

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032419\  
 Data File : PQ038251.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Mar 2019 15:43  
 Operator : SM\SJ  
 Sample : K2049-09  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 25 06:03:01 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ032419CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Mar 25 05:45:22 2019  
 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... | 4.718  | 4.000 | 116.2E6  | 47315414 | 28.191 | 28.035   |
| 2)                          | SA Decachlor... | 10.673 | 9.151 | 182.7E6  | 85258501 | 33.594 | 36.037   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.164 | 0        | 927134   | N.D.   | 8.678 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.164 | 0        | 927134   | N.D.   | 5.985 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.354 | 0        | 750476   | N.D.   | 9.359 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.354 | 0        | 750476   | N.D.   | 11.819 # |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.538 | 0        | 241146   | N.D.   | 2.753 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.309 | 0        | 1055573  | N.D.   | 63.407 # |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.164 | 0        | 927134   | N.D.   | 20.774 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.354 | 0        | 750476   | N.D.   | 31.191 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.408 | 0        | 1078797  | N.D.   | 47.765 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.538 | 0        | 241146   | N.D.   | 9.963 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.164 | 0        | 927134   | N.D.   | 13.167 # |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.164 | 0        | 927134   | N.D.   | 9.202 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.354 | 0        | 750476   | N.D.   | 14.019 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.408 | 0        | 1078797  | N.D.   | 19.875 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.164 | 0        | 927134   | N.D.   | 18.476 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.354 | 0        | 750476   | N.D.   | 10.532 # |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.408 | 0        | 1078797  | N.D.   | 14.727 # |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.538 | 0        | 241146   | N.D.   | 2.667 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.562 | 0        | 1038857  | N.D.   | 4.321 #  |
| 29)                         | L6 AR-1254-4    | 7.706  | 6.791 | 8053599  | 395520   | 28.611 | 2.552 #  |
| 31)                         | L7 AR-1260-1    | 7.537  | 6.637 | 5383990  | 765759   | 12.654 | 3.745 #  |
| 32)                         | L7 AR-1260-2    | 7.826  | 6.791 | 5370364  | 395520   | 10.461 | 1.544 #  |
| 33)                         | L7 AR-1260-3    | 8.150  | 0.000 | 20310588 | 0        | 52.506 | N.D. #   |
| 34)                         | L7 AR-1260-4    | 8.401  | 7.483 | 21233245 | 766979   | 46.550 | 3.875 #  |
| 35)                         | L7 AR-1260-5    | 8.681  | 0.000 | 9403281  | 0        | 9.930  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.150  | 7.230 | 20310588 | 413998   | 51.238 | 1.923 #  |
| 37)                         | L8 AR-1262-2    | 8.681  | 0.000 | 9403281  | 0        | 13.183 | N.D. #   |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.531 | 0        | 995734   | N.D.   | 8.425 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.237 | 0        | 1013659  | N.D.   | 1.611 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.531 | 0        | 995734   | N.D.   | 4.229 #  |
| 45)                         | L9 AR-1268-5    | 10.307 | 8.863 | 4125331  | 1169779  | 0.958  | 0.607 #  |
| -----                       |                 |        |       |          |          |        |          |

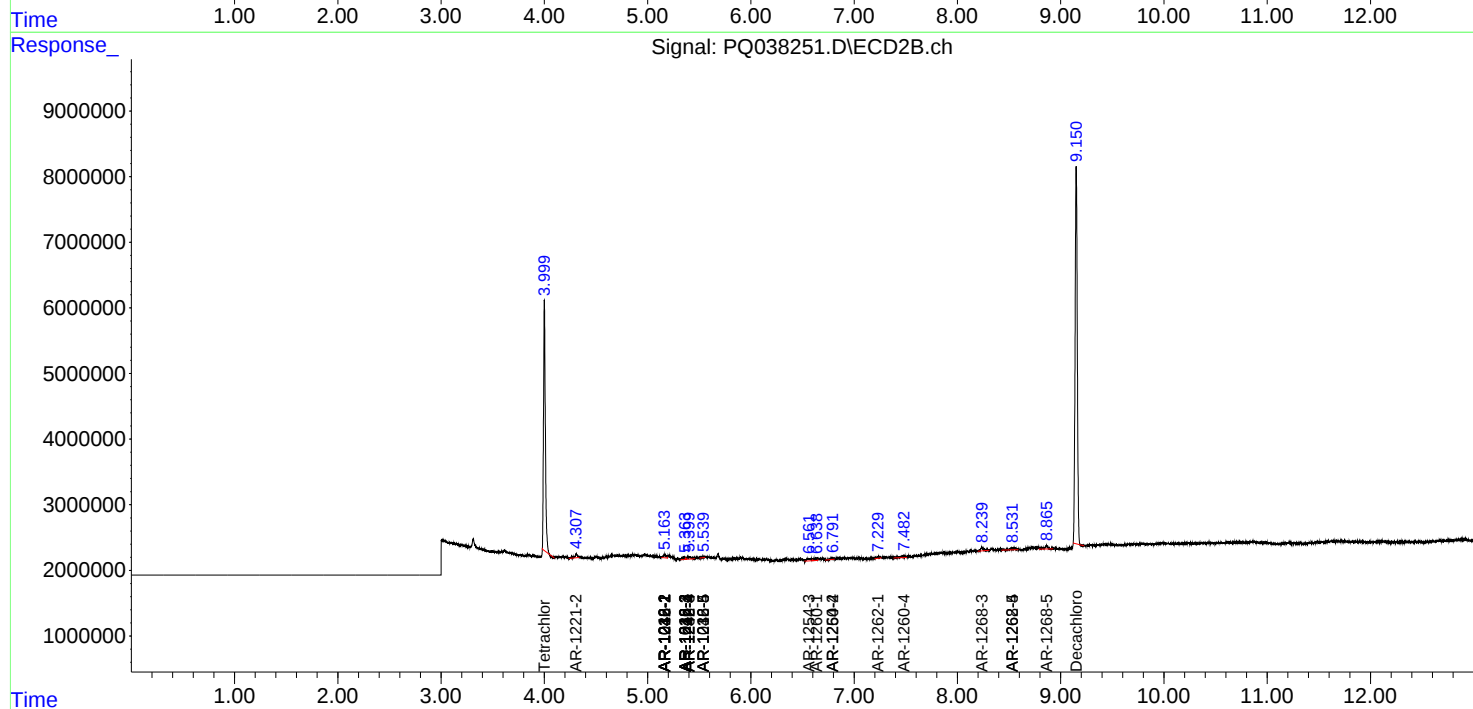
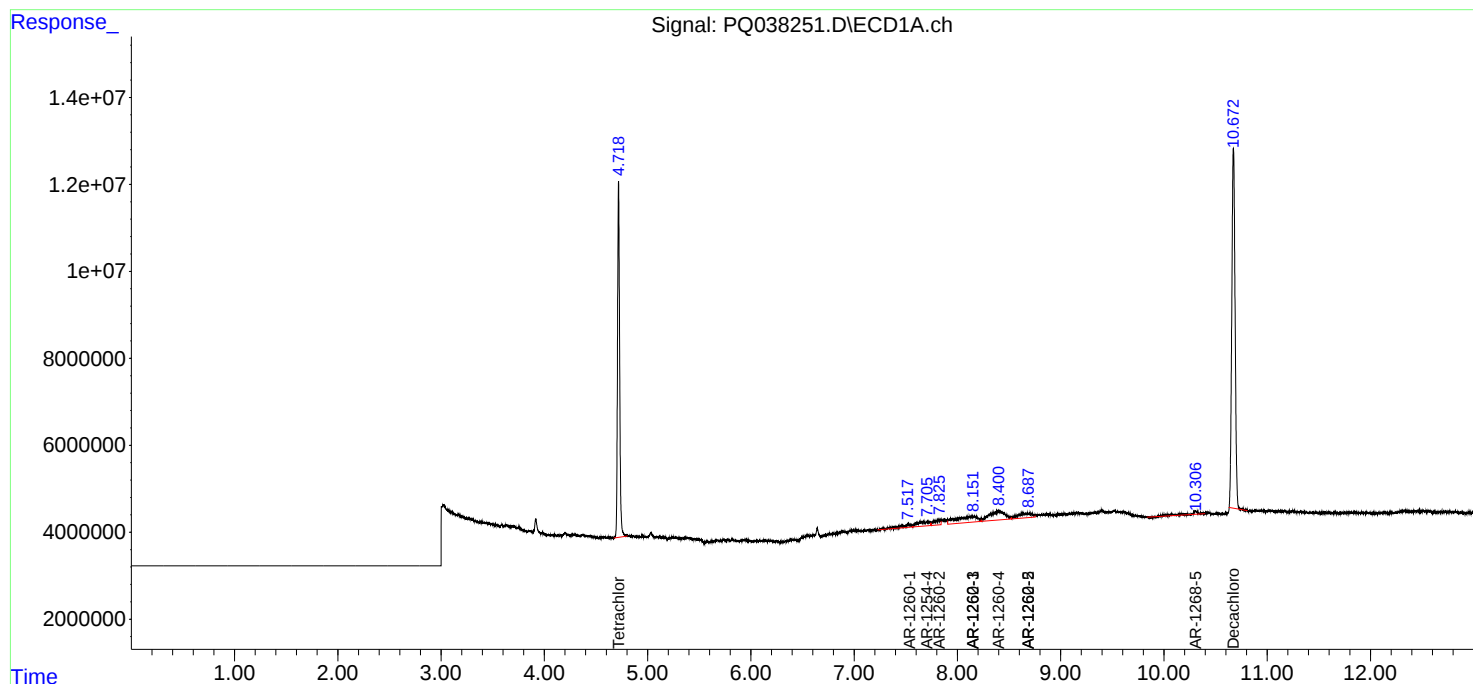
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

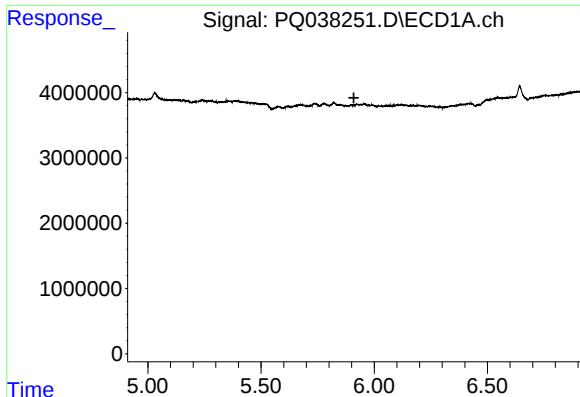
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ032419\  
Data File : PQ038251.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Mar 2019 15:43  
Operator : SM\SJ  
Sample : K2049-09  
Misc :  
ALS Vial : 54 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 25 06:03:01 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ032419CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Mar 25 05:45:22 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

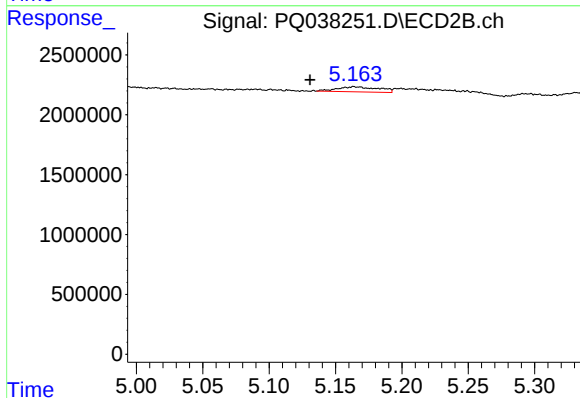




#3 AR-1016-1

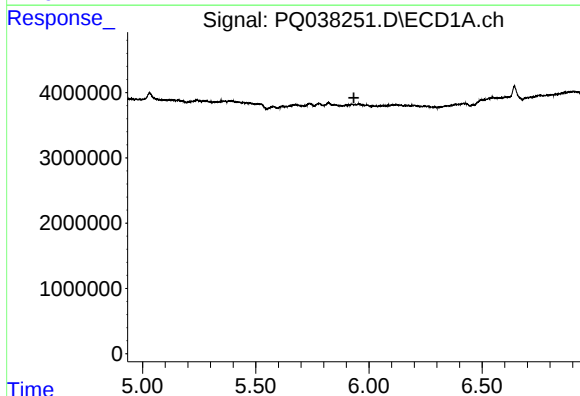
R.T.: 0.000 min  
Exp R.T.: 5.910 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



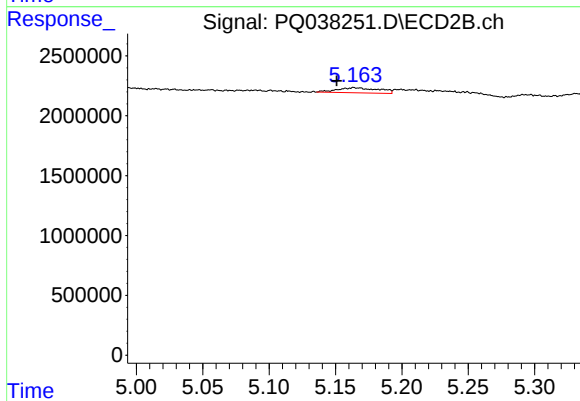
#3 AR-1016-1

R.T.: 5.164 min  
Delta R.T.: 0.033 min  
Response: 927134  
Conc: 8.68 ng/ml



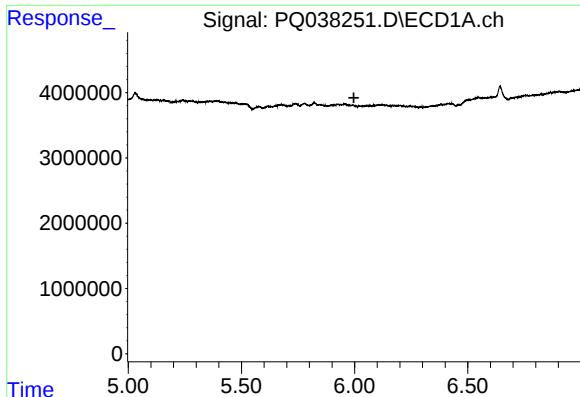
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.934 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

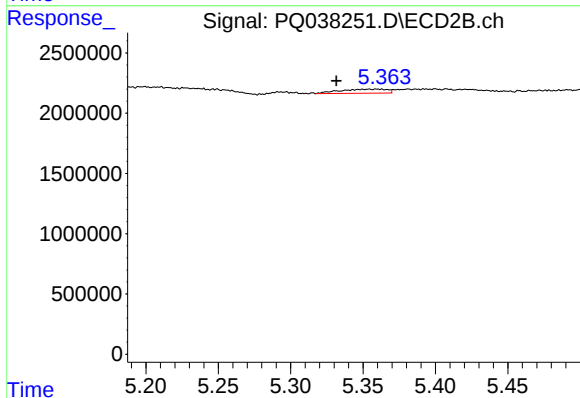
R.T.: 5.164 min  
Delta R.T.: 0.013 min  
Response: 927134  
Conc: 5.98 ng/ml



#5 AR-1016-3

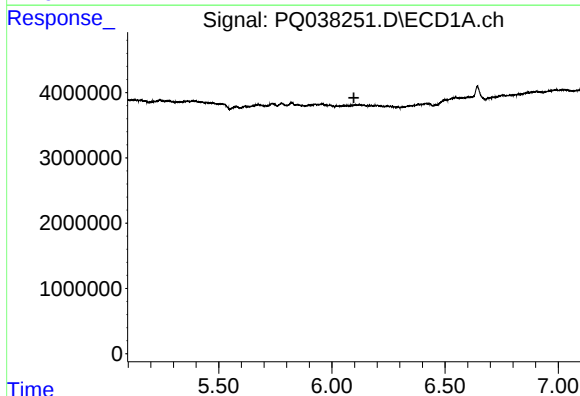
R.T.: 0.000 min  
Exp R.T.: 5.997 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



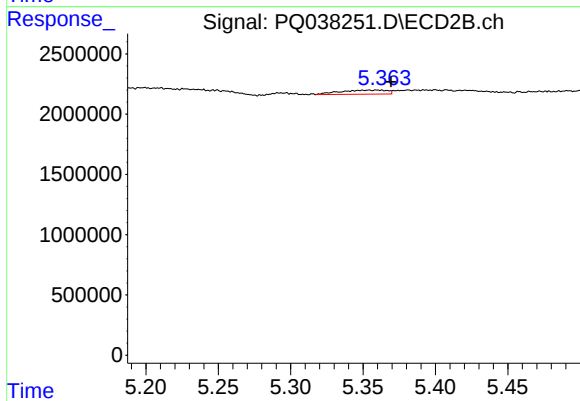
#5 AR-1016-3

R.T.: 5.354 min  
Delta R.T.: 0.022 min  
Response: 750476  
Conc: 9.36 ng/ml



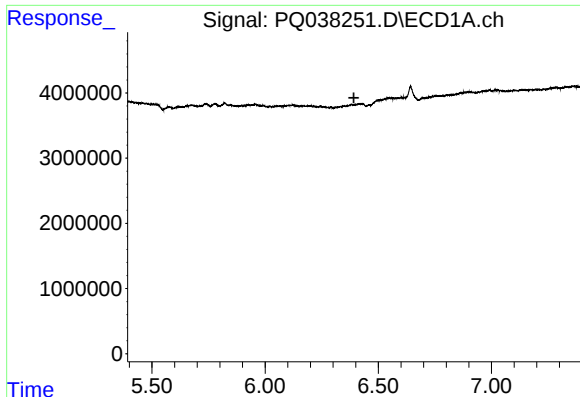
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 6.097 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

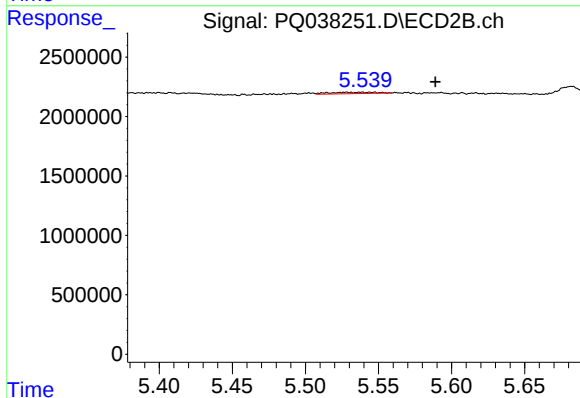
R.T.: 5.354 min  
Delta R.T.: -0.015 min  
Response: 750476  
Conc: 11.82 ng/ml



#7 AR-1016-5

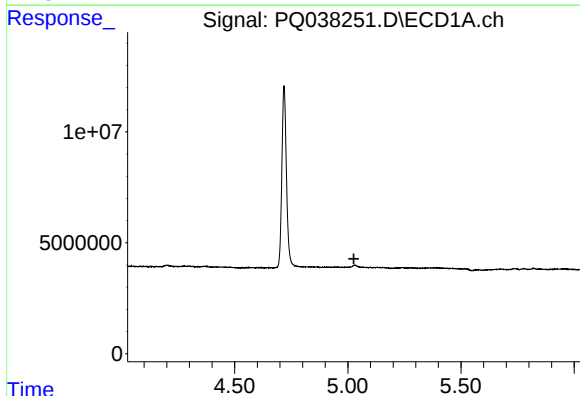
R.T.: 0.000 min  
Exp R.T.: 6.392 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



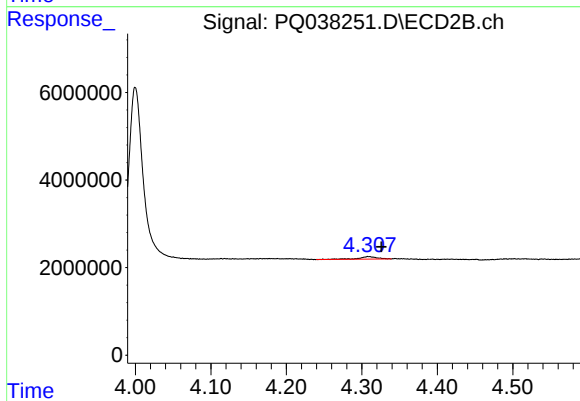
#7 AR-1016-5

R.T.: 5.538 min  
Delta R.T.: -0.051 min  
Response: 241146  
Conc: 2.75 ng/ml



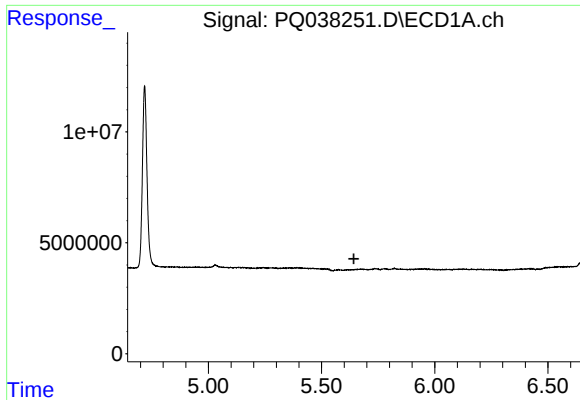
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 5.027 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

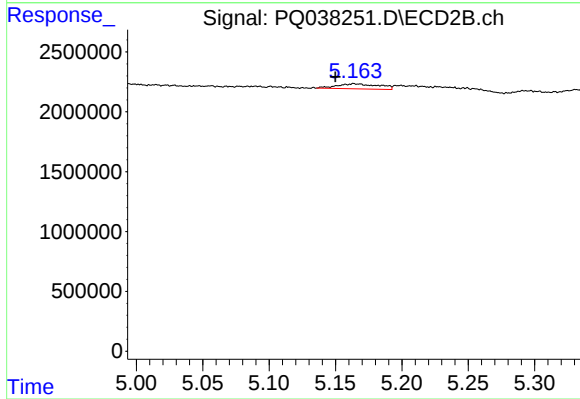
R.T.: 4.309 min  
Delta R.T.: -0.017 min  
Response: 1055573  
Conc: 63.41 ng/ml



#12 AR-1232-2

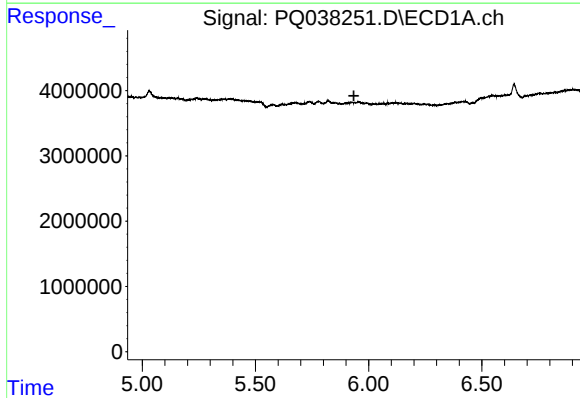
R.T.: 0.000 min  
Exp R.T.: 5.643 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



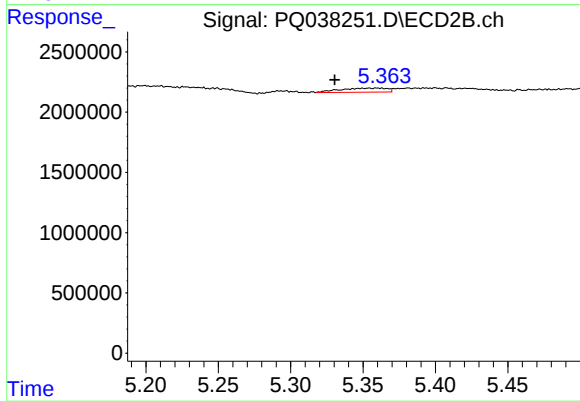
#12 AR-1232-2

R.T.: 5.164 min  
Delta R.T.: 0.014 min  
Response: 927134  
Conc: 20.77 ng/ml



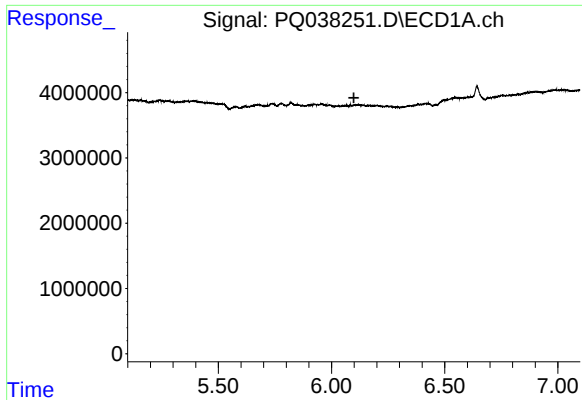
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.935 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

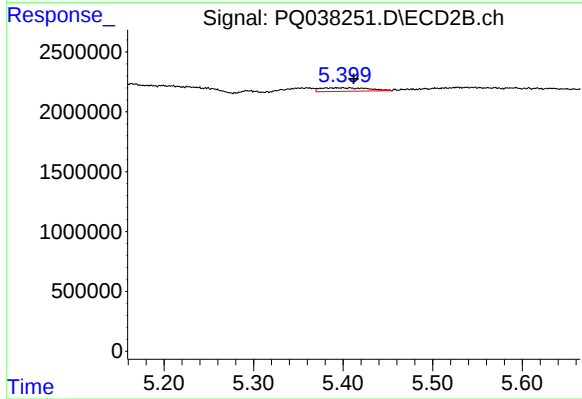
R.T.: 5.354 min  
Delta R.T.: 0.024 min  
Response: 750476  
Conc: 31.19 ng/ml



#14 AR-1232-4

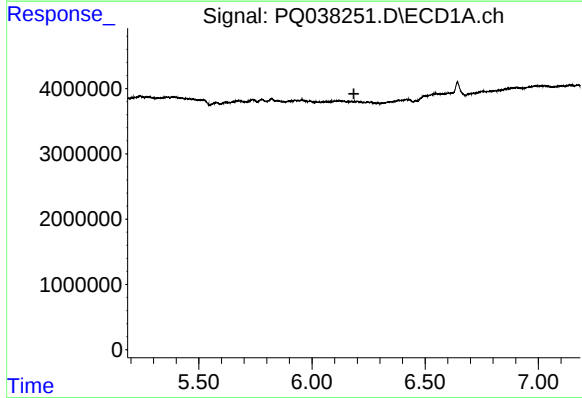
R.T.: 0.000 min  
Exp R.T. : 6.099 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



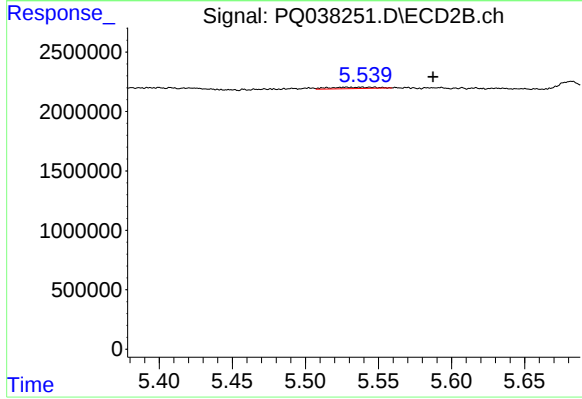
#14 AR-1232-4

R.T.: 5.408 min  
Delta R.T.: -0.004 min  
Response: 1078797  
Conc: 47.76 ng/ml



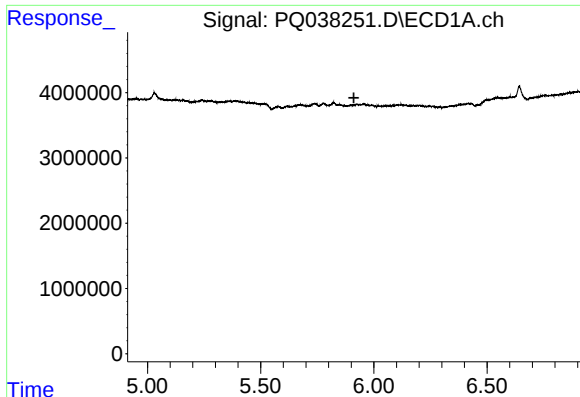
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.185 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

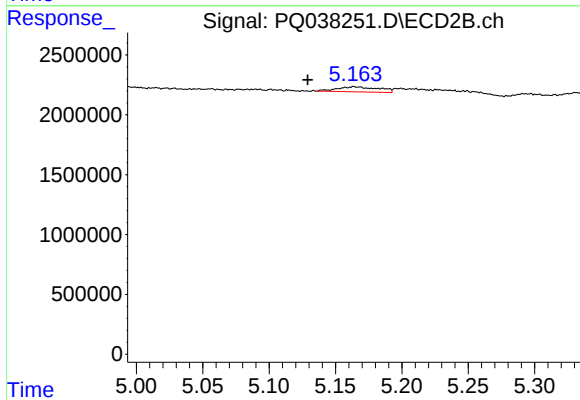
R.T.: 5.538 min  
Delta R.T.: -0.049 min  
Response: 241146  
Conc: 9.96 ng/ml



#16 AR-1242-1

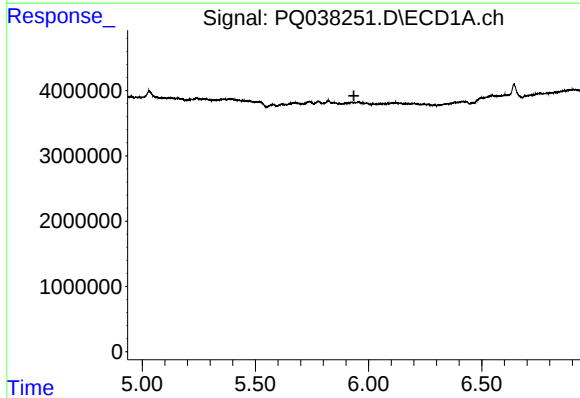
R.T.: 0.000 min  
Exp R.T. : 5.912 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



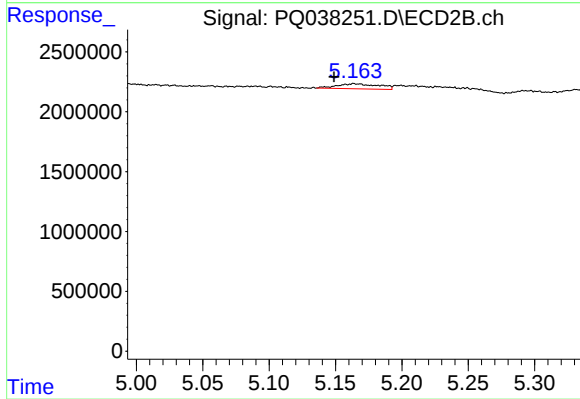
#16 AR-1242-1

R.T.: 5.164 min  
Delta R.T.: 0.035 min  
Response: 927134  
Conc: 13.17 ng/ml



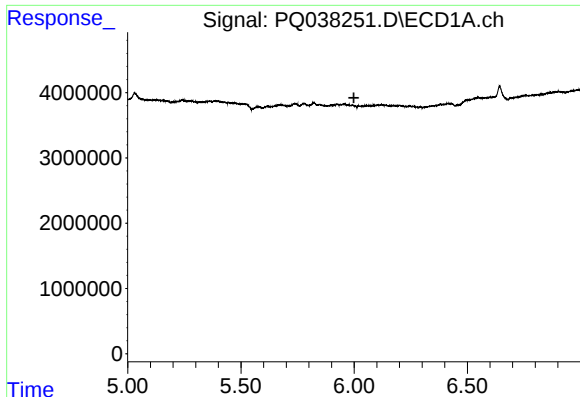
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.935 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

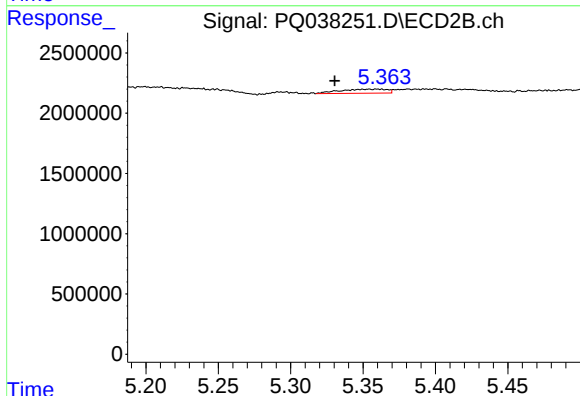
R.T.: 5.164 min  
Delta R.T.: 0.015 min  
Response: 927134  
Conc: 9.20 ng/ml



#18 AR-1242-3

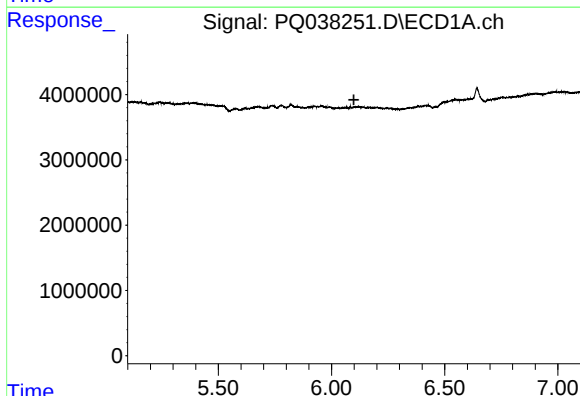
R.T.: 0.000 min  
Exp R.T.: 5.999 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



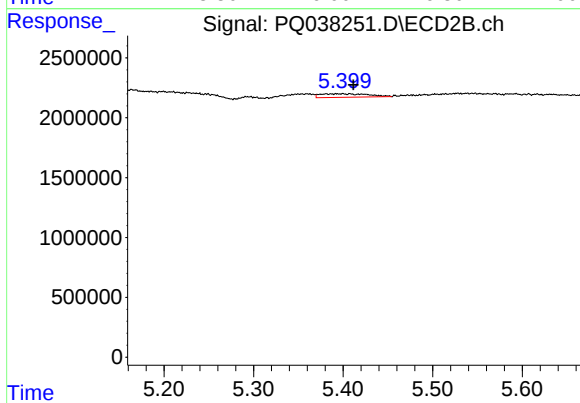
#18 AR-1242-3

R.T.: 5.354 min  
Delta R.T.: 0.023 min  
Response: 750476  
Conc: 14.02 ng/ml



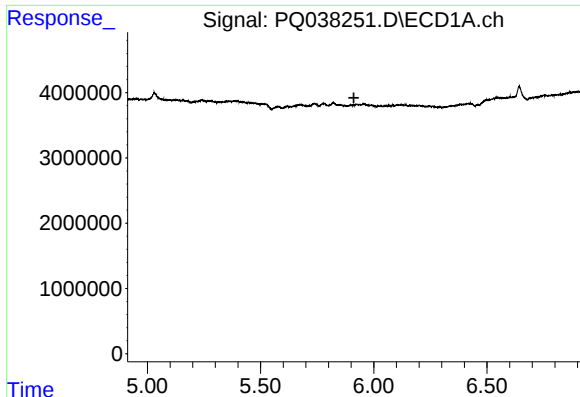
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 6.099 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

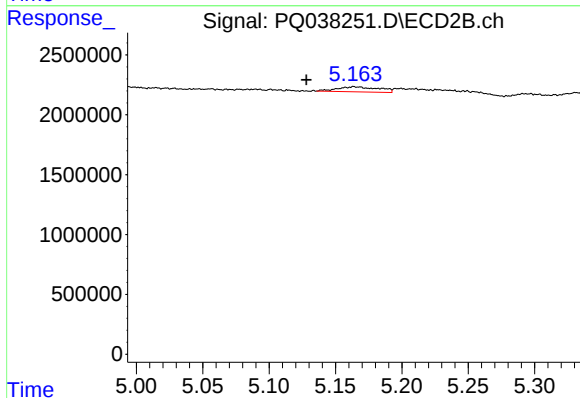
R.T.: 5.408 min  
Delta R.T.: -0.004 min  
Response: 1078797  
Conc: 19.87 ng/ml



#21 AR-1248-1

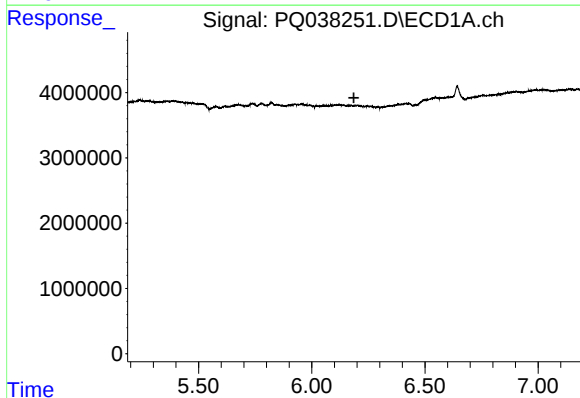
R.T.: 0.000 min  
Exp R.T. : 5.912 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



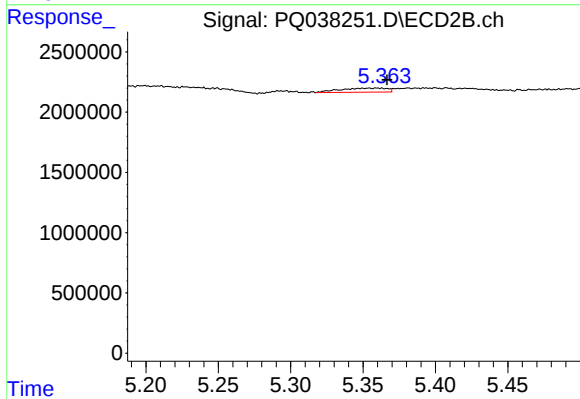
#21 AR-1248-1

R.T.: 5.164 min  
Delta R.T.: 0.036 min  
Response: 927134  
Conc: 18.48 ng/ml



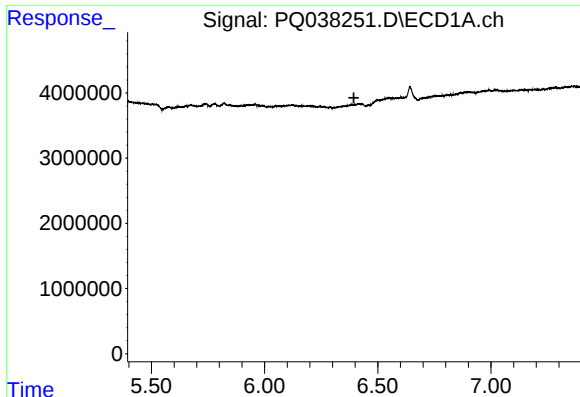
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.186 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

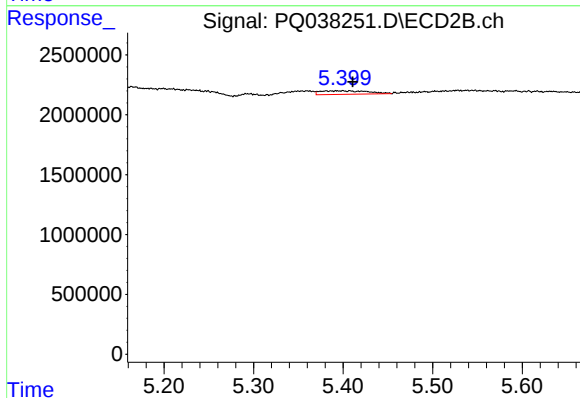
R.T.: 5.354 min  
Delta R.T.: -0.013 min  
Response: 750476  
Conc: 10.53 ng/ml



#23 AR-1248-3

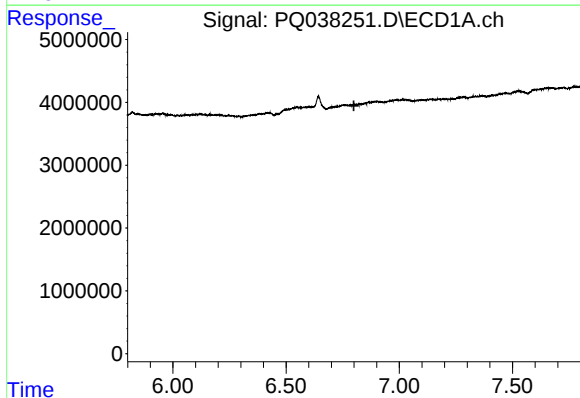
R.T.: 0.000 min  
Exp R.T.: 6.395 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



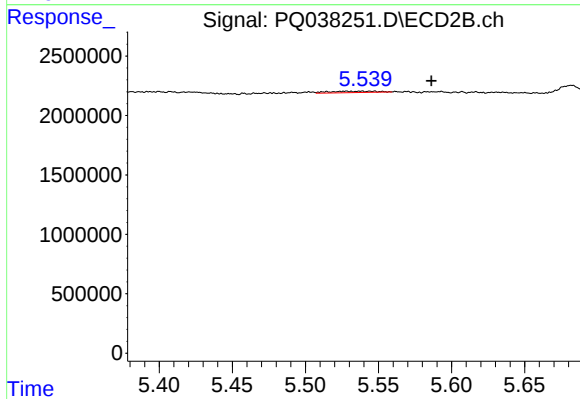
#23 AR-1248-3

R.T.: 5.408 min  
Delta R.T.: -0.003 min  
Response: 1078797  
Conc: 14.73 ng/ml



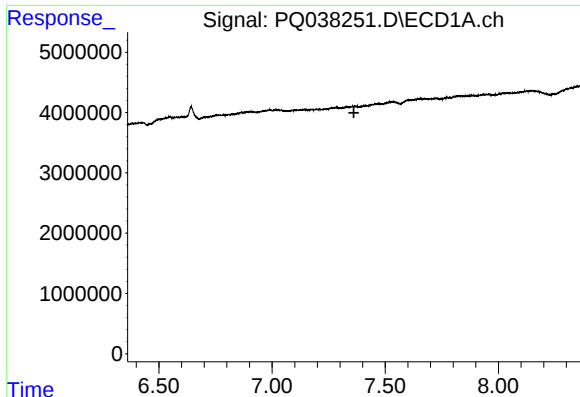
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.800 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

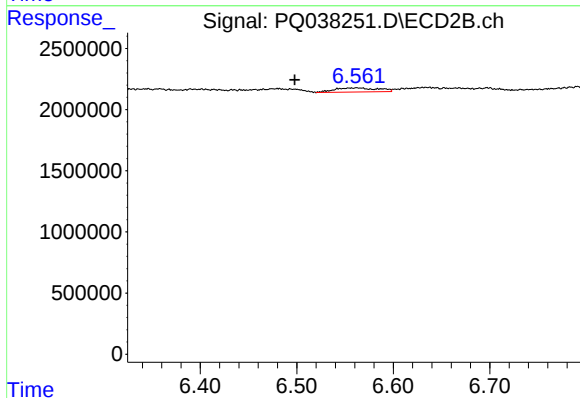
R.T.: 5.538 min  
Delta R.T.: -0.048 min  
Response: 241146  
Conc: 2.67 ng/ml



#28 AR-1254-3

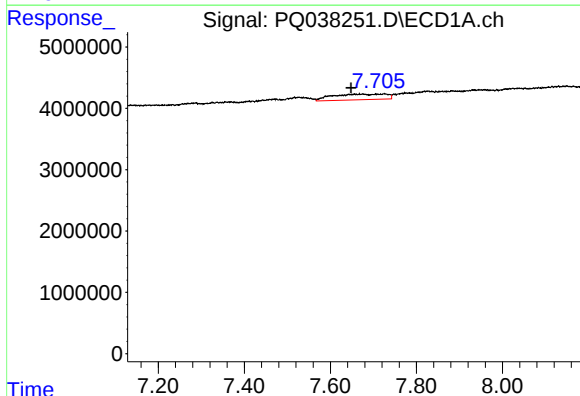
R.T.: 0.000 min  
Exp R.T.: 7.361 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



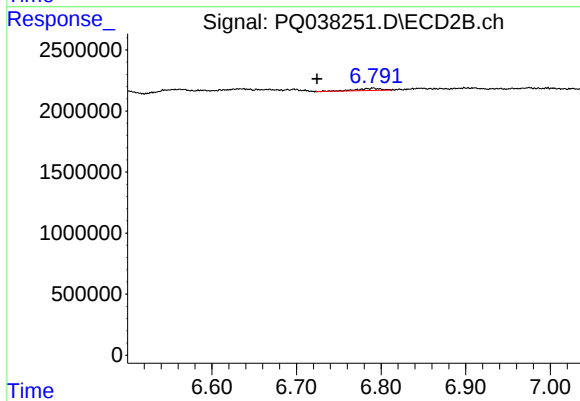
#28 AR-1254-3

R.T.: 6.562 min  
Delta R.T.: 0.064 min  
Response: 1038857  
Conc: 4.32 ng/ml



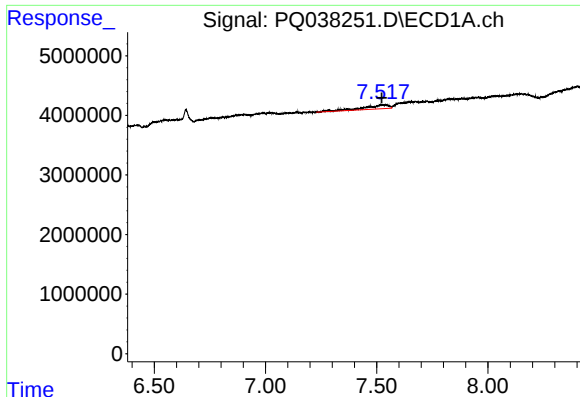
#29 AR-1254-4

R.T.: 7.706 min  
Delta R.T.: 0.057 min  
Response: 8053599  
Conc: 28.61 ng/ml



#29 AR-1254-4

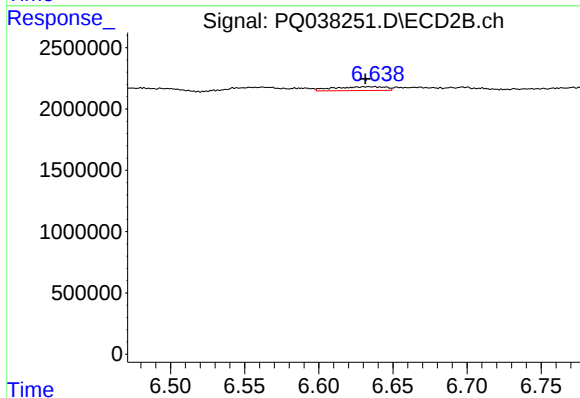
R.T.: 6.791 min  
Delta R.T.: 0.066 min  
Response: 395520  
Conc: 2.55 ng/ml



#31 AR-1260-1

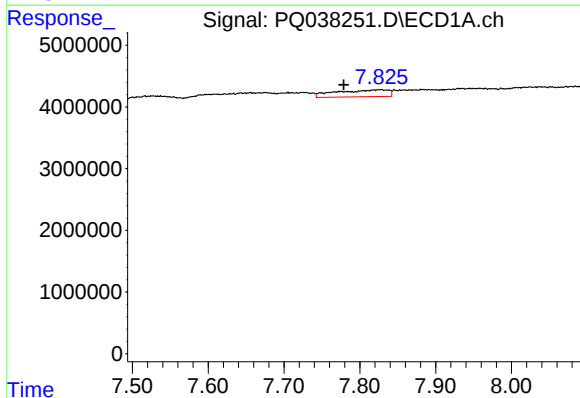
R.T.: 7.537 min  
Delta R.T.: 0.014 min  
Response: 5383990  
Conc: 12.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



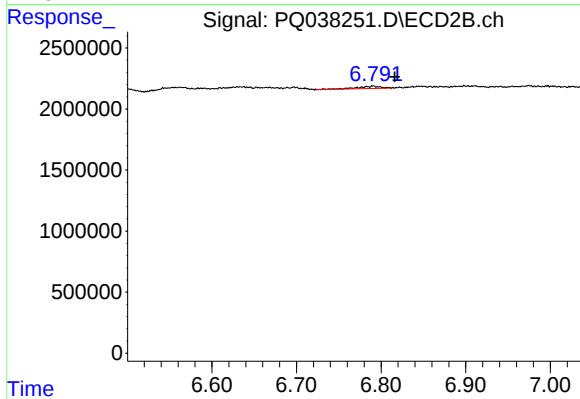
#31 AR-1260-1

R.T.: 6.637 min  
Delta R.T.: 0.005 min  
Response: 765759  
Conc: 3.75 ng/ml



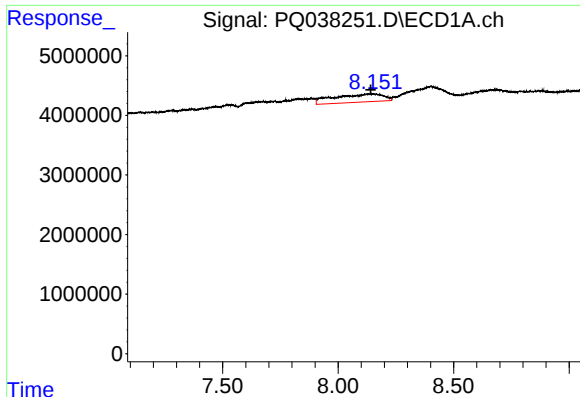
#32 AR-1260-2

R.T.: 7.826 min  
Delta R.T.: 0.047 min  
Response: 5370364  
Conc: 10.46 ng/ml



#32 AR-1260-2

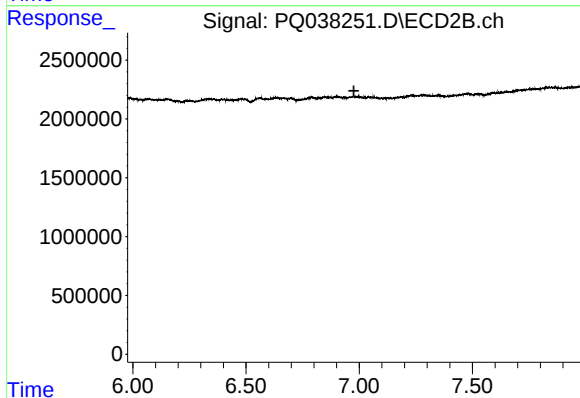
R.T.: 6.791 min  
Delta R.T.: -0.026 min  
Response: 395520  
Conc: 1.54 ng/ml



#33 AR-1260-3

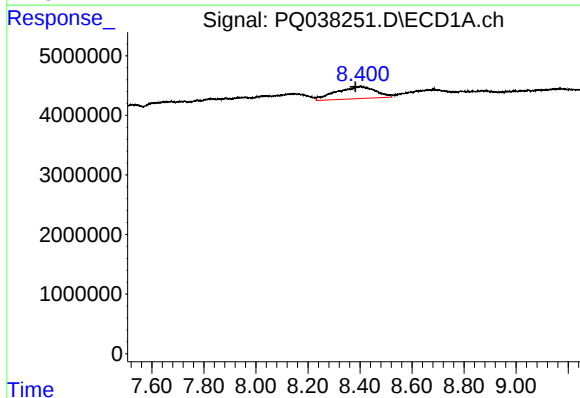
R.T.: 8.150 min  
Delta R.T.: 0.008 min  
Response: 20310588  
Conc: 52.51 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



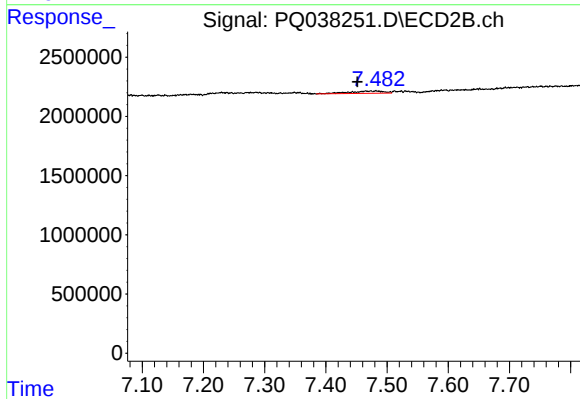
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.976 min  
Response: 0  
Conc: N.D.



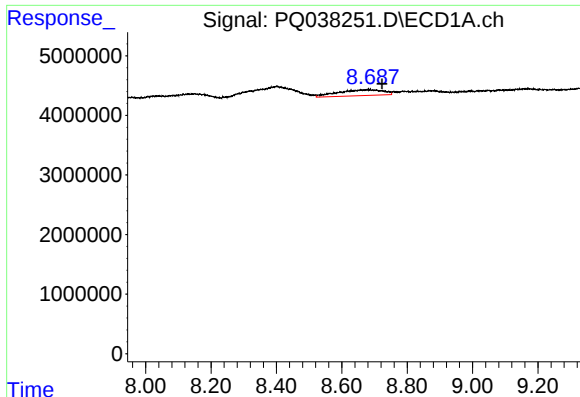
#34 AR-1260-4

R.T.: 8.401 min  
Delta R.T.: 0.018 min  
Response: 21233245  
Conc: 46.55 ng/ml



#34 AR-1260-4

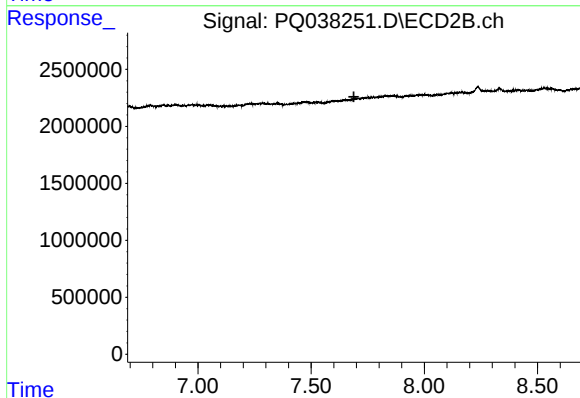
R.T.: 7.483 min  
Delta R.T.: 0.031 min  
Response: 766979  
Conc: 3.87 ng/ml



#35 AR-1260-5

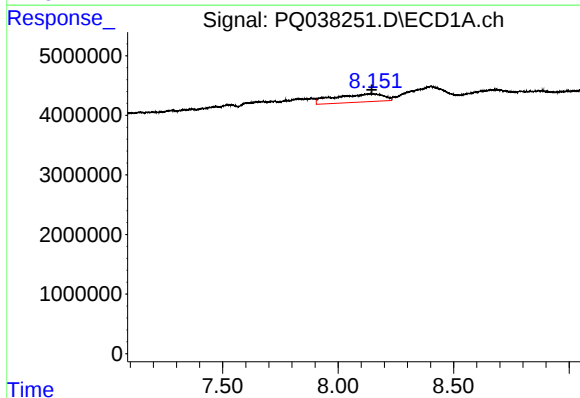
R.T.: 8.681 min  
Delta R.T.: -0.043 min  
Response: 9403281  
Conc: 9.93 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



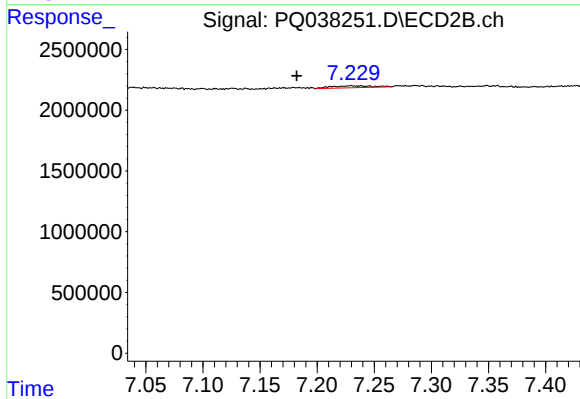
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.689 min  
Response: 0  
Conc: N.D.



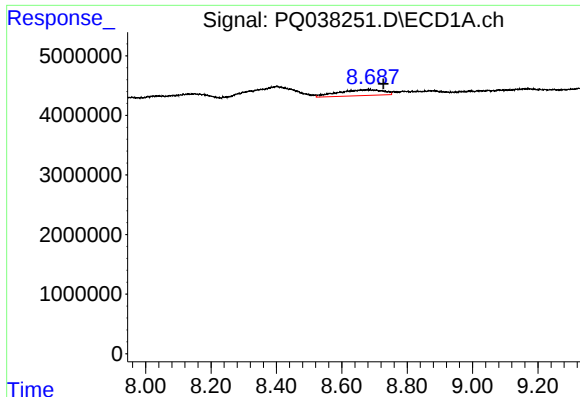
#36 AR-1262-1

R.T.: 8.150 min  
Delta R.T.: 0.005 min  
Response: 20310588  
Conc: 51.24 ng/ml



#36 AR-1262-1

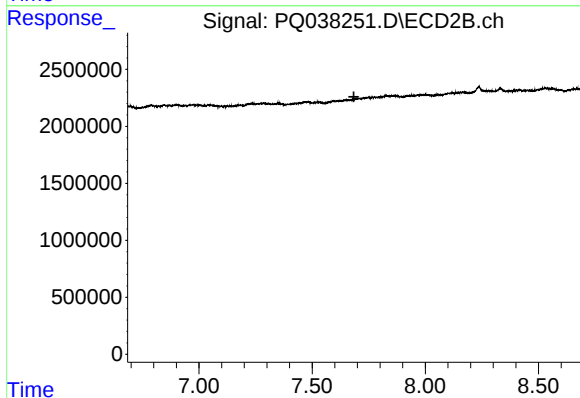
R.T.: 7.230 min  
Delta R.T.: 0.048 min  
Response: 413998  
Conc: 1.92 ng/ml



#37 AR-1262-2

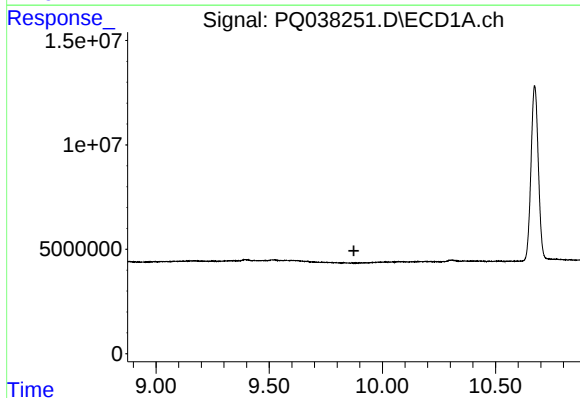
R.T.: 8.681 min  
Delta R.T.: -0.047 min  
Response: 9403281  
Conc: 13.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



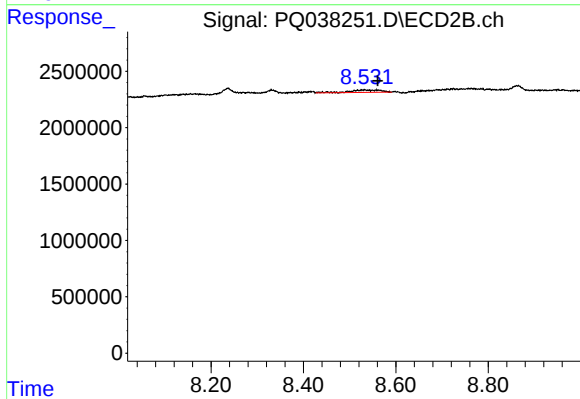
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.685 min  
Response: 0  
Conc: N.D.



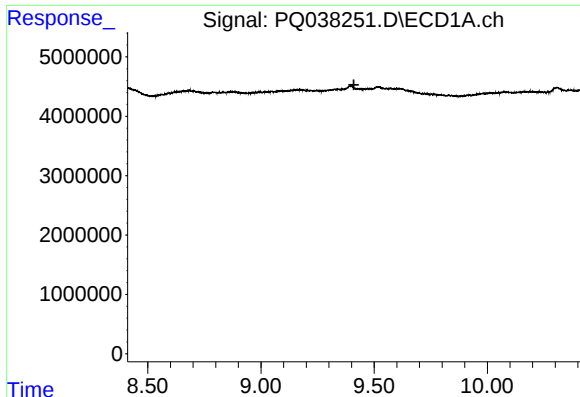
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 9.874 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

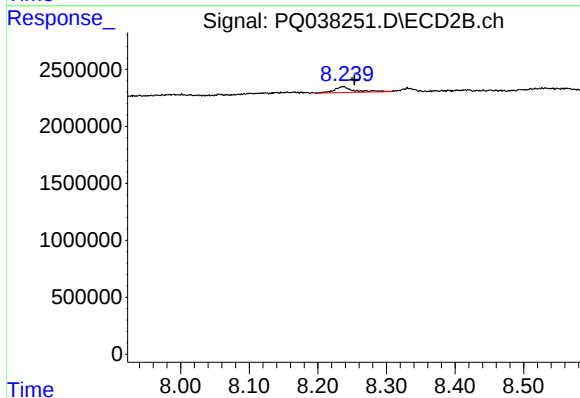
R.T.: 8.531 min  
Delta R.T.: -0.029 min  
Response: 995734  
Conc: 8.42 ng/ml



#43 AR-1268-3

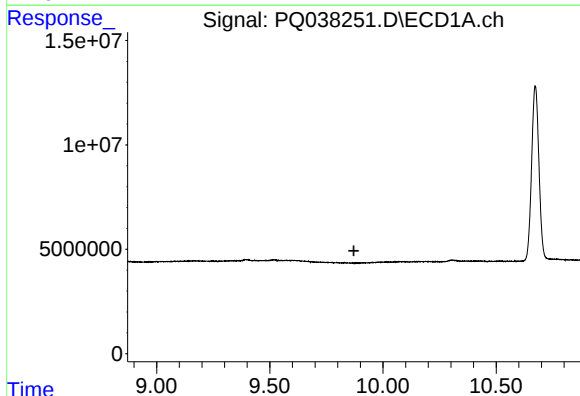
R.T.: 0.000 min  
Exp R.T.: 9.410 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



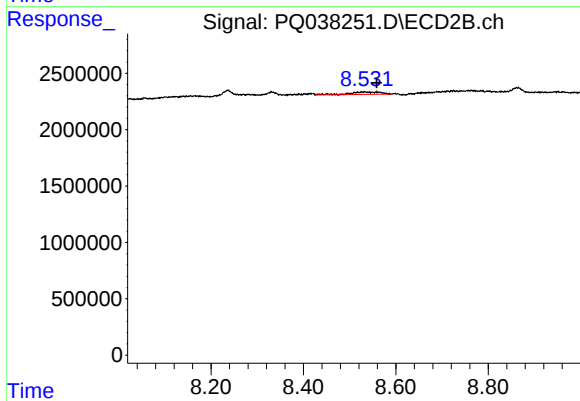
#43 AR-1268-3

R.T.: 8.237 min  
Delta R.T.: -0.017 min  
Response: 1013659  
Conc: 1.61 ng/ml



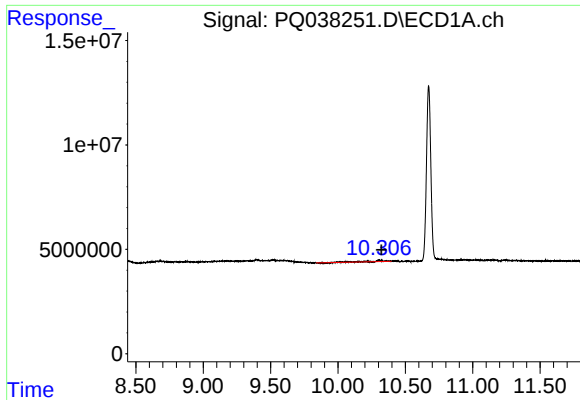
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 9.871 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

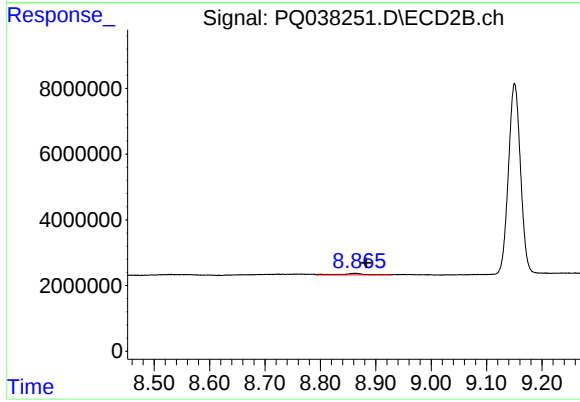
R.T.: 8.531 min  
Delta R.T.: -0.028 min  
Response: 995734  
Conc: 4.23 ng/ml



#45 AR-1268-5

R.T.: 10.307 min  
Delta R.T.: -0.014 min  
Response: 4125331  
Conc: 0.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.863 min  
Delta R.T.: -0.020 min  
Response: 1169779  
Conc: 0.61 ng/ml