

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ072419\  
 Data File : PQ041477.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jul 2019 16:44  
 Operator : SM\AJ  
 Sample : AR1254CCC400  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1254306

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 25 00:41:44 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ072119CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jul 23 11:02:25 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... | 5.702  | 4.759  | 68741473 | 59754838 | 17.957  | 19.878    |
| 2)                          | SA Decachlor... | 12.108 | 10.524 | 395.7E6  | 198.4E6  | 38.258  | 43.545    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 5)                          | L1 AR-1016-3    | 0.000  | 6.505  | 0        | 35739493 | N.D.    | 316.542 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 6.505  | 0        | 35739493 | N.D.    | 392.030 # |
| 7)                          | L1 AR-1016-5    | 7.692  | 6.757  | 21258910 | 20949231 | 159.757 | 174.315   |
| 13)                         | L3 AR-1232-3    | 0.000  | 6.505  | 0        | 35739493 | N.D.    | 742.514 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 6.552  | 0        | 9552595  | N.D.    | 221.562 # |
| 15)                         | L3 AR-1232-5    | 7.463  | 6.757  | 35210903 | 20949231 | 954.098 | 433.090 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 6.505  | 0        | 35739493 | N.D.    | 428.261 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 6.552  | 0        | 9552595  | N.D.    | 117.282 # |
| 20)                         | L4 AR-1242-5    | 8.184  | 7.167  | 23262824 | 98305073 | 175.467 | 787.514 # |
| 22)                         | L5 AR-1248-2    | 7.463  | 6.505  | 35210903 | 35739493 | 286.132 | 319.060   |
| 23)                         | L5 AR-1248-3    | 7.692  | 6.552  | 21258910 | 9552595  | 135.376 | 82.758 #  |
| 24)                         | L5 AR-1248-4    | 8.138  | 6.757  | 40739235 | 20949231 | 188.600 | 144.721   |
| 25)                         | L5 AR-1248-5    | 8.184  | 7.213  | 23262824 | 12395528 | 109.236 | 73.659 #  |
| 26)                         | L6 AR-1254-1    | 8.109  | 7.167  | 73033093 | 98305073 | 360.299 | 386.564   |
| 27)                         | L6 AR-1254-2    | 8.347  | 7.334  | 120.6E6  | 86709161 | 349.165 | 378.994   |
| 28)                         | L6 AR-1254-3    | 8.741  | 7.782  | 139.4E6  | 149.2E6  | 336.436 | 367.498   |
| 29)                         | L6 AR-1254-4    | 9.043  | 8.031  | 128.2E6  | 111.1E6  | 354.302 | 406.605   |
| 30)                         | L6 AR-1254-5    | 9.482  | 8.477  | 138.4E6  | 149.0E6  | 344.572 | 373.180   |
| 31)                         | L7 AR-1260-1    | 8.914  | 7.924  | 54753899 | 71886770 | 181.236 | 270.297 # |
| 32)                         | L7 AR-1260-2    | 9.184  | 8.127  | 74172869 | 64818608 | 161.819 | 178.638   |
| 33)                         | L7 AR-1260-3    | 9.548  | 8.291  | 17393233 | 61619023 | 40.965  | 196.225 # |
| 34)                         | L7 AR-1260-4    | 9.792  | 8.791  | 56178597 | 7209350  | 133.457 | 25.324 #  |
| 35)                         | L7 AR-1260-5    | 10.152 | 9.041  | 34894013 | 19412395 | 32.654  | 26.107    |
| 36)                         | L8 AR-1262-1    | 9.620  | 8.552  | 5621961  | 15580106 | 22.899  | 81.003 #  |
| 37)                         | L8 AR-1262-2    | 10.152 | 9.041  | 34894013 | 19412395 | 28.733  | 23.106    |
| 38)                         | L8 AR-1262-3    | 10.508 | 9.401  | 52397368 | 18093927 | 62.873  | 51.444    |
| 39)                         | L8 AR-1262-4    | 10.561 | 9.401  | 5929793  | 18093927 | 9.102   | 30.787 #  |
| 41)                         | L9 AR-1268-1    | 10.508 | 9.401  | 52397368 | 18093927 | 29.035  | 15.836 #  |
| 42)                         | L9 AR-1268-2    | 10.561 | 9.401  | 5929793  | 18093927 | 3.716   | 18.620 #  |
| -----                       |                 |        |        |          |          |         |           |

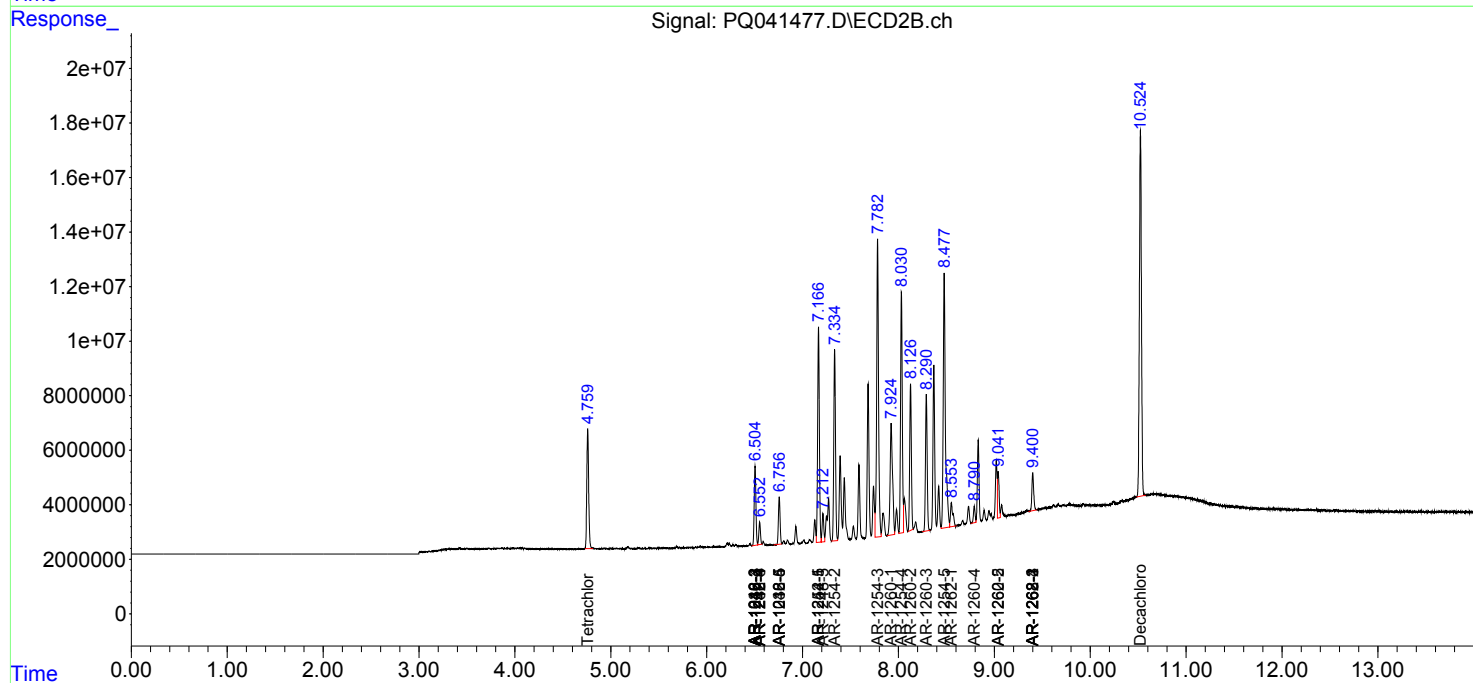
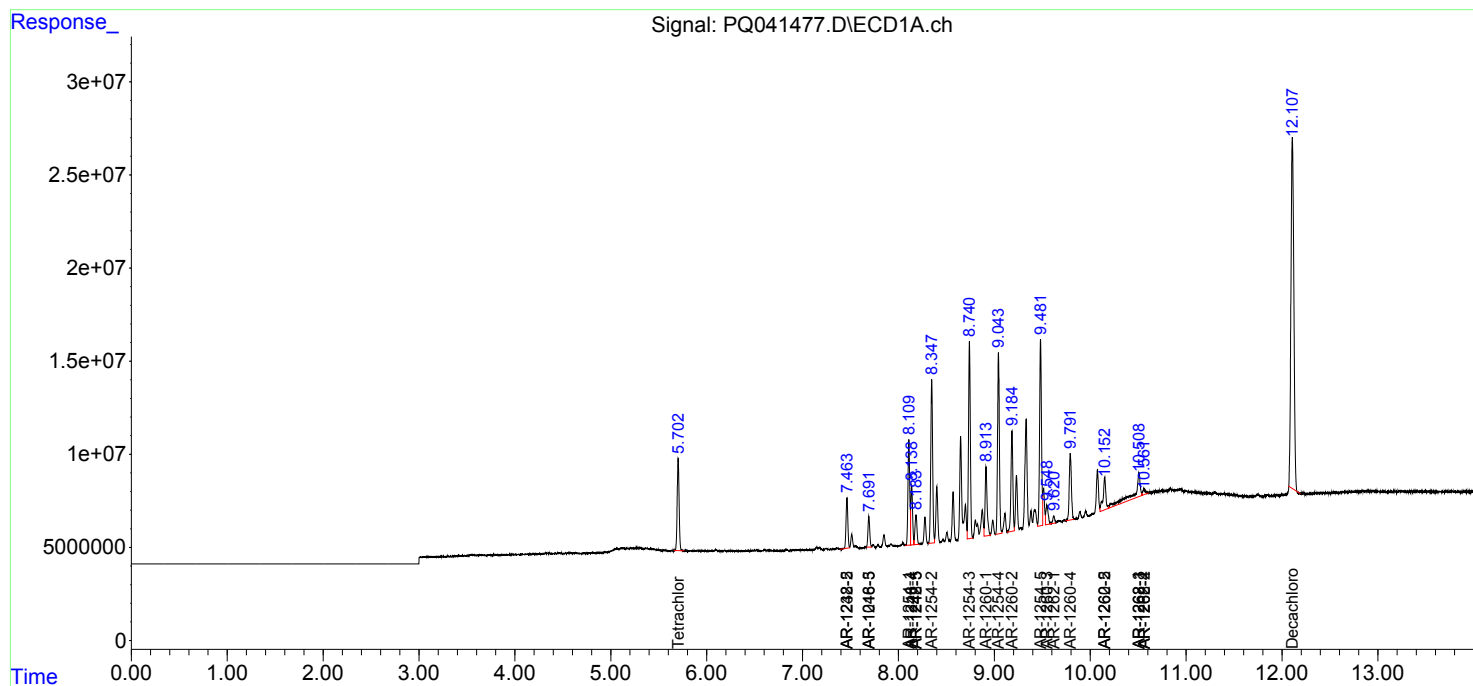
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

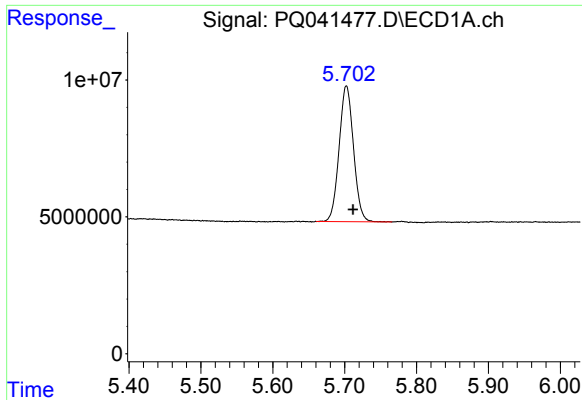
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ072419\  
Data File : PQ041477.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jul 2019 16:44  
Operator : SM\AJ  
Sample : AR1254CCC400  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :  
AR1254306

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 25 00:41:44 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ072119CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jul 23 11:02:25 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

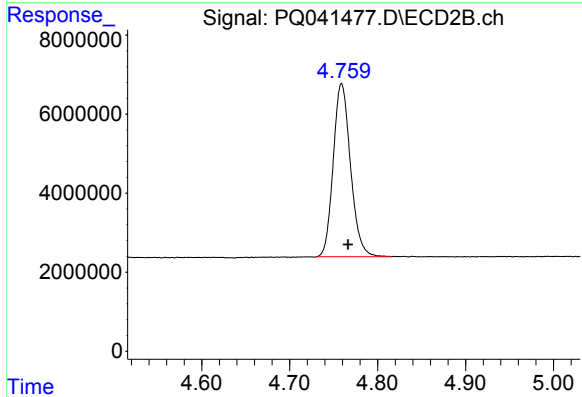




#1 Tetrachloro-m-xylene

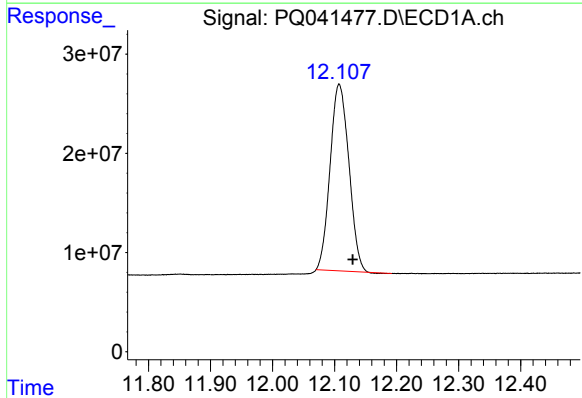
R.T.: 5.702 min  
Delta R.T.: -0.010 min  
Response: 68741473  
Conc: 17.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



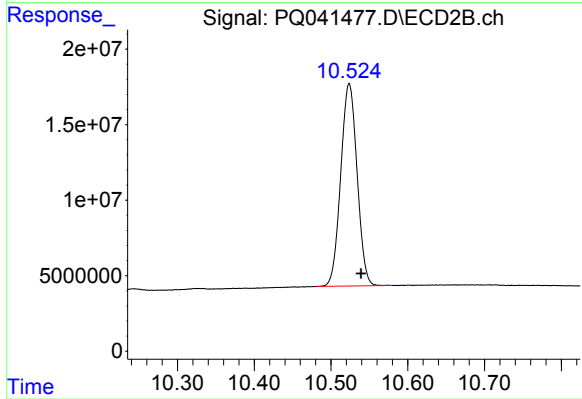
#1 Tetrachloro-m-xylene

R.T.: 4.759 min  
Delta R.T.: -0.007 min  
Response: 59754838  
Conc: 19.88 ng/ml



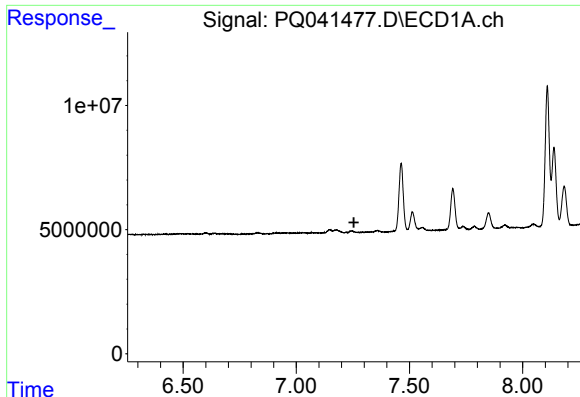
#2 Decachlorobiphenyl

R.T.: 12.108 min  
Delta R.T.: -0.022 min  
Response: 395735102  
Conc: 38.26 ng/ml



#2 Decachlorobiphenyl

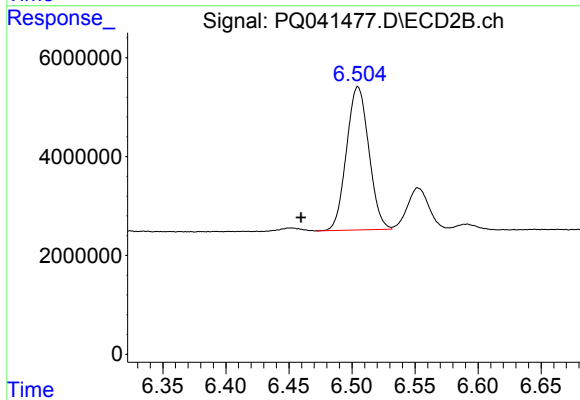
R.T.: 10.524 min  
Delta R.T.: -0.015 min  
Response: 198421508  
Conc: 43.54 ng/ml



#5 AR-1016-3

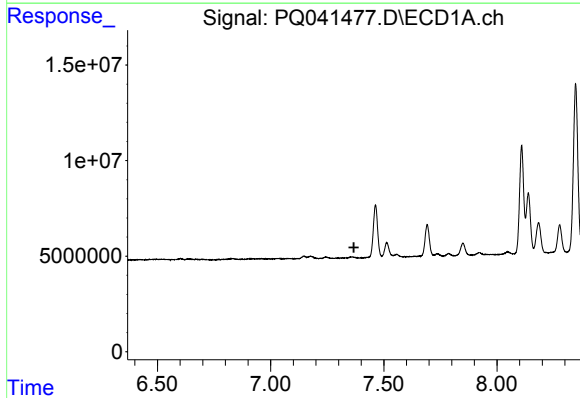
R.T.: 0.000 min  
Exp R.T.: 7.254 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



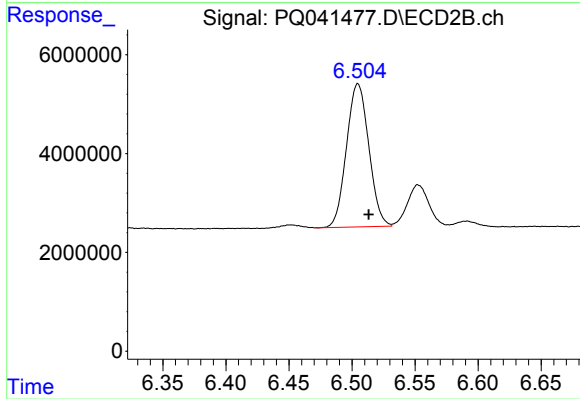
#5 AR-1016-3

R.T.: 6.505 min  
Delta R.T.: 0.045 min  
Response: 35739493  
Conc: 316.54 ng/ml



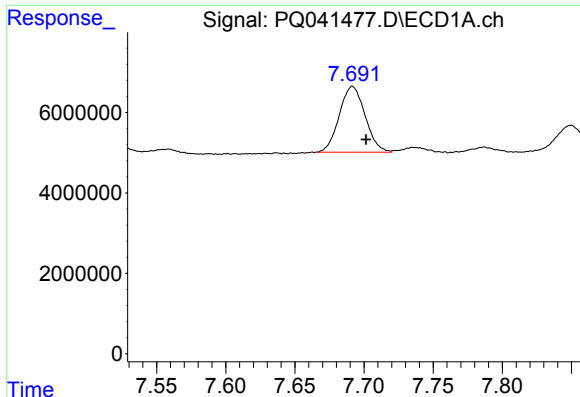
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 7.368 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

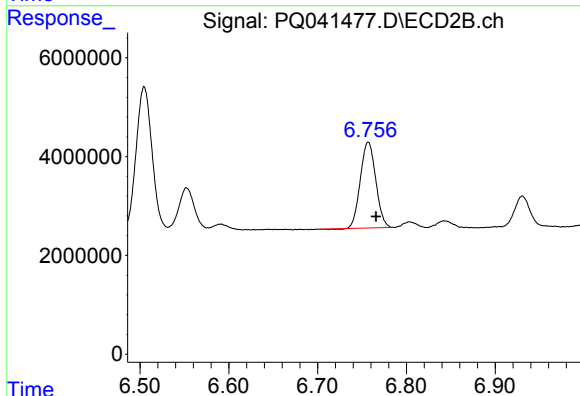
R.T.: 6.505 min  
Delta R.T.: -0.009 min  
Response: 35739493  
Conc: 392.03 ng/ml



#7 AR-1016-5

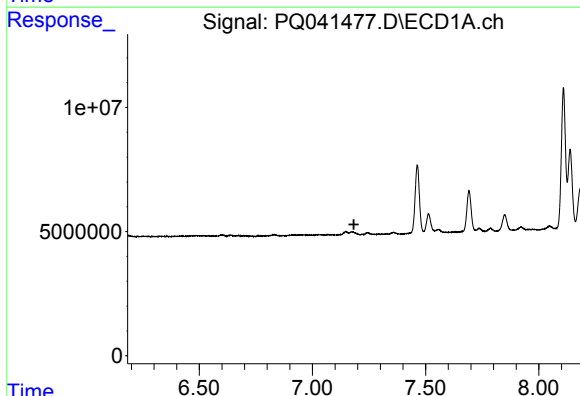
R.T.: 7.692 min  
Delta R.T.: -0.010 min  
Response: 21258910  
Conc: 159.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



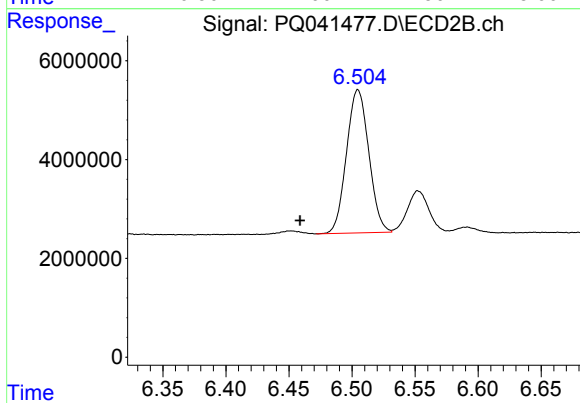
#7 AR-1016-5

R.T.: 6.757 min  
Delta R.T.: -0.009 min  
Response: 20949231  
Conc: 174.31 ng/ml



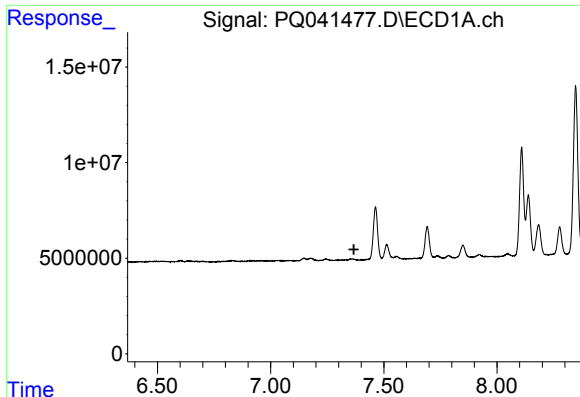
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 7.183 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

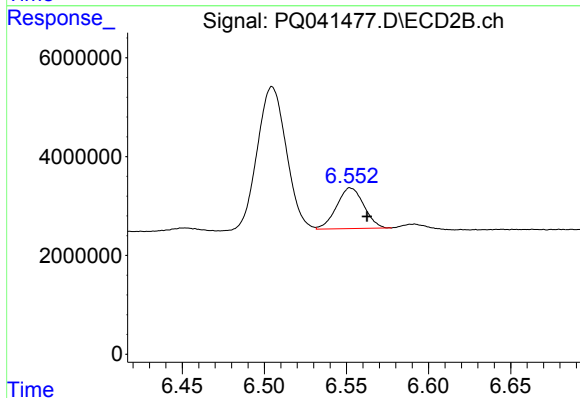
R.T.: 6.505 min  
Delta R.T.: 0.046 min  
Response: 35739493  
Conc: 742.51 ng/ml



#14 AR-1232-4

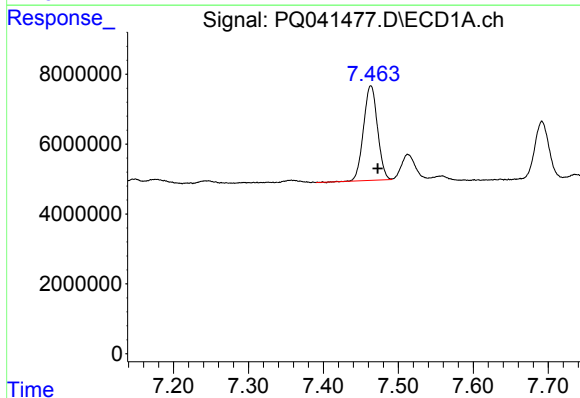
R.T.: 0.000 min  
Exp R.T.: 7.368 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



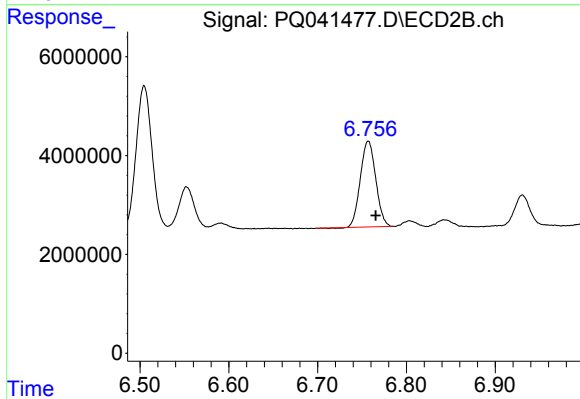
#14 AR-1232-4

R.T.: 6.552 min  
Delta R.T.: -0.010 min  
Response: 9552595  
Conc: 221.56 ng/ml



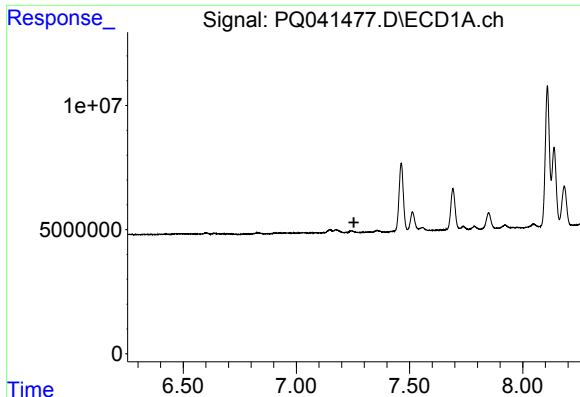
#15 AR-1232-5

R.T.: 7.463 min  
Delta R.T.: -0.009 min  
Response: 35210903  
Conc: 954.10 ng/ml



#15 AR-1232-5

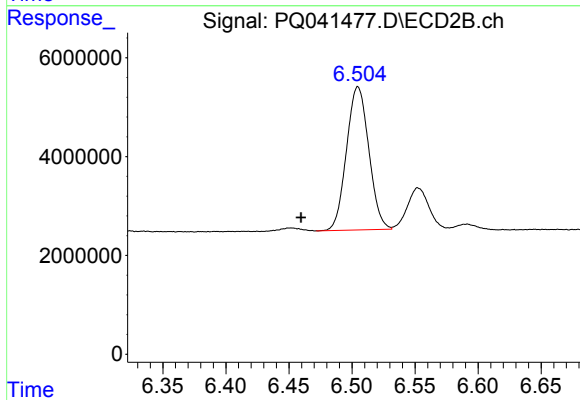
R.T.: 6.757 min  
Delta R.T.: -0.008 min  
Response: 20949231  
Conc: 433.09 ng/ml



#18 AR-1242-3

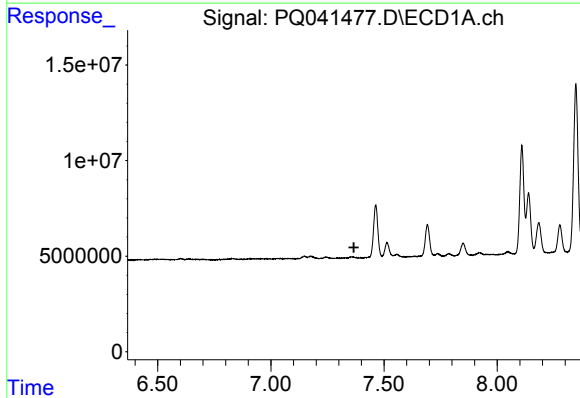
R.T.: 0.000 min  
Exp R.T.: 7.254 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



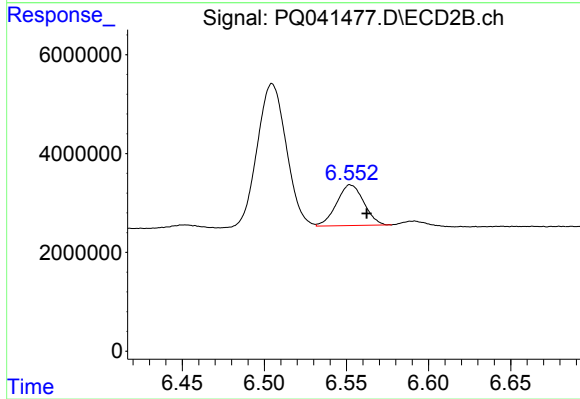
#18 AR-1242-3

R.T.: 6.505 min  
Delta R.T.: 0.045 min  
Response: 35739493  
Conc: 428.26 ng/ml



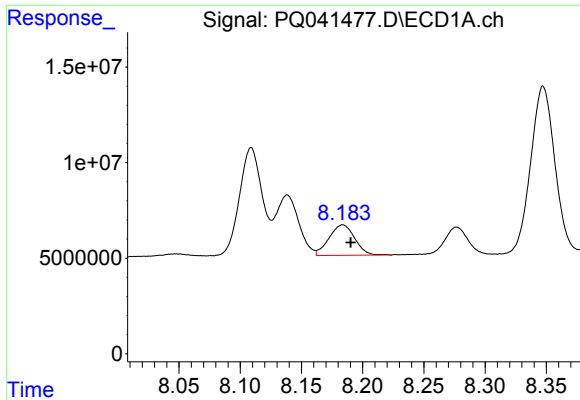
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 7.367 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

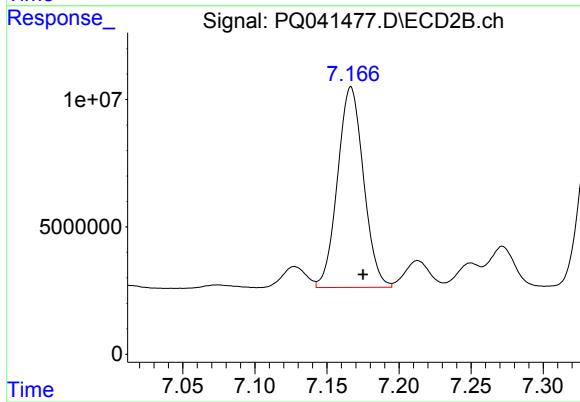
R.T.: 6.552 min  
Delta R.T.: -0.010 min  
Response: 9552595  
Conc: 117.28 ng/ml



#20 AR-1242-5

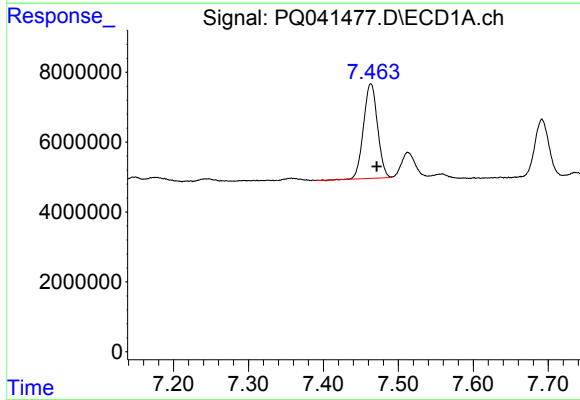
R.T.: 8.184 min  
Delta R.T.: -0.007 min  
Response: 23262824  
Conc: 175.47 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



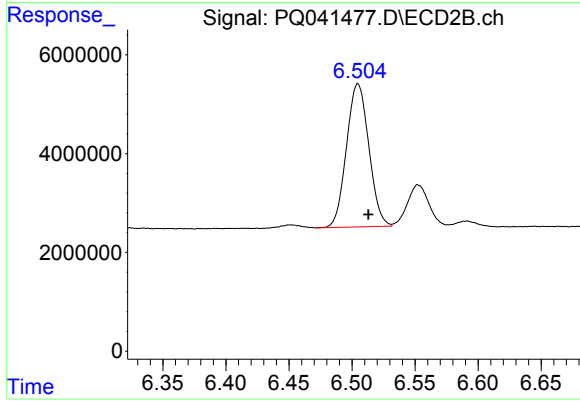
#20 AR-1242-5

R.T.: 7.167 min  
Delta R.T.: -0.008 min  
Response: 98305073  
Conc: 787.51 ng/ml



#22 AR-1248-2

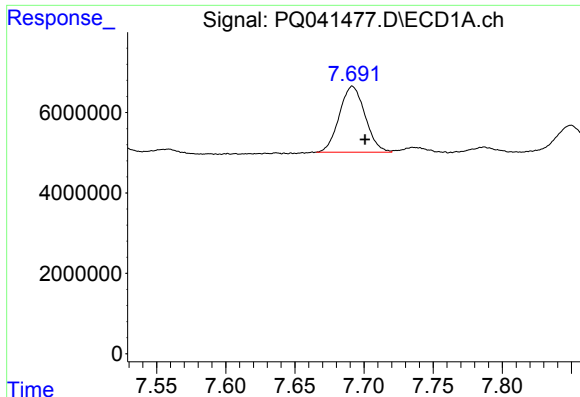
R.T.: 7.463 min  
Delta R.T.: -0.008 min  
Response: 35210903  
Conc: 286.13 ng/ml



#22 AR-1248-2

R.T.: 6.505 min  
Delta R.T.: -0.008 min  
Response: 35739493  
Conc: 319.06 ng/ml

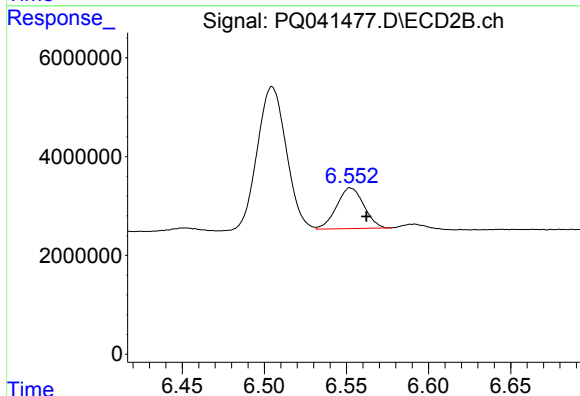




#23 AR-1248-3

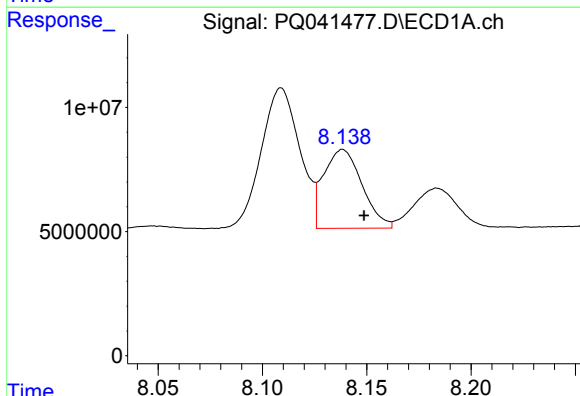
R.T.: 7.692 min  
Delta R.T.: -0.009 min  
Response: 21258910  
Conc: 135.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



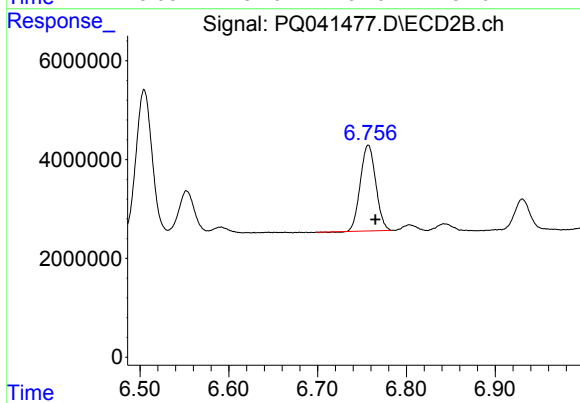
#23 AR-1248-3

R.T.: 6.552 min  
Delta R.T.: -0.010 min  
Response: 9552595  
Conc: 82.76 ng/ml



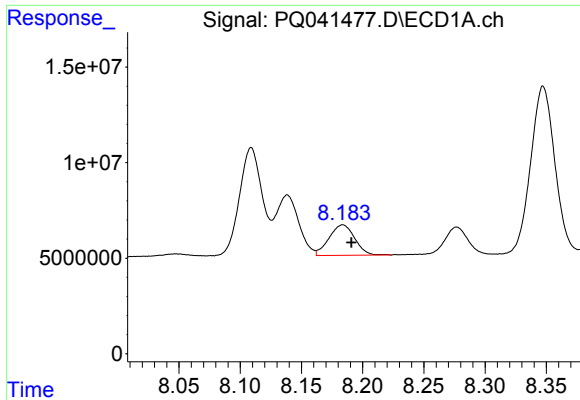
#24 AR-1248-4

R.T.: 8.138 min  
Delta R.T.: -0.010 min  
Response: 40739235  
Conc: 188.60 ng/ml



#24 AR-1248-4

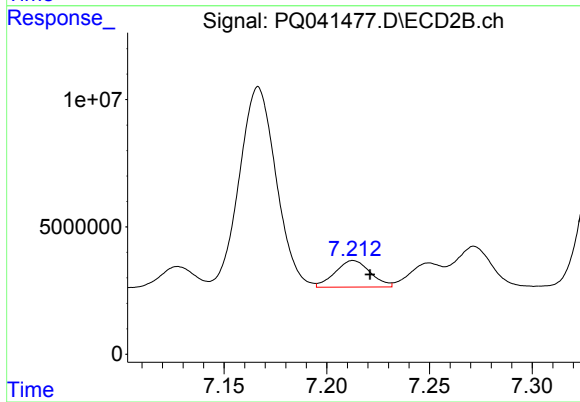
R.T.: 6.757 min  
Delta R.T.: -0.008 min  
Response: 20949231  
Conc: 144.72 ng/ml



#25 AR-1248-5

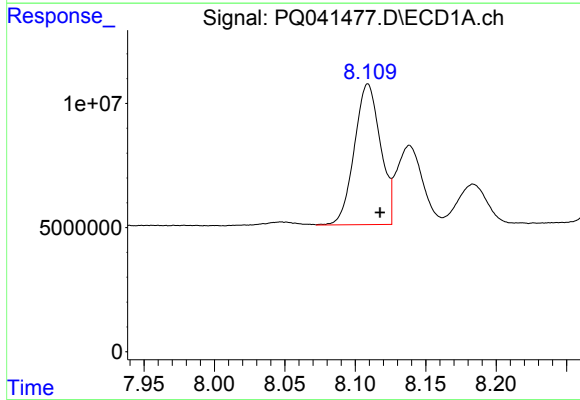
R.T.: 8.184 min  
Delta R.T.: -0.007 min  
Response: 23262824  
Conc: 109.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



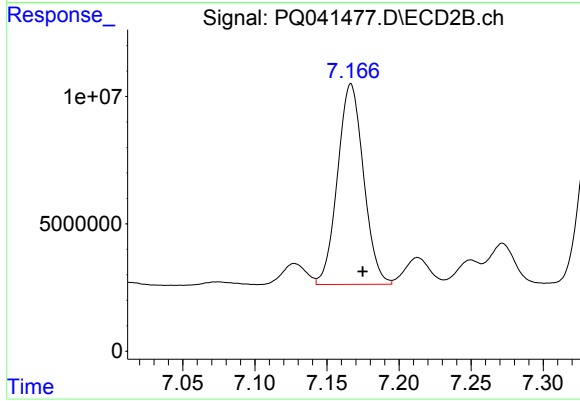
#25 AR-1248-5

R.T.: 7.213 min  
Delta R.T.: -0.008 min  
Response: 12395528  
Conc: 73.66 ng/ml



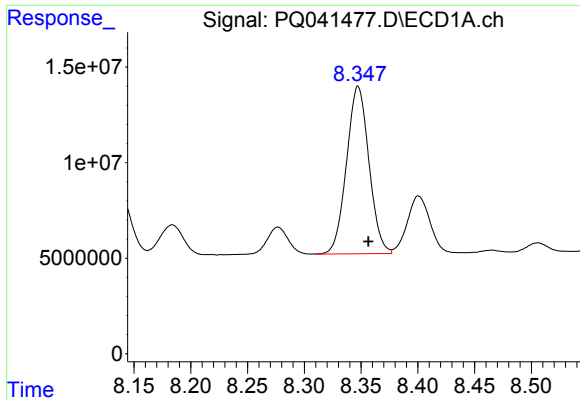
#26 AR-1254-1

R.T.: 8.109 min  
Delta R.T.: -0.009 min  
Response: 73033093  
Conc: 360.30 ng/ml



#26 AR-1254-1

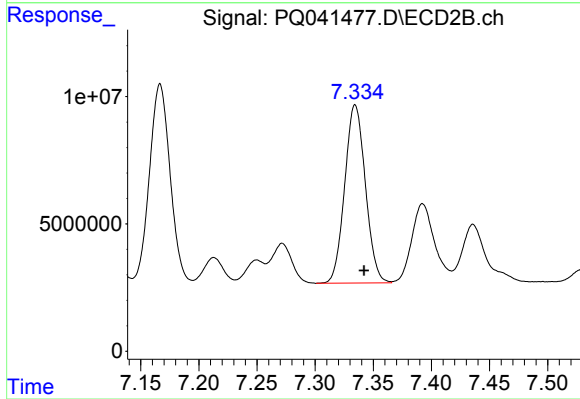
R.T.: 7.167 min  
Delta R.T.: -0.008 min  
Response: 98305073  
Conc: 386.56 ng/ml



#27 AR-1254-2

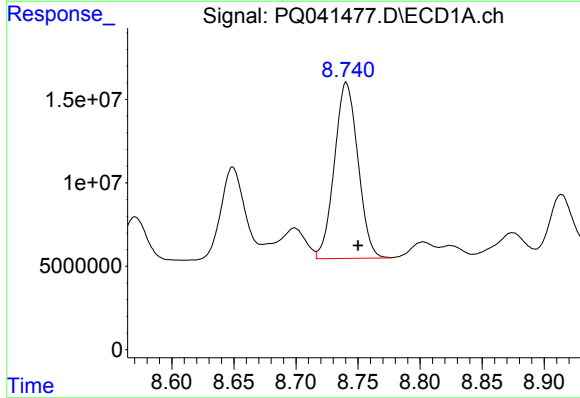
R.T.: 8.347 min  
Delta R.T.: -0.009 min  
Response: 120599371  
Conc: 349.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



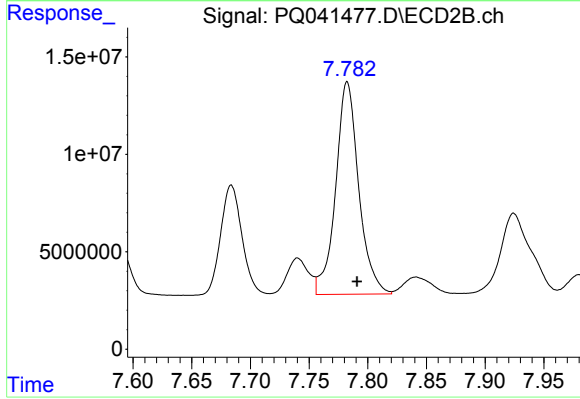
#27 AR-1254-2

R.T.: 7.334 min  
Delta R.T.: -0.008 min  
Response: 86709161  
Conc: 378.99 ng/ml



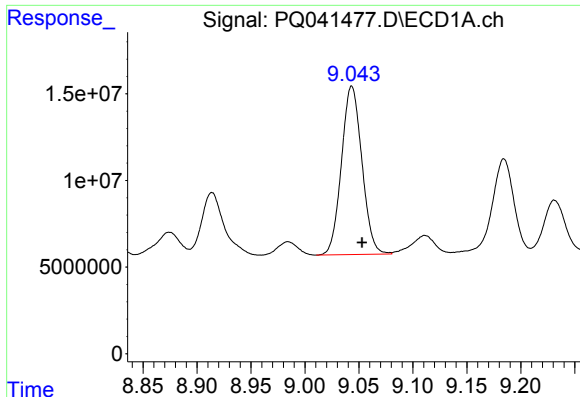
#28 AR-1254-3

R.T.: 8.741 min  
Delta R.T.: -0.010 min  
Response: 139414010  
Conc: 336.44 ng/ml



#28 AR-1254-3

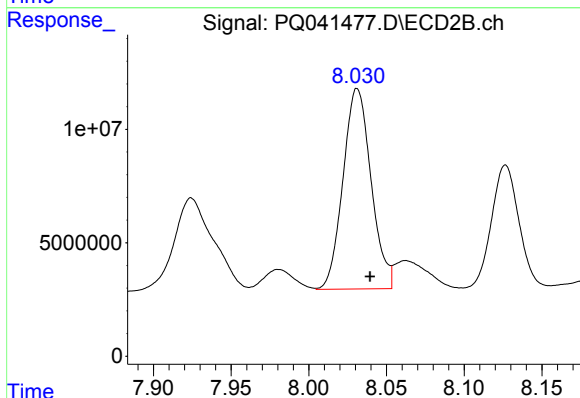
R.T.: 7.782 min  
Delta R.T.: -0.008 min  
Response: 149163520  
Conc: 367.50 ng/ml



#29 AR-1254-4

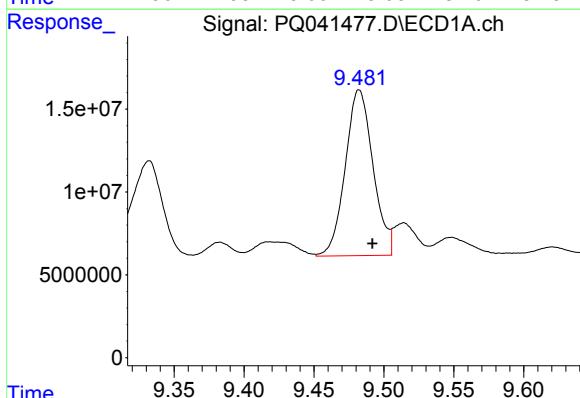
R.T.: 9.043 min  
Delta R.T.: -0.010 min  
Response: 128231397  
Conc: 354.30 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



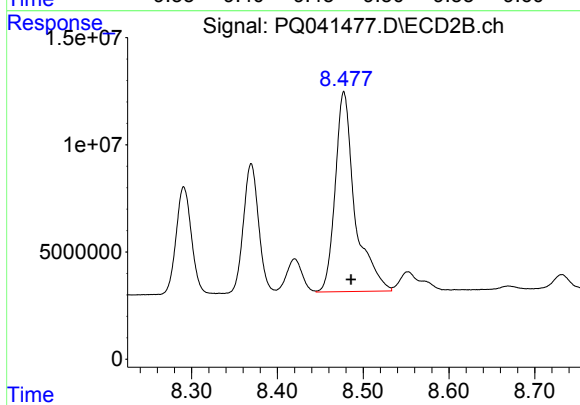
#29 AR-1254-4

R.T.: 8.031 min  
Delta R.T.: -0.008 min  
Response: 111080987  
Conc: 406.61 ng/ml



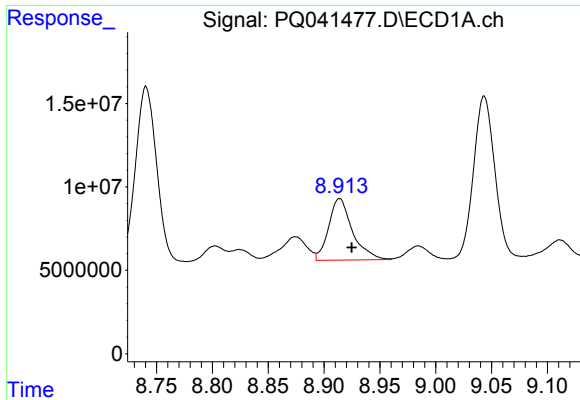
#30 AR-1254-5

R.T.: 9.482 min  
Delta R.T.: -0.009 min  
Response: 138355680  
Conc: 344.57 ng/ml



#30 AR-1254-5

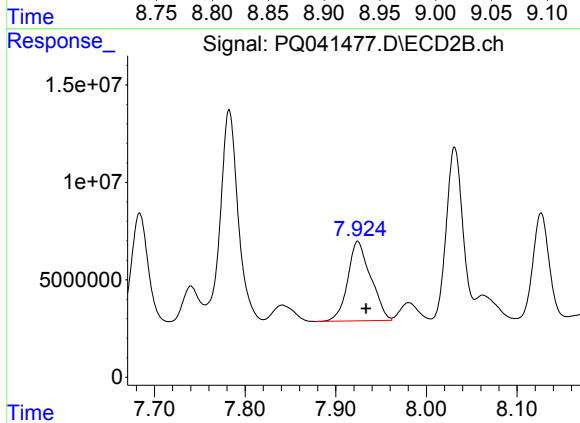
R.T.: 8.477 min  
Delta R.T.: -0.008 min  
Response: 149000519  
Conc: 373.18 ng/ml



#31 AR-1260-1

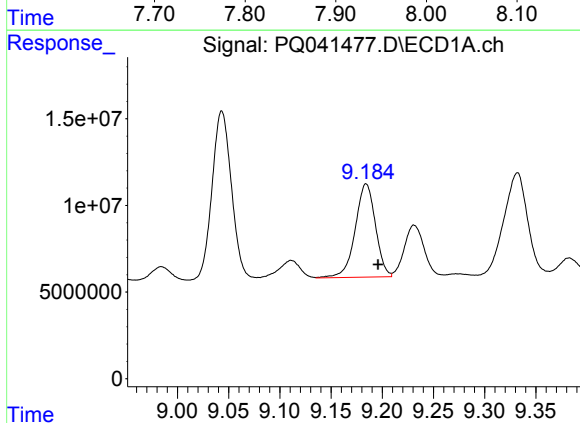
R.T.: 8.914 min  
Delta R.T.: -0.011 min  
Response: 54753899  
Conc: 181.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



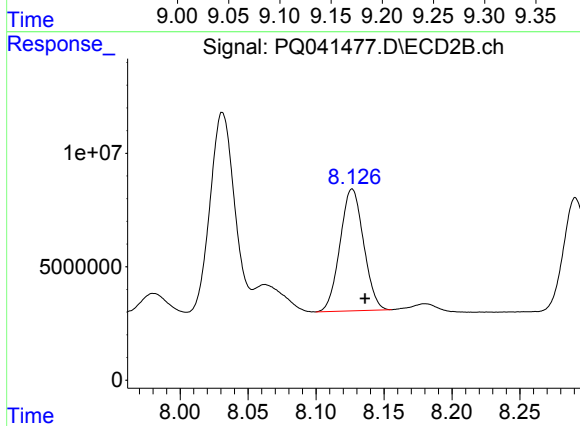
#31 AR-1260-1

R.T.: 7.924 min  
Delta R.T.: -0.009 min  
Response: 71886770  
Conc: 270.30 ng/ml



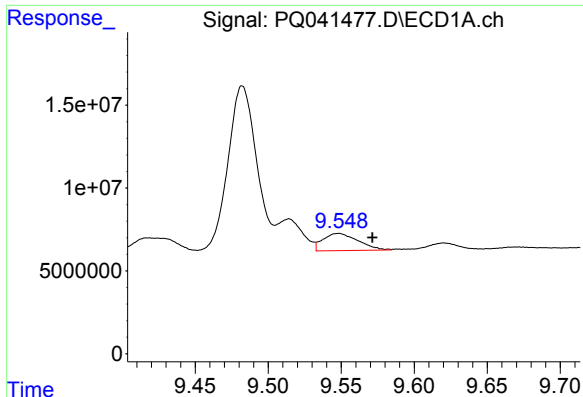
#32 AR-1260-2

R.T.: 9.184 min  
Delta R.T.: -0.012 min  
Response: 74172869  
Conc: 161.82 ng/ml



#32 AR-1260-2

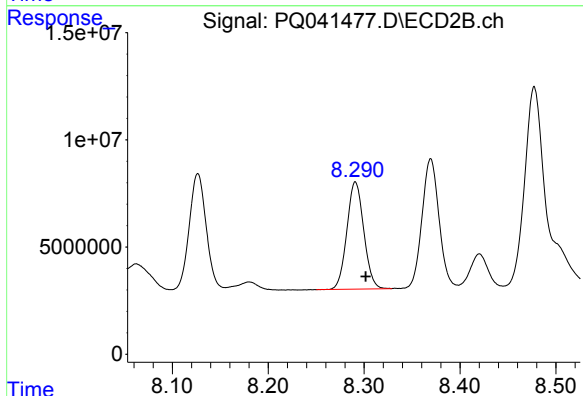
R.T.: 8.127 min  
Delta R.T.: -0.009 min  
Response: 64818608  
Conc: 178.64 ng/ml



#33 AR-1260-3

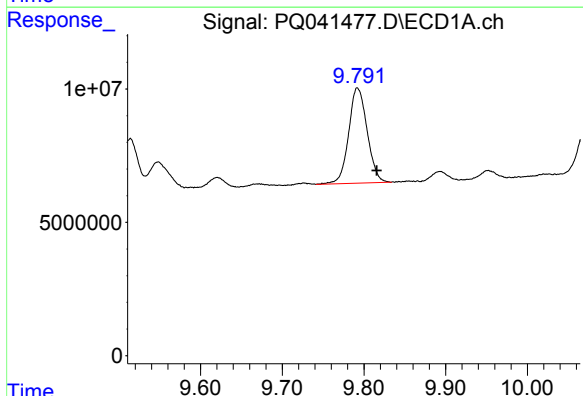
R.T.: 9.548 min  
Delta R.T.: -0.023 min  
Response: 17393233  
Conc: 40.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



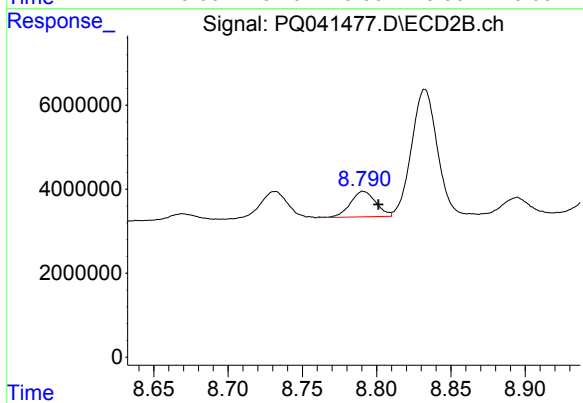
#33 AR-1260-3

R.T.: 8.291 min  
Delta R.T.: -0.011 min  
Response: 61619023  
Conc: 196.23 ng/ml



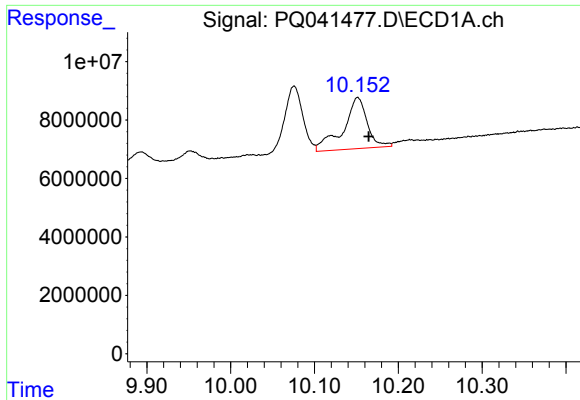
#34 AR-1260-4

R.T.: 9.792 min  
Delta R.T.: -0.023 min  
Response: 56178597  
Conc: 133.46 ng/ml



#34 AR-1260-4

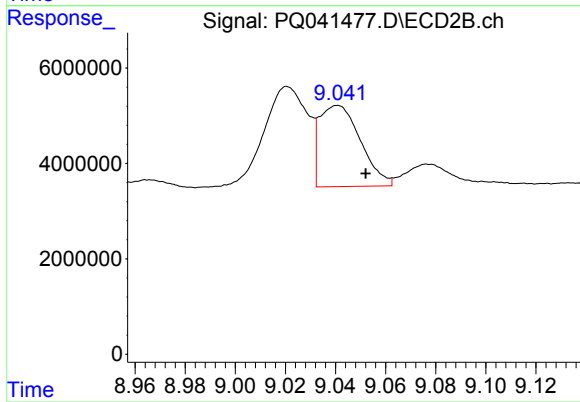
R.T.: 8.791 min  
Delta R.T.: -0.010 min  
Response: 7209350  
Conc: 25.32 ng/ml



#35 AR-1260-5

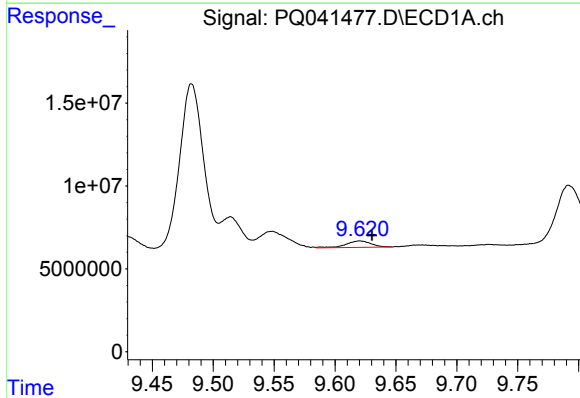
R.T.: 10.152 min  
Delta R.T.: -0.013 min  
Response: 34894013  
Conc: 32.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



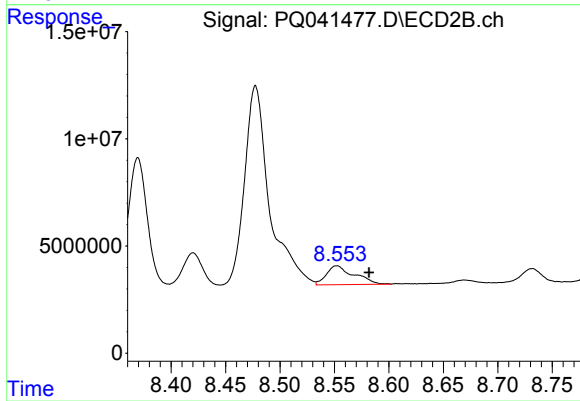
#35 AR-1260-5

R.T.: 9.041 min  
Delta R.T.: -0.011 min  
Response: 19412395  
Conc: 26.11 ng/ml



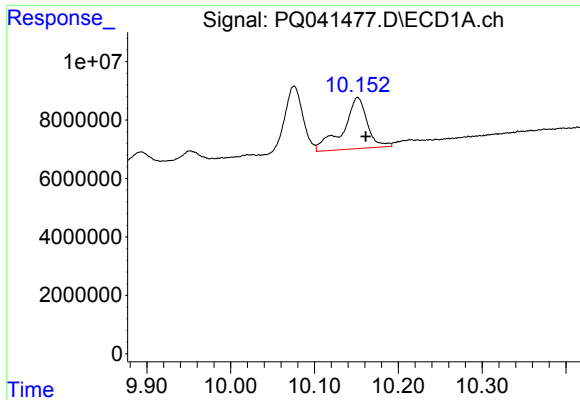
#36 AR-1262-1

R.T.: 9.620 min  
Delta R.T.: -0.010 min  
Response: 5621961  
Conc: 22.90 ng/ml



#36 AR-1262-1

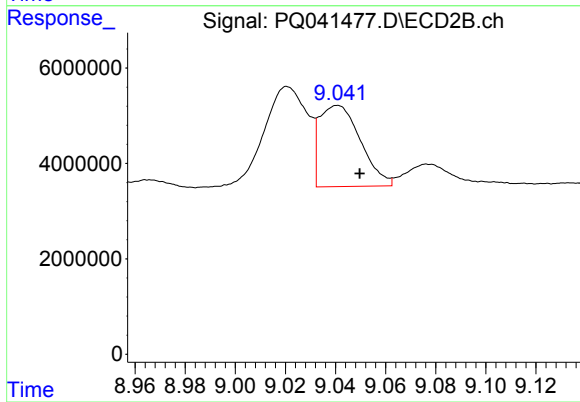
R.T.: 8.552 min  
Delta R.T.: -0.030 min  
Response: 15580106  
Conc: 81.00 ng/ml



#37 AR-1262-2

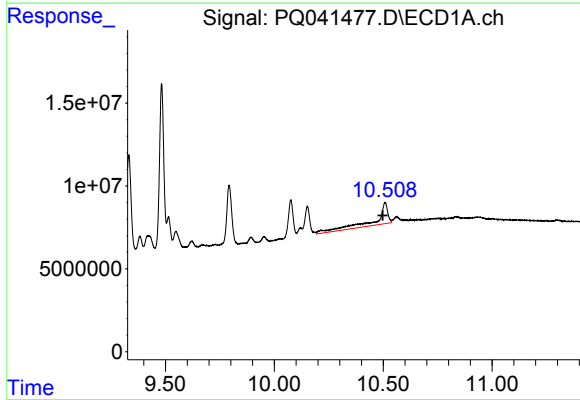
R.T.: 10.152 min  
Delta R.T.: -0.010 min  
Response: 34894013  
Conc: 28.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



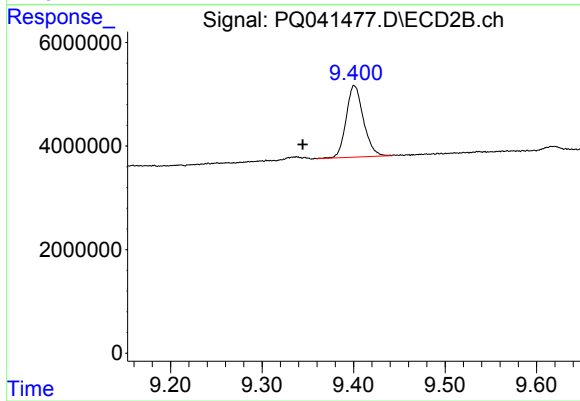
#37 AR-1262-2

R.T.: 9.041 min  
Delta R.T.: -0.009 min  
Response: 19412395  
Conc: 23.11 ng/ml



#38 AR-1262-3

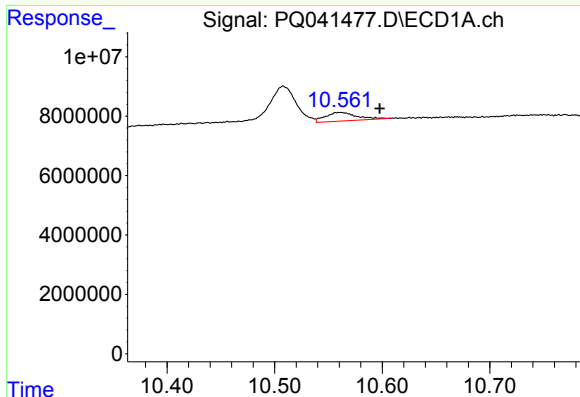
R.T.: 10.508 min  
Delta R.T.: 0.011 min  
Response: 52397368  
Conc: 62.87 ng/ml



#38 AR-1262-3

R.T.: 9.401 min  
Delta R.T.: 0.056 min  
Response: 18093927  
Conc: 51.44 ng/ml

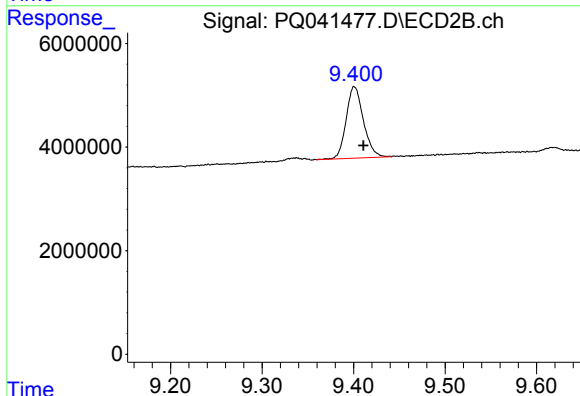




#39 AR-1262-4

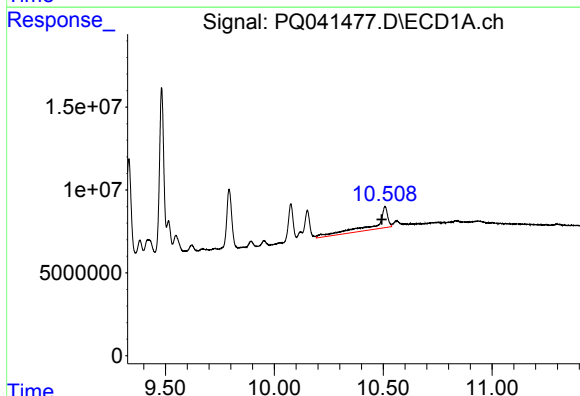
R.T.: 10.561 min  
Delta R.T.: -0.037 min  
Response: 5929793  
Conc: 9.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



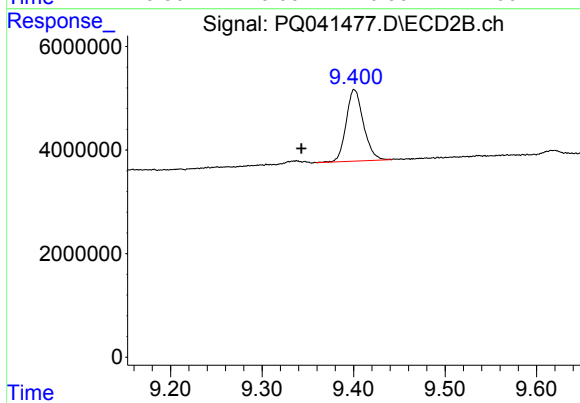
#39 AR-1262-4

R.T.: 9.401 min  
Delta R.T.: -0.010 min  
Response: 18093927  
Conc: 30.79 ng/ml



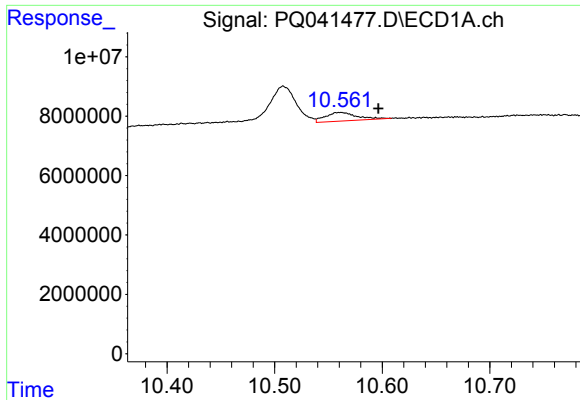
#41 AR-1268-1

R.T.: 10.508 min  
Delta R.T.: 0.014 min  
Response: 52397368  
Conc: 29.04 ng/ml



#41 AR-1268-1

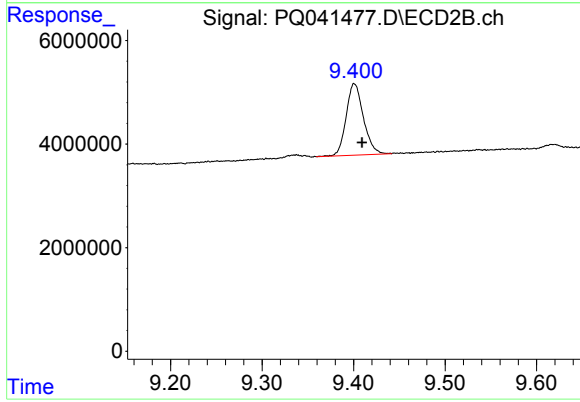
R.T.: 9.401 min  
Delta R.T.: 0.058 min  
Response: 18093927  
Conc: 15.84 ng/ml



#42 AR-1268-2

R.T.: 10.561 min  
Delta R.T.: -0.035 min  
Response: 5929793  
Conc: 3.72 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1254306



#42 AR-1268-2

R.T.: 9.401 min  
Delta R.T.: -0.008 min  
Response: 18093927  
Conc: 18.62 ng/ml