

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ111924\  
 Data File : PQ069467.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Nov 2024 11:49  
 Operator : YP\AJ  
 Sample : P4886-08  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 PCB-GPC-BLANK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 05:49:22 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ111824CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 19 03:24:00 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 |                 |        |        |         |          |        |          |
| 2)                          | SA Decachlor... | 0.000  | 7.482  | 0       | 3333599  | N.D.   | 0.497 #  |
| Target Compounds            |                 |        |        |         |          |        |          |
| 3)                          | L1 AR-1016-1    | 4.464f | 0.000  | 684488  | 0        | 3.067  | N.D. #   |
| 4)                          | L1 AR-1016-2    | 4.464  | 0.000  | 684488  | 0        | 2.033  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 4.511  | 0.000  | 456813  | 0        | 2.212  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 4.578  | 0.000  | 52293   | 0        | 0.305  | N.D. #   |
| 7)                          | L1 AR-1016-5    | 0.000  | 4.100f | 0       | 345095   | N.D.   | 1.160 #  |
| 13)                         | L3 AR-1232-3    | 4.464  | 0.000  | 684488  | 0        | 4.719  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 4.578  | 4.048f | 52293   | 3265288  | 0.705  | 30.986 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 4.100f | 0       | 345095   | N.D.   | 2.712 #  |
| 16)                         | L4 AR-1242-1    | 4.464f | 0.000  | 684488  | 0        | 3.969  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 4.464  | 0.000  | 684488  | 0        | 2.595  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 4.511  | 0.000  | 456813  | 0        | 2.794  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 4.578  | 4.048f | 52293   | 3265288  | 0.384  | 14.637 # |
| 20)                         | L4 AR-1242-5    | 5.352f | 4.502  | 4236748 | 4166988  | 29.810 | 12.990 # |
| 21)                         | L5 AR-1248-1    | 4.464f | 0.000  | 684488  | 0        | 5.496  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.048f | 0       | 3265288  | N.D.   | 9.990 #  |
| 24)                         | L5 AR-1248-4    | 5.254  | 4.100f | 4484573 | 345095   | 19.215 | 0.834 #  |
| 25)                         | L5 AR-1248-5    | 5.352f | 4.502  | 4236748 | 4166988  | 17.625 | 9.448 #  |
| 26)                         | L6 AR-1254-1    | 5.254  | 4.502  | 4484573 | 4166988  | 18.508 | 6.603 #  |
| 27)                         | L6 AR-1254-2    | 5.467  | 4.630  | 4269272 | 2353952  | 11.361 | 4.287 #  |
| 28)                         | L6 AR-1254-3    | 5.805  | 5.014  | 3924089 | 10364443 | 9.415  | 11.545   |
| 29)                         | L6 AR-1254-4    | 6.070  | 5.230  | 1411435 | 2205836  | 4.450  | 3.779    |
| 30)                         | L6 AR-1254-5    | 6.515  | 5.636  | 3396167 | 4715866  | 9.977  | 5.654 #  |
| 31)                         | L7 AR-1260-1    | 5.942  | 5.133  | 2308259 | 3122617  | 7.532  | 5.608 #  |
| 32)                         | L7 AR-1260-2    | 6.244  | 5.322  | 5314148 | 2789571  | 14.127 | 4.063 #  |
| 33)                         | L7 AR-1260-3    | 6.573  | 5.460  | 548282  | 2834489  | 1.974  | 4.307 #  |
| 34)                         | L7 AR-1260-4    | 6.812  | 5.929  | 459931  | 1933575  | 1.475  | 3.369 #  |
| 35)                         | L7 AR-1260-5    | 7.130  | 6.170  | 706463  | 2355061  | 1.090  | 1.736 #  |
| 36)                         | L8 AR-1262-1    | 6.812  | 5.676  | 459931  | 3959558  | 1.230  | 4.437 #  |
| 37)                         | L8 AR-1262-2    | 7.130  | 5.929  | 706463  | 1933575  | 0.988  | 2.331 #  |
| 38)                         | L8 AR-1262-3    | 7.411  | 6.424  | 803143  | 1160306  | 1.740  | 1.734    |
| 39)                         | L8 AR-1262-4    | 7.411f | 6.503  | 803143  | 3438122  | 2.355  | 2.746    |
| 40)                         | L8 AR-1262-5    | 0.000  | 7.036f | 0       | 172363   | N.D.   | 0.290 #  |
| 41)                         | L9 AR-1268-1    | 7.411  | 6.424  | 803143  | 1160306  | 1.062  | 0.622 #  |
| 42)                         | L9 AR-1268-2    | 7.411f | 6.503  | 803143  | 3438122  | 1.168  | 1.948 #  |
| 43)                         | L9 AR-1268-3    | 7.649  | 6.664f | 170217  | 199668   | 0.300  | 0.132 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 7.036f | 0       | 172363   | N.D.   | 0.268 #  |
| 45)                         | L9 AR-1268-5    | 8.294f | 7.272  | 546799  | 944560   | 0.305  | 0.196 #  |
| -----                       |                 |        |        |         |          |        |          |

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

**Instrument :**

ECD\_Q

**ClientSampleId :**

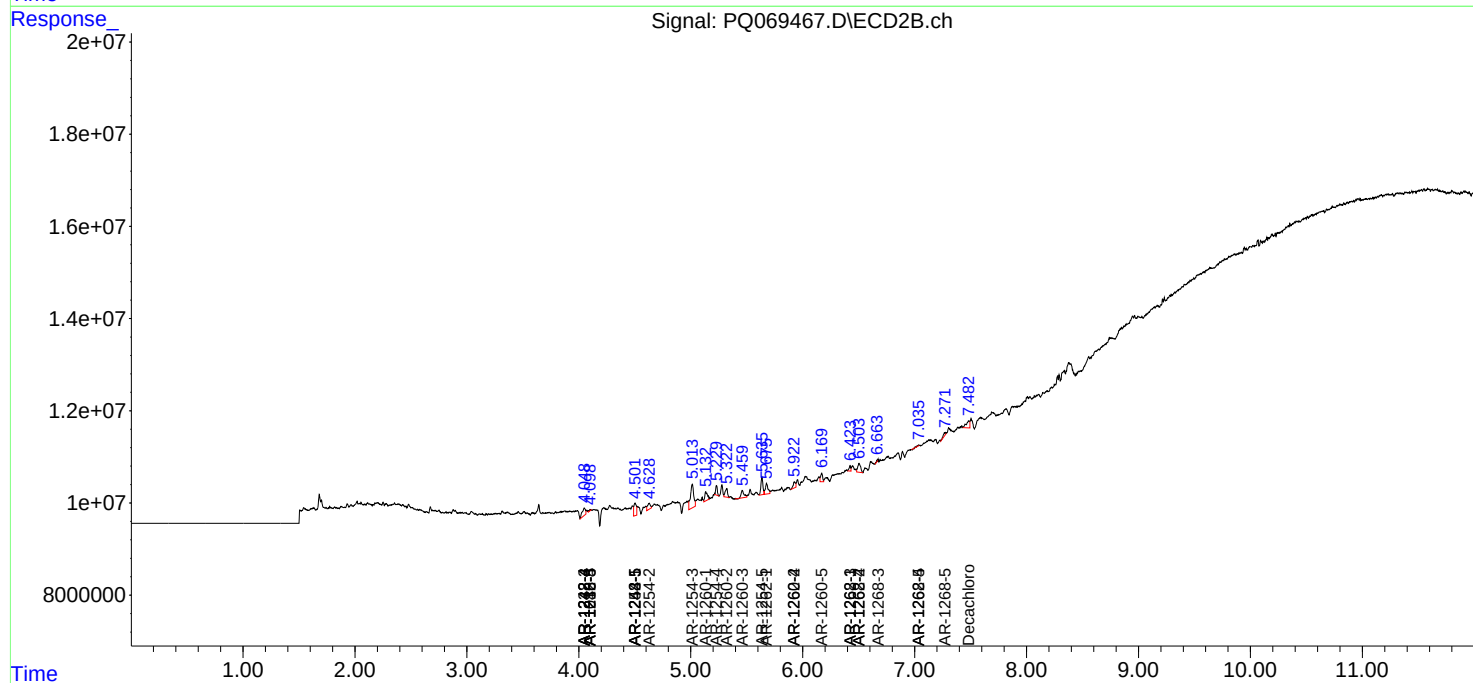
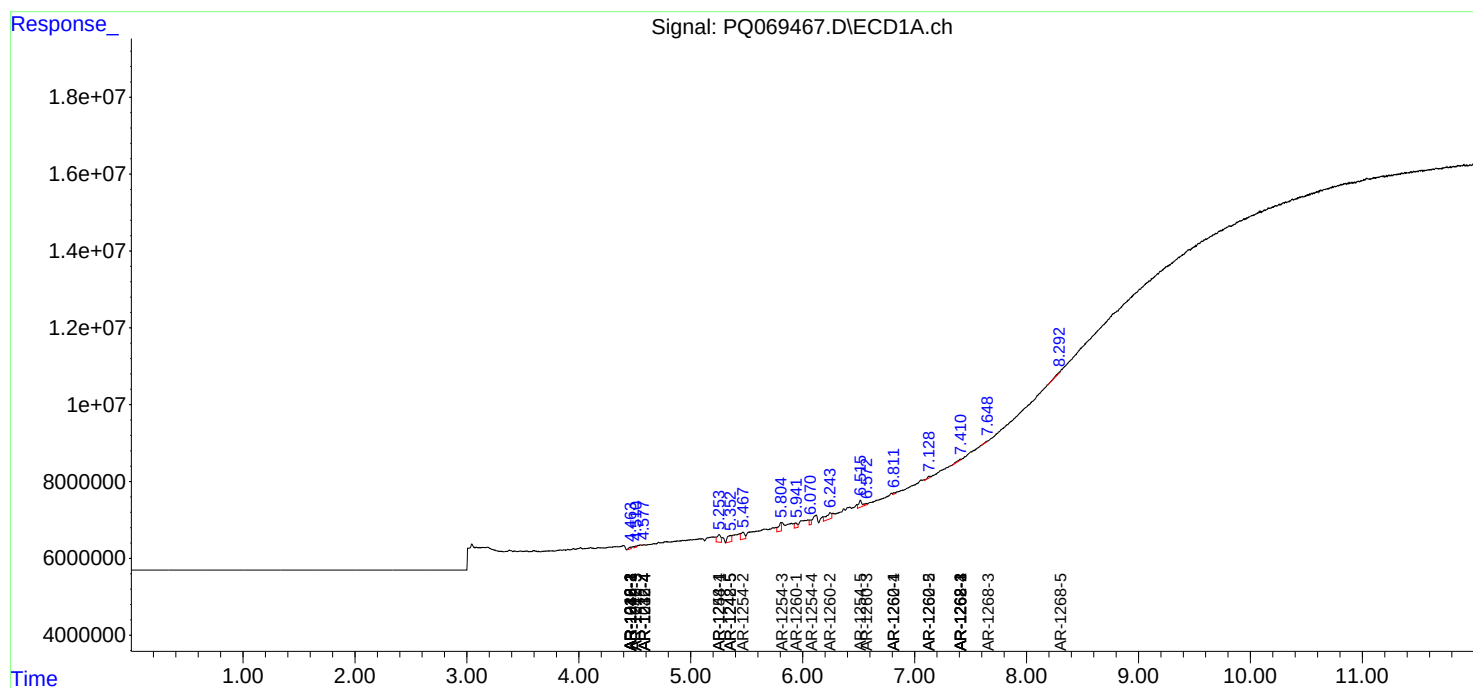
PCB-GPC-BLANK

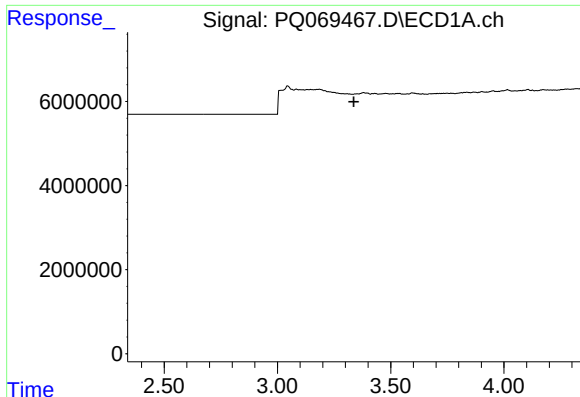
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ111924\  
Data File : PQ069467.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Nov 2024 11:49  
Operator : YP\AJ  
Sample : P4886-08  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 05:49:22 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ111824CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 19 03:24:00 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

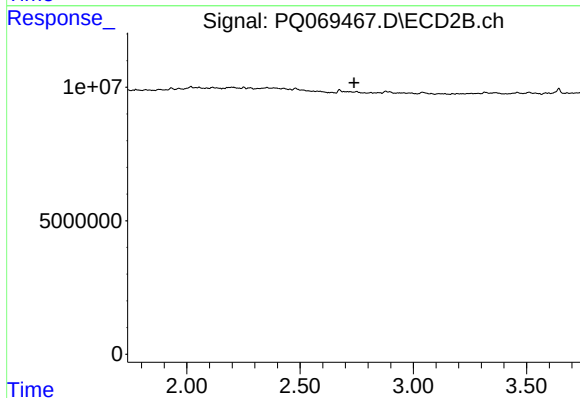




#1 Tetrachloro-m-xylene

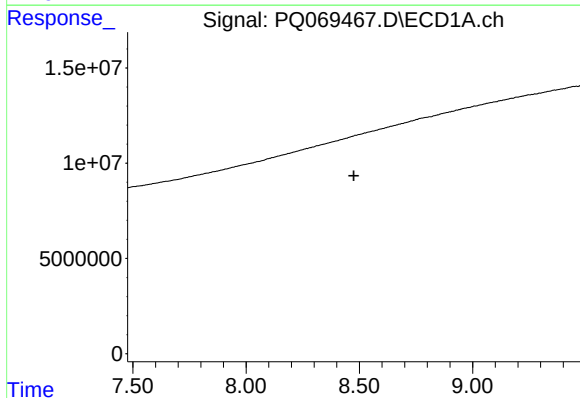
R.T.: 0.000 min  
Exp R.T. : 3.337 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



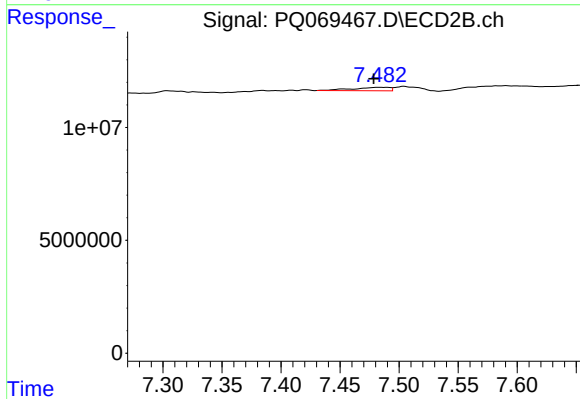
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 2.738 min  
Response: 0  
Conc: N.D.



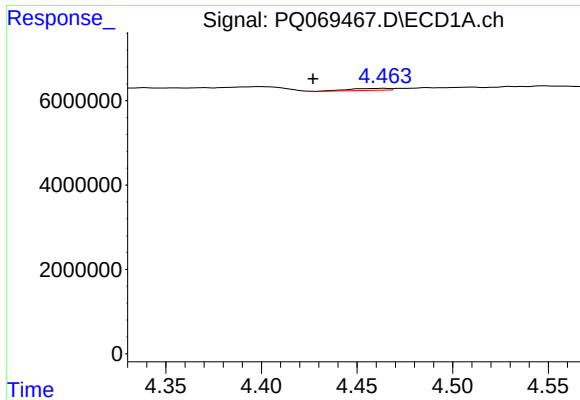
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 8.476 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

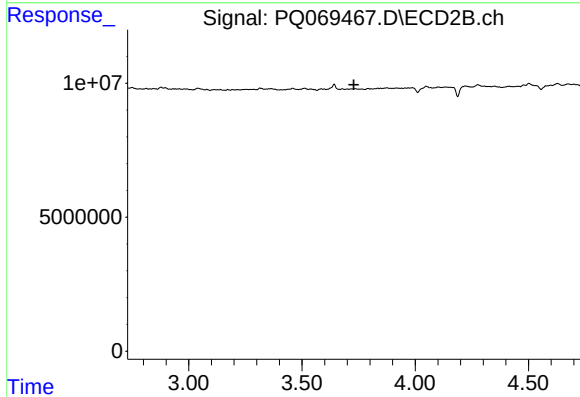
R.T.: 7.482 min  
Delta R.T.: 0.004 min  
Response: 3333599  
Conc: 0.50 ng/ml



#3 AR-1016-1

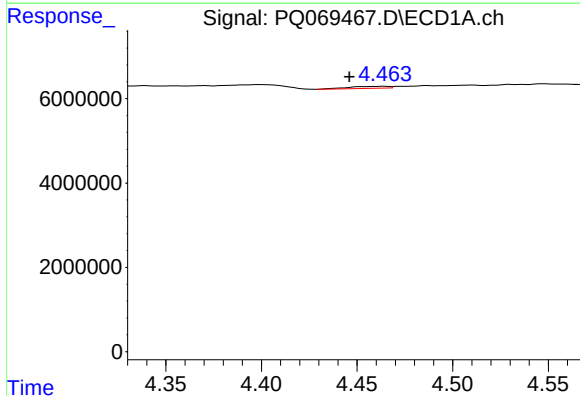
R.T.: 4.464 min  
Delta R.T.: 0.037 min  
Response: 684488  
Conc: 3.07 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



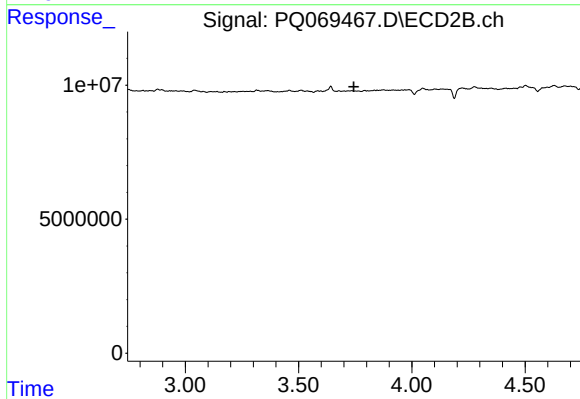
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 3.729 min  
Response: 0  
Conc: N.D.



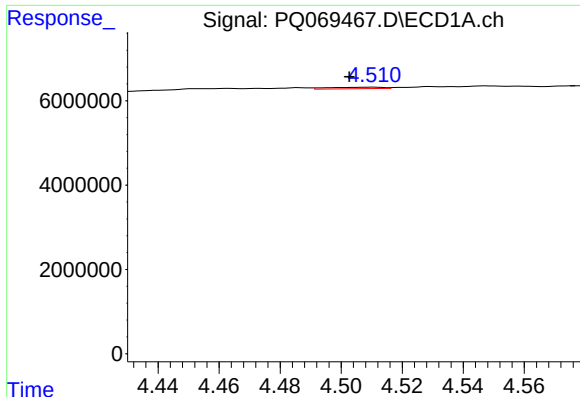
#4 AR-1016-2

R.T.: 4.464 min  
Delta R.T.: 0.018 min  
Response: 684488  
Conc: 2.03 ng/ml



#4 AR-1016-2

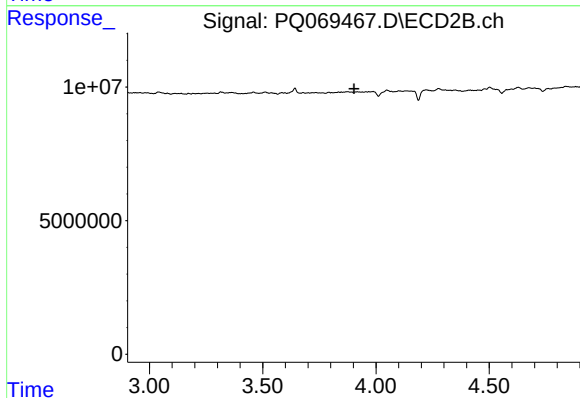
R.T.: 0.000 min  
Exp R.T. : 3.744 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

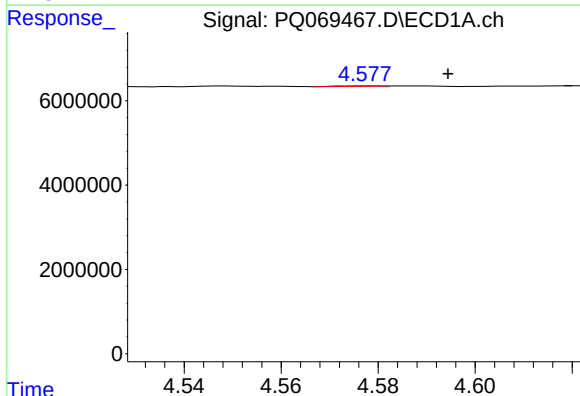
R.T.: 4.511 min  
Delta R.T.: 0.008 min  
Response: 456813  
Conc: 2.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



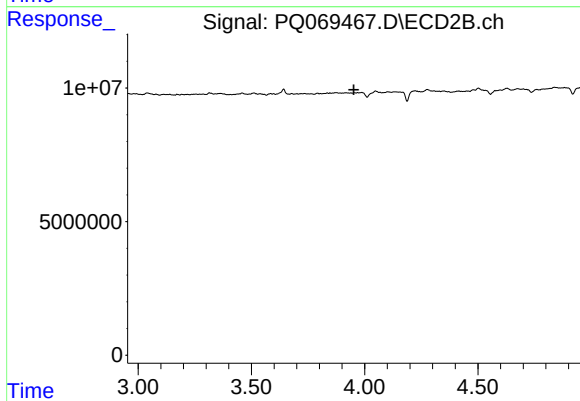
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 3.903 min  
Response: 0  
Conc: N.D.



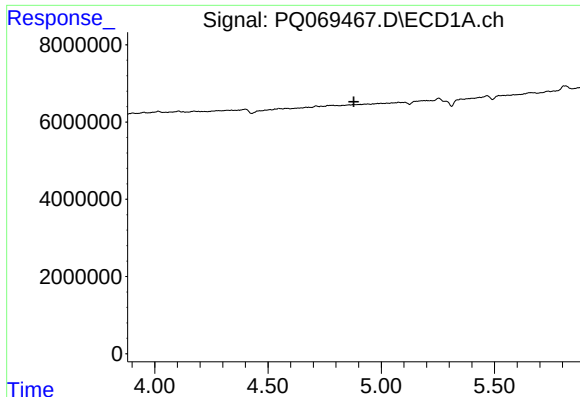
#6 AR-1016-4

R.T.: 4.578 min  
Delta R.T.: -0.017 min  
Response: 52293  
Conc: 0.31 ng/ml



#6 AR-1016-4

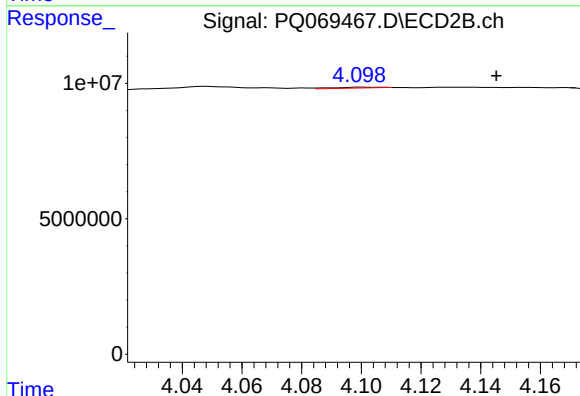
R.T.: 0.000 min  
Exp R.T. : 3.952 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

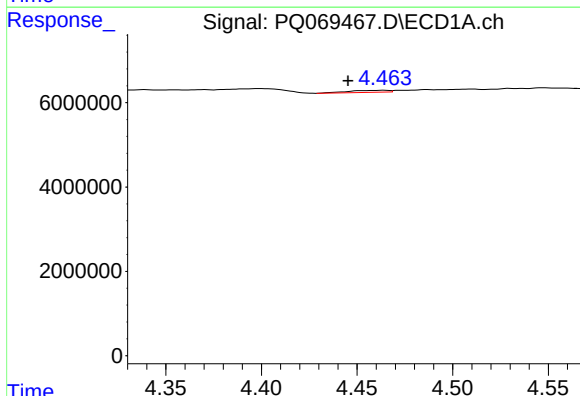
R.T.: 0.000 min  
Exp R.T.: 4.879 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



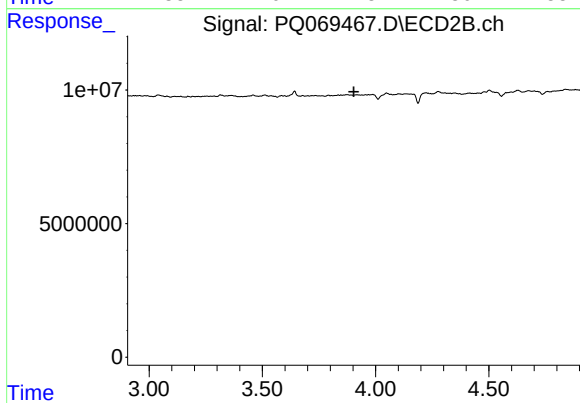
#7 AR-1016-5

R.T.: 4.100 min  
Delta R.T.: -0.046 min  
Response: 345095  
Conc: 1.16 ng/ml



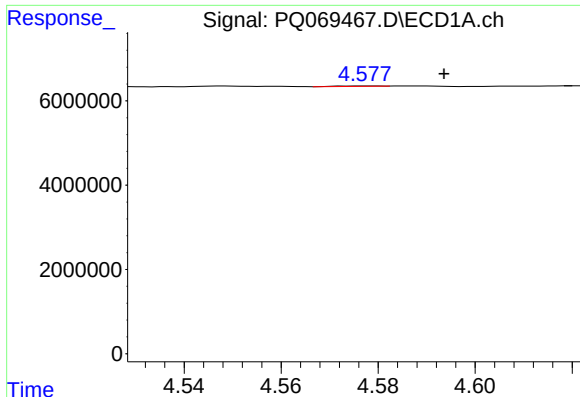
#13 AR-1232-3

R.T.: 4.464 min  
Delta R.T.: 0.019 min  
Response: 684488  
Conc: 4.72 ng/ml



#13 AR-1232-3

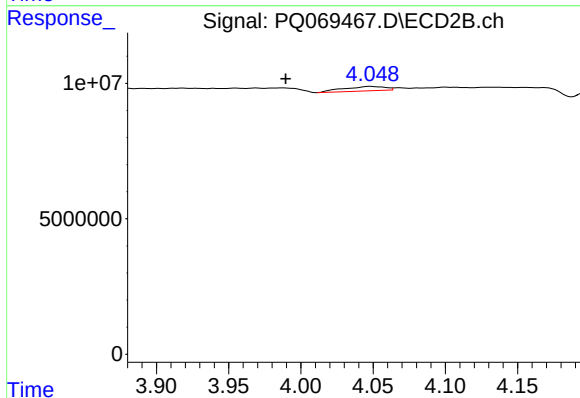
R.T.: 0.000 min  
Exp R.T.: 3.904 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

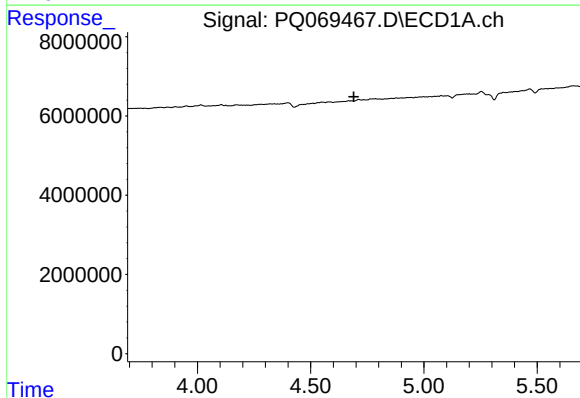
R.T.: 4.578 min  
Delta R.T.: -0.016 min  
Response: 52293  
Conc: 0.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



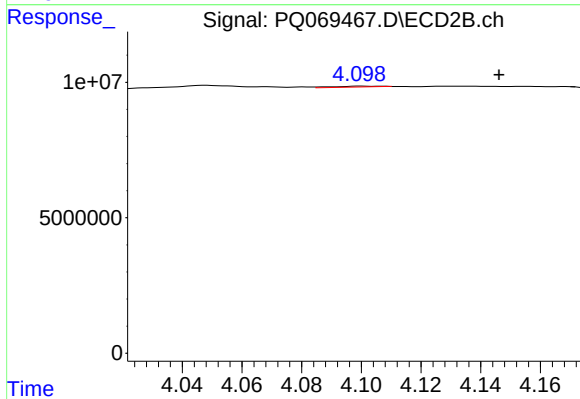
#14 AR-1232-4

R.T.: 4.048 min  
Delta R.T.: 0.059 min  
Response: 3265288  
Conc: 30.99 ng/ml



#15 AR-1232-5

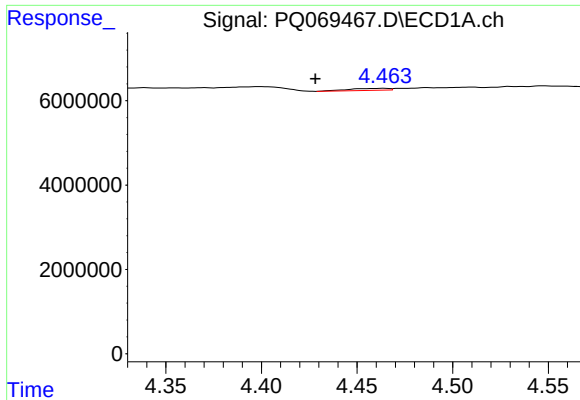
R.T.: 0.000 min  
Exp R.T. : 4.690 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

R.T.: 4.100 min  
Delta R.T.: -0.046 min  
Response: 345095  
Conc: 2.71 ng/ml

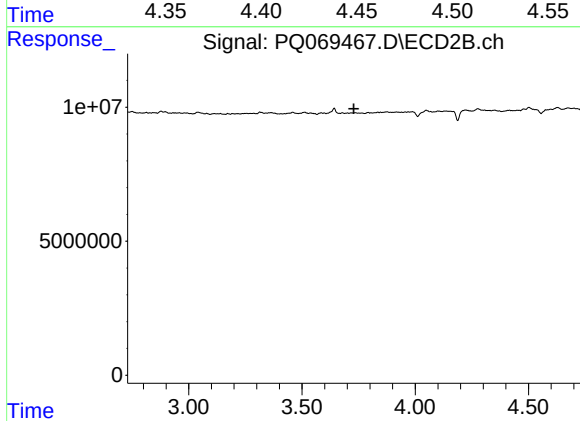




#16 AR-1242-1

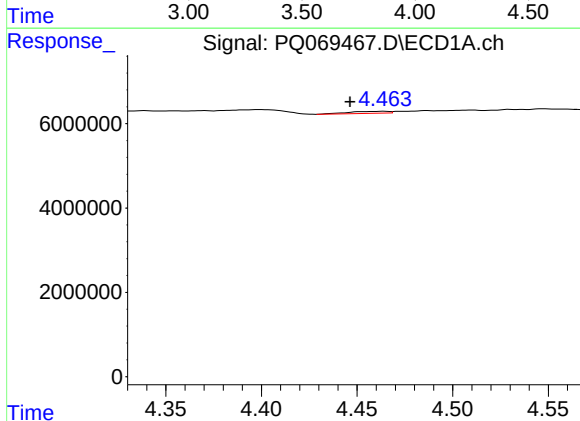
R.T.: 4.464 min  
Delta R.T.: 0.036 min  
Response: 684488  
Conc: 3.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



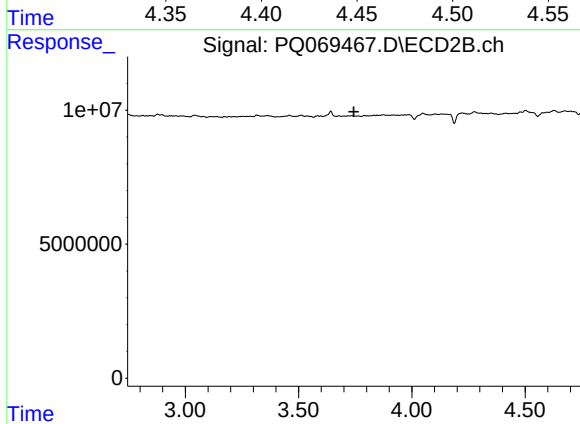
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 3.729 min  
Response: 0  
Conc: N.D.



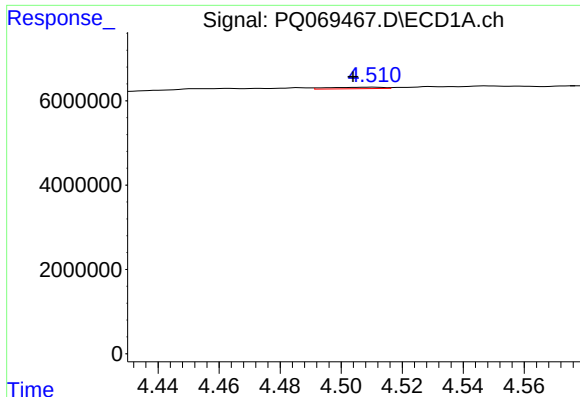
#17 AR-1242-2

R.T.: 4.464 min  
Delta R.T.: 0.018 min  
Response: 684488  
Conc: 2.60 ng/ml



#17 AR-1242-2

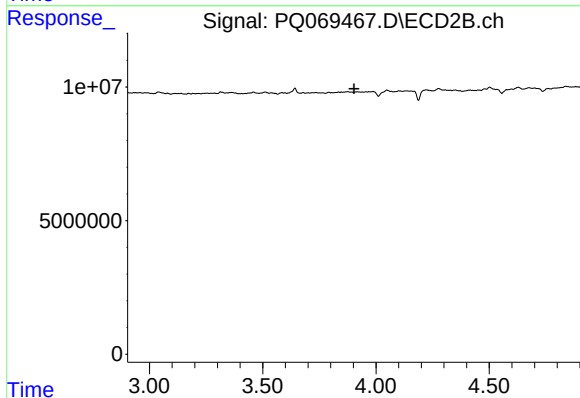
R.T.: 0.000 min  
Exp R.T. : 3.744 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

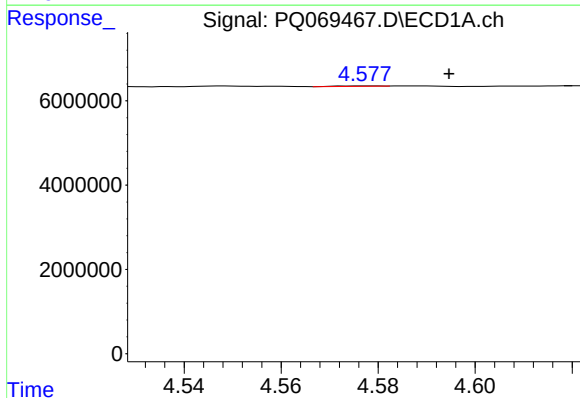
R.T.: 4.511 min  
Delta R.T.: 0.007 min  
Response: 456813  
Conc: 2.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



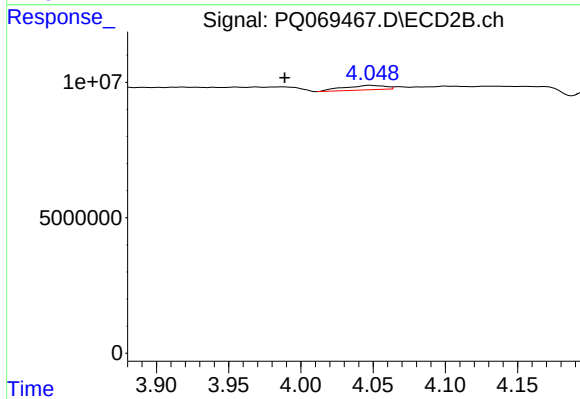
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 3.903 min  
Response: 0  
Conc: N.D.



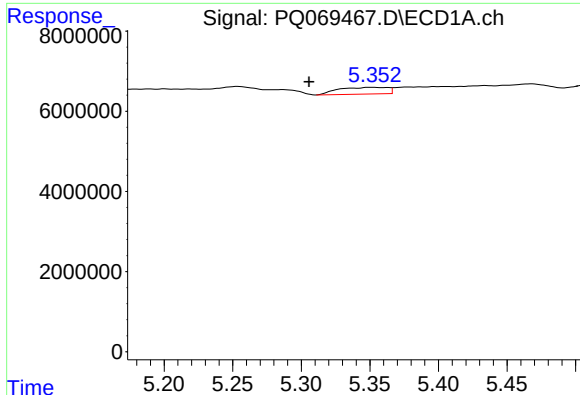
#19 AR-1242-4

R.T.: 4.578 min  
Delta R.T.: -0.017 min  
Response: 52293  
Conc: 0.38 ng/ml



#19 AR-1242-4

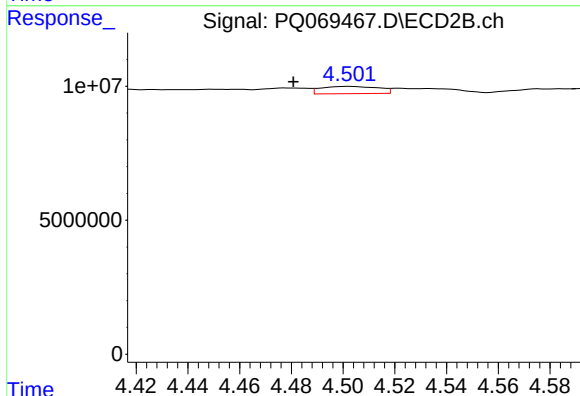
R.T.: 4.048 min  
Delta R.T.: 0.059 min  
Response: 3265288  
Conc: 14.64 ng/ml



#20 AR-1242-5

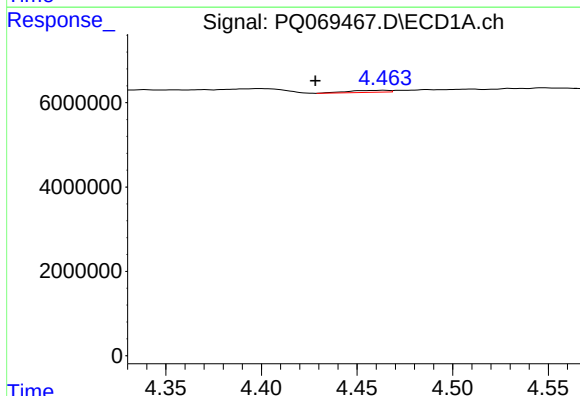
R.T.: 5.352 min  
Delta R.T.: 0.046 min  
Response: 4236748  
Conc: 29.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



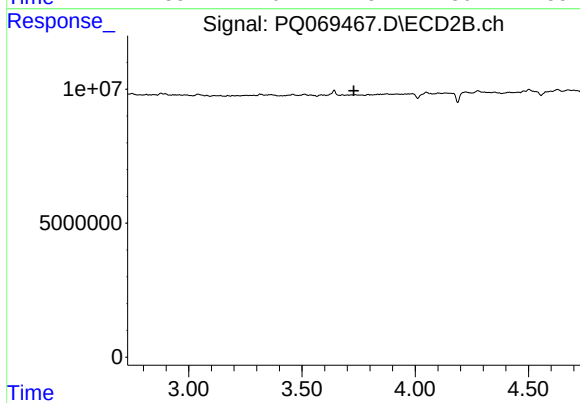
#20 AR-1242-5

R.T.: 4.502 min  
Delta R.T.: 0.021 min  
Response: 4166988  
Conc: 12.99 ng/ml



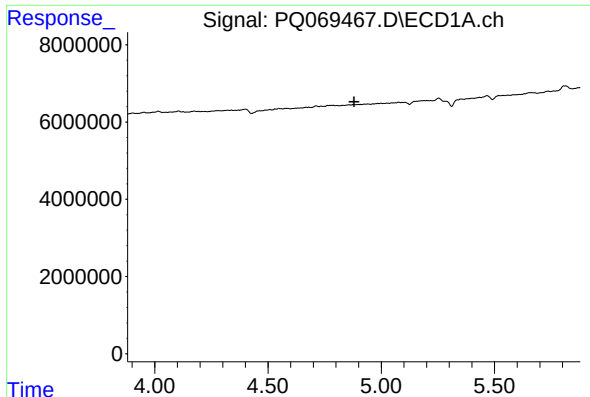
#21 AR-1248-1

R.T.: 4.464 min  
Delta R.T.: 0.036 min  
Response: 684488  
Conc: 5.50 ng/ml



#21 AR-1248-1

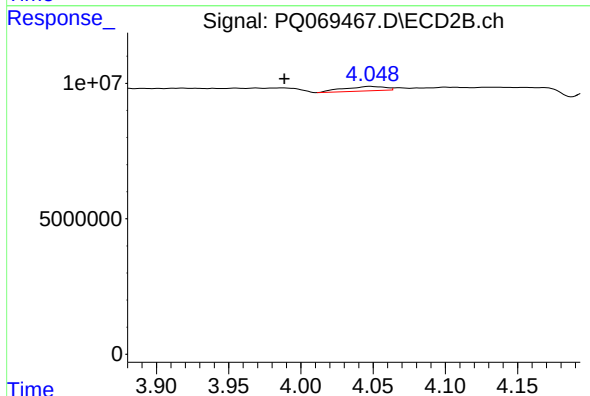
R.T.: 0.000 min  
Exp R.T.: 3.729 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

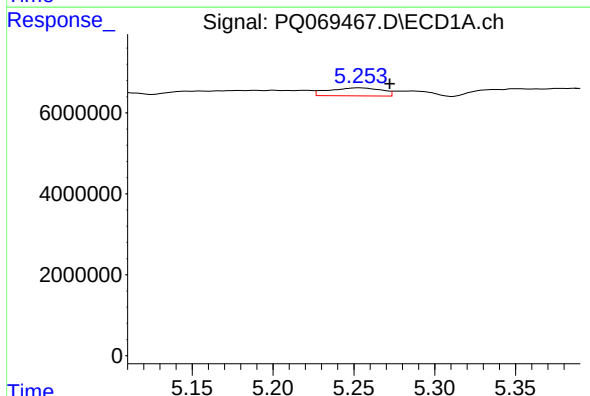
R.T.: 0.000 min  
Exp R.T.: 4.880 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



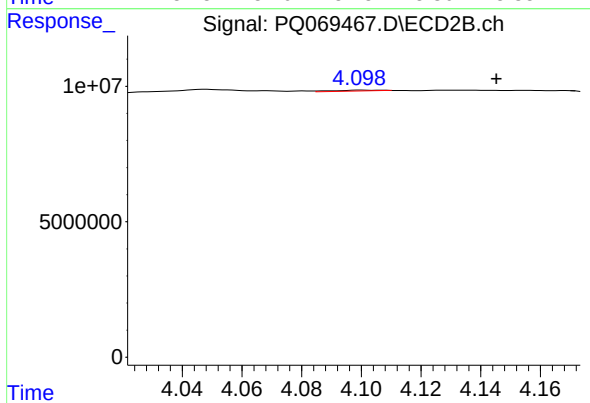
#23 AR-1248-3

R.T.: 4.048 min  
Delta R.T.: 0.060 min  
Response: 3265288  
Conc: 9.99 ng/ml



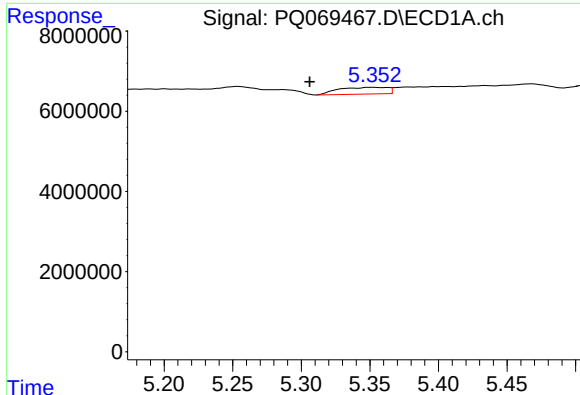
#24 AR-1248-4

R.T.: 5.254 min  
Delta R.T.: -0.019 min  
Response: 4484573  
Conc: 19.21 ng/ml



#24 AR-1248-4

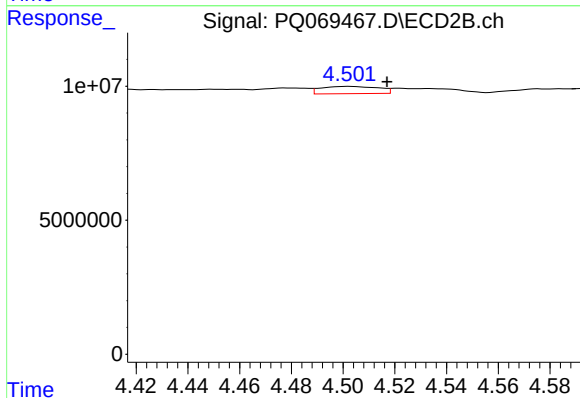
R.T.: 4.100 min  
Delta R.T.: -0.046 min  
Response: 345095  
Conc: 0.83 ng/ml



#25 AR-1248-5

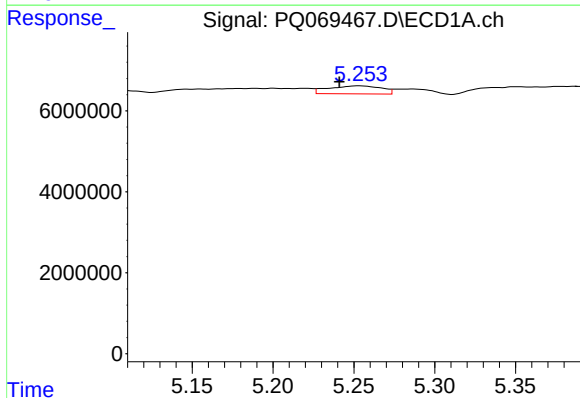
R.T.: 5.352 min  
Delta R.T.: 0.046 min  
Response: 4236748  
Conc: 17.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



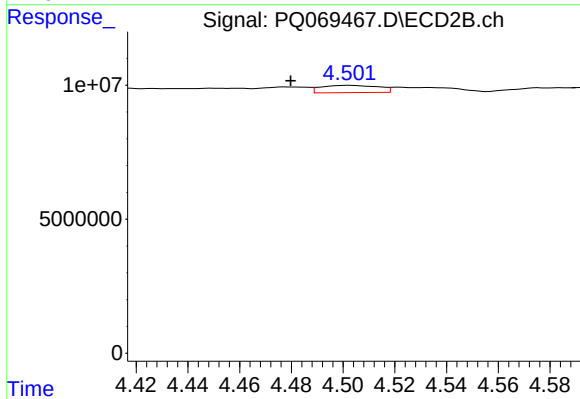
#25 AR-1248-5

R.T.: 4.502 min  
Delta R.T.: -0.015 min  
Response: 4166988  
Conc: 9.45 ng/ml



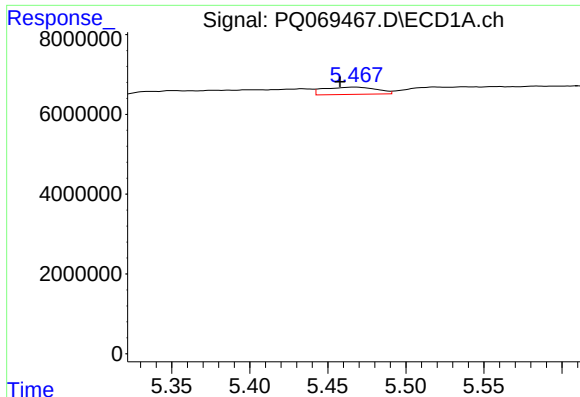
#26 AR-1254-1

R.T.: 5.254 min  
Delta R.T.: 0.013 min  
Response: 4484573  
Conc: 18.51 ng/ml



#26 AR-1254-1

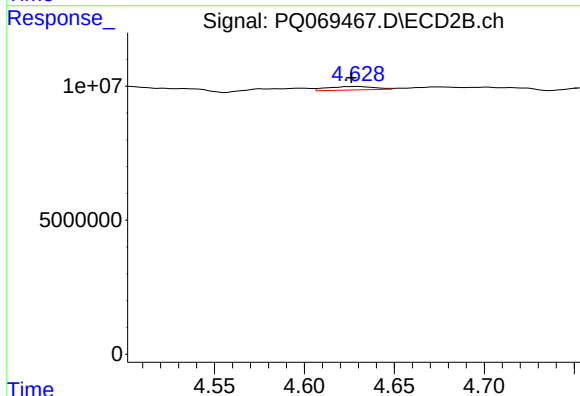
R.T.: 4.502 min  
Delta R.T.: 0.022 min  
Response: 4166988  
Conc: 6.60 ng/ml



#27 AR-1254-2

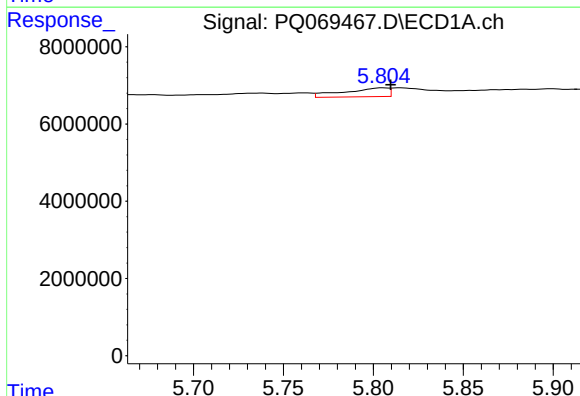
R.T.: 5.467 min  
Delta R.T.: 0.010 min  
Response: 4269272  
Conc: 11.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



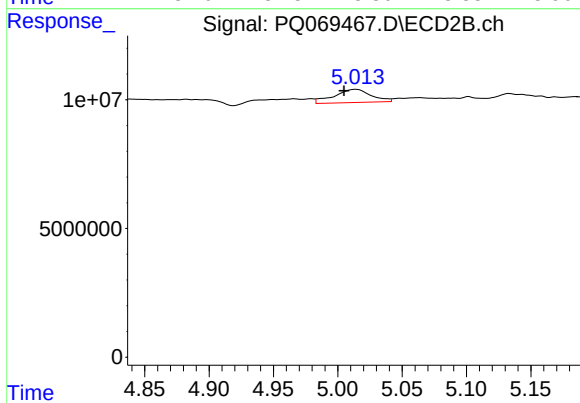
#27 AR-1254-2

R.T.: 4.630 min  
Delta R.T.: 0.004 min  
Response: 2353952  
Conc: 4.29 ng/ml



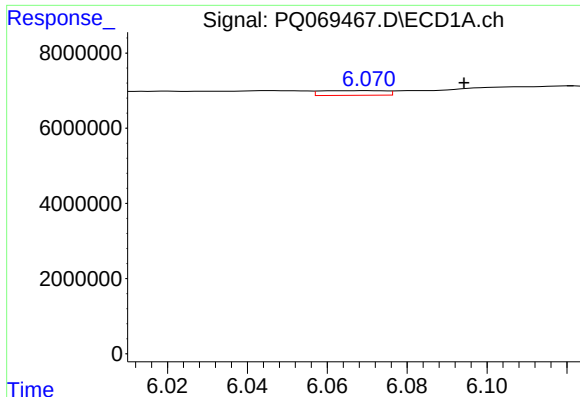
#28 AR-1254-3

R.T.: 5.805 min  
Delta R.T.: -0.004 min  
Response: 3924089  
Conc: 9.41 ng/ml



#28 AR-1254-3

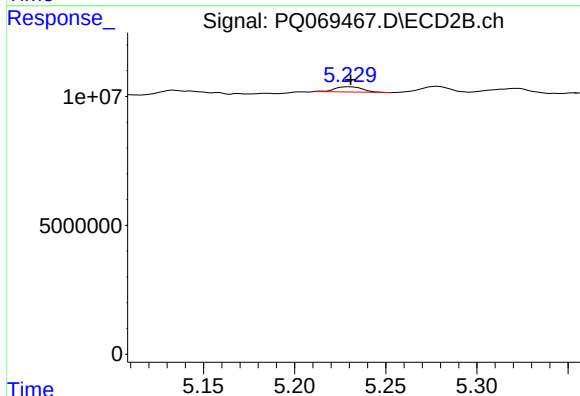
R.T.: 5.014 min  
Delta R.T.: 0.009 min  
Response: 10364443  
Conc: 11.54 ng/ml



#29 AR-1254-4

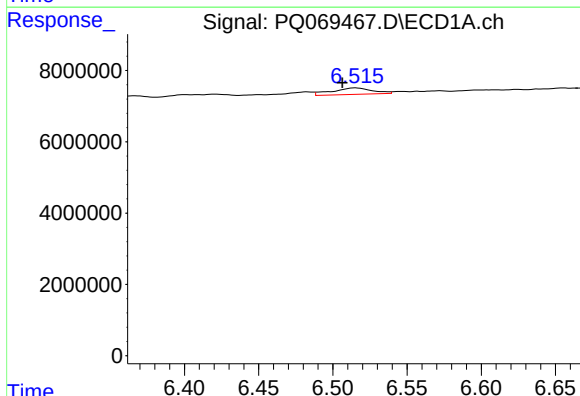
R.T.: 6.070 min  
Delta R.T.: -0.024 min  
Response: 1411435  
Conc: 4.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



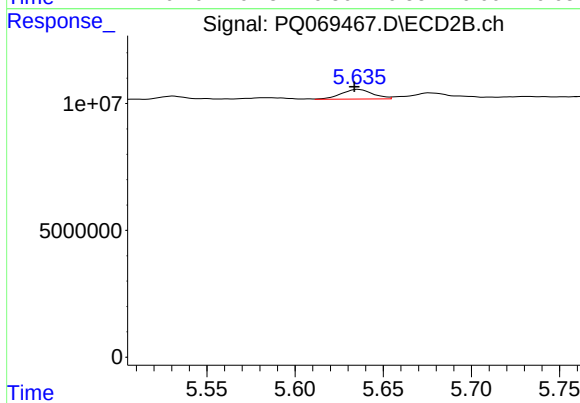
#29 AR-1254-4

R.T.: 5.230 min  
Delta R.T.: -0.001 min  
Response: 2205836  
Conc: 3.78 ng/ml



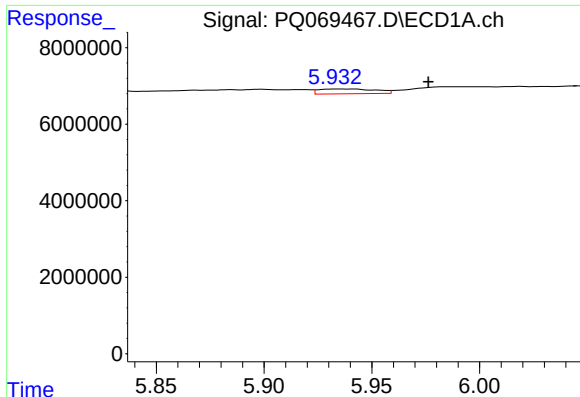
#30 AR-1254-5

R.T.: 6.515 min  
Delta R.T.: 0.009 min  
Response: 3396167  
Conc: 9.98 ng/ml



#30 AR-1254-5

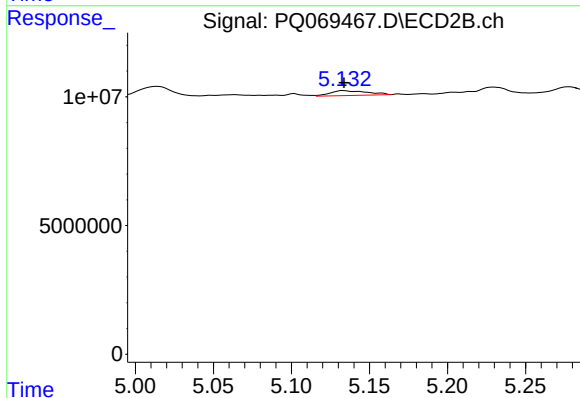
R.T.: 5.636 min  
Delta R.T.: 0.002 min  
Response: 4715866  
Conc: 5.65 ng/ml



#31 AR-1260-1

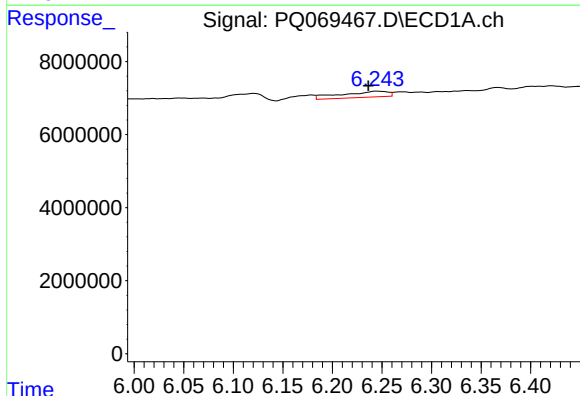
R.T.: 5.942 min  
Delta R.T.: -0.035 min  
Response: 2308259  
Conc: 7.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



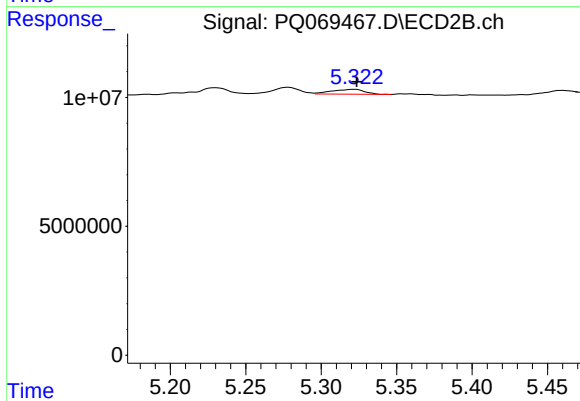
#31 AR-1260-1

R.T.: 5.133 min  
Delta R.T.: 0.000 min  
Response: 3122617  
Conc: 5.61 ng/ml



#32 AR-1260-2

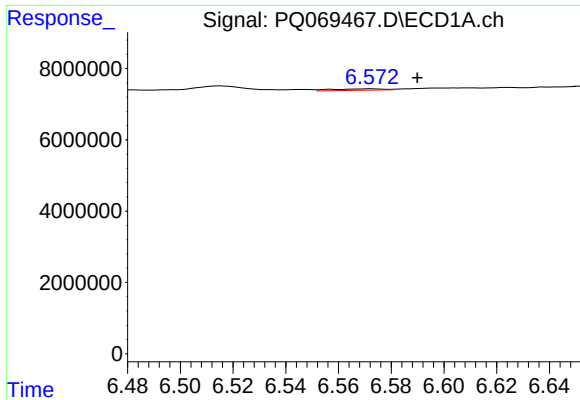
R.T.: 6.244 min  
Delta R.T.: 0.007 min  
Response: 5314148  
Conc: 14.13 ng/ml



#32 AR-1260-2

R.T.: 5.322 min  
Delta R.T.: -0.001 min  
Response: 2789571  
Conc: 4.06 ng/ml

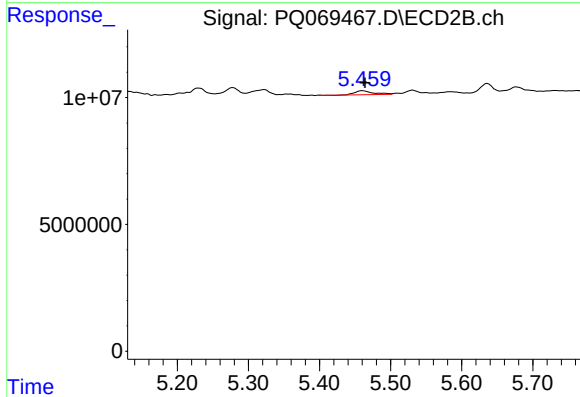




#33 AR-1260-3

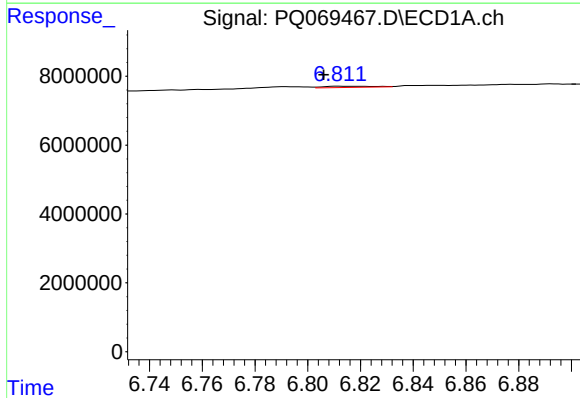
R.T.: 6.573 min  
Delta R.T.: -0.017 min  
Response: 548282  
Conc: 1.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



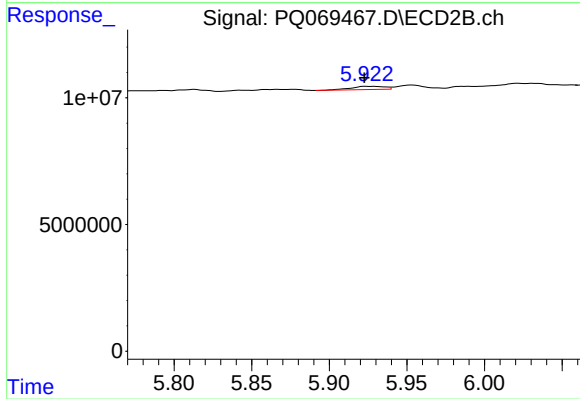
#33 AR-1260-3

R.T.: 5.460 min  
Delta R.T.: -0.004 min  
Response: 2834489  
Conc: 4.31 ng/ml



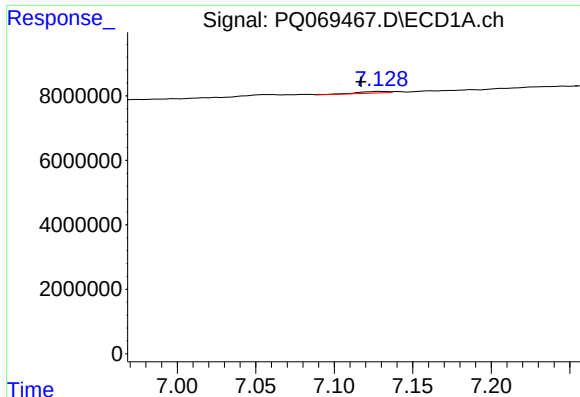
#34 AR-1260-4

R.T.: 6.812 min  
Delta R.T.: 0.006 min  
Response: 459931  
Conc: 1.48 ng/ml



#34 AR-1260-4

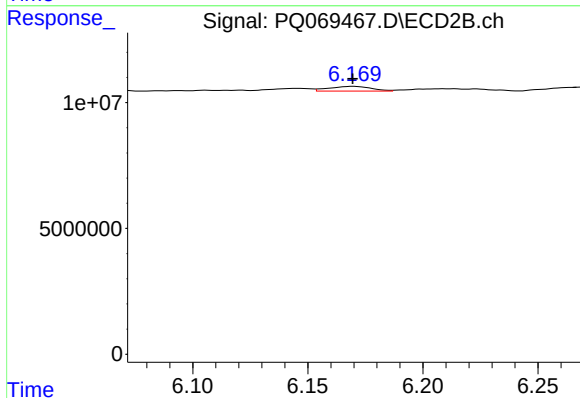
R.T.: 5.929 min  
Delta R.T.: 0.006 min  
Response: 1933575  
Conc: 3.37 ng/ml



#35 AR-1260-5

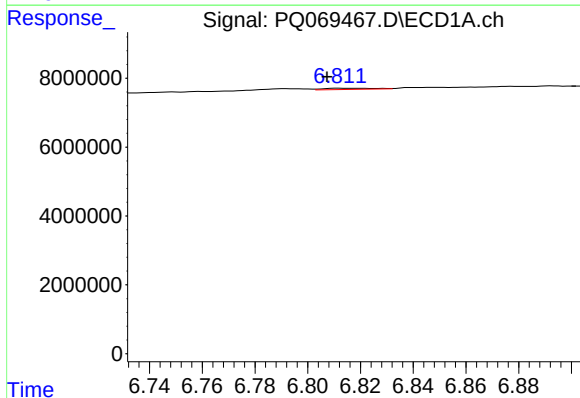
R.T.: 7.130 min  
Delta R.T.: 0.013 min  
Response: 706463  
Conc: 1.09 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



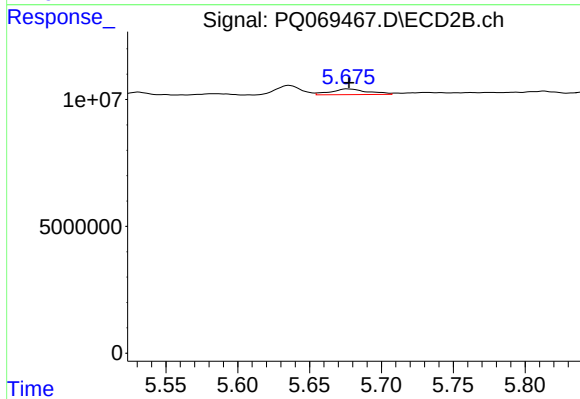
#35 AR-1260-5

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 2355061  
Conc: 1.74 ng/ml



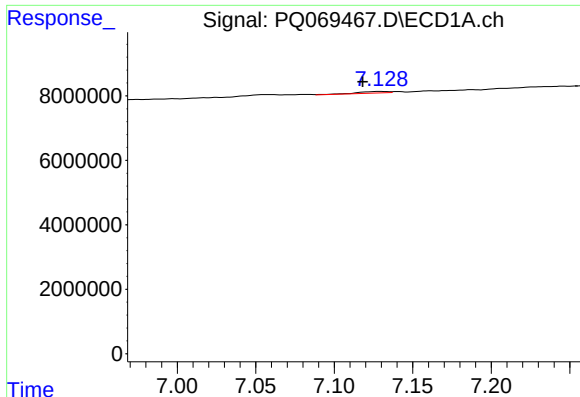
#36 AR-1262-1

R.T.: 6.812 min  
Delta R.T.: 0.005 min  
Response: 459931  
Conc: 1.23 ng/ml



#36 AR-1262-1

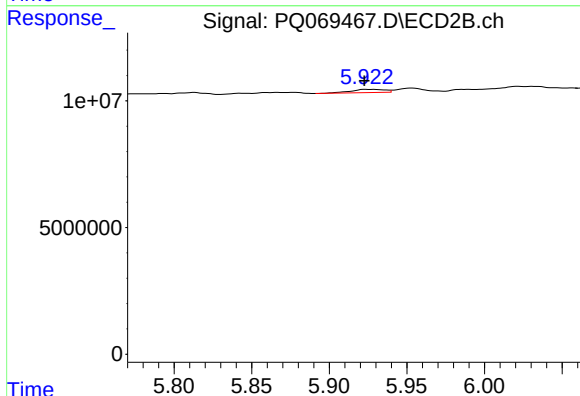
R.T.: 5.676 min  
Delta R.T.: -0.001 min  
Response: 3959558  
Conc: 4.44 ng/ml



#37 AR-1262-2

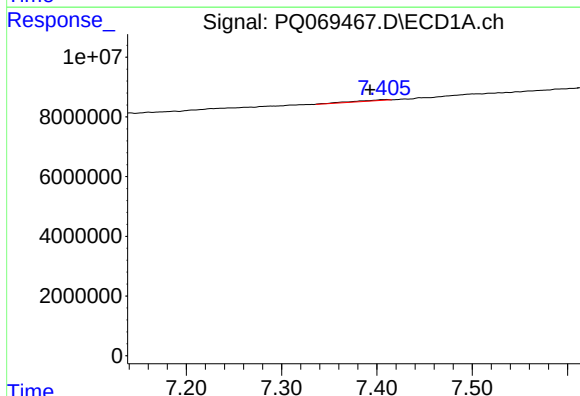
R.T.: 7.130 min  
Delta R.T.: 0.011 min  
Response: 706463  
Conc: 0.99 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



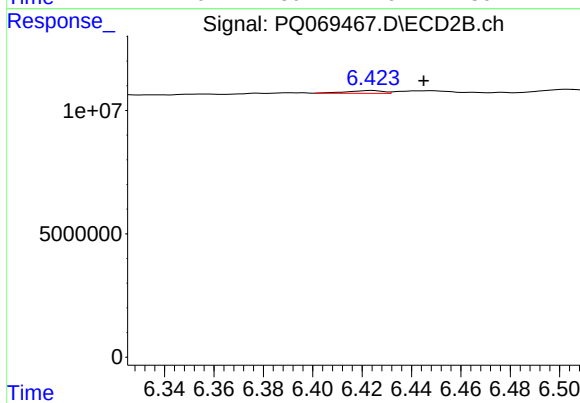
#37 AR-1262-2

R.T.: 5.929 min  
Delta R.T.: 0.006 min  
Response: 1933575  
Conc: 2.33 ng/ml



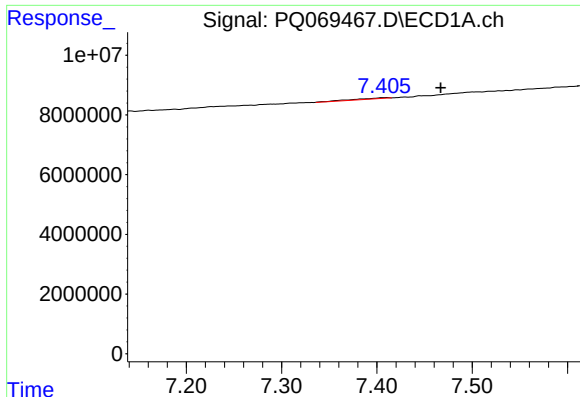
#38 AR-1262-3

R.T.: 7.411 min  
Delta R.T.: 0.018 min  
Response: 803143  
Conc: 1.74 ng/ml



#38 AR-1262-3

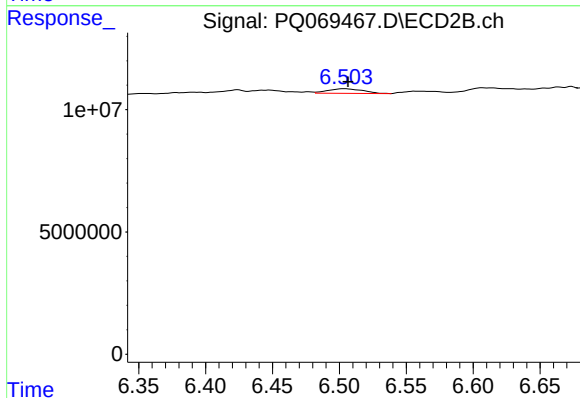
R.T.: 6.424 min  
Delta R.T.: -0.021 min  
Response: 1160306  
Conc: 1.73 ng/ml



#39 AR-1262-4

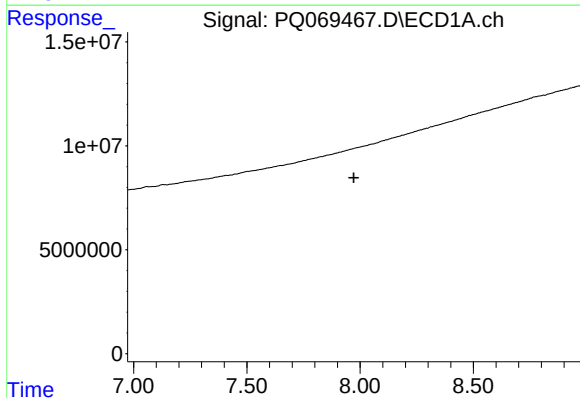
R.T.: 7.411 min  
Delta R.T.: -0.056 min  
Response: 803143  
Conc: 2.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



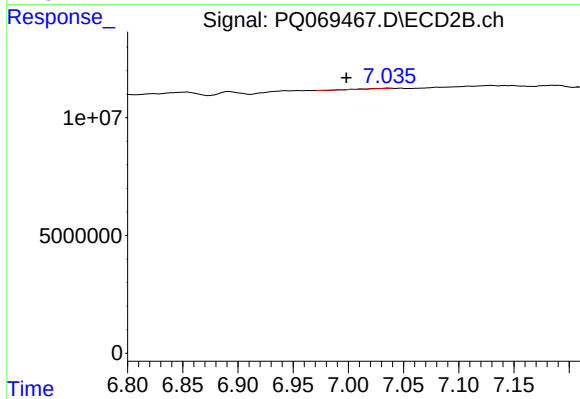
#39 AR-1262-4

R.T.: 6.503 min  
Delta R.T.: -0.003 min  
Response: 3438122  
Conc: 2.75 ng/ml



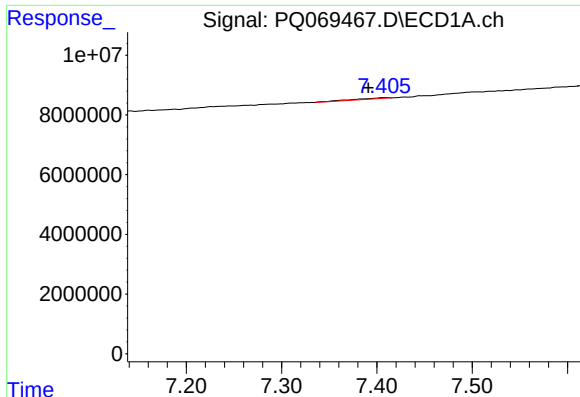
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 7.973 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

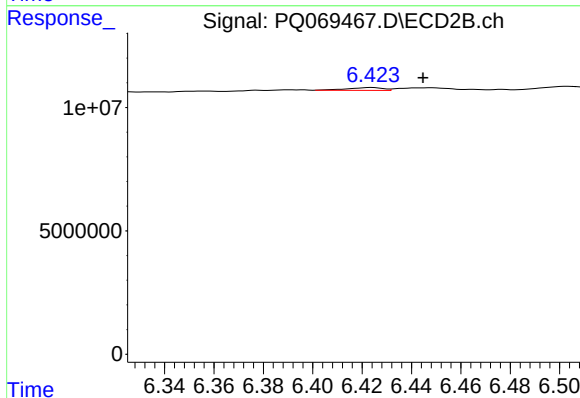
R.T.: 7.036 min  
Delta R.T.: 0.038 min  
Response: 172363  
Conc: 0.29 ng/ml



#41 AR-1268-1

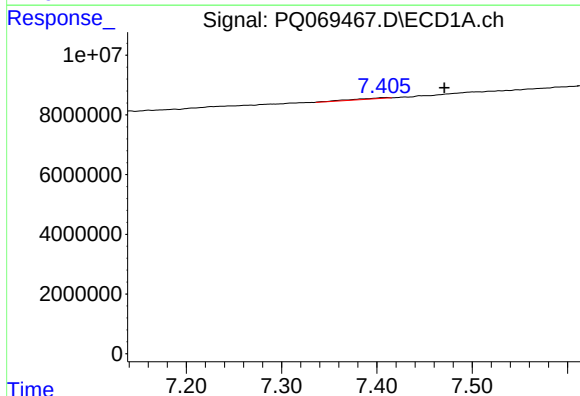
R.T.: 7.411 min  
Delta R.T.: 0.019 min  
Response: 803143  
Conc: 1.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



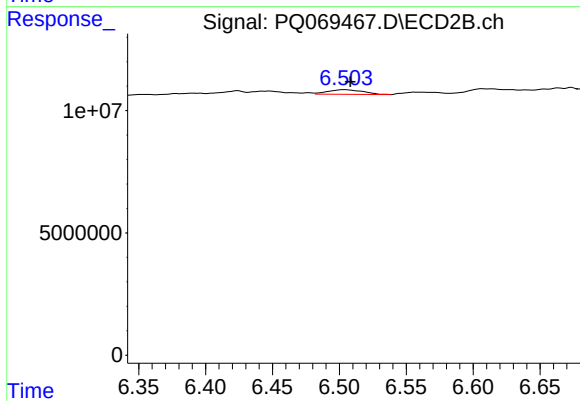
#41 AR-1268-1

R.T.: 6.424 min  
Delta R.T.: -0.021 min  
Response: 1160306  
Conc: 0.62 ng/ml



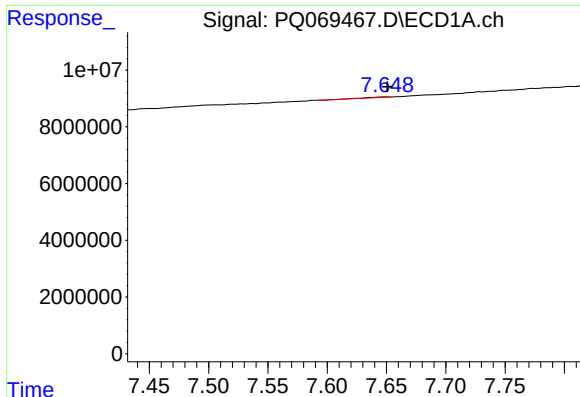
#42 AR-1268-2

R.T.: 7.411 min  
Delta R.T.: -0.060 min  
Response: 803143  
Conc: 1.17 ng/ml



#42 AR-1268-2

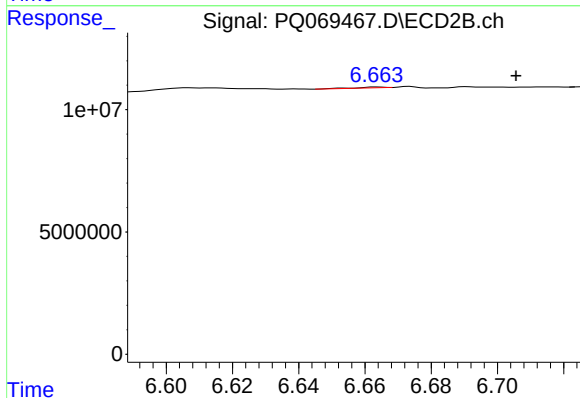
R.T.: 6.503 min  
Delta R.T.: -0.005 min  
Response: 3438122  
Conc: 1.95 ng/ml



#43 AR-1268-3

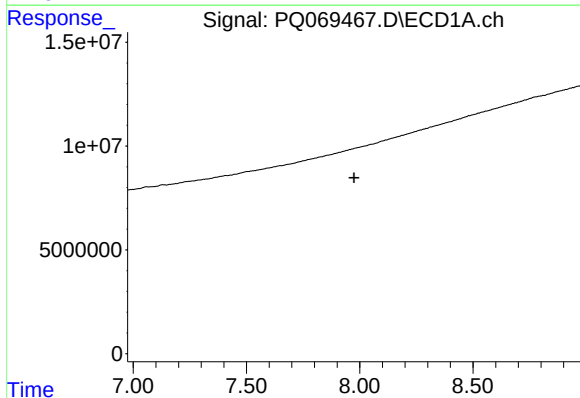
R.T.: 7.649 min  
Delta R.T.: -0.001 min  
Response: 170217  
Conc: 0.30 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



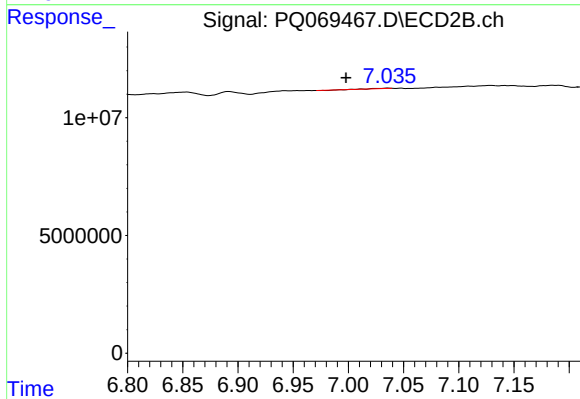
#43 AR-1268-3

R.T.: 6.664 min  
Delta R.T.: -0.042 min  
Response: 199668  
Conc: 0.13 ng/ml



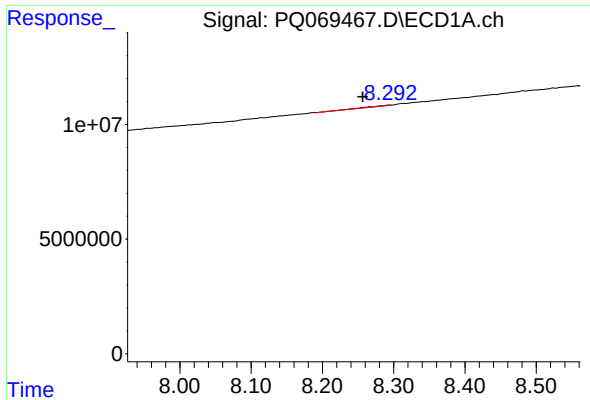
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 7.975 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

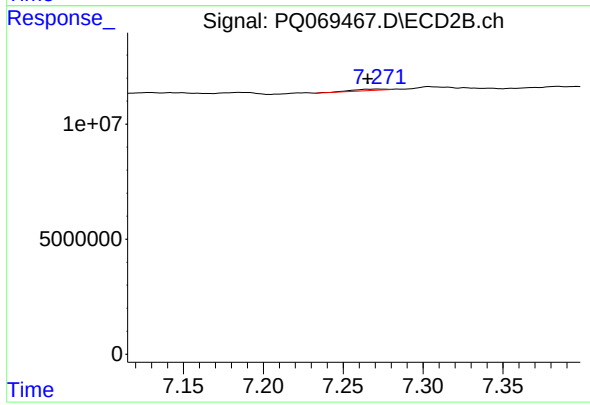
R.T.: 7.036 min  
Delta R.T.: 0.038 min  
Response: 172363  
Conc: 0.27 ng/ml



#45 AR-1268-5

R.T.: 8.294 min  
Delta R.T.: 0.037 min  
Response: 546799  
Conc: 0.31 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
PCB-GPC-BLANK



#45 AR-1268-5

R.T.: 7.272 min  
Delta R.T.: 0.006 min  
Response: 944560  
Conc: 0.20 ng/ml