

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ062022\  
 Data File : PQ058207.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jun 2022 19:15  
 Operator : YP\AJ  
 Sample : N3355-21  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 21 02:44:53 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ060822CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jun 09 05:05:02 2022  
 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... | 4.689  | 4.051 | 281.0E6  | 276.1E6  | 18.960  | 17.920    |
| 2)                          | SA Decachlor... | 10.604 | 9.190 | 382.5E6  | 333.4E6  | 27.372  | 29.748    |
|                             |                 |        |       |          |          |         |           |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.871  | 5.187 | 1525741  | 38327016 | 3.860   | 77.426 #  |
| 4)                          | L1 AR-1016-2    | 5.901  | 5.187 | 33415674 | 38327016 | 49.794  | 54.189    |
| 5)                          | L1 AR-1016-3    | 5.996  | 5.376 | 12944171 | 1015050  | 31.338  | 2.755 #   |
| 6)                          | L1 AR-1016-4    | 6.065  | 5.394 | 5405607  | 933756   | 15.339  | 3.170 #   |
| 7)                          | L1 AR-1016-5    | 6.361  | 5.608 | 626467   | 2522581  | 2.044   | 6.612 #   |
| 8)                          | L2 AR-1221-1    | 4.906  | 0.000 | 102865   | 0        | 0.662   | N.D. #    |
| 9)                          | L2 AR-1221-2    | 4.993  | 4.358 | 1119658  | 4553130  | 9.807   | 40.171 #  |
| 10)                         | L2 AR-1221-3    | 5.108f | 0.000 | 183163   | 0        | 0.493   | N.D. #    |
| 11)                         | L3 AR-1232-1    | 5.108f | 0.000 | 183163   | 0        | 0.664   | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.633  | 5.187 | 268315   | 38327016 | 1.954   | 134.197 # |
| 13)                         | L3 AR-1232-3    | 5.901  | 5.376 | 33415674 | 1015050  | 122.138 | 6.918 #   |
| 14)                         | L3 AR-1232-4    | 6.065  | 5.422 | 5405607  | 531577   | 38.539  | 4.045 #   |
| 15)                         | L3 AR-1232-5    | 6.117  | 5.608 | 9037813  | 2522581  | 107.726 | 17.109 #  |
| 16)                         | L4 AR-1242-1    | 5.871  | 5.187 | 1525741  | 38327016 | 4.779   | 94.777 #  |
| 17)                         | L4 AR-1242-2    | 5.901  | 5.187 | 33415674 | 38327016 | 60.982  | 66.384    |
| 18)                         | L4 AR-1242-3    | 5.996  | 5.376 | 12944171 | 1015050  | 38.484  | 3.359 #   |
| 19)                         | L4 AR-1242-4    | 6.065  | 5.422 | 5405607  | 531577   | 18.738  | 1.814 #   |
| 20)                         | L4 AR-1242-5    | 6.822  | 6.001 | 223414   | 6275702  | 0.801   | 16.775 #  |
| 21)                         | L5 AR-1248-1    | 5.871  | 5.187 | 1525741  | 38327016 | 6.201   | 122.956 # |
| 22)                         | L5 AR-1248-2    | 6.117  | 5.394 | 9037813  | 933756   | 27.939  | 2.220 #   |
| 23)                         | L5 AR-1248-3    | 6.361  | 5.422 | 626467   | 531577   | 1.500   | 1.208     |
| 24)                         | L5 AR-1248-4    | 6.822f | 5.608 | 223414   | 2522581  | 0.488   | 4.783 #   |
| 25)                         | L5 AR-1248-5    | 6.822  | 6.001 | 223414   | 6275702  | 0.470   | 11.947 #  |
| 26)                         | L6 AR-1254-1    | 6.692f | 6.001 | 645666   | 6275702  | 1.500   | 7.837 #   |
| 27)                         | L6 AR-1254-2    | 6.940  | 6.096 | 494297   | 4016395  | 0.732   | 5.794 #   |
| 28)                         | L6 AR-1254-3    | 7.340  | 0.000 | 1399659  | 0        | 1.697   | N.D. #    |
| 31)                         | L7 AR-1260-1    | 7.517  | 0.000 | 579240   | 0        | 1.220   | N.D. #    |
| 32)                         | L7 AR-1260-2    | 7.699f | 6.829 | 146179   | 386414   | 0.254   | 0.480 #   |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.465 | 0        | 221436   | N.D.    | 0.350 #   |
| 43)                         | L9 AR-1268-3    | 9.342  | 8.270 | 761406   | 786750   | 0.451   | 0.504     |
| 45)                         | L9 AR-1268-5    | 10.246 | 8.902 | 235569   | 1729233  | 0.043   | 0.387 #   |
| -----                       |                 |        |       |          |          |         |           |

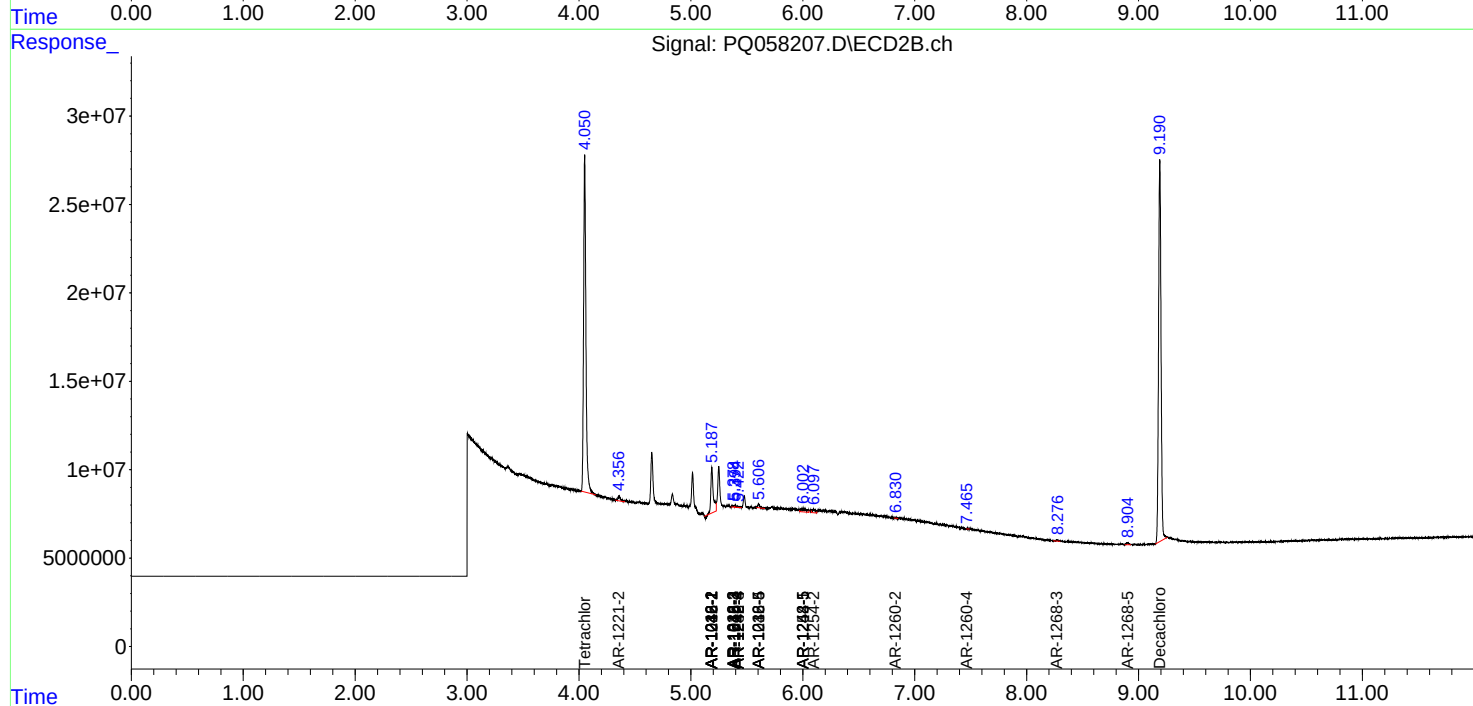
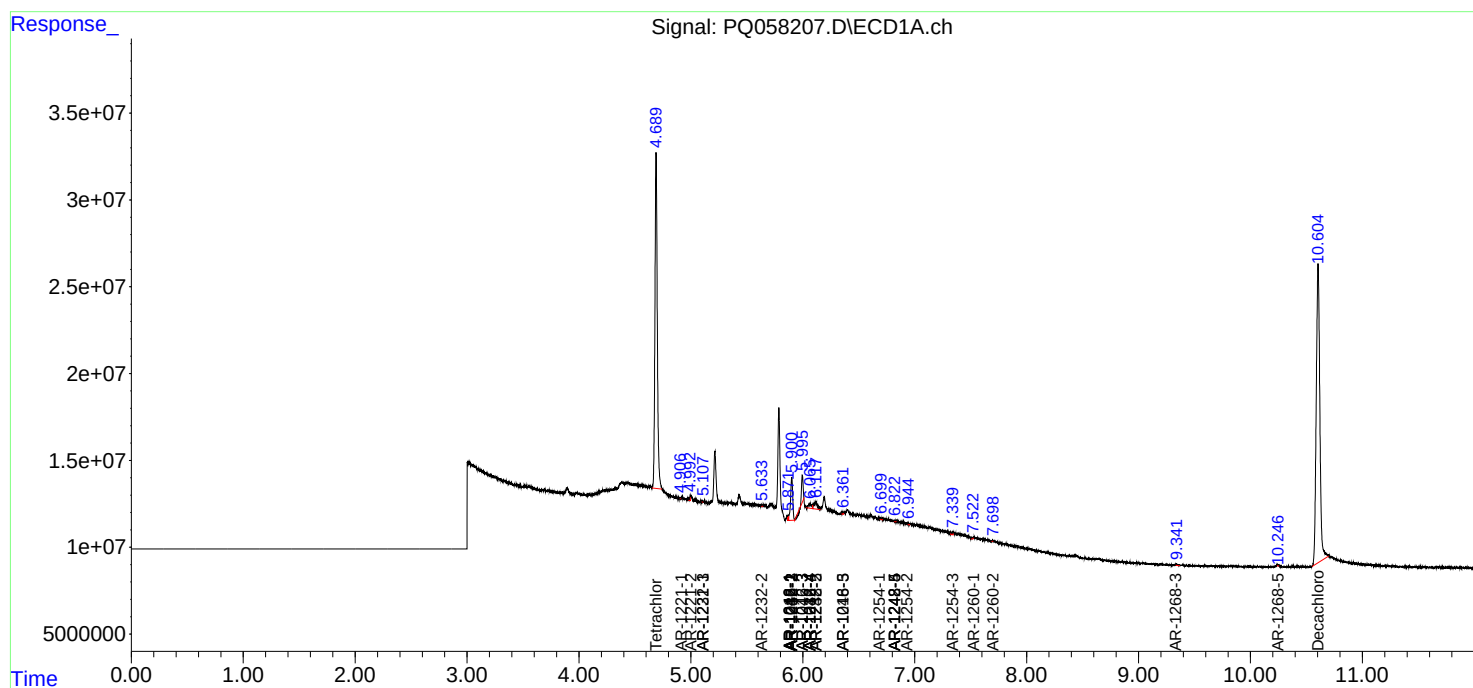
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

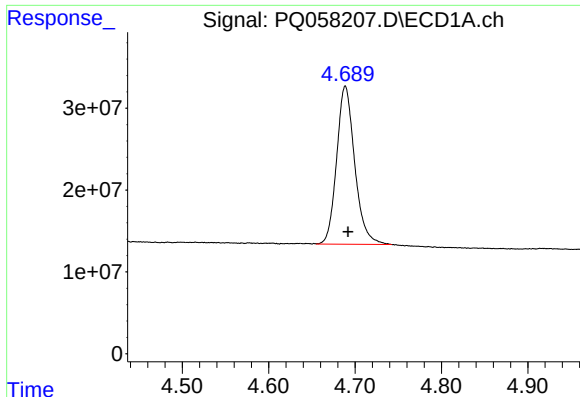
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ062022\  
Data File : PQ058207.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jun 2022 19:15  
Operator : YP\AJ  
Sample : N3355-21  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 21 02:44:53 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ060822CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Jun 09 05:05:02 2022  
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

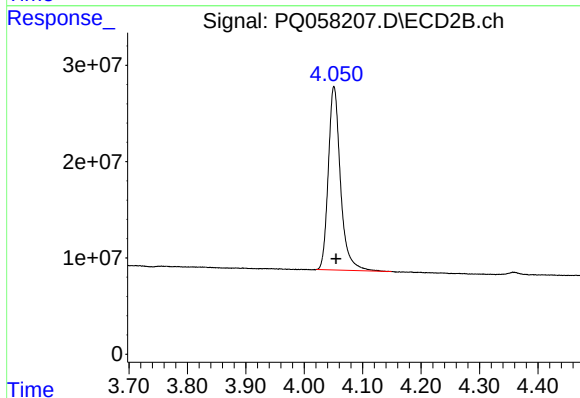




#1 Tetrachloro-m-xylene

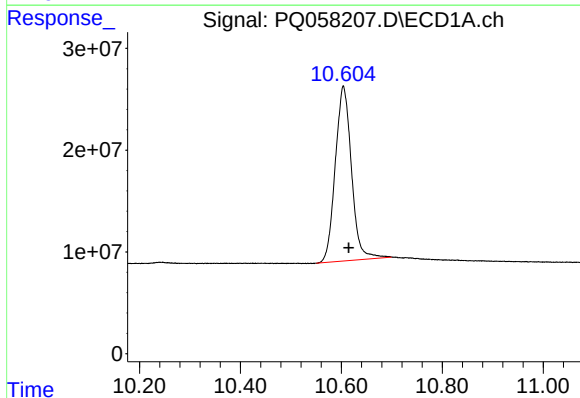
R.T.: 4.689 min  
Delta R.T.: -0.003 min  
Response: 280970722  
Conc: 18.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



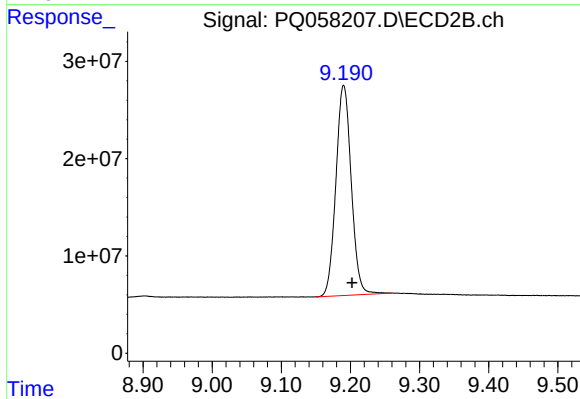
#1 Tetrachloro-m-xylene

R.T.: 4.051 min  
Delta R.T.: -0.003 min  
Response: 276108137  
Conc: 17.92 ng/ml



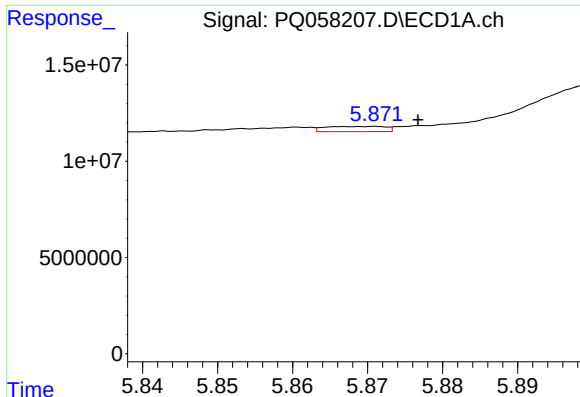
#2 Decachlorobiphenyl

R.T.: 10.604 min  
Delta R.T.: -0.010 min  
Response: 382466310  
Conc: 27.37 ng/ml



#2 Decachlorobiphenyl

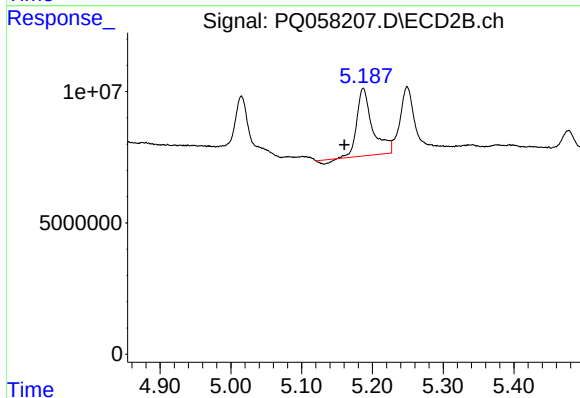
R.T.: 9.190 min  
Delta R.T.: -0.012 min  
Response: 333374685  
Conc: 29.75 ng/ml



#3 AR-1016-1

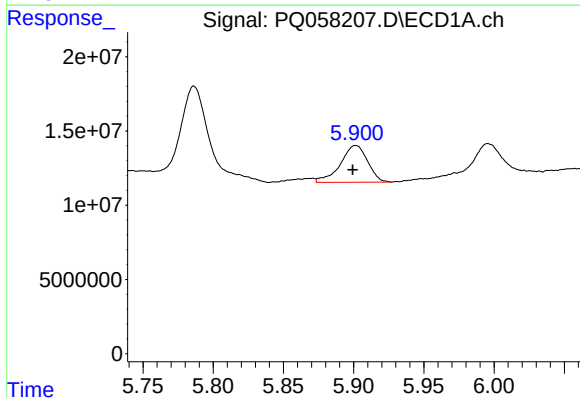
R.T.: 5.871 min  
Delta R.T.: -0.006 min  
Response: 1525741  
Conc: 3.86 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



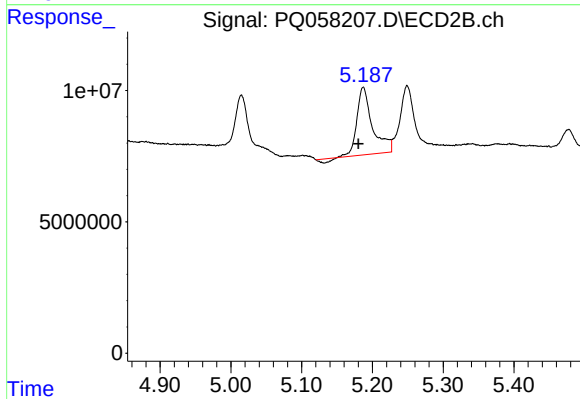
#3 AR-1016-1

R.T.: 5.187 min  
Delta R.T.: 0.026 min  
Response: 38327016  
Conc: 77.43 ng/ml



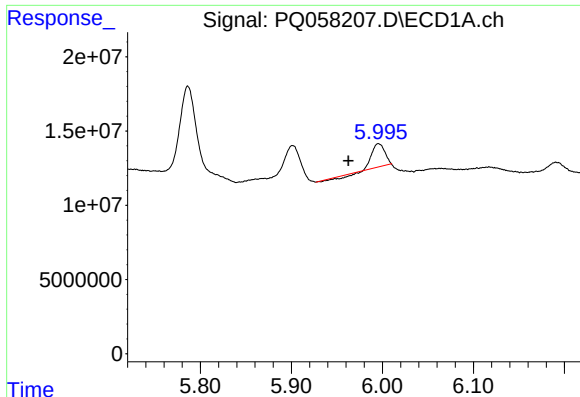
#4 AR-1016-2

R.T.: 5.901 min  
Delta R.T.: 0.002 min  
Response: 33415674  
Conc: 49.79 ng/ml



#4 AR-1016-2

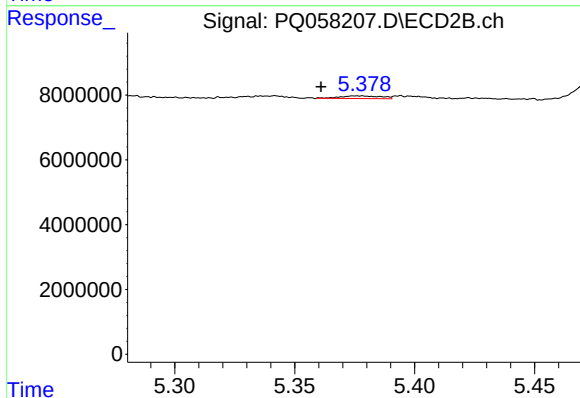
R.T.: 5.187 min  
Delta R.T.: 0.007 min  
Response: 38327016  
Conc: 54.19 ng/ml



#5 AR-1016-3

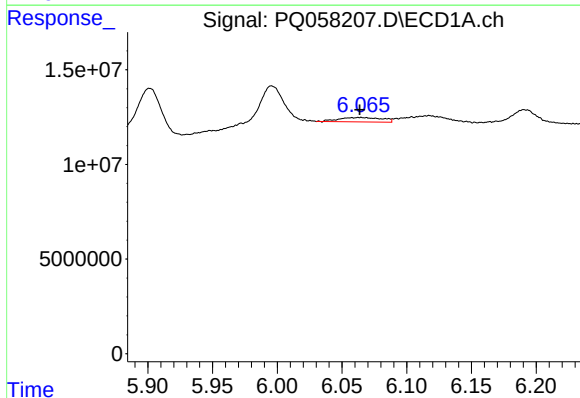
R.T.: 5.996 min  
Delta R.T.: 0.033 min  
Response: 12944171  
Conc: 31.34 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



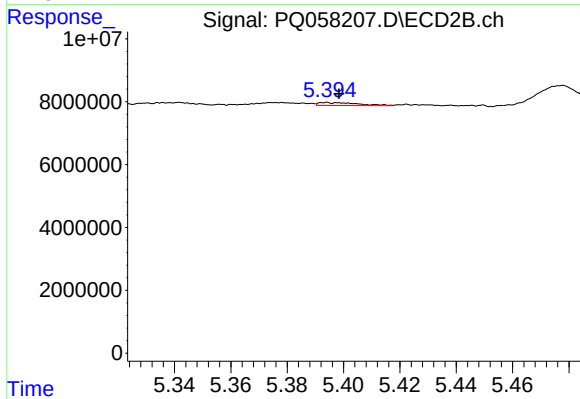
#5 AR-1016-3

R.T.: 5.376 min  
Delta R.T.: 0.015 min  
Response: 1015050  
Conc: 2.76 ng/ml



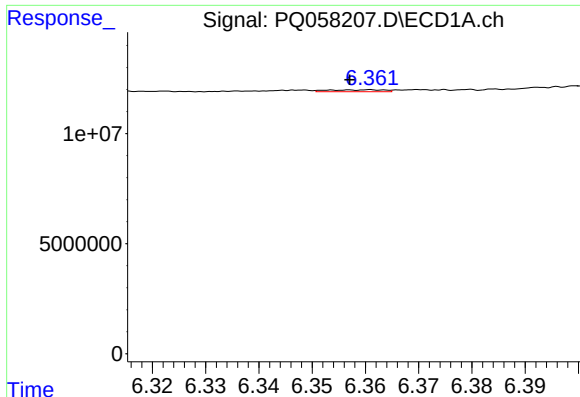
#6 AR-1016-4

R.T.: 6.065 min  
Delta R.T.: 0.001 min  
Response: 5405607  
Conc: 15.34 ng/ml



#6 AR-1016-4

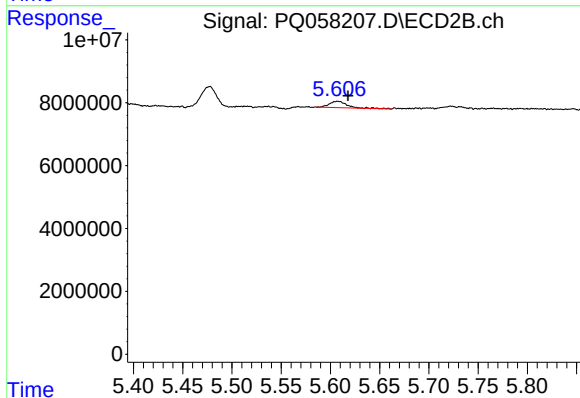
R.T.: 5.394 min  
Delta R.T.: -0.004 min  
Response: 933756  
Conc: 3.17 ng/ml



#7 AR-1016-5

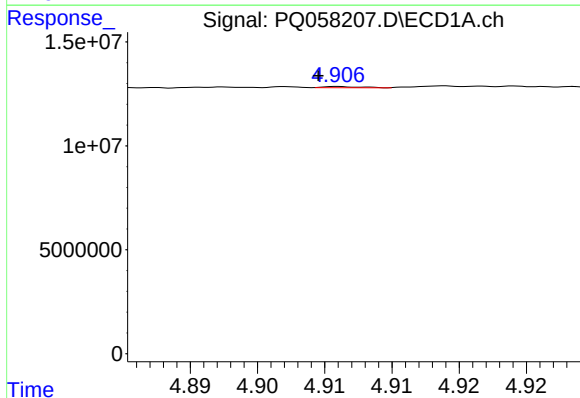
R.T.: 6.361 min  
Delta R.T.: 0.004 min  
Response: 626467  
Conc: 2.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



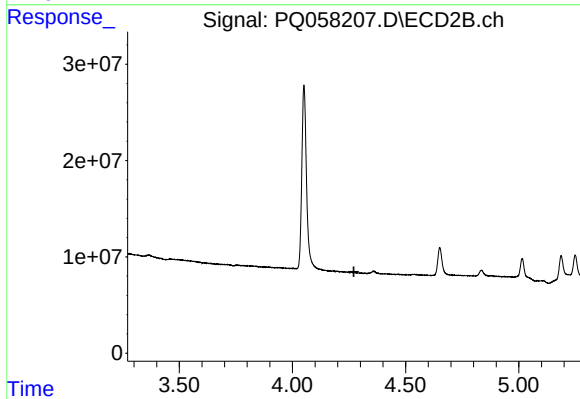
#7 AR-1016-5

R.T.: 5.608 min  
Delta R.T.: -0.010 min  
Response: 2522581  
Conc: 6.61 ng/ml



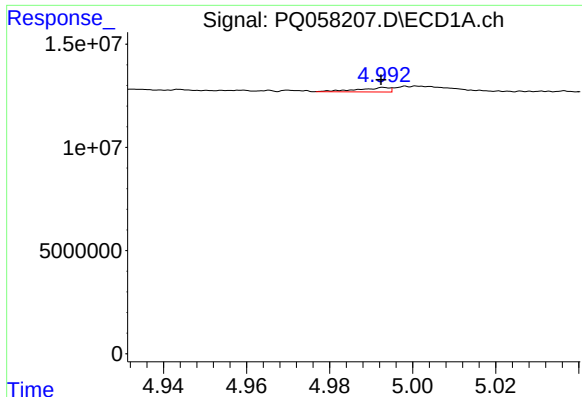
#8 AR-1221-1

R.T.: 4.906 min  
Delta R.T.: 0.002 min  
Response: 102865  
Conc: 0.66 ng/ml



#8 AR-1221-1

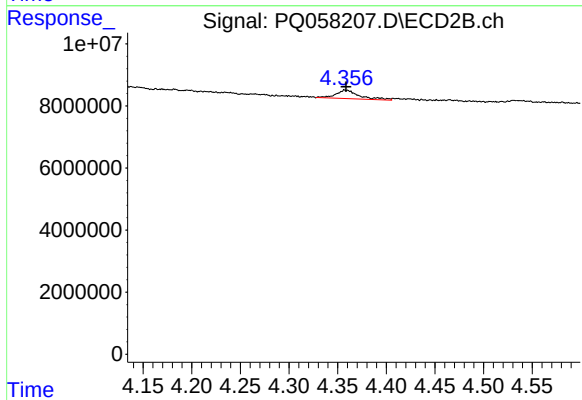
R.T.: 0.000 min  
Exp R.T.: 4.272 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

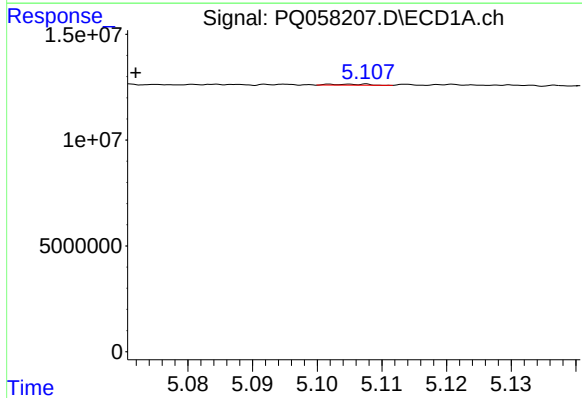
R.T.: 4.993 min  
Delta R.T.: 0.000 min  
Response: 1119658  
Conc: 9.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



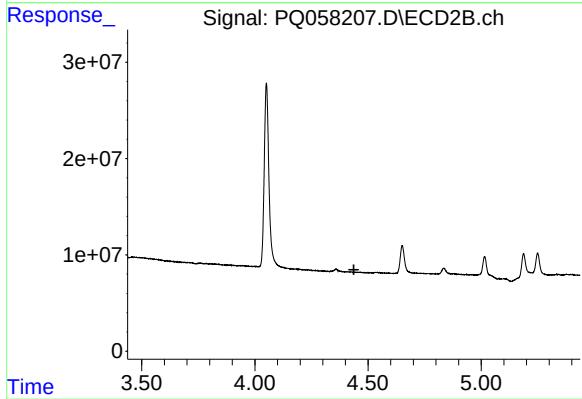
#9 AR-1221-2

R.T.: 4.358 min  
Delta R.T.: 0.000 min  
Response: 4553130  
Conc: 40.17 ng/ml



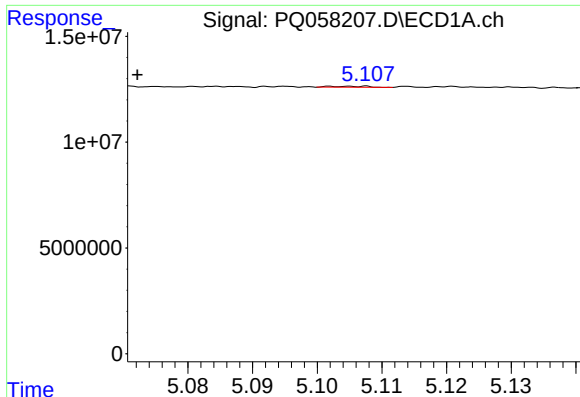
#10 AR-1221-3

R.T.: 5.108 min  
Delta R.T.: 0.036 min  
Response: 183163  
Conc: 0.49 ng/ml



#10 AR-1221-3

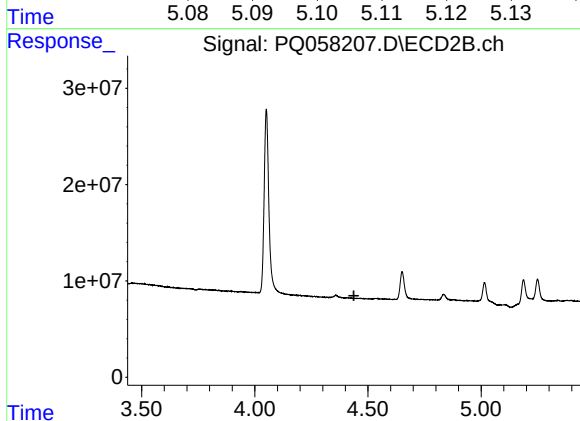
R.T.: 0.000 min  
Exp R.T. : 4.438 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

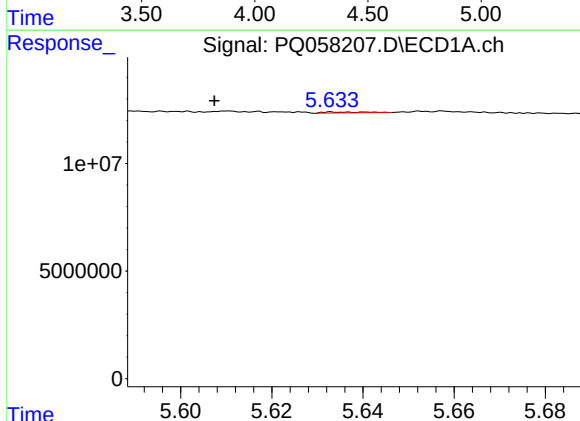
R.T.: 5.108 min  
Delta R.T.: 0.035 min  
Response: 183163  
Conc: 0.66 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



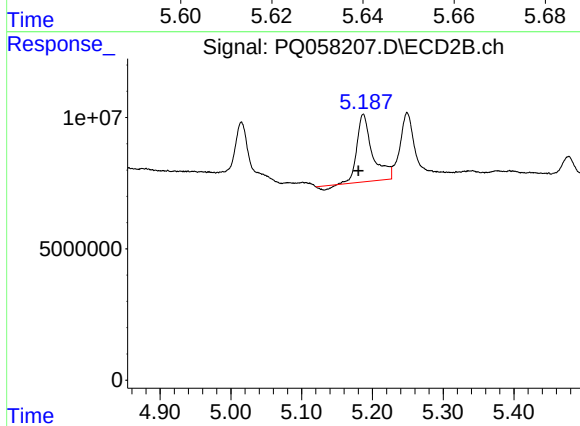
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.438 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

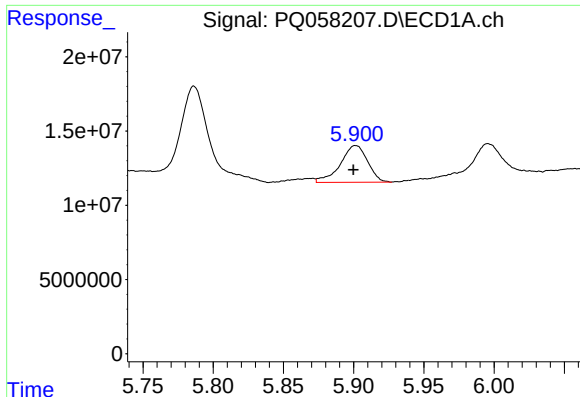
R.T.: 5.633 min  
Delta R.T.: 0.026 min  
Response: 268315  
Conc: 1.95 ng/ml



#12 AR-1232-2

R.T.: 5.187 min  
Delta R.T.: 0.007 min  
Response: 38327016  
Conc: 134.20 ng/ml

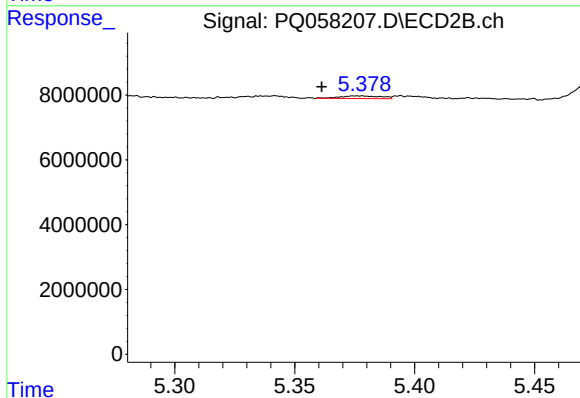




#13 AR-1232-3

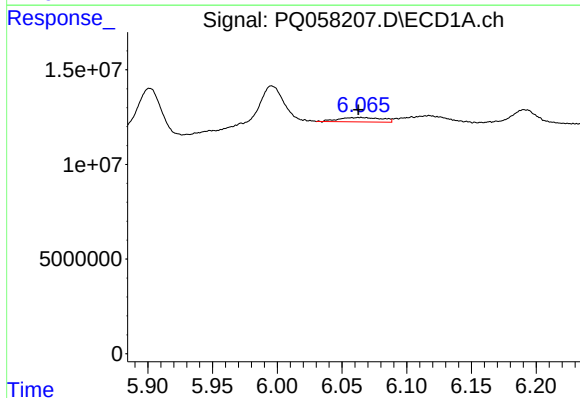
R.T.: 5.901 min  
Delta R.T.: 0.001 min  
Response: 33415674  
Conc: 122.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



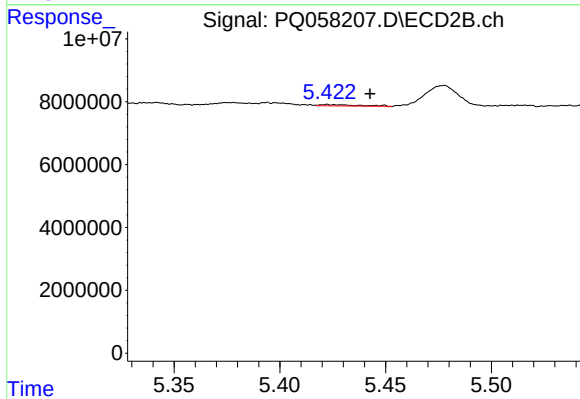
#13 AR-1232-3

R.T.: 5.376 min  
Delta R.T.: 0.015 min  
Response: 1015050  
Conc: 6.92 ng/ml



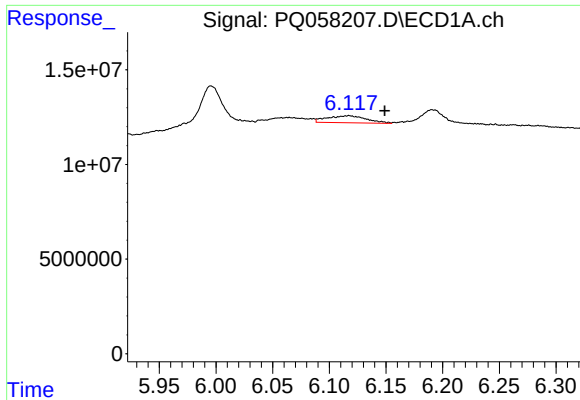
#14 AR-1232-4

R.T.: 6.065 min  
Delta R.T.: 0.002 min  
Response: 5405607  
Conc: 38.54 ng/ml



#14 AR-1232-4

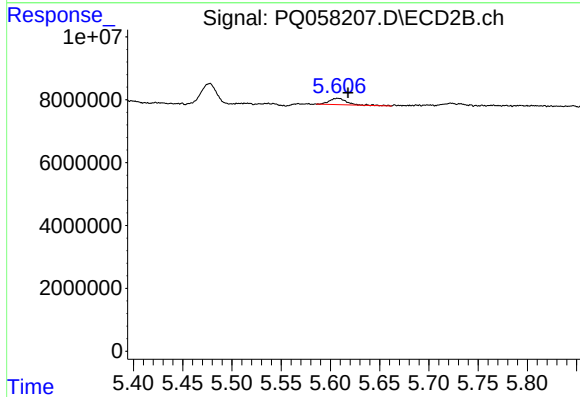
R.T.: 5.422 min  
Delta R.T.: -0.020 min  
Response: 531577  
Conc: 4.04 ng/ml



#15 AR-1232-5

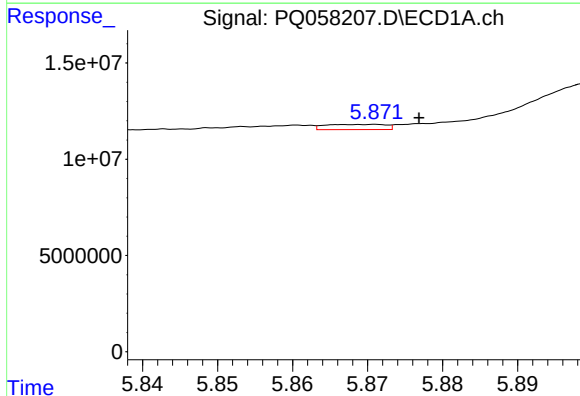
R.T.: 6.117 min  
Delta R.T.: -0.032 min  
Response: 9037813  
Conc: 107.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



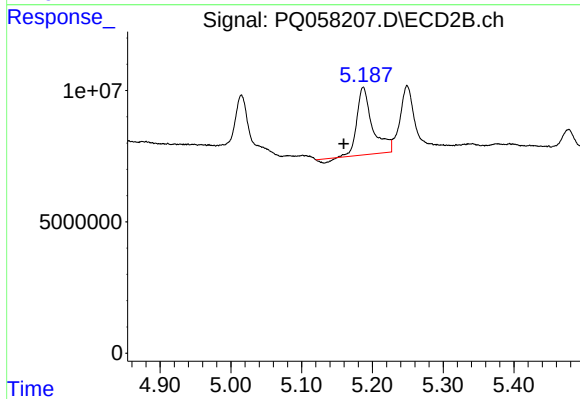
#15 AR-1232-5

R.T.: 5.608 min  
Delta R.T.: -0.010 min  
Response: 2522581  
Conc: 17.11 ng/ml



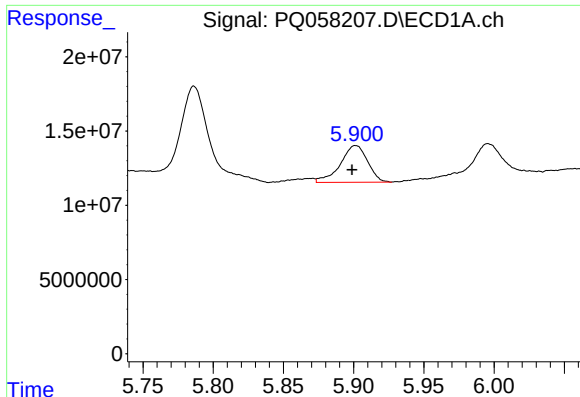
#16 AR-1242-1

R.T.: 5.871 min  
Delta R.T.: -0.006 min  
Response: 1525741  
Conc: 4.78 ng/ml



#16 AR-1242-1

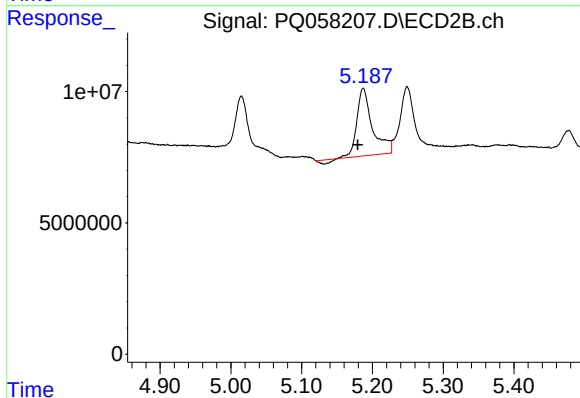
R.T.: 5.187 min  
Delta R.T.: 0.028 min  
Response: 38327016  
Conc: 94.78 ng/ml



#17 AR-1242-2

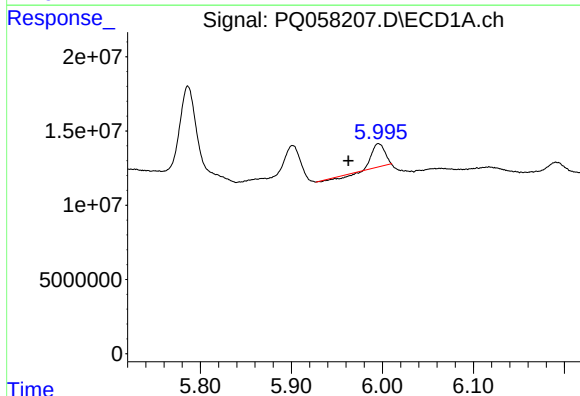
R.T.: 5.901 min  
Delta R.T.: 0.003 min  
Response: 33415674  
Conc: 60.98 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



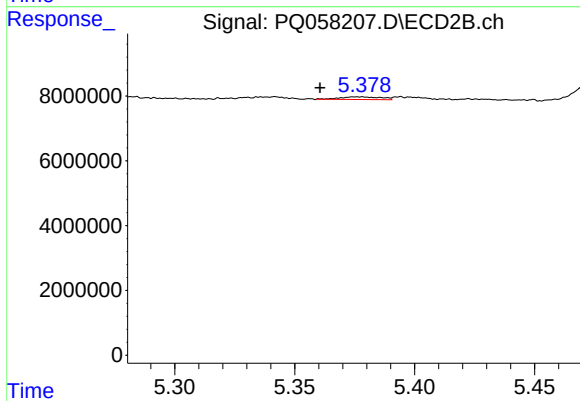
#17 AR-1242-2

R.T.: 5.187 min  
Delta R.T.: 0.008 min  
Response: 38327016  
Conc: 66.38 ng/ml



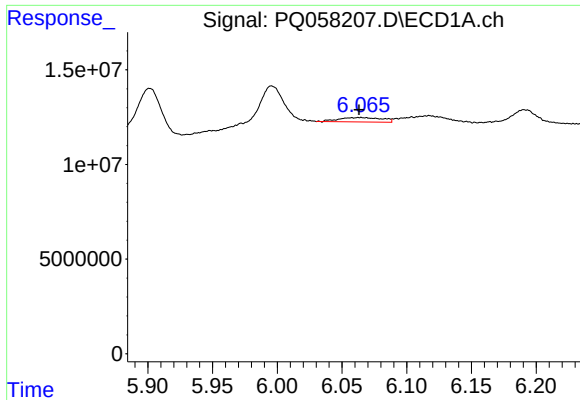
#18 AR-1242-3

R.T.: 5.996 min  
Delta R.T.: 0.033 min  
Response: 12944171  
Conc: 38.48 ng/ml



#18 AR-1242-3

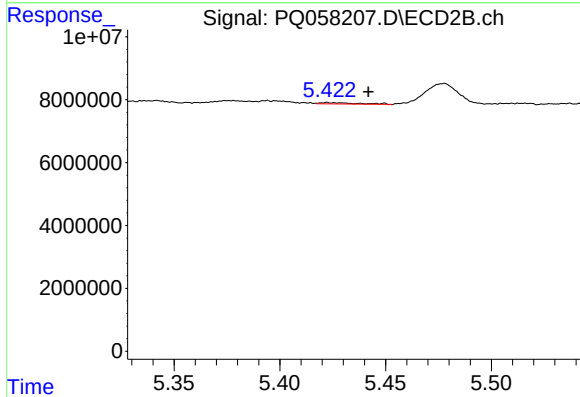
R.T.: 5.376 min  
Delta R.T.: 0.016 min  
Response: 1015050  
Conc: 3.36 ng/ml



#19 AR-1242-4

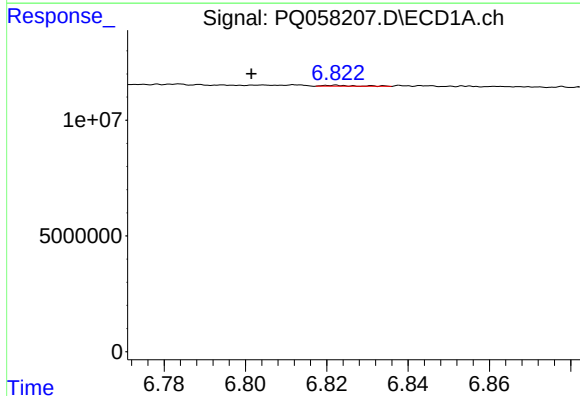
R.T.: 6.065 min  
Delta R.T.: 0.002 min  
Response: 5405607  
Conc: 18.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



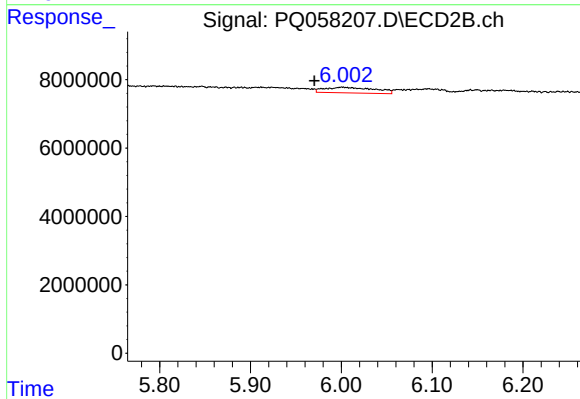
#19 AR-1242-4

R.T.: 5.422 min  
Delta R.T.: -0.019 min  
Response: 531577  
Conc: 1.81 ng/ml



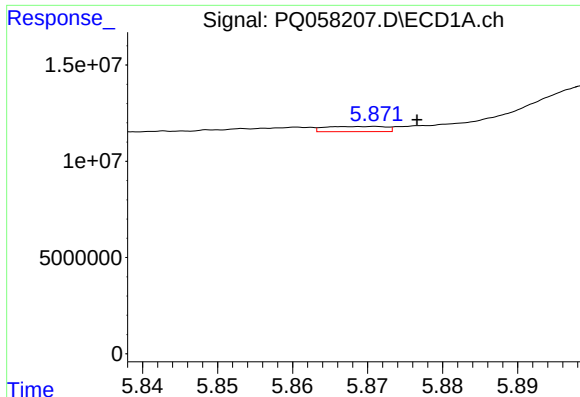
#20 AR-1242-5

R.T.: 6.822 min  
Delta R.T.: 0.021 min  
Response: 223414  
Conc: 0.80 ng/ml



#20 AR-1242-5

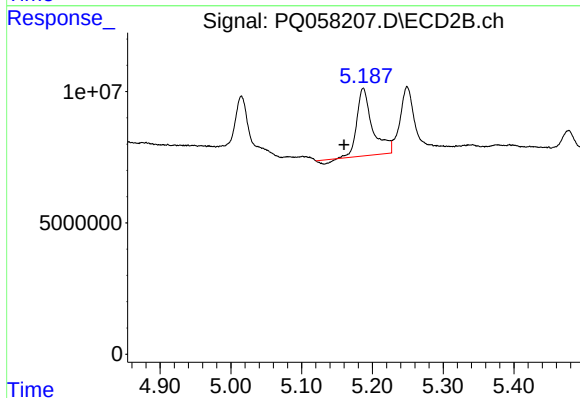
R.T.: 6.001 min  
Delta R.T.: 0.031 min  
Response: 6275702  
Conc: 16.77 ng/ml



#21 AR-1248-1

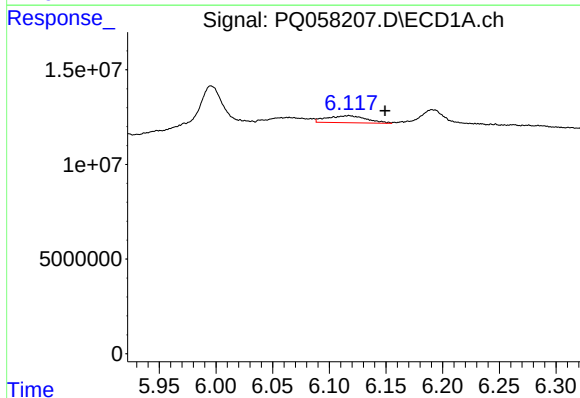
R.T.: 5.871 min  
Delta R.T.: -0.006 min  
Response: 1525741  
Conc: 6.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



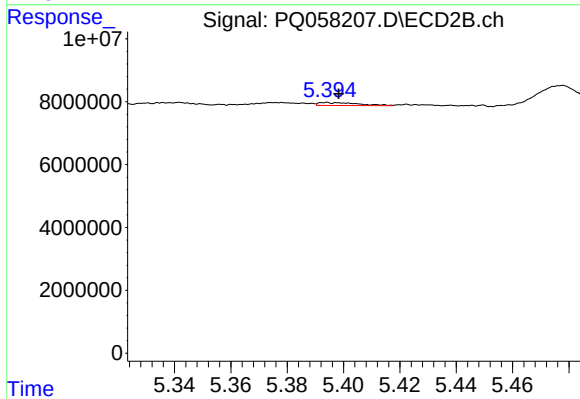
#21 AR-1248-1

R.T.: 5.187 min  
Delta R.T.: 0.027 min  
Response: 38327016  
Conc: 122.96 ng/ml



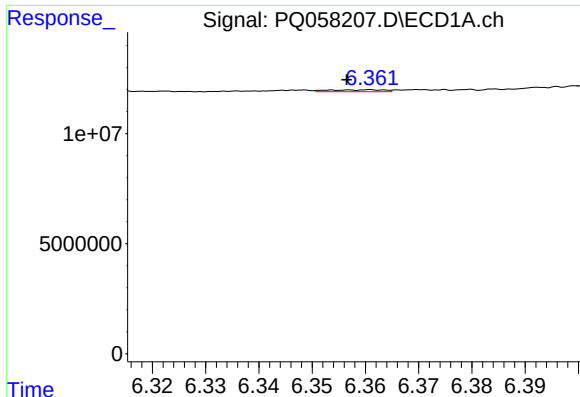
#22 AR-1248-2

R.T.: 6.117 min  
Delta R.T.: -0.032 min  
Response: 9037813  
Conc: 27.94 ng/ml



#22 AR-1248-2

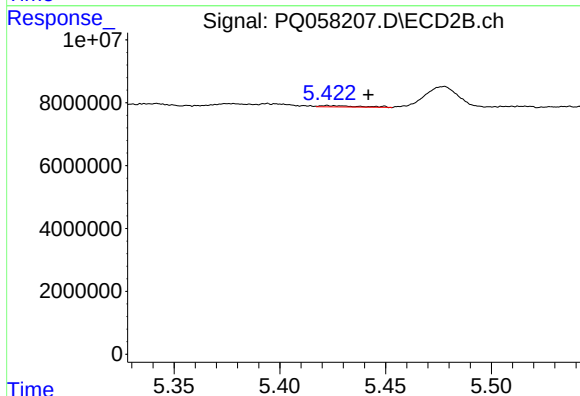
R.T.: 5.394 min  
Delta R.T.: -0.004 min  
Response: 933756  
Conc: 2.22 ng/ml



#23 AR-1248-3

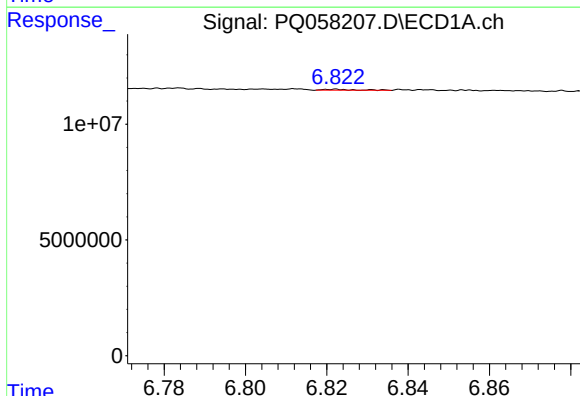
R.T.: 6.361 min  
Delta R.T.: 0.005 min  
Response: 626467  
Conc: 1.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



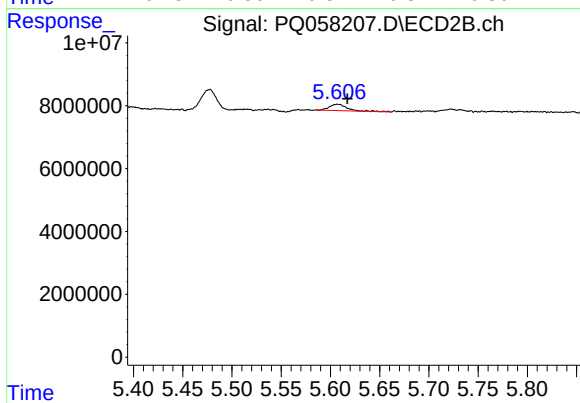
#23 AR-1248-3

R.T.: 5.422 min  
Delta R.T.: -0.020 min  
Response: 531577  
Conc: 1.21 ng/ml



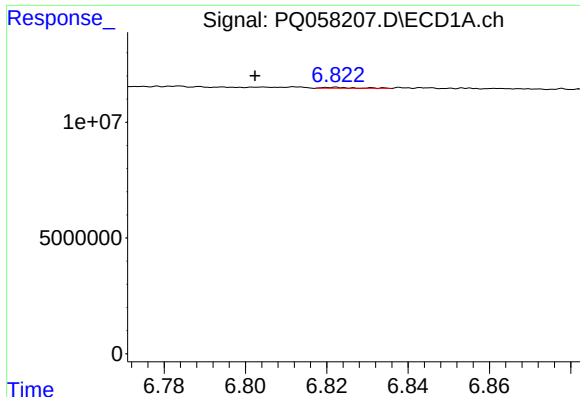
#24 AR-1248-4

R.T.: 6.822 min  
Delta R.T.: 0.059 min  
Response: 223414  
Conc: 0.49 ng/ml



#24 AR-1248-4

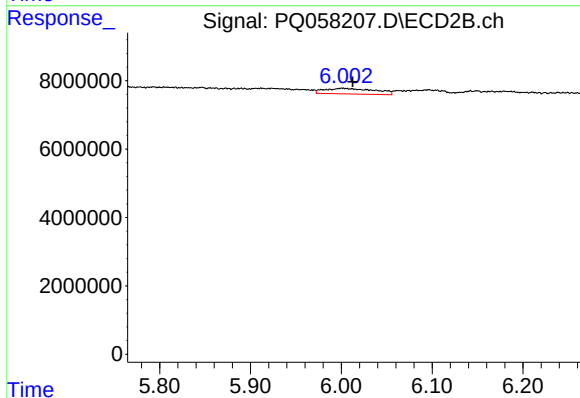
R.T.: 5.608 min  
Delta R.T.: -0.010 min  
Response: 2522581  
Conc: 4.78 ng/ml



#25 AR-1248-5

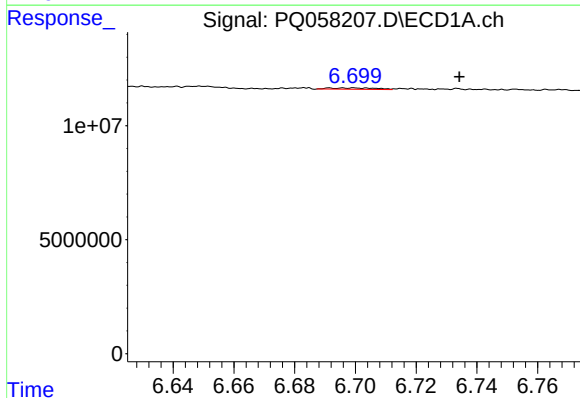
R.T.: 6.822 min  
Delta R.T.: 0.020 min  
Response: 223414  
Conc: 0.47 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



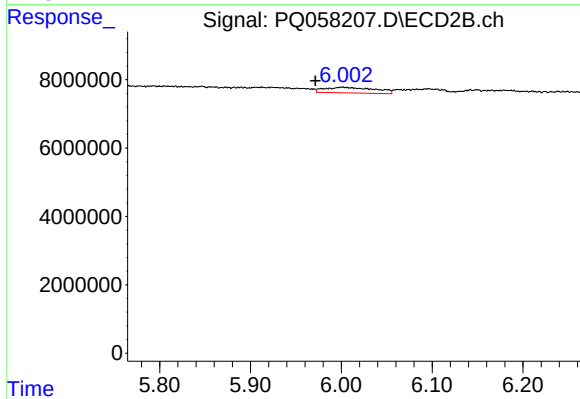
#25 AR-1248-5

R.T.: 6.001 min  
Delta R.T.: -0.012 min  
Response: 6275702  
Conc: 11.95 ng/ml



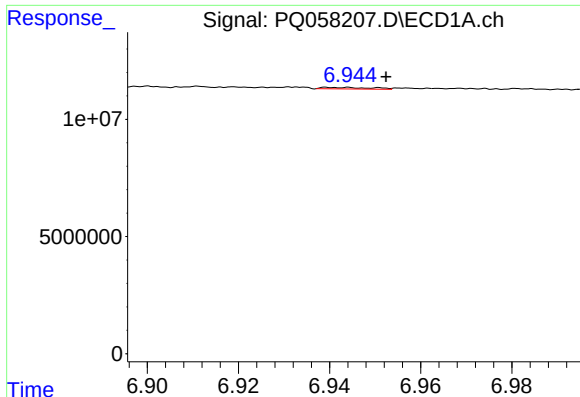
#26 AR-1254-1

R.T.: 6.692 min  
Delta R.T.: -0.043 min  
Response: 645666  
Conc: 1.50 ng/ml



#26 AR-1254-1

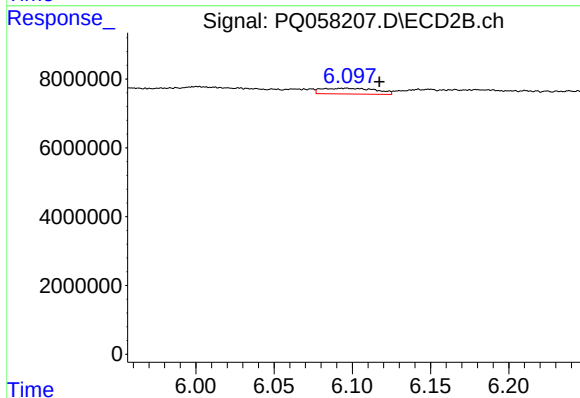
R.T.: 6.001 min  
Delta R.T.: 0.030 min  
Response: 6275702  
Conc: 7.84 ng/ml



#27 AR-1254-2

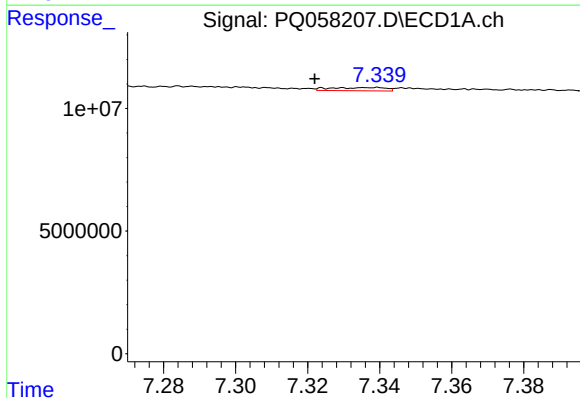
R.T.: 6.940 min  
Delta R.T.: -0.013 min  
Response: 494297  
Conc: 0.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



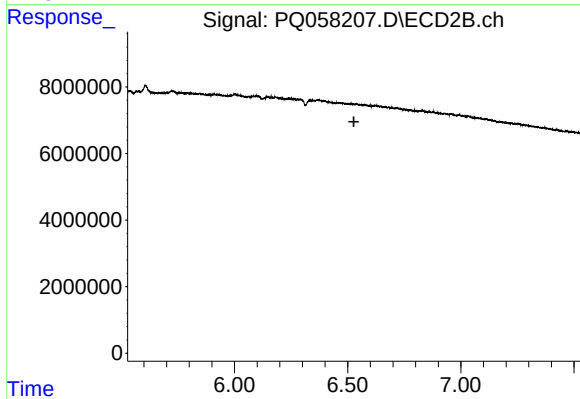
#27 AR-1254-2

R.T.: 6.096 min  
Delta R.T.: -0.021 min  
Response: 4016395  
Conc: 5.79 ng/ml



#28 AR-1254-3

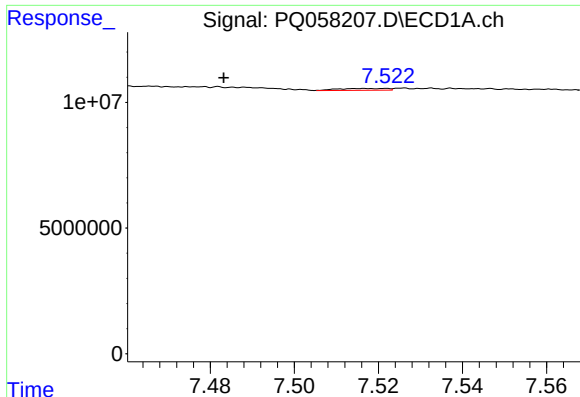
R.T.: 7.340 min  
Delta R.T.: 0.018 min  
Response: 1399659  
Conc: 1.70 ng/ml



#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 6.528 min  
Response: 0  
Conc: N.D.

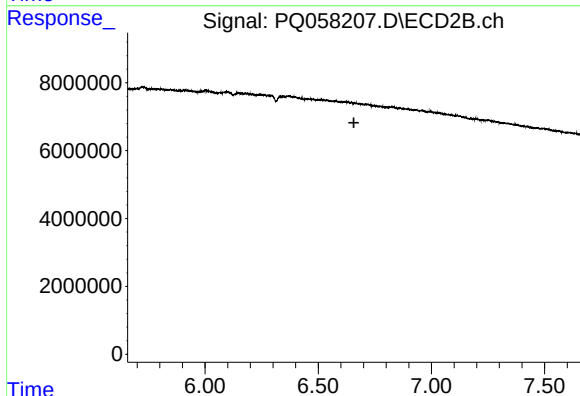




#31 AR-1260-1

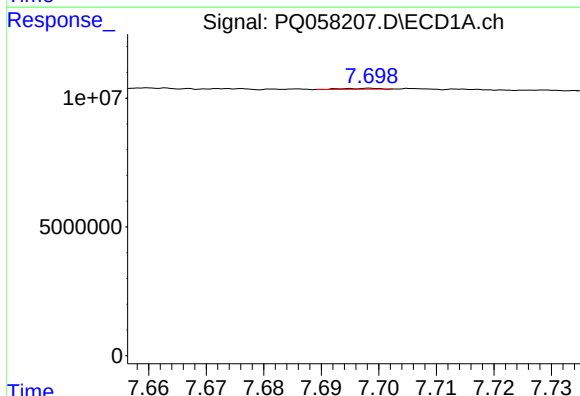
R.T.: 7.517 min  
Delta R.T.: 0.034 min  
Response: 579240  
Conc: 1.22 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



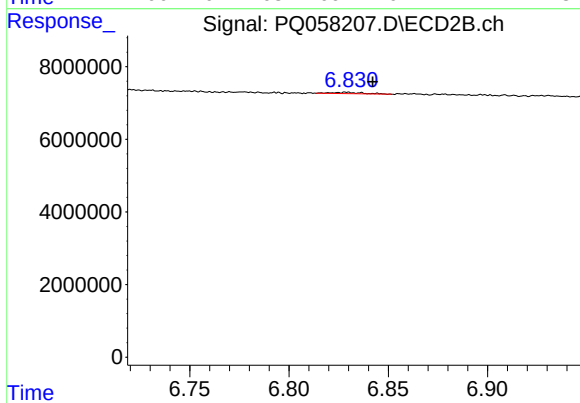
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.658 min  
Response: 0  
Conc: N.D.



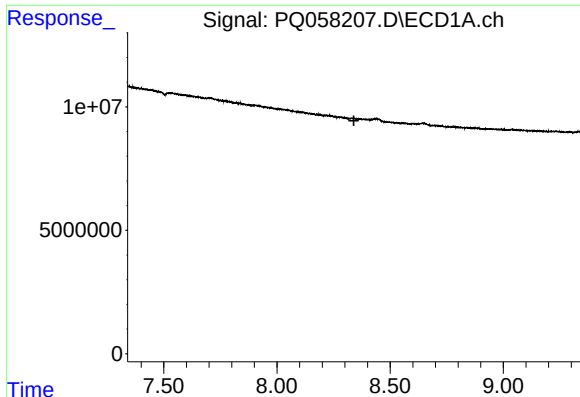
#32 AR-1260-2

R.T.: 7.699 min  
Delta R.T.: -0.042 min  
Response: 146179  
Conc: 0.25 ng/ml



#32 AR-1260-2

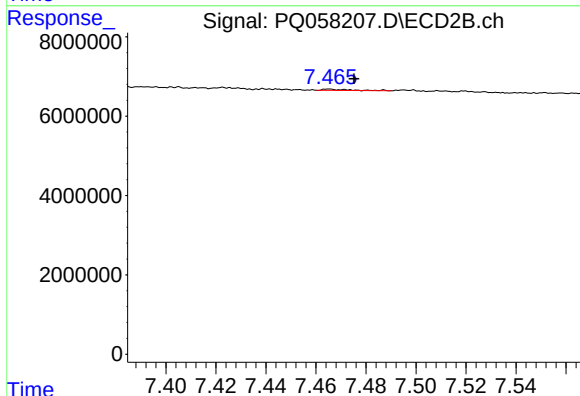
R.T.: 6.829 min  
Delta R.T.: -0.013 min  
Response: 386414  
Conc: 0.48 ng/ml



#34 AR-1260-4

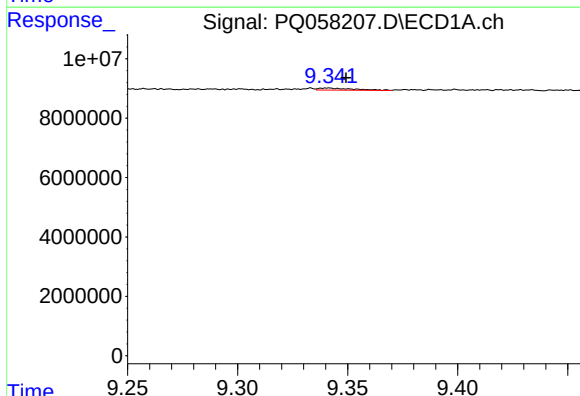
R.T.: 0.000 min  
Exp R.T.: 8.340 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



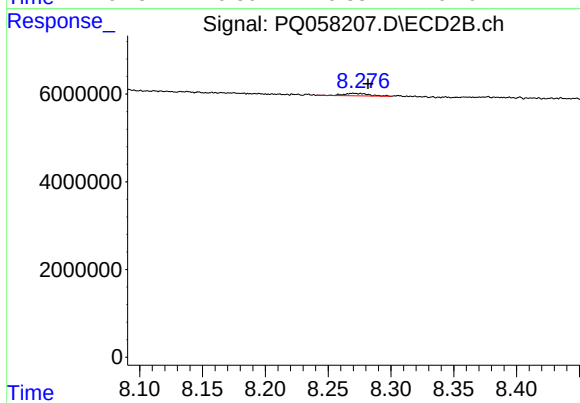
#34 AR-1260-4

R.T.: 7.465 min  
Delta R.T.: -0.010 min  
Response: 221436  
Conc: 0.35 ng/ml



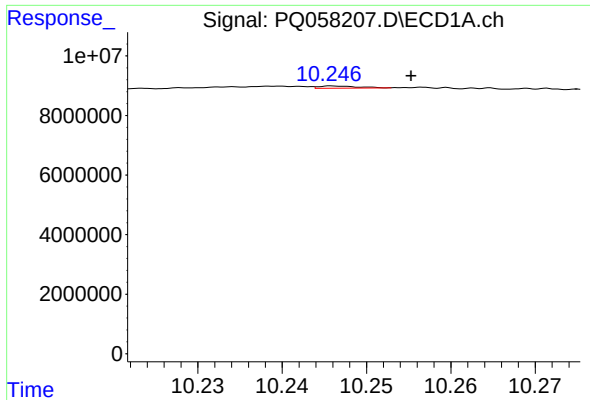
#43 AR-1268-3

R.T.: 9.342 min  
Delta R.T.: -0.008 min  
Response: 761406  
Conc: 0.45 ng/ml



#43 AR-1268-3

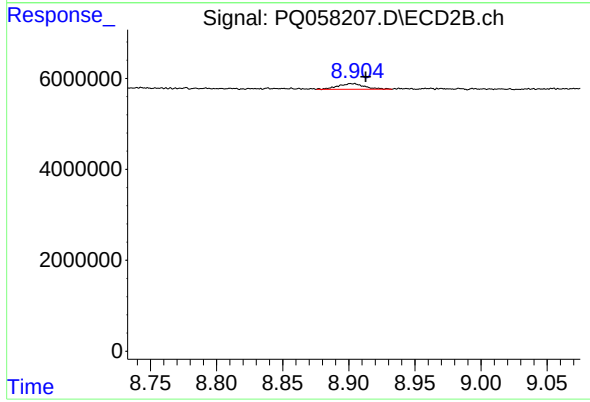
R.T.: 8.270 min  
Delta R.T.: -0.011 min  
Response: 786750  
Conc: 0.50 ng/ml



#45 AR-1268-5

R.T.: 10.246 min  
Delta R.T.: -0.009 min  
Response: 235569  
Conc: 0.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.902 min  
Delta R.T.: -0.010 min  
Response: 1729233  
Conc: 0.39 ng/ml