

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ112318\  
 Data File : PQ034921.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Nov 2018 18:28  
 Operator : SM\SJ  
 Sample : J6040-08  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 23 22:37:17 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ111718CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Nov 16 03:52:57 2018  
 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... | 4.530  | 3.819 | 52809529 | 36139222 | 19.173  | 21.321    |
| 2)                          | SA Decachlor... | 10.311 | 8.837 | 56388732 | 34681544 | 20.468  | 17.794    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.850 | 0        | 825035   | N.D.    | 12.559 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.215 | 0        | 5824383  | N.D.    | 148.637 # |
| 7)                          | L1 AR-1016-5    | 6.185  | 0.000 | 5837436  | 0        | 84.864  | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.215 | 0        | 5824383  | N.D.    | 335.176 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.850 | 0        | 825035   | N.D.    | 15.875 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.215 | 0        | 5824383  | N.D.    | 150.837 # |
| 20)                         | L4 AR-1242-5    | 6.592  | 5.706 | 1302732  | 3303054  | 21.053  | 66.463 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.850 | 0        | 825035   | N.D.    | 20.441 #  |
| 23)                         | L5 AR-1248-3    | 6.185  | 5.215 | 5837436  | 5824383  | 60.486  | 103.420 # |
| 24)                         | L5 AR-1248-4    | 6.592  | 0.000 | 1302732  | 0        | 11.877  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.592  | 5.706 | 1302732  | 3303054  | 12.497  | 46.283 #  |
| 26)                         | L6 AR-1254-1    | 6.555  | 5.706 | 4717042  | 3303054  | 42.164  | 30.219 #  |
| 27)                         | L6 AR-1254-2    | 6.770  | 5.851 | 6127697  | 3714286  | 34.635  | 38.858    |
| 28)                         | L6 AR-1254-3    | 7.149  | 6.267 | 7916652  | 17980454 | 40.849  | 111.203 # |
| 29)                         | L6 AR-1254-4    | 7.426  | 6.480 | 2556718  | 1783637  | 18.013  | 17.233    |
| 30)                         | L6 AR-1254-5    | 7.844  | 6.896 | 37204413 | 27134017 | 247.170 | 191.243   |
| 31)                         | L7 AR-1260-1    | 7.301  | 6.382 | 23366351 | 15939187 | 168.327 | 148.661   |
| 32)                         | L7 AR-1260-2    | 7.556  | 6.568 | 41607387 | 20168154 | 243.370 | 150.174 # |
| 33)                         | L7 AR-1260-3    | 7.916  | 6.723 | 21346585 | 18367027 | 200.298 | 149.612 # |
| 34)                         | L7 AR-1260-4    | 8.147  | 7.192 | 25173077 | 15721460 | 190.062 | 182.278   |
| 35)                         | L7 AR-1260-5    | 8.472  | 7.433 | 42313187 | 33080030 | 155.950 | 150.487   |
| 36)                         | L8 AR-1262-1    | 7.916  | 6.931 | 21346585 | 18145044 | 112.804 | 121.948   |
| 37)                         | L8 AR-1262-2    | 8.472  | 7.433 | 42313187 | 33080030 | 120.449 | 120.147   |
| 38)                         | L8 AR-1262-3    | 8.810  | 7.713 | 24875121 | 7266330  | 108.259 | 67.196 #  |
| 39)                         | L8 AR-1262-4    | 8.864  | 7.779 | 14515946 | 19857030 | 85.166  | 99.139    |
| 40)                         | L8 AR-1262-5    | 9.553  | 8.280 | 8482404  | 5740296  | 69.556  | 63.040    |
| 41)                         | L9 AR-1268-1    | 8.810  | 7.713 | 24875121 | 7266330  | 57.727  | 21.819 #  |
| 42)                         | L9 AR-1268-2    | 8.864  | 7.779 | 14515946 | 19857030 | 37.396  | 66.487 #  |
| 44)                         | L9 AR-1268-4    | 9.553  | 8.280 | 8482404  | 5740296  | 61.416  | 53.971    |
| 45)                         | L9 AR-1268-5    | 9.973  | 8.578 | 3073613  | 2369387  | 2.788   | 2.979     |
| -----                       |                 |        |       |          |          |         |           |

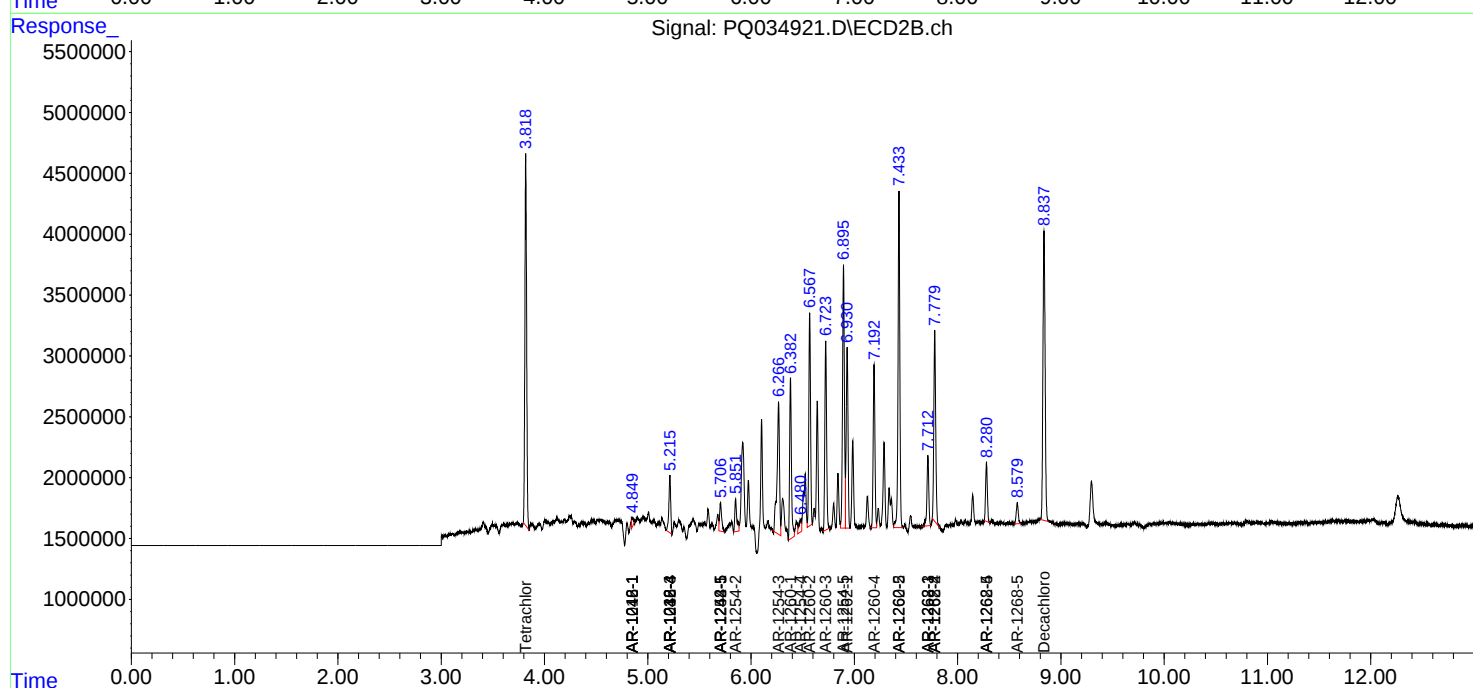
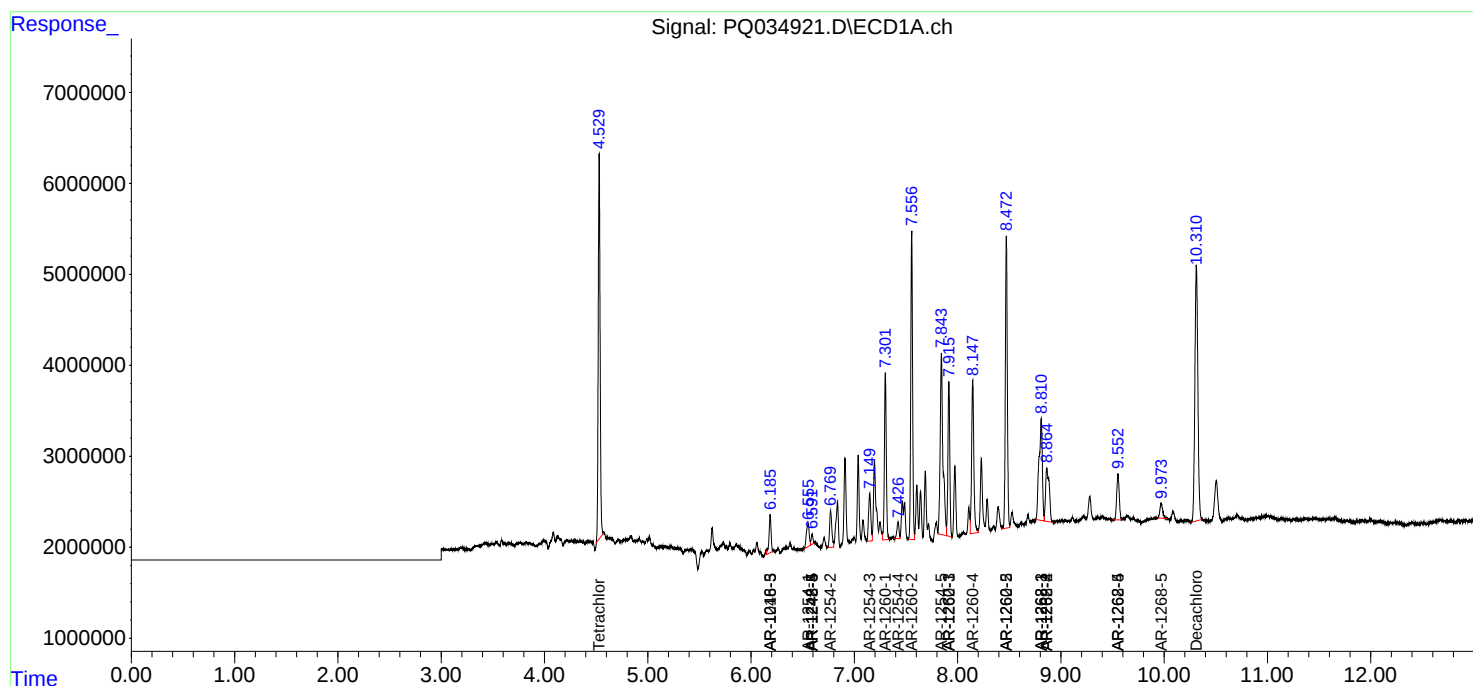
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

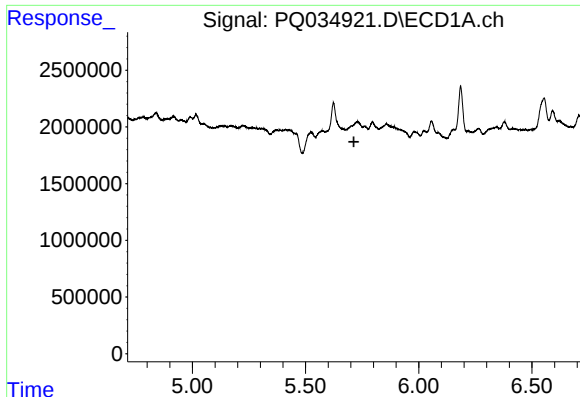
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ112318\  
Data File : PQ034921.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Nov 2018 18:28  
Operator : SM\SJ  
Sample : J6040-08  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 23 22:37:17 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ11718CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Nov 16 03:52:57 2018  
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

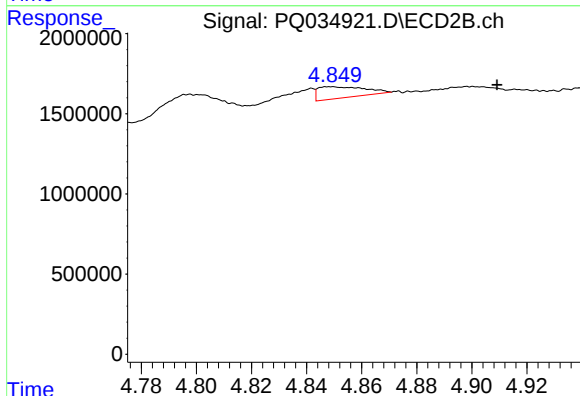




#3 AR-1016-1

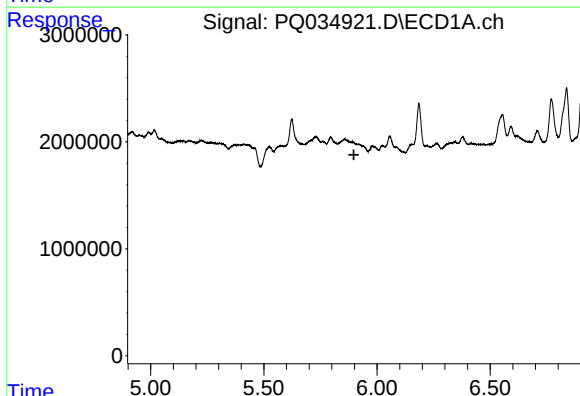
R.T.: 0.000 min  
Exp R.T.: 5.713 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



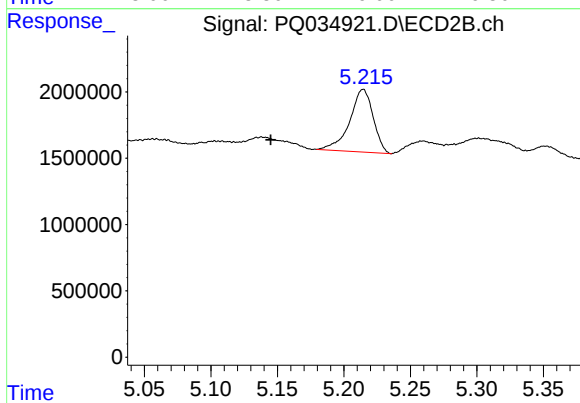
#3 AR-1016-1

R.T.: 4.850 min  
Delta R.T.: -0.059 min  
Response: 825035  
Conc: 12.56 ng/ml



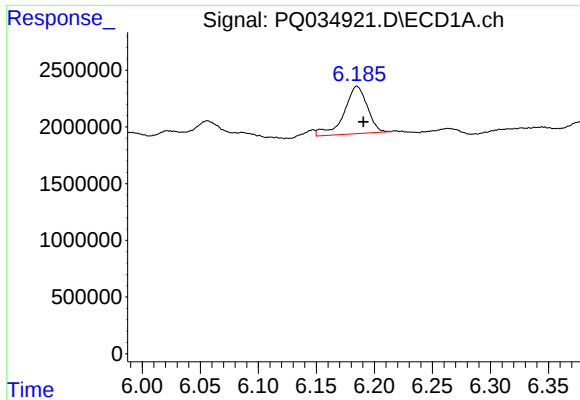
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.898 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

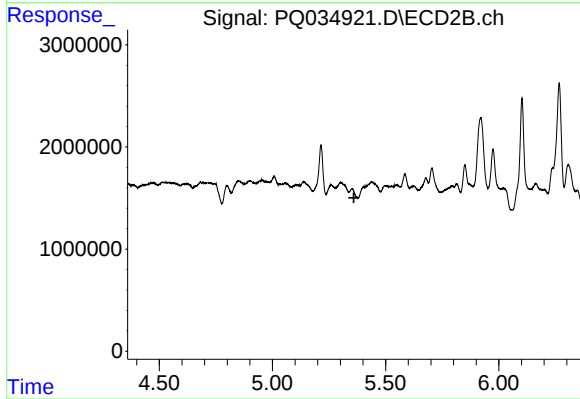
R.T.: 5.215 min  
Delta R.T.: 0.070 min  
Response: 5824383  
Conc: 148.64 ng/ml



#7 AR-1016-5

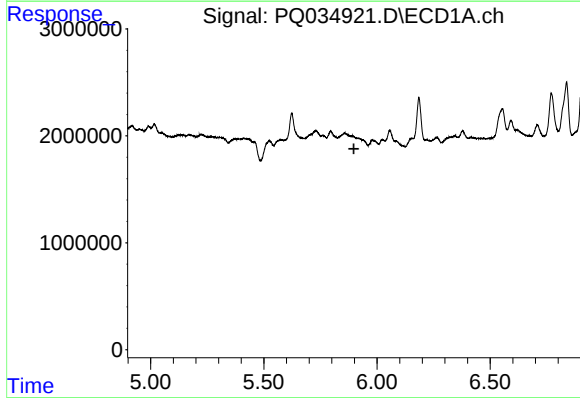
R.T.: 6.185 min  
Delta R.T.: -0.006 min  
Response: 5837436  
Conc: 84.86 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



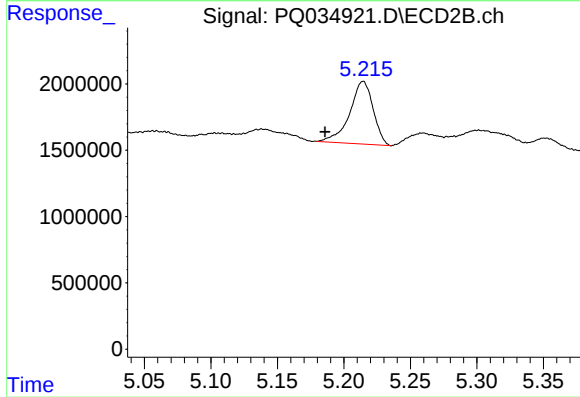
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.360 min  
Response: 0  
Conc: N.D.



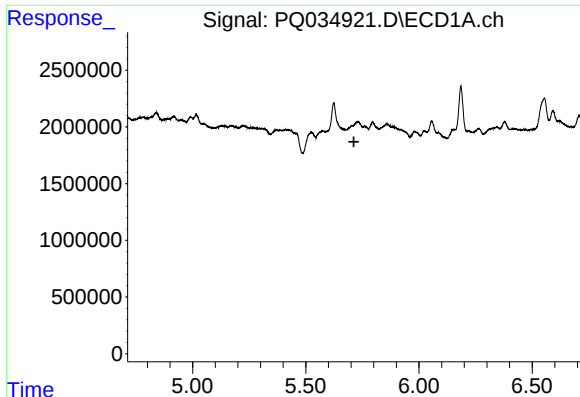
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.898 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

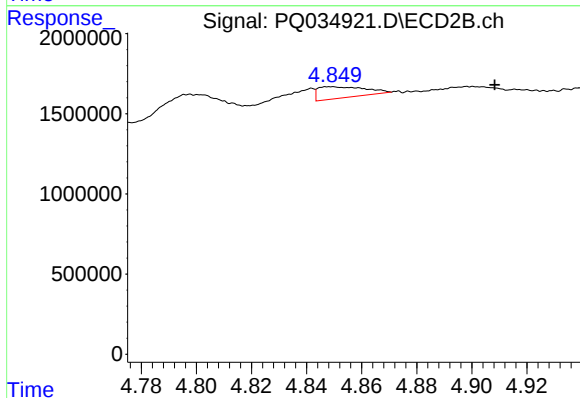
R.T.: 5.215 min  
Delta R.T.: 0.029 min  
Response: 5824383  
Conc: 335.18 ng/ml



#16 AR-1242-1

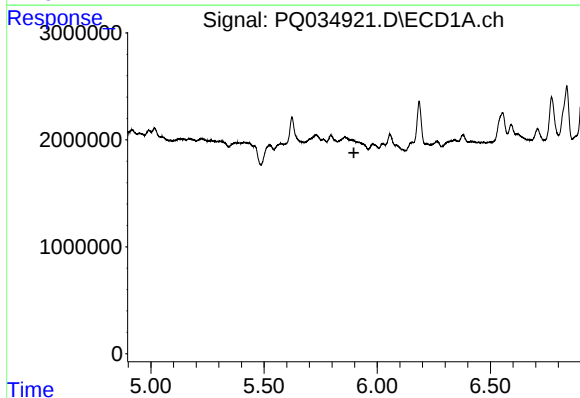
R.T.: 0.000 min  
Exp R.T.: 5.712 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



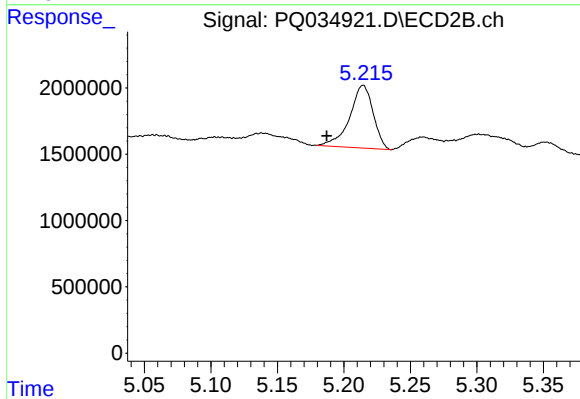
#16 AR-1242-1

R.T.: 4.850 min  
Delta R.T.: -0.059 min  
Response: 825035  
Conc: 15.87 ng/ml



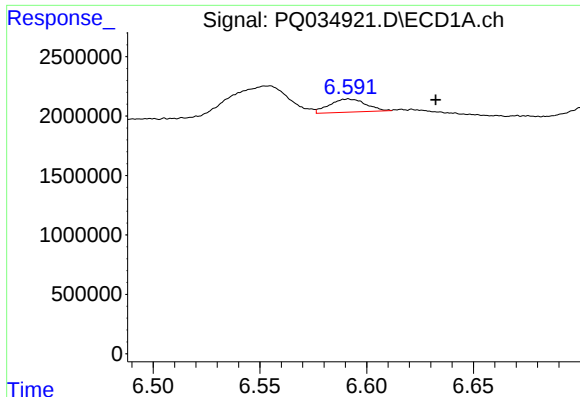
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.897 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

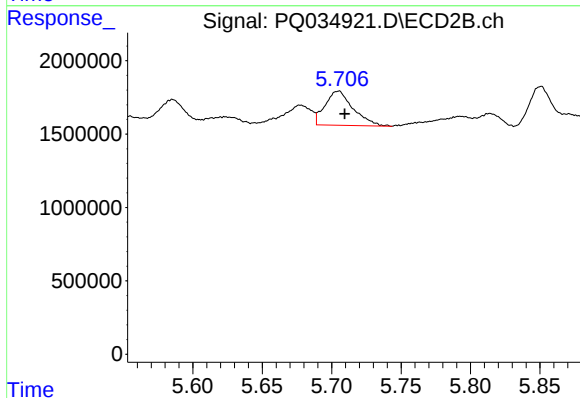
R.T.: 5.215 min  
Delta R.T.: 0.028 min  
Response: 5824383  
Conc: 150.84 ng/ml



#20 AR-1242-5

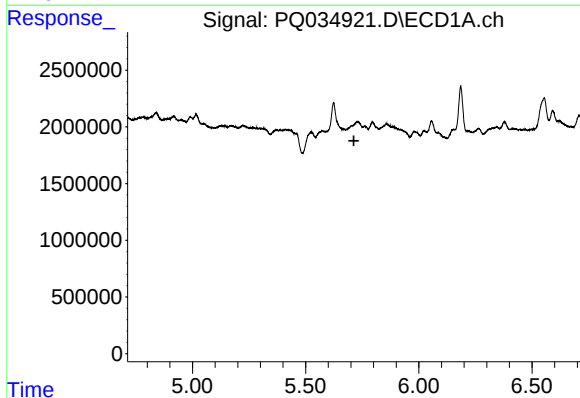
R.T.: 6.592 min  
Delta R.T.: -0.041 min  
Response: 1302732  
Conc: 21.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



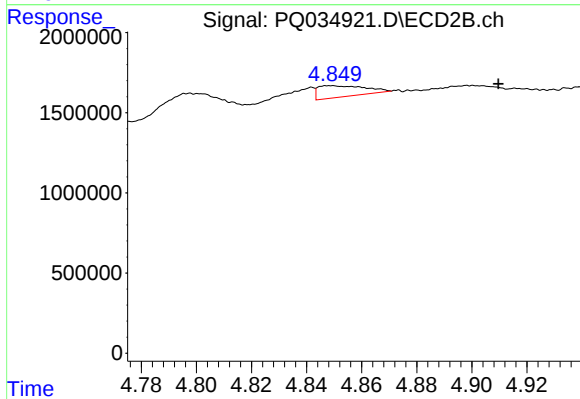
#20 AR-1242-5

R.T.: 5.706 min  
Delta R.T.: -0.004 min  
Response: 3303054  
Conc: 66.46 ng/ml



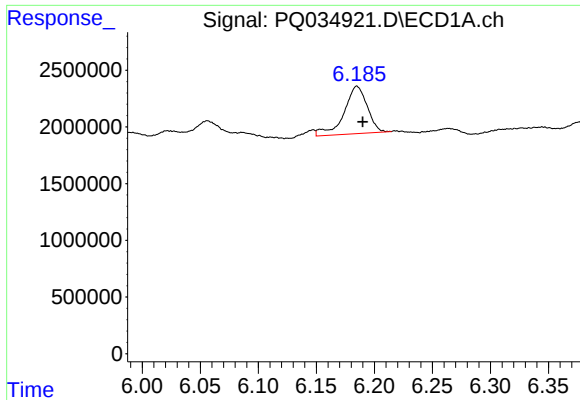
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.713 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

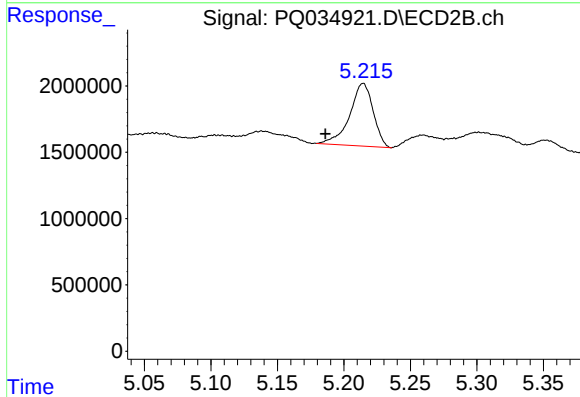
R.T.: 4.850 min  
Delta R.T.: -0.060 min  
Response: 825035  
Conc: 20.44 ng/ml



#23 AR-1248-3

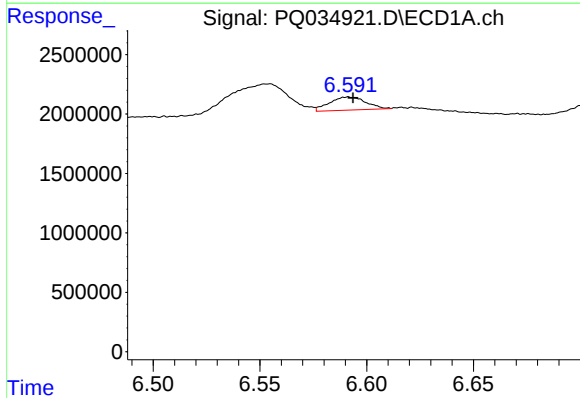
R.T.: 6.185 min  
Delta R.T.: -0.005 min  
Response: 5837436  
Conc: 60.49 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



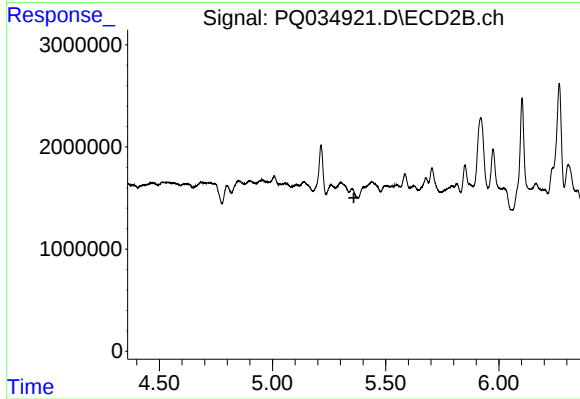
#23 AR-1248-3

R.T.: 5.215 min  
Delta R.T.: 0.028 min  
Response: 5824383  
Conc: 103.42 ng/ml



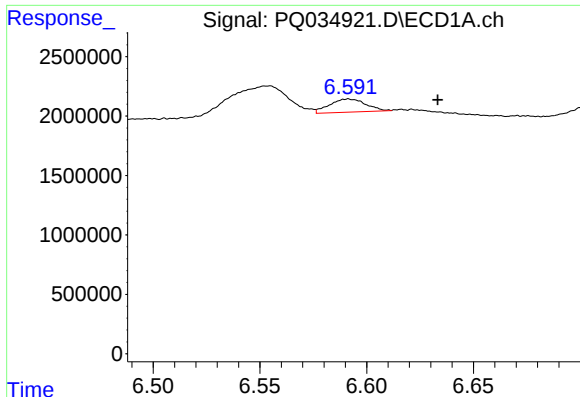
#24 AR-1248-4

R.T.: 6.592 min  
Delta R.T.: -0.002 min  
Response: 1302732  
Conc: 11.88 ng/ml



#24 AR-1248-4

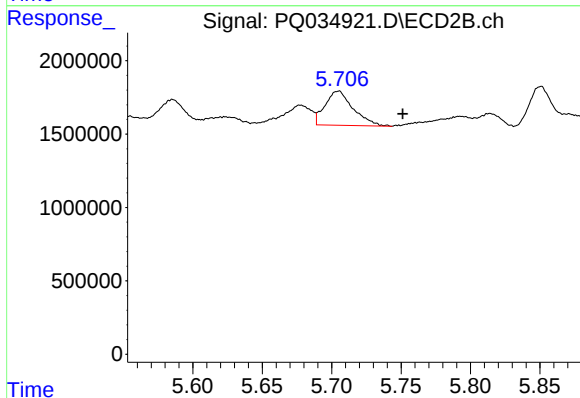
R.T.: 0.000 min  
Exp R.T.: 5.360 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

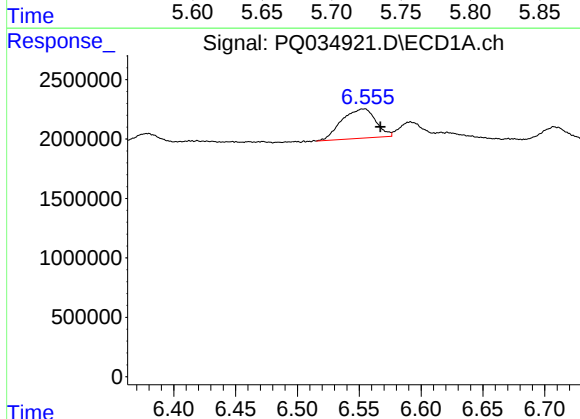
R.T.: 6.592 min  
Delta R.T.: -0.042 min  
Response: 1302732  
Conc: 12.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



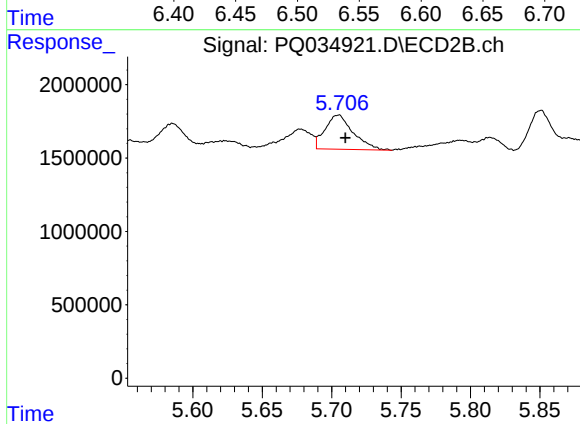
#25 AR-1248-5

R.T.: 5.706 min  
Delta R.T.: -0.046 min  
Response: 3303054  
Conc: 46.28 ng/ml



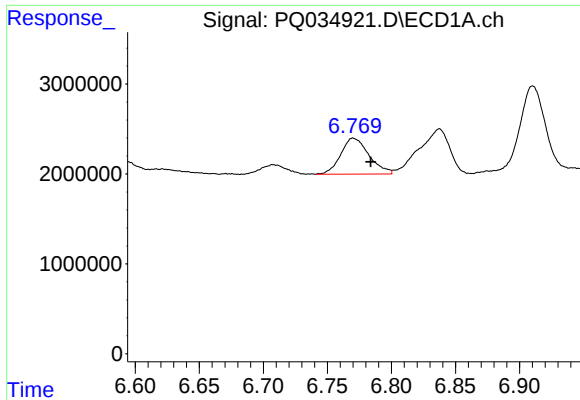
#26 AR-1254-1

R.T.: 6.555 min  
Delta R.T.: -0.012 min  
Response: 4717042  
Conc: 42.16 ng/ml



#26 AR-1254-1

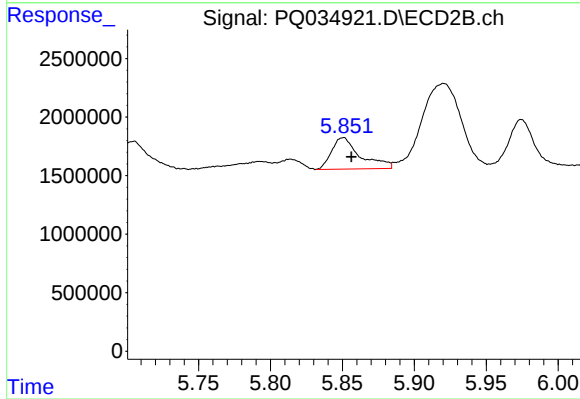
R.T.: 5.706 min  
Delta R.T.: -0.004 min  
Response: 3303054  
Conc: 30.22 ng/ml



#27 AR-1254-2

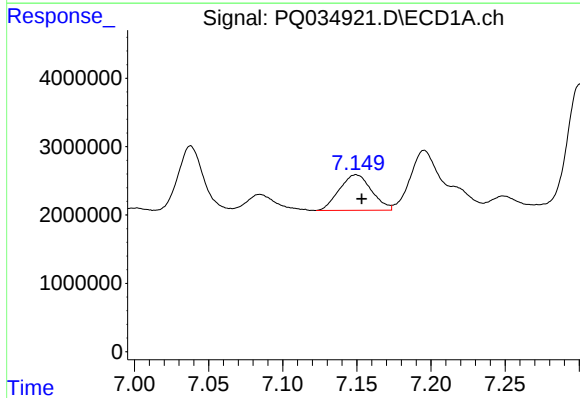
R.T.: 6.770 min  
Delta R.T.: -0.014 min  
Response: 6127697  
Conc: 34.64 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



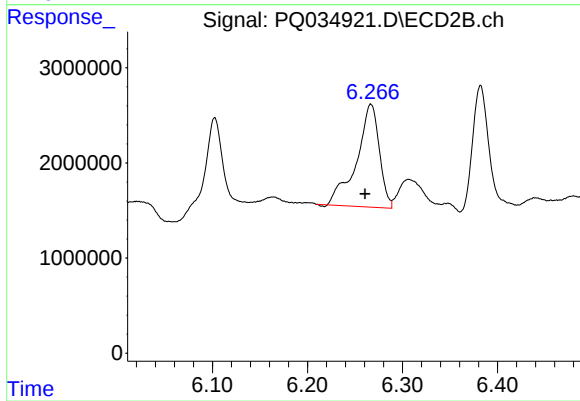
#27 AR-1254-2

R.T.: 5.851 min  
Delta R.T.: -0.005 min  
Response: 3714286  
Conc: 38.86 ng/ml



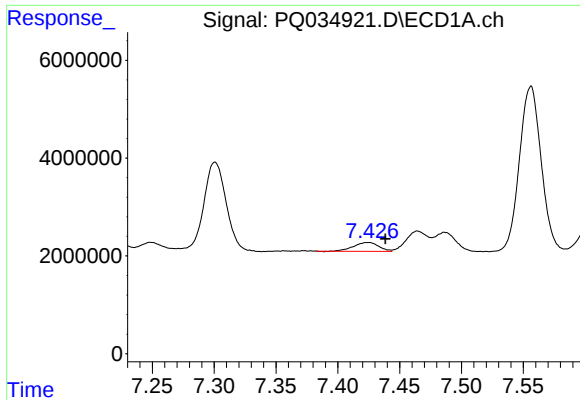
#28 AR-1254-3

R.T.: 7.149 min  
Delta R.T.: -0.004 min  
Response: 7916652  
Conc: 40.85 ng/ml



#28 AR-1254-3

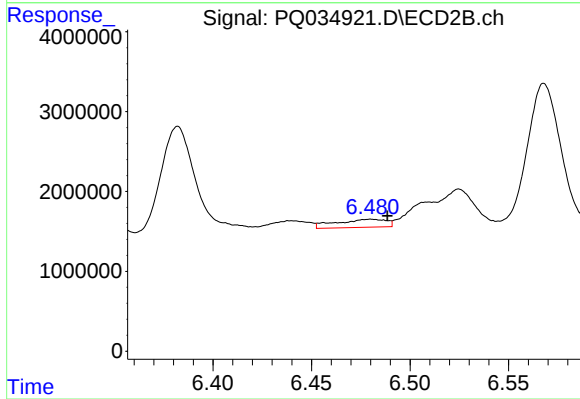
R.T.: 6.267 min  
Delta R.T.: 0.006 min  
Response: 17980454  
Conc: 111.20 ng/ml



#29 AR-1254-4

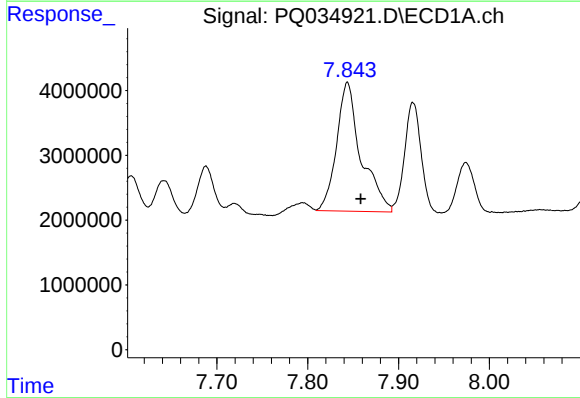
R.T.: 7.426 min  
Delta R.T.: -0.013 min  
Response: 2556718  
Conc: 18.01 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



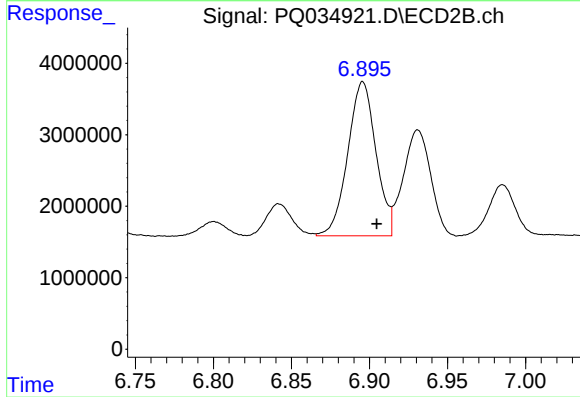
#29 AR-1254-4

R.T.: 6.480 min  
Delta R.T.: -0.009 min  
Response: 1783637  
Conc: 17.23 ng/ml



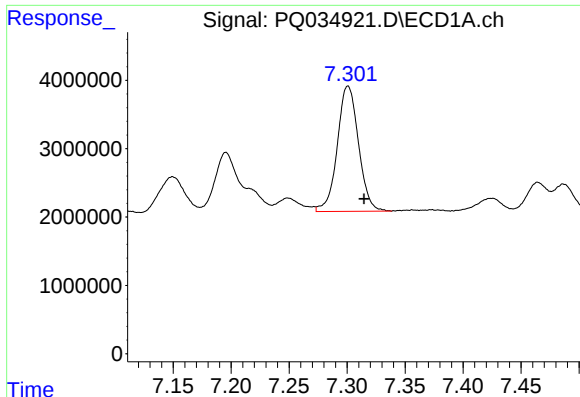
#30 AR-1254-5

R.T.: 7.844 min  
Delta R.T.: -0.015 min  
Response: 37204413  
Conc: 247.17 ng/ml



#30 AR-1254-5

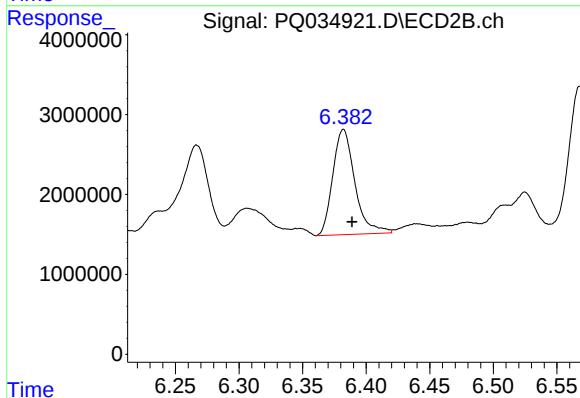
R.T.: 6.896 min  
Delta R.T.: -0.009 min  
Response: 27134017  
Conc: 191.24 ng/ml



#31 AR-1260-1

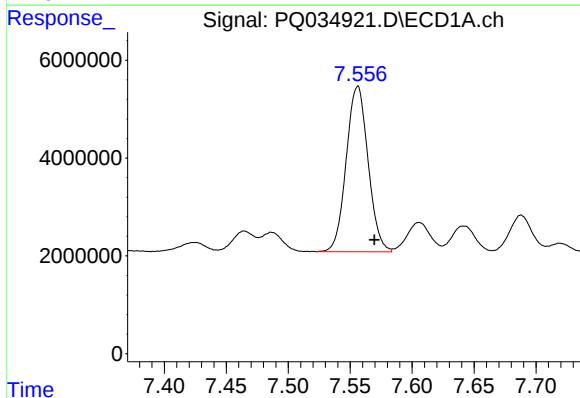
R.T.: 7.301 min  
Delta R.T.: -0.014 min  
Response: 23366351  
Conc: 168.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



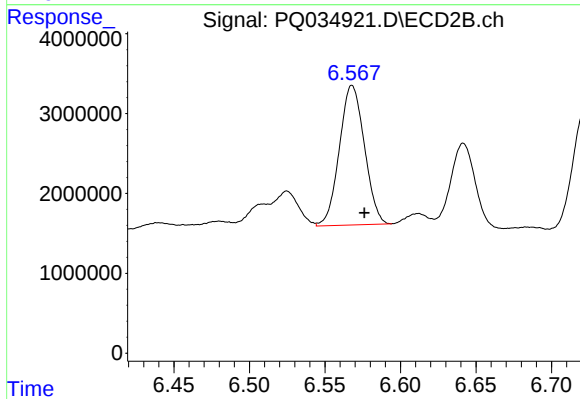
#31 AR-1260-1

R.T.: 6.382 min  
Delta R.T.: -0.007 min  
Response: 15939187  
Conc: 148.66 ng/ml



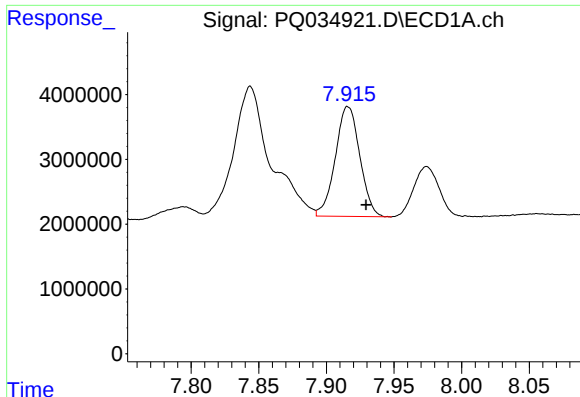
#32 AR-1260-2

R.T.: 7.556 min  
Delta R.T.: -0.013 min  
Response: 41607387  
Conc: 243.37 ng/ml



#32 AR-1260-2

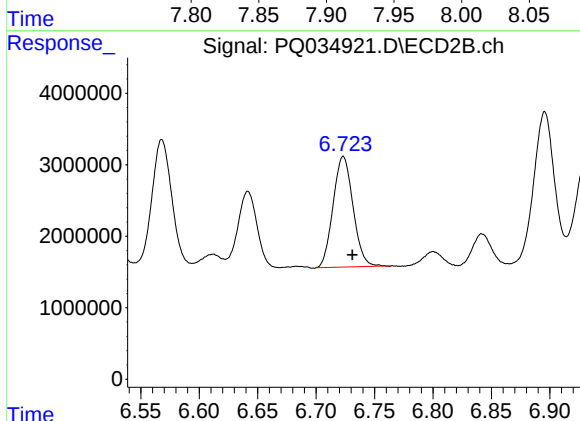
R.T.: 6.568 min  
Delta R.T.: -0.008 min  
Response: 20168154  
Conc: 150.17 ng/ml



#33 AR-1260-3

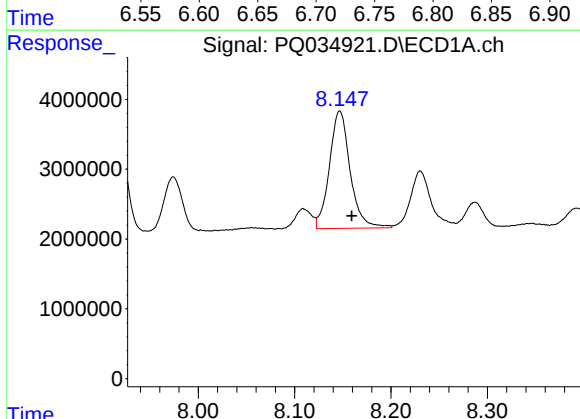
R.T.: 7.916 min  
Delta R.T.: -0.014 min  
Response: 21346585  
Conc: 200.30 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



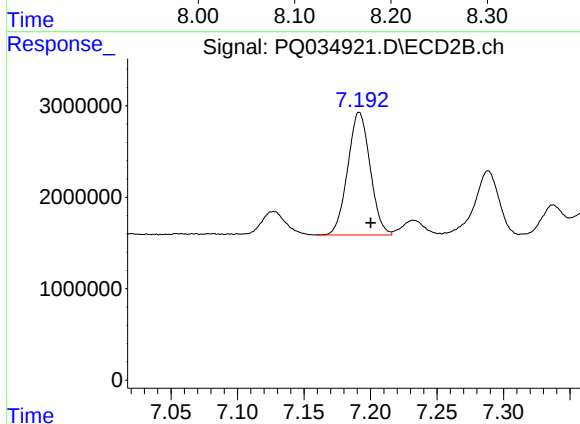
#33 AR-1260-3

R.T.: 6.723 min  
Delta R.T.: -0.008 min  
Response: 18367027  
Conc: 149.61 ng/ml



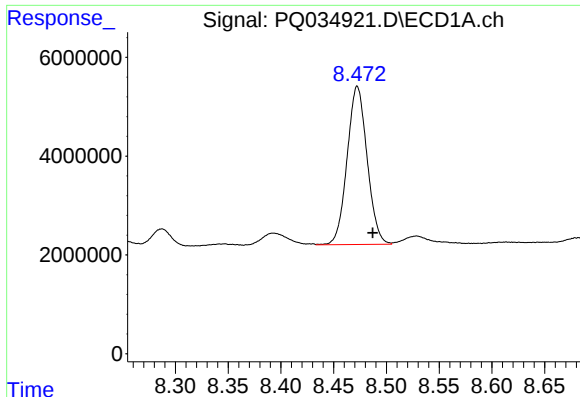
#34 AR-1260-4

R.T.: 8.147 min  
Delta R.T.: -0.012 min  
Response: 25173077  
Conc: 190.06 ng/ml



#34 AR-1260-4

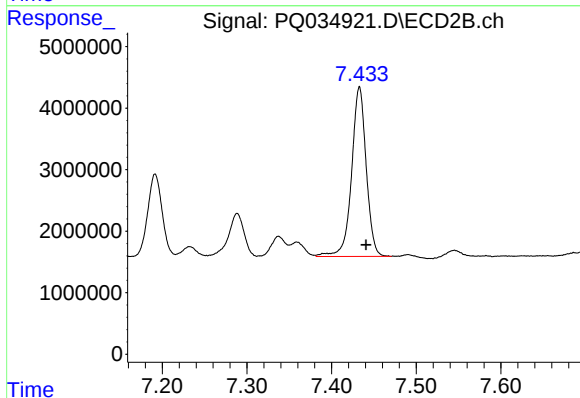
R.T.: 7.192 min  
Delta R.T.: -0.009 min  
Response: 15721460  
Conc: 182.28 ng/ml



#35 AR-1260-5

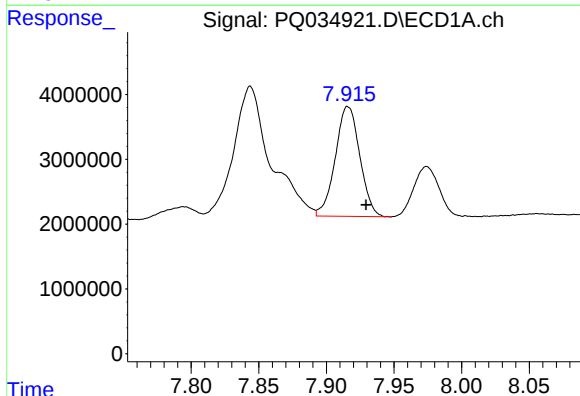
R.T.: 8.472 min  
Delta R.T.: -0.014 min  
Response: 42313187  
Conc: 155.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



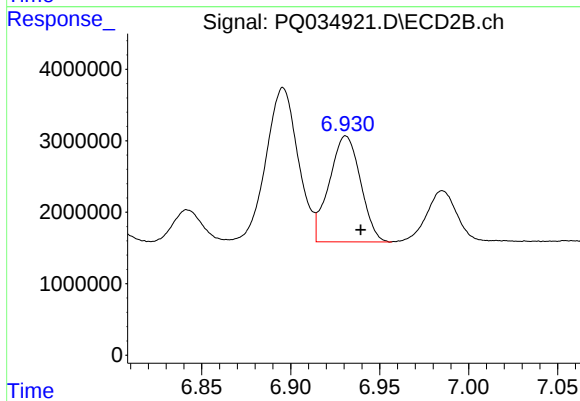
#35 AR-1260-5

R.T.: 7.433 min  
Delta R.T.: -0.008 min  
Response: 33080030  
Conc: 150.49 ng/ml



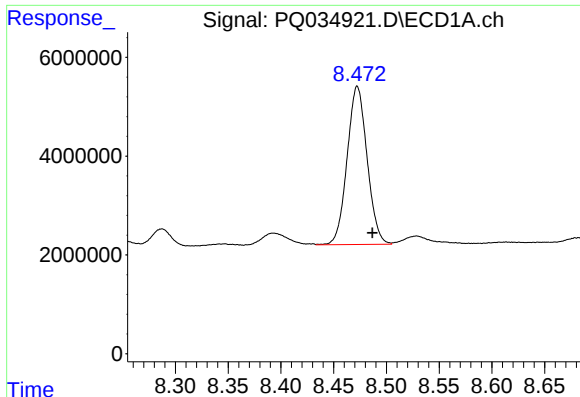
#36 AR-1262-1

R.T.: 7.916 min  
Delta R.T.: -0.014 min  
Response: 21346585  
Conc: 112.80 ng/ml



#36 AR-1262-1

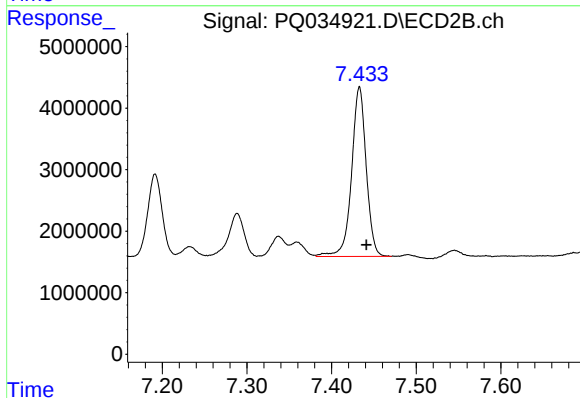
R.T.: 6.931 min  
Delta R.T.: -0.008 min  
Response: 18145044  
Conc: 121.95 ng/ml



#37 AR-1262-2

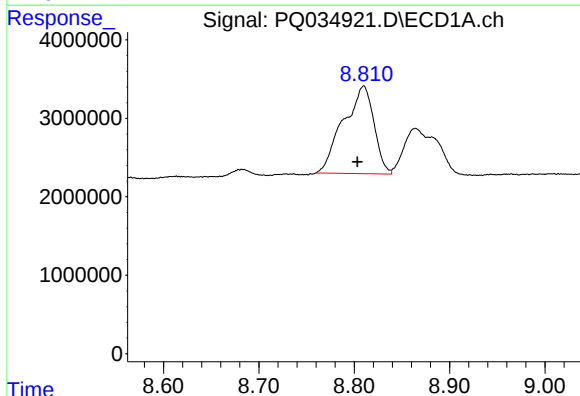
R.T.: 8.472 min  
Delta R.T.: -0.014 min  
Response: 42313187  
Conc: 120.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



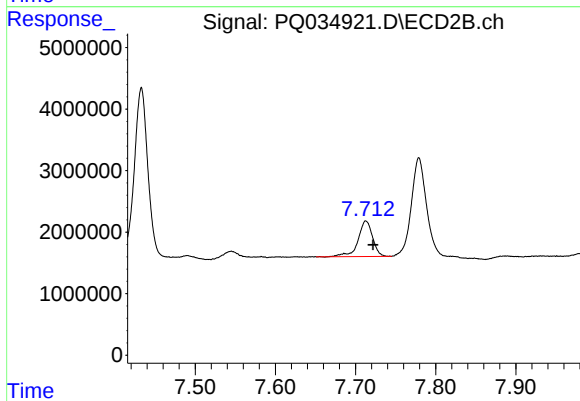
#37 AR-1262-2

R.T.: 7.433 min  
Delta R.T.: -0.008 min  
Response: 33080030  
Conc: 120.15 ng/ml



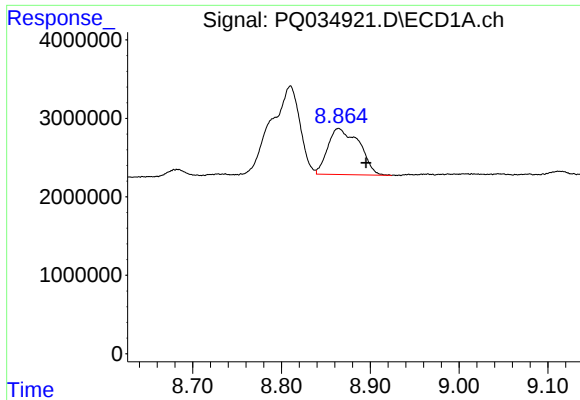
#38 AR-1262-3

R.T.: 8.810 min  
Delta R.T.: 0.007 min  
Response: 24875121  
Conc: 108.26 ng/ml



#38 AR-1262-3

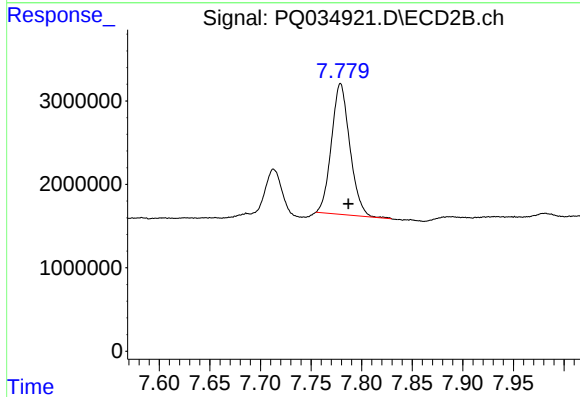
R.T.: 7.713 min  
Delta R.T.: -0.009 min  
Response: 7266330  
Conc: 67.20 ng/ml



#39 AR-1262-4

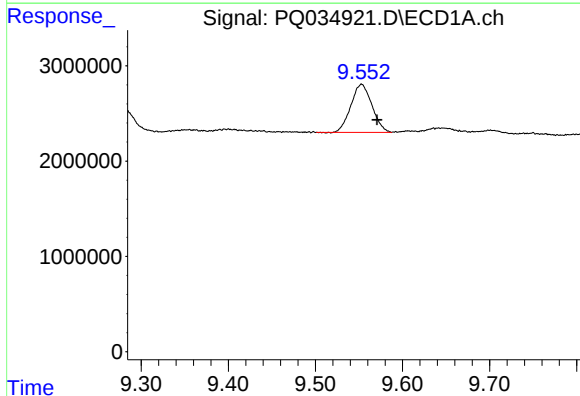
R.T.: 8.864 min  
Delta R.T.: -0.031 min  
Response: 14515946  
Conc: 85.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



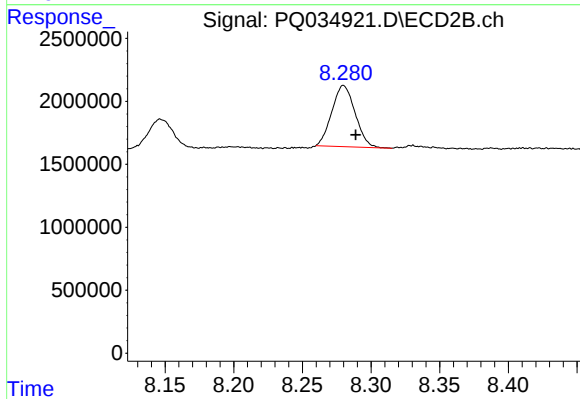
#39 AR-1262-4

R.T.: 7.779 min  
Delta R.T.: -0.008 min  
Response: 19857030  
Conc: 99.14 ng/ml



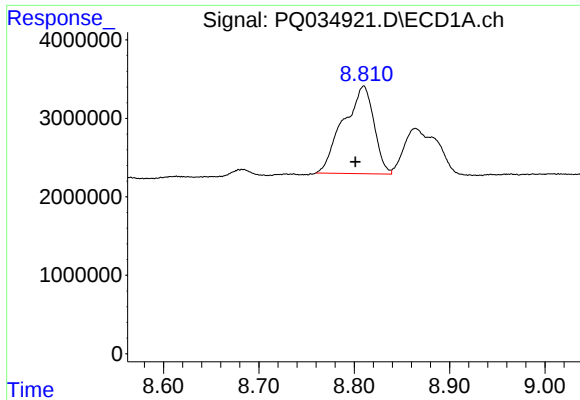
#40 AR-1262-5

R.T.: 9.553 min  
Delta R.T.: -0.017 min  
Response: 8482404  
Conc: 69.56 ng/ml



#40 AR-1262-5

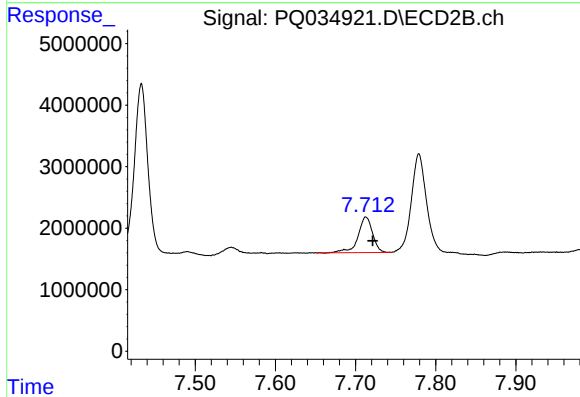
R.T.: 8.280 min  
Delta R.T.: -0.009 min  
Response: 5740296  
Conc: 63.04 ng/ml



#41 AR-1268-1

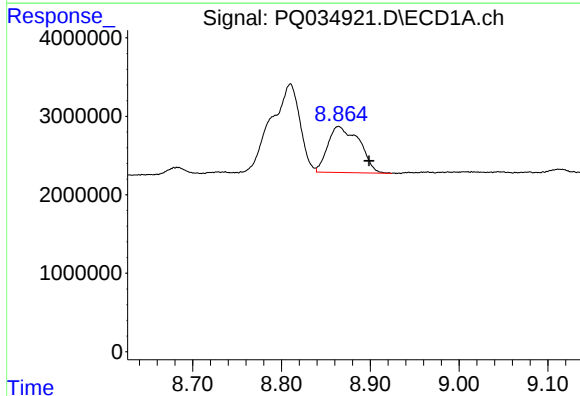
R.T.: 8.810 min  
Delta R.T.: 0.009 min  
Response: 24875121  
Conc: 57.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



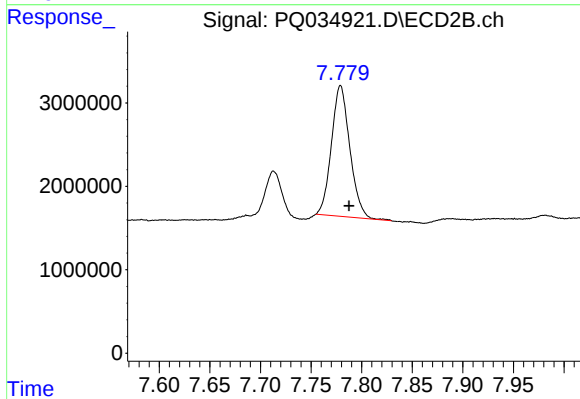
#41 AR-1268-1

R.T.: 7.713 min  
Delta R.T.: -0.008 min  
Response: 7266330  
Conc: 21.82 ng/ml



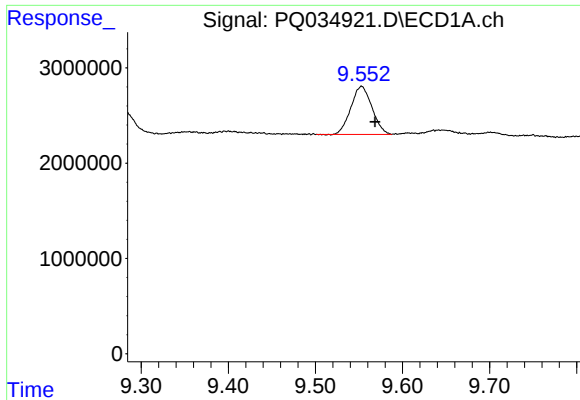
#42 AR-1268-2

R.T.: 8.864 min  
Delta R.T.: -0.034 min  
Response: 14515946  
Conc: 37.40 ng/ml



#42 AR-1268-2

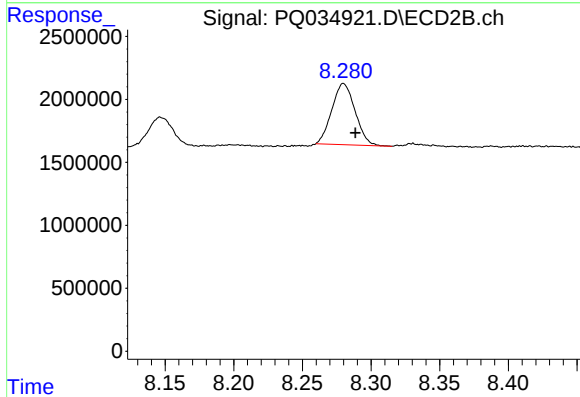
R.T.: 7.779 min  
Delta R.T.: -0.008 min  
Response: 19857030  
Conc: 66.49 ng/ml



#44 AR-1268-4

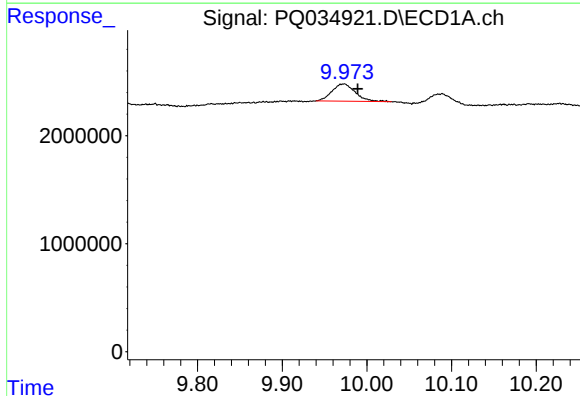
R.T.: 9.553 min  
Delta R.T.: -0.015 min  
Response: 8482404  
Conc: 61.42 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



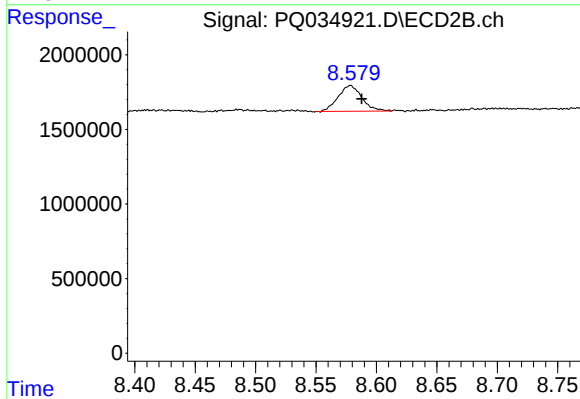
#44 AR-1268-4

R.T.: 8.280 min  
Delta R.T.: -0.009 min  
Response: 5740296  
Conc: 53.97 ng/ml



#45 AR-1268-5

R.T.: 9.973 min  
Delta R.T.: -0.016 min  
Response: 3073613  
Conc: 2.79 ng/ml



#45 AR-1268-5

R.T.: 8.578 min  
Delta R.T.: -0.010 min  
Response: 2369387  
Conc: 2.98 ng/ml