

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121224\  
 Data File : PQ069618.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Dec 2024 15:25  
 Operator : YP\AJ  
 Sample : AIBLK015  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 13 04:44:53 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121224CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 13 04:43:19 2024  
 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... | 3.415  | 2.790  | 97499874 | 139.0E6  | 19.311 | 20.221    |
| 2)                          | SA Decachlor... | 8.529  | 7.568  | 98890666 | 211.7E6  | 39.353 | 38.925    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 4.466  | 3.831f | 2001229  | 2029122  | 13.388 | 9.136 #   |
| 4)                          | L1 AR-1016-2    | 4.466f | 3.831  | 2001229  | 2029122  | 8.440  | 6.065 #   |
| 5)                          | L1 AR-1016-3    | 4.593  | 0.000  | 1942592  | 0        | 13.170 | N.D. #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.050  | 0        | 1446994  | N.D.   | 9.386 #   |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.059f | 0        | 2035956  | N.D.   | 24.593 #  |
| 9)                          | L2 AR-1221-2    | 3.688  | 3.059  | 1424250  | 2035956  | 36.178 | 35.078    |
| 10)                         | L2 AR-1221-3    | 3.688f | 0.000  | 1424250  | 0        | 10.953 | N.D. #    |
| 11)                         | L3 AR-1232-1    | 3.688f | 0.000  | 1424250  | 0        | 13.774 | N.D. #    |
| 12)                         | L3 AR-1232-2    | 0.000  | 3.831  | 0        | 2029122  | N.D.   | 13.386 #  |
| 13)                         | L3 AR-1232-3    | 4.466f | 0.000  | 2001229  | 0        | 19.082 | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.050  | 0        | 1446994  | N.D.   | 21.500 #  |
| 15)                         | L3 AR-1232-5    | 4.810f | 0.000  | 637238   | 0        | 17.869 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 4.466  | 3.831f | 2001229  | 2029122  | 16.106 | 11.214 #  |
| 17)                         | L4 AR-1242-2    | 4.466f | 3.831  | 2001229  | 2029122  | 10.285 | 7.498 #   |
| 18)                         | L4 AR-1242-3    | 4.593  | 0.000  | 1942592  | 0        | 15.675 | N.D. #    |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.050  | 0        | 1446994  | N.D.   | 10.619 #  |
| 21)                         | L5 AR-1248-1    | 4.466  | 3.831f | 2001229  | 2029122  | 21.812 | 15.283 #  |
| 22)                         | L5 AR-1248-2    | 4.810f | 4.050  | 637238   | 1446994  | 4.928  | 7.121 #   |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.050  | 0        | 1446994  | N.D.   | 7.313 #   |
| 27)                         | L6 AR-1254-2    | 5.573f | 0.000  | 394584   | 0        | 1.428  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 0.000  | 5.098  | 0        | 3179696  | N.D.   | 6.071 #   |
| 29)                         | L6 AR-1254-4    | 6.176  | 0.000  | 2767337  | 0        | 13.964 | N.D. #    |
| 30)                         | L6 AR-1254-5    | 0.000  | 5.721  | 0        | 4740040  | N.D.   | 10.094 #  |
| 32)                         | L7 AR-1260-2    | 6.361f | 5.396  | 473711   | 1368186  | 1.920  | 3.216 #   |
| 34)                         | L7 AR-1260-4    | 6.853  | 6.005  | 1381186  | 22500323 | 6.857  | 62.952 #  |
| 35)                         | L7 AR-1260-5    | 7.169  | 0.000  | 116083   | 0        | 0.295  | N.D. #    |
| 36)                         | L8 AR-1262-1    | 6.853  | 5.755  | 1381186  | 3032357  | 5.461  | 6.170     |
| 37)                         | L8 AR-1262-2    | 7.169  | 6.005  | 116083   | 22500323 | 0.258  | 49.355 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 6.520  | 0        | 21891530 | N.D.   | 60.104 #  |
| 39)                         | L8 AR-1262-4    | 7.541  | 6.547f | 725452   | 18006105 | 3.109  | 27.082 #  |
| 40)                         | L8 AR-1262-5    | 8.034  | 0.000  | 89194    | 0        | 0.635  | N.D. #    |
| 41)                         | L9 AR-1268-1    | 0.000  | 6.520  | 0        | 21891530 | N.D.   | 21.250 #  |
| 42)                         | L9 AR-1268-2    | 7.541  | 6.547f | 725452   | 18006105 | 1.501  | 18.845 #  |
| 43)                         | L9 AR-1268-3    | 7.707  | 6.792  | 2038025  | 111.2E6  | 5.052  | 136.440 # |
| 44)                         | L9 AR-1268-4    | 8.034  | 0.000  | 89194    | 0        | 0.568  | N.D. #    |
| 45)                         | L9 AR-1268-5    | 8.307  | 7.395f | 639369   | 11470355 | 0.546  | 4.845 #   |
| -----                       |                 |        |        |          |          |        |           |

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

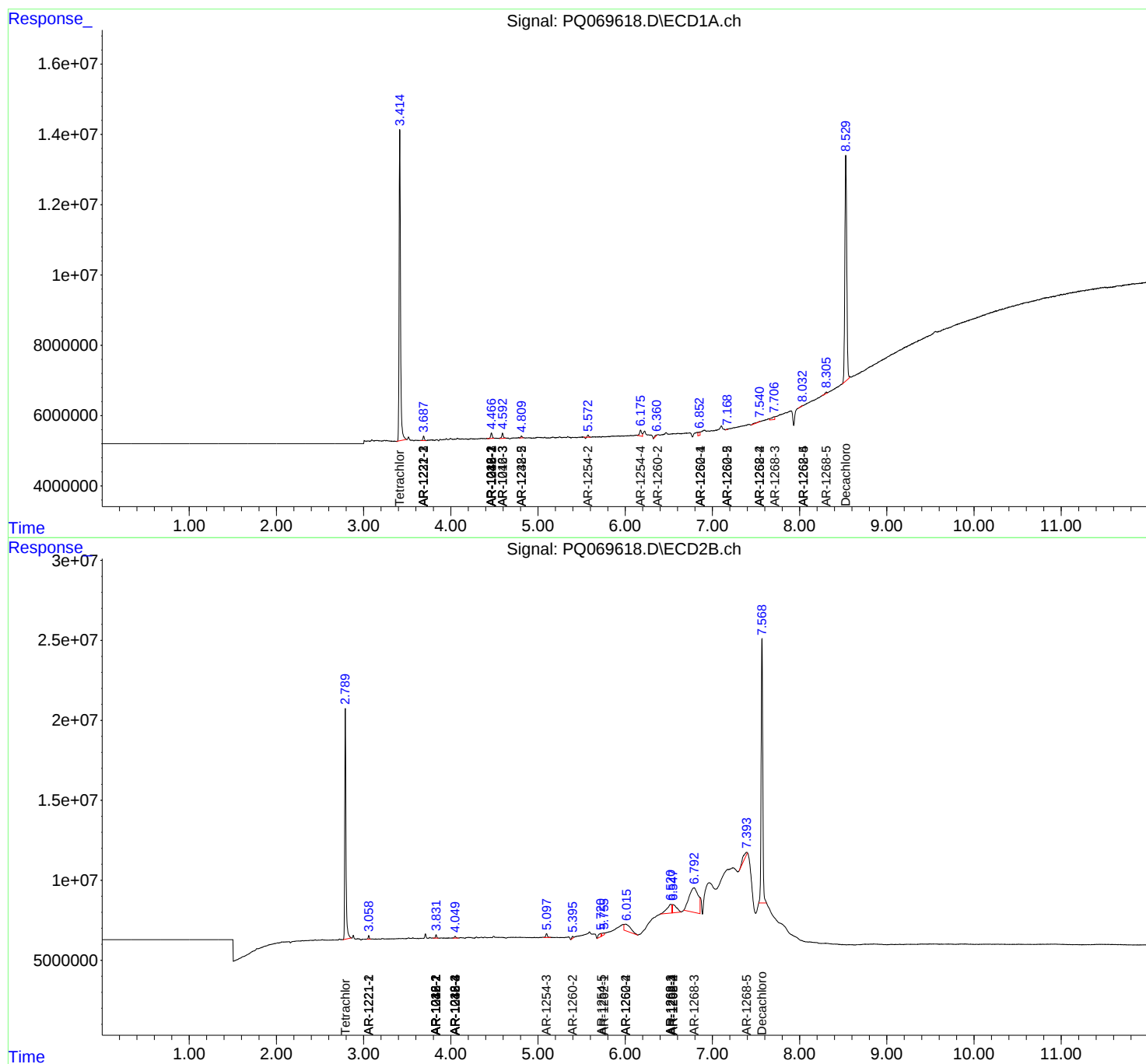
Instrument :  
ECD\_Q  
ClientSampleId :

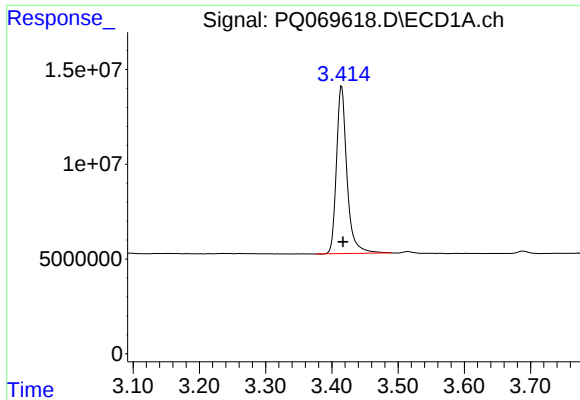
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121224\  
Data File : PQ069618.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Dec 2024 15:25  
Operator : YP\AJ  
Sample : AIBLK015  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 13 04:44:53 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121224CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 13 04:43:19 2024  
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

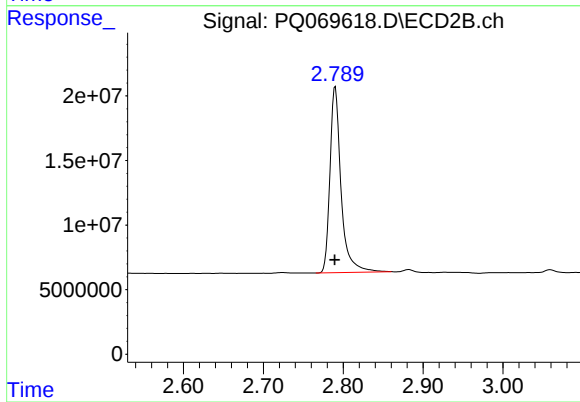




#1 Tetrachloro-m-xylene

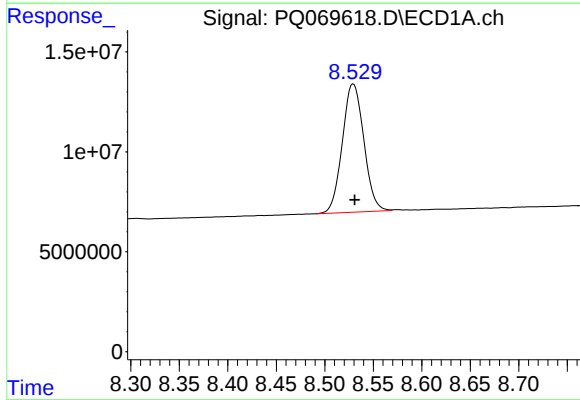
R.T.: 3.415 min  
Delta R.T.: -0.002 min  
Response: 97499874  
Conc: 19.31 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



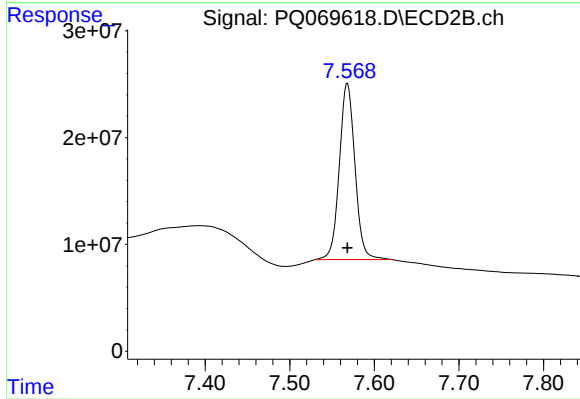
#1 Tetrachloro-m-xylene

R.T.: 2.790 min  
Delta R.T.: 0.000 min  
Response: 139015537  
Conc: 20.22 ng/ml



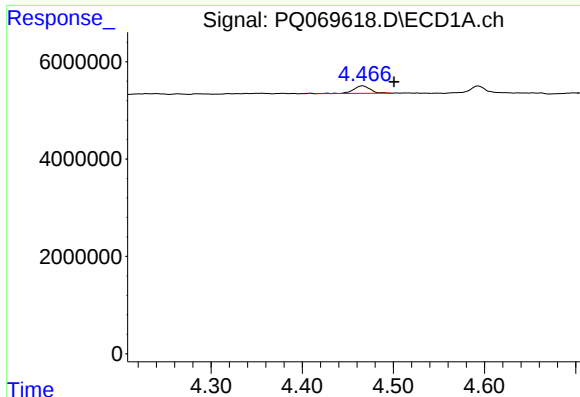
#2 Decachlorobiphenyl

R.T.: 8.529 min  
Delta R.T.: -0.002 min  
Response: 98890666  
Conc: 39.35 ng/ml



#2 Decachlorobiphenyl

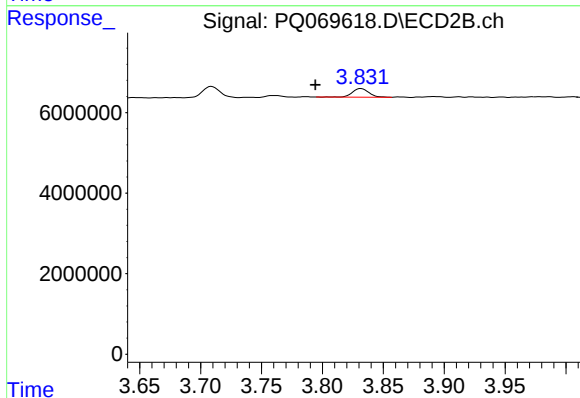
R.T.: 7.568 min  
Delta R.T.: 0.000 min  
Response: 211709512  
Conc: 38.93 ng/ml



#3 AR-1016-1

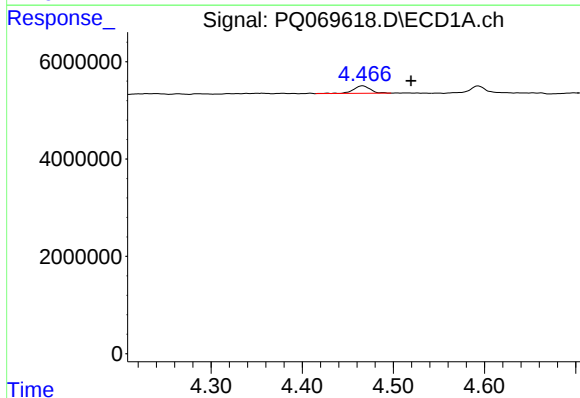
R.T.: 4.466 min  
Delta R.T.: -0.035 min  
Response: 2001229  
Conc: 13.39 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



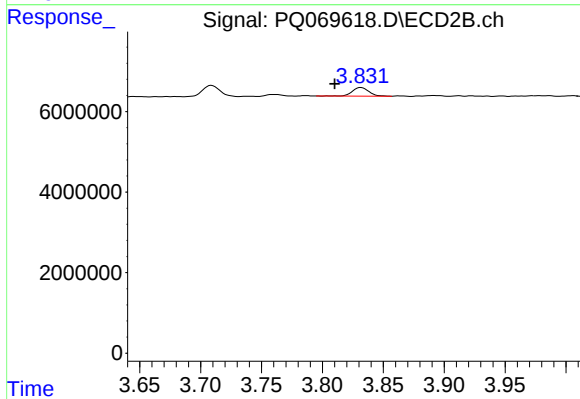
#3 AR-1016-1

R.T.: 3.831 min  
Delta R.T.: 0.037 min  
Response: 2029122  
Conc: 9.14 ng/ml



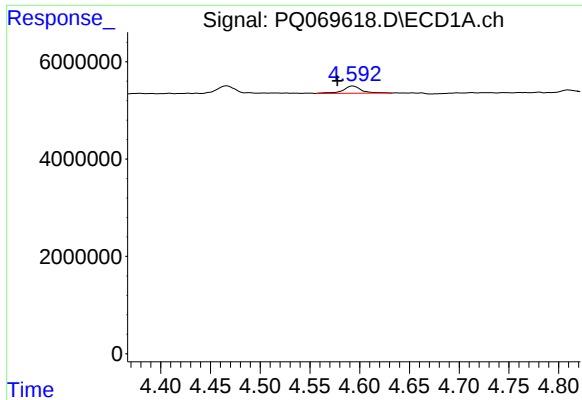
#4 AR-1016-2

R.T.: 4.466 min  
Delta R.T.: -0.053 min  
Response: 2001229  
Conc: 8.44 ng/ml



#4 AR-1016-2

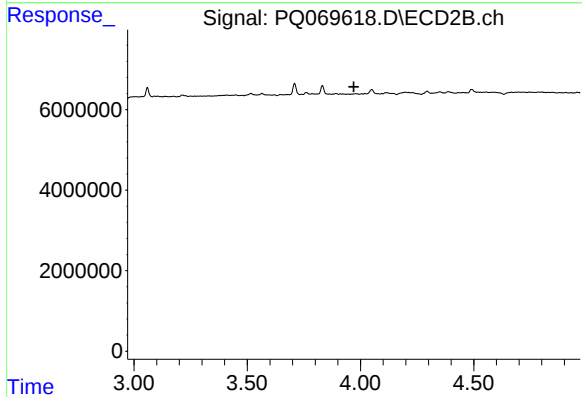
R.T.: 3.831 min  
Delta R.T.: 0.021 min  
Response: 2029122  
Conc: 6.07 ng/ml



#5 AR-1016-3

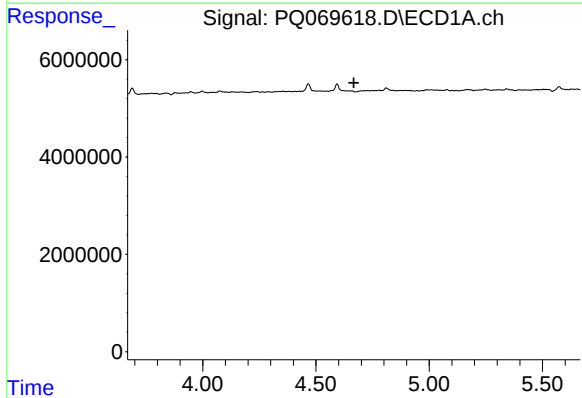
R.T.: 4.593 min  
Delta R.T.: 0.015 min  
Response: 1942592  
Conc: 13.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



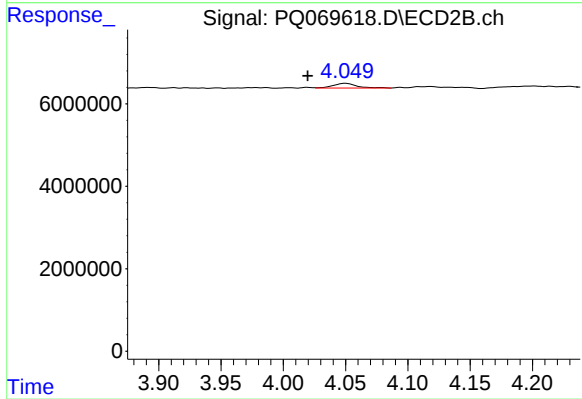
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 3.971 min  
Response: 0  
Conc: N.D.



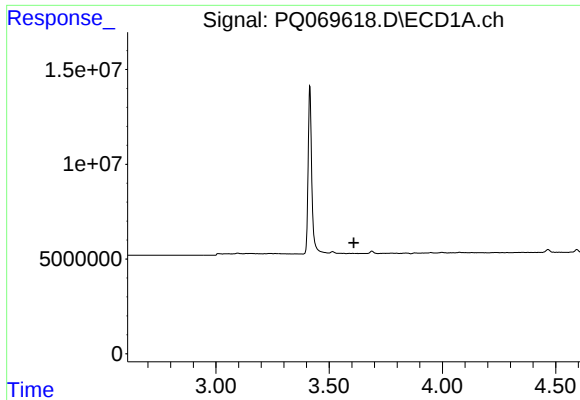
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 4.668 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

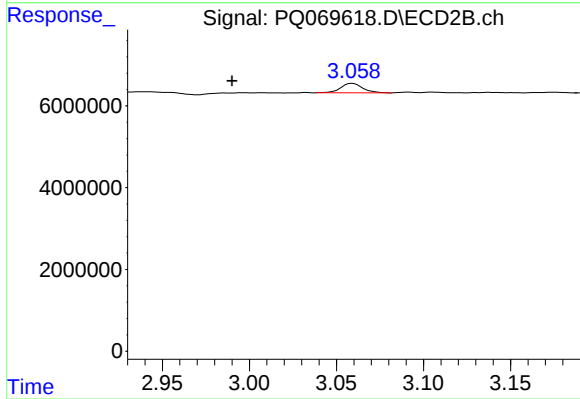
R.T.: 4.050 min  
Delta R.T.: 0.030 min  
Response: 1446994  
Conc: 9.39 ng/ml



#8 AR-1221-1

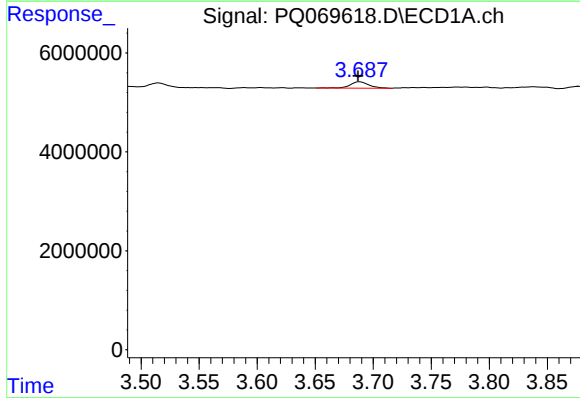
R.T.: 0.000 min  
Exp R.T.: 3.609 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



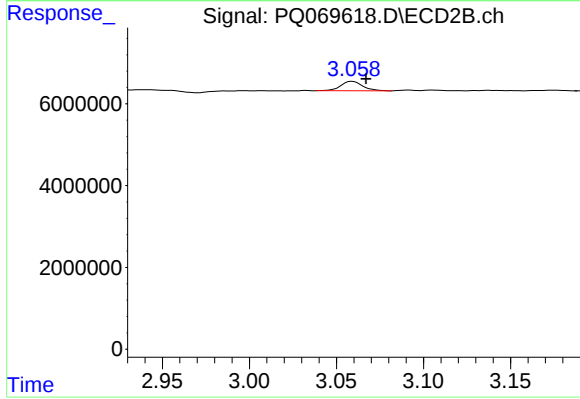
#8 AR-1221-1

R.T.: 3.059 min  
Delta R.T.: 0.069 min  
Response: 2035956  
Conc: 24.59 ng/ml



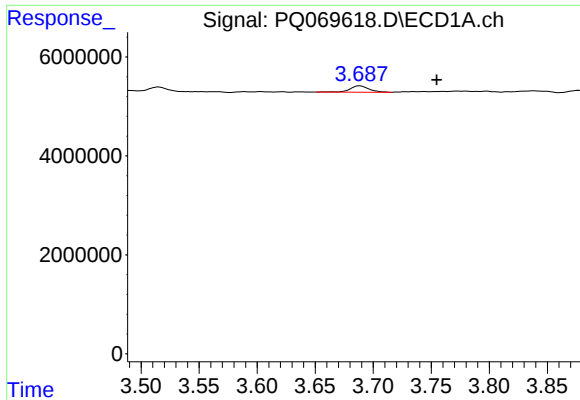
#9 AR-1221-2

R.T.: 3.688 min  
Delta R.T.: 0.001 min  
Response: 1424250  
Conc: 36.18 ng/ml



#9 AR-1221-2

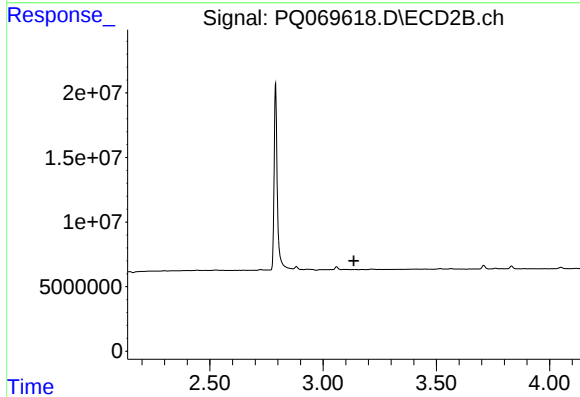
R.T.: 3.059 min  
Delta R.T.: -0.008 min  
Response: 2035956  
Conc: 35.08 ng/ml



#10 AR-1221-3

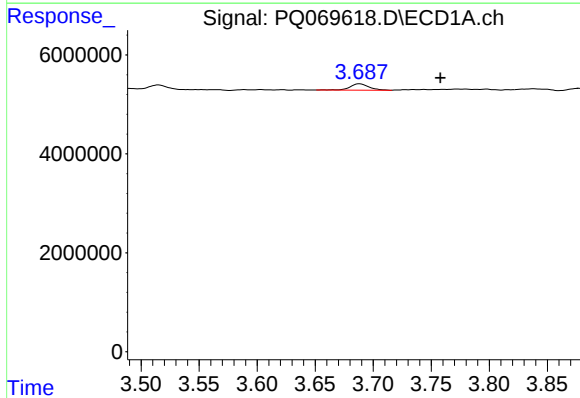
R.T.: 3.688 min  
Delta R.T.: -0.067 min  
Response: 1424250  
Conc: 10.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



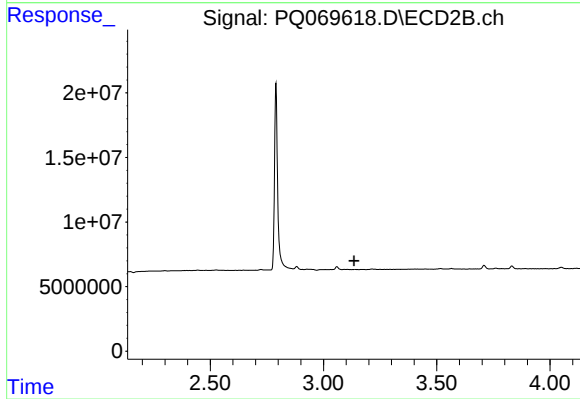
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 3.135 min  
Response: 0  
Conc: N.D.



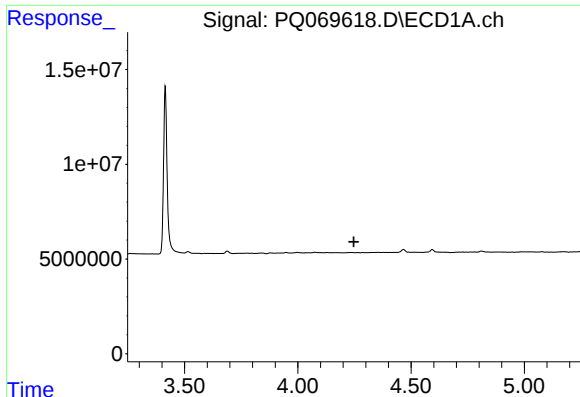
#11 AR-1232-1

R.T.: 3.688 min  
Delta R.T.: -0.070 min  
Response: 1424250  
Conc: 13.77 ng/ml



#11 AR-1232-1

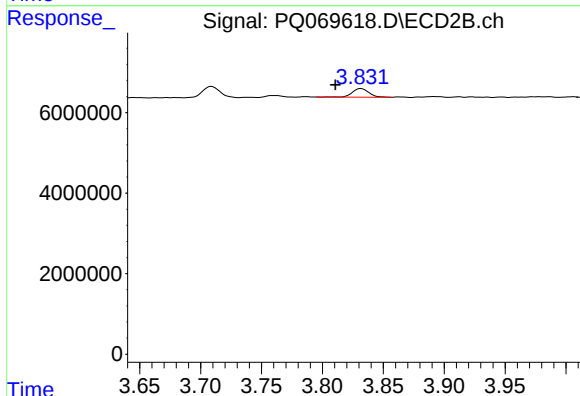
R.T.: 0.000 min  
Exp R.T. : 3.135 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

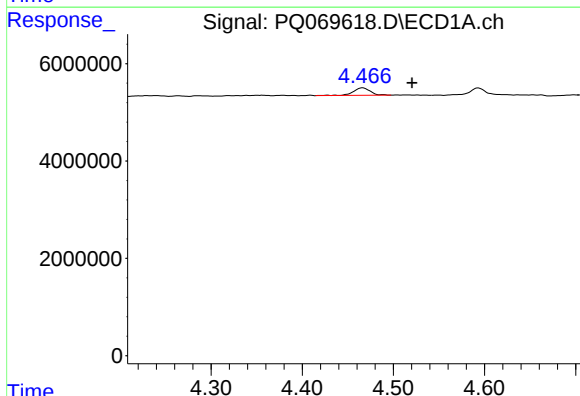
R.T.: 0.000 min  
Exp R.T.: 4.247 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



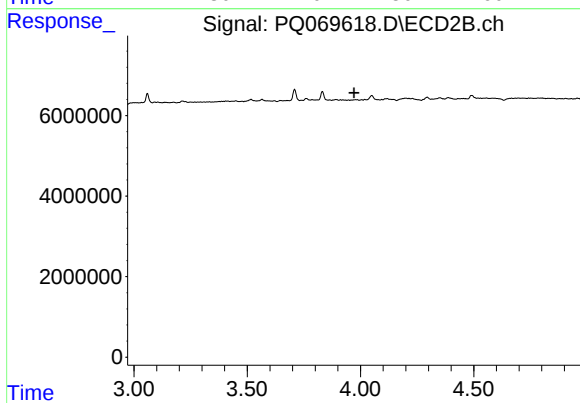
#12 AR-1232-2

R.T.: 3.831 min  
Delta R.T.: 0.021 min  
Response: 2029122  
Conc: 13.39 ng/ml



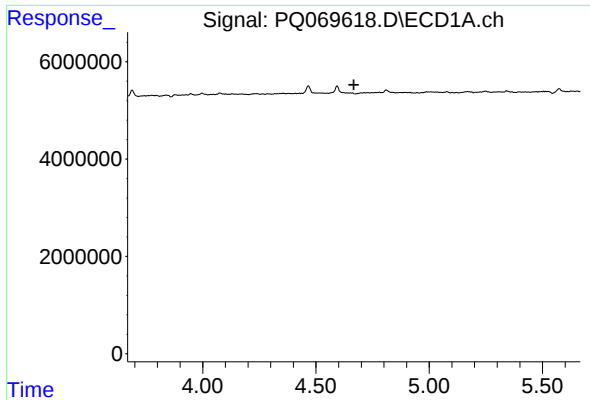
#13 AR-1232-3

R.T.: 4.466 min  
Delta R.T.: -0.054 min  
Response: 2001229  
Conc: 19.08 ng/ml



#13 AR-1232-3

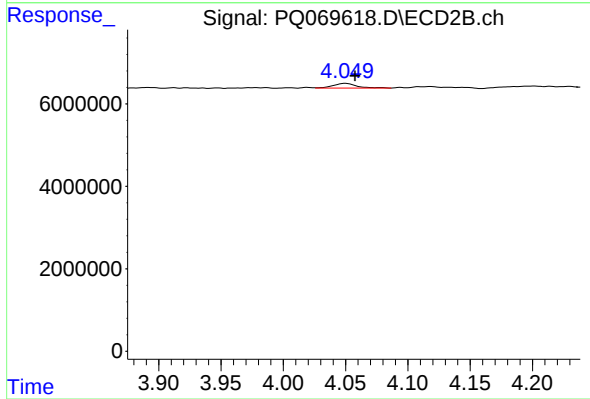
R.T.: 0.000 min  
Exp R.T.: 3.971 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

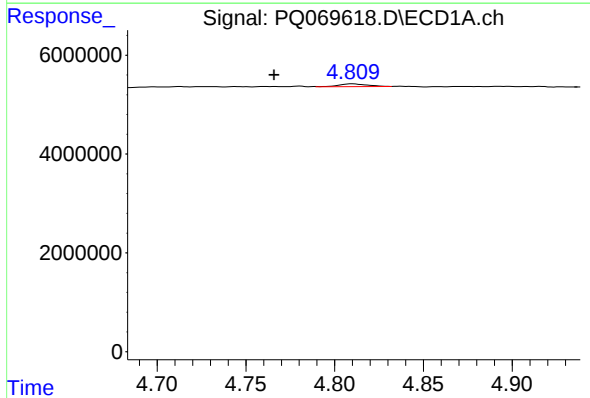
R.T.: 0.000 min  
Exp R.T.: 4.668 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



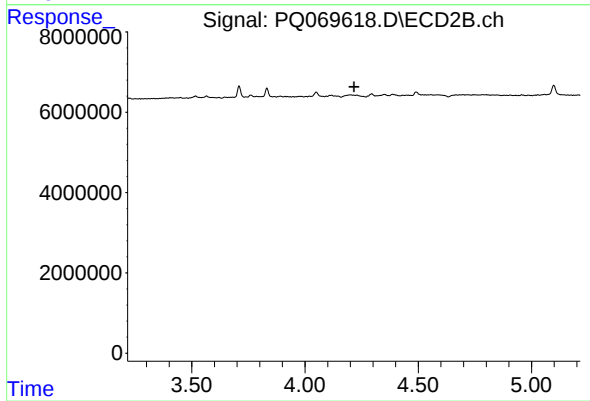
#14 AR-1232-4

R.T.: 4.050 min  
Delta R.T.: -0.008 min  
Response: 1446994  
Conc: 21.50 ng/ml



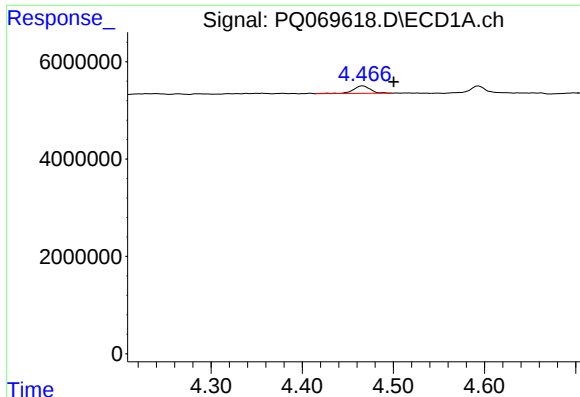
#15 AR-1232-5

R.T.: 4.810 min  
Delta R.T.: 0.044 min  
Response: 637238  
Conc: 17.87 ng/ml



#15 AR-1232-5

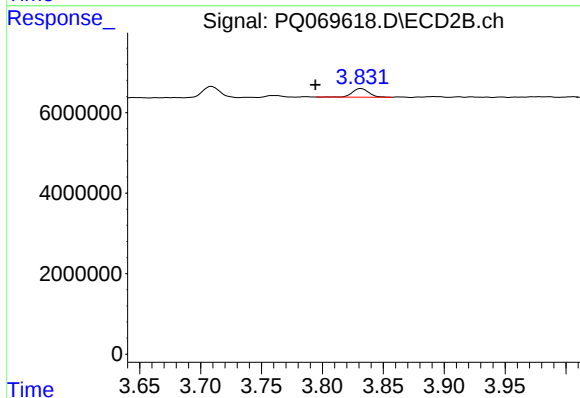
R.T.: 0.000 min  
Exp R.T.: 4.216 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

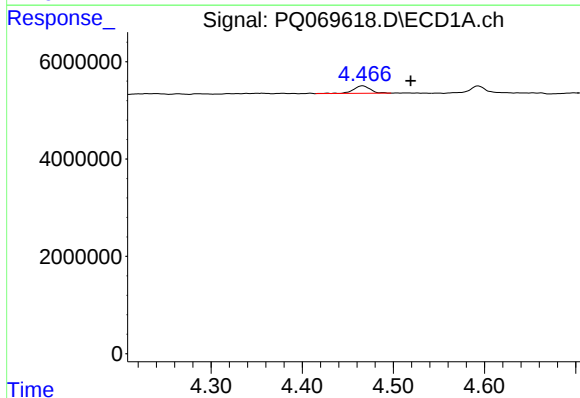
R.T.: 4.466 min  
Delta R.T.: -0.034 min  
Response: 2001229  
Conc: 16.11 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



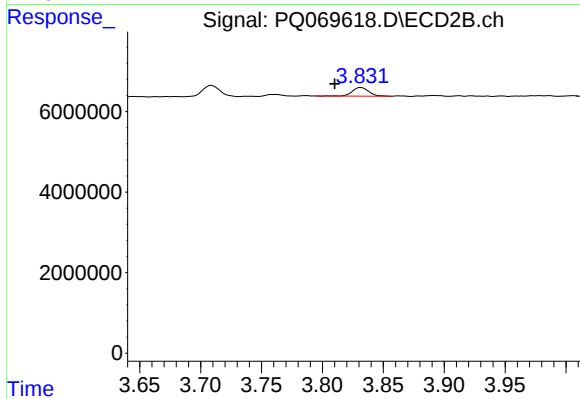
#16 AR-1242-1

R.T.: 3.831 min  
Delta R.T.: 0.037 min  
Response: 2029122  
Conc: 11.21 ng/ml



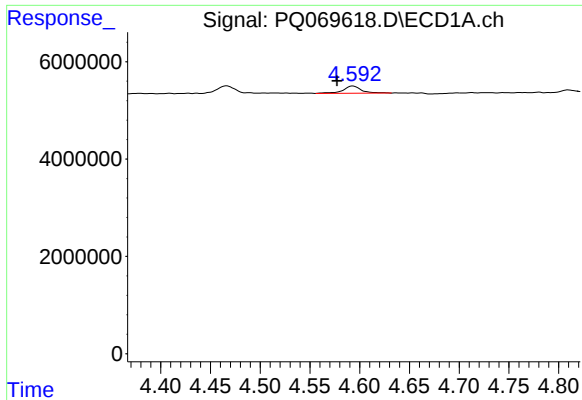
#17 AR-1242-2

R.T.: 4.466 min  
Delta R.T.: -0.053 min  
Response: 2001229  
Conc: 10.28 ng/ml



#17 AR-1242-2

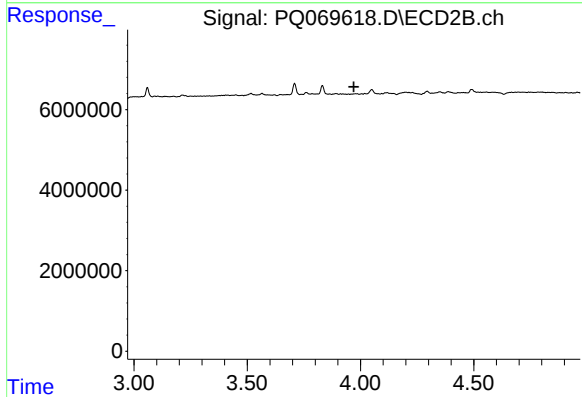
R.T.: 3.831 min  
Delta R.T.: 0.021 min  
Response: 2029122  
Conc: 7.50 ng/ml



#18 AR-1242-3

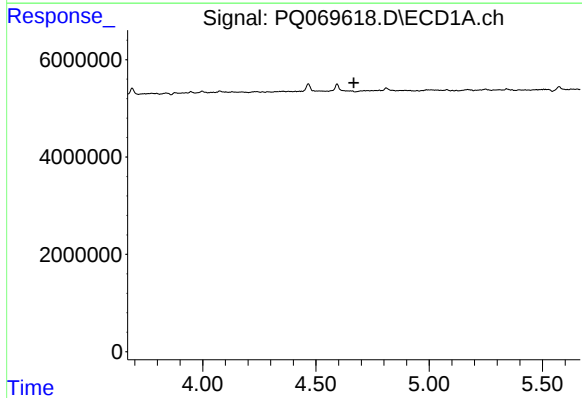
R.T.: 4.593 min  
Delta R.T.: 0.016 min  
Response: 1942592  
Conc: 15.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



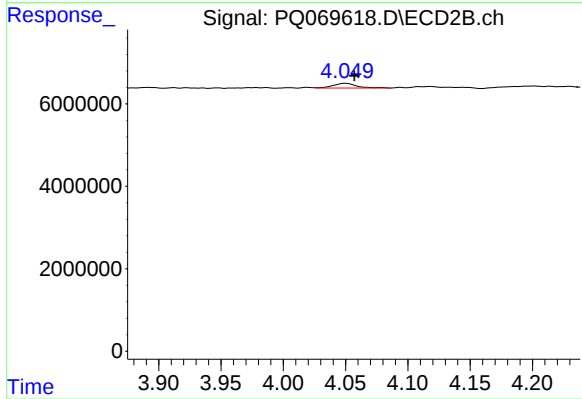
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 3.971 min  
Response: 0  
Conc: N.D.



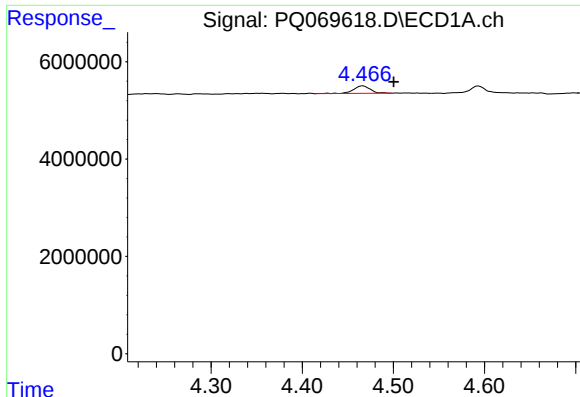
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 4.667 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

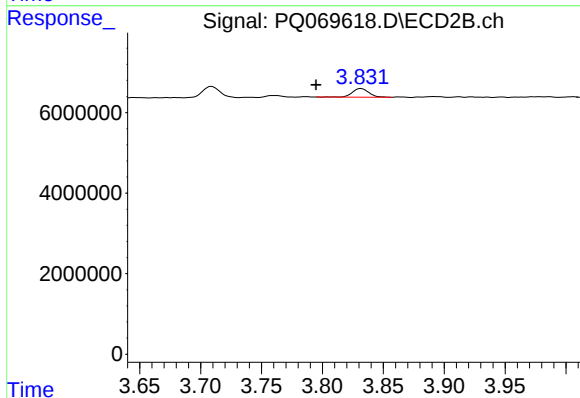
R.T.: 4.050 min  
Delta R.T.: -0.007 min  
Response: 1446994  
Conc: 10.62 ng/ml



#21 AR-1248-1

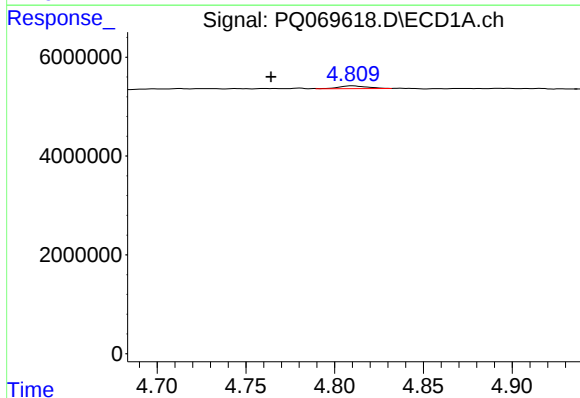
R.T.: 4.466 min  
Delta R.T.: -0.034 min  
Response: 2001229  
Conc: 21.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



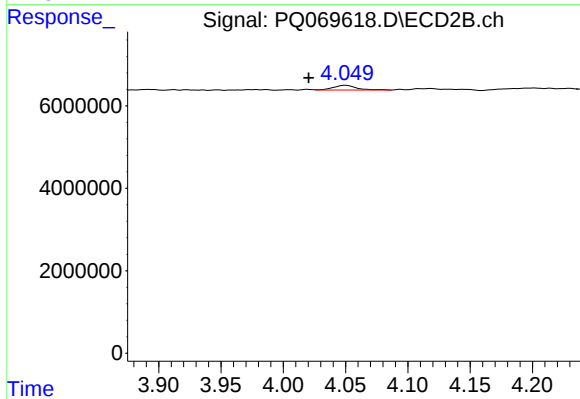
#21 AR-1248-1

R.T.: 3.831 min  
Delta R.T.: 0.037 min  
Response: 2029122  
Conc: 15.28 ng/ml



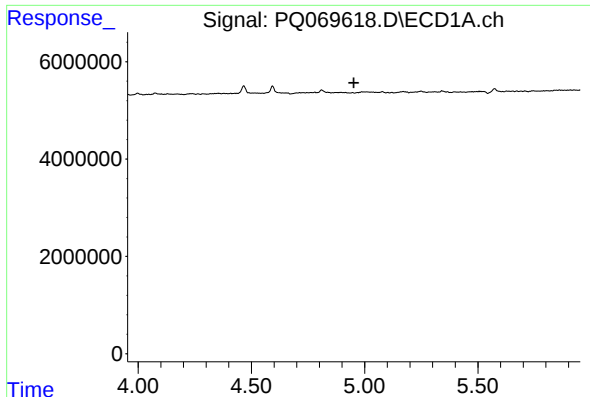
#22 AR-1248-2

R.T.: 4.810 min  
Delta R.T.: 0.046 min  
Response: 637238  
Conc: 4.93 ng/ml



#22 AR-1248-2

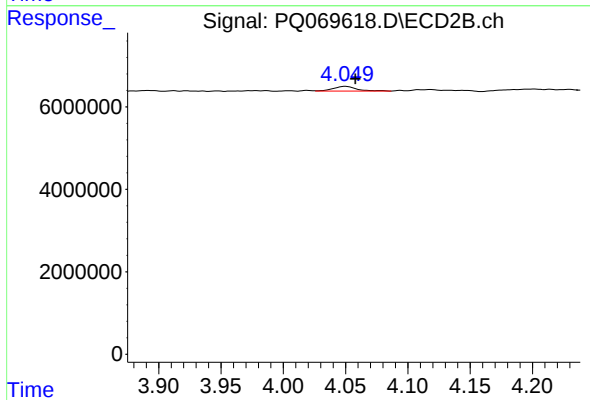
R.T.: 4.050 min  
Delta R.T.: 0.029 min  
Response: 1446994  
Conc: 7.12 ng/ml



#23 AR-1248-3

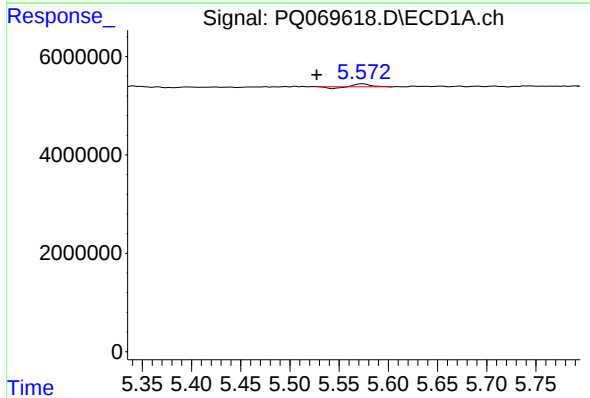
R.T.: 0.000 min  
Exp R.T.: 4.952 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



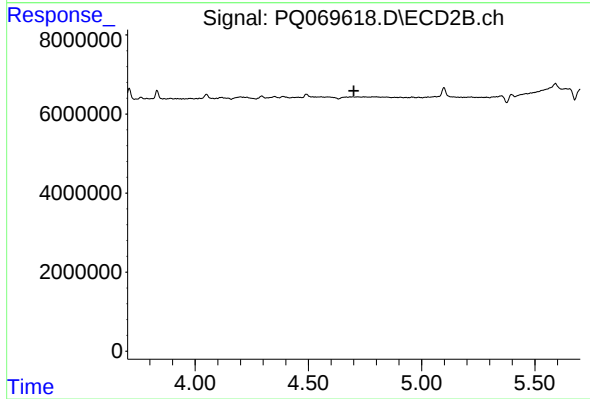
#23 AR-1248-3

R.T.: 4.050 min  
Delta R.T.: -0.008 min  
Response: 1446994  
Conc: 7.31 ng/ml



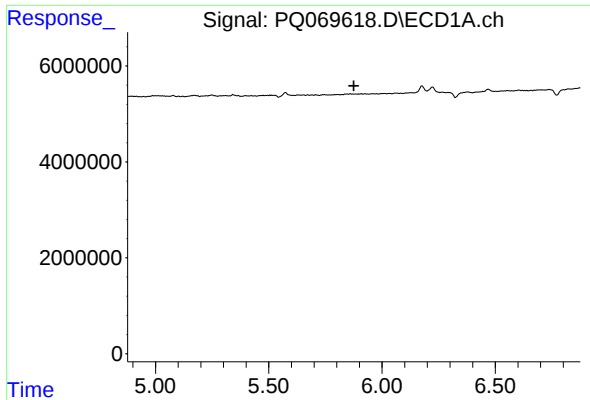
#27 AR-1254-2

R.T.: 5.573 min  
Delta R.T.: 0.046 min  
Response: 394584  
Conc: 1.43 ng/ml



#27 AR-1254-2

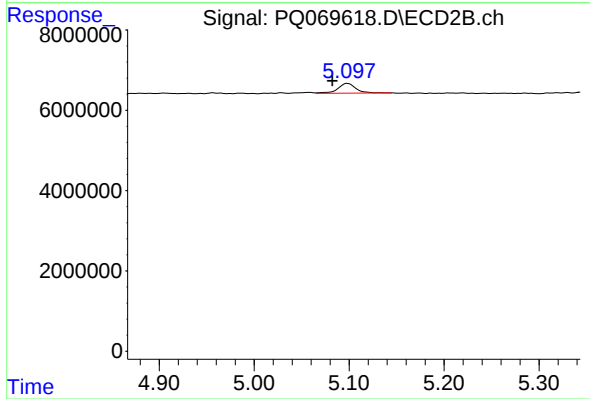
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

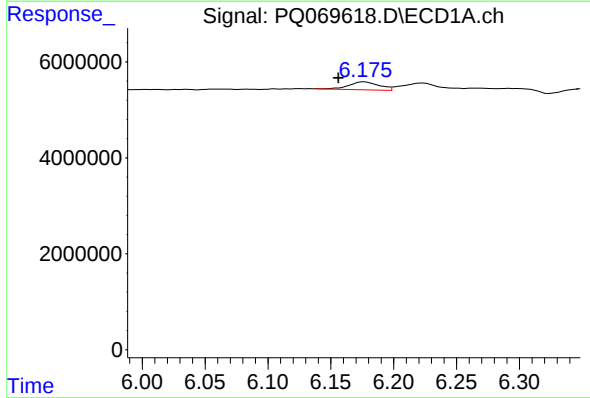
R.T.: 0.000 min  
Exp R.T.: 5.875 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



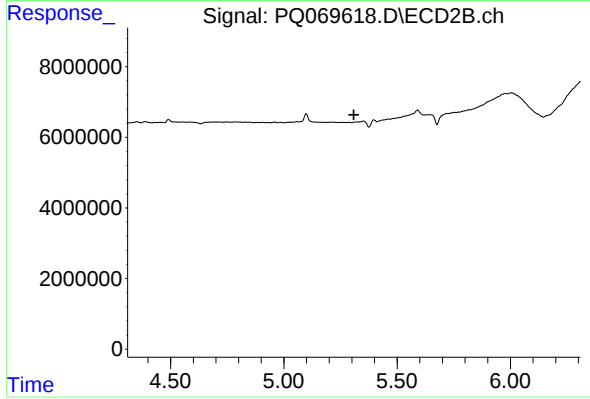
#28 AR-1254-3

R.T.: 5.098 min  
Delta R.T.: 0.016 min  
Response: 3179696  
Conc: 6.07 ng/ml



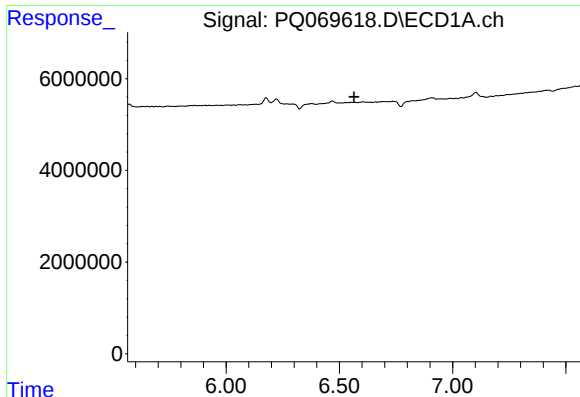
#29 AR-1254-4

R.T.: 6.176 min  
Delta R.T.: 0.020 min  
Response: 2767337  
Conc: 13.96 ng/ml



#29 AR-1254-4

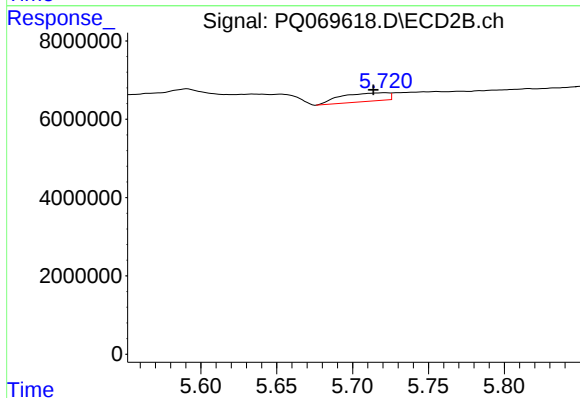
R.T.: 0.000 min  
Exp R.T.: 5.309 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

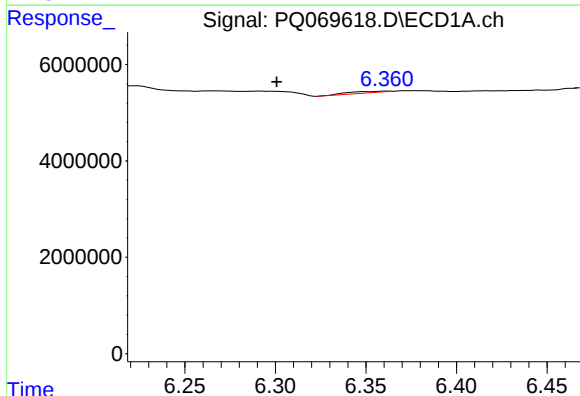
R.T.: 0.000 min  
Exp R.T.: 6.565 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



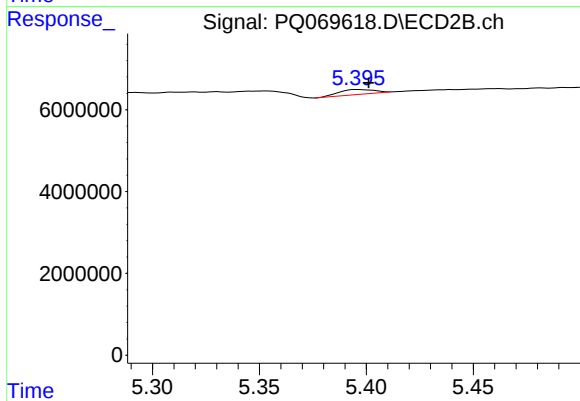
#30 AR-1254-5

R.T.: 5.721 min  
Delta R.T.: 0.007 min  
Response: 4740040  
Conc: 10.09 ng/ml



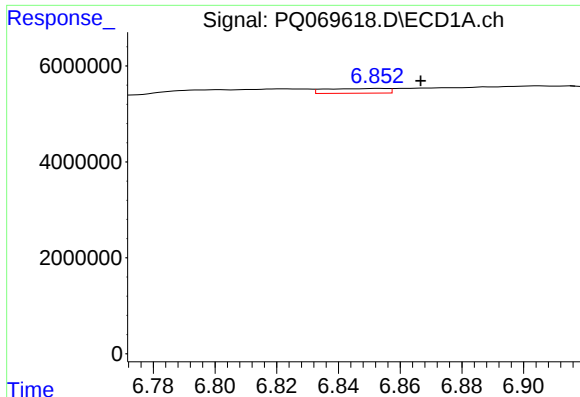
#32 AR-1260-2

R.T.: 6.361 min  
Delta R.T.: 0.060 min  
Response: 473711  
Conc: 1.92 ng/ml



#32 AR-1260-2

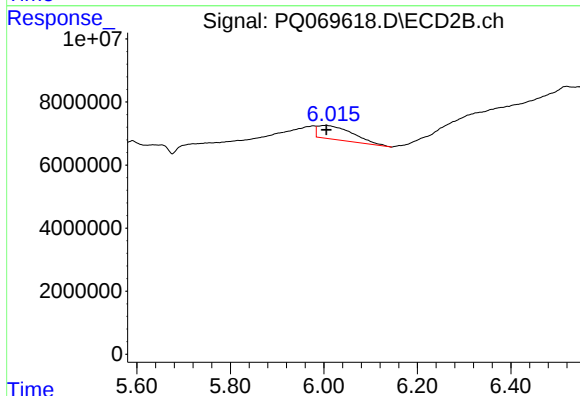
R.T.: 5.396 min  
Delta R.T.: -0.005 min  
Response: 1368186  
Conc: 3.22 ng/ml



#34 AR-1260-4

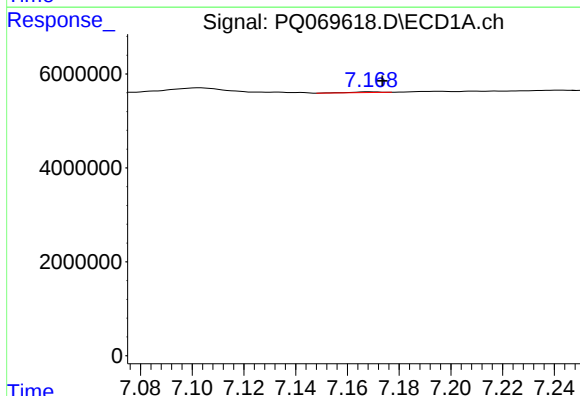
R.T.: 6.853 min  
Delta R.T.: -0.013 min  
Response: 1381186  
Conc: 6.86 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



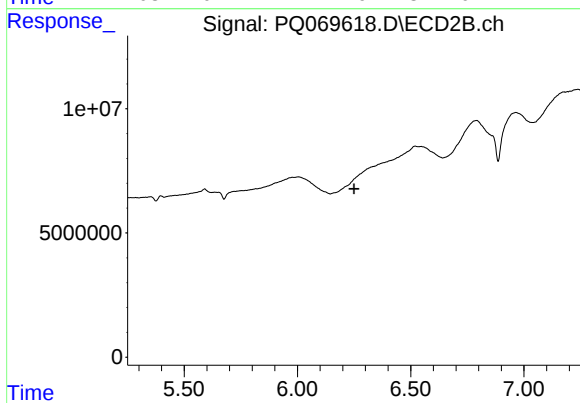
#34 AR-1260-4

R.T.: 6.005 min  
Delta R.T.: 0.000 min  
Response: 22500323  
Conc: 62.95 ng/ml



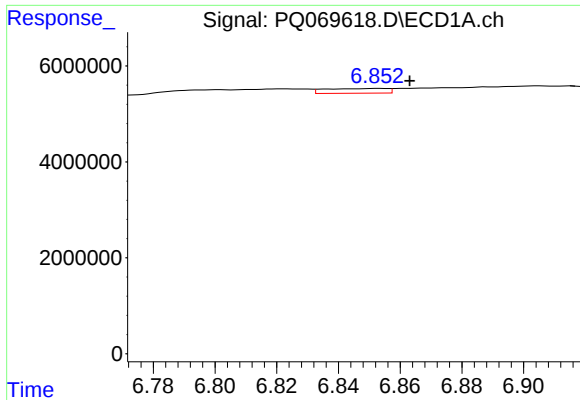
#35 AR-1260-5

R.T.: 7.169 min  
Delta R.T.: -0.005 min  
Response: 116083  
Conc: 0.29 ng/ml



#35 AR-1260-5

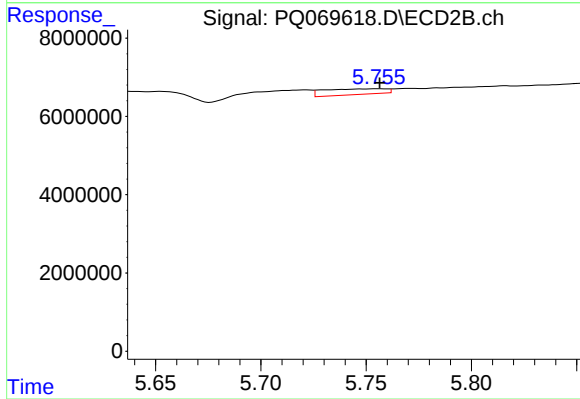
R.T.: 0.000 min  
Exp R.T. : 6.250 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

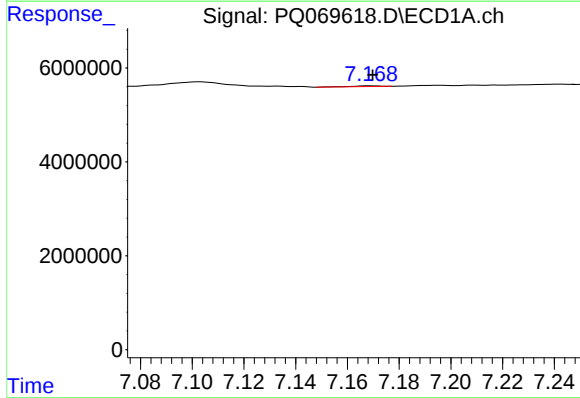
R.T.: 6.853 min  
Delta R.T.: -0.010 min  
Response: 1381186  
Conc: 5.46 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



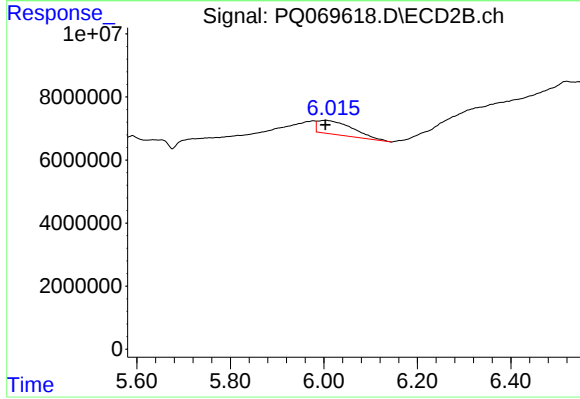
#36 AR-1262-1

R.T.: 5.755 min  
Delta R.T.: -0.001 min  
Response: 3032357  
Conc: 6.17 ng/ml



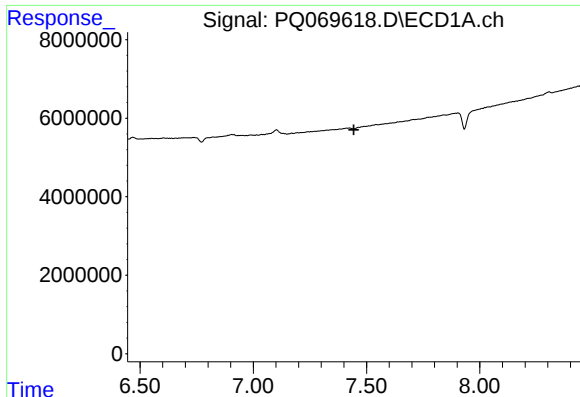
#37 AR-1262-2

R.T.: 7.169 min  
Delta R.T.: 0.000 min  
Response: 116083  
Conc: 0.26 ng/ml



#37 AR-1262-2

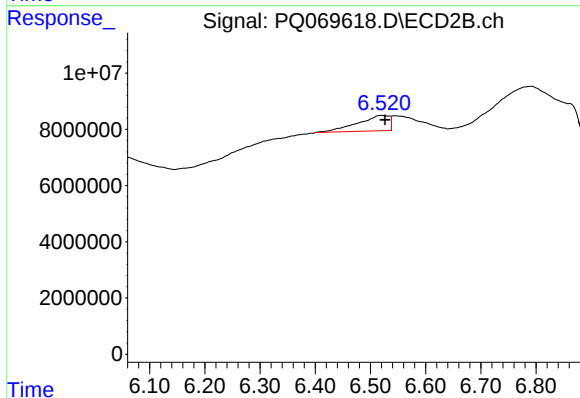
R.T.: 6.005 min  
Delta R.T.: 0.002 min  
Response: 22500323  
Conc: 49.36 ng/ml



#38 AR-1262-3

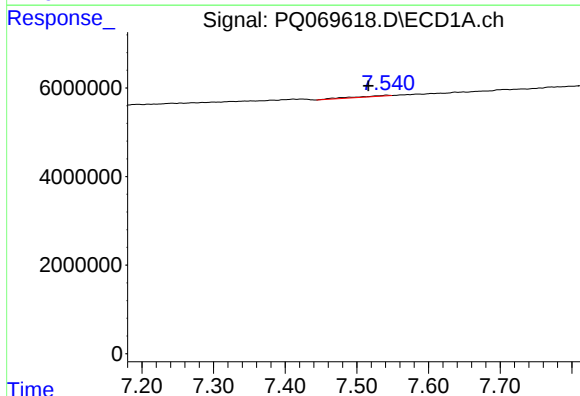
R.T.: 0.000 min  
Exp R.T.: 7.444 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



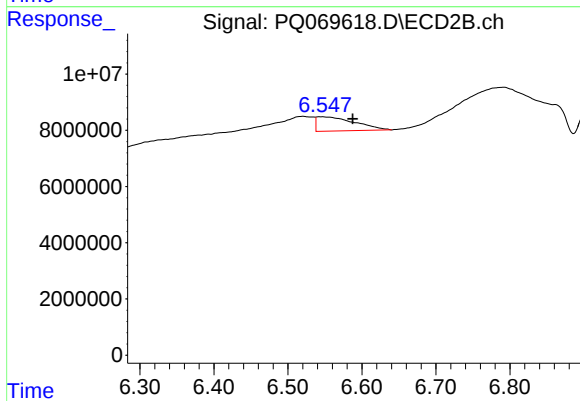
#38 AR-1262-3

R.T.: 6.520 min  
Delta R.T.: -0.006 min  
Response: 21891530  
Conc: 60.10 ng/ml



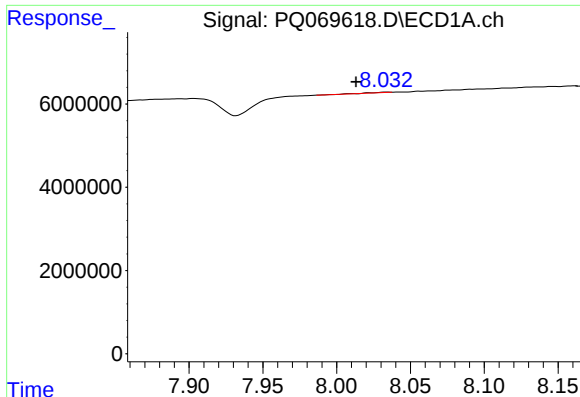
#39 AR-1262-4

R.T.: 7.541 min  
Delta R.T.: 0.026 min  
Response: 725452  
Conc: 3.11 ng/ml



#39 AR-1262-4

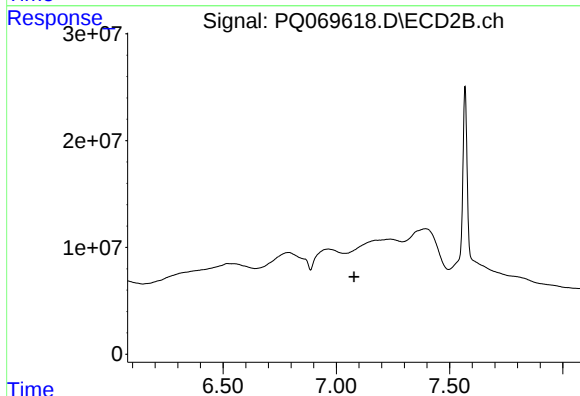
R.T.: 6.547 min  
Delta R.T.: -0.041 min  
Response: 18006105  
Conc: 27.08 ng/ml



#40 AR-1262-5

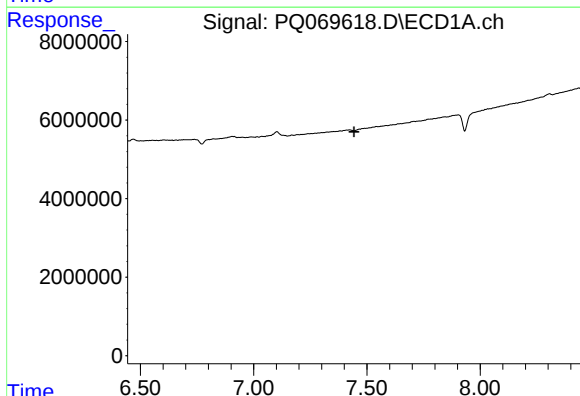
R.T.: 8.034 min  
Delta R.T.: 0.020 min  
Response: 89194  
Conc: 0.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



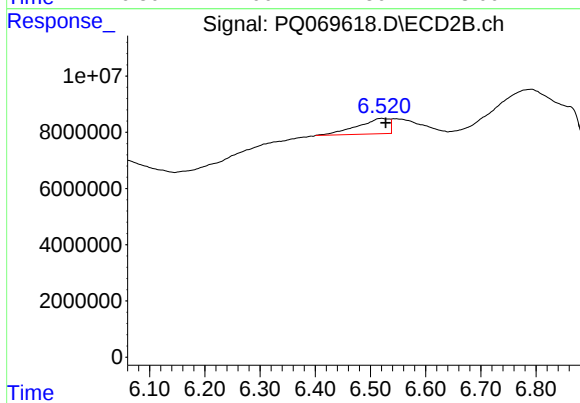
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 7.078 min  
Response: 0  
Conc: N.D.



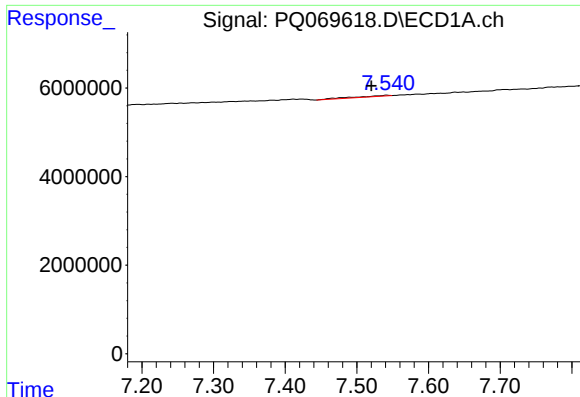
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 7.443 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

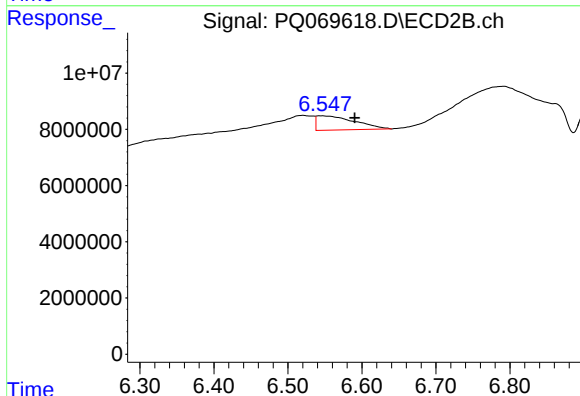
R.T.: 6.520 min  
Delta R.T.: -0.007 min  
Response: 21891530  
Conc: 21.25 ng/ml



#42 AR-1268-2

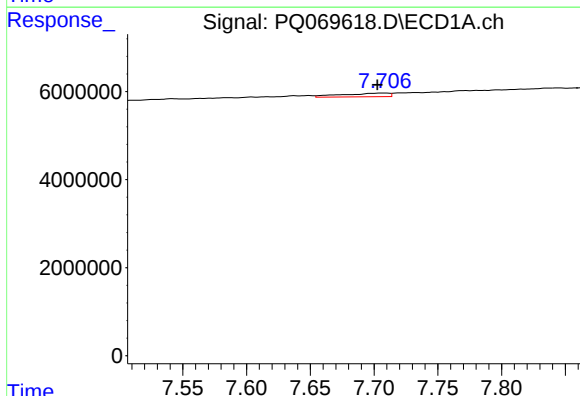
R.T.: 7.541 min  
Delta R.T.: 0.021 min  
Response: 725452  
Conc: 1.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



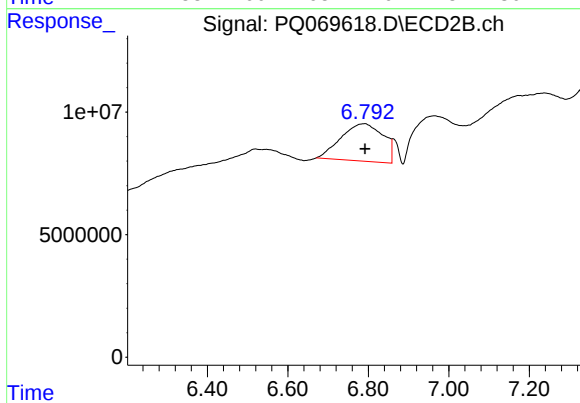
#42 AR-1268-2

R.T.: 6.547 min  
Delta R.T.: -0.043 min  
Response: 18006105  
Conc: 18.84 ng/ml



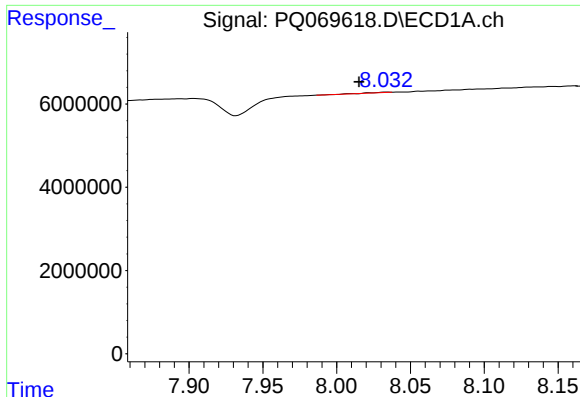
#43 AR-1268-3

R.T.: 7.707 min  
Delta R.T.: 0.004 min  
Response: 2038025  
Conc: 5.05 ng/ml



#43 AR-1268-3

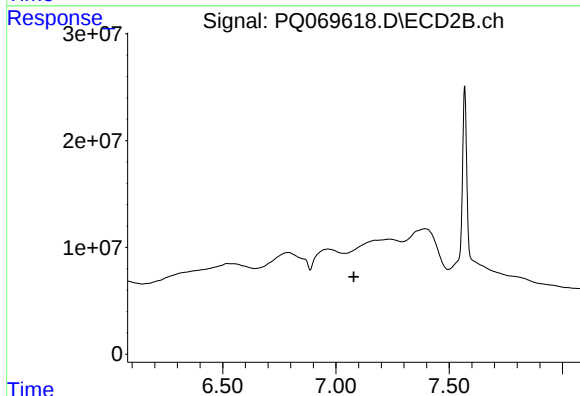
R.T.: 6.792 min  
Delta R.T.: 0.000 min  
Response: 111164734  
Conc: 136.44 ng/ml



#44 AR-1268-4

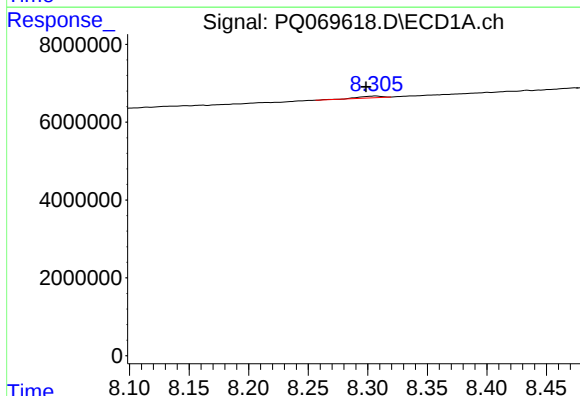
R.T.: 8.034 min  
Delta R.T.: 0.019 min  
Response: 89194  
Conc: 0.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



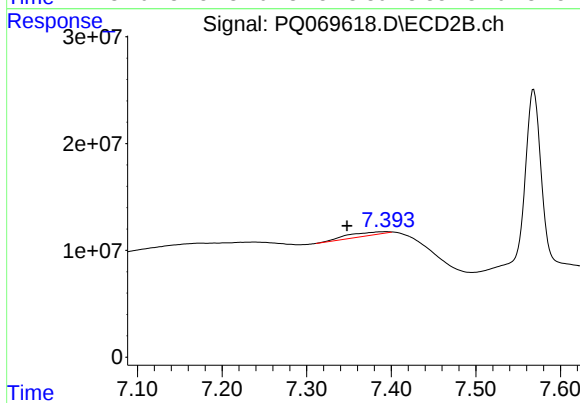
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 7.079 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.307 min  
Delta R.T.: 0.008 min  
Response: 639369  
Conc: 0.55 ng/ml



#45 AR-1268-5

R.T.: 7.395 min  
Delta R.T.: 0.047 min  
Response: 11470355  
Conc: 4.85 ng/ml