

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121918\  
 Data File : PQ035740.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Dec 2018 12:44  
 Operator : SM\SJ  
 Sample : J6388-10DL 10X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 P001-SS010-0006-01DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 20 00:58:08 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Dec 12 22:07:58 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.427  | 3.742 | 6052089  | 3036247  | 1.547   | 1.359     |
| 2)                          | SA Decachlor... | 10.118 | 8.716 | 4104838  | 2514298  | 1.393   | 1.423     |
| Target Compounds            |                 |        |       |          |          |         |           |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.052 | 0        | 5602061  | N.D.    | 95.927 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.052 | 0        | 5602061  | N.D.    | 119.140 # |
| 7)                          | L1 AR-1016-5    | 6.065  | 5.265 | 4462116  | 4102519  | 49.015  | 66.829 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.181 | 0        | 4440218  | N.D.    | 91.399 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.181 | 0        | 4440218  | N.D.    | 100.842 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.052 | 0        | 5602061  | N.D.    | 219.246 # |
| 14)                         | L3 AR-1232-4    | 5.860  | 5.092 | 8530214  | 4178066  | 213.029 | 183.117   |
| 15)                         | L3 AR-1232-5    | 5.860  | 5.265 | 8530214  | 4102519  | 269.359 | 164.250 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.052 | 0        | 5602061  | N.D.    | 124.393 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.092 | 0        | 4178066  | N.D.    | 94.352 #  |
| 20)                         | L4 AR-1242-5    | 6.507  | 5.614 | 9435695  | 27778674 | 120.272 | 503.333 # |
| 22)                         | L5 AR-1248-2    | 5.860  | 5.052 | 8530214  | 5602061  | 89.995  | 103.218   |
| 23)                         | L5 AR-1248-3    | 6.065  | 5.092 | 4462116  | 4178066  | 42.704  | 74.872 #  |
| 24)                         | L5 AR-1248-4    | 6.467  | 5.265 | 7851348  | 4102519  | 63.755  | 59.264    |
| 25)                         | L5 AR-1248-5    | 6.507  | 5.654 | 9435695  | 5755562  | 80.652  | 81.660    |
| 26)                         | L6 AR-1254-1    | 6.467  | 5.614 | 7851348  | 27778674 | 51.575  | 208.255 # |
| 27)                         | L6 AR-1254-2    | 6.655  | 5.759 | 48665369 | 29084356 | 205.678 | 251.706   |
| 28)                         | L6 AR-1254-3    | 7.025  | 6.171 | 30538550 | 61419643 | 118.940 | 318.140 # |
| 29)                         | L6 AR-1254-4    | 7.310  | 6.388 | 12568688 | 7585995  | 69.320  | 63.036    |
| 30)                         | L6 AR-1254-5    | 7.762  | 6.801 | 17754724 | 120.0E6  | 90.516  | 736.663 # |
| 31)                         | L7 AR-1260-1    | 7.185  | 6.288 | 125.4E6  | 89194318 | 680.262 | 709.088   |
| 32)                         | L7 AR-1260-2    | 7.441  | 6.475 | 149.7E6  | 105.3E6  | 689.039 | 696.976   |
| 33)                         | L7 AR-1260-3    | 7.800  | 6.628 | 96596322 | 96073937 | 721.072 | 687.546   |
| 34)                         | L7 AR-1260-4    | 8.027  | 7.095 | 117.3E6  | 71301226 | 711.707 | 767.871   |
| 35)                         | L7 AR-1260-5    | 8.347  | 7.337 | 211.7E6  | 161.7E6  | 710.076 | 720.657   |
| 36)                         | L8 AR-1262-1    | 7.800  | 6.835 | 96596322 | 76429637 | 440.927 | 498.016   |
| 37)                         | L8 AR-1262-2    | 8.347  | 7.337 | 211.7E6  | 161.7E6  | 562.015 | 605.984   |
| 38)                         | L8 AR-1262-3    | 8.675  | 7.615 | 127.9E6  | 30581239 | 531.987 | 294.666 # |
| 39)                         | L8 AR-1262-4    | 8.727  | 7.682 | 70503270 | 108.9E6  | 390.236 | 587.754 # |
| 40)                         | L8 AR-1262-5    | 9.394  | 8.179 | 45926486 | 12479396 | 403.278 | 168.124 # |
| 41)                         | L9 AR-1268-1    | 8.675  | 7.615 | 127.9E6  | 30581239 | 265.050 | 91.708 #  |
| 42)                         | L9 AR-1268-2    | 8.727  | 7.682 | 70503270 | 108.9E6  | 163.406 | 367.389 # |
| 43)                         | L9 AR-1268-3    | 8.966  | 7.938 | 2182103  | 1839417  | 5.774   | 7.525 #   |
| 44)                         | L9 AR-1268-4    | 9.394  | 8.179 | 45926486 | 12479396 | 335.005 | 133.773 # |
| 45)                         | L9 AR-1268-5    | 9.798  | 8.468 | 11385189 | 5710551  | 9.835   | 7.818     |
| -----                       |                 |        |       |          |          |         |           |

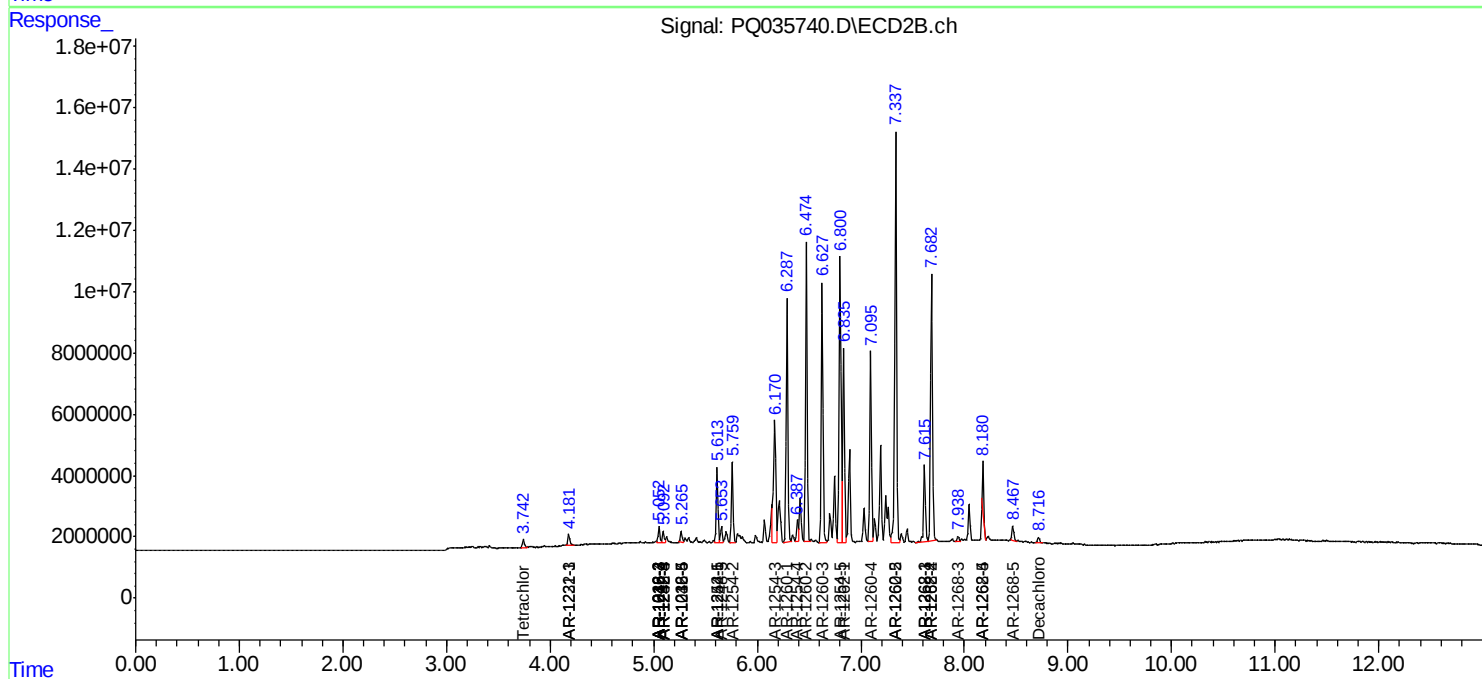
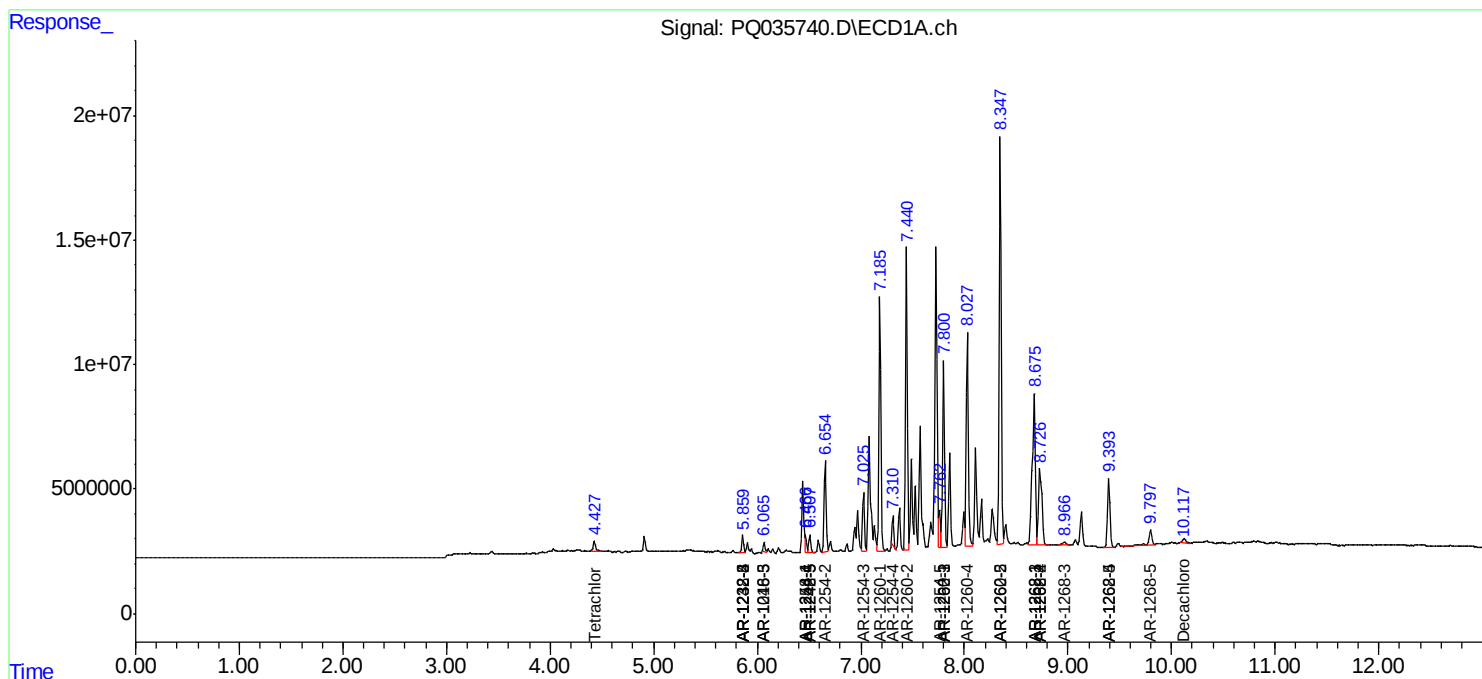
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

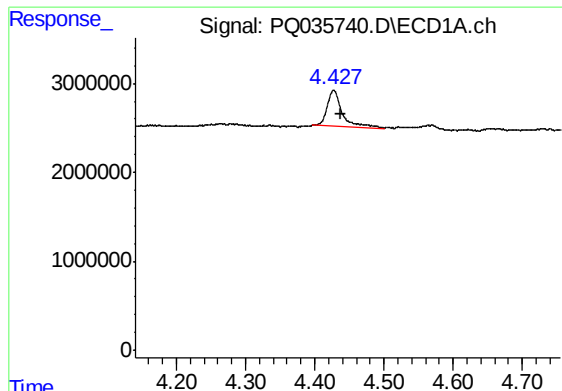
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121918\  
Data File : PQ035740.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Dec 2018 12:44  
Operator : SM\SJ  
Sample : J6388-10DL 10X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 20 00:58:08 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Dec 12 22:07:58 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

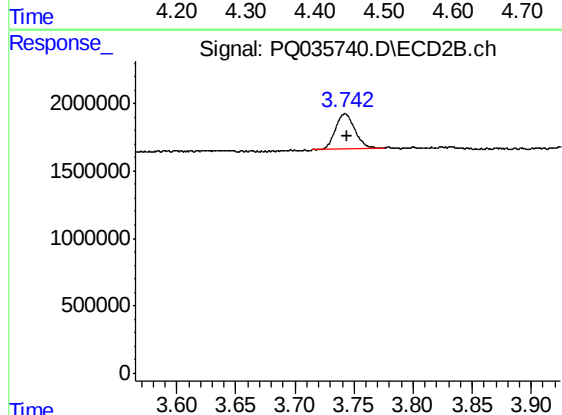




#1 Tetrachloro-m-xylene

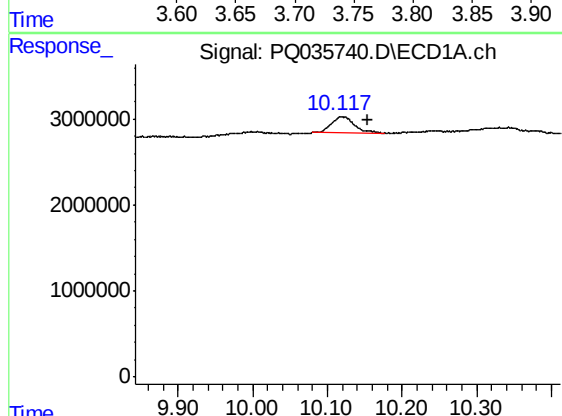
R.T.: 4.427 min  
Delta R.T.: -0.010 min  
Response: 6052089  
Conc: 1.55 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



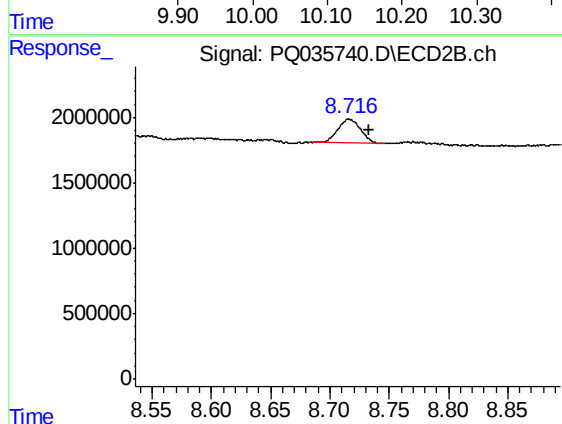
#1 Tetrachloro-m-xylene

R.T.: 3.742 min  
Delta R.T.: -0.002 min  
Response: 3036247  
Conc: 1.36 ng/ml



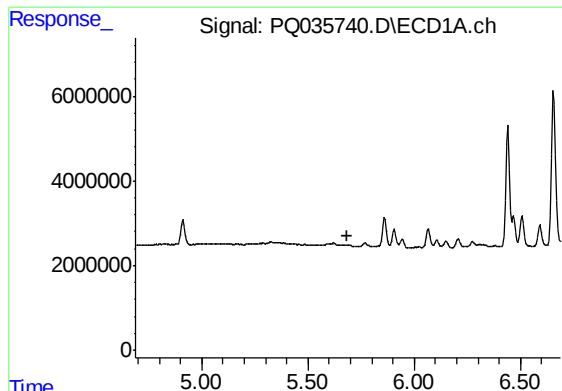
#2 Decachlorobiphenyl

R.T.: 10.118 min  
Delta R.T.: -0.036 min  
Response: 4104838  
Conc: 1.39 ng/ml



#2 Decachlorobiphenyl

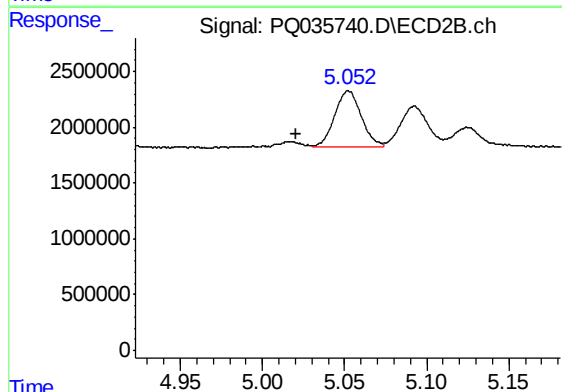
R.T.: 8.716 min  
Delta R.T.: -0.016 min  
Response: 2514298  
Conc: 1.42 ng/ml



#5 AR-1016-3

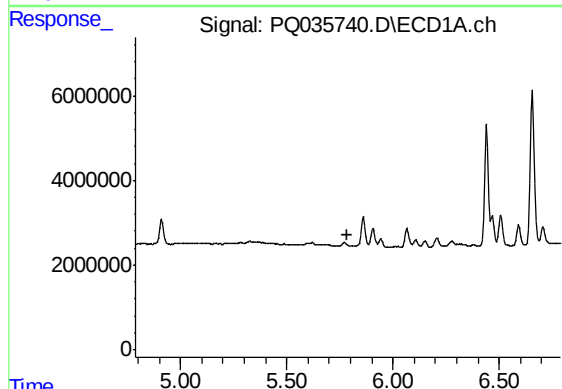
R.T.: 0.000 min  
Exp R.T. : 5.688 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



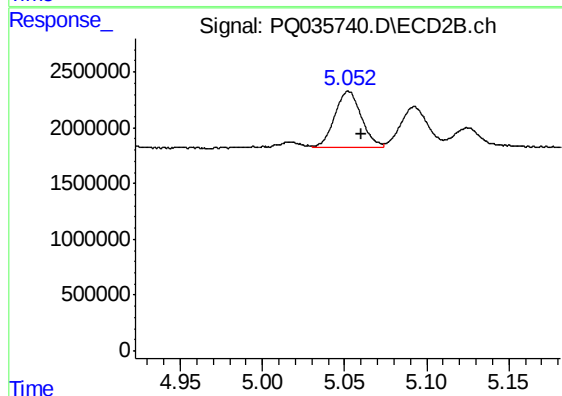
#5 AR-1016-3

R.T.: 5.052 min  
Delta R.T.: 0.032 min  
Response: 5602061  
Conc: 95.93 ng/ml



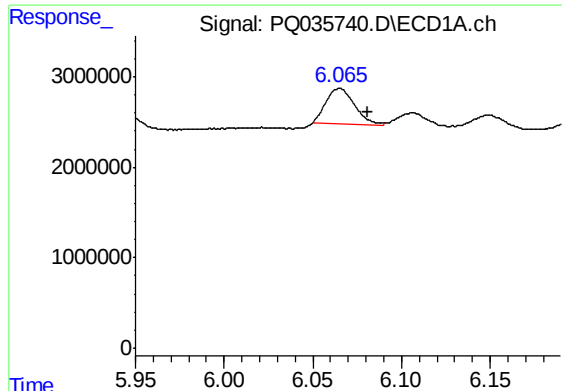
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.788 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

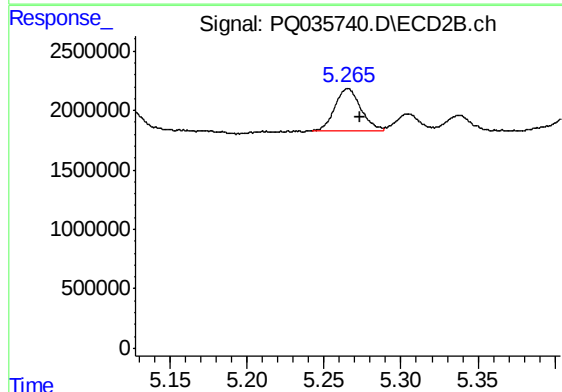
R.T.: 5.052 min  
Delta R.T.: -0.008 min  
Response: 5602061  
Conc: 119.14 ng/ml



#7 AR-1016-5

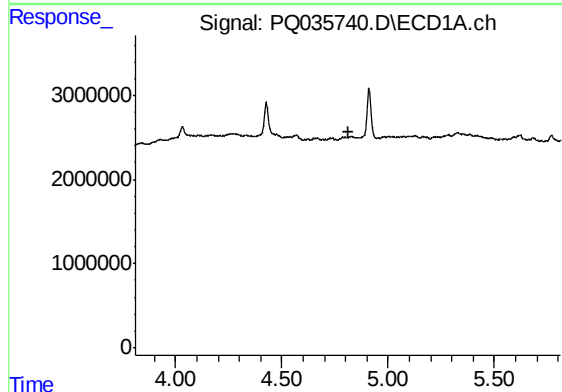
R.T.: 6.065 min  
Delta R.T.: -0.016 min  
Response: 4462116  
Conc: 49.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



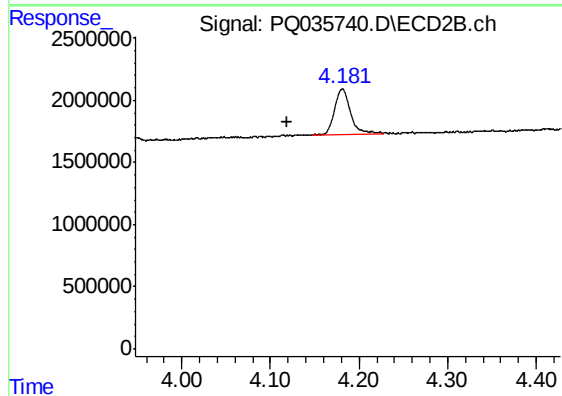
#7 AR-1016-5

R.T.: 5.265 min  
Delta R.T.: -0.008 min  
Response: 4102519  
Conc: 66.83 ng/ml



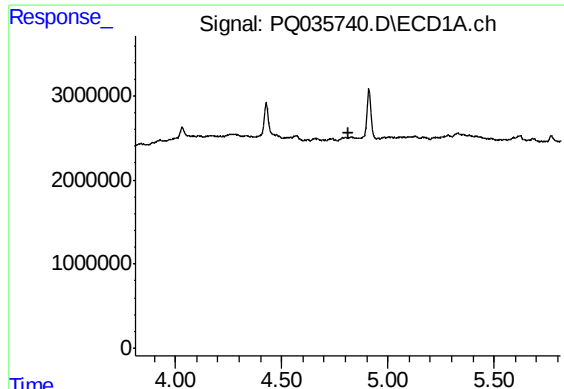
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.812 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

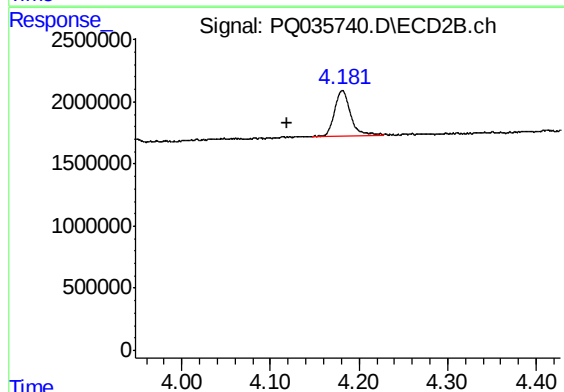
R.T.: 4.181 min  
Delta R.T.: 0.062 min  
Response: 4440218  
Conc: 91.40 ng/ml



#11 AR-1232-1

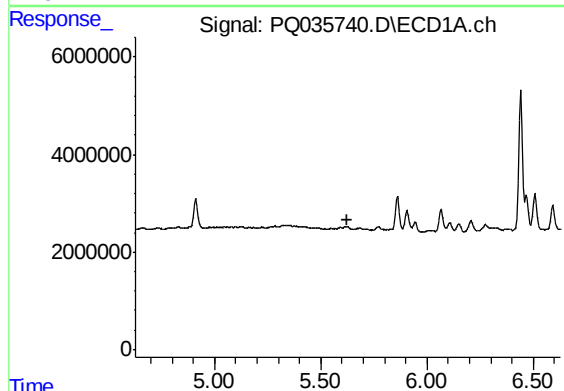
R.T.: 0.000 min  
Exp R.T. : 4.812 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



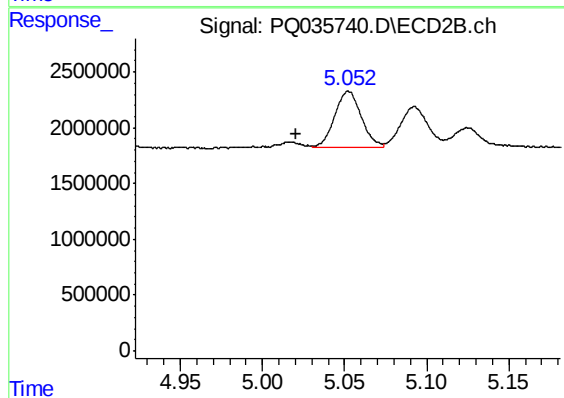
#11 AR-1232-1

R.T.: 4.181 min  
Delta R.T.: 0.062 min  
Response: 4440218  
Conc: 100.84 ng/ml



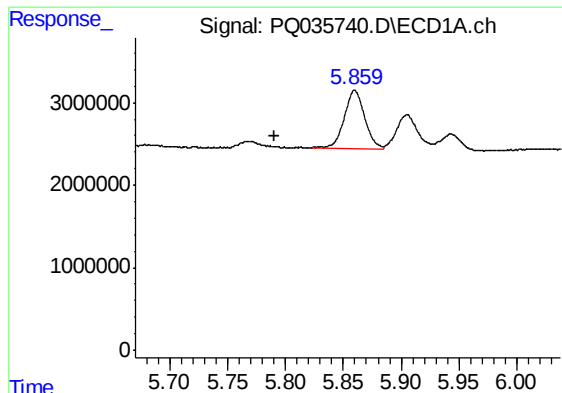
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.627 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

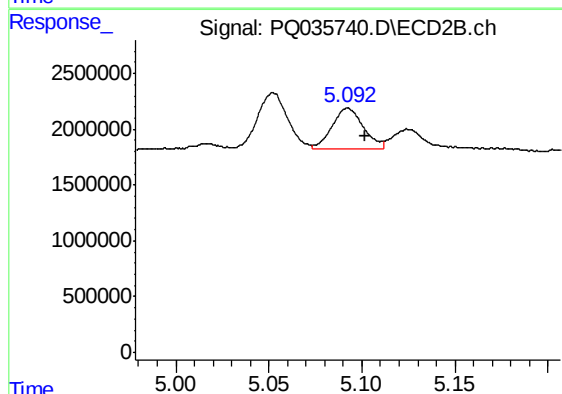
R.T.: 5.052 min  
Delta R.T.: 0.032 min  
Response: 5602061  
Conc: 219.25 ng/ml



#14 AR-1232-4

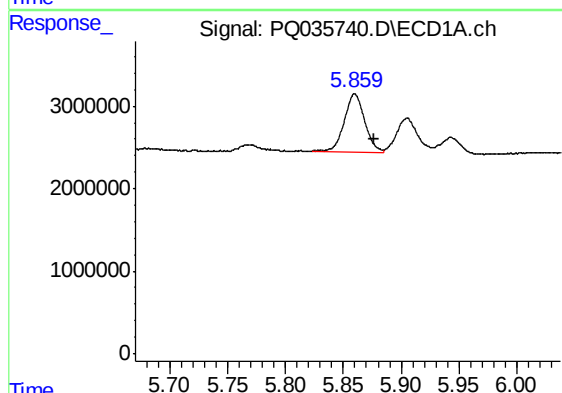
R.T.: 5.860 min  
Delta R.T.: 0.070 min  
Response: 8530214  
Conc: 213.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



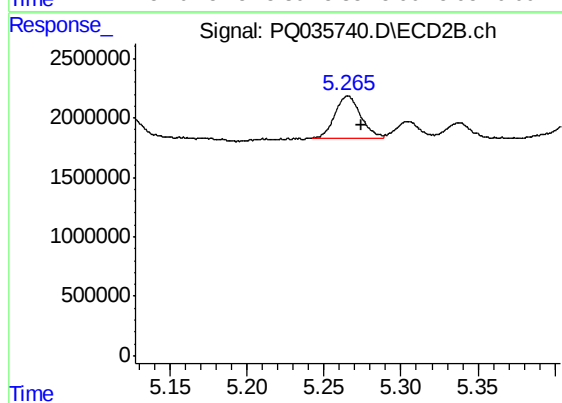
#14 AR-1232-4

R.T.: 5.092 min  
Delta R.T.: -0.009 min  
Response: 4178066  
Conc: 183.12 ng/ml



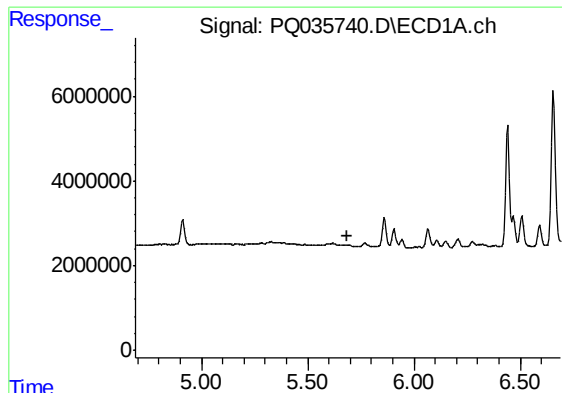
#15 AR-1232-5

R.T.: 5.860 min  
Delta R.T.: -0.017 min  
Response: 8530214  
Conc: 269.36 ng/ml



#15 AR-1232-5

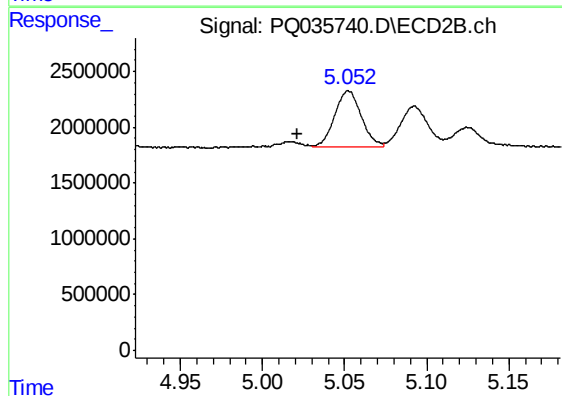
R.T.: 5.265 min  
Delta R.T.: -0.009 min  
Response: 4102519  
Conc: 164.25 ng/ml



#18 AR-1242-3

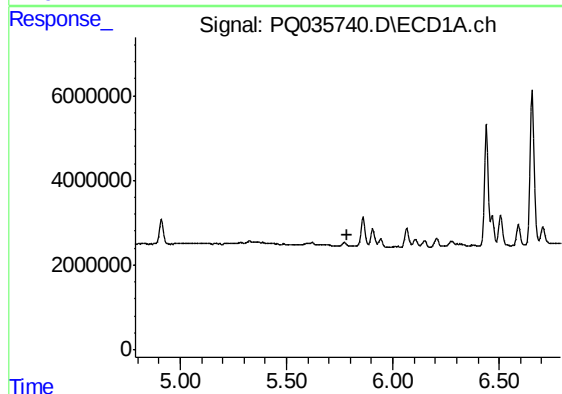
R.T.: 0.000 min  
Exp R.T.: 5.689 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



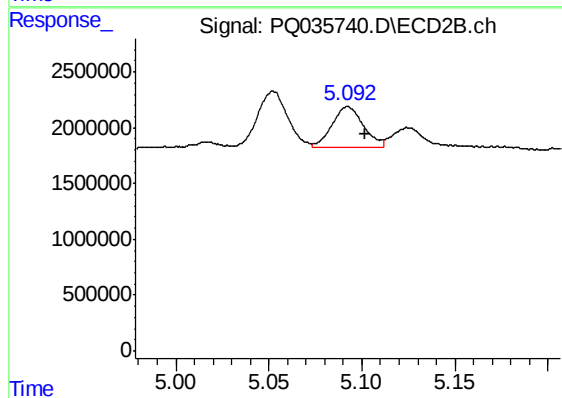
#18 AR-1242-3

R.T.: 5.052 min  
Delta R.T.: 0.031 min  
Response: 5602061  
Conc: 124.39 ng/ml



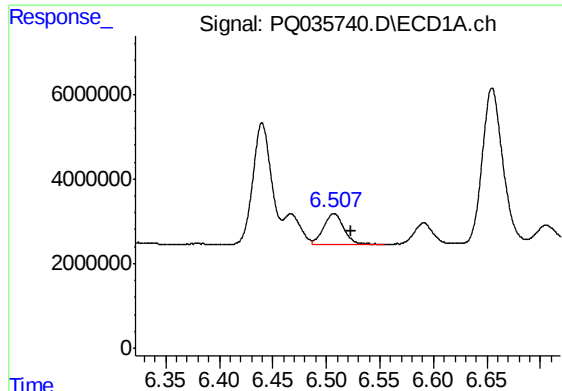
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.789 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

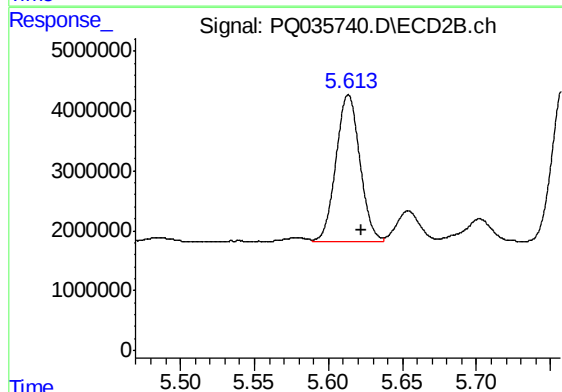
R.T.: 5.092 min  
Delta R.T.: -0.009 min  
Response: 4178066  
Conc: 94.35 ng/ml



#20 AR-1242-5

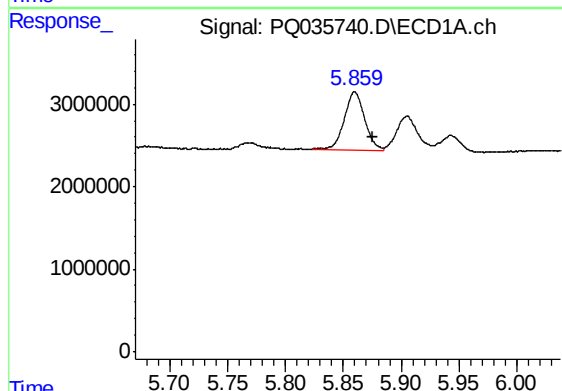
R.T.: 6.507 min  
Delta R.T.: -0.016 min  
Response: 9435695  
Conc: 120.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



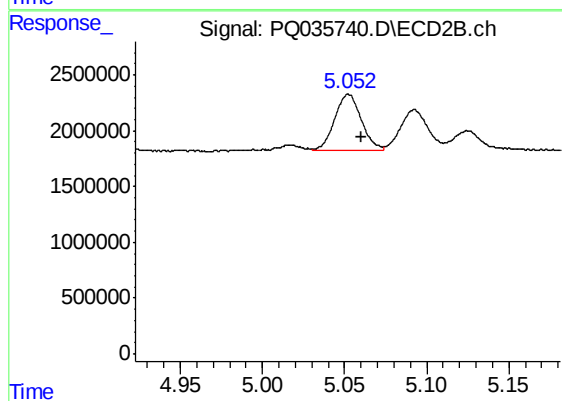
#20 AR-1242-5

R.T.: 5.614 min  
Delta R.T.: -0.009 min  
Response: 27778674  
Conc: 503.33 ng/ml



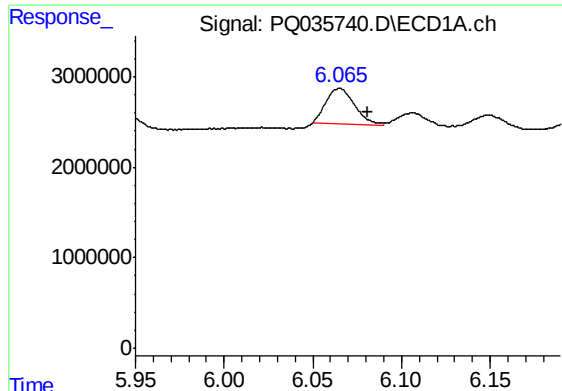
#22 AR-1248-2

R.T.: 5.860 min  
Delta R.T.: -0.016 min  
Response: 8530214  
Conc: 90.00 ng/ml



#22 AR-1248-2

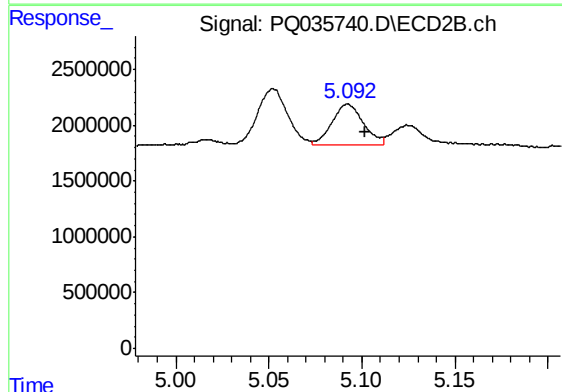
R.T.: 5.052 min  
Delta R.T.: -0.008 min  
Response: 5602061  
Conc: 103.22 ng/ml



#23 AR-1248-3

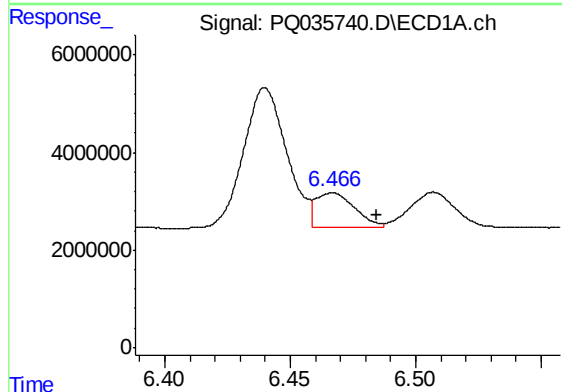
R.T.: 6.065 min  
Delta R.T.: -0.016 min  
Response: 4462116  
Conc: 42.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



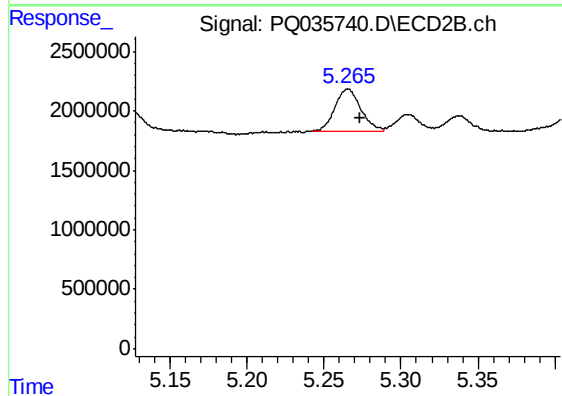
#23 AR-1248-3

R.T.: 5.092 min  
Delta R.T.: -0.009 min  
Response: 4178066  
Conc: 74.87 ng/ml



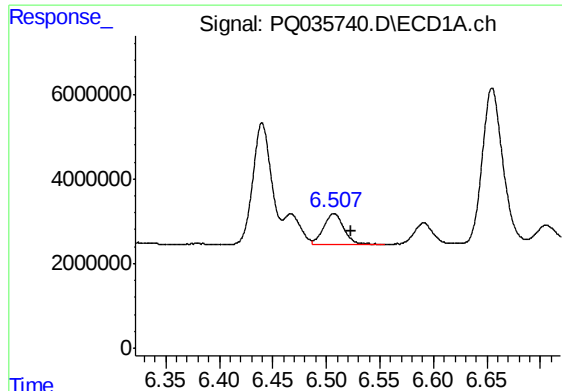
#24 AR-1248-4

R.T.: 6.467 min  
Delta R.T.: -0.017 min  
Response: 7851348  
Conc: 63.76 ng/ml



#24 AR-1248-4

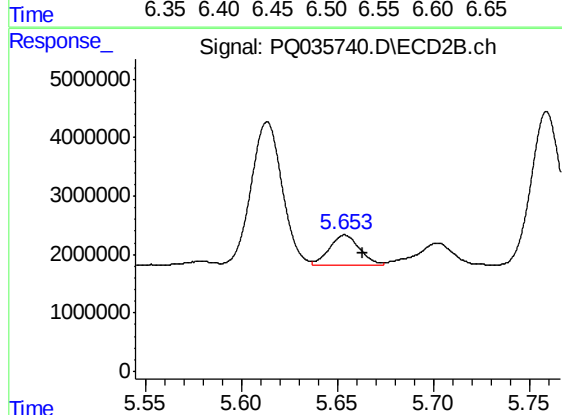
R.T.: 5.265 min  
Delta R.T.: -0.008 min  
Response: 4102519  
Conc: 59.26 ng/ml



#25 AR-1248-5

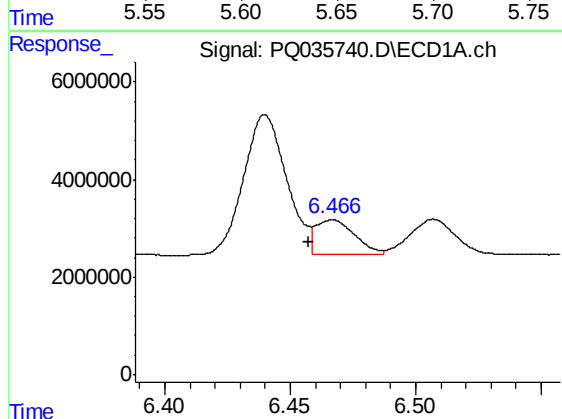
R.T.: 6.507 min  
Delta R.T.: -0.016 min  
Response: 9435695  
Conc: 80.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



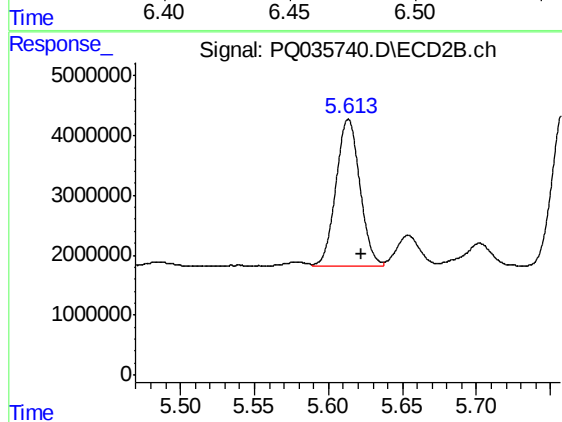
#25 AR-1248-5

R.T.: 5.654 min  
Delta R.T.: -0.009 min  
Response: 5755562  
Conc: 81.66 ng/ml



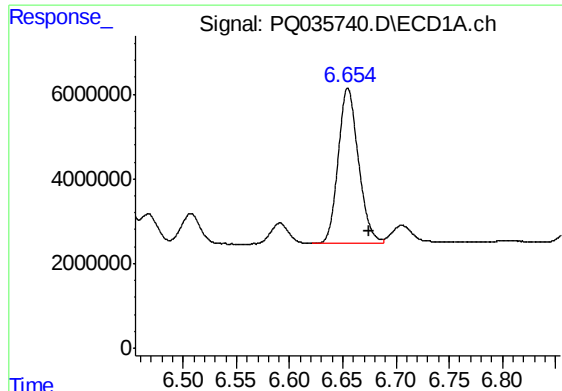
#26 AR-1254-1

R.T.: 6.467 min  
Delta R.T.: 0.010 min  
Response: 7851348  
Conc: 51.57 ng/ml



#26 AR-1254-1

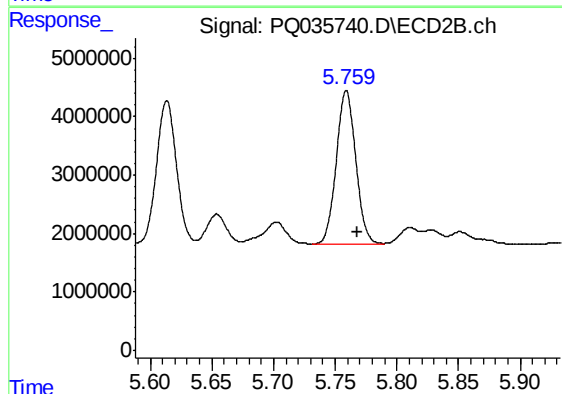
R.T.: 5.614 min  
Delta R.T.: -0.009 min  
Response: 27778674  
Conc: 208.25 ng/ml



#27 AR-1254-2

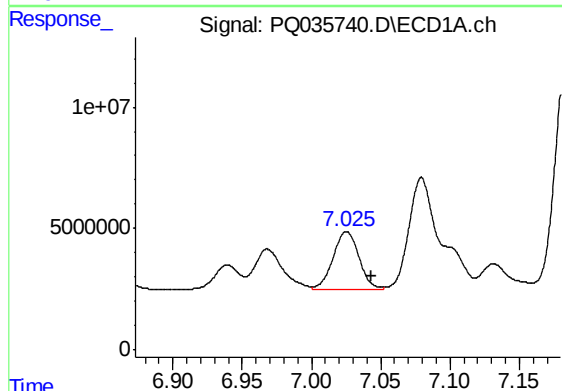
R.T.: 6.655 min  
Delta R.T.: -0.020 min  
Response: 48665369  
Conc: 205.68 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



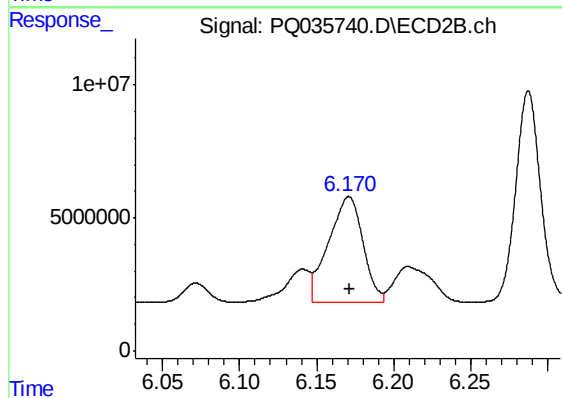
#27 AR-1254-2

R.T.: 5.759 min  
Delta R.T.: -0.009 min  
Response: 29084356  
Conc: 251.71 ng/ml



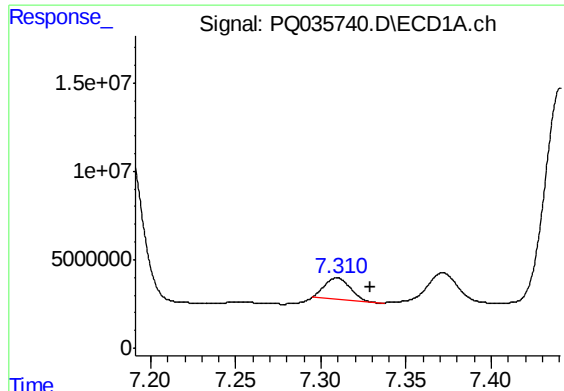
#28 AR-1254-3

R.T.: 7.025 min  
Delta R.T.: -0.018 min  
Response: 30538550  
Conc: 118.94 ng/ml



#28 AR-1254-3

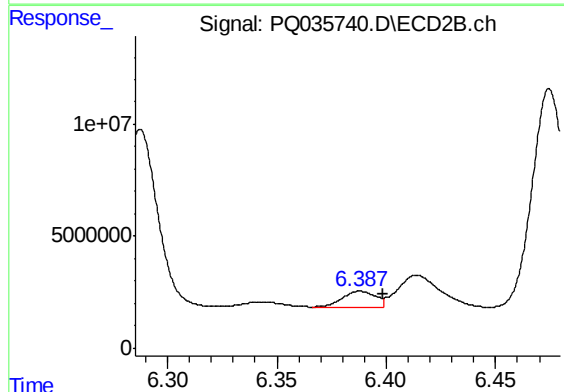
R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 61419643  
Conc: 318.14 ng/ml



#29 AR-1254-4

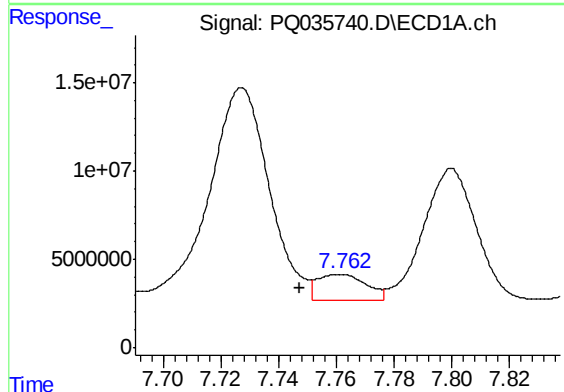
R.T.: 7.310 min  
Delta R.T.: -0.020 min  
Response: 12568688  
Conc: 69.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



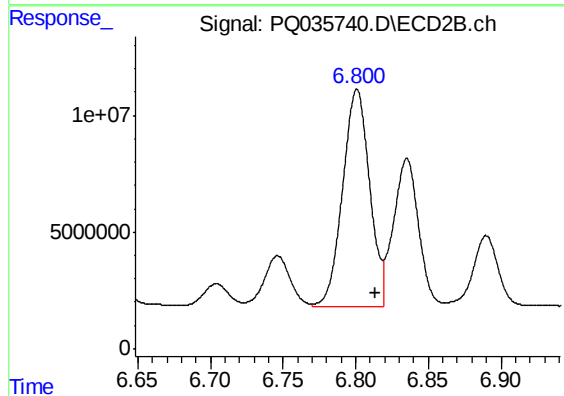
#29 AR-1254-4

R.T.: 6.388 min  
Delta R.T.: -0.011 min  
Response: 7585995  
Conc: 63.04 ng/ml



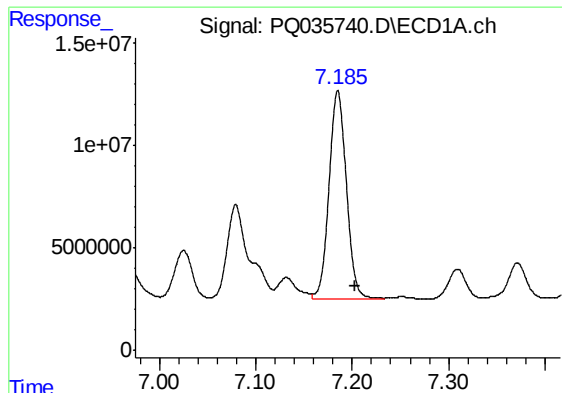
#30 AR-1254-5

R.T.: 7.762 min  
Delta R.T.: 0.014 min  
Response: 17754724  
Conc: 90.52 ng/ml



#30 AR-1254-5

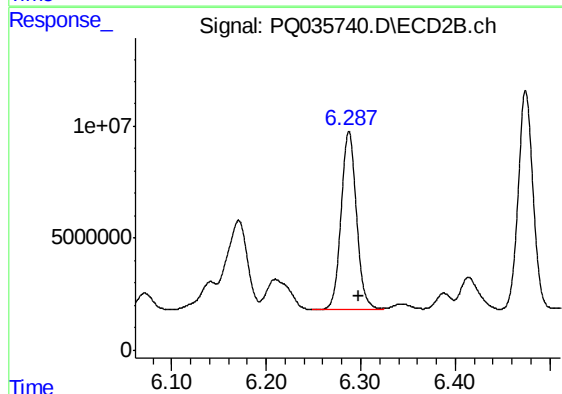
R.T.: 6.801 min  
Delta R.T.: -0.012 min  
Response: 119974650  
Conc: 736.66 ng/ml



#31 AR-1260-1

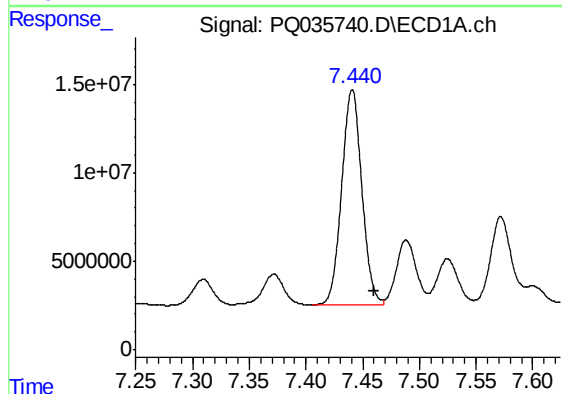
R.T.: 7.185 min  
Delta R.T.: -0.018 min  
Response: 125441667  
Conc: 680.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



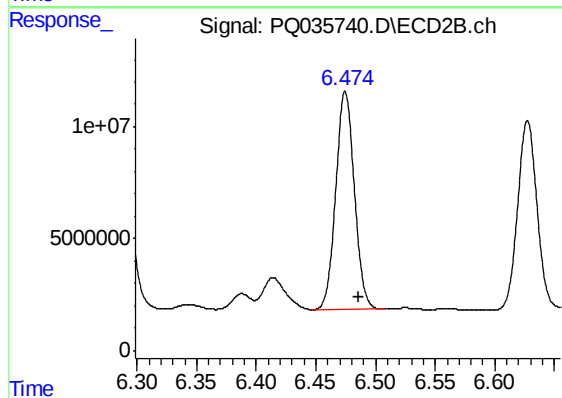
#31 AR-1260-1

R.T.: 6.288 min  
Delta R.T.: -0.011 min  
Response: 89194318  
Conc: 709.09 ng/ml



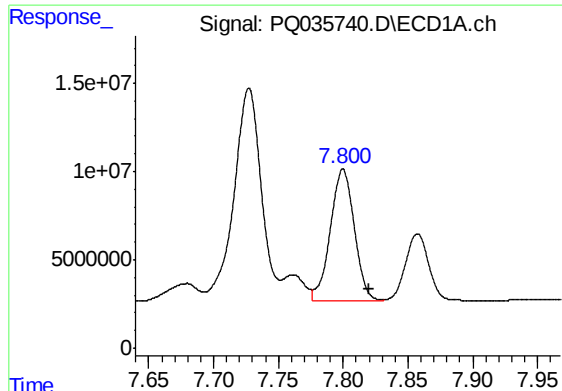
#32 AR-1260-2

R.T.: 7.441 min  
Delta R.T.: -0.019 min  
Response: 149717084  
Conc: 689.04 ng/ml



#32 AR-1260-2

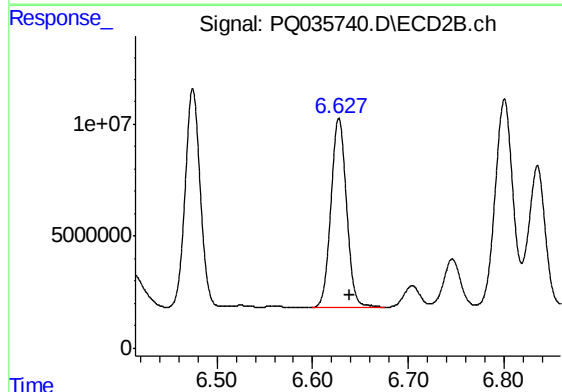
R.T.: 6.475 min  
Delta R.T.: -0.011 min  
Response: 105252581  
Conc: 696.98 ng/ml



#33 AR-1260-3

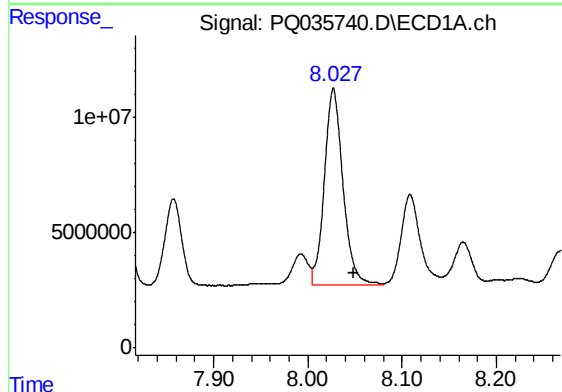
R.T.: 7.800 min  
Delta R.T.: -0.020 min  
Response: 96596322  
Conc: 721.07 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



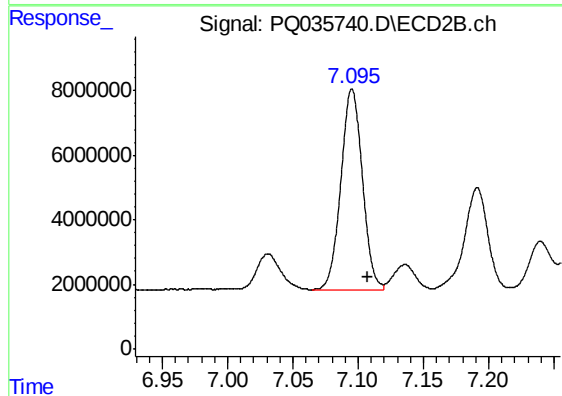
#33 AR-1260-3

R.T.: 6.628 min  
Delta R.T.: -0.012 min  
Response: 96073937  
Conc: 687.55 ng/ml



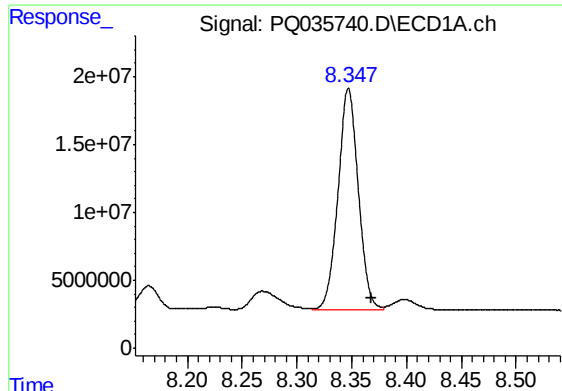
#34 AR-1260-4

R.T.: 8.027 min  
Delta R.T.: -0.021 min  
Response: 117296886  
Conc: 711.71 ng/ml



#34 AR-1260-4

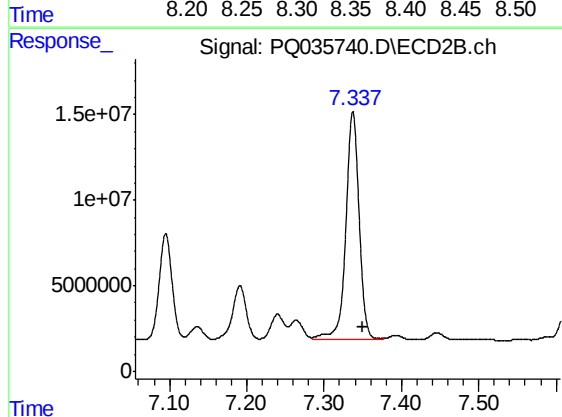
R.T.: 7.095 min  
Delta R.T.: -0.012 min  
Response: 71301226  
Conc: 767.87 ng/ml



#35 AR-1260-5

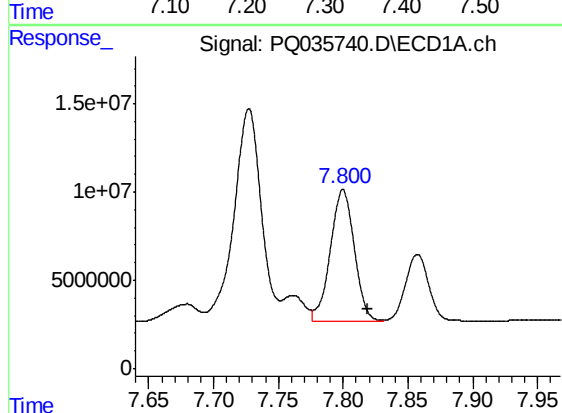
R.T.: 8.347 min  
Delta R.T.: -0.021 min  
Response: 211721352  
Conc: 710.08 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



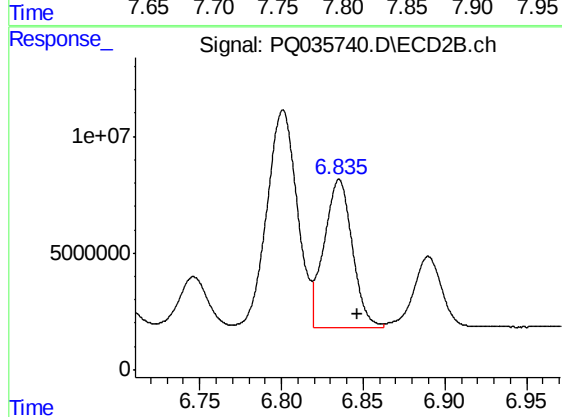
#35 AR-1260-5

R.T.: 7.337 min  
Delta R.T.: -0.012 min  
Response: 161713694  
Conc: 720.66 ng/ml



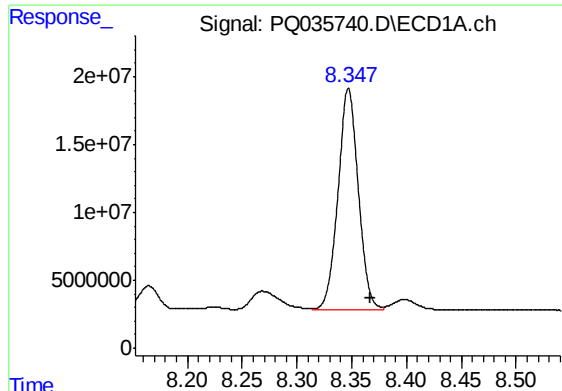
#36 AR-1262-1

R.T.: 7.800 min  
Delta R.T.: -0.019 min  
Response: 96596322  
Conc: 440.93 ng/ml



#36 AR-1262-1

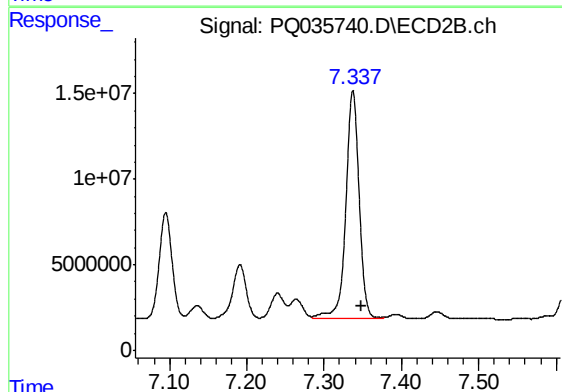
R.T.: 6.835 min  
Delta R.T.: -0.011 min  
Response: 76429637  
Conc: 498.02 ng/ml



#37 AR-1262-2

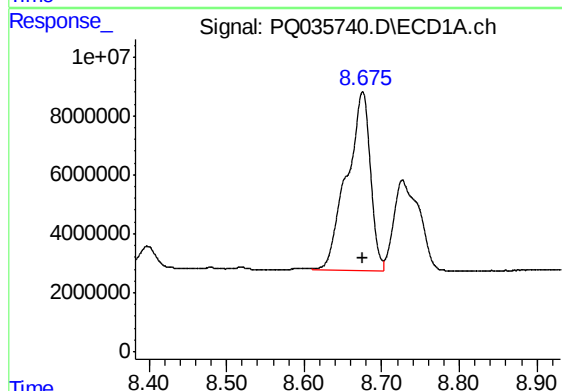
R.T.: 8.347 min  
Delta R.T.: -0.020 min  
Response: 211721352  
Conc: 562.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



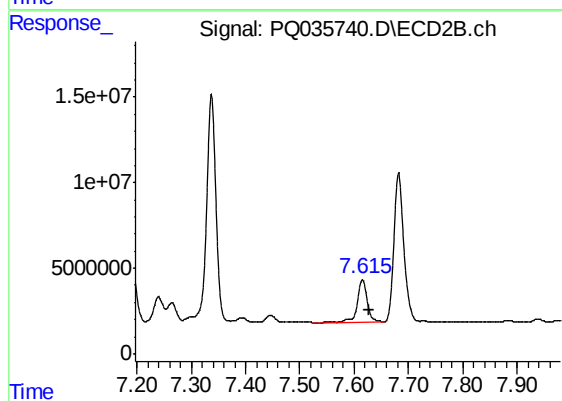
#37 AR-1262-2

R.T.: 7.337 min  
Delta R.T.: -0.011 min  
Response: 161713694  
Conc: 605.98 ng/ml



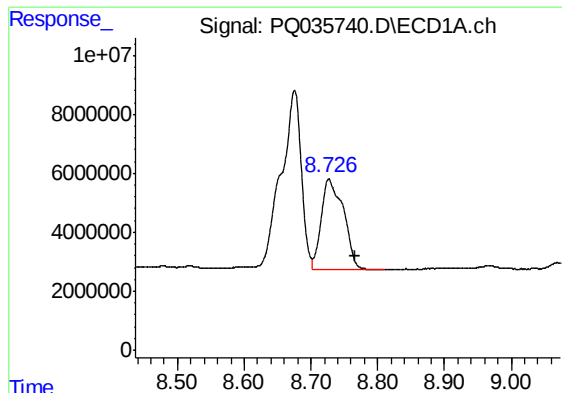
#38 AR-1262-3

R.T.: 8.675 min  
Delta R.T.: 0.000 min  
Response: 127884255  
Conc: 531.99 ng/ml



#38 AR-1262-3

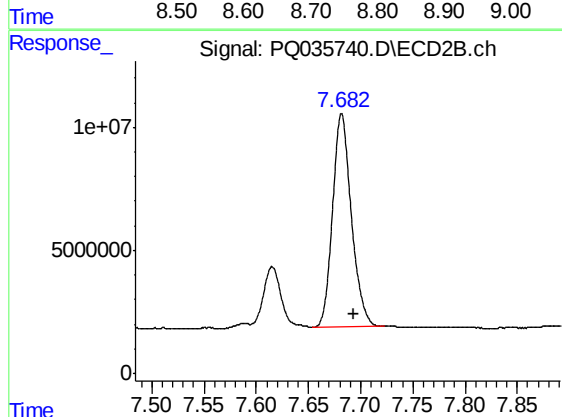
R.T.: 7.615 min  
Delta R.T.: -0.012 min  
Response: 30581239  
Conc: 294.67 ng/ml



#39 AR-1262-4

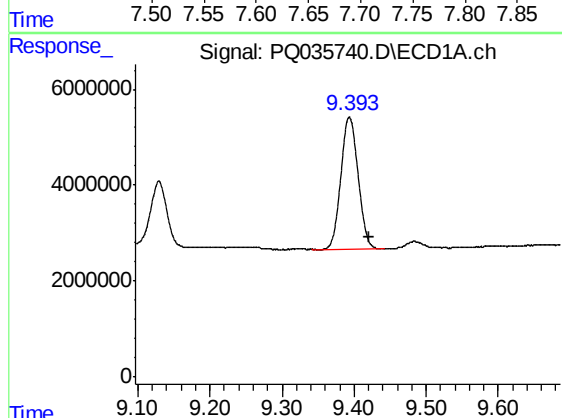
R.T.: 8.727 min  
Delta R.T.: -0.039 min  
Response: 70503270  
Conc: 390.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



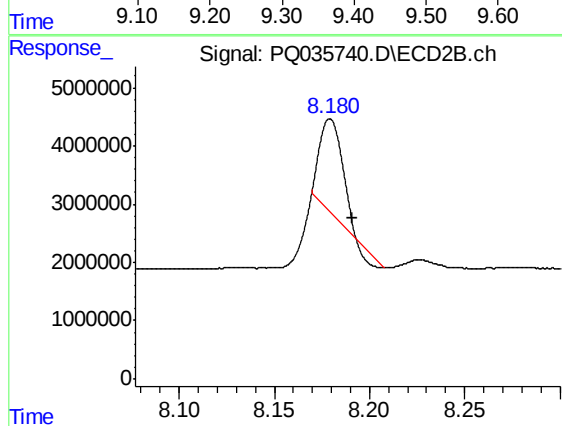
#39 AR-1262-4

R.T.: 7.682 min  
Delta R.T.: -0.011 min  
Response: 108877911  
Conc: 587.75 ng/ml



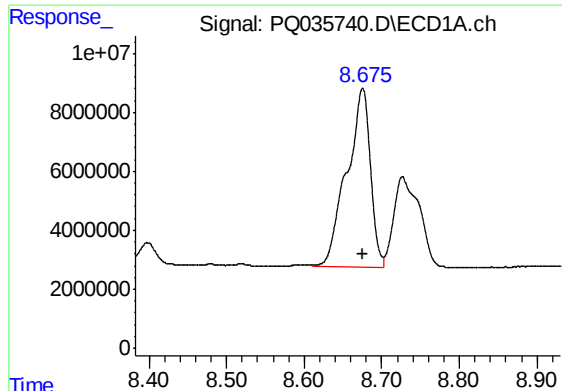
#40 AR-1262-5

R.T.: 9.394 min  
Delta R.T.: -0.027 min  
Response: 45926486  
Conc: 403.28 ng/ml



#40 AR-1262-5

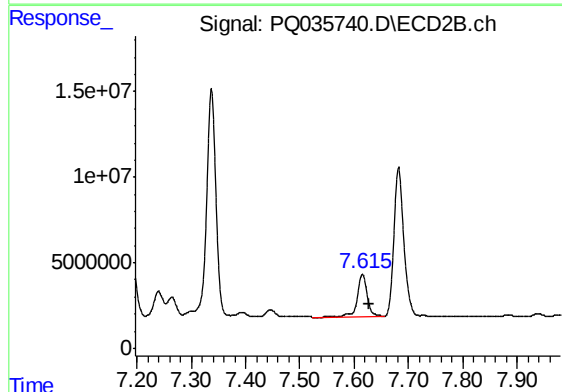
R.T.: 8.179 min  
Delta R.T.: -0.012 min  
Response: 12479396  
Conc: 168.12 ng/ml



#41 AR-1268-1

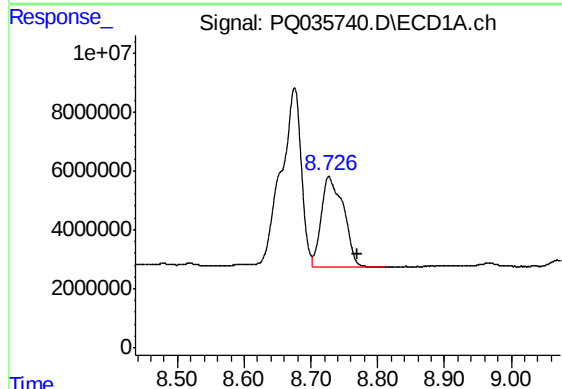
R.T.: 8.675 min  
Delta R.T.: 0.000 min  
Response: 127884255  
Conc: 265.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



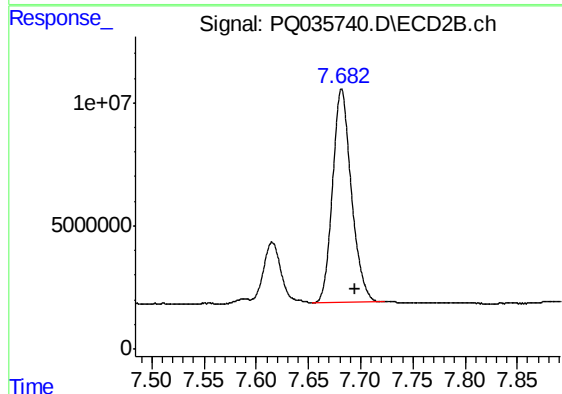
#41 AR-1268-1

R.T.: 7.615 min  
Delta R.T.: -0.013 min  
Response: 30581239  
Conc: 91.71 ng/ml



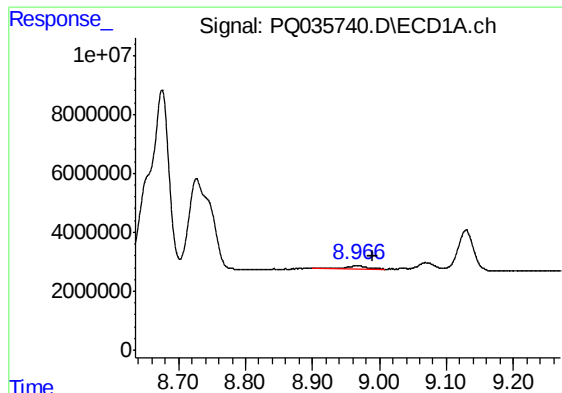
#42 AR-1268-2

R.T.: 8.727 min  
Delta R.T.: -0.043 min  
Response: 70503270  
Conc: 163.41 ng/ml



#42 AR-1268-2

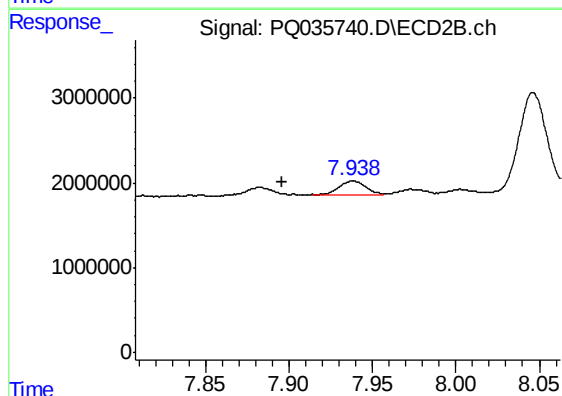
R.T.: 7.682 min  
Delta R.T.: -0.013 min  
Response: 108877911  
Conc: 367.39 ng/ml



#43 AR-1268-3

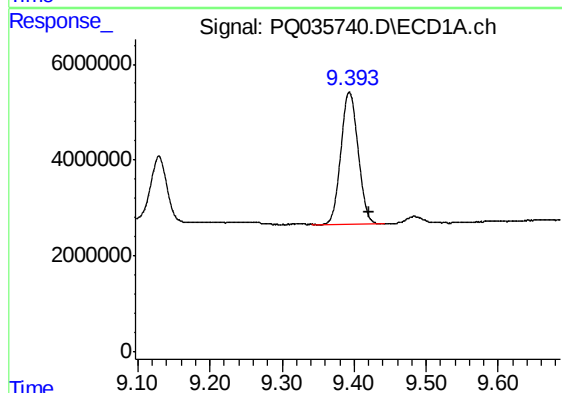
R.T.: 8.966 min  
Delta R.T.: -0.025 min  
Response: 2182103  
Conc: 5.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



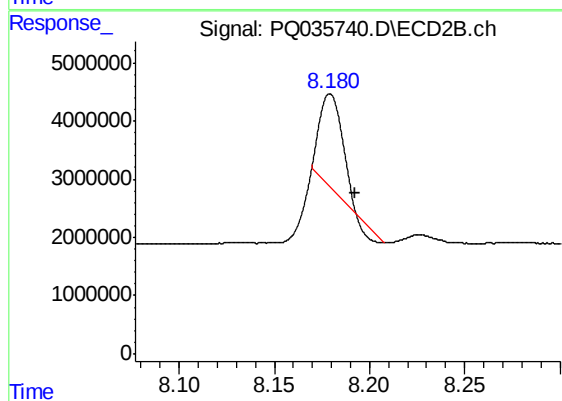
#43 AR-1268-3

R.T.: 7.938 min  
Delta R.T.: 0.042 min  
Response: 1839417  
Conc: 7.53 ng/ml



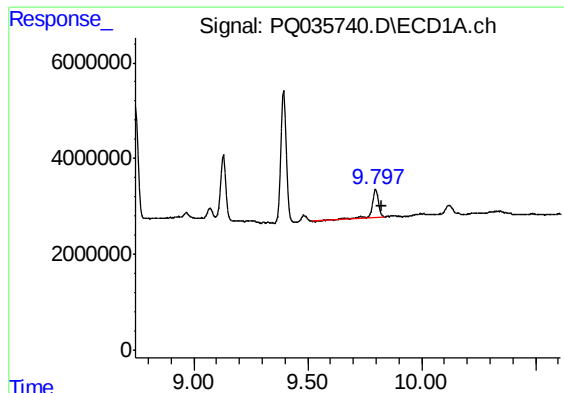
#44 AR-1268-4

R.T.: 9.394 min  
Delta R.T.: -0.028 min  
Response: 45926486  
Conc: 335.01 ng/ml



#44 AR-1268-4

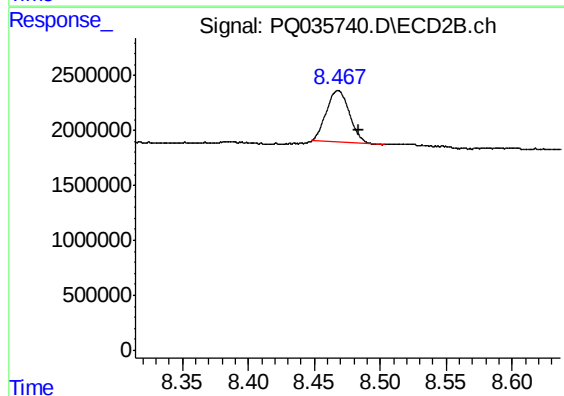
R.T.: 8.179 min  
Delta R.T.: -0.013 min  
Response: 12479396  
Conc: 133.77 ng/ml



#45 AR-1268-5

R.T.: 9.798 min  
Delta R.T.: -0.028 min  
Response: 11385189  
Conc: 9.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-0006-01DL



#45 AR-1268-5

R.T.: 8.468 min  
Delta R.T.: -0.015 min  
Response: 5710551  
Conc: 7.82 ng/ml