

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ060319\  
 Data File : PQ040521.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jun 2019 13:52  
 Operator : SM\AJ  
 Sample : PB120187BL  
 Misc :  
 ALS Vial : 93 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 ABLK87

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 04 02:15:09 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ052219CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu May 23 04:10:58 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... | 5.583  | 4.726  | 66387790 | 51012561 | 20.265 | 23.751    |
| 2)                          | SA Decachlor... | 11.877 | 10.439 | 263.6E6  | 158.6E6  | 36.900 | 38.154    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 4)                          | L1 AR-1016-2    | 7.124  | 0.000  | 3413196  | 0        | 12.983 | N.D. #    |
| 5)                          | L1 AR-1016-3    | 7.124  | 6.406  | 3413196  | 529055   | 19.998 | 4.905 #   |
| 7)                          | L1 AR-1016-5    | 7.652  | 6.748  | 6687529  | 303497   | 48.207 | 2.636 #   |
| 8)                          | L2 AR-1221-1    | 5.840  | 5.027  | 1456592  | 185003   | 41.566 | 7.549 #   |
| 9)                          | L2 AR-1221-2    | 5.976  | 5.144  | 1365349  | 1647343  | 61.971 | 101.140 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 5.230  | 0        | 510840   | N.D.   | 8.401 #   |
| 11)                         | L3 AR-1232-1    | 0.000  | 5.230  | 0        | 510840   | N.D.   | 11.148 #  |
| 13)                         | L3 AR-1232-3    | 7.124  | 6.406  | 3413196  | 529055   | 42.236 | 15.044 #  |
| 15)                         | L3 AR-1232-5    | 7.349  | 6.748  | 1889665  | 303497   | 59.625 | 10.081 #  |
| 17)                         | L4 AR-1242-2    | 7.124  | 0.000  | 3413196  | 0        | 23.618 | N.D. #    |
| 18)                         | L4 AR-1242-3    | 7.124  | 6.406  | 3413196  | 529055   | 36.665 | 8.770 #   |
| 20)                         | L4 AR-1242-5    | 8.029  | 7.150  | 3304854  | 1683647  | 38.121 | 20.892 #  |
| 21)                         | L5 AR-1248-1    | 7.124  | 0.000  | 3413196  | 0        | 44.097 | N.D. #    |
| 22)                         | L5 AR-1248-2    | 7.349  | 0.000  | 1889665  | 0        | 16.777 | N.D. #    |
| 23)                         | L5 AR-1248-3    | 7.652  | 6.554  | 6687529  | -24874   | 48.451 | N.D. #    |
| 24)                         | L5 AR-1248-4    | 8.029  | 6.748  | 3304854  | 303497   | 21.891 | 2.748 #   |
| 25)                         | L5 AR-1248-5    | 8.029  | 7.150  | 3304854  | 1683647  | 21.951 | 14.829 #  |
| 26)                         | L6 AR-1254-1    | 8.029  | 7.150  | 3304854  | 1683647  | 18.950 | 8.790 #   |
| 27)                         | L6 AR-1254-2    | 8.190  | 7.324  | 1448423  | 437975   | 5.237  | 2.521 #   |
| 28)                         | L6 AR-1254-3    | 8.656  | 7.739  | 1027391  | 475651   | 3.462  | 1.646 #   |
| 29)                         | L6 AR-1254-4    | 0.000  | 7.997  | 0        | 219231   | N.D.   | 1.228 #   |
| 30)                         | L6 AR-1254-5    | 0.000  | 8.432  | 0        | 45790    | N.D.   | 0.178 #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 7.878  | 0        | 339791   | N.D.   | 1.239 #   |
| 32)                         | L7 AR-1260-2    | 0.000  | 8.072  | 0        | 1501517  | N.D.   | 4.341 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 8.299  | 0        | 805241   | N.D.   | 2.511 #   |
| 34)                         | L7 AR-1260-4    | 0.000  | 8.759  | 0        | 558344   | N.D.   | 2.055 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 8.547  | 0        | 92570    | N.D.   | 0.815 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 9.304  | 0        | 357141   | N.D.   | 1.699 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 9.380  | 0        | 333301   | N.D.   | 0.880 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 9.304  | 0        | 357141   | N.D.   | 0.783 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 9.380  | 0        | 333301   | N.D.   | 0.762 #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 9.555  | 0        | 509648   | N.D.   | 1.358 #   |
| 45)                         | L9 AR-1268-5    | 11.536 | 10.176 | 1819411  | 1640077  | 0.985  | 1.390 #   |
| -----                       |                 |        |        |          |          |        |           |

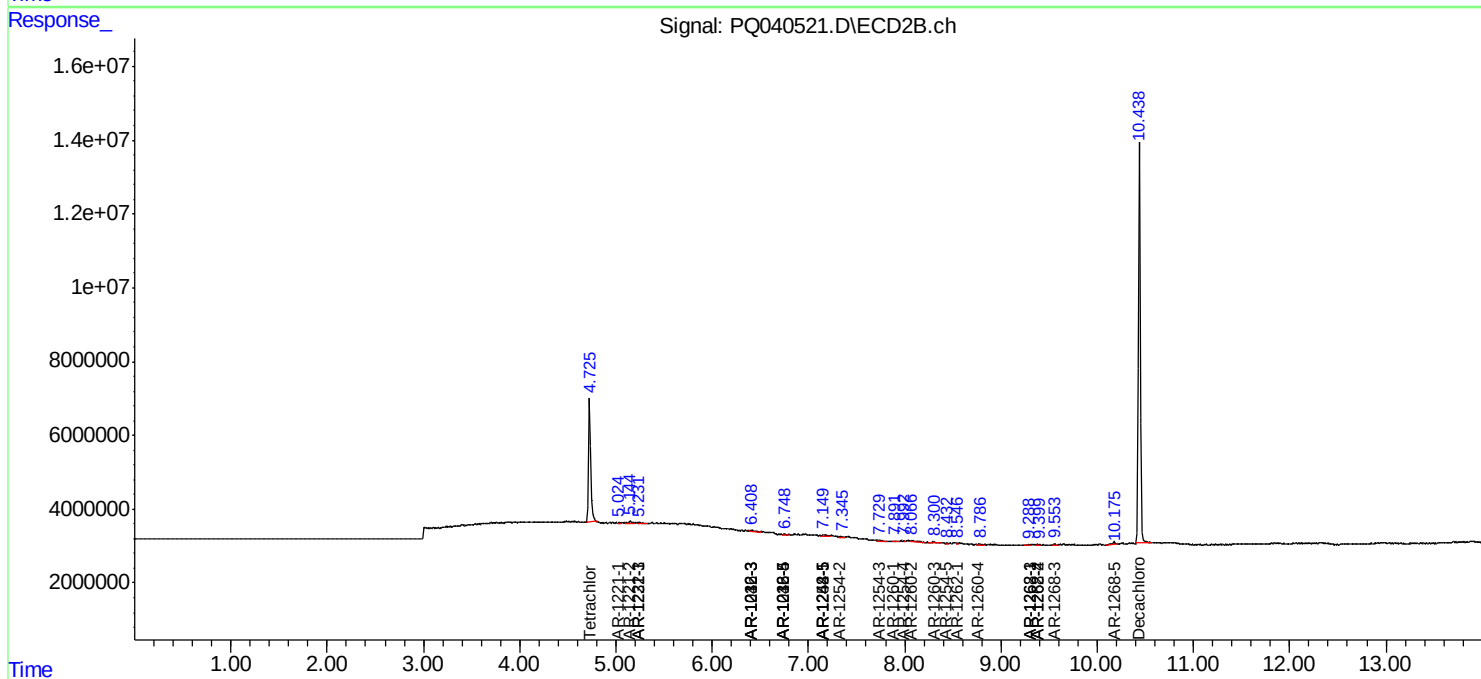
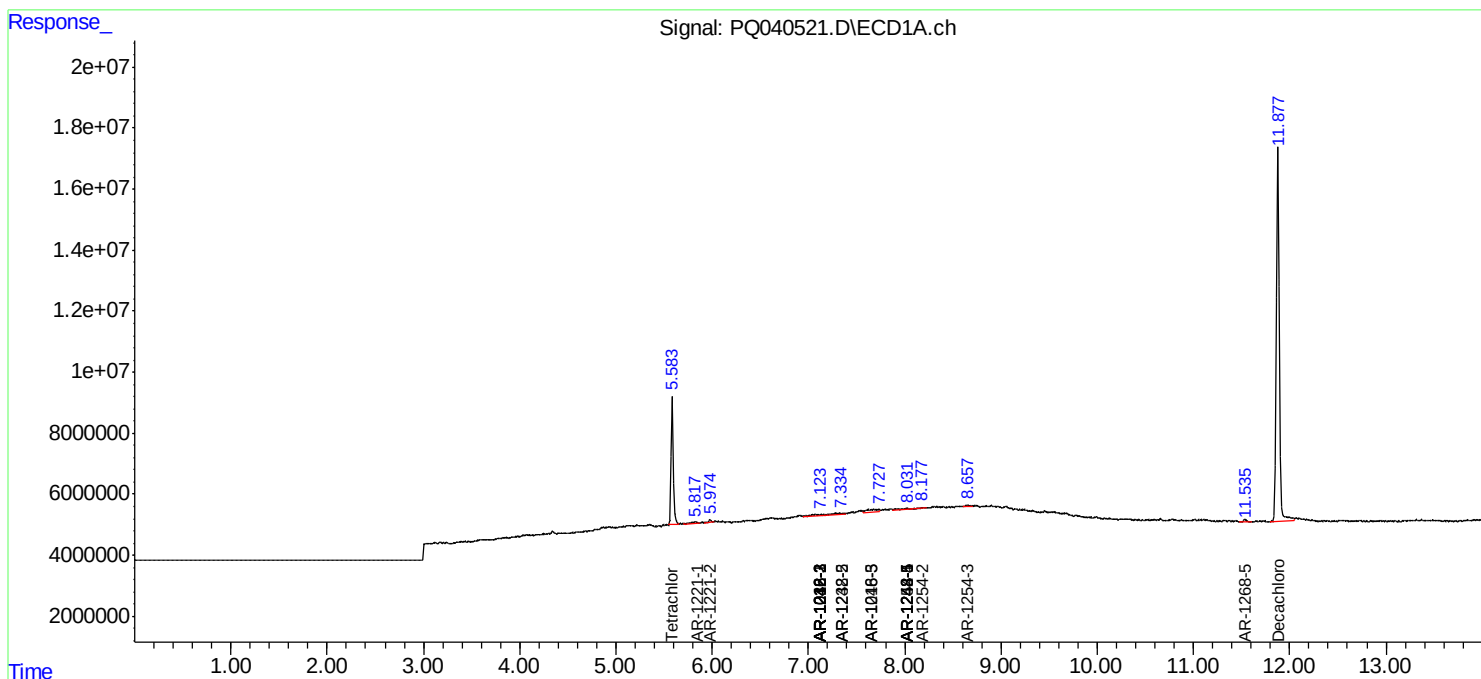
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

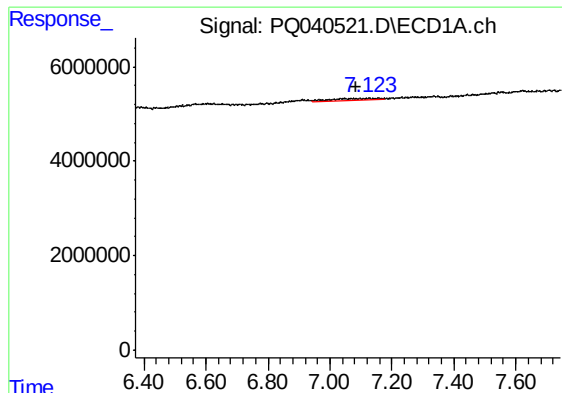
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ060319\  
Data File : PQ040521.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jun 2019 13:52  
Operator : SM\AJ  
Sample : PB120187BL  
Misc :  
ALS Vial : 93 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :  
ABLK87

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 04 02:15:09 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ052219CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu May 23 04:10:58 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

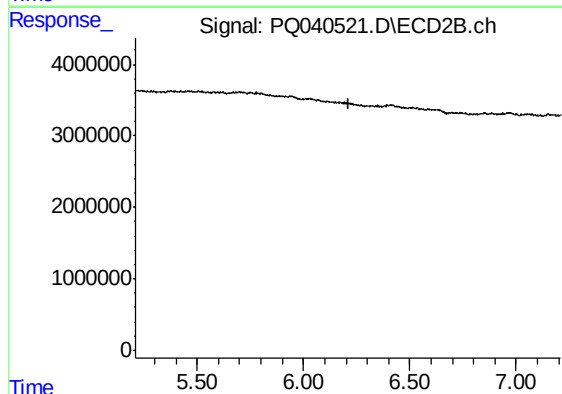




#4 AR-1016-2

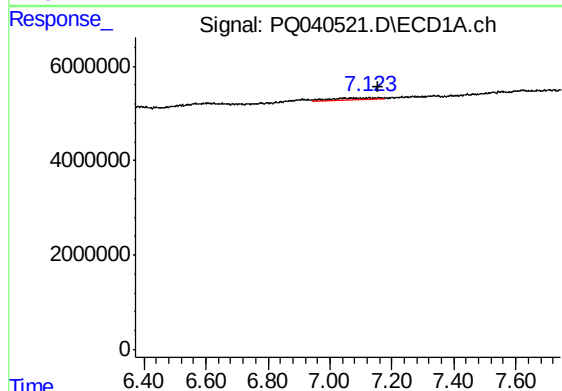
R.T.: 7.124 min  
Delta R.T.: 0.038 min  
Response: 3413196  
Conc: 12.98 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



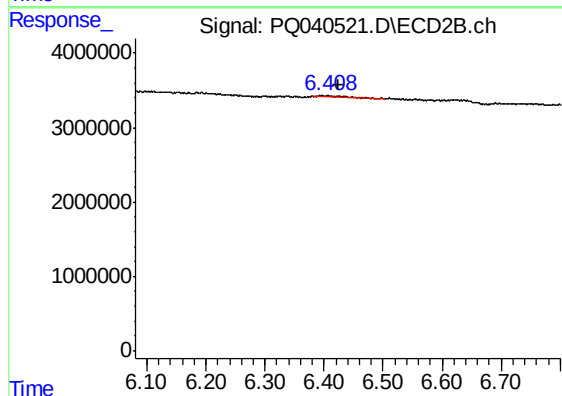
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 6.209 min  
Response: 0  
Conc: N.D.



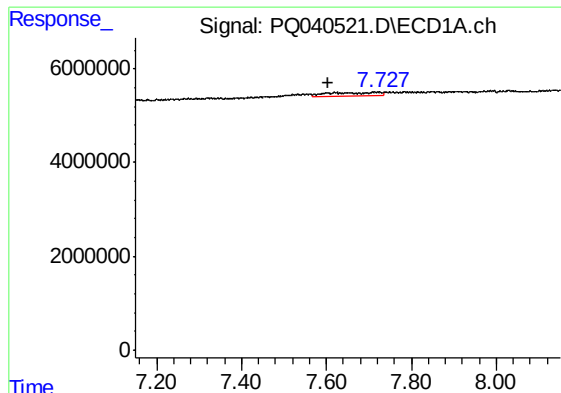
#5 AR-1016-3

R.T.: 7.124 min  
Delta R.T.: -0.032 min  
Response: 3413196  
Conc: 20.00 ng/ml



#5 AR-1016-3

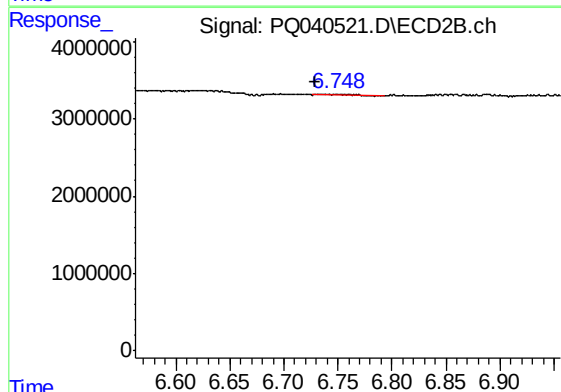
R.T.: 6.406 min  
Delta R.T.: -0.017 min  
Response: 529055  
Conc: 4.91 ng/ml



#7 AR-1016-5

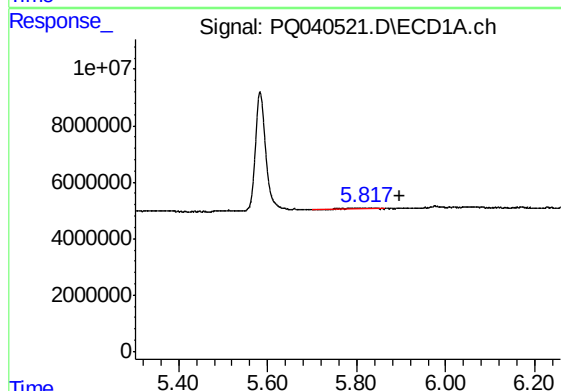
R.T.: 7.652 min  
Delta R.T.: 0.048 min  
Response: 6687529  
Conc: 48.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



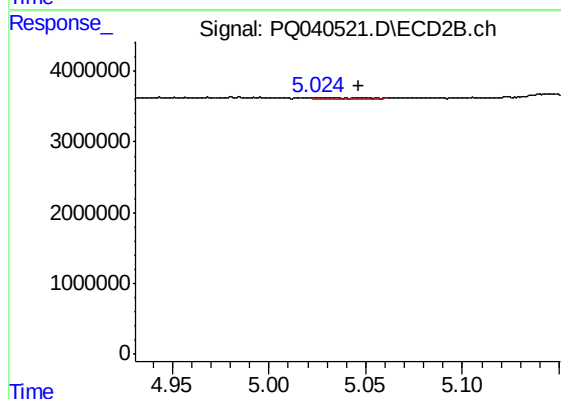
#7 AR-1016-5

R.T.: 6.748 min  
Delta R.T.: 0.018 min  
Response: 303497  
Conc: 2.64 ng/ml



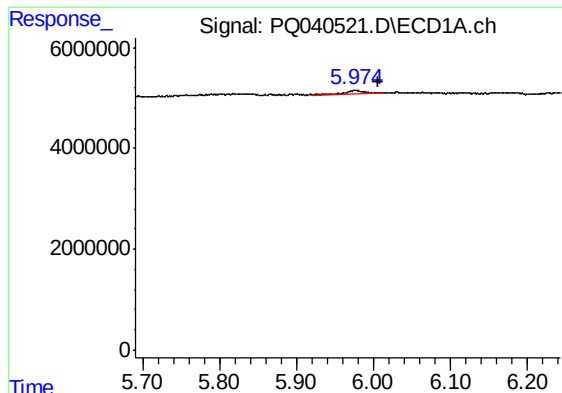
#8 AR-1221-1

R.T.: 5.840 min  
Delta R.T.: -0.057 min  
Response: 1456592  
Conc: 41.57 ng/ml



#8 AR-1221-1

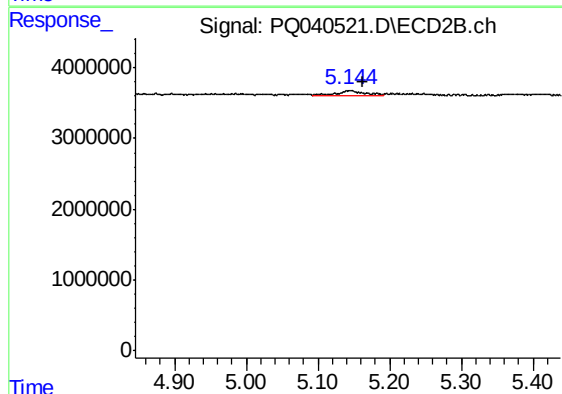
R.T.: 5.027 min  
Delta R.T.: -0.020 min  
Response: 185003  
Conc: 7.55 ng/ml



#9 AR-1221-2

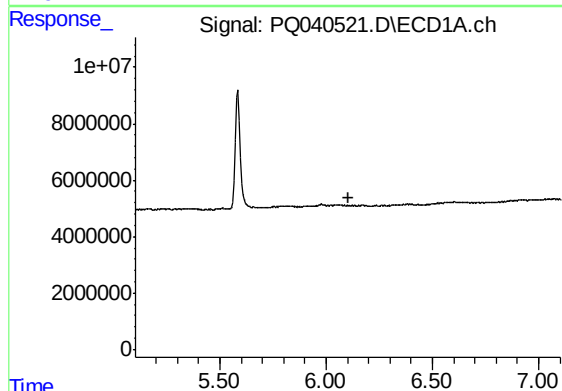
R.T.: 5.976 min  
Delta R.T.: -0.030 min  
Response: 1365349  
Conc: 61.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



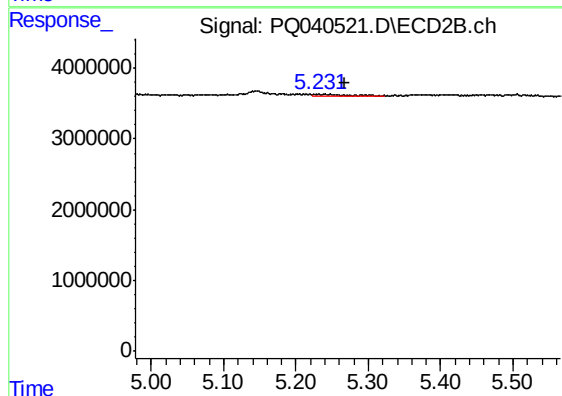
#9 AR-1221-2

R.T.: 5.144 min  
Delta R.T.: -0.019 min  
Response: 1647343  
Conc: 101.14 ng/ml



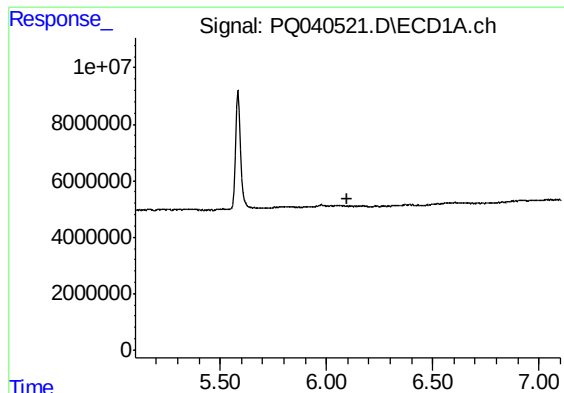
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 6.103 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

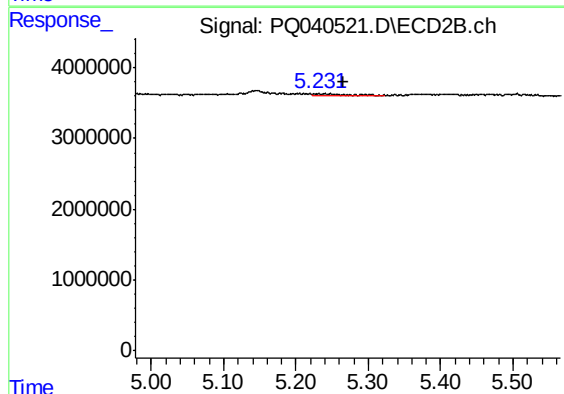
R.T.: 5.230 min  
Delta R.T.: -0.036 min  
Response: 510840  
Conc: 8.40 ng/ml



#11 AR-1232-1

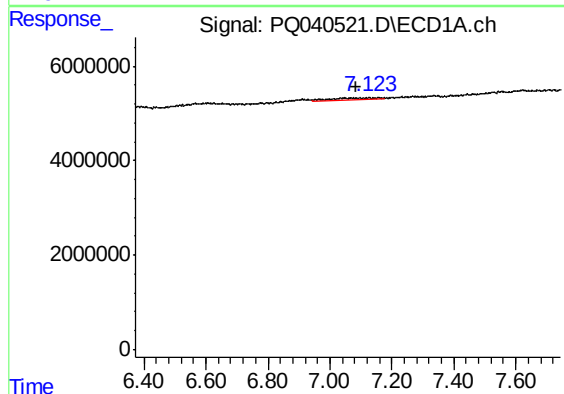
R.T.: 0.000 min  
Exp R.T.: 6.101 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



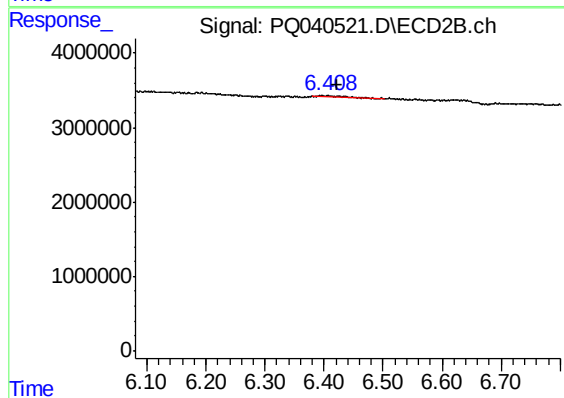
#11 AR-1232-1

R.T.: 5.230 min  
Delta R.T.: -0.035 min  
Response: 510840  
Conc: 11.15 ng/ml



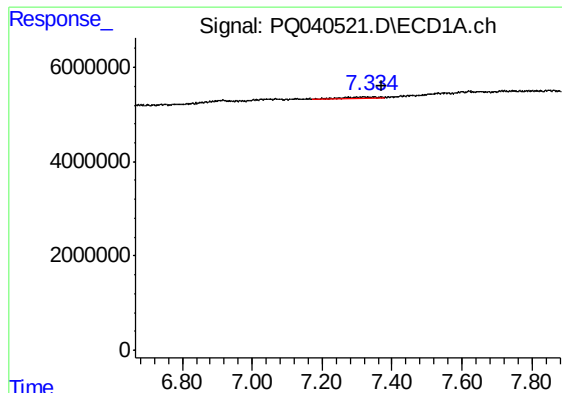
#13 AR-1232-3

R.T.: 7.124 min  
Delta R.T.: 0.039 min  
Response: 3413196  
Conc: 42.24 ng/ml



#13 AR-1232-3

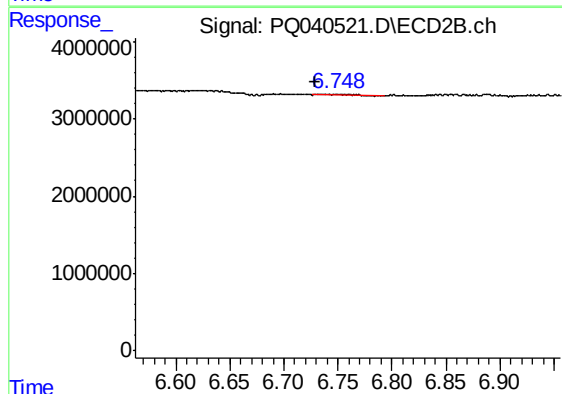
R.T.: 6.406 min  
Delta R.T.: -0.017 min  
Response: 529055  
Conc: 15.04 ng/ml



#15 AR-1232-5

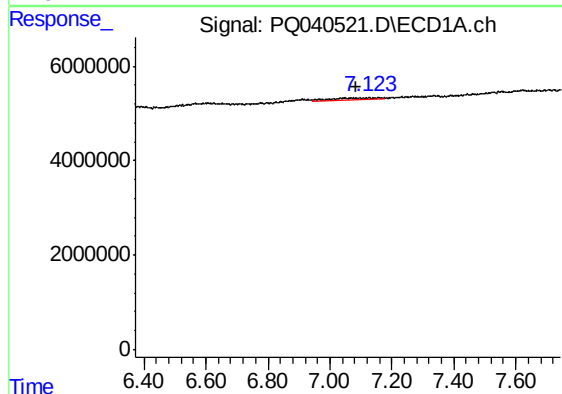
R.T.: 7.349 min  
Delta R.T.: -0.023 min  
Response: 1889665  
Conc: 59.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



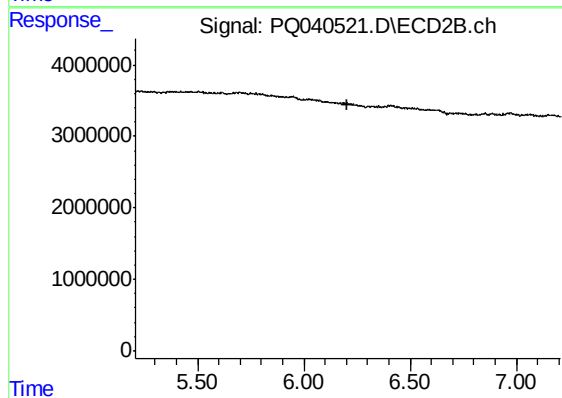
#15 AR-1232-5

R.T.: 6.748 min  
Delta R.T.: 0.019 min  
Response: 303497  
Conc: 10.08 ng/ml



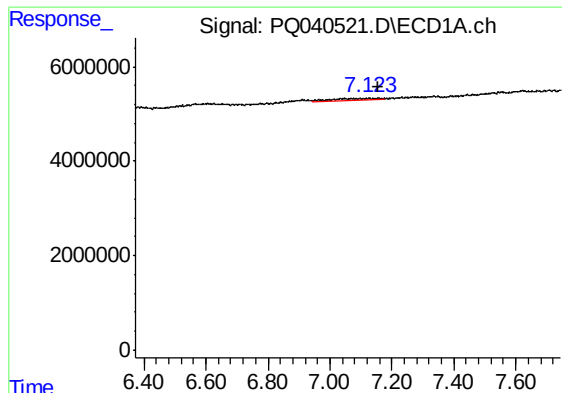
#17 AR-1242-2

R.T.: 7.124 min  
Delta R.T.: 0.039 min  
Response: 3413196  
Conc: 23.62 ng/ml



#17 AR-1242-2

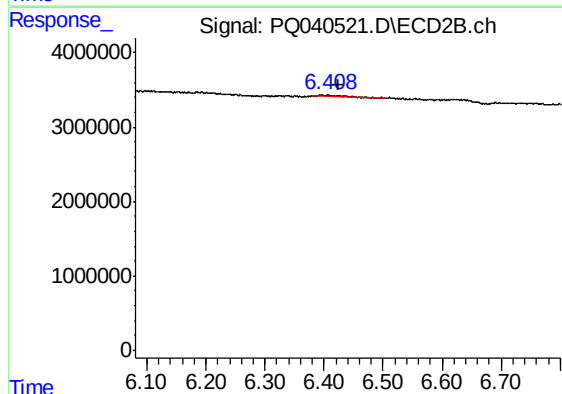
R.T.: 0.000 min  
Exp R.T. : 6.207 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

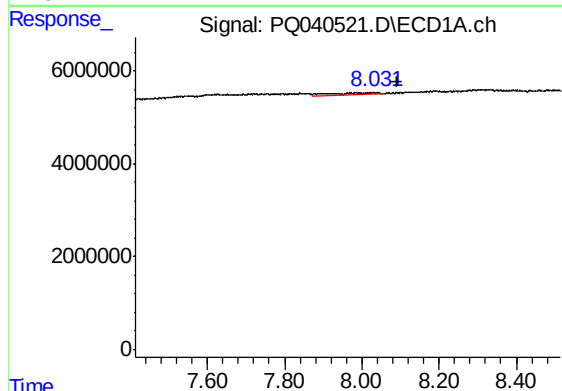
R.T.: 7.124 min  
Delta R.T.: -0.031 min  
Response: 3413196  
Conc: 36.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



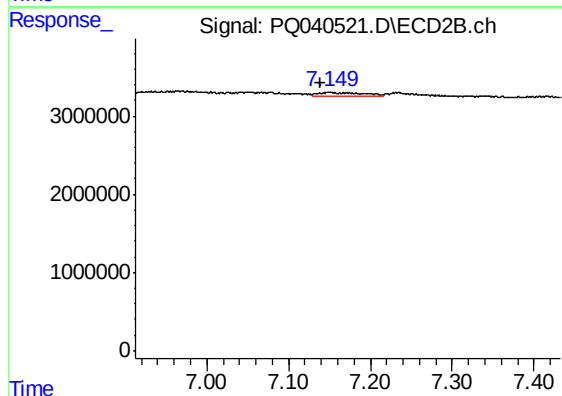
#18 AR-1242-3

R.T.: 6.406 min  
Delta R.T.: -0.017 min  
Response: 529055  
Conc: 8.77 ng/ml



#20 AR-1242-5

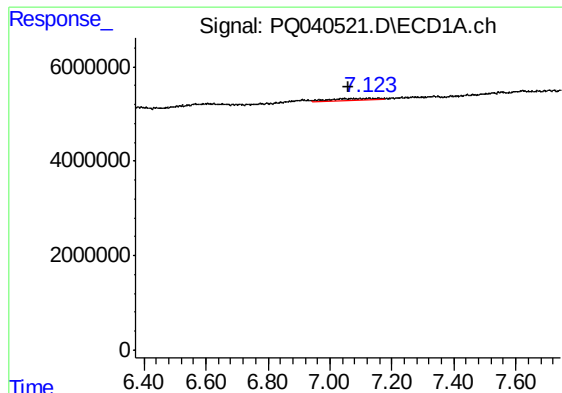
R.T.: 8.029 min  
Delta R.T.: -0.061 min  
Response: 3304854  
Conc: 38.12 ng/ml



#20 AR-1242-5

R.T.: 7.150 min  
Delta R.T.: 0.012 min  
Response: 1683647  
Conc: 20.89 ng/ml

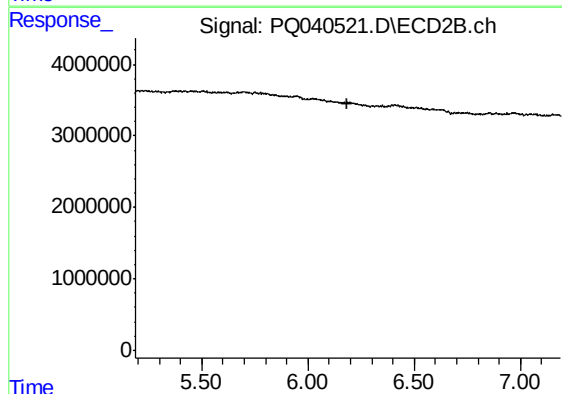




#21 AR-1248-1

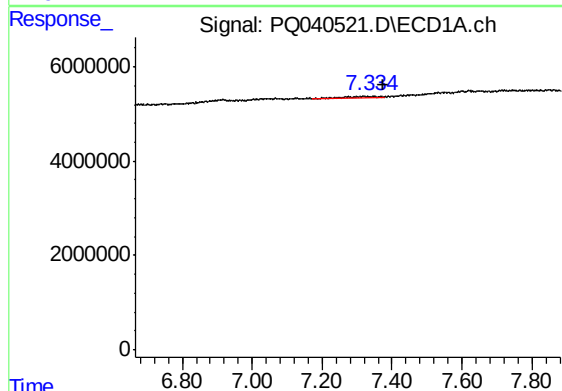
R.T.: 7.124 min  
Delta R.T.: 0.063 min  
Response: 3413196  
Conc: 44.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



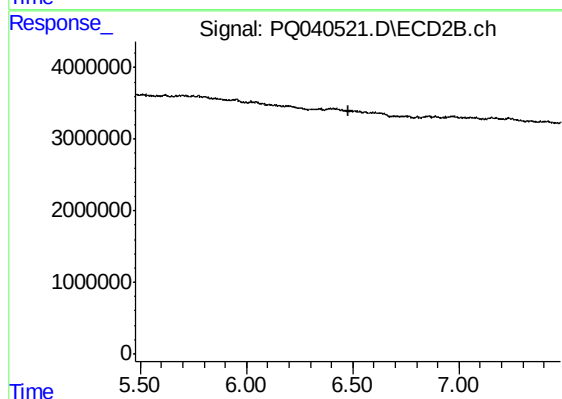
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 6.188 min  
Response: 0  
Conc: N.D.



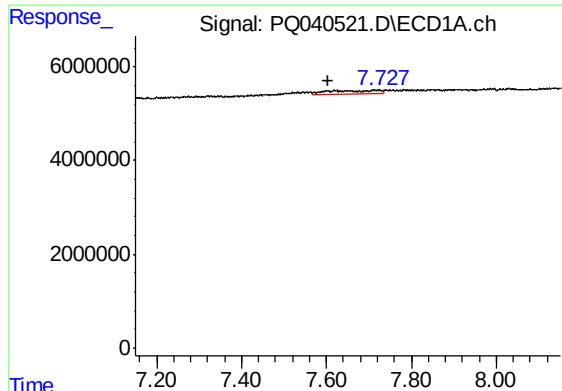
#22 AR-1248-2

R.T.: 7.349 min  
Delta R.T.: -0.025 min  
Response: 1889665  
Conc: 16.78 ng/ml



#22 AR-1248-2

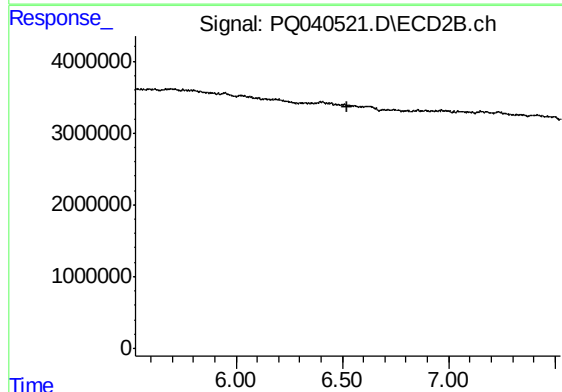
R.T.: 0.000 min  
Exp R.T. : 6.477 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

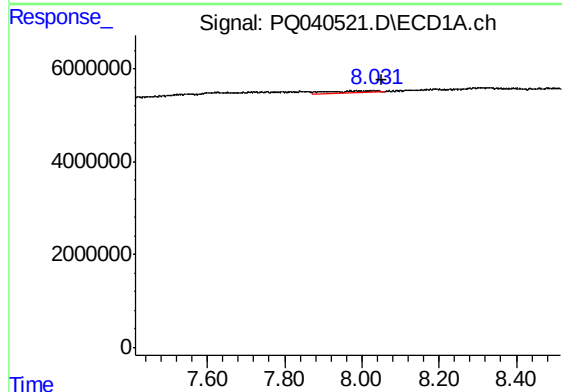
R.T.: 7.652 min  
Delta R.T.: 0.049 min  
Response: 6687529  
Conc: 48.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



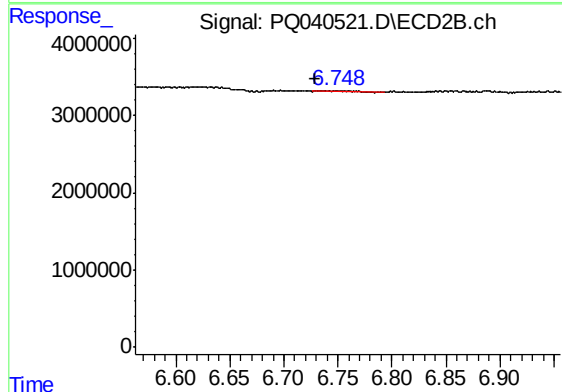
#23 AR-1248-3

R.T.: 6.554 min  
Delta R.T.: 0.028 min  
Response: -24874  
Conc: N.D.



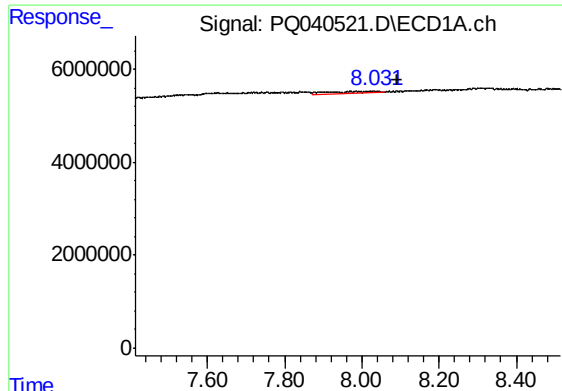
#24 AR-1248-4

R.T.: 8.029 min  
Delta R.T.: -0.021 min  
Response: 3304854  
Conc: 21.89 ng/ml



#24 AR-1248-4

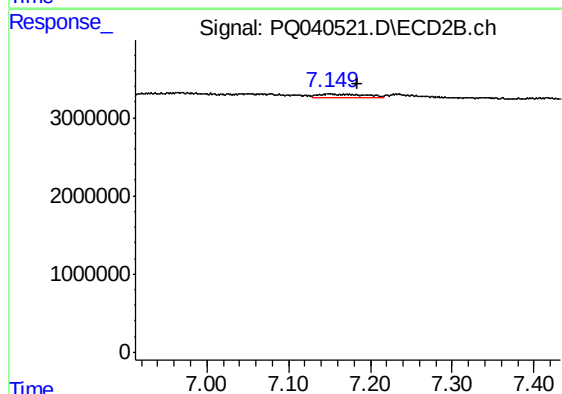
R.T.: 6.748 min  
Delta R.T.: 0.019 min  
Response: 303497  
Conc: 2.75 ng/ml



#25 AR-1248-5

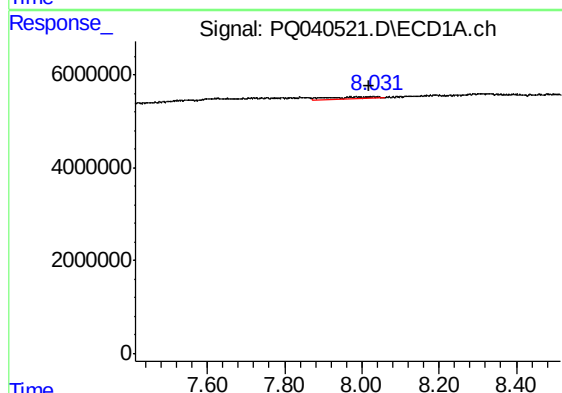
R.T.: 8.029 min  
Delta R.T.: -0.062 min  
Response: 3304854  
Conc: 21.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



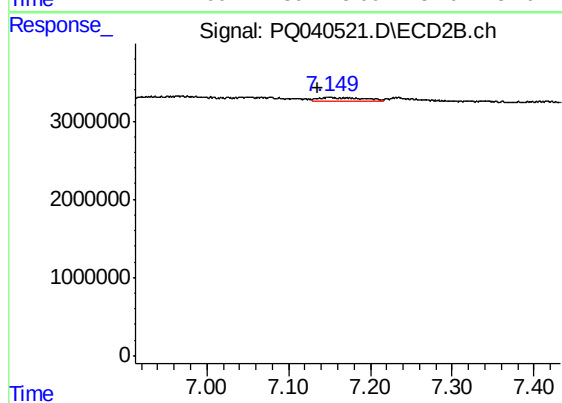
#25 AR-1248-5

R.T.: 7.150 min  
Delta R.T.: -0.035 min  
Response: 1683647  
Conc: 14.83 ng/ml



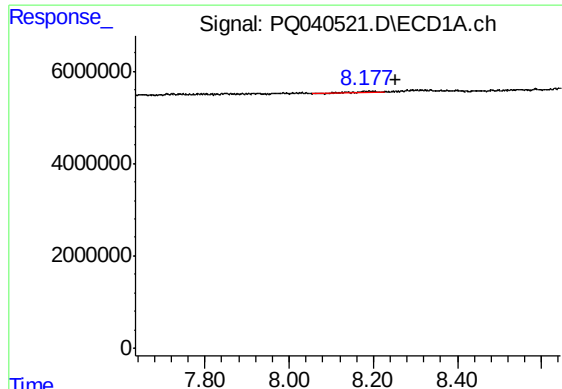
#26 AR-1254-1

R.T.: 8.029 min  
Delta R.T.: 0.012 min  
Response: 3304854  
Conc: 18.95 ng/ml



#26 AR-1254-1

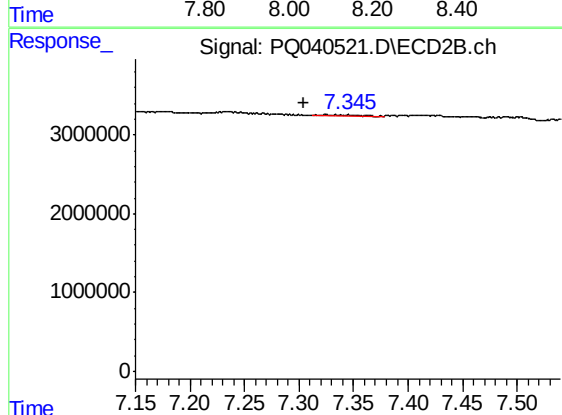
R.T.: 7.150 min  
Delta R.T.: 0.014 min  
Response: 1683647  
Conc: 8.79 ng/ml



#27 AR-1254-2

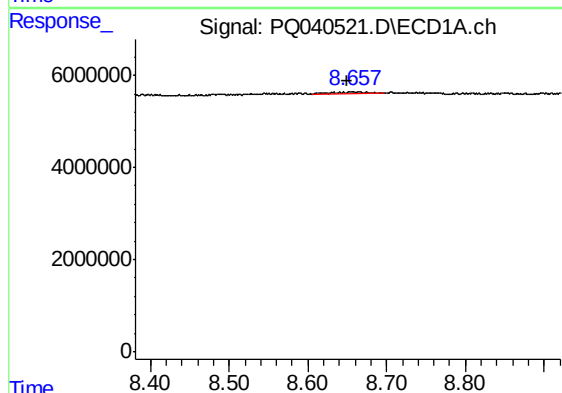
R.T.: 8.190 min  
Delta R.T.: -0.065 min  
Response: 1448423  
Conc: 5.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



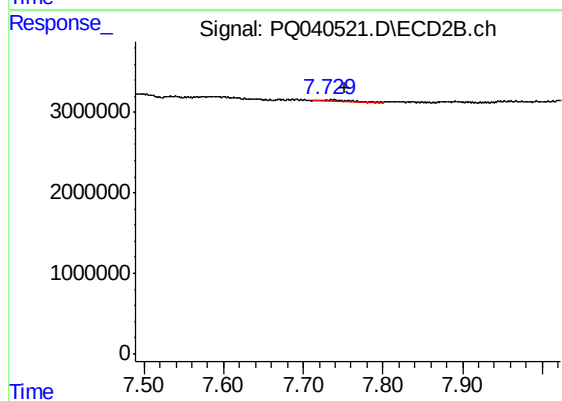
#27 AR-1254-2

R.T.: 7.324 min  
Delta R.T.: 0.020 min  
Response: 437975  
Conc: 2.52 ng/ml



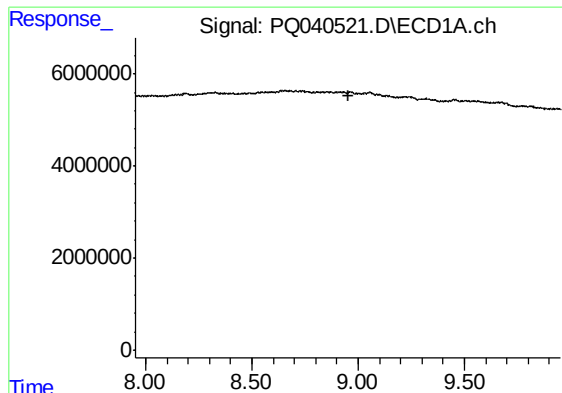
#28 AR-1254-3

R.T.: 8.656 min  
Delta R.T.: 0.006 min  
Response: 1027391  
Conc: 3.46 ng/ml



#28 AR-1254-3

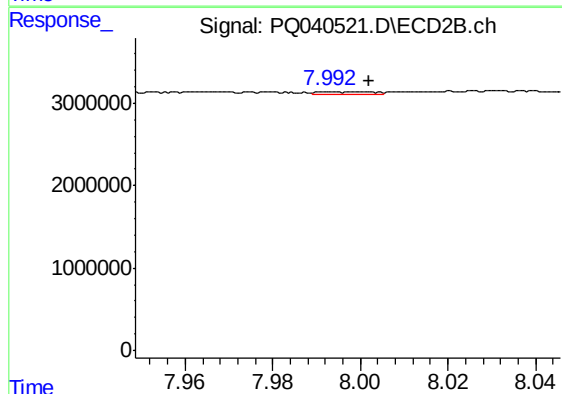
R.T.: 7.739 min  
Delta R.T.: -0.013 min  
Response: 475651  
Conc: 1.65 ng/ml



#29 AR-1254-4

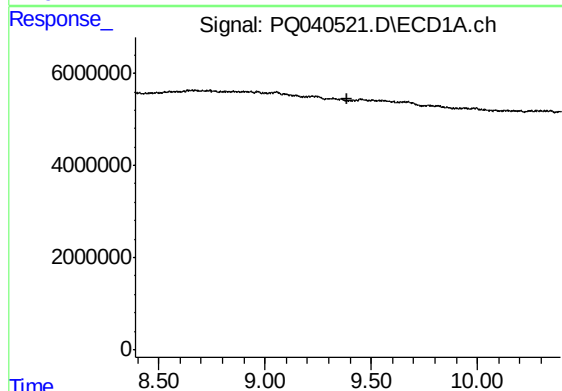
R.T.: 0.000 min  
Exp R.T. : 8.952 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



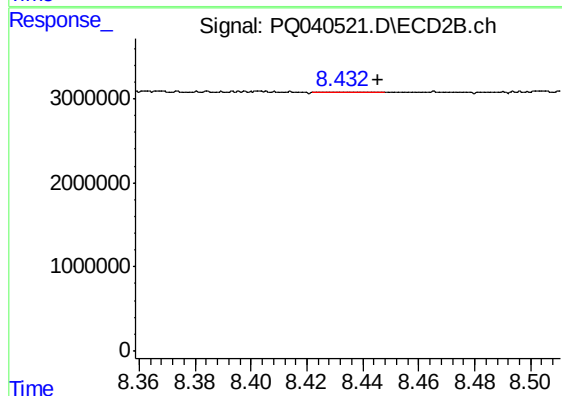
#29 AR-1254-4

R.T.: 7.997 min  
Delta R.T.: -0.005 min  
Response: 219231  
Conc: 1.23 ng/ml



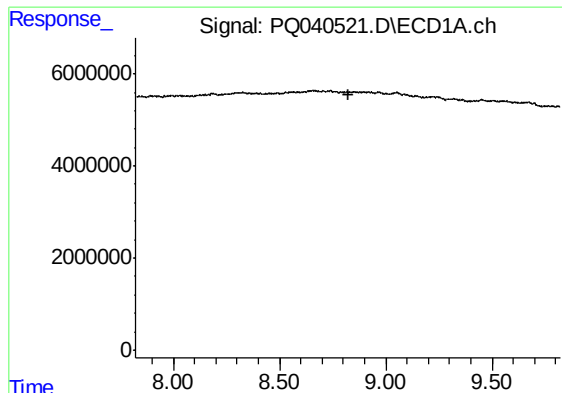
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 9.390 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

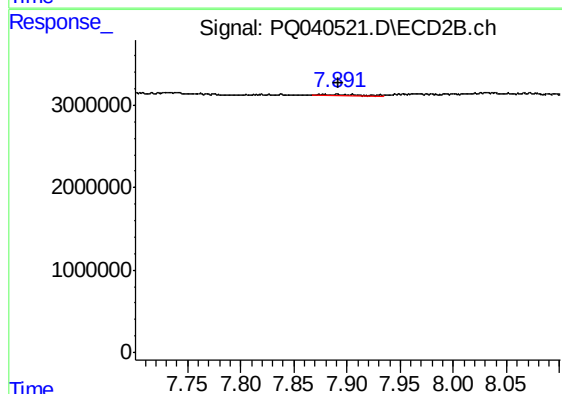
R.T.: 8.432 min  
Delta R.T.: -0.013 min  
Response: 45790  
Conc: 0.18 ng/ml



#31 AR-1260-1

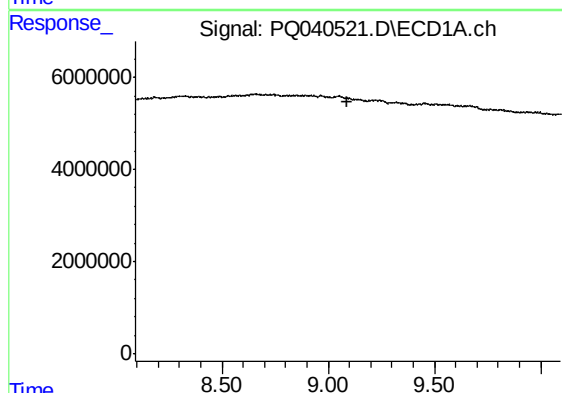
R.T.: 0.000 min  
Exp R.T. : 8.822 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



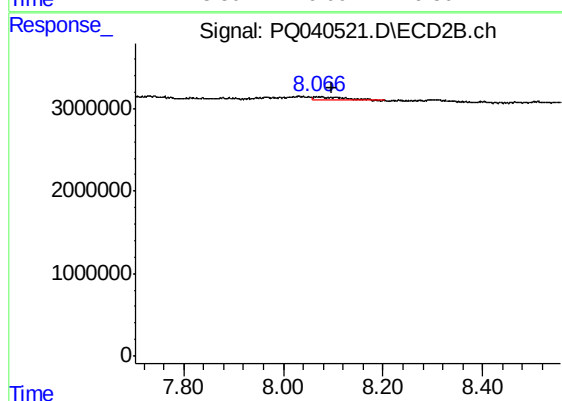
#31 AR-1260-1

R.T.: 7.878 min  
Delta R.T.: -0.014 min  
Response: 339791  
Conc: 1.24 ng/ml



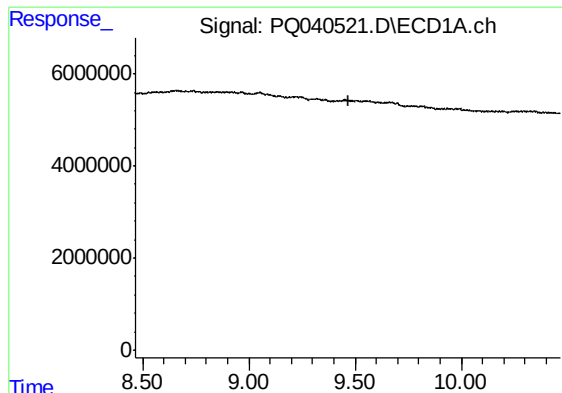
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 9.093 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

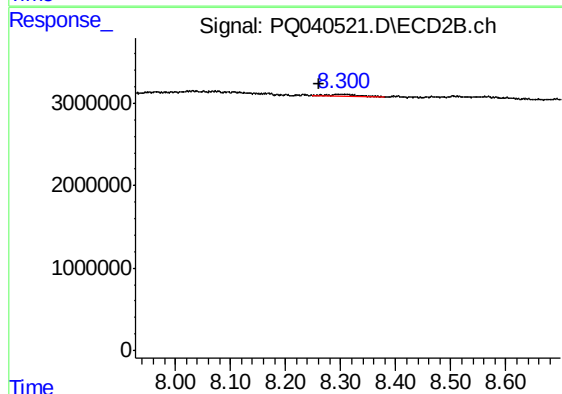
R.T.: 8.072 min  
Delta R.T.: -0.025 min  
Response: 1501517  
Conc: 4.34 ng/ml



#33 AR-1260-3

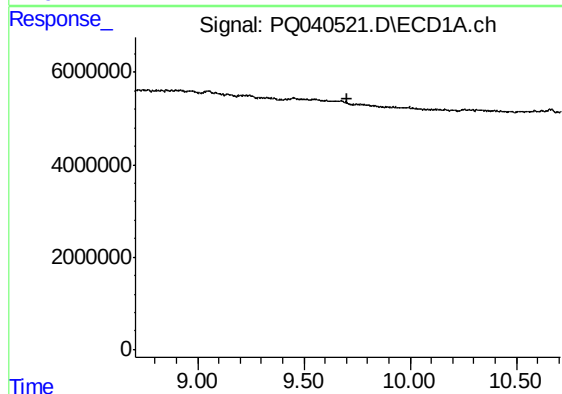
R.T.: 0.000 min  
Exp R.T. : 9.467 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



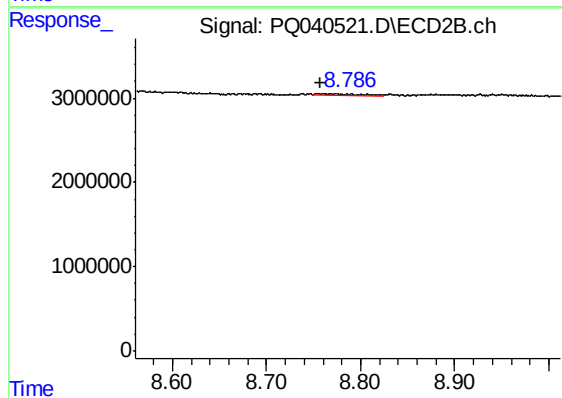
#33 AR-1260-3

R.T.: 8.299 min  
Delta R.T.: 0.039 min  
Response: 805241  
Conc: 2.51 ng/ml



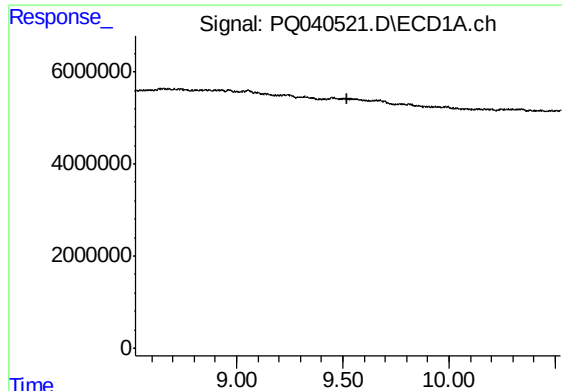
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 9.707 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

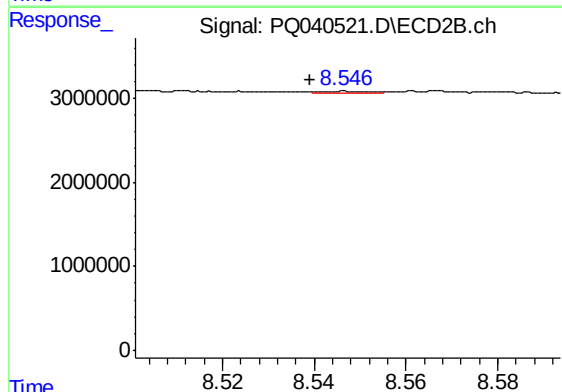
R.T.: 8.759 min  
Delta R.T.: 0.002 min  
Response: 558344  
Conc: 2.05 ng/ml



#36 AR-1262-1

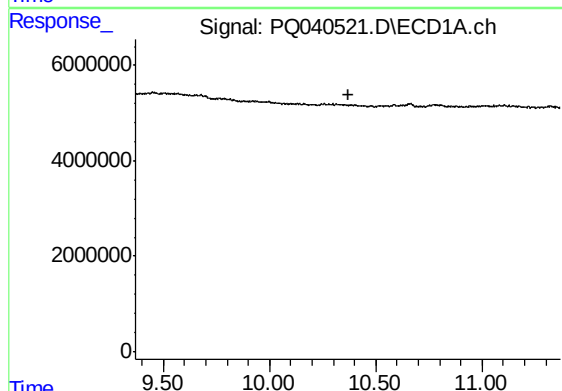
R.T.: 0.000 min  
Exp R.T. : 9.524 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



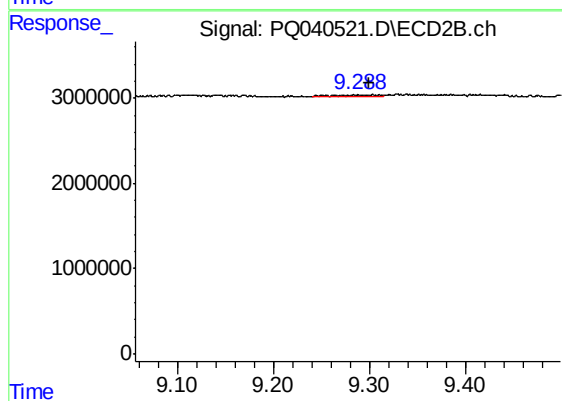
#36 AR-1262-1

R.T.: 8.547 min  
Delta R.T.: 0.008 min  
Response: 92570  
Conc: 0.82 ng/ml



#38 AR-1262-3

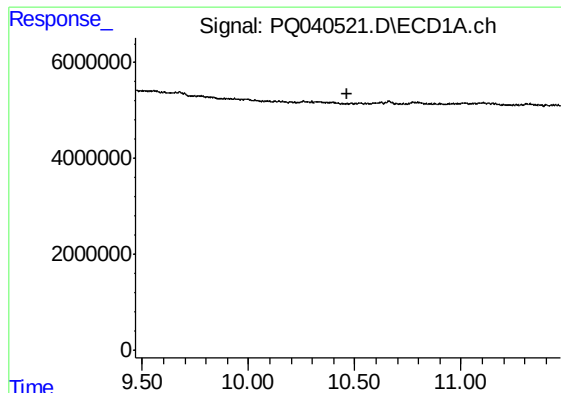
R.T.: 0.000 min  
Exp R.T. : 10.369 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

R.T.: 9.304 min  
Delta R.T.: 0.004 min  
Response: 357141  
Conc: 1.70 ng/ml

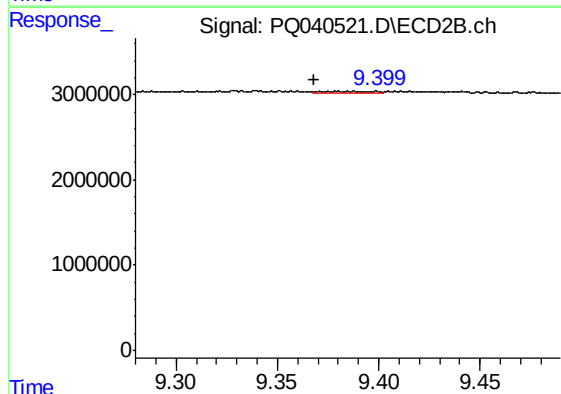




#39 AR-1262-4

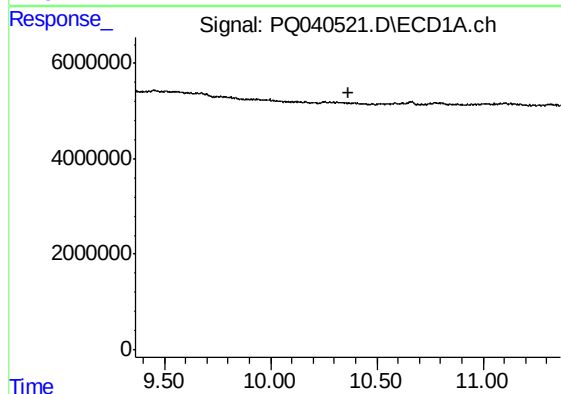
R.T.: 0.000 min  
Exp R.T.: 10.467 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



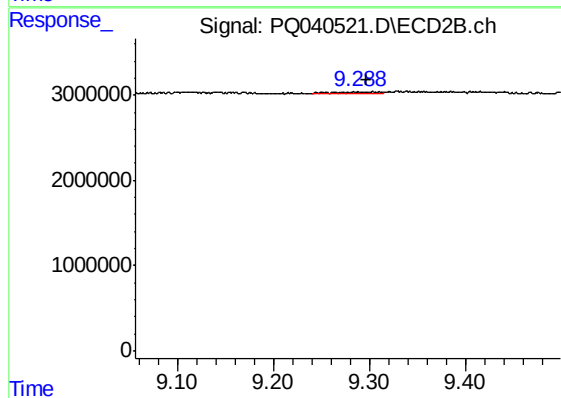
#39 AR-1262-4

R.T.: 9.380 min  
Delta R.T.: 0.012 min  
Response: 333301  
Conc: 0.88 ng/ml



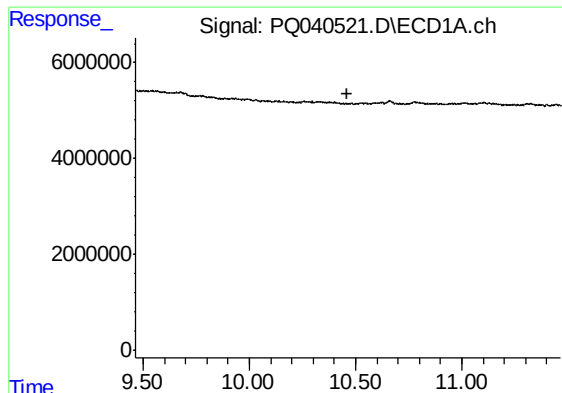
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 10.364 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

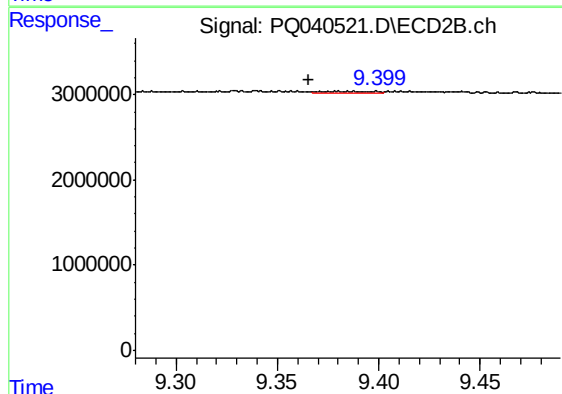
R.T.: 9.304 min  
Delta R.T.: 0.007 min  
Response: 357141  
Conc: 0.78 ng/ml



#42 AR-1268-2

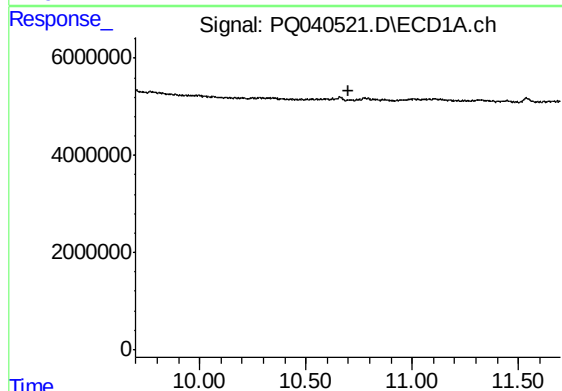
R.T.: 0.000 min  
Exp R.T. : 10.464 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



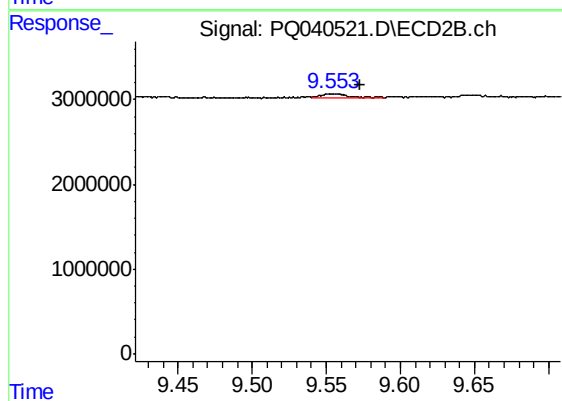
#42 AR-1268-2

R.T.: 9.380 min  
Delta R.T.: 0.014 min  
Response: 333301  
Conc: 0.76 ng/ml



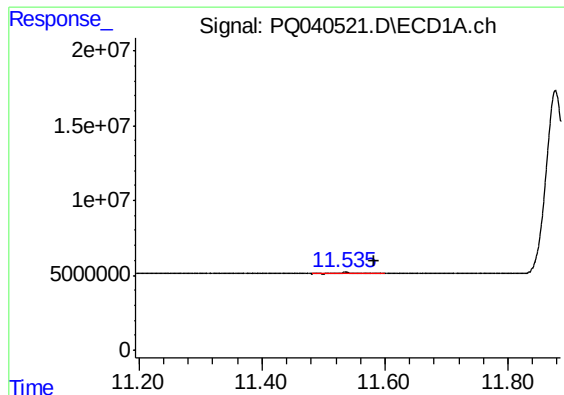
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 10.698 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

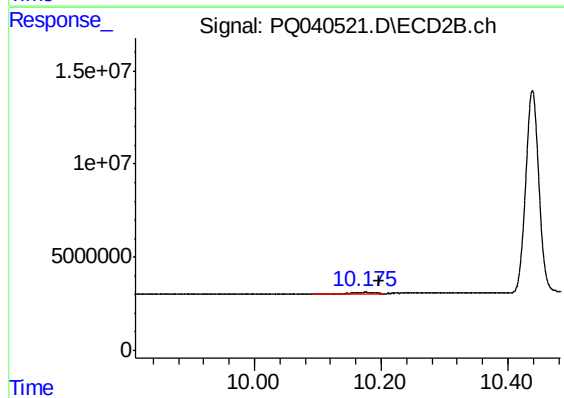
R.T.: 9.555 min  
Delta R.T.: -0.018 min  
Response: 509648  
Conc: 1.36 ng/ml



#45 AR-1268-5

R.T.: 11.536 min  
Delta R.T.: -0.046 min  
Response: 1819411  
Conc: 0.98 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
ABLK87



#45 AR-1268-5

R.T.: 10.176 min  
Delta R.T.: -0.021 min  
Response: 1640077  
Conc: 1.39 ng/ml