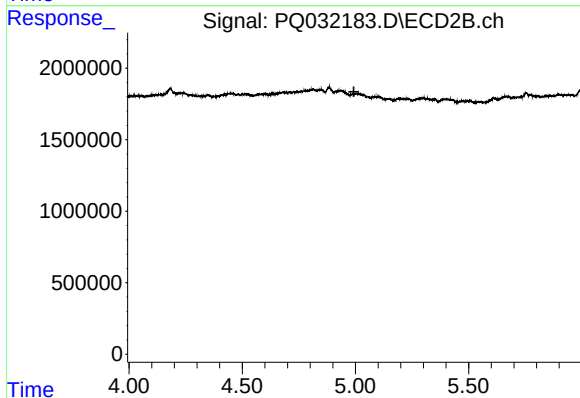
R.T.: 0.000 min  
Exp R.T. : 4.256 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

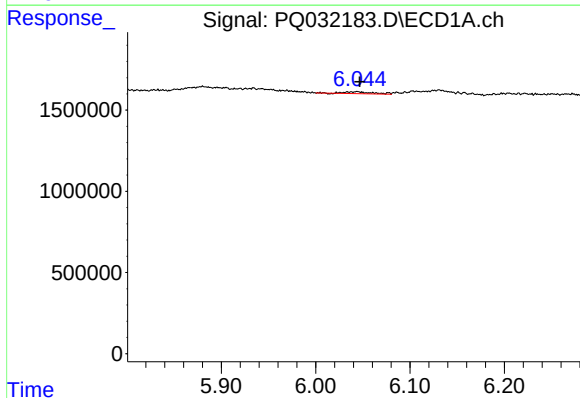
R.T.: 5.490 min  
Delta R.T.: -0.016 min  
Response: 293362  
Conc: 15.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



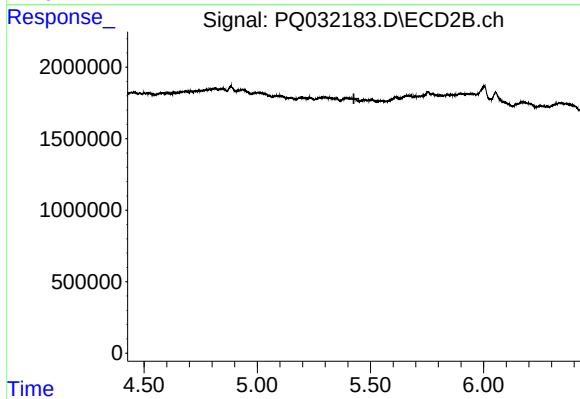
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 4.993 min  
Response: 0  
Conc: N.D.



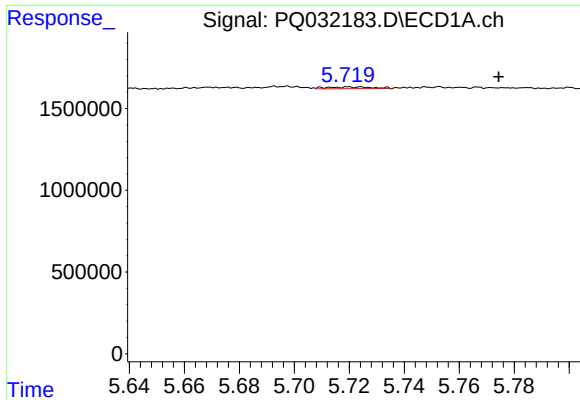
#15 AR-1232-5

R.T.: 6.044 min  
Delta R.T.: -0.003 min  
Response: 239132  
Conc: 17.05 ng/ml



#15 AR-1232-5

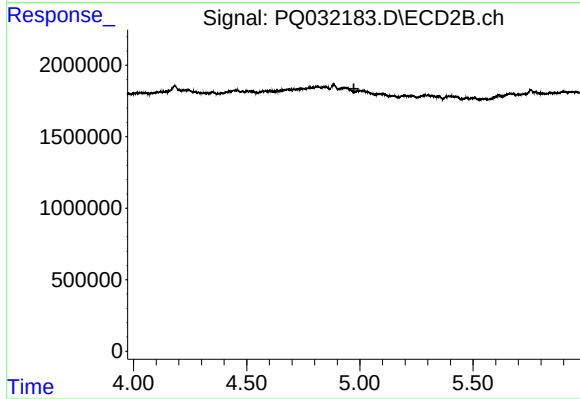
R.T.: 0.000 min  
Exp R.T. : 5.427 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

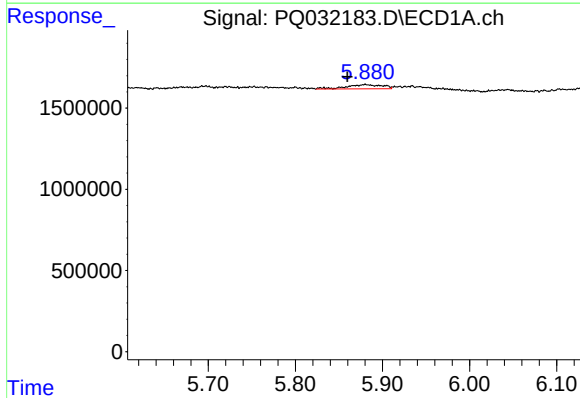
R.T.: 5.720 min  
Delta R.T.: -0.054 min  
Response: 126141  
Conc: 2.49 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



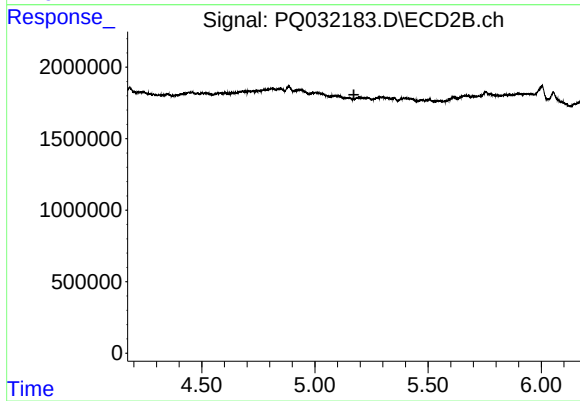
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.974 min  
Response: 0  
Conc: N.D.



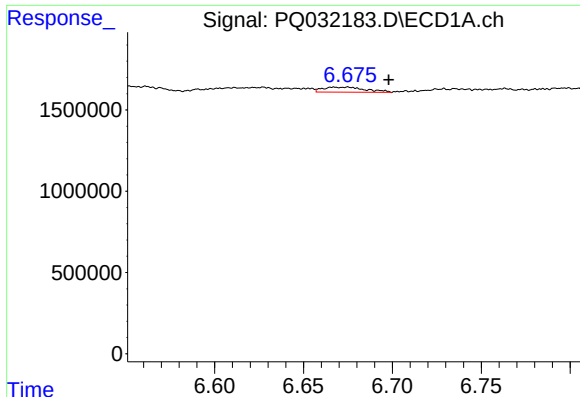
#18 AR-1242-3

R.T.: 5.880 min  
Delta R.T.: 0.020 min  
Response: 757598  
Conc: 16.17 ng/ml



#18 AR-1242-3

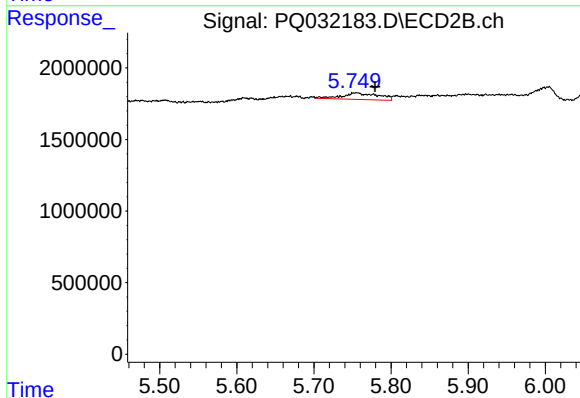
R.T.: 0.000 min  
Exp R.T. : 5.172 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

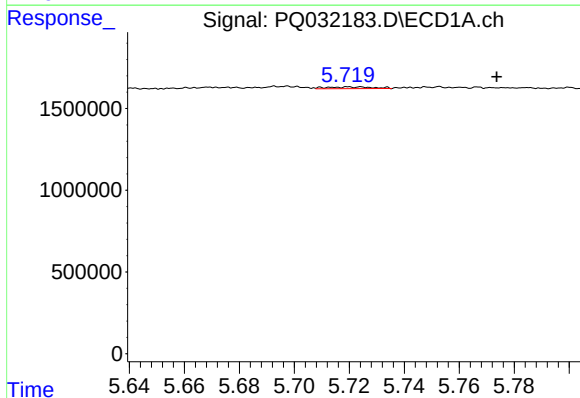
R.T.: 6.675 min  
Delta R.T.: -0.023 min  
Response: 515620  
Conc: 11.86 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



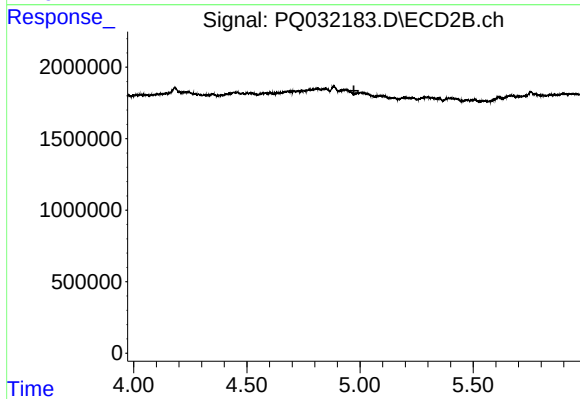
#20 AR-1242-5

R.T.: 5.756 min  
Delta R.T.: -0.023 min  
Response: 1532258  
Conc: 34.66 ng/ml



#21 AR-1248-1

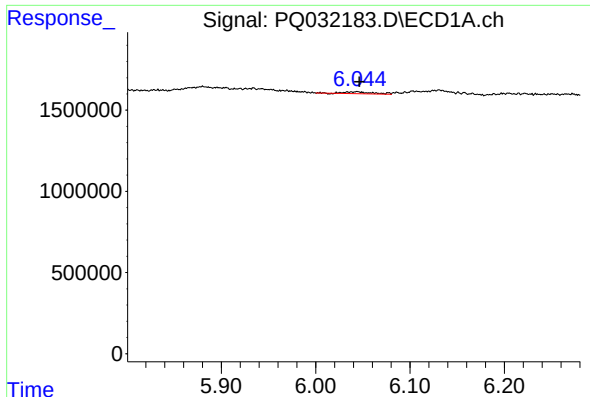
R.T.: 5.720 min  
Delta R.T.: -0.054 min  
Response: 126141  
Conc: 2.68 ng/ml



#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 4.973 min  
Response: 0  
Conc: N.D.

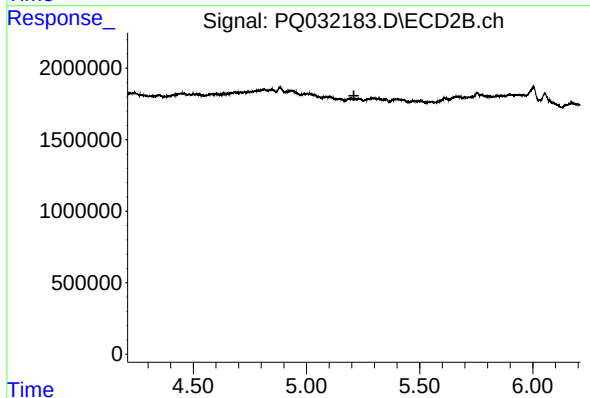




#22 AR-1248-2

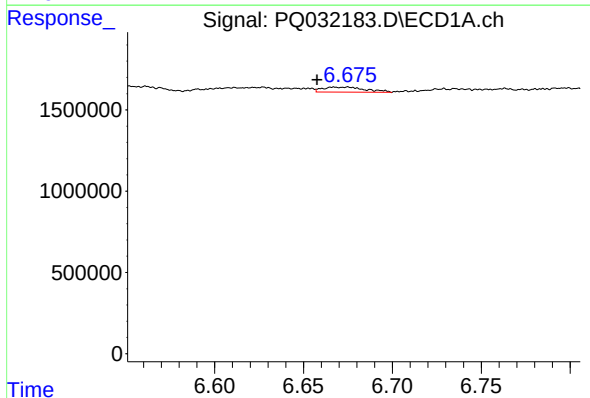
R.T.: 6.044 min  
Delta R.T.: -0.002 min  
Response: 239132  
Conc: 3.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



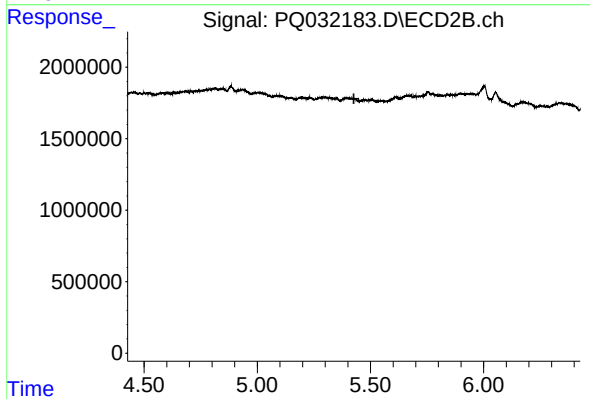
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.210 min  
Response: 0  
Conc: N.D.



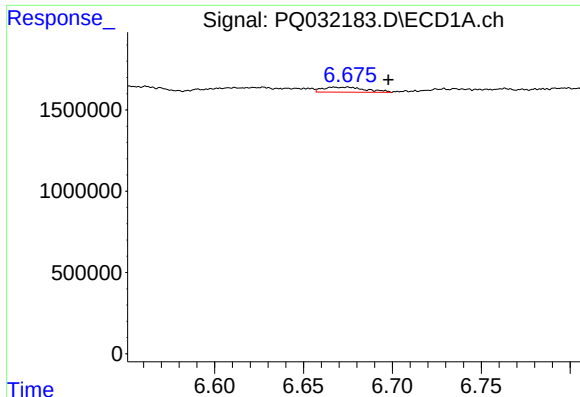
#24 AR-1248-4

R.T.: 6.675 min  
Delta R.T.: 0.017 min  
Response: 515620  
Conc: 5.66 ng/ml



#24 AR-1248-4

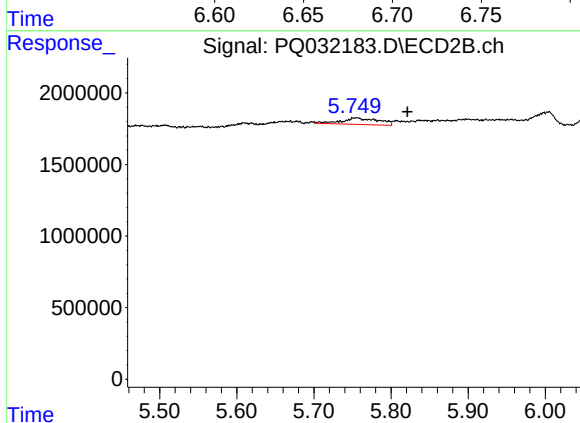
R.T.: 0.000 min  
Exp R.T. : 5.427 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

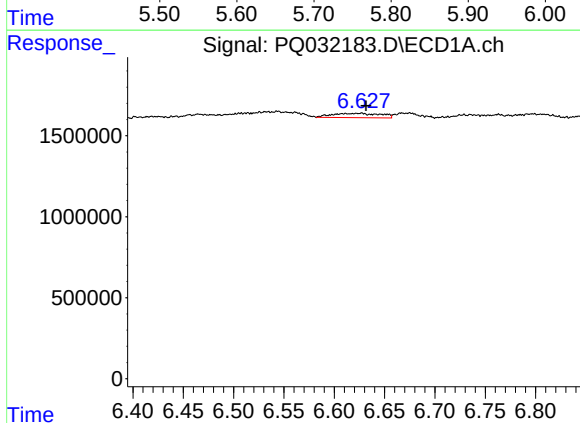
R.T.: 6.675 min  
Delta R.T.: -0.023 min  
Response: 515620  
Conc: 5.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



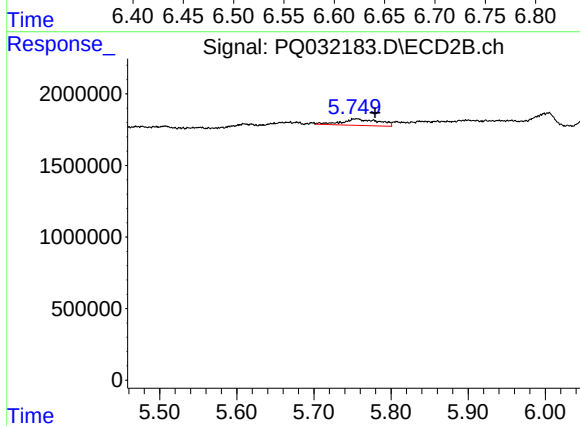
#25 AR-1248-5

R.T.: 5.756 min  
Delta R.T.: -0.065 min  
Response: 1532258  
Conc: 21.57 ng/ml



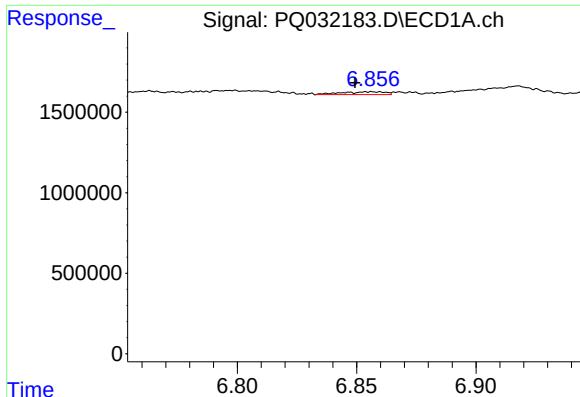
#26 AR-1254-1

R.T.: 6.627 min  
Delta R.T.: -0.004 min  
Response: 894563  
Conc: 9.11 ng/ml



#26 AR-1254-1

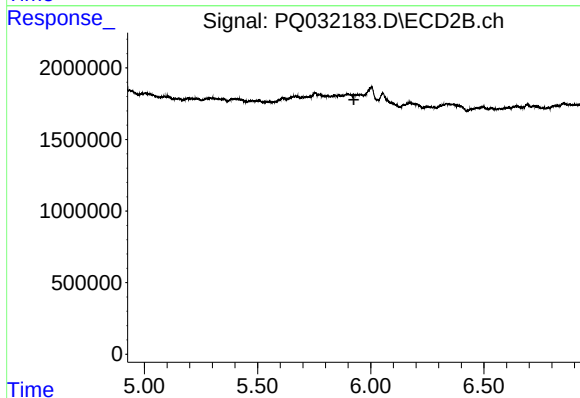
R.T.: 5.756 min  
Delta R.T.: -0.024 min  
Response: 1532258  
Conc: 12.84 ng/ml



#27 AR-1254-2

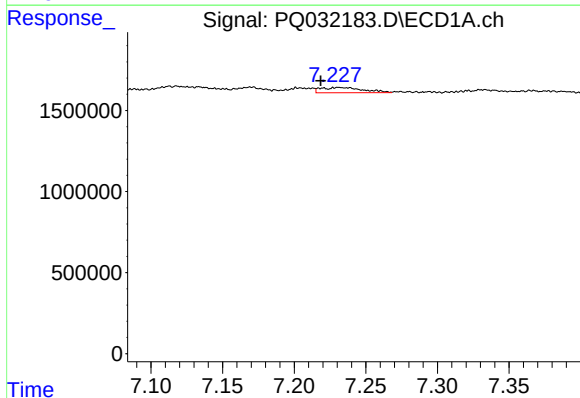
R.T.: 6.856 min  
Delta R.T.: 0.007 min  
Response: 229227  
Conc: 1.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



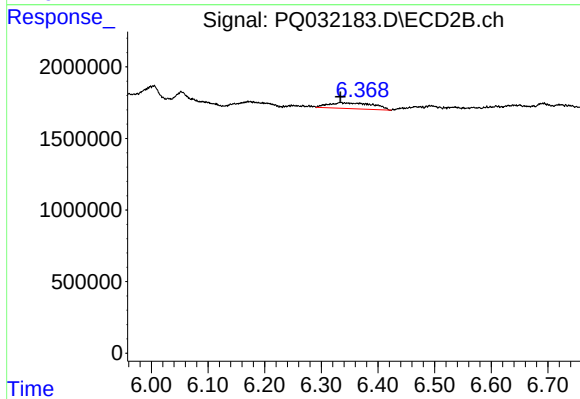
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.926 min  
Response: 0  
Conc: N.D.



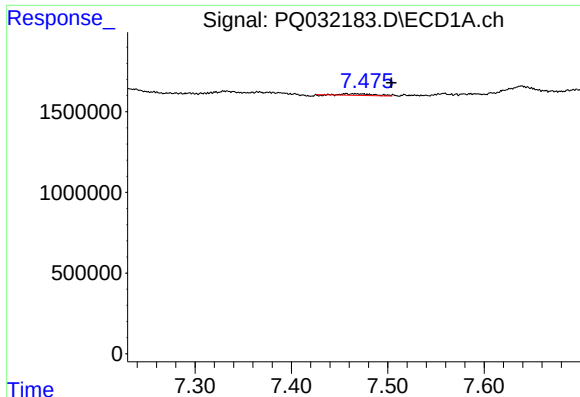
#28 AR-1254-3

R.T.: 7.231 min  
Delta R.T.: 0.013 min  
Response: 665082  
Conc: 3.95 ng/ml



#28 AR-1254-3

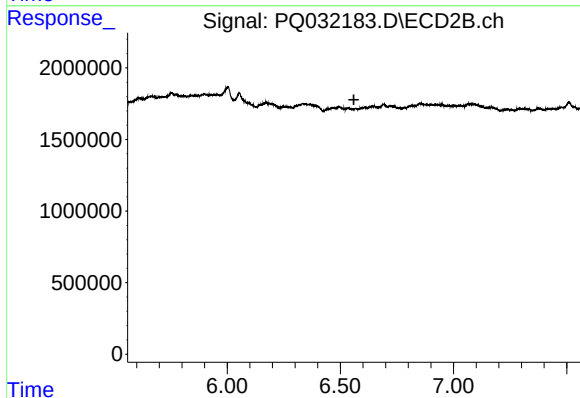
R.T.: 6.334 min  
Delta R.T.: 0.000 min  
Response: 2270645  
Conc: 12.77 ng/ml



#29 AR-1254-4

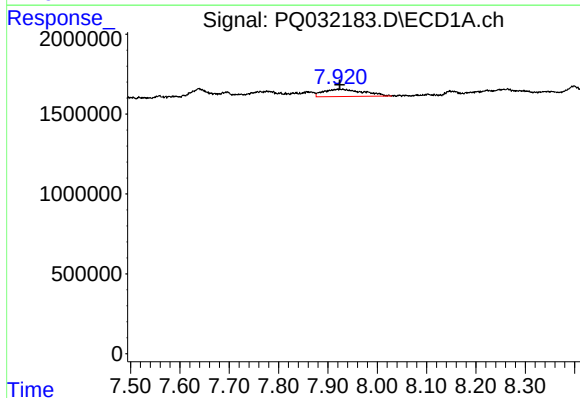
R.T.: 7.457 min  
Delta R.T.: -0.047 min  
Response: 198141  
Conc: 1.58 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



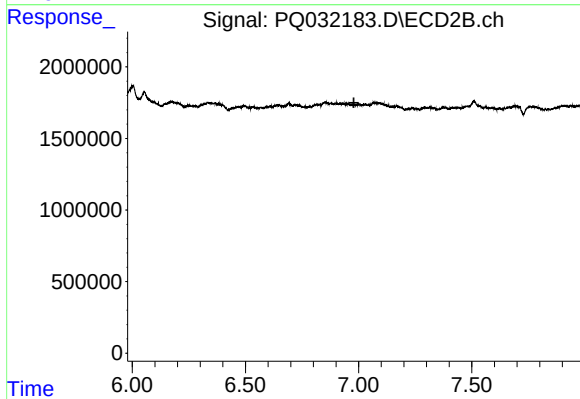
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.560 min  
Response: 0  
Conc: N.D.



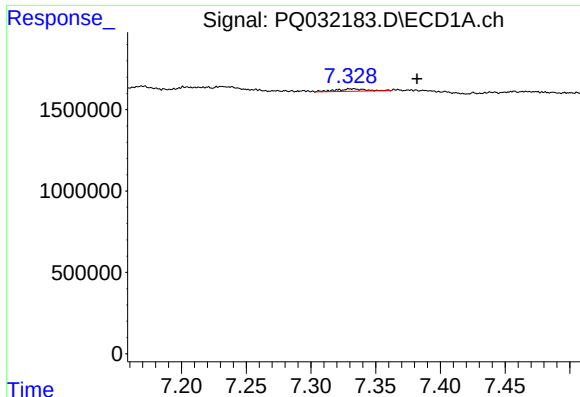
#30 AR-1254-5

R.T.: 7.930 min  
Delta R.T.: 0.006 min  
Response: 2555190  
Conc: 18.51 ng/ml



#30 AR-1254-5

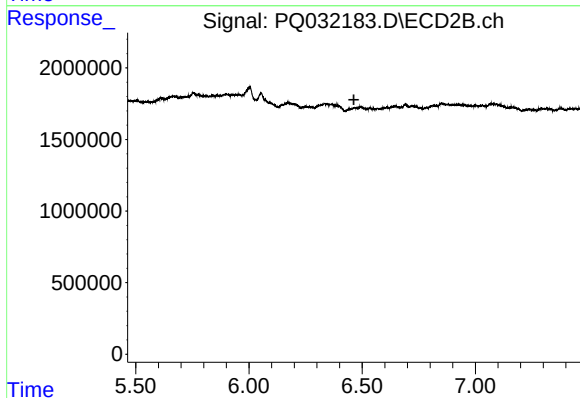
R.T.: 0.000 min  
Exp R.T. : 6.979 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

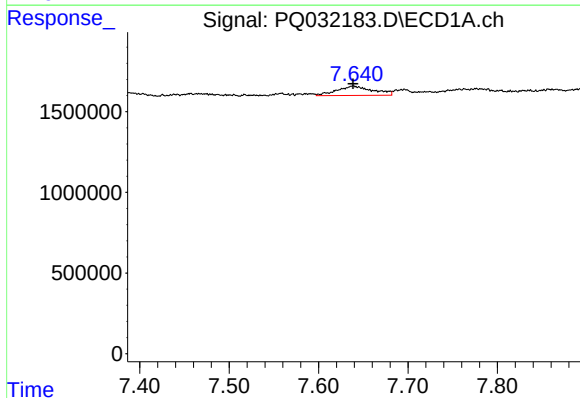
R.T.: 7.331 min  
Delta R.T.: -0.051 min  
Response: 223355  
Conc: 1.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



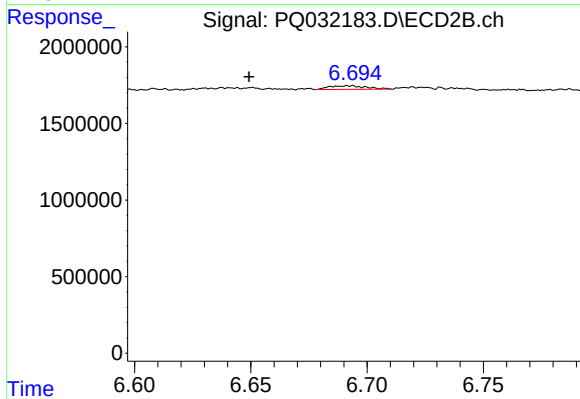
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.463 min  
Response: 0  
Conc: N.D.



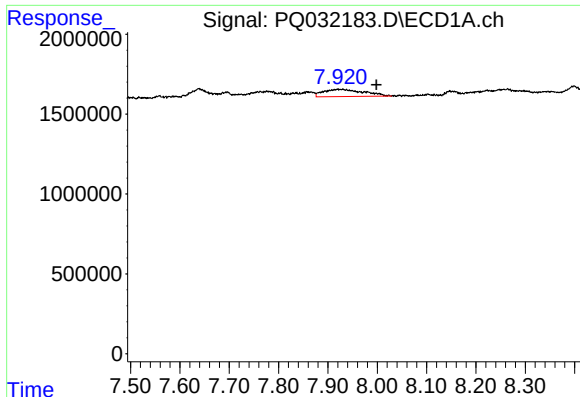
#32 AR-1260-2

R.T.: 7.639 min  
Delta R.T.: 0.000 min  
Response: 1629775  
Conc: 11.10 ng/ml



#32 AR-1260-2

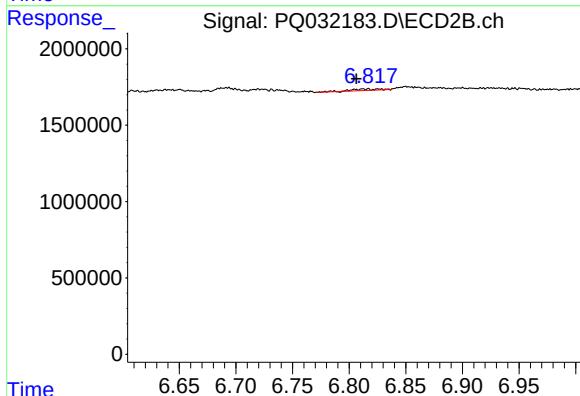
R.T.: 6.693 min  
Delta R.T.: 0.043 min  
Response: 254997  
Conc: 1.88 ng/ml



#33 AR-1260-3

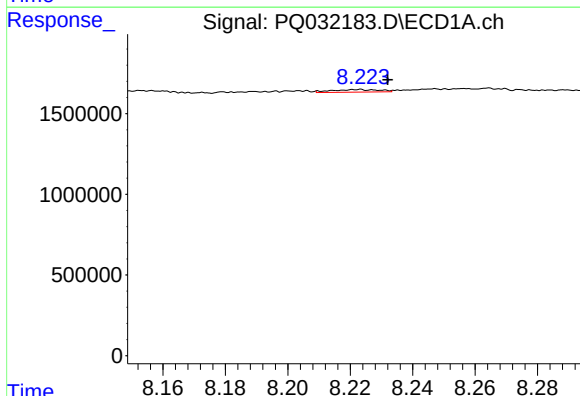
R.T.: 7.930 min  
Delta R.T.: -0.068 min  
Response: 2555190  
Conc: 24.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



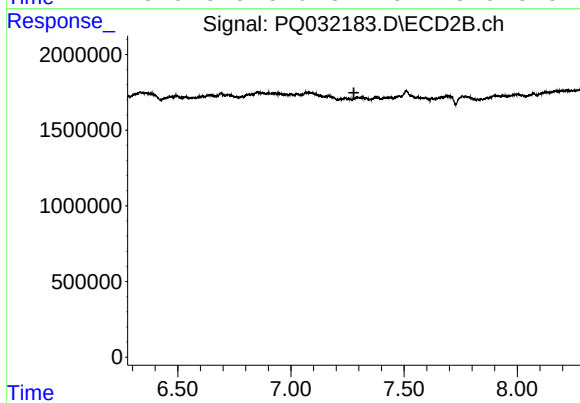
#33 AR-1260-3

R.T.: 6.817 min  
Delta R.T.: 0.010 min  
Response: 148057  
Conc: 1.18 ng/ml



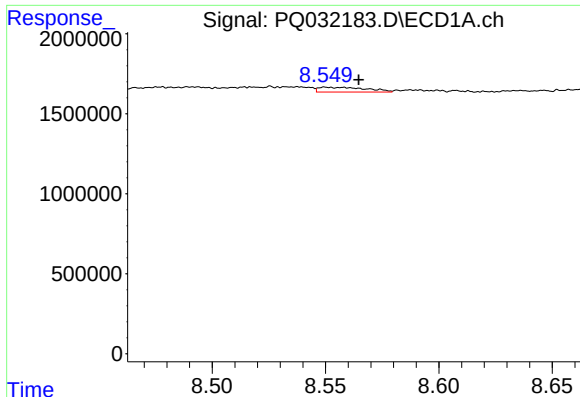
#34 AR-1260-4

R.T.: 8.223 min  
Delta R.T.: -0.009 min  
Response: 168319  
Conc: 1.38 ng/ml



#34 AR-1260-4

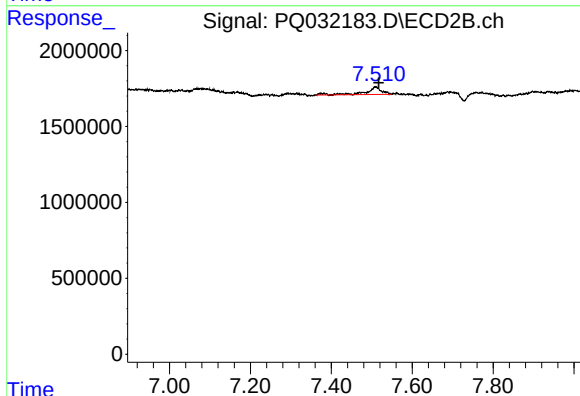
R.T.: 0.000 min  
Exp R.T.: 7.278 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

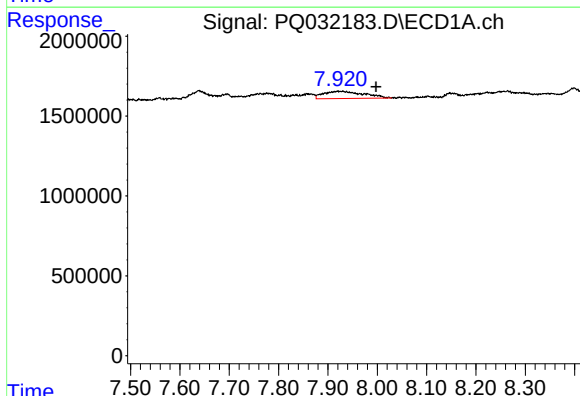
R.T.: 8.550 min  
Delta R.T.: -0.014 min  
Response: 446501  
Conc: 1.85 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



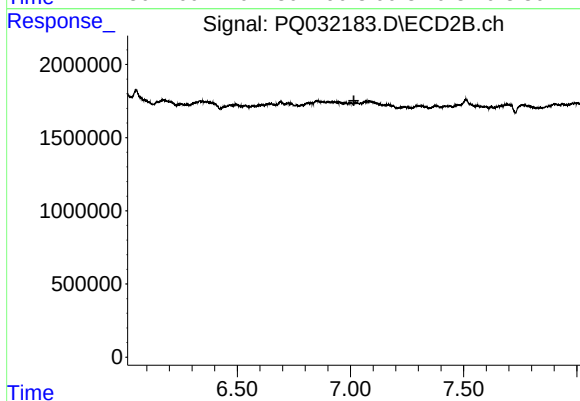
#35 AR-1260-5

R.T.: 7.510 min  
Delta R.T.: -0.008 min  
Response: 1376033  
Conc: 5.57 ng/ml



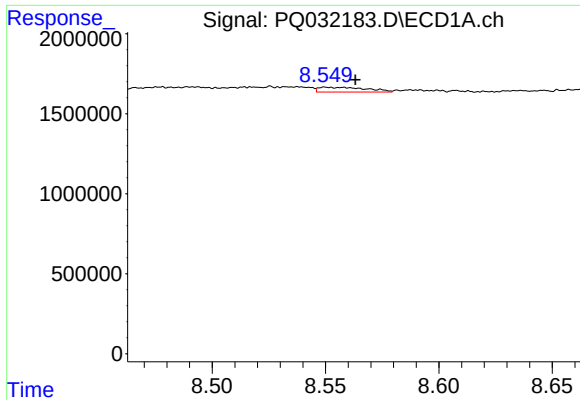
#36 AR-1262-1

R.T.: 7.930 min  
Delta R.T.: -0.067 min  
Response: 2555190  
Conc: 18.03 ng/ml



#36 AR-1262-1

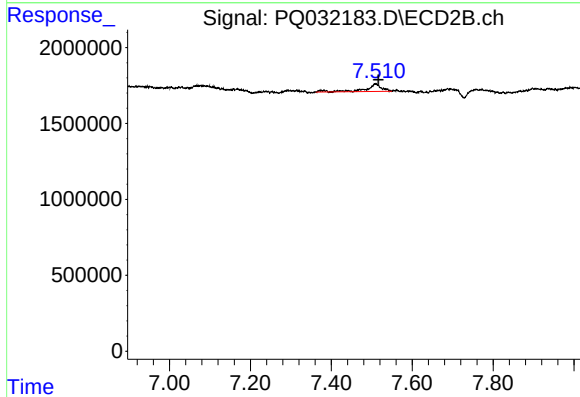
R.T.: 0.000 min  
Exp R.T.: 7.015 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

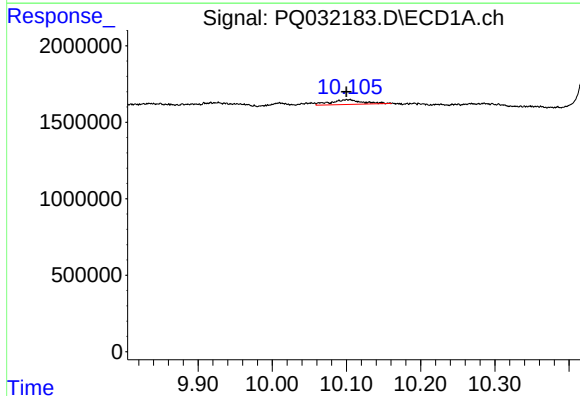
R.T.: 8.550 min  
Delta R.T.: -0.013 min  
Response: 446501  
Conc: 1.71 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



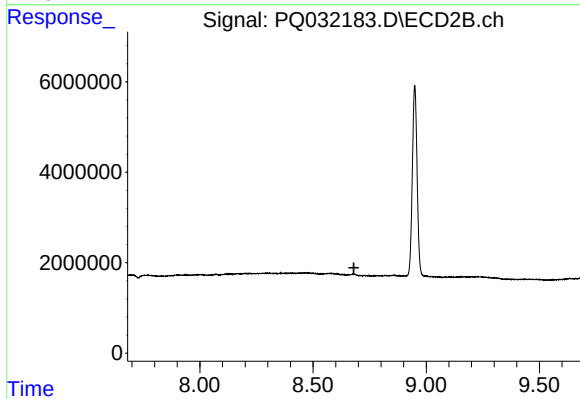
#37 AR-1262-2

R.T.: 7.510 min  
Delta R.T.: -0.007 min  
Response: 1376033  
Conc: 5.25 ng/ml



#45 AR-1268-5

R.T.: 10.101 min  
Delta R.T.: 0.000 min  
Response: 916350  
Conc: 1.07 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 8.681 min  
Response: 0  
Conc: N.D.