

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ100218\  
 Data File : PQ032552.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2018 03:35  
 Operator : SM\SJ  
 Sample : J5186-07  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 04:26:12 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ091818.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Sep 19 02:07:33 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 4.589  | 3.867 | 36617317 | 27706876 | 15.792  | 13.835    |
| 2)                          | SA Decachlor... | 10.439 | 8.936 | 25709883 | 19397120 | 12.333  | 10.017    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.611 | 0        | 1812490  | N.D.    | 37.565 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.965 | 0        | 549497   | N.D.    | 8.143 #   |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.965 | 0        | 549497   | N.D.    | 5.881 #   |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.416 | 0        | 388415   | N.D.    | 7.432 #   |
| 8)                          | L2 AR-1221-1    | 4.796  | 4.064 | 2254396  | 966206   | 95.609  | 47.660 #  |
| 9)                          | L2 AR-1221-2    | 4.868  | 4.171 | 2556954  | 878828   | 145.674 | 56.253 #  |
| 10)                         | L2 AR-1221-3    | 4.979  | 4.258 | 4116502  | 2086345  | 74.326  | 42.602 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.761 | 0        | 1073479  | N.D.    | 61.587 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.866 | 0        | 1204076  | N.D.    | 238.637 # |
| 13)                         | L3 AR-1232-3    | 6.067  | 5.275 | 2618310  | 1551467  | 454.344 | 98.915 #  |
| 14)                         | L3 AR-1232-4    | 6.432  | 5.576 | 2461992  | 827527   | 510.398 | 44.810 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 6.160 | 0        | 1449761  | N.D.    | 508.079 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.611 | 0        | 1812490  | N.D.    | 91.181 #  |
| 17)                         | L4 AR-1242-2    | 6.067  | 5.200 | 2618310  | 540823   | 72.119  | 15.075 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.275 | 0        | 1551467  | N.D.    | 131.778 # |
| 20)                         | L4 AR-1242-5    | 6.432  | 6.039 | 2461992  | 1121419  | 54.183  | 47.245    |
| 21)                         | L5 AR-1248-1    | 6.034  | 5.200 | 1796000  | 540823   | 31.034  | 10.996 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.757 | 0        | 983043   | N.D.    | 10.754 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.823 | 0        | 458121   | N.D.    | 7.243 #   |
| 24)                         | L5 AR-1248-4    | 0.000  | 6.025 | 0        | 774267   | N.D.    | 14.192 #  |
| 25)                         | L5 AR-1248-5    | 6.866  | 0.000 | 2480418  | 0        | 54.228  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.866  | 0.000 | 2480418  | 0        | 14.959  | N.D. #    |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.235 | 0        | 1359345  | N.D.    | 13.754 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.852 | 0        | 1149945  | N.D.    | 13.073 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.961 | 0        | 727963   | N.D.    | 4.191 #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.432 | 0        | 982429   | N.D.    | 9.169 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.768 | 0        | 411897   | N.D.    | 3.413 #   |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.276 | 0        | 555308   | N.D.    | 5.669 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.545 | 0        | 930871   | N.D.    | 3.898 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.436 | 0        | 1988994  | N.D.    | 36.412 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.814 | 0        | 2087519  | N.D.    | 23.356 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 6.961 | 0        | 727963   | N.D.    | 14.447 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.814 | 0        | 2087519  | N.D.    | 7.864 #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.106 | 0        | 3602286  | N.D.    | 16.489 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.106 | 0        | 3602286  | N.D.    | 62.706 #  |
| -----                       |                 |        |       |          |          |         |           |

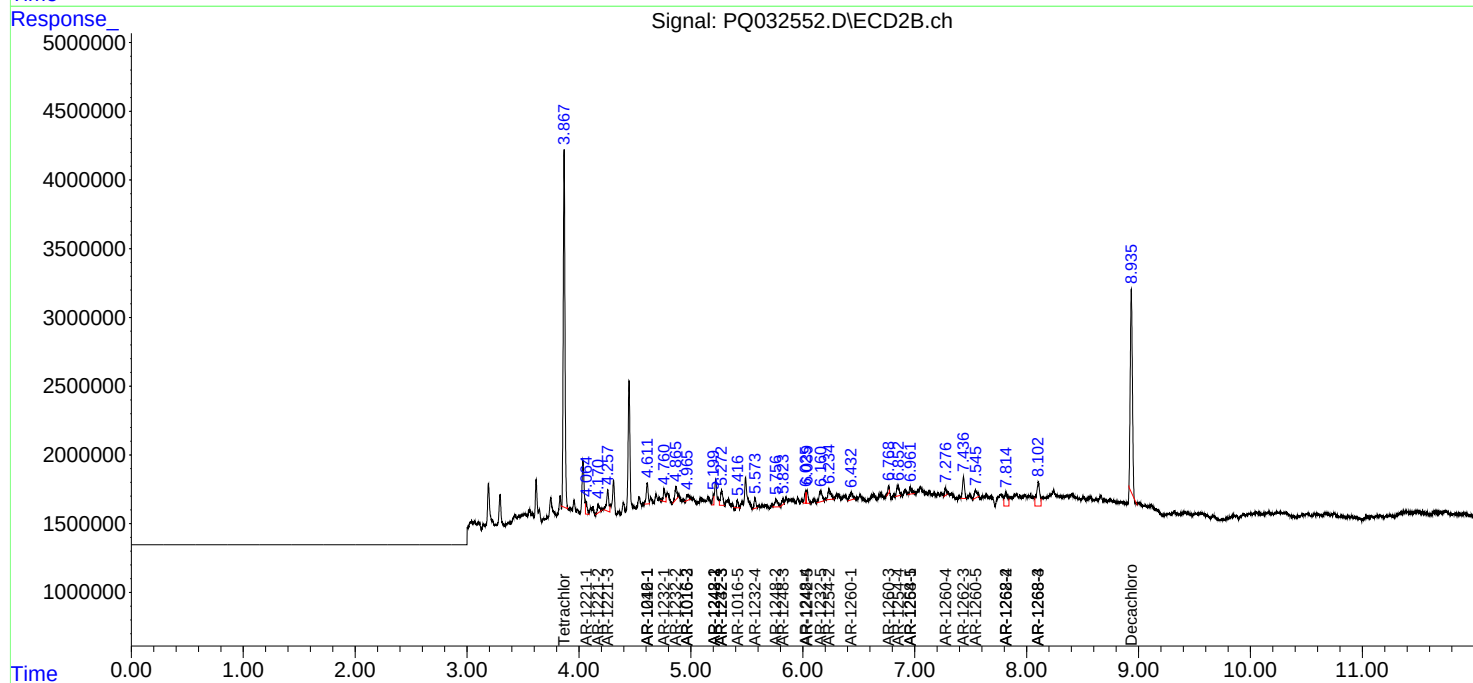
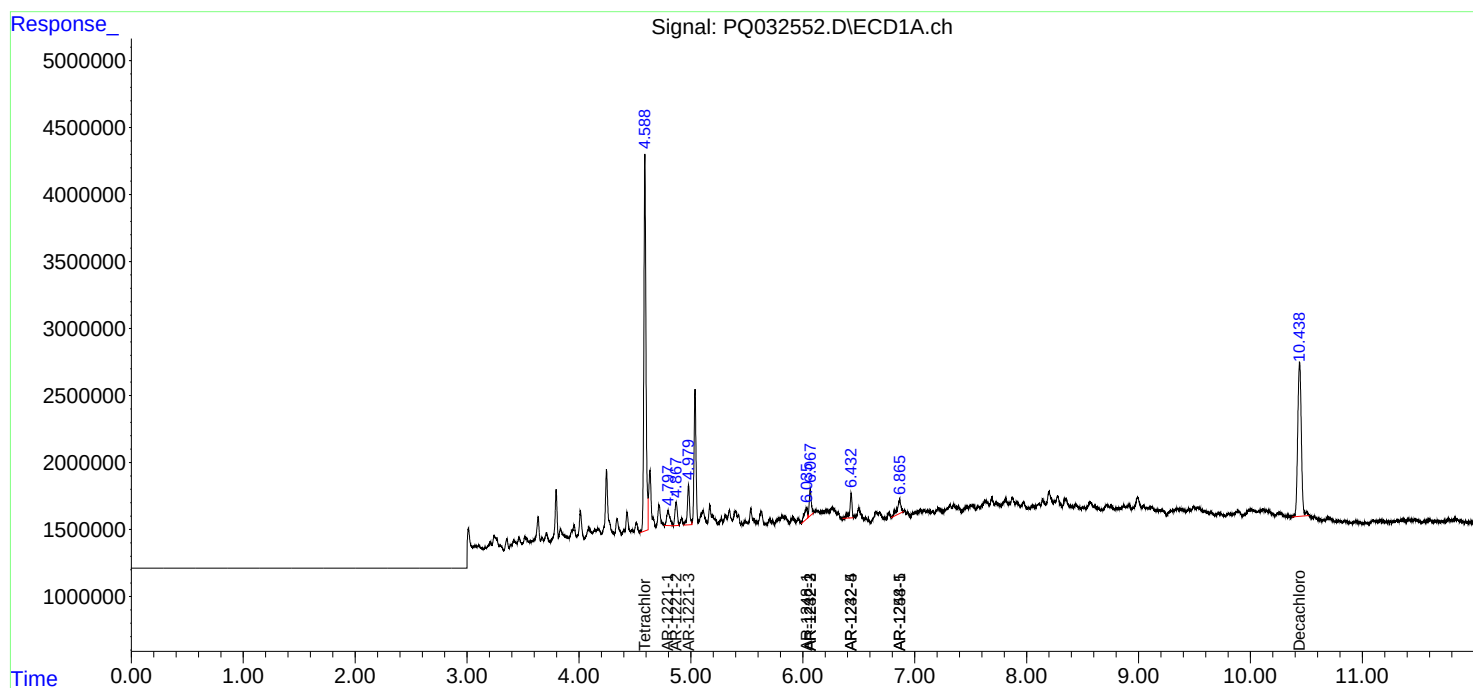
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

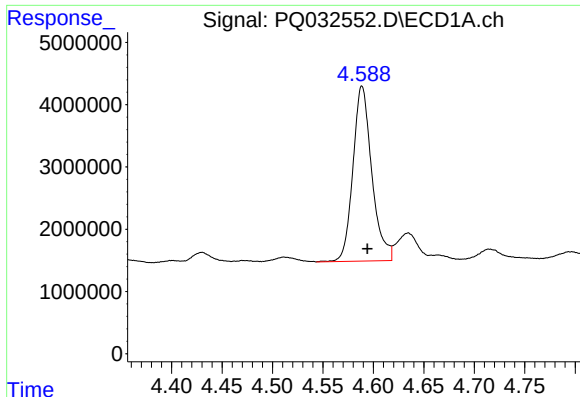
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ100218\  
Data File : PQ032552.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2018 03:35  
Operator : SM\SJ  
Sample : J5186-07  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 03 04:26:12 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ091818.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Sep 19 02:07:33 2018  
Response via : Initial Calibration  
Integrator: ChemStation

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

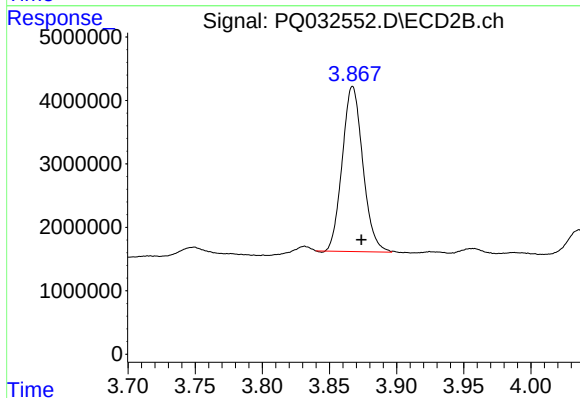




#1 Tetrachloro-m-xylene

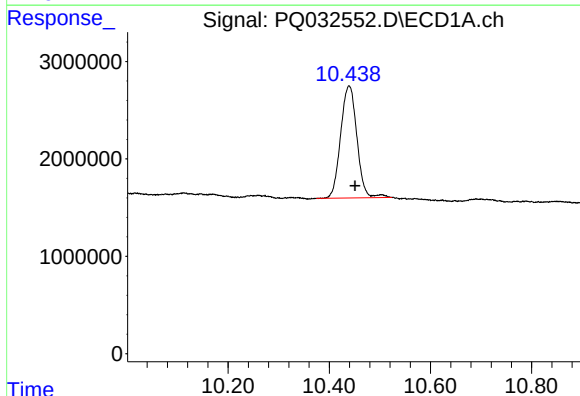
R.T.: 4.589 min  
Delta R.T.: -0.005 min  
Response: 36617317  
Conc: 15.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



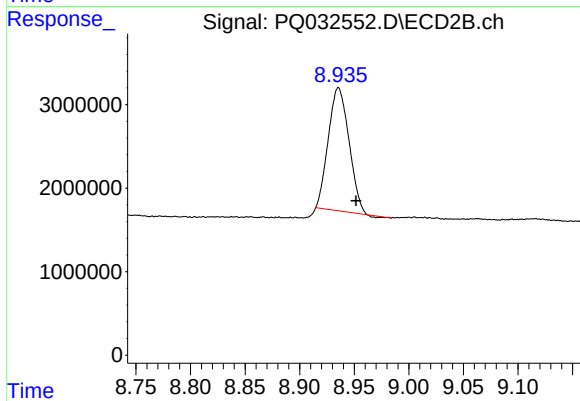
#1 Tetrachloro-m-xylene

R.T.: 3.867 min  
Delta R.T.: -0.006 min  
Response: 27706876  
Conc: 13.83 ng/ml



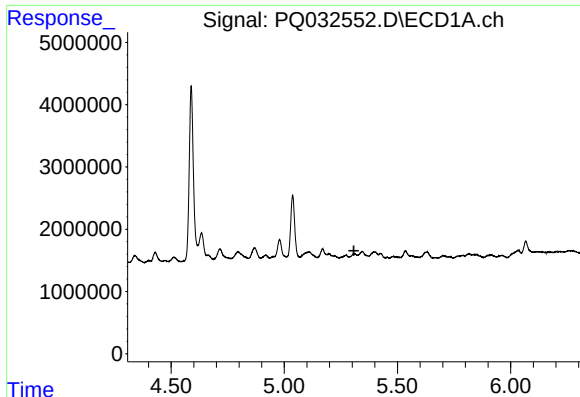
#2 Decachlorobiphenyl

R.T.: 10.439 min  
Delta R.T.: -0.012 min  
Response: 25709883  
Conc: 12.33 ng/ml



#2 Decachlorobiphenyl

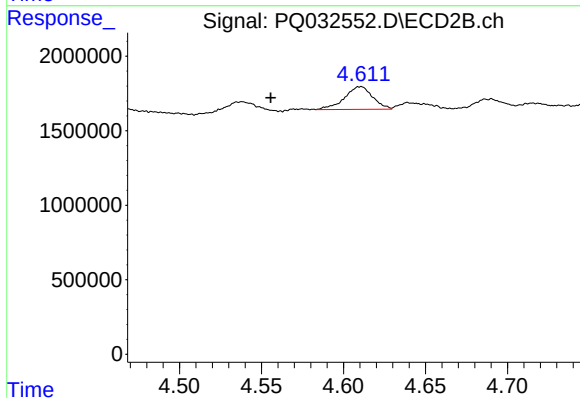
R.T.: 8.936 min  
Delta R.T.: -0.016 min  
Response: 19397120  
Conc: 10.02 ng/ml



#3 AR-1016-1

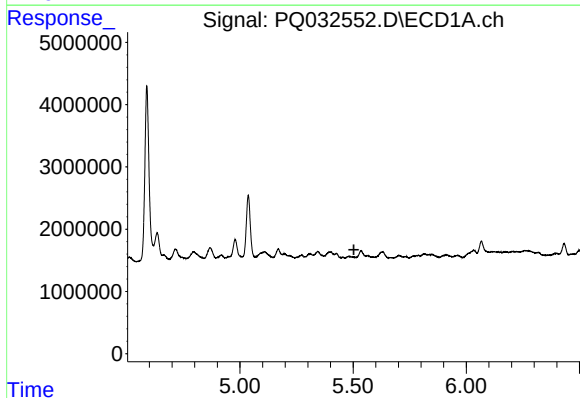
R.T.: 0.000 min  
Exp R.T. : 5.307 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



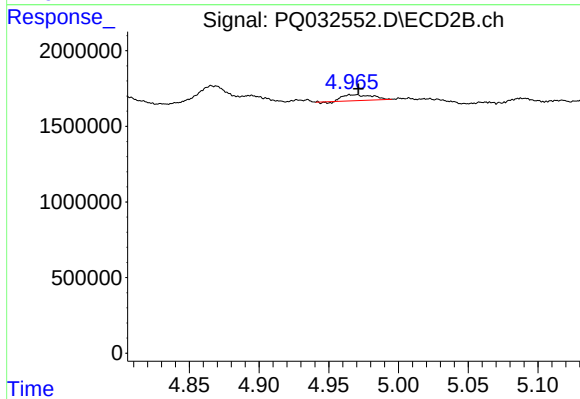
#3 AR-1016-1

R.T.: 4.611 min  
Delta R.T.: 0.055 min  
Response: 1812490  
Conc: 37.56 ng/ml



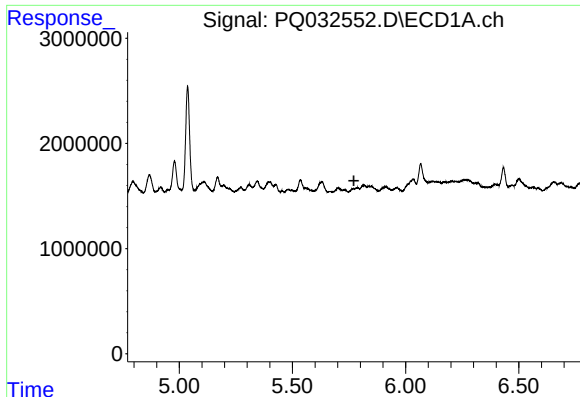
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.504 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

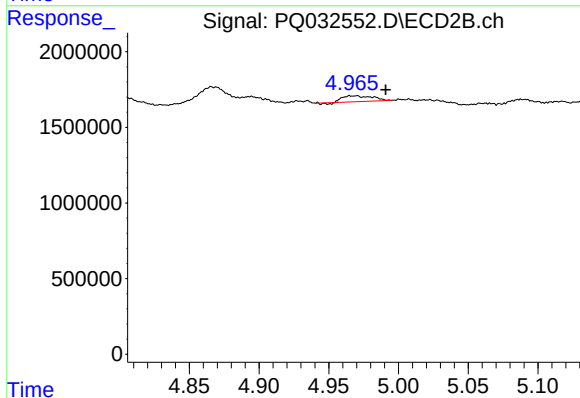
R.T.: 4.965 min  
Delta R.T.: -0.006 min  
Response: 549497  
Conc: 8.14 ng/ml



#5 AR-1016-3

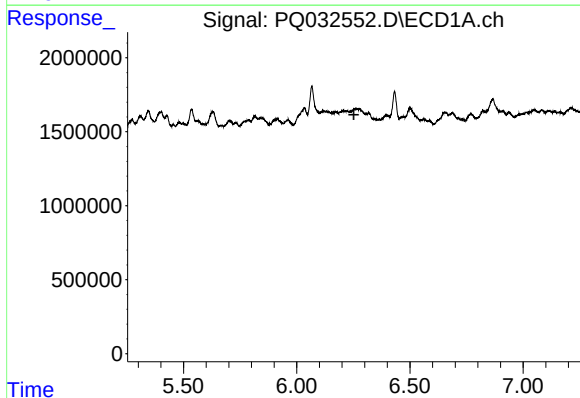
R.T.: 0.000 min  
Exp R.T.: 5.772 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



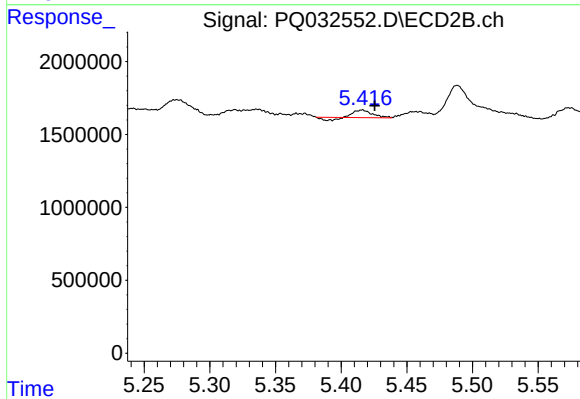
#5 AR-1016-3

R.T.: 4.965 min  
Delta R.T.: -0.026 min  
Response: 549497  
Conc: 5.88 ng/ml



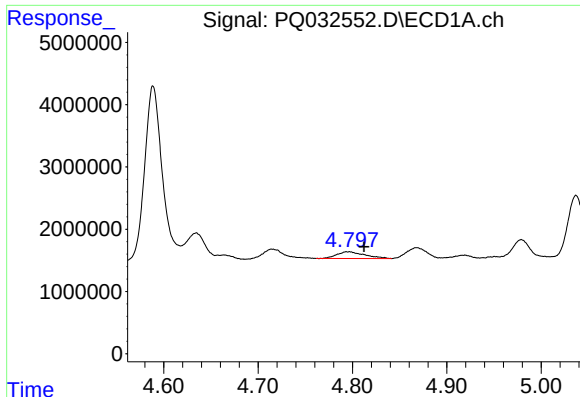
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 6.252 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

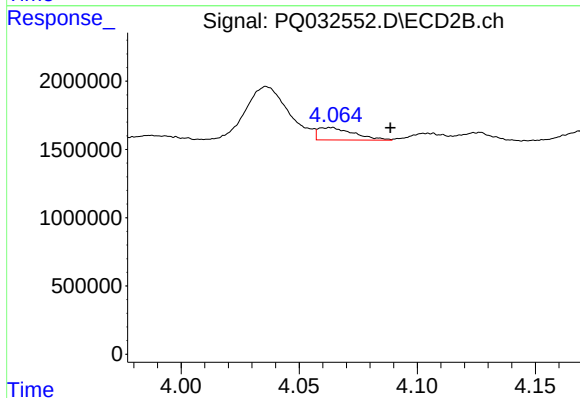
R.T.: 5.416 min  
Delta R.T.: -0.009 min  
Response: 388415  
Conc: 7.43 ng/ml



#8 AR-1221-1

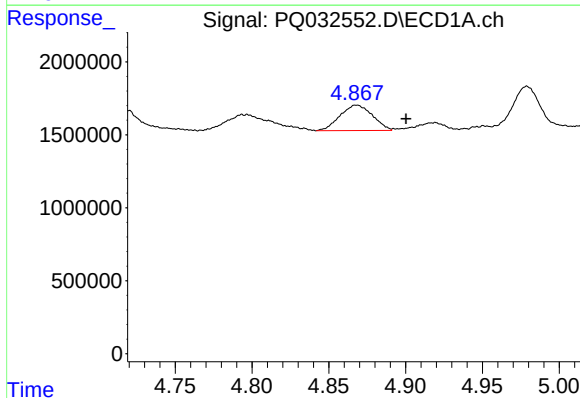
R.T.: 4.796 min  
Delta R.T.: -0.016 min  
Response: 2254396  
Conc: 95.61 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



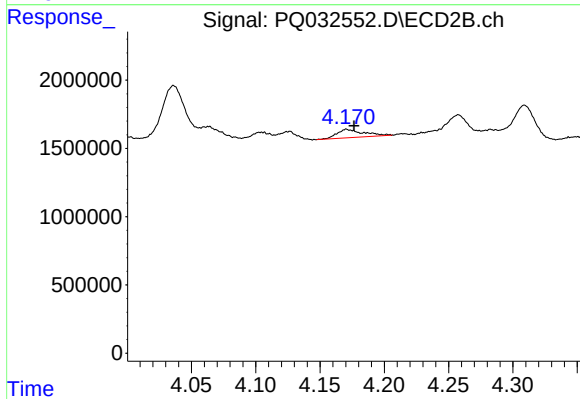
#8 AR-1221-1

R.T.: 4.064 min  
Delta R.T.: -0.025 min  
Response: 966206  
Conc: 47.66 ng/ml



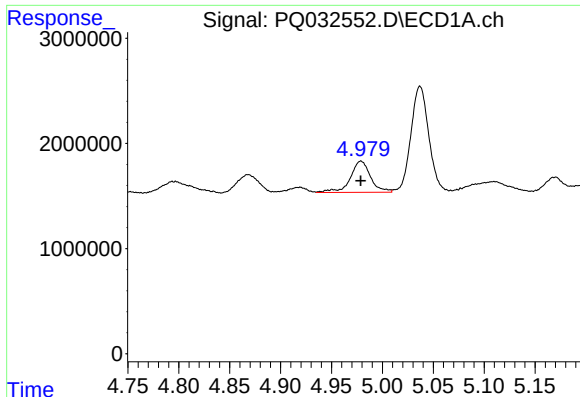
#9 AR-1221-2

R.T.: 4.868 min  
Delta R.T.: -0.032 min  
Response: 2556954  
Conc: 145.67 ng/ml



#9 AR-1221-2

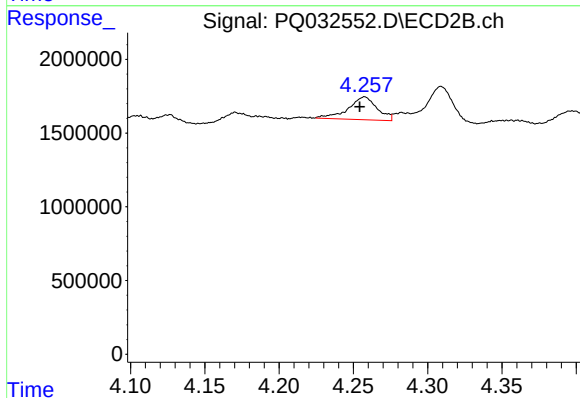
R.T.: 4.171 min  
Delta R.T.: -0.006 min  
Response: 878828  
Conc: 56.25 ng/ml



#10 AR-1221-3

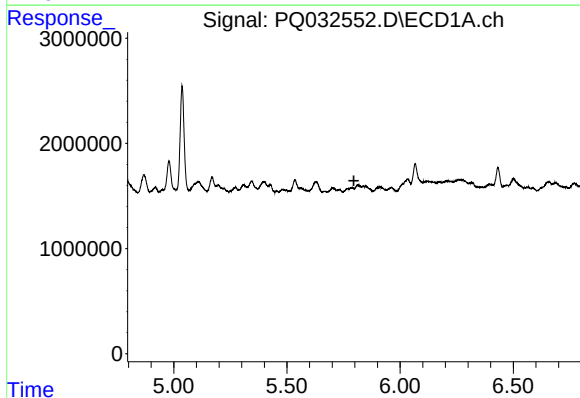
R.T.: 4.979 min  
Delta R.T.: 0.000 min  
Response: 4116502  
Conc: 74.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



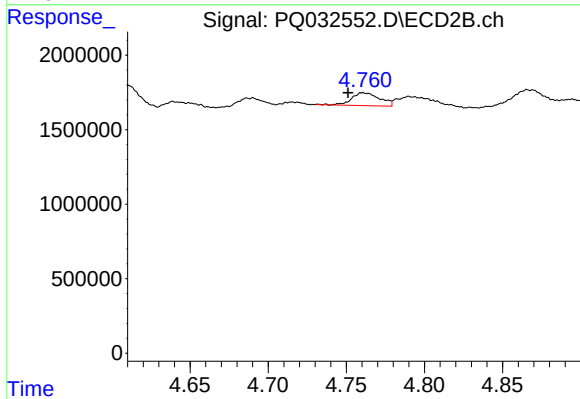
#10 AR-1221-3

R.T.: 4.258 min  
Delta R.T.: 0.004 min  
Response: 2086345  
Conc: 42.60 ng/ml



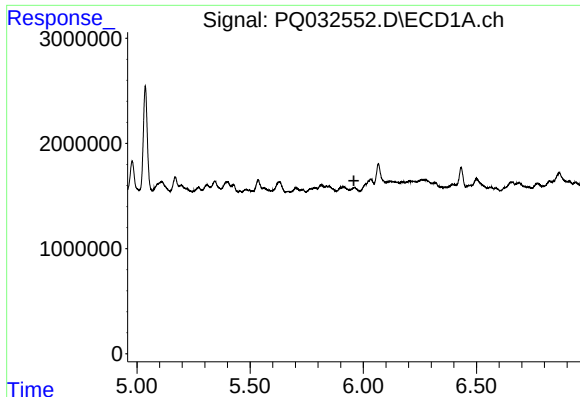
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 5.796 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

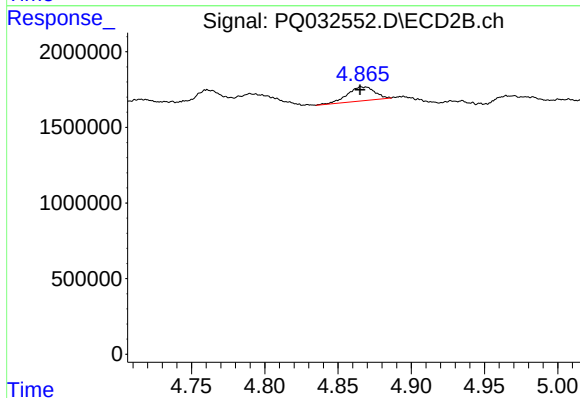
R.T.: 4.761 min  
Delta R.T.: 0.009 min  
Response: 1073479  
Conc: 61.59 ng/ml



#12 AR-1232-2

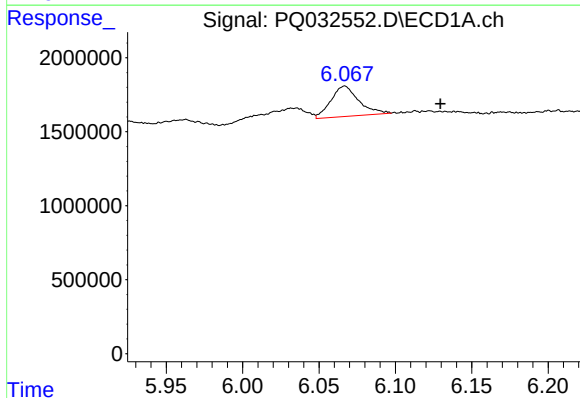
R.T.: 0.000 min  
Exp R.T.: 5.959 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



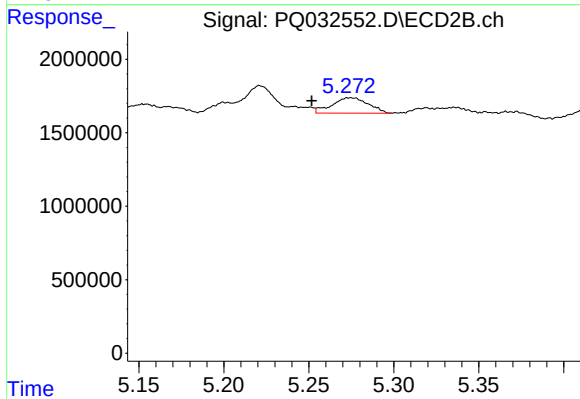
#12 AR-1232-2

R.T.: 4.866 min  
Delta R.T.: 0.000 min  
Response: 1204076  
Conc: 238.64 ng/ml



#13 AR-1232-3

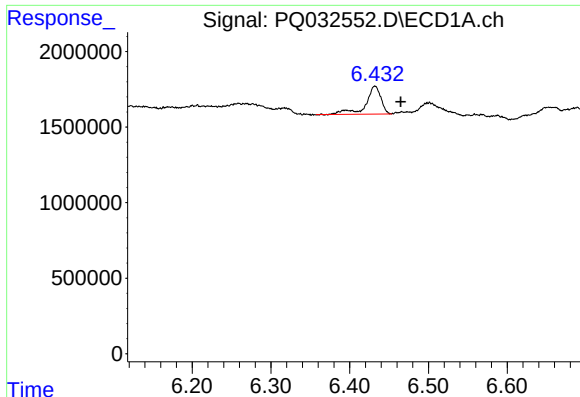
R.T.: 6.067 min  
Delta R.T.: -0.063 min  
Response: 2618310  
Conc: 454.34 ng/ml



#13 AR-1232-3

R.T.: 5.275 min  
Delta R.T.: 0.023 min  
Response: 1551467  
Conc: 98.91 ng/ml

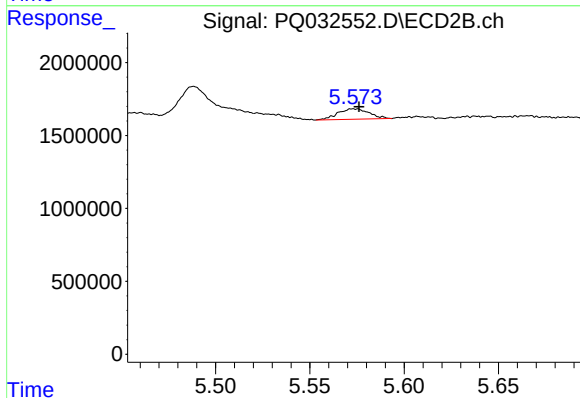




#14 AR-1232-4

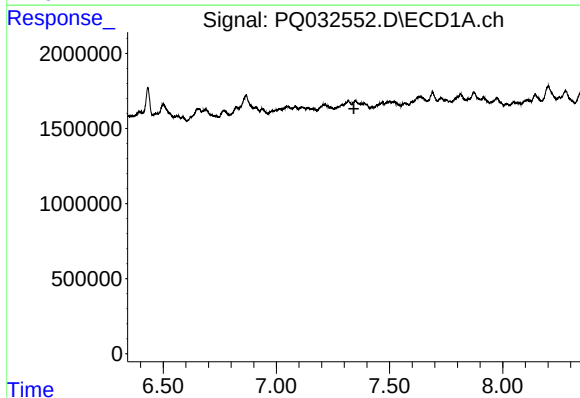
R.T.: 6.432 min  
Delta R.T.: -0.033 min  
Response: 2461992  
Conc: 510.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



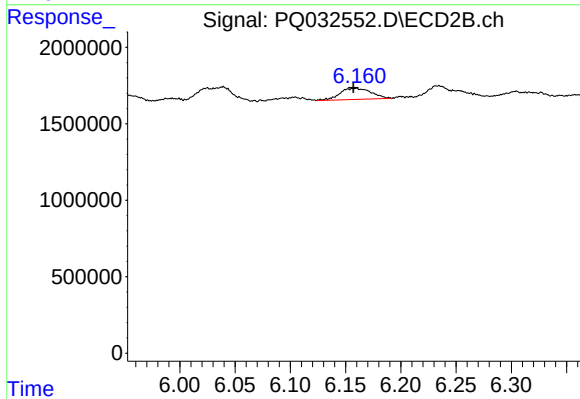
#14 AR-1232-4

R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 827527  
Conc: 44.81 ng/ml



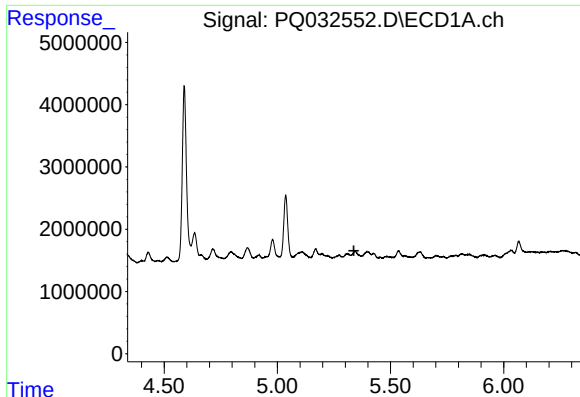
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 7.343 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

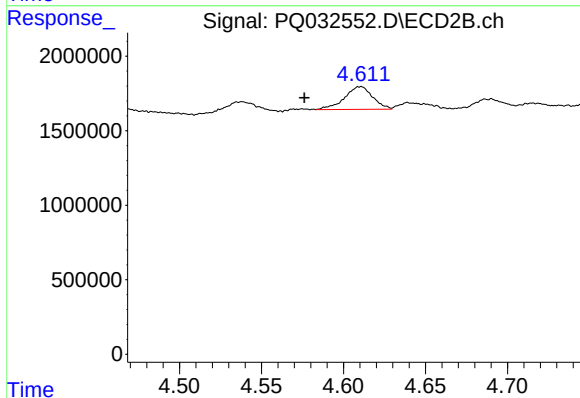
R.T.: 6.160 min  
Delta R.T.: 0.003 min  
Response: 1449761  
Conc: 508.08 ng/ml



#16 AR-1242-1

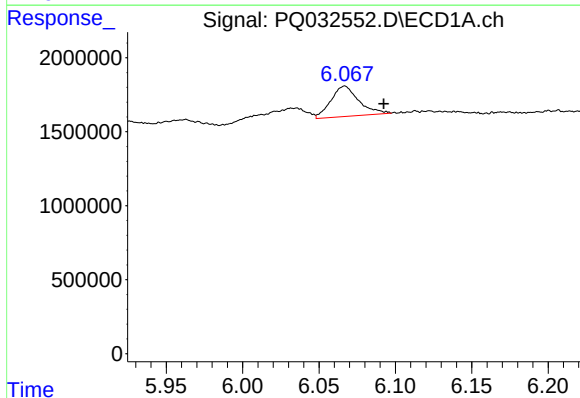
R.T.: 0.000 min  
Exp R.T.: 5.338 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



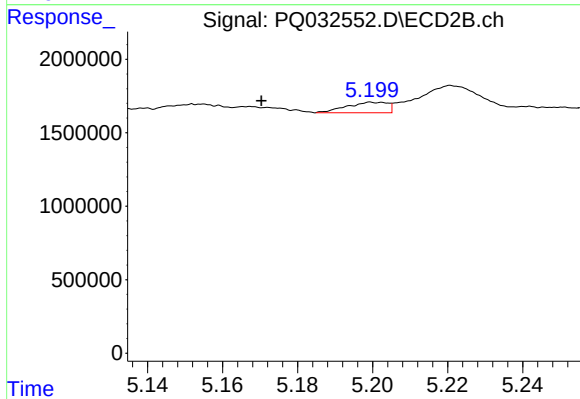
#16 AR-1242-1

R.T.: 4.611 min  
Delta R.T.: 0.035 min  
Response: 1812490  
Conc: 91.18 ng/ml



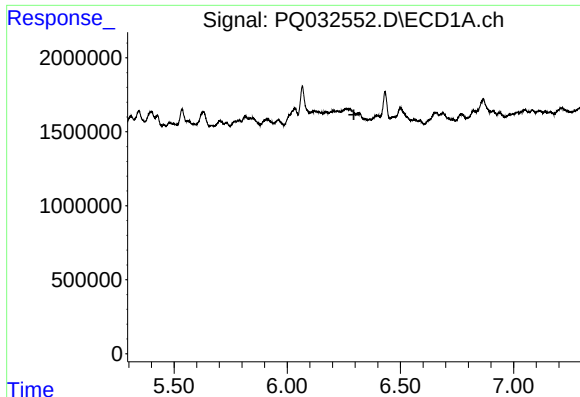
#17 AR-1242-2

R.T.: 6.067 min  
Delta R.T.: -0.025 min  
Response: 2618310  
Conc: 72.12 ng/ml



#17 AR-1242-2

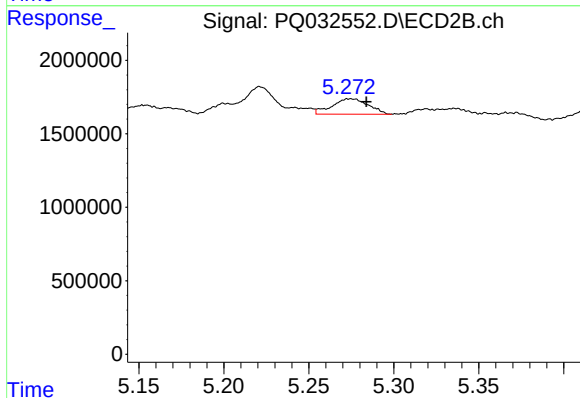
R.T.: 5.200 min  
Delta R.T.: 0.029 min  
Response: 540823  
Conc: 15.07 ng/ml



#18 AR-1242-3

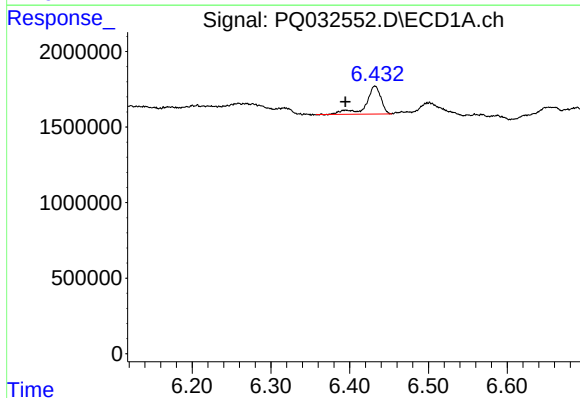
R.T.: 0.000 min  
Exp R.T.: 6.294 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



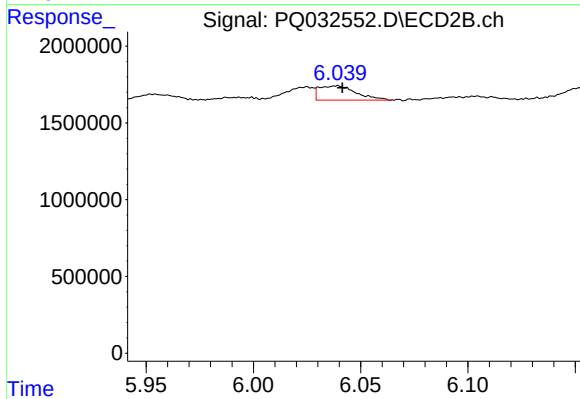
#18 AR-1242-3

R.T.: 5.275 min  
Delta R.T.: -0.009 min  
Response: 1551467  
Conc: 131.78 ng/ml



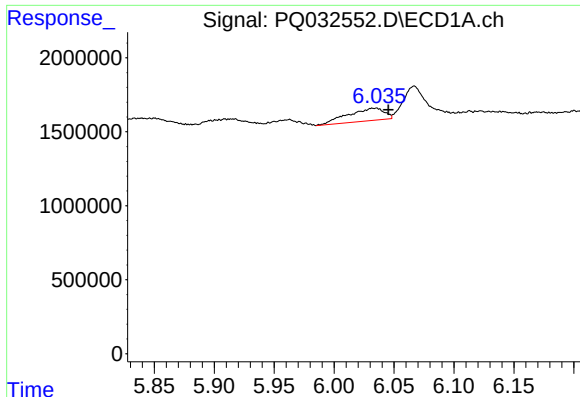
#20 AR-1242-5

R.T.: 6.432 min  
Delta R.T.: 0.038 min  
Response: 2461992  
Conc: 54.18 ng/ml



#20 AR-1242-5

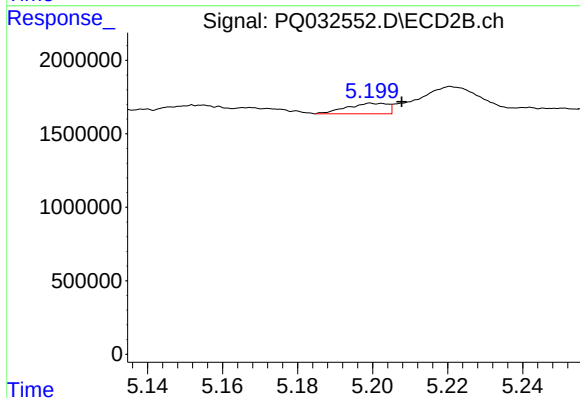
R.T.: 6.039 min  
Delta R.T.: -0.002 min  
Response: 1121419  
Conc: 47.25 ng/ml



#21 AR-1248-1

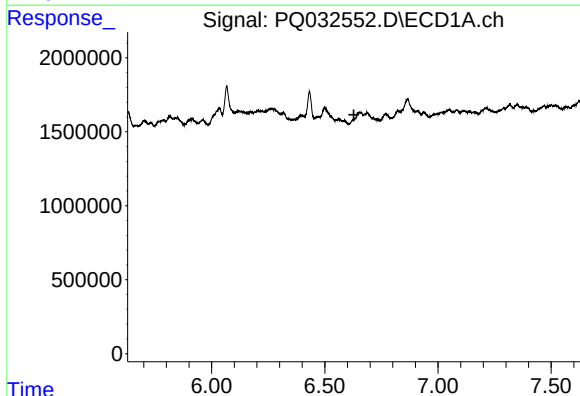
R.T.: 6.034 min  
Delta R.T.: -0.011 min  
Response: 1796000  
Conc: 31.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



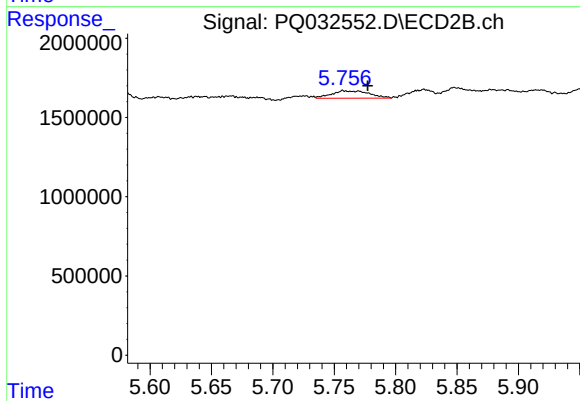
#21 AR-1248-1

R.T.: 5.200 min  
Delta R.T.: -0.008 min  
Response: 540823  
Conc: 11.00 ng/ml



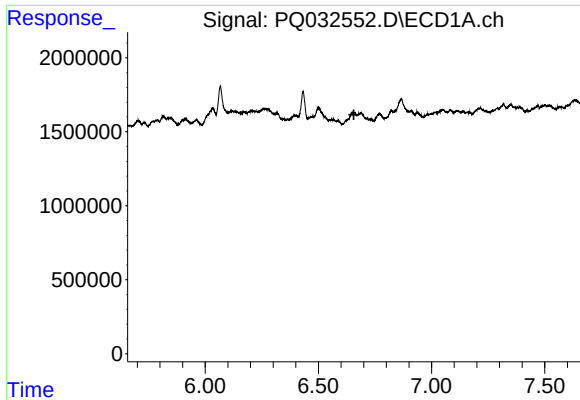
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.629 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

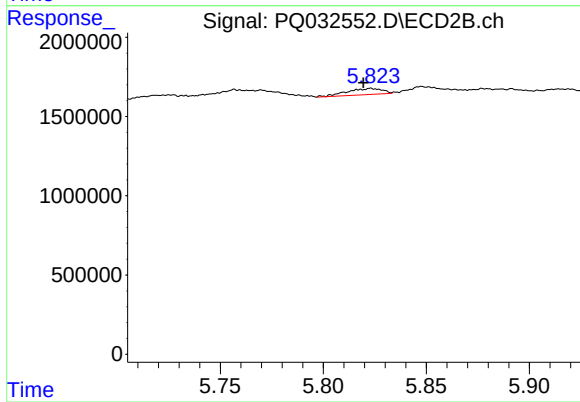
R.T.: 5.757 min  
Delta R.T.: -0.021 min  
Response: 983043  
Conc: 10.75 ng/ml



#23 AR-1248-3

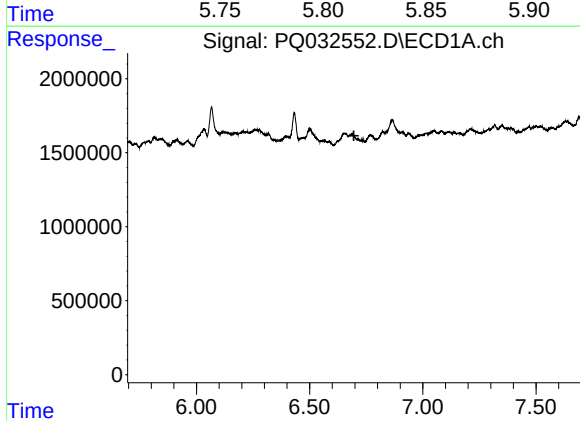
R.T.: 0.000 min  
Exp R.T.: 6.657 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



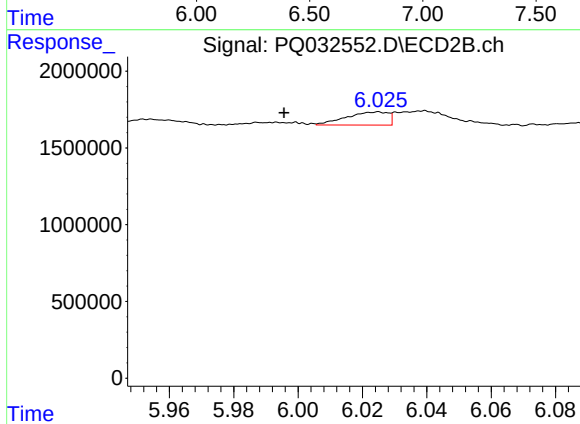
#23 AR-1248-3

R.T.: 5.823 min  
Delta R.T.: 0.004 min  
Response: 458121  
Conc: 7.24 ng/ml



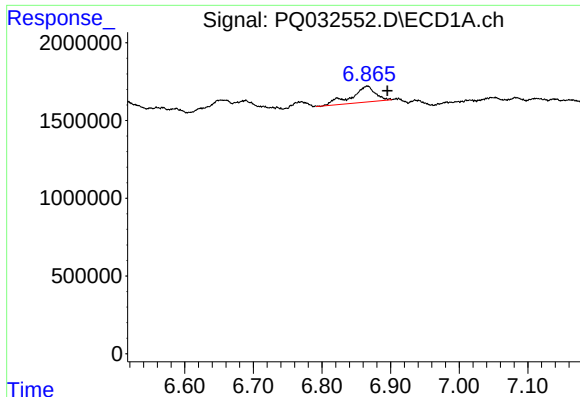
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.696 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

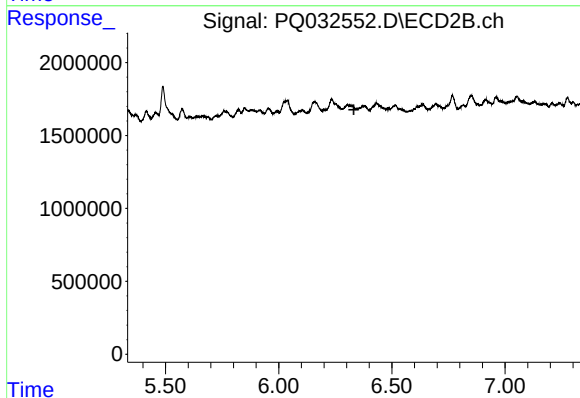
R.T.: 6.025 min  
Delta R.T.: 0.029 min  
Response: 774267  
Conc: 14.19 ng/ml



#25 AR-1248-5

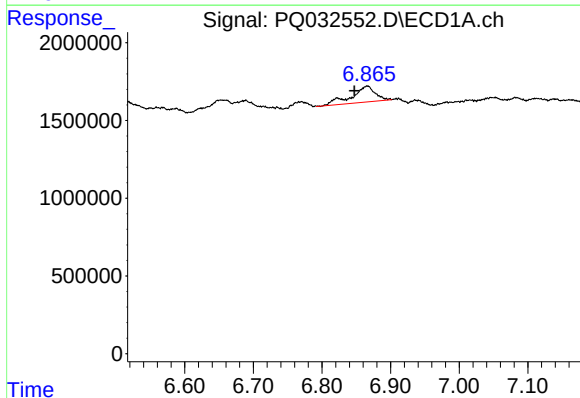
R.T.: 6.866 min  
Delta R.T.: -0.029 min  
Response: 2480418  
Conc: 54.23 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



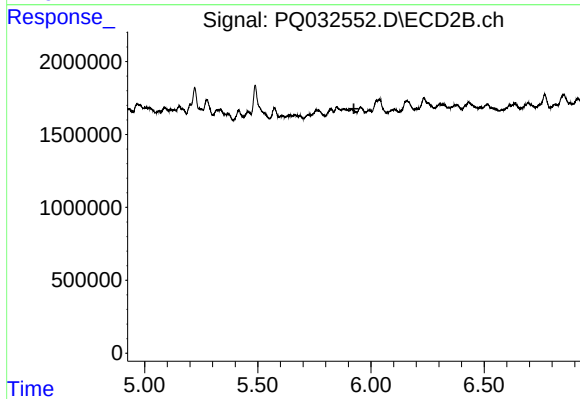
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.332 min  
Response: 0  
Conc: N.D.



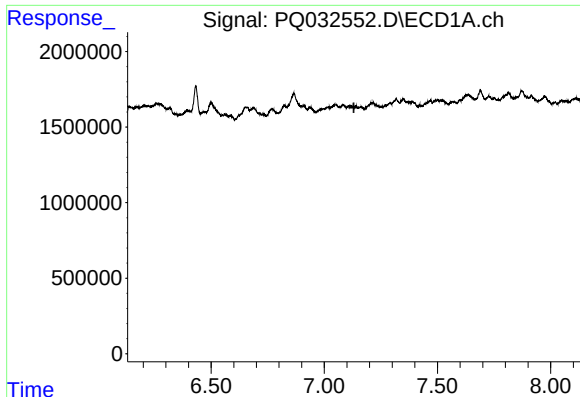
#26 AR-1254-1

R.T.: 6.866 min  
Delta R.T.: 0.019 min  
Response: 2480418  
Conc: 14.96 ng/ml



#26 AR-1254-1

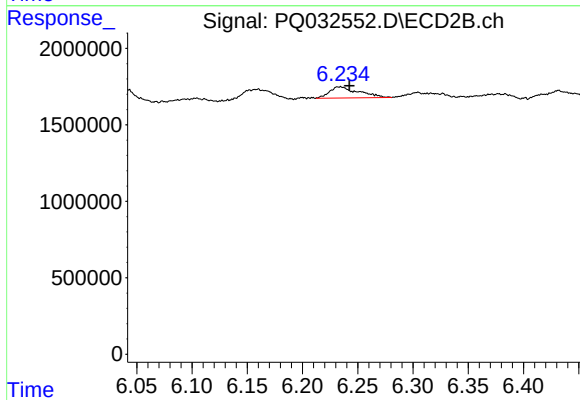
R.T.: 0.000 min  
Exp R.T. : 5.924 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

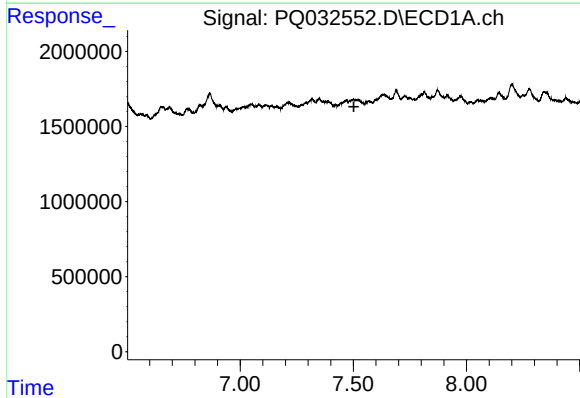
R.T.: 0.000 min  
Exp R.T.: 7.131 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



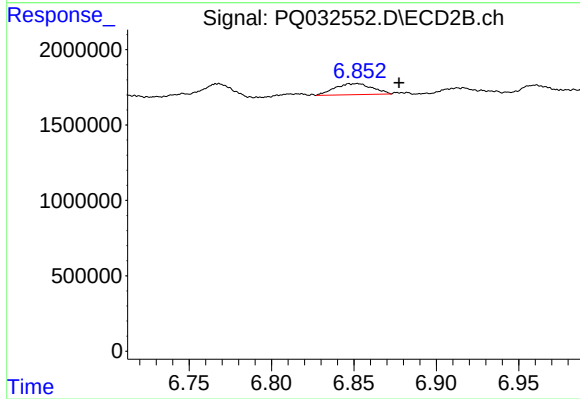
#27 AR-1254-2

R.T.: 6.235 min  
Delta R.T.: -0.008 min  
Response: 1359345  
Conc: 13.75 ng/ml



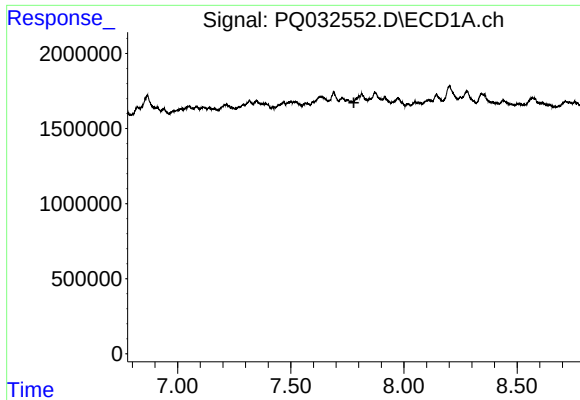
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 7.503 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

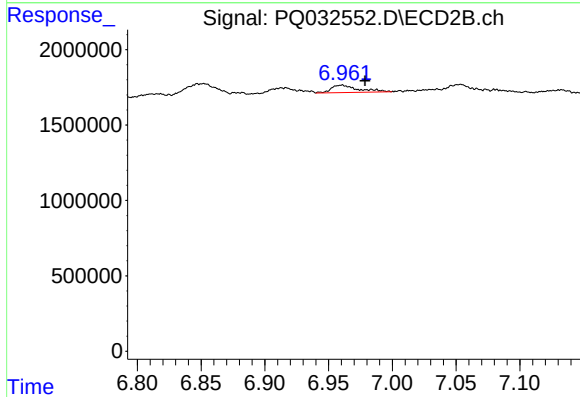
R.T.: 6.852 min  
Delta R.T.: -0.025 min  
Response: 1149945  
Conc: 13.07 ng/ml



#30 AR-1254-5

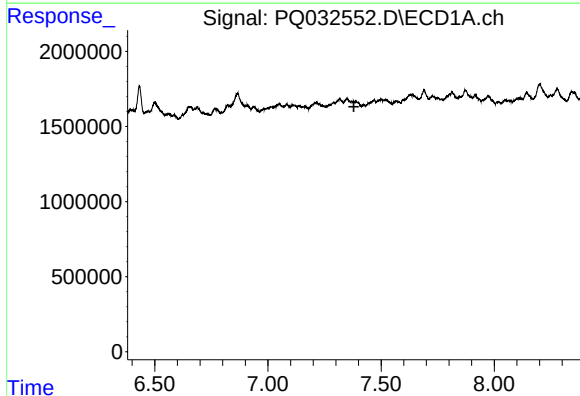
R.T.: 0.000 min  
Exp R.T.: 7.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



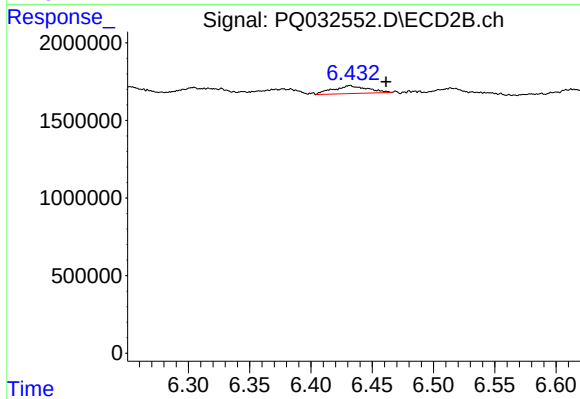
#30 AR-1254-5

R.T.: 6.961 min  
Delta R.T.: -0.018 min  
Response: 727963  
Conc: 4.19 ng/ml



#31 AR-1260-1

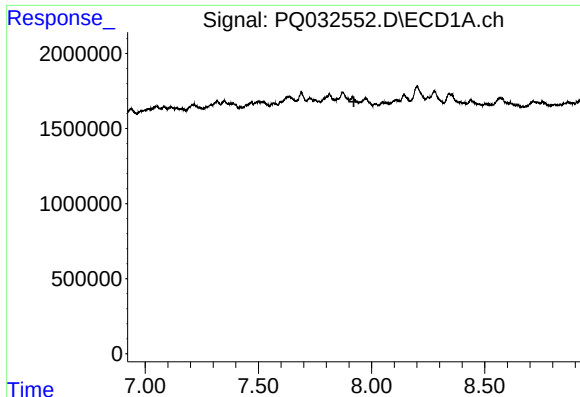
R.T.: 0.000 min  
Exp R.T.: 7.380 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

R.T.: 6.432 min  
Delta R.T.: -0.029 min  
Response: 982429  
Conc: 9.17 ng/ml

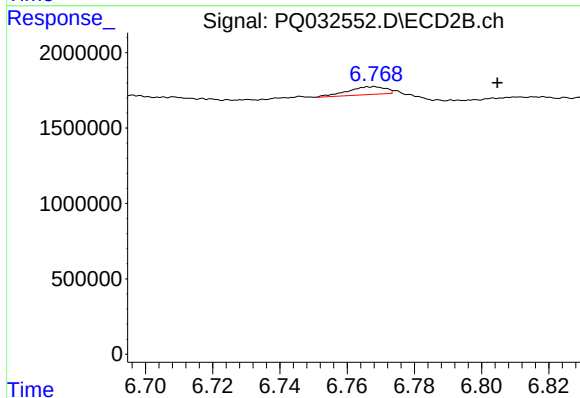




#33 AR-1260-3

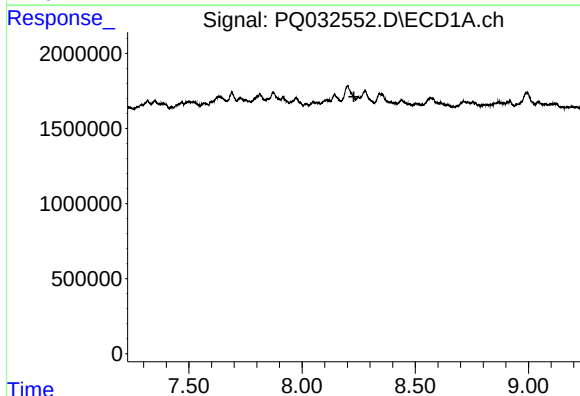
R.T.: 0.000 min  
Exp R.T.: 7.922 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



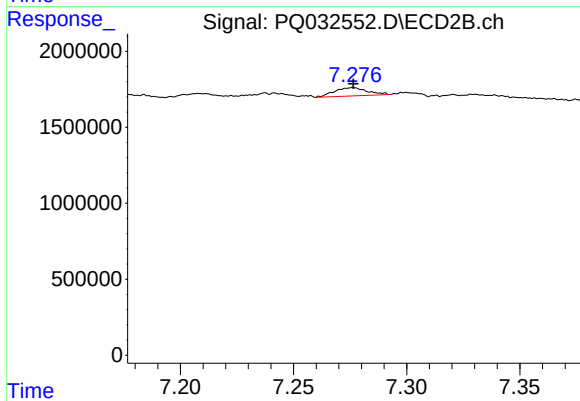
#33 AR-1260-3

R.T.: 6.768 min  
Delta R.T.: -0.037 min  
Response: 411897  
Conc: 3.41 ng/ml



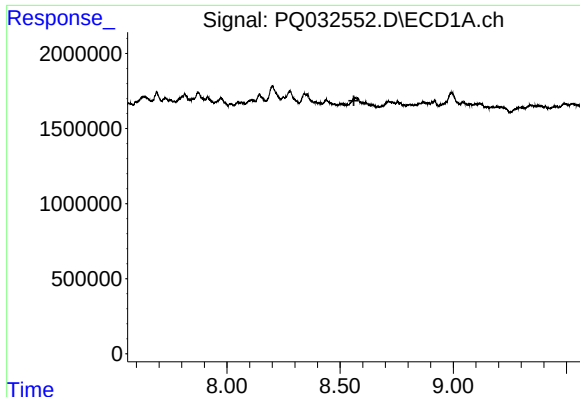
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 8.229 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

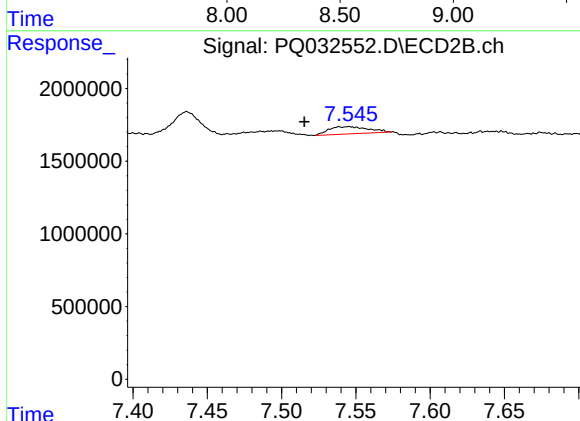
R.T.: 7.276 min  
Delta R.T.: 0.000 min  
Response: 555308  
Conc: 5.67 ng/ml



#35 AR-1260-5

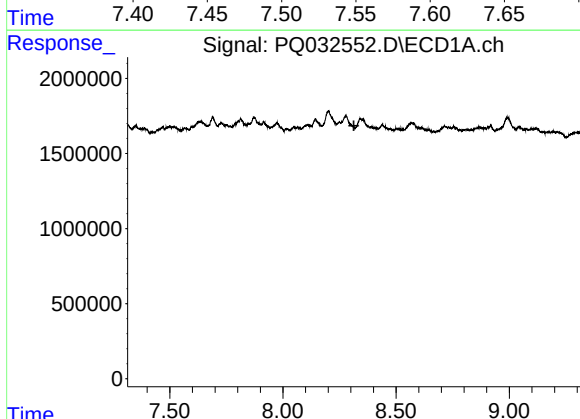
R.T.: 0.000 min  
Exp R.T.: 8.561 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



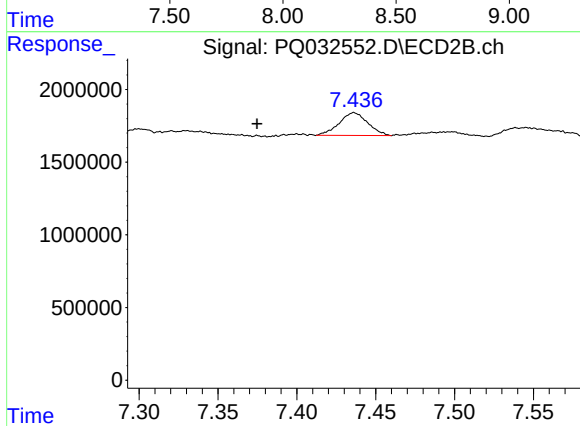
#35 AR-1260-5

R.T.: 7.545 min  
Delta R.T.: 0.030 min  
Response: 930871  
Conc: 3.90 ng/ml



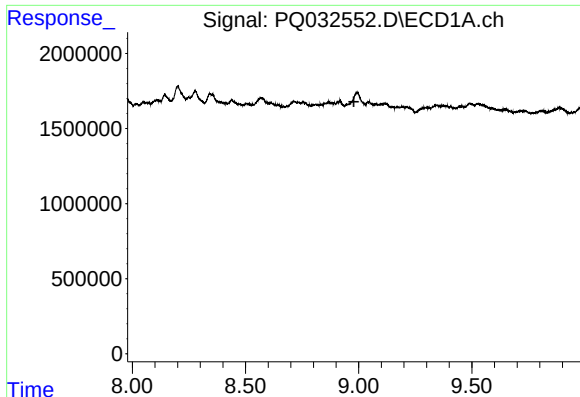
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 8.313 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

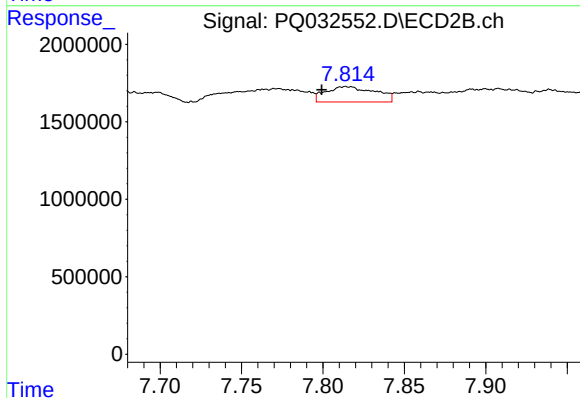
R.T.: 7.436 min  
Delta R.T.: 0.062 min  
Response: 1988994  
Conc: 36.41 ng/ml



#39 AR-1262-4

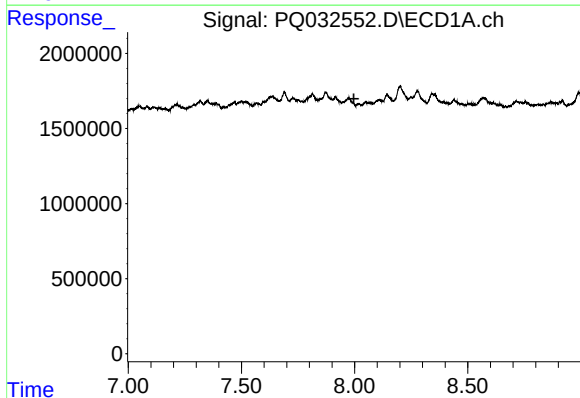
R.T.: 0.000 min  
Exp R.T.: 8.979 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



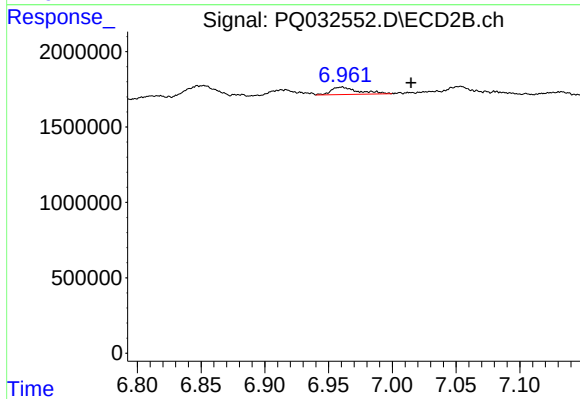
#39 AR-1262-4

R.T.: 7.814 min  
Delta R.T.: 0.015 min  
Response: 2087519  
Conc: 23.36 ng/ml



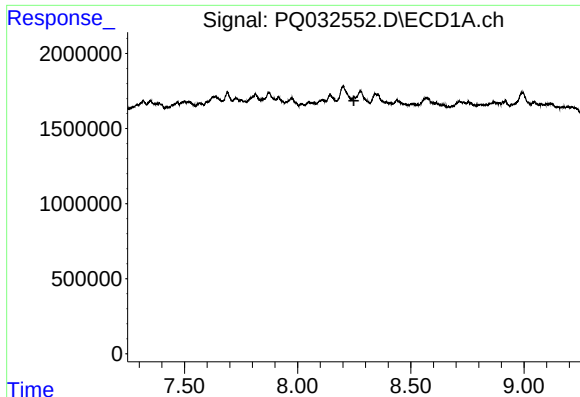
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 7.997 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

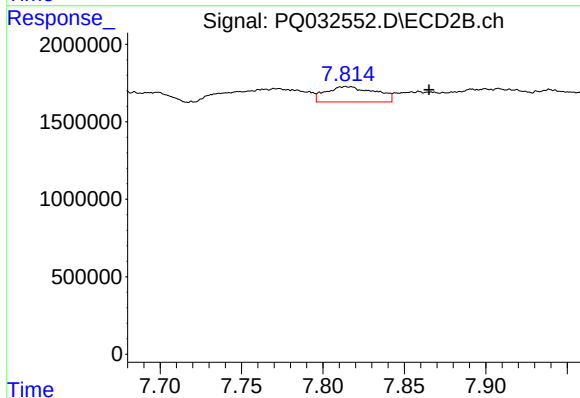
R.T.: 6.961 min  
Delta R.T.: -0.054 min  
Response: 727963  
Conc: 14.45 ng/ml



#42 AR-1268-2

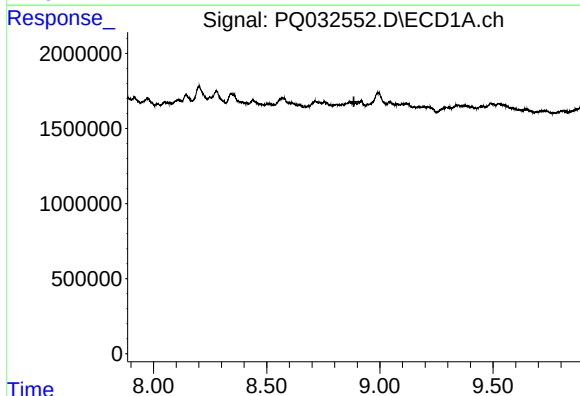
R.T.: 0.000 min  
Exp R.T.: 8.248 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



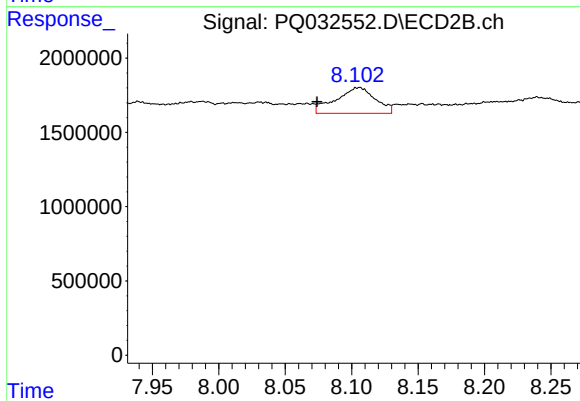
#42 AR-1268-2

R.T.: 7.814 min  
Delta R.T.: -0.051 min  
Response: 2087519  
Conc: 7.86 ng/ml



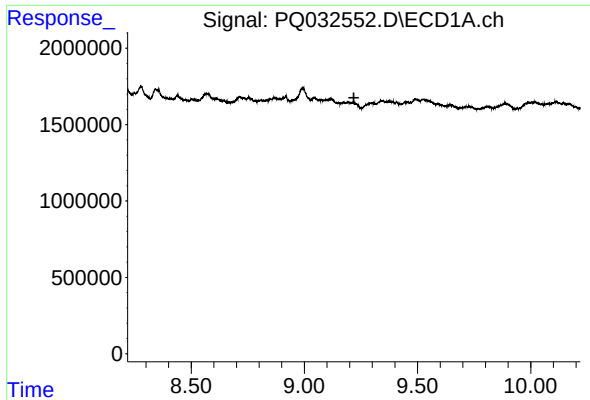
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 8.885 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

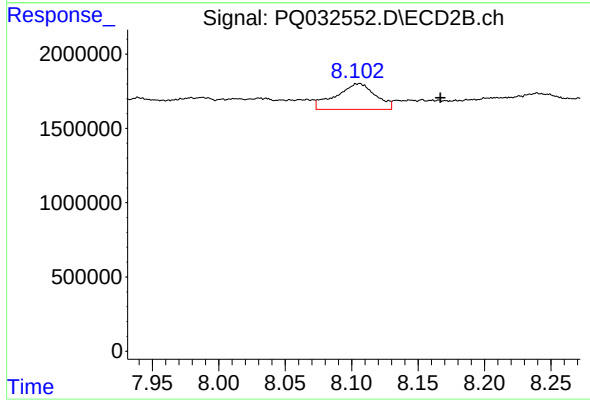
R.T.: 8.106 min  
Delta R.T.: 0.032 min  
Response: 3602286  
Conc: 16.49 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 9.219 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



#44 AR-1268-4

R.T.: 8.106 min  
Delta R.T.: -0.061 min  
Response: 3602286  
Conc: 62.71 ng/ml