

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ112318\  
 Data File : PQ034955.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Nov 2018 06:31  
 Operator : SM\SJ  
 Sample : J6041-16  
 Misc :  
 ALS Vial : 69 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 26 00:43:56 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... | 4.532  | 3.822 | 49574156 | 37941683 | 17.998  | 22.385    |
| 2)                          | SA Decachlor... | 10.316 | 8.839 | 63324702 | 34875946 | 22.985  | 17.894    |
|                             |                 |        |       |          |          |         |           |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.853 | 0        | 896350   | N.D.    | 13.645 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.212 | 0        | 2222429  | N.D.    | 56.716 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.417 | 0        | 1156446  | N.D.    | 22.310 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.212 | 0        | 2222429  | N.D.    | 127.894 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.417 | 0        | 1156446  | N.D.    | 59.747 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.853 | 0        | 896350   | N.D.    | 17.247 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.212 | 0        | 2222429  | N.D.    | 57.555 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.680 | 0        | 1015821  | N.D.    | 20.440 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.853 | 0        | 896350   | N.D.    | 22.207 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.212 | 0        | 2222429  | N.D.    | 40.312 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.212 | 0        | 2222429  | N.D.    | 39.462 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.417 | 0        | 1156446  | N.D.    | 16.664 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.680 | 0        | 1015821  | N.D.    | 9.294 #   |
| 27)                         | L6 AR-1254-2    | 6.775  | 5.873 | 3645513  | 1157745  | 20.605  | 12.112 #  |
| 28)                         | L6 AR-1254-3    | 7.153  | 6.271 | 6682809  | 6498766  | 34.483  | 40.193    |
| 29)                         | L6 AR-1254-4    | 7.466  | 6.526 | 2292425  | 1650651  | 16.151  | 15.948    |
| 30)                         | L6 AR-1254-5    | 7.865  | 6.896 | 5403432  | 6898023  | 35.898  | 48.618 #  |
| 31)                         | L7 AR-1260-1    | 7.302  | 6.386 | 2373160  | 1602326  | 17.096  | 14.945    |
| 32)                         | L7 AR-1260-2    | 7.556  | 6.571 | 28386638 | 2355058  | 166.039 | 17.536 #  |
| 33)                         | L7 AR-1260-3    | 7.918  | 6.724 | 1637733  | 1831392  | 15.367  | 14.918    |
| 34)                         | L7 AR-1260-4    | 8.152  | 7.193 | 3132518  | 1362244  | 23.651  | 15.794 #  |
| 35)                         | L7 AR-1260-5    | 8.475  | 7.432 | 3404067  | 5203511  | 12.546  | 23.672 #  |
| 36)                         | L8 AR-1262-1    | 7.918  | 6.932 | 1637733  | 2039468  | 8.654   | 13.707 #  |
| 37)                         | L8 AR-1262-2    | 8.475  | 7.432 | 3404067  | 5203511  | 9.690   | 18.899 #  |
| 38)                         | L8 AR-1262-3    | 8.802  | 7.780 | 639379   | 2717885  | 2.783   | 25.134 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.780 | 0        | 2717885  | N.D.    | 13.569 #  |
| 41)                         | L9 AR-1268-1    | 8.802  | 7.780 | 639379   | 2717885  | 1.484   | 8.161 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.780 | 0        | 2717885  | N.D.    | 9.100 #   |
| 45)                         | L9 AR-1268-5    | 9.975  | 8.581 | 2264305  | 1566136  | 2.054   | 1.969     |
| -----                       |                 |        |       |          |          |         |           |

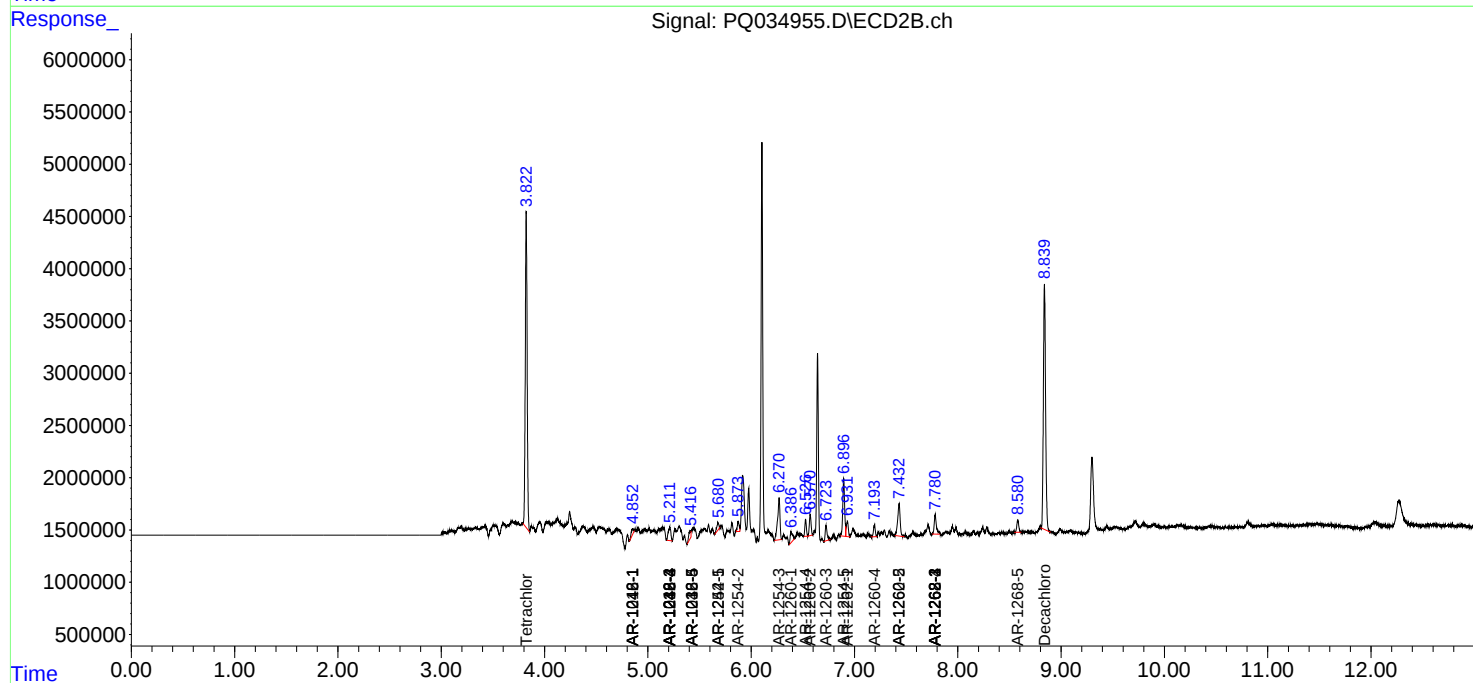
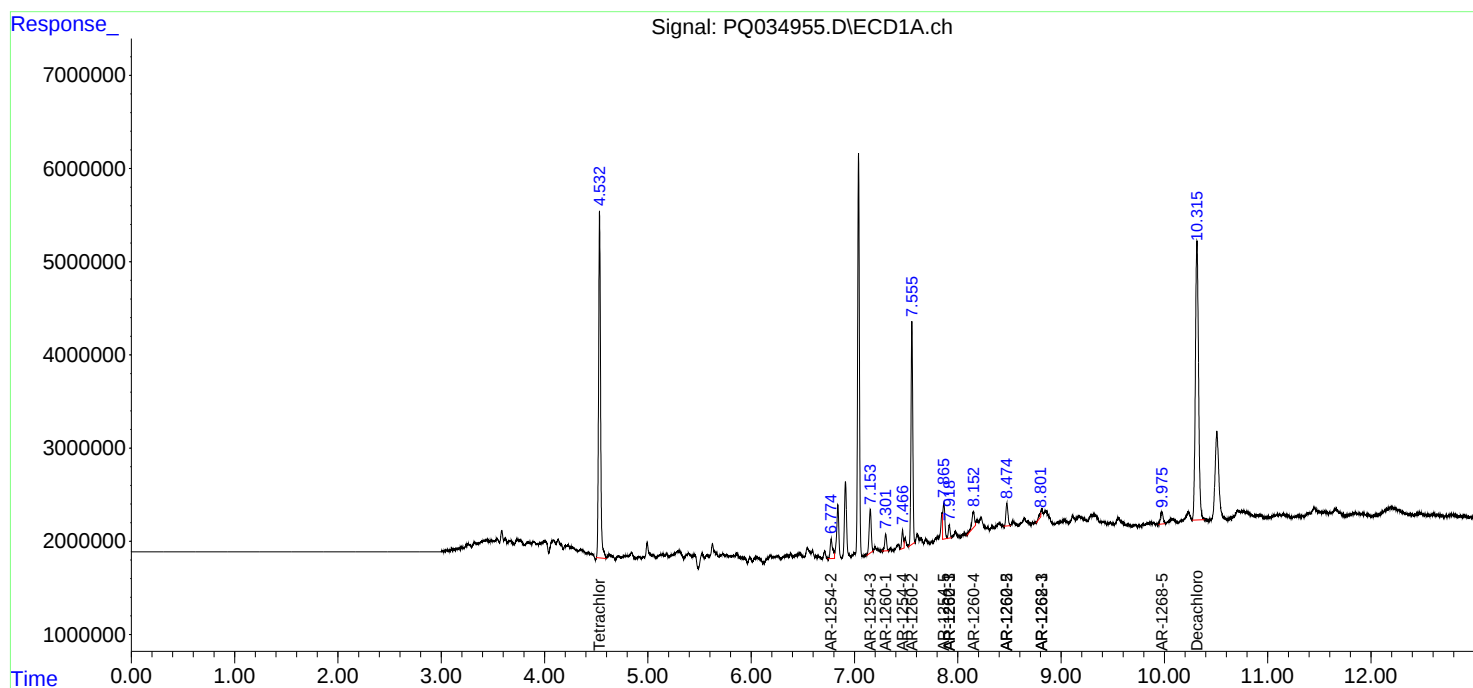
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

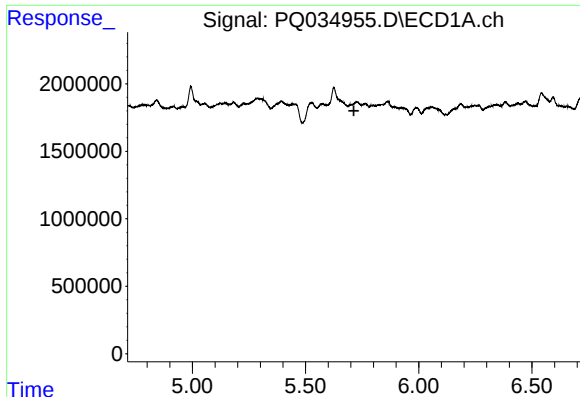
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ112318\  
Data File : PQ034955.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Nov 2018 06:31  
Operator : SM\SJ  
Sample : J6041-16  
Misc :  
ALS Vial : 69 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 26 00:43:56 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

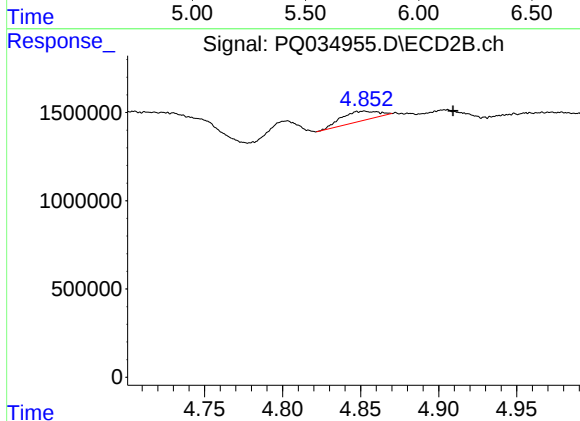




#3 AR-1016-1

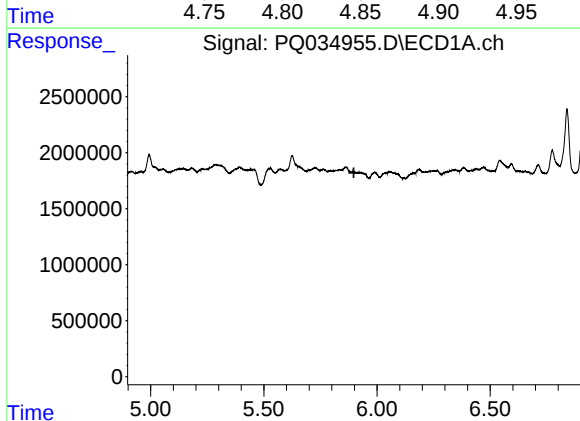
R.T.: 0.000 min  
Exp R.T.: 5.713 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



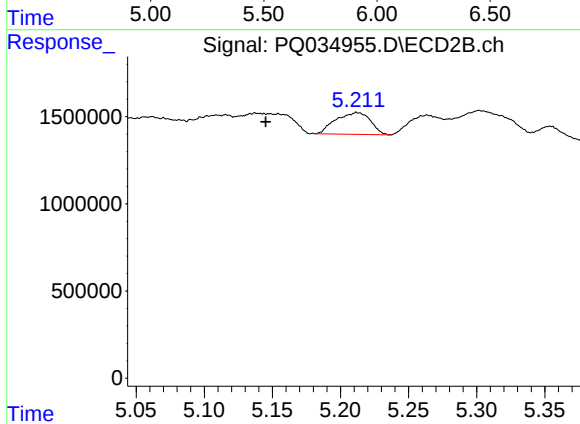
#3 AR-1016-1

R.T.: 4.853 min  
Delta R.T.: -0.057 min  
Response: 896350  
Conc: 13.64 ng/ml



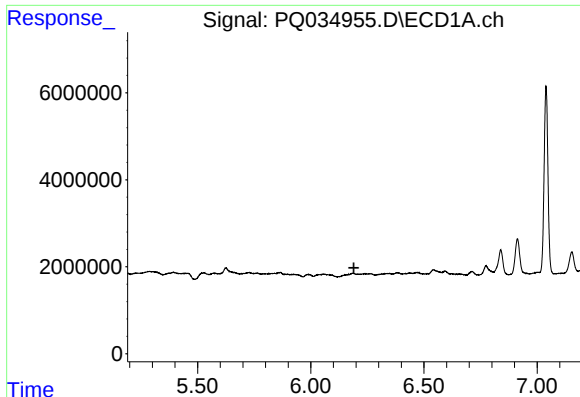
#6 AR-1016-4

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



#6 AR-1016-4

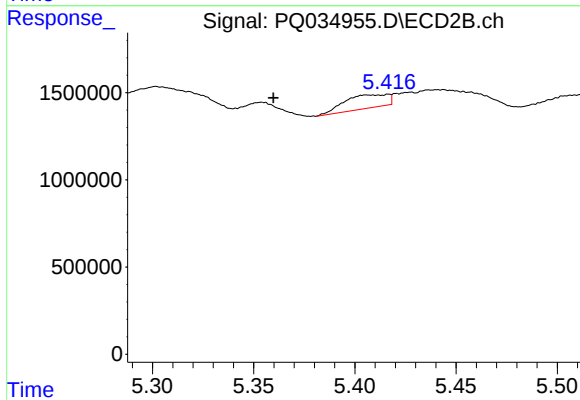
R.T.: 5.212 min  
Delta R.T.: 0.067 min  
Response: 2222429  
Conc: 56.72 ng/ml



#7 AR-1016-5

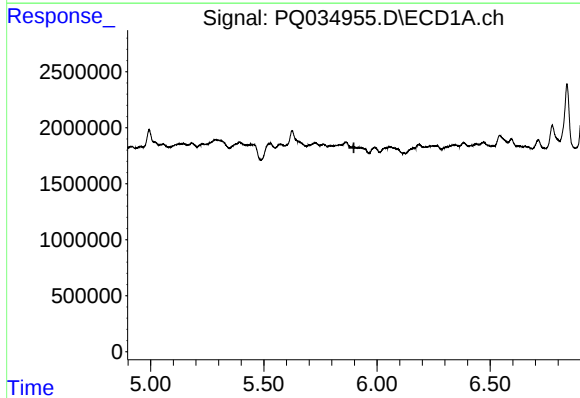
R.T.: 0.000 min  
Exp R.T.: 6.191 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



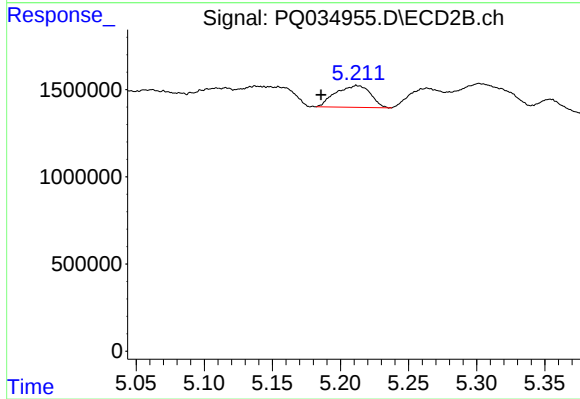
#7 AR-1016-5

R.T.: 5.417 min  
Delta R.T.: 0.057 min  
Response: 1156446  
Conc: 22.31 ng/ml



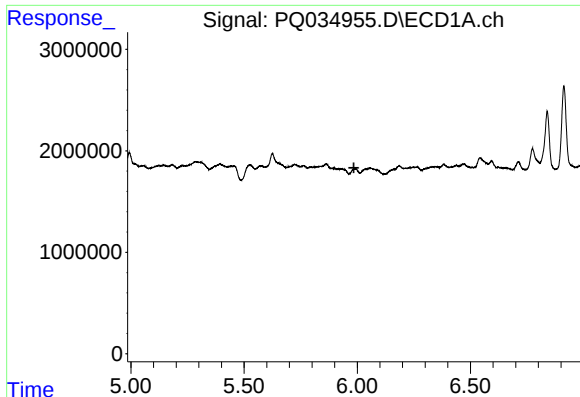
#14 AR-1232-4

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



#14 AR-1232-4

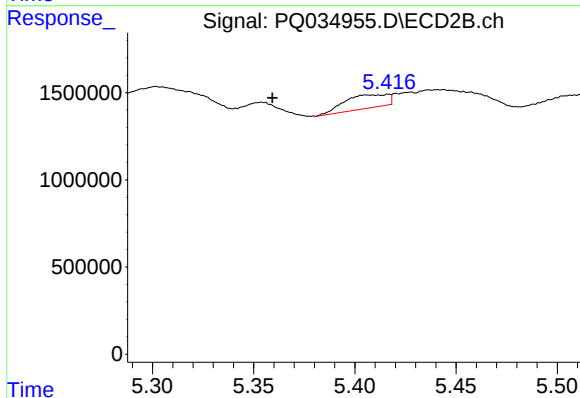
R.T.: 5.212 min  
Delta R.T.: 0.026 min  
Response: 2222429  
Conc: 127.89 ng/ml



#15 AR-1232-5

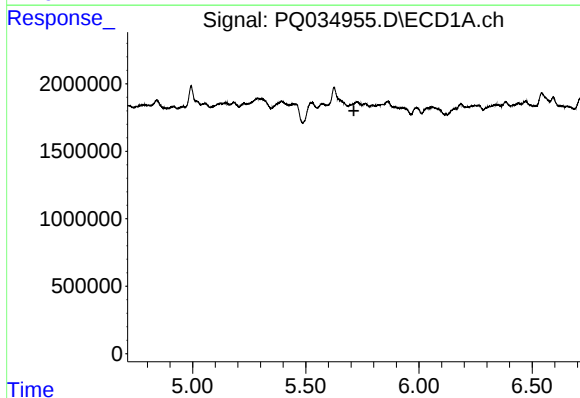
R.T.: 0.000 min  
Exp R.T.: 5.985 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



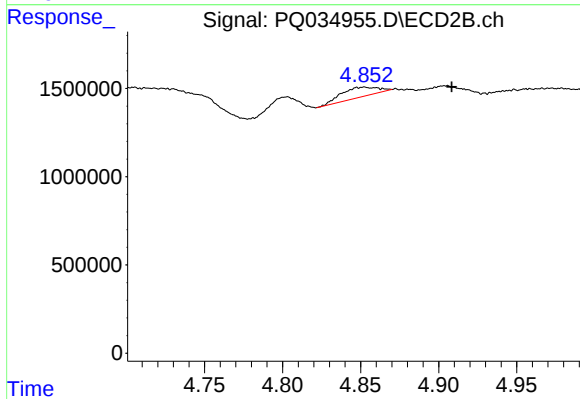
#15 AR-1232-5

R.T.: 5.417 min  
Delta R.T.: 0.057 min  
Response: 1156446  
Conc: 59.75 ng/ml



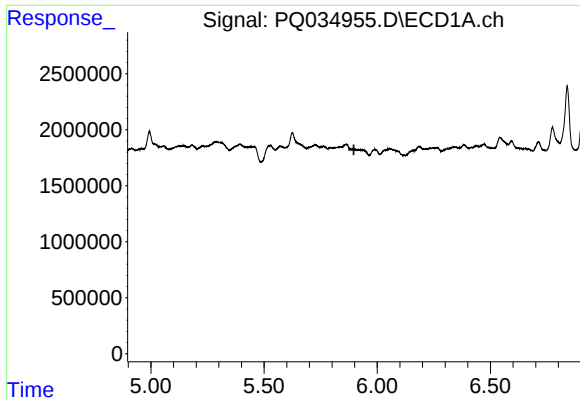
#16 AR-1242-1

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



#16 AR-1242-1

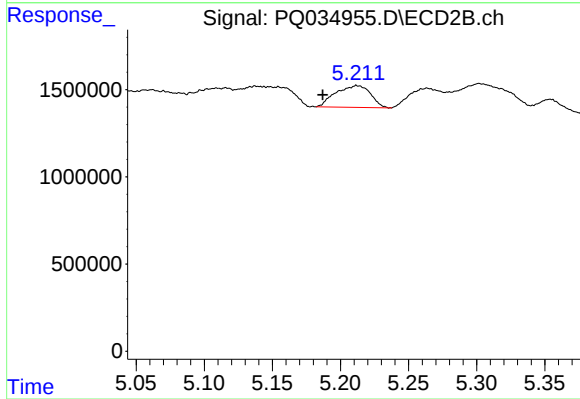
R.T.: 4.853 min  
Delta R.T.: -0.056 min  
Response: 896350  
Conc: 17.25 ng/ml



#19 AR-1242-4

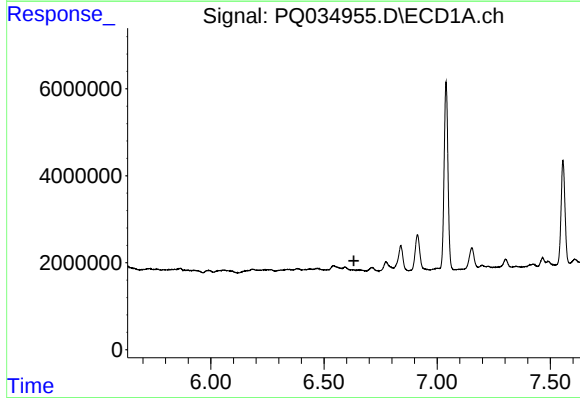
R.T.: 0.000 min  
Exp R.T.: 5.897 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



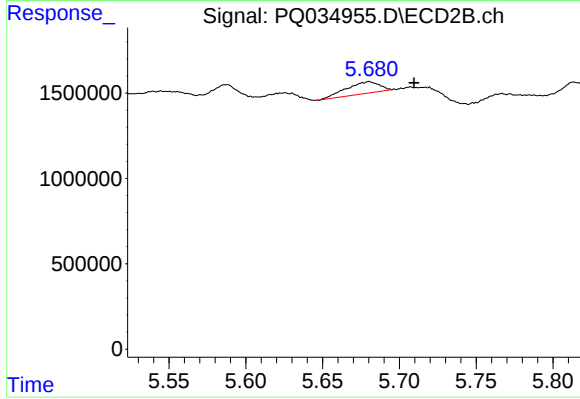
#19 AR-1242-4

R.T.: 5.212 min  
Delta R.T.: 0.025 min  
Response: 2222429  
Conc: 57.56 ng/ml



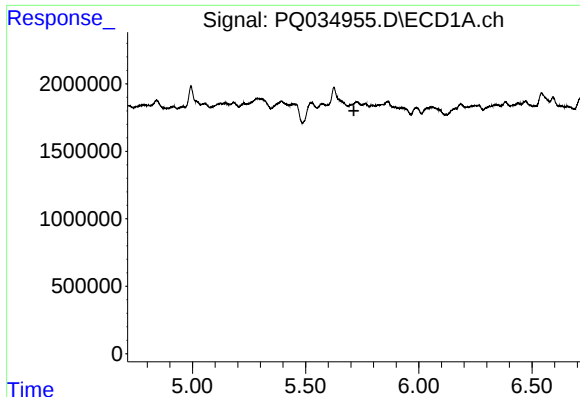
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.632 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

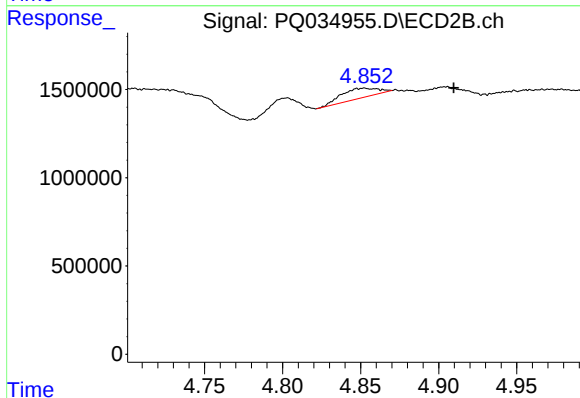
R.T.: 5.680 min  
Delta R.T.: -0.029 min  
Response: 1015821  
Conc: 20.44 ng/ml



#21 AR-1248-1

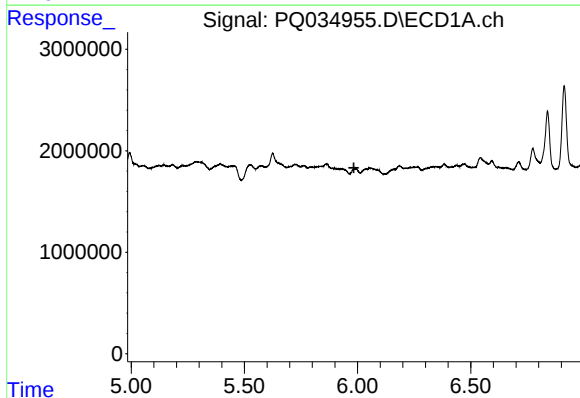
R.T.: 0.000 min  
Exp R.T.: 5.713 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



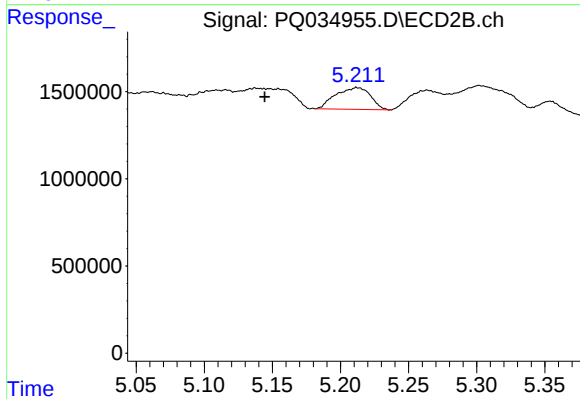
#21 AR-1248-1

R.T.: 4.853 min  
Delta R.T.: -0.057 min  
Response: 896350  
Conc: 22.21 ng/ml



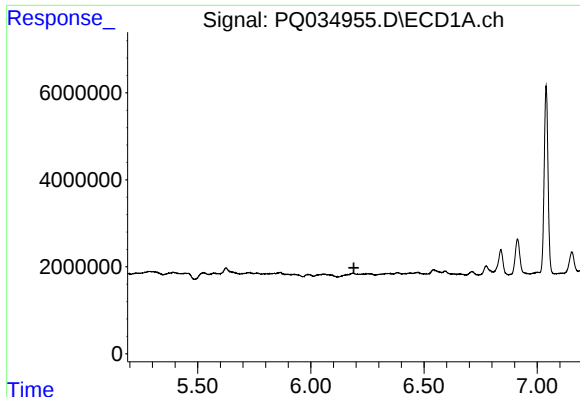
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.984 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

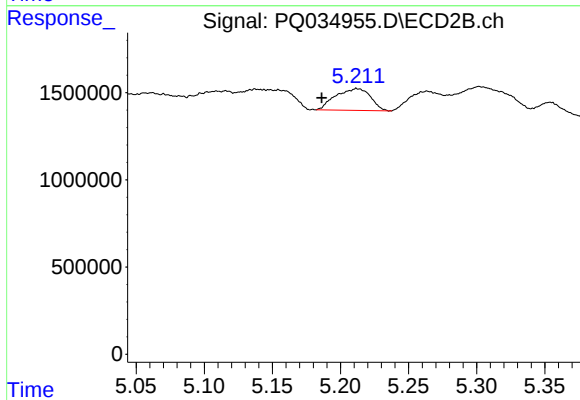
R.T.: 5.212 min  
Delta R.T.: 0.067 min  
Response: 2222429  
Conc: 40.31 ng/ml



#23 AR-1248-3

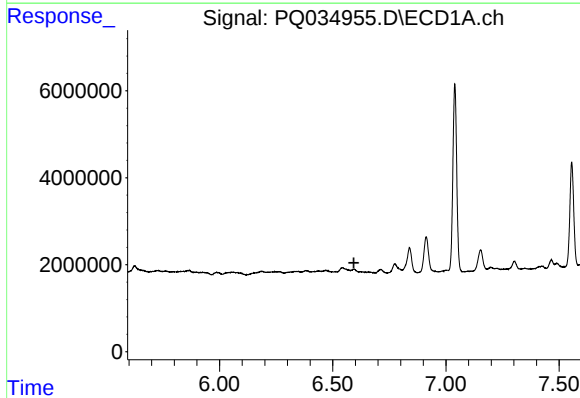
R.T.: 0.000 min  
Exp R.T.: 6.190 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



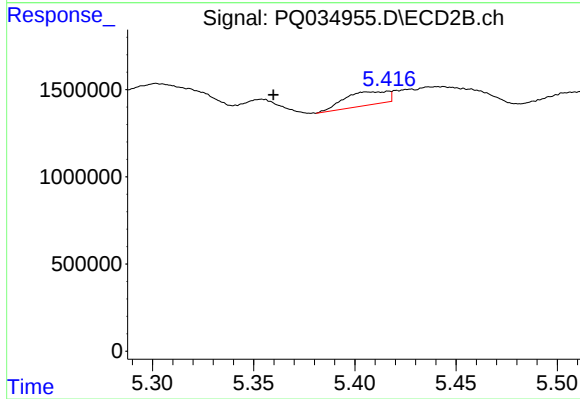
#23 AR-1248-3

R.T.: 5.212 min  
Delta R.T.: 0.025 min  
Response: 2222429  
Conc: 39.46 ng/ml



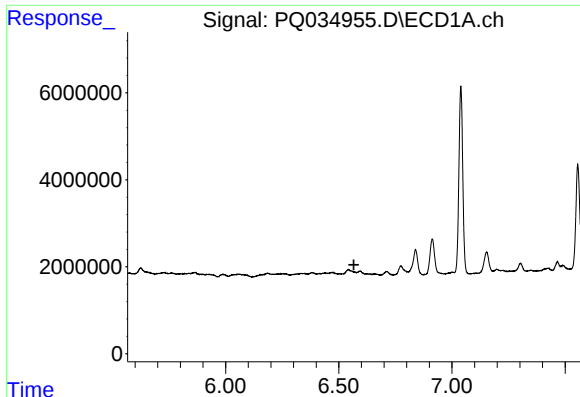
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.594 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

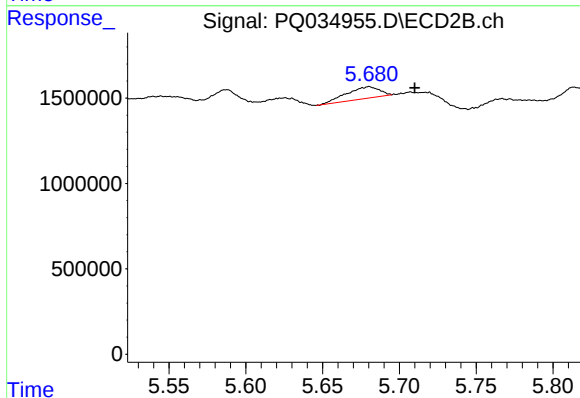
R.T.: 5.417 min  
Delta R.T.: 0.057 min  
Response: 1156446  
Conc: 16.66 ng/ml



#26 AR-1254-1

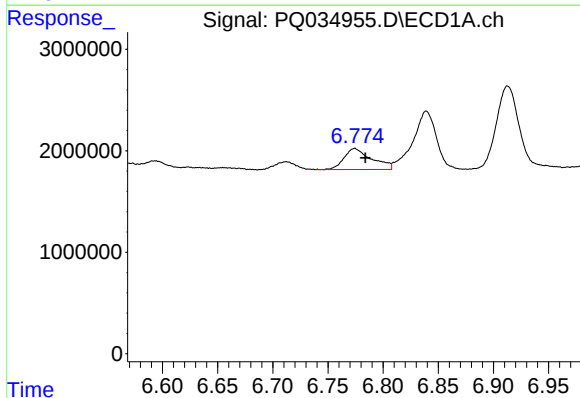
R.T.: 0.000 min  
Exp R.T.: 6.567 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



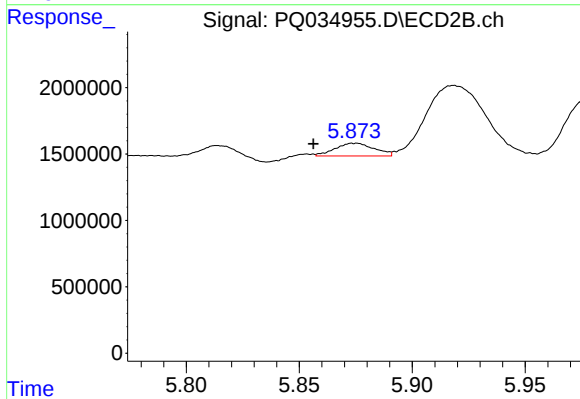
#26 AR-1254-1

R.T.: 5.680 min  
Delta R.T.: -0.030 min  
Response: 1015821  
Conc: 9.29 ng/ml



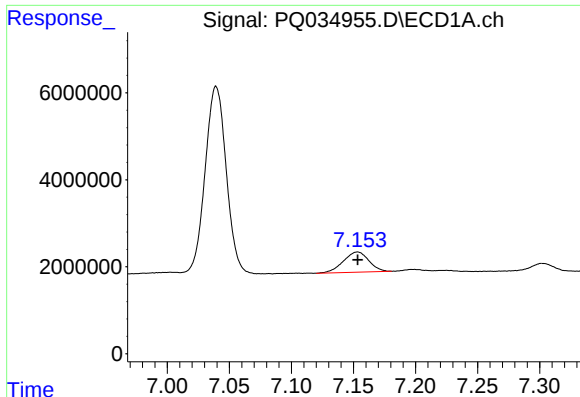
#27 AR-1254-2

R.T.: 6.775 min  
Delta R.T.: -0.009 min  
Response: 3645513  
Conc: 20.61 ng/ml



#27 AR-1254-2

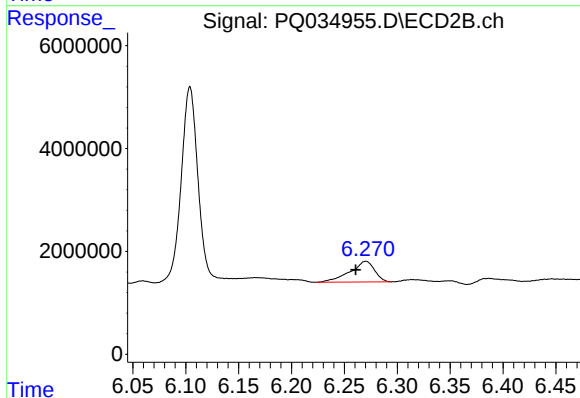
R.T.: 5.873 min  
Delta R.T.: 0.017 min  
Response: 1157745  
Conc: 12.11 ng/ml



#28 AR-1254-3

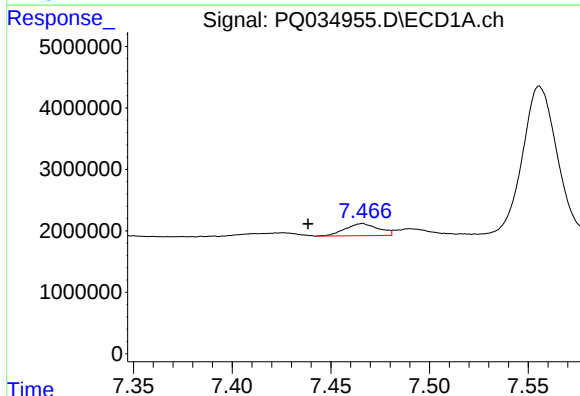
R.T.: 7.153 min  
Delta R.T.: 0.000 min  
Response: 6682809  
Conc: 34.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



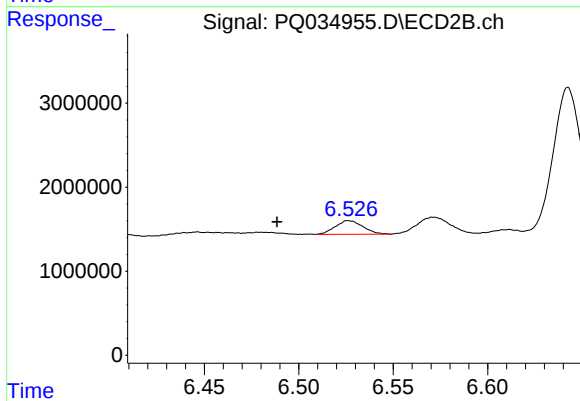
#28 AR-1254-3

R.T.: 6.271 min  
Delta R.T.: 0.010 min  
Response: 6498766  
Conc: 40.19 ng/ml



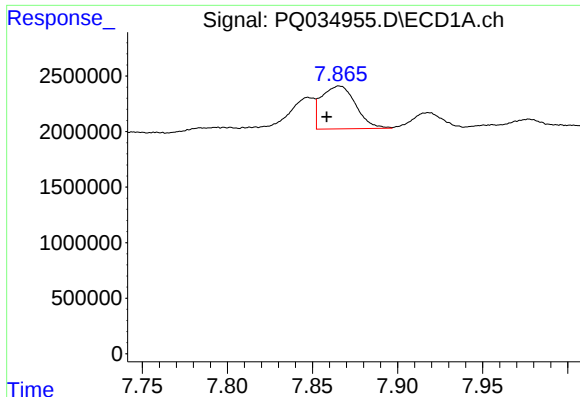
#29 AR-1254-4

R.T.: 7.466 min  
Delta R.T.: 0.028 min  
Response: 2292425  
Conc: 16.15 ng/ml



#29 AR-1254-4

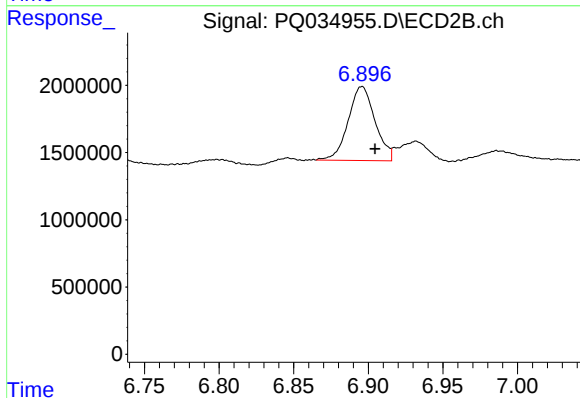
R.T.: 6.526 min  
Delta R.T.: 0.038 min  
Response: 1650651  
Conc: 15.95 ng/ml



#30 AR-1254-5

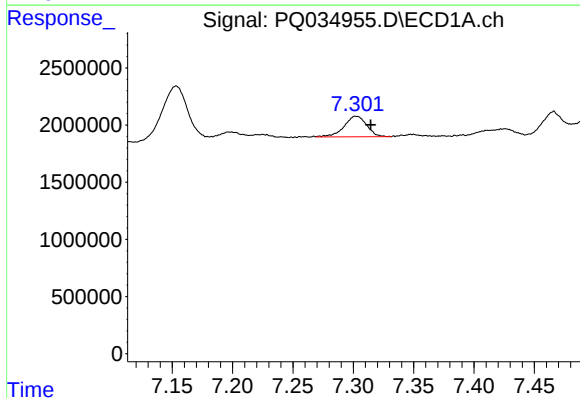
R.T.: 7.865 min  
Delta R.T.: 0.007 min  
Response: 5403432  
Conc: 35.90 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



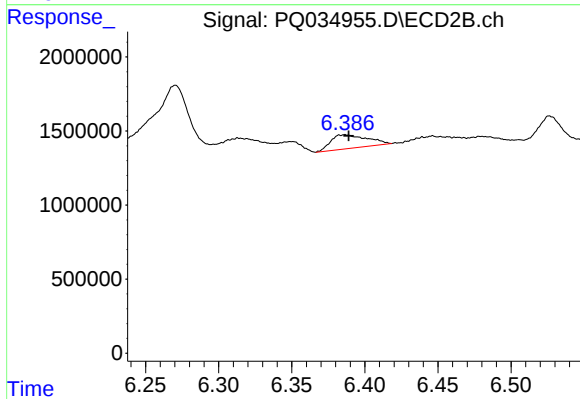
#30 AR-1254-5

R.T.: 6.896 min  
Delta R.T.: -0.009 min  
Response: 6898023  
Conc: 48.62 ng/ml



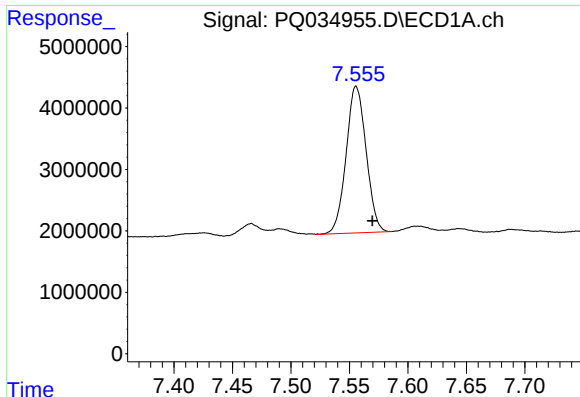
#31 AR-1260-1

R.T.: 7.302 min  
Delta R.T.: -0.013 min  
Response: 2373160  
Conc: 17.10 ng/ml



#31 AR-1260-1

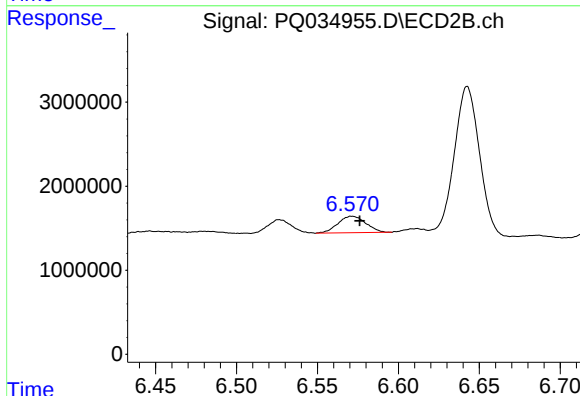
R.T.: 6.386 min  
Delta R.T.: -0.003 min  
Response: 1602326  
Conc: 14.94 ng/ml



#32 AR-1260-2

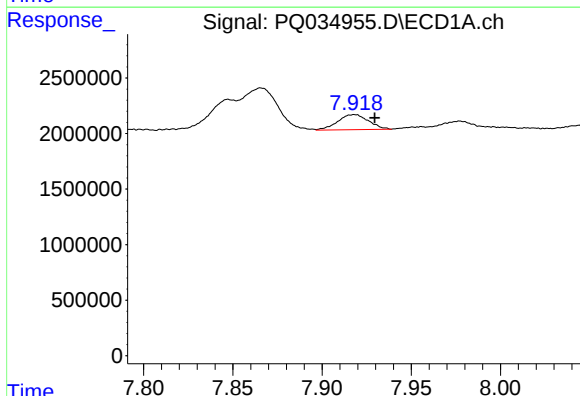
R.T.: 7.556 min  
Delta R.T.: -0.014 min  
Response: 28386638  
Conc: 166.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



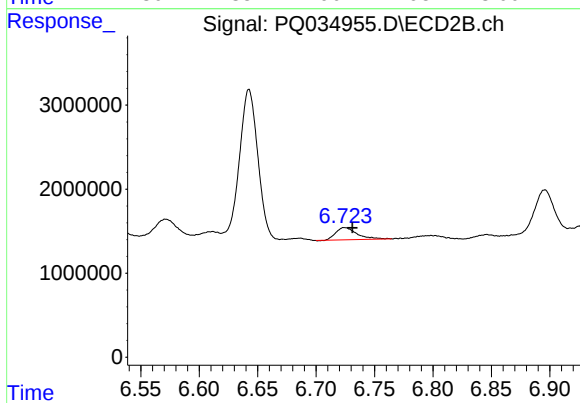
#32 AR-1260-2

R.T.: 6.571 min  
Delta R.T.: -0.005 min  
Response: 2355058  
Conc: 17.54 ng/ml



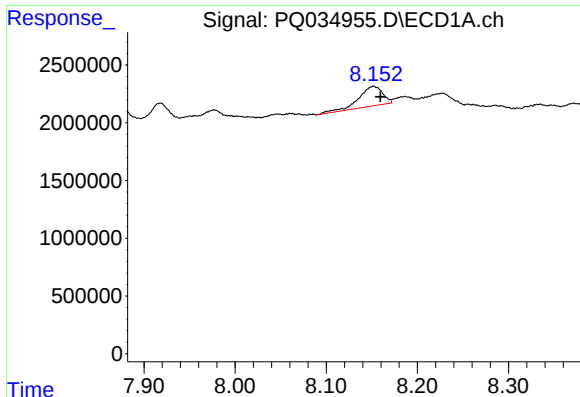
#33 AR-1260-3

R.T.: 7.918 min  
Delta R.T.: -0.011 min  
Response: 1637733  
Conc: 15.37 ng/ml



#33 AR-1260-3

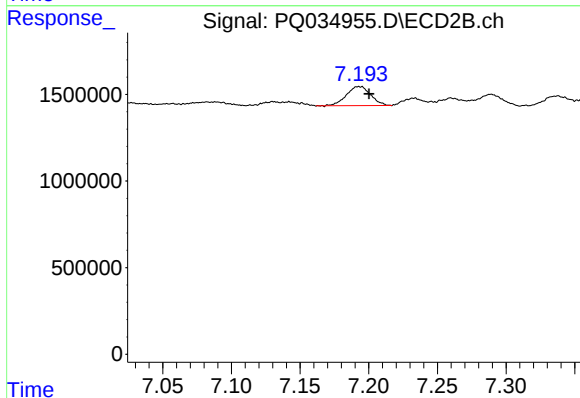
R.T.: 6.724 min  
Delta R.T.: -0.007 min  
Response: 1831392  
Conc: 14.92 ng/ml



#34 AR-1260-4

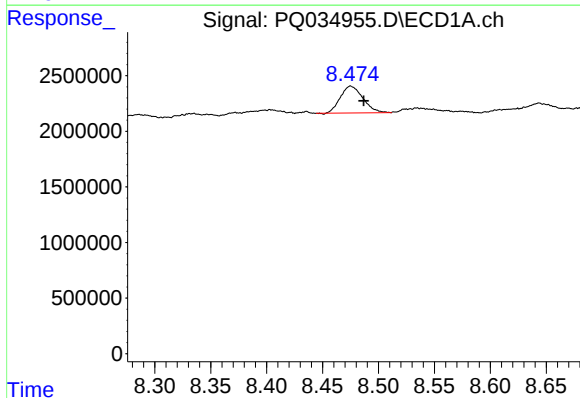
R.T.: 8.152 min  
Delta R.T.: -0.007 min  
Response: 3132518  
Conc: 23.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



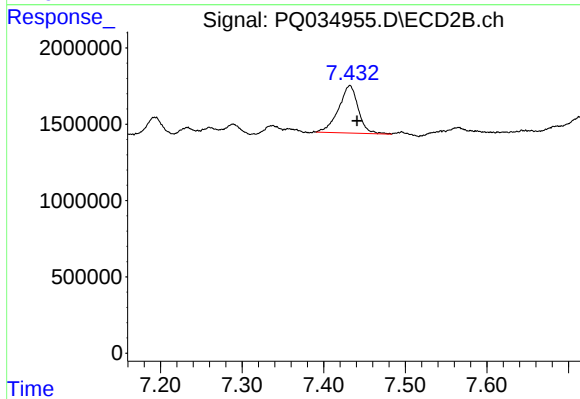
#34 AR-1260-4

R.T.: 7.193 min  
Delta R.T.: -0.007 min  
Response: 1362244  
Conc: 15.79 ng/ml



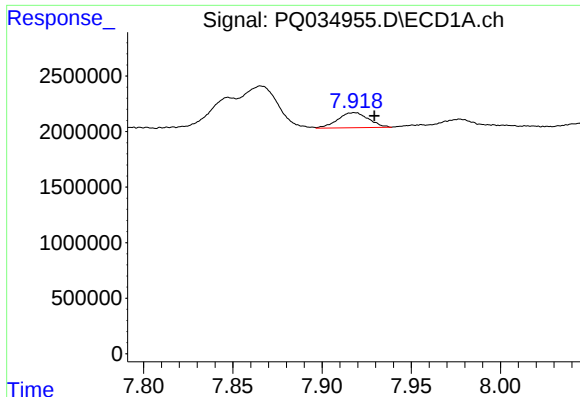
#35 AR-1260-5

R.T.: 8.475 min  
Delta R.T.: -0.012 min  
Response: 3404067  
Conc: 12.55 ng/ml



#35 AR-1260-5

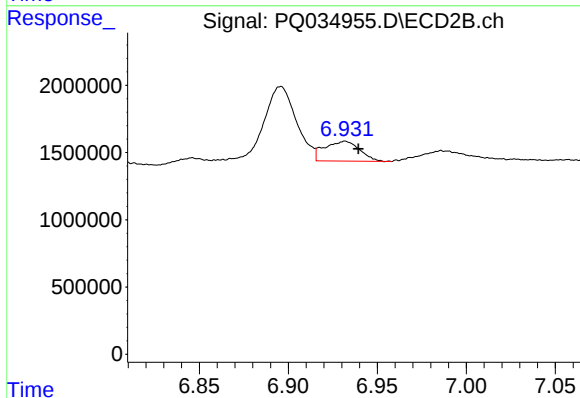
R.T.: 7.432 min  
Delta R.T.: -0.009 min  
Response: 5203511  
Conc: 23.67 ng/ml



#36 AR-1262-1

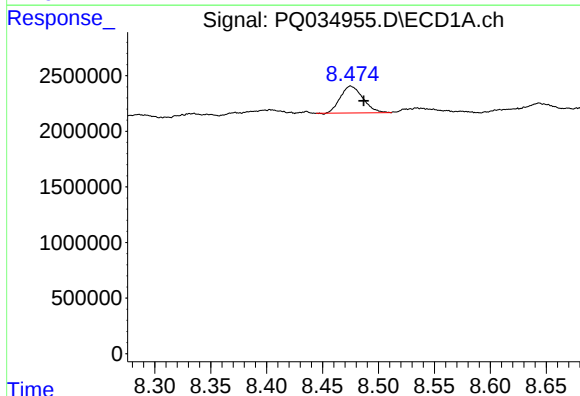
R.T.: 7.918 min  
Delta R.T.: -0.011 min  
Response: 1637733  
Conc: 8.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



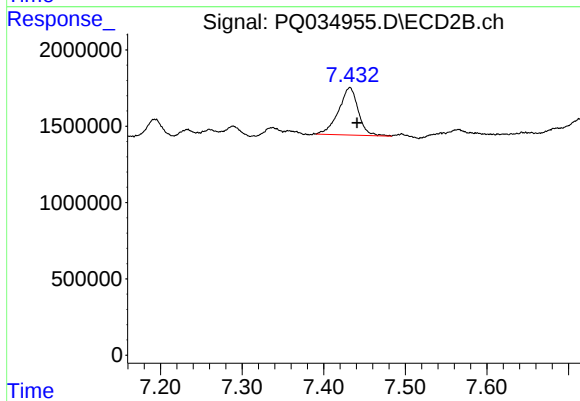
#36 AR-1262-1

R.T.: 6.932 min  
Delta R.T.: -0.007 min  
Response: 2039468  
Conc: 13.71 ng/ml



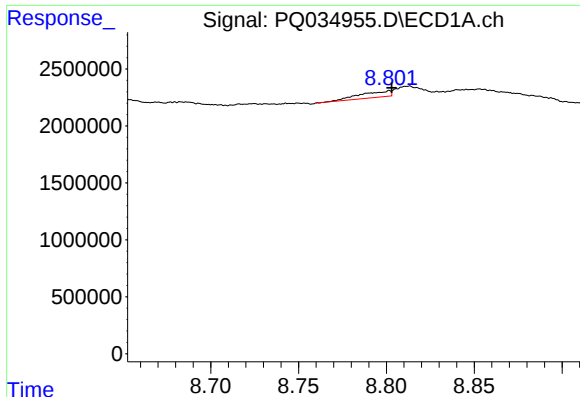
#37 AR-1262-2

R.T.: 8.475 min  
Delta R.T.: -0.012 min  
Response: 3404067  
Conc: 9.69 ng/ml



#37 AR-1262-2

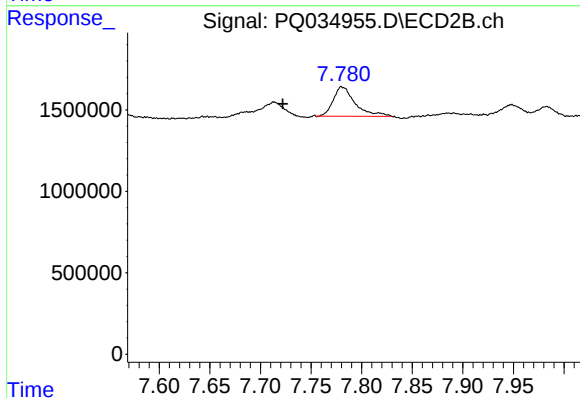
R.T.: 7.432 min  
Delta R.T.: -0.009 min  
Response: 5203511  
Conc: 18.90 ng/ml



#38 AR-1262-3

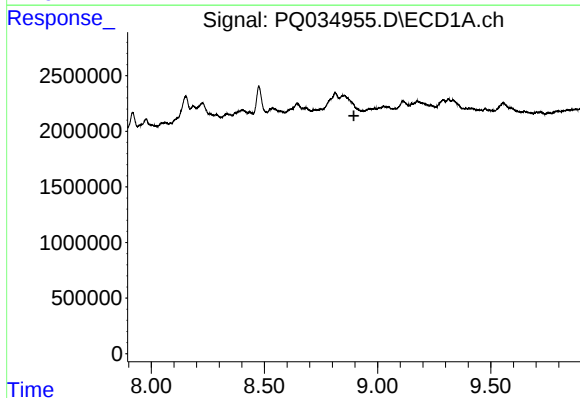
R.T.: 8.802 min  
Delta R.T.: -0.001 min  
Response: 639379  
Conc: 2.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



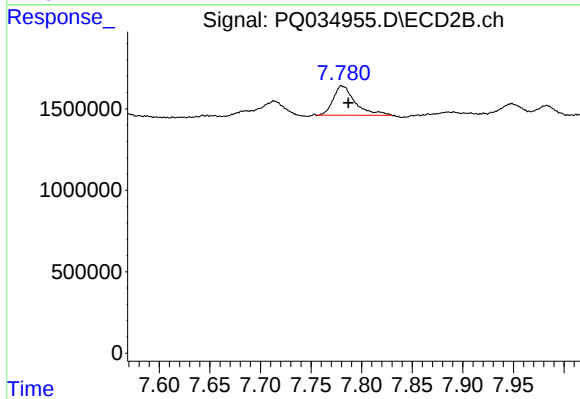
#38 AR-1262-3

R.T.: 7.780 min  
Delta R.T.: 0.058 min  
Response: 2717885  
Conc: 25.13 ng/ml



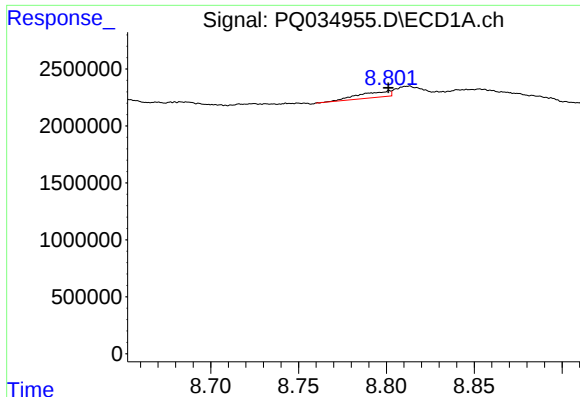
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.895 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

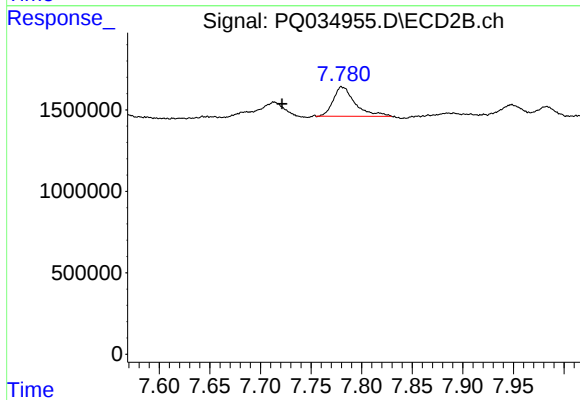
R.T.: 7.780 min  
Delta R.T.: -0.007 min  
Response: 2717885  
Conc: 13.57 ng/ml



#41 AR-1268-1

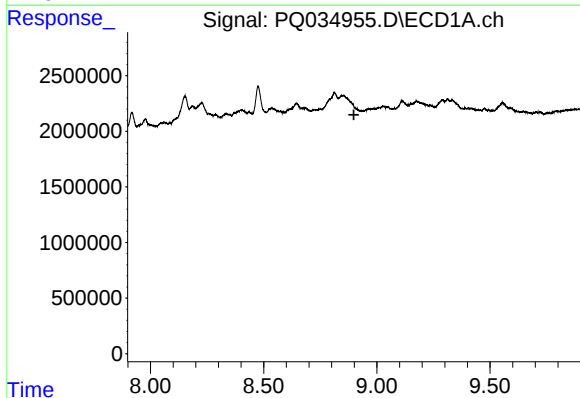
R.T.: 8.802 min  
Delta R.T.: 0.000 min  
Response: 639379  
Conc: 1.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



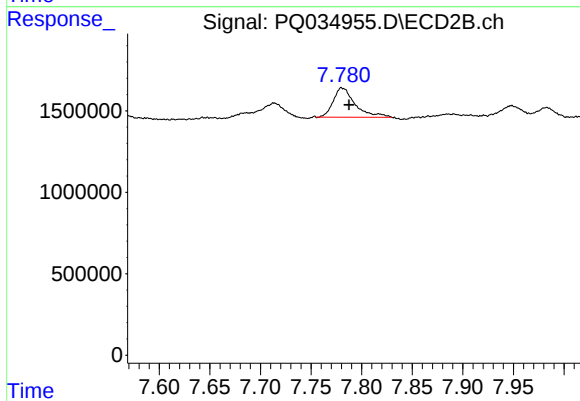
#41 AR-1268-1

R.T.: 7.780 min  
Delta R.T.: 0.058 min  
Response: 2717885  
Conc: 8.16 ng/ml



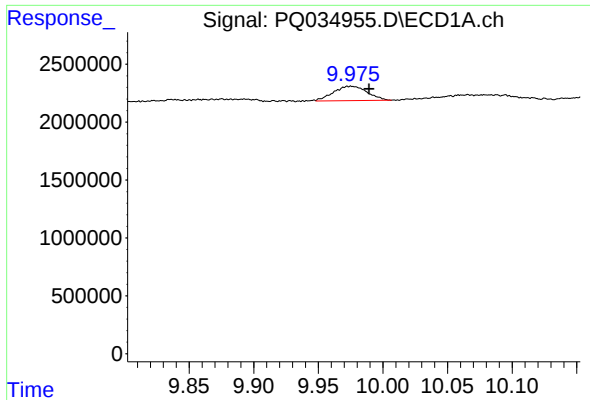
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.898 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

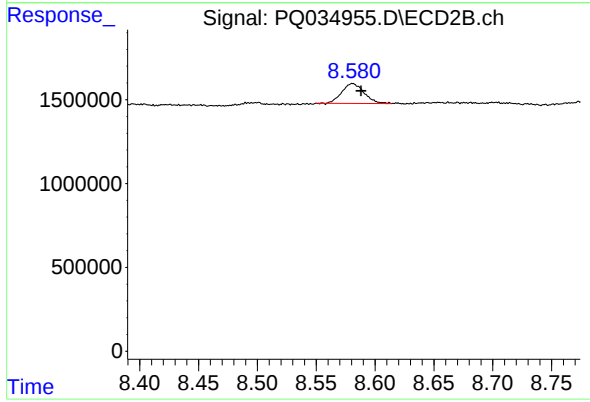
R.T.: 7.780 min  
Delta R.T.: -0.008 min  
Response: 2717885  
Conc: 9.10 ng/ml



#45 AR-1268-5

R.T.: 9.975 min  
Delta R.T.: -0.014 min  
Response: 2264305  
Conc: 2.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.581 min  
Delta R.T.: -0.007 min  
Response: 1566136  
Conc: 1.97 ng/ml