

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121918\  
 Data File : PQ035742.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Dec 2018 13:15  
 Operator : SM\SJ  
 Sample : J6388-12DL 200X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 P001-SS010-1218-01DL

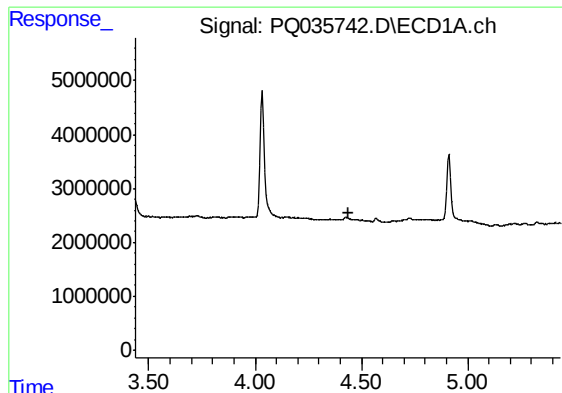
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 20 00:59:16 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Dec 12 22:07:58 2018  
 Response via : Initial Calibration  
 Integrator: 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 |              |       |       |          |          |          |            |
| Target Compounds            |              |       |       |          |          |          |            |
| 5)                          | L1 AR-1016-3 | 0.000 | 5.052 | 0        | 4955475  | N.D.     | 84.855 #   |
| 6)                          | L1 AR-1016-4 | 5.770 | 5.052 | 2040911  | 4955475  | 21.432   | 105.389 #  |
| 7)                          | L1 AR-1016-5 | 6.066 | 5.265 | 4129262  | 3852212  | 45.359   | 62.752 #   |
| 10)                         | L2 AR-1221-3 | 0.000 | 4.181 | 0        | 9869817  | N.D.     | 203.164 #  |
| 11)                         | L3 AR-1232-1 | 0.000 | 4.181 | 0        | 9869817  | N.D.     | 224.154 #  |
| 13)                         | L3 AR-1232-3 | 0.000 | 5.052 | 0        | 4955475  | N.D.     | 193.941 #  |
| 14)                         | L3 AR-1232-4 | 5.770 | 5.093 | 2040911  | 2888730  | 50.969   | 126.608 #  |
| 15)                         | L3 AR-1232-5 | 5.860 | 5.265 | 8090818  | 3852212  | 255.484  | 154.228 #  |
| 18)                         | L4 AR-1242-3 | 0.000 | 5.052 | 0        | 4955475  | N.D.     | 110.035 #  |
| 19)                         | L4 AR-1242-4 | 5.770 | 5.093 | 2040911  | 2888730  | 29.501   | 65.235 #   |
| 20)                         | L4 AR-1242-5 | 6.508 | 5.613 | 10022156 | 56993597 | 127.747  | 1032.689 # |
| 22)                         | L5 AR-1248-2 | 5.860 | 5.052 | 8090818  | 4955475  | 85.360   | 91.305     |
| 23)                         | L5 AR-1248-3 | 6.066 | 5.093 | 4129262  | 2888730  | 39.518   | 51.767 #   |
| 24)                         | L5 AR-1248-4 | 6.508 | 5.265 | 10022156 | 3852212  | 81.383   | 55.648 #   |
| 25)                         | L5 AR-1248-5 | 6.508 | 5.655 | 10022156 | 5613846  | 85.665   | 79.649     |
| 26)                         | L6 AR-1254-1 | 6.441 | 5.613 | 86234584 | 56993597 | 566.464  | 427.276    |
| 27)                         | L6 AR-1254-2 | 6.655 | 5.758 | 109.4E6  | 67773023 | 462.376  | 586.530 #  |
| 28)                         | L6 AR-1254-3 | 7.025 | 6.172 | 69680676 | 153.0E6  | 271.389  | 792.288 #  |
| 29)                         | L6 AR-1254-4 | 7.309 | 6.389 | 30953281 | 17316367 | 170.716  | 143.891    |
| 30)                         | L6 AR-1254-5 | 7.761 | 6.801 | 48986712 | 318.5E6  | 249.740  | 1955.862 # |
| 31)                         | L7 AR-1260-1 | 7.186 | 6.287 | 335.5E6  | 231.3E6  | 1819.477 | 1838.479   |
| 32)                         | L7 AR-1260-2 | 7.442 | 6.474 | 403.5E6  | 281.7E6  | 1856.930 | 1865.199   |
| 33)                         | L7 AR-1260-3 | 7.800 | 6.628 | 274.0E6  | 260.0E6  | 2045.207 | 1860.350   |
| 34)                         | L7 AR-1260-4 | 8.028 | 7.096 | 327.2E6  | 200.5E6  | 1985.528 | 2159.168   |
| 35)                         | L7 AR-1260-5 | 8.347 | 7.338 | 651.4E6  | 479.3E6  | 2184.524 | 2135.752   |
| 36)                         | L8 AR-1262-1 | 7.800 | 6.836 | 274.0E6  | 214.4E6  | 1250.621 | 1396.953   |
| 37)                         | L8 AR-1262-2 | 8.347 | 7.338 | 651.4E6  | 479.3E6  | 1729.019 | 1795.904   |
| 38)                         | L8 AR-1262-3 | 8.675 | 7.616 | 374.0E6  | 82903655 | 1556.003 | 798.819 #  |
| 39)                         | L8 AR-1262-4 | 8.728 | 7.682 | 211.1E6  | 325.8E6  | 1168.673 | 1758.835 # |
| 40)                         | L8 AR-1262-5 | 9.395 | 8.179 | 137.0E6  | 31196474 | 1202.879 | 420.283 #  |
| 41)                         | L9 AR-1268-1 | 8.675 | 7.616 | 374.0E6  | 82903655 | 775.243  | 248.615 #  |
| 42)                         | L9 AR-1268-2 | 8.728 | 7.682 | 211.1E6  | 325.8E6  | 489.366  | 1099.399 # |
| 43)                         | L9 AR-1268-3 | 8.967 | 7.882 | 6041902  | 3994794  | 15.988   | 16.344     |
| 44)                         | L9 AR-1268-4 | 9.395 | 8.179 | 137.0E6  | 31196474 | 999.239  | 334.410 #  |
| 45)                         | L9 AR-1268-5 | 9.797 | 8.468 | 30268380 | 16474394 | 26.146   | 22.554     |
| -----                       |              |       |       |          |          |          |            |

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

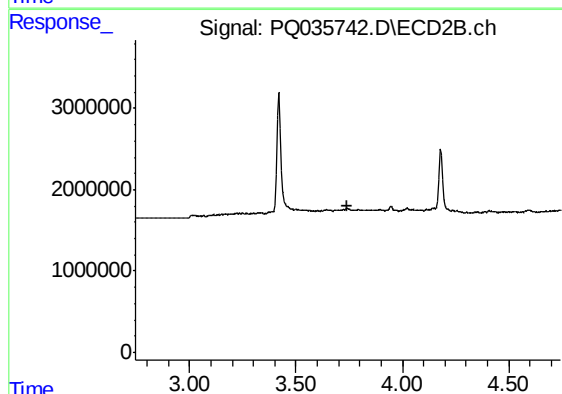




#1 Tetrachloro-m-xylene

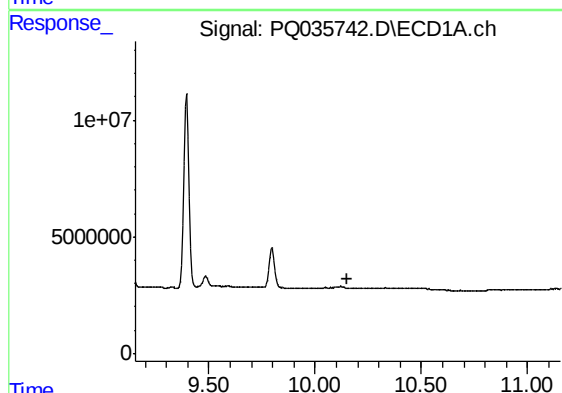
R.T.: 0.000 min  
Exp R.T. : 4.437 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



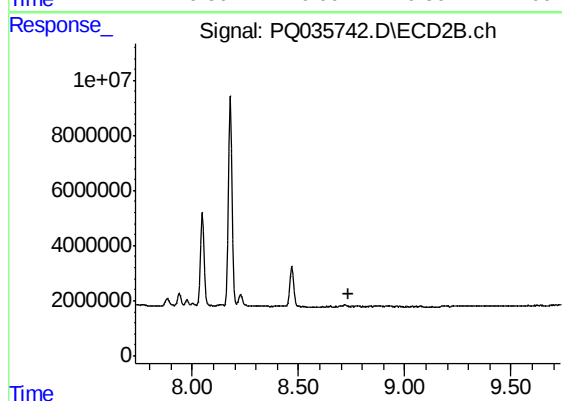
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 3.744 min  
Response: 0  
Conc: N.D.



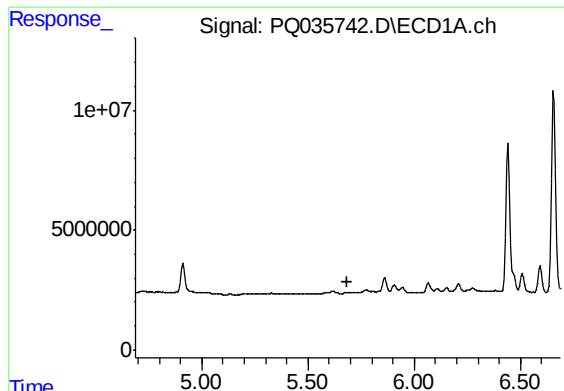
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 10.155 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

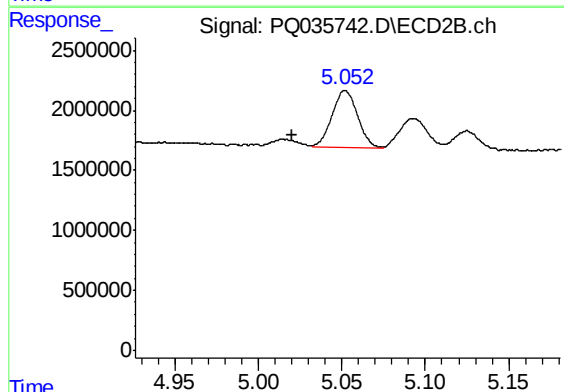
R.T.: 0.000 min  
Exp R.T. : 8.733 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

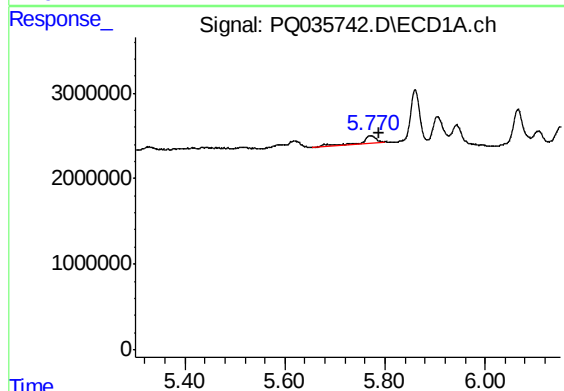
R.T.: 0.000 min  
Exp R.T.: 5.688 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



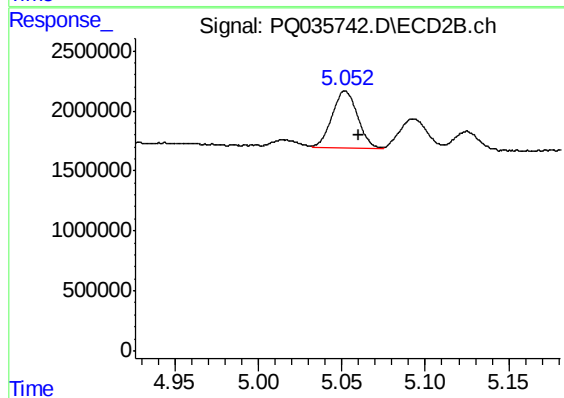
#5 AR-1016-3

R.T.: 5.052 min  
Delta R.T.: 0.032 min  
Response: 4955475  
Conc: 84.85 ng/ml



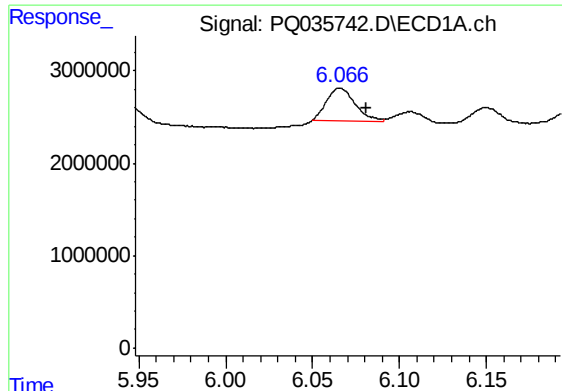
#6 AR-1016-4

R.T.: 5.770 min  
Delta R.T.: -0.018 min  
Response: 2040911  
Conc: 21.43 ng/ml



#6 AR-1016-4

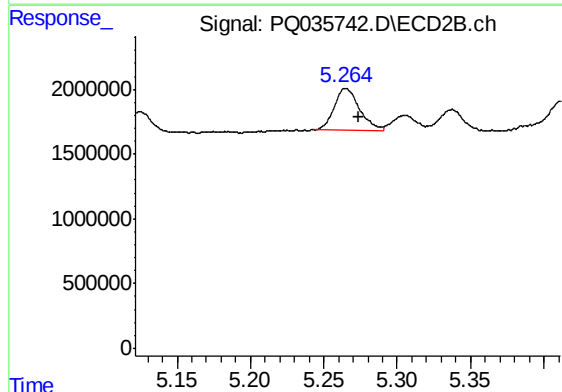
R.T.: 5.052 min  
Delta R.T.: -0.008 min  
Response: 4955475  
Conc: 105.39 ng/ml



#7 AR-1016-5

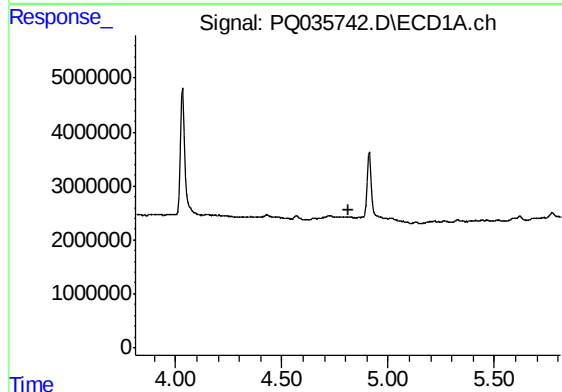
R.T.: 6.066 min  
Delta R.T.: -0.015 min  
Response: 4129262  
Conc: 45.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



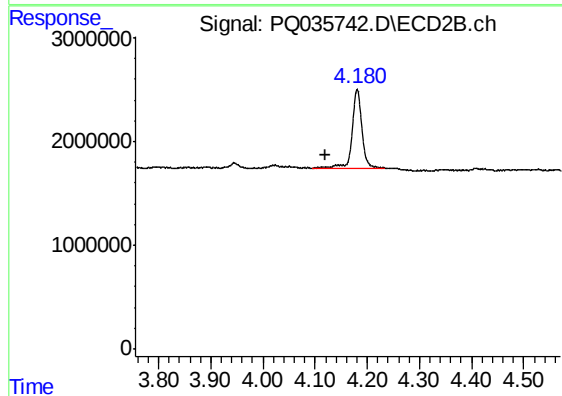
#7 AR-1016-5

R.T.: 5.265 min  
Delta R.T.: -0.009 min  
Response: 3852212  
Conc: 62.75 ng/ml



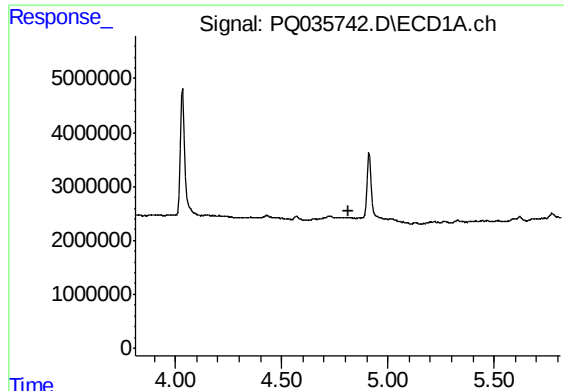
#10 AR-1221-3

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



#10 AR-1221-3

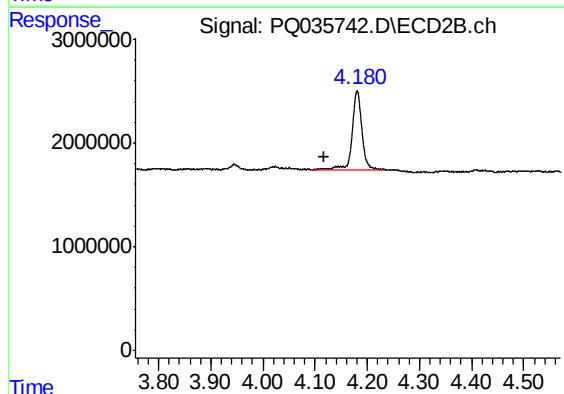
R.T.: 4.181 min  
Delta R.T.: 0.062 min  
Response: 9869817  
Conc: 203.16 ng/ml



#11 AR-1232-1

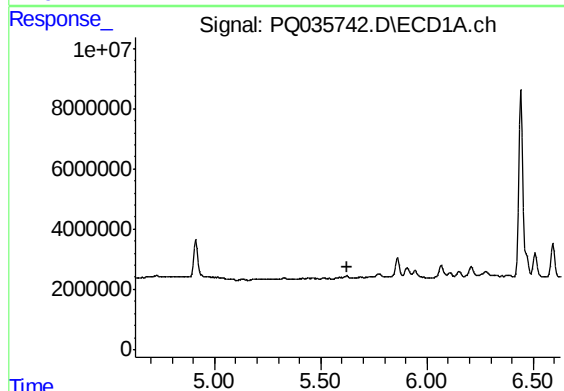
R.T.: 0.000 min  
Exp R.T. : 4.812 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



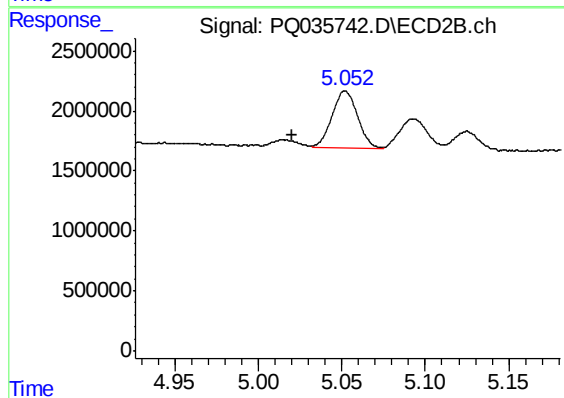
#11 AR-1232-1

R.T.: 4.181 min  
Delta R.T.: 0.062 min  
Response: 9869817  
Conc: 224.15 ng/ml



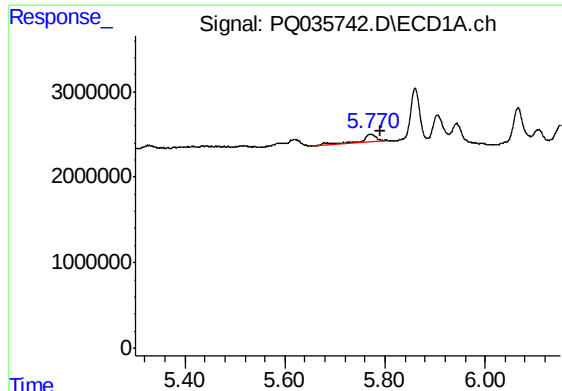
#13 AR-1232-3

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



#13 AR-1232-3

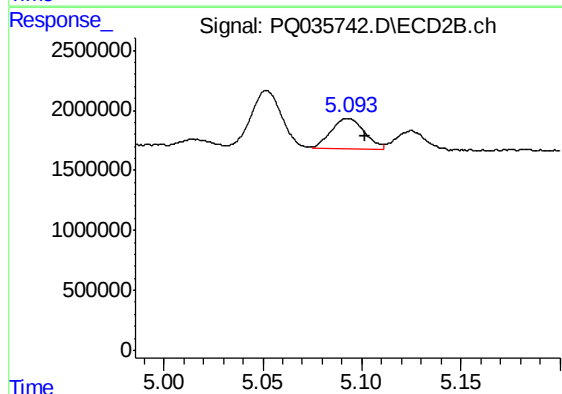
R.T.: 5.052 min  
Delta R.T.: 0.032 min  
Response: 4955475  
Conc: 193.94 ng/ml



#14 AR-1232-4

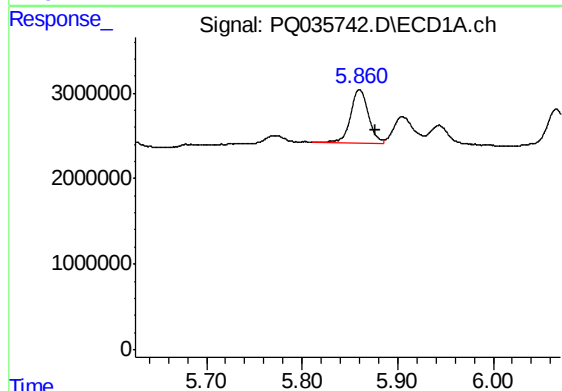
R.T.: 5.770 min  
Delta R.T.: -0.020 min  
Response: 2040911  
Conc: 50.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



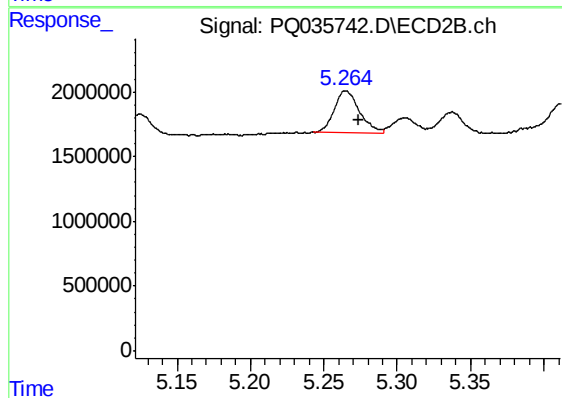
#14 AR-1232-4

R.T.: 5.093 min  
Delta R.T.: -0.009 min  
Response: 2888730  
Conc: 126.61 ng/ml



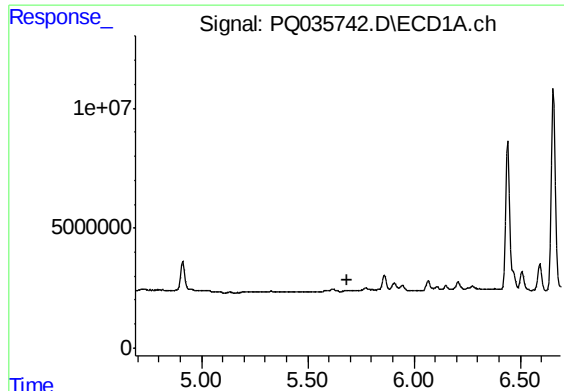
#15 AR-1232-5

R.T.: 5.860 min  
Delta R.T.: -0.017 min  
Response: 8090818  
Conc: 255.48 ng/ml



#15 AR-1232-5

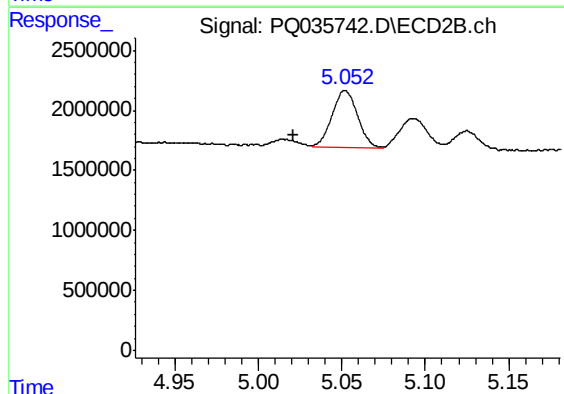
R.T.: 5.265 min  
Delta R.T.: -0.009 min  
Response: 3852212  
Conc: 154.23 ng/ml



#18 AR-1242-3

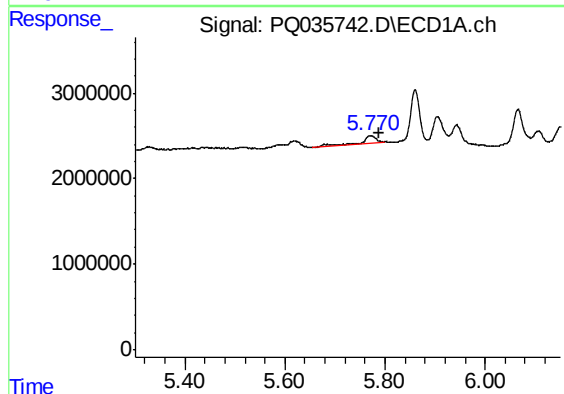
R.T.: 0.000 min  
Exp R.T.: 5.689 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



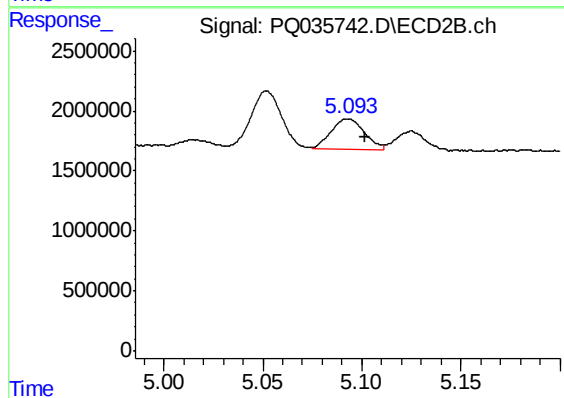
#18 AR-1242-3

R.T.: 5.052 min  
Delta R.T.: 0.031 min  
Response: 4955475  
Conc: 110.04 ng/ml



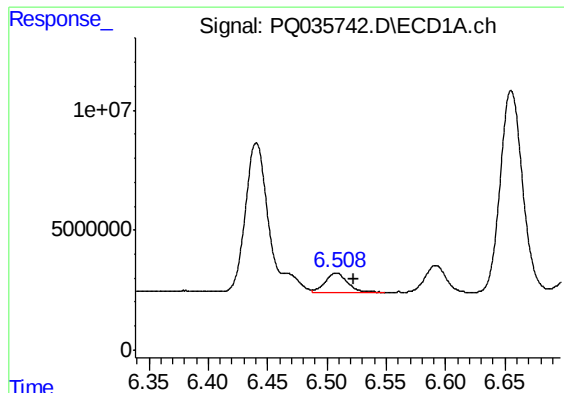
#19 AR-1242-4

R.T.: 5.770 min  
Delta R.T.: -0.018 min  
Response: 2040911  
Conc: 29.50 ng/ml



#19 AR-1242-4

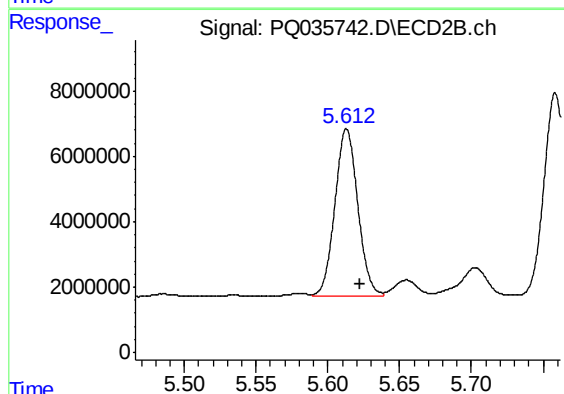
R.T.: 5.093 min  
Delta R.T.: -0.009 min  
Response: 2888730  
Conc: 65.24 ng/ml



#20 AR-1242-5

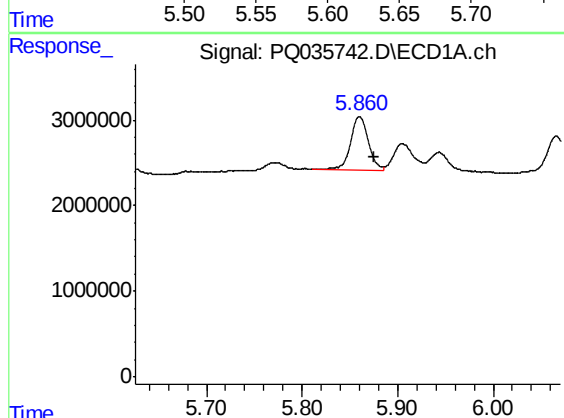
R.T.: 6.508 min  
Delta R.T.: -0.015 min  
Response: 10022156  
Conc: 127.75 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



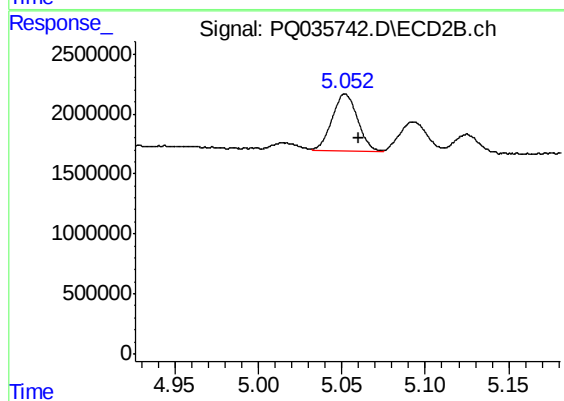
#20 AR-1242-5

R.T.: 5.613 min  
Delta R.T.: -0.009 min  
Response: 56993597  
Conc: 1032.69 ng/ml



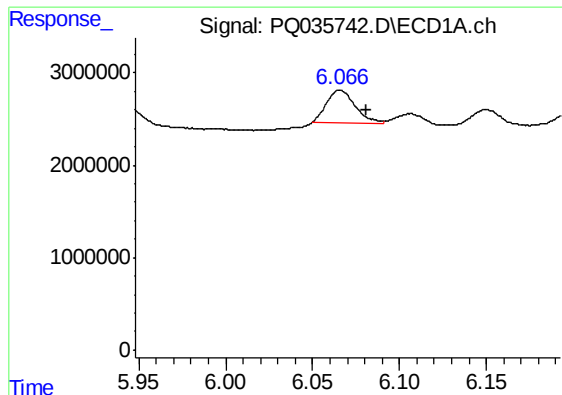
#22 AR-1248-2

R.T.: 5.860 min  
Delta R.T.: -0.016 min  
Response: 8090818  
Conc: 85.36 ng/ml



#22 AR-1248-2

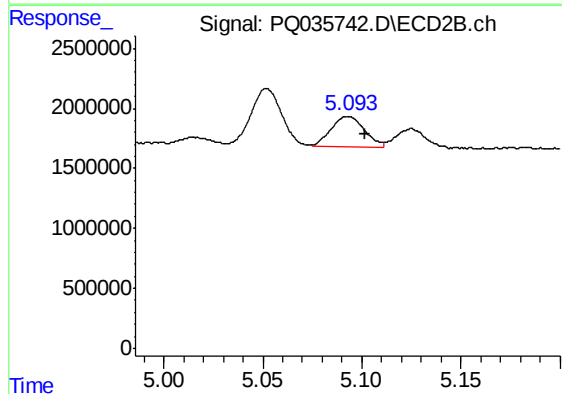
R.T.: 5.052 min  
Delta R.T.: -0.008 min  
Response: 4955475  
Conc: 91.30 ng/ml



#23 AR-1248-3

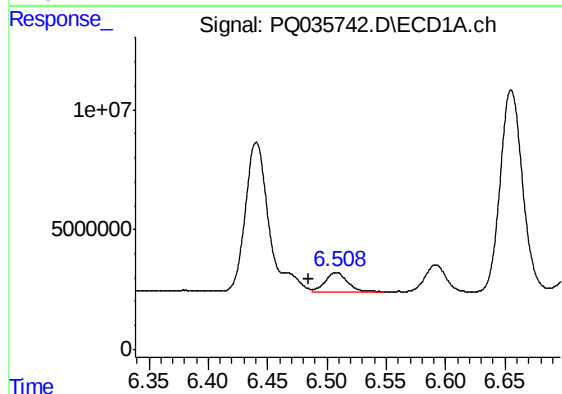
R.T.: 6.066 min  
Delta R.T.: -0.015 min  
Response: 4129262  
Conc: 39.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



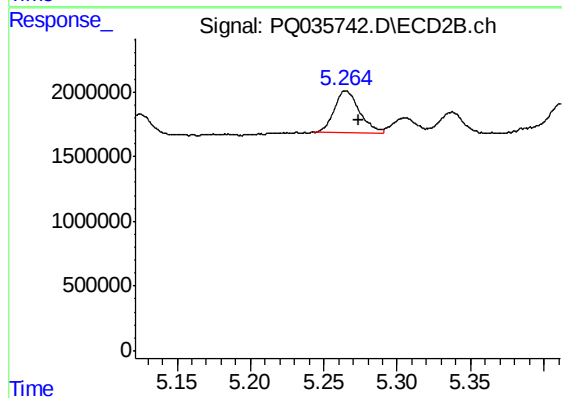
#23 AR-1248-3

R.T.: 5.093 min  
Delta R.T.: -0.009 min  
Response: 2888730  
Conc: 51.77 ng/ml



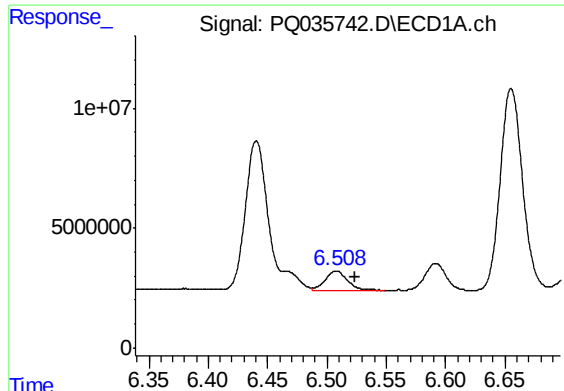
#24 AR-1248-4

R.T.: 6.508 min  
Delta R.T.: 0.024 min  
Response: 10022156  
Conc: 81.38 ng/ml



#24 AR-1248-4

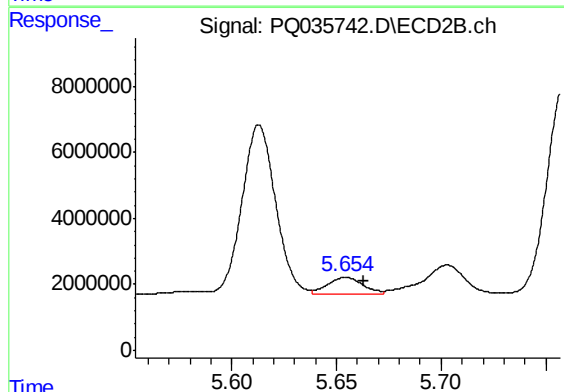
R.T.: 5.265 min  
Delta R.T.: -0.009 min  
Response: 3852212  
Conc: 55.65 ng/ml



#25 AR-1248-5

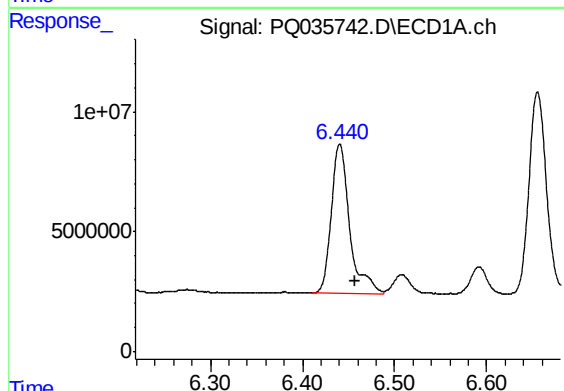
R.T.: 6.508 min  
Delta R.T.: -0.015 min  
Response: 10022156  
Conc: 85.66 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



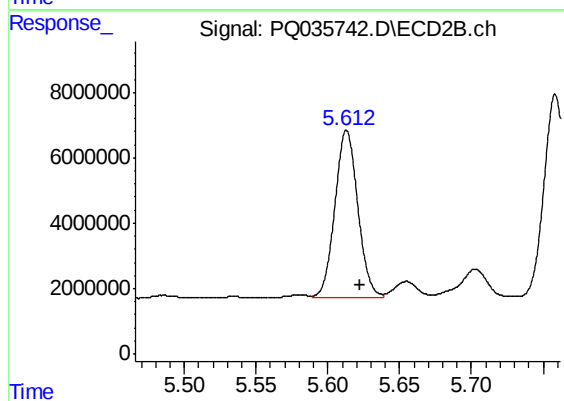
#25 AR-1248-5

R.T.: 5.655 min  
Delta R.T.: -0.009 min  
Response: 5613846  
Conc: 79.65 ng/ml



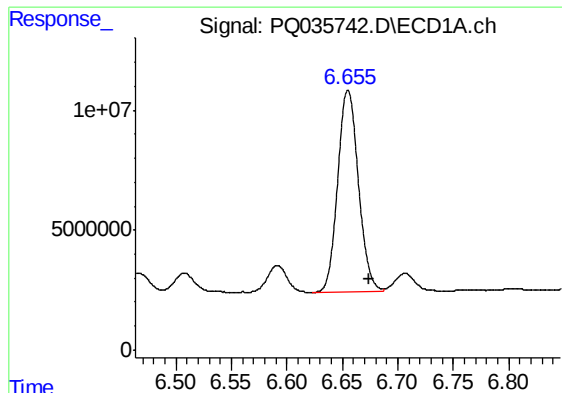
#26 AR-1254-1

R.T.: 6.441 min  
Delta R.T.: -0.017 min  
Response: 86234584  
Conc: 566.46 ng/ml



#26 AR-1254-1

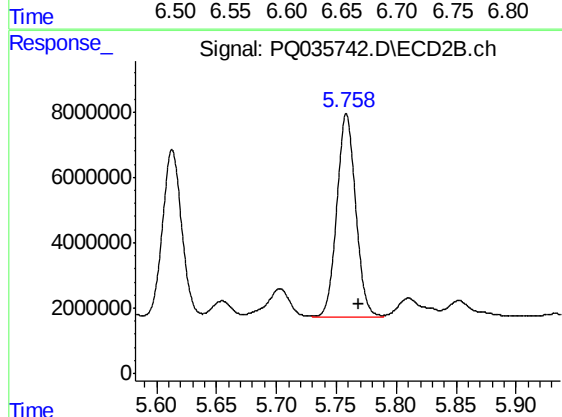
R.T.: 5.613 min  
Delta R.T.: -0.009 min  
Response: 56993597  
Conc: 427.28 ng/ml



#27 AR-1254-2

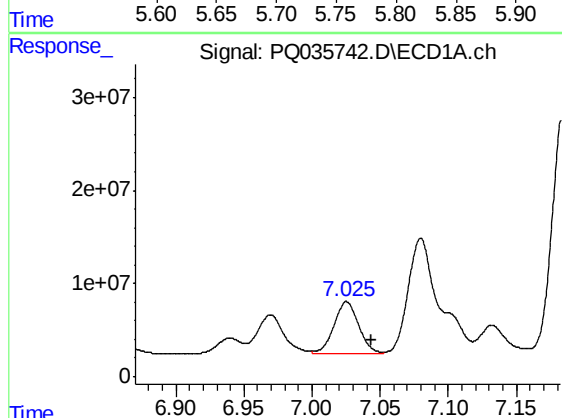
R.T.: 6.655 min  
Delta R.T.: -0.019 min  
Response: 109402603  
Conc: 462.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



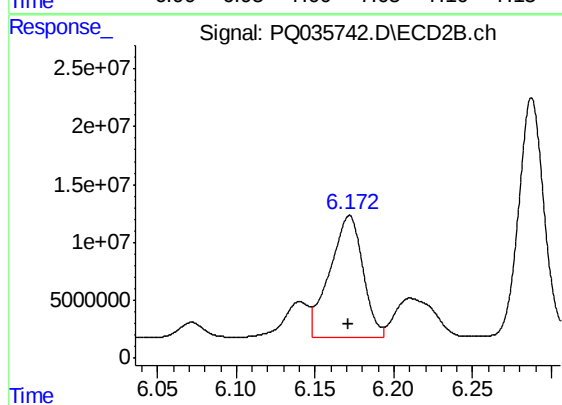
#27 AR-1254-2

R.T.: 5.758 min  
Delta R.T.: -0.010 min  
Response: 67773023  
Conc: 586.53 ng/ml



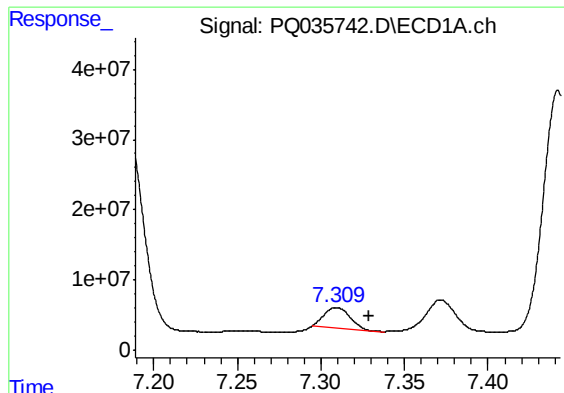
#28 AR-1254-3

R.T.: 7.025 min  
Delta R.T.: -0.018 min  
Response: 69680676  
Conc: 271.39 ng/ml



#28 AR-1254-3

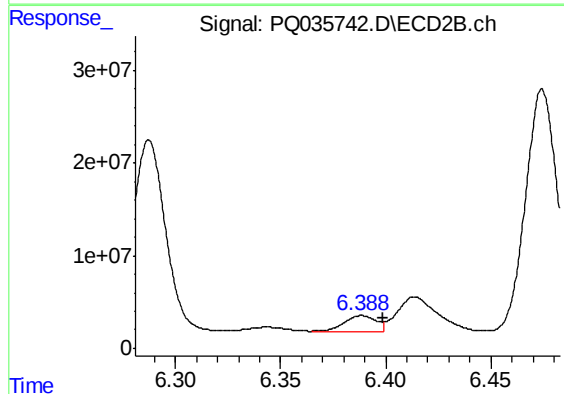
R.T.: 6.172 min  
Delta R.T.: 0.000 min  
Response: 152957928  
Conc: 792.29 ng/ml



#29 AR-1254-4

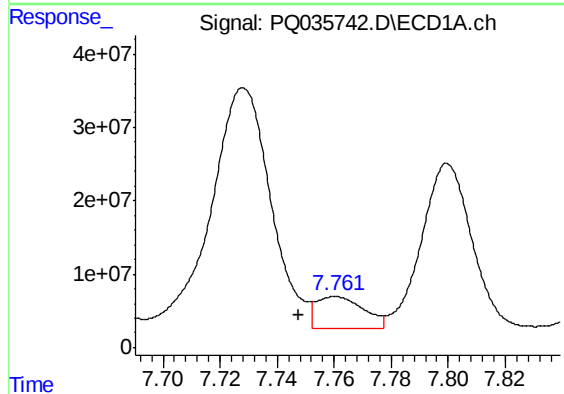
R.T.: 7.309 min  
Delta R.T.: -0.020 min  
Response: 30953281  
Conc: 170.72 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



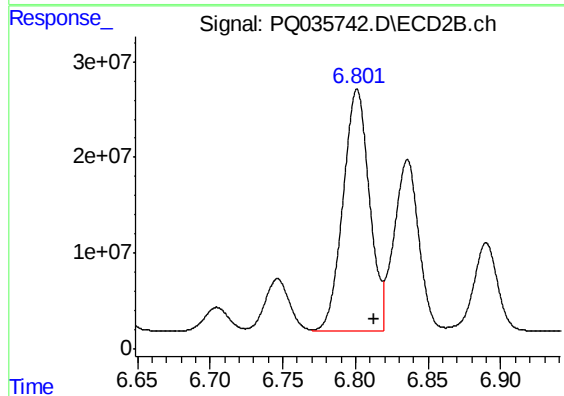
#29 AR-1254-4

R.T.: 6.389 min  
Delta R.T.: -0.010 min  
Response: 17316367  
Conc: 143.89 ng/ml



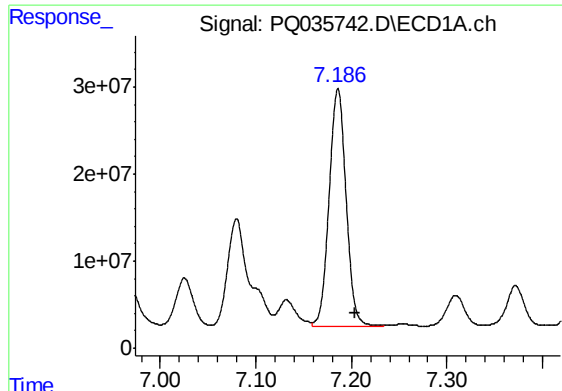
#30 AR-1254-5

R.T.: 7.761 min  
Delta R.T.: 0.013 min  
Response: 48986712  
Conc: 249.74 ng/ml



#30 AR-1254-5

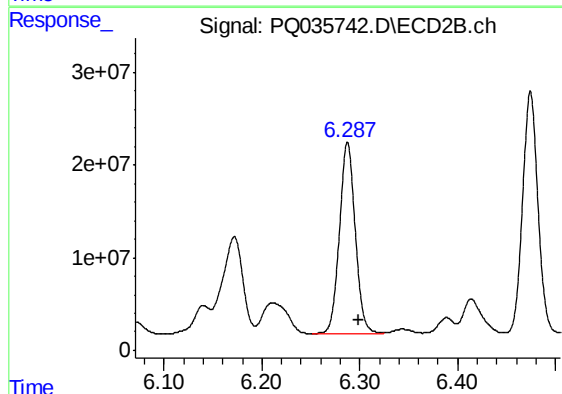
R.T.: 6.801 min  
Delta R.T.: -0.012 min  
Response: 318536428  
Conc: 1955.86 ng/ml



#31 AR-1260-1

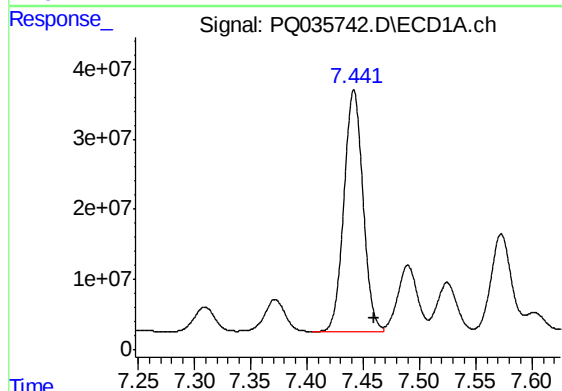
R.T.: 7.186 min  
Delta R.T.: -0.018 min  
Response: 335515283  
Conc: 1819.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



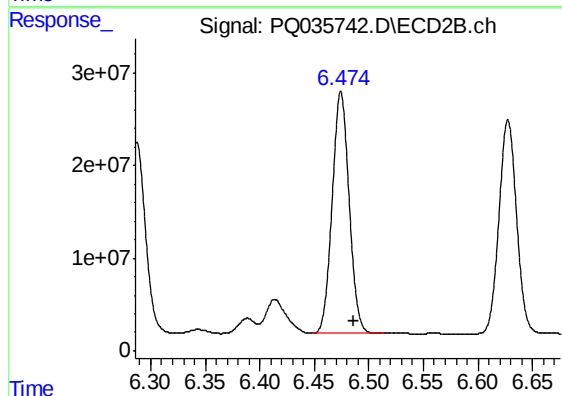
#31 AR-1260-1

R.T.: 6.287 min  
Delta R.T.: -0.011 min  
Response: 231257452  
Conc: 1838.48 ng/ml



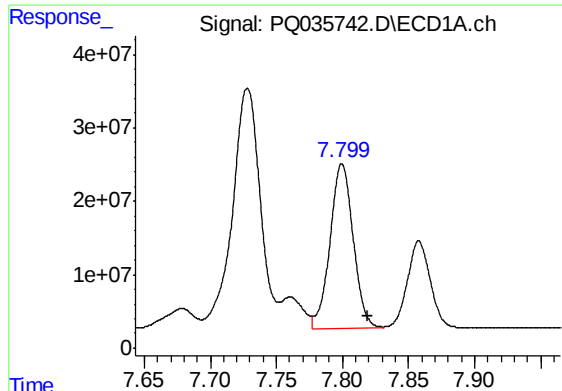
#32 AR-1260-2

R.T.: 7.442 min  
Delta R.T.: -0.018 min  
Response: 403481260  
Conc: 1856.93 ng/ml



#32 AR-1260-2

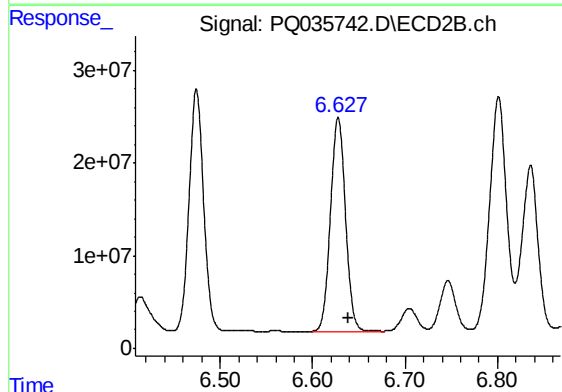
R.T.: 6.474 min  
Delta R.T.: -0.011 min  
Response: 281669534  
Conc: 1865.20 ng/ml



#33 AR-1260-3

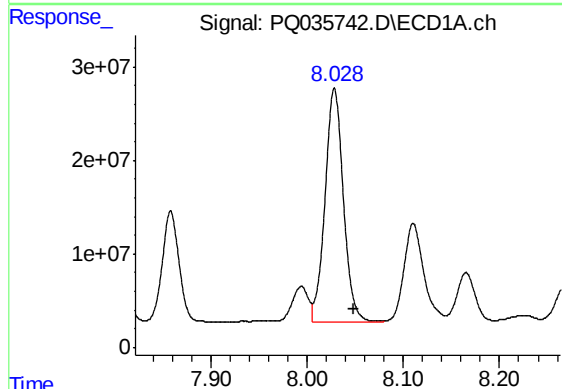
R.T.: 7.800 min  
Delta R.T.: -0.020 min  
Response: 273980204  
Conc: 2045.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



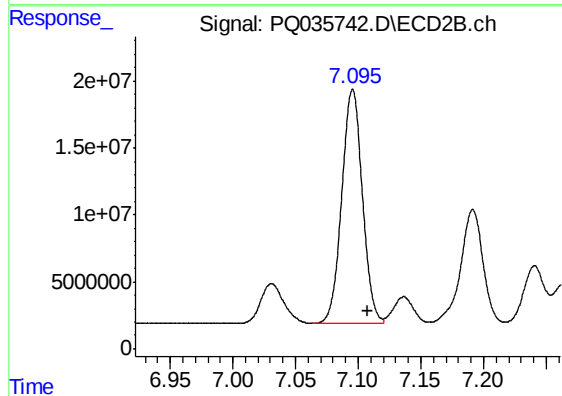
#33 AR-1260-3

R.T.: 6.628 min  
Delta R.T.: -0.011 min  
Response: 259955088  
Conc: 1860.35 ng/ml



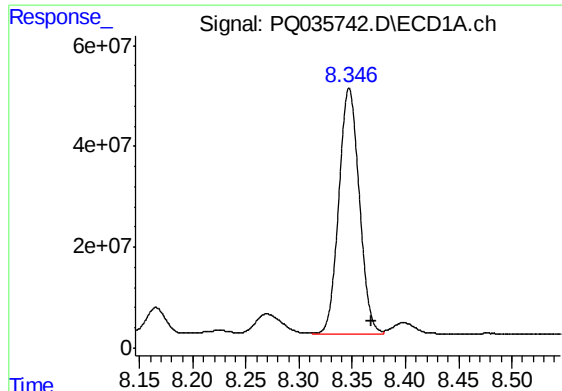
#34 AR-1260-4

R.T.: 8.028 min  
Delta R.T.: -0.020 min  
Response: 327236222  
Conc: 1985.53 ng/ml



#34 AR-1260-4

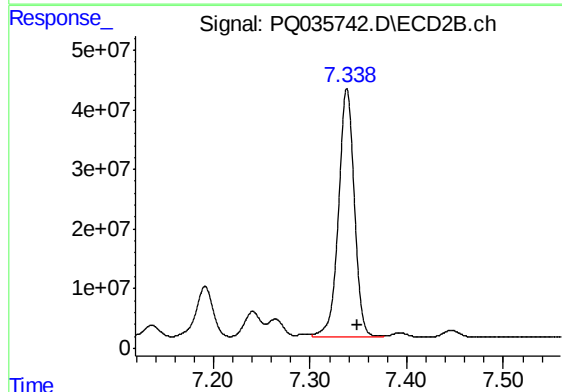
R.T.: 7.096 min  
Delta R.T.: -0.012 min  
Response: 200491180  
Conc: 2159.17 ng/ml



#35 AR-1260-5

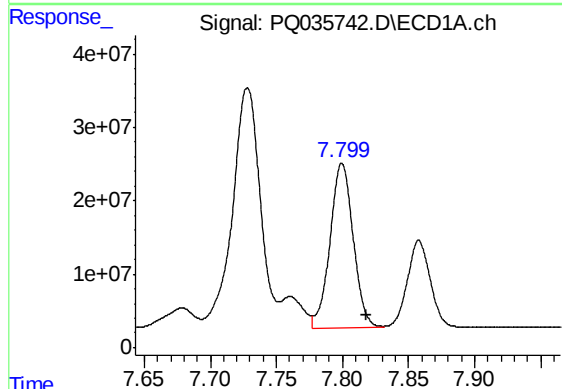
R.T.: 8.347 min  
Delta R.T.: -0.021 min  
Response: 651352943  
Conc: 2184.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



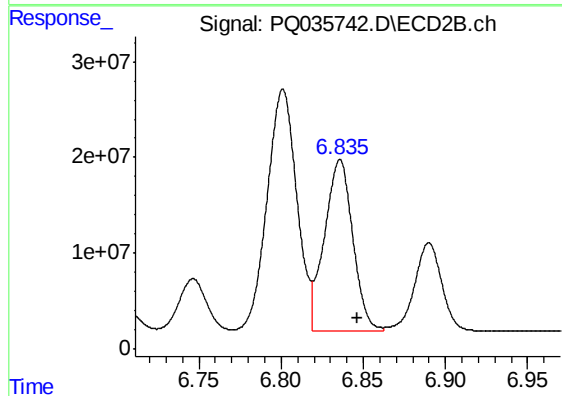
#35 AR-1260-5

R.T.: 7.338 min  
Delta R.T.: -0.011 min  
Response: 479257354  
Conc: 2135.75 ng/ml



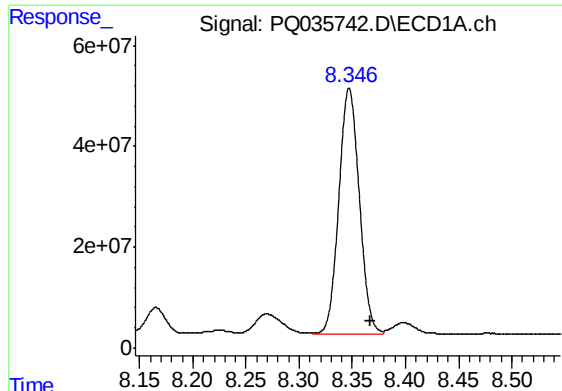
#36 AR-1262-1

R.T.: 7.800 min  
Delta R.T.: -0.019 min  
Response: 273980204  
Conc: 1250.62 ng/ml



#36 AR-1262-1

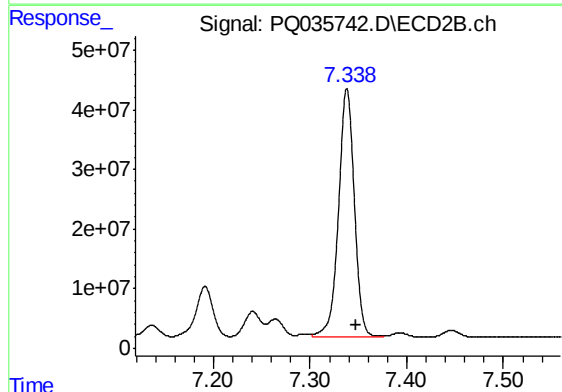
R.T.: 6.836 min  
Delta R.T.: -0.011 min  
Response: 214387825  
Conc: 1396.95 ng/ml



#37 AR-1262-2

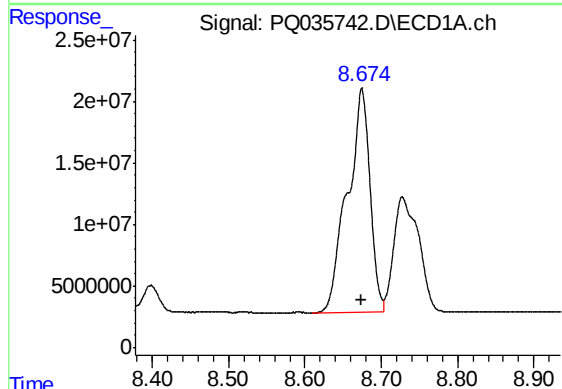
R.T.: 8.347 min  
Delta R.T.: -0.019 min  
Response: 651352943  
Conc: 1729.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



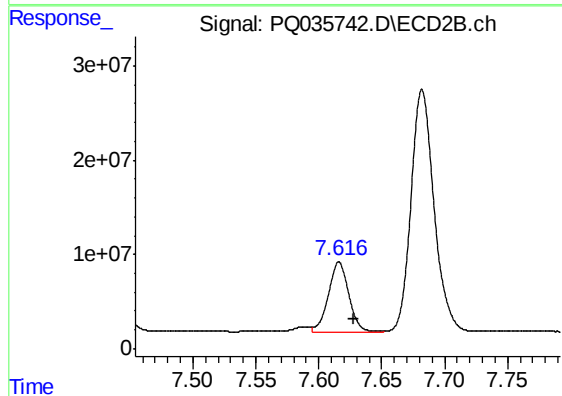
#37 AR-1262-2

R.T.: 7.338 min  
Delta R.T.: -0.010 min  
Response: 479257354  
Conc: 1795.90 ng/ml



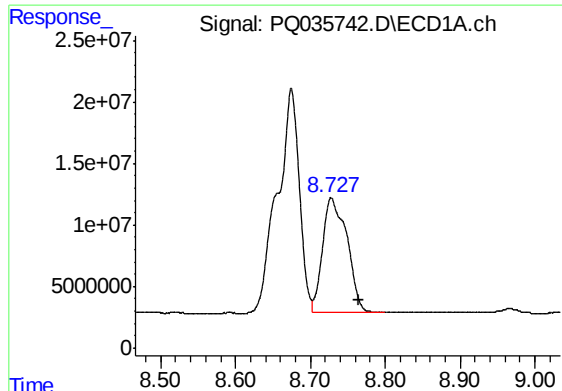
#38 AR-1262-3

R.T.: 8.675 min  
Delta R.T.: 0.000 min  
Response: 374047127  
Conc: 1556.00 ng/ml



#38 AR-1262-3

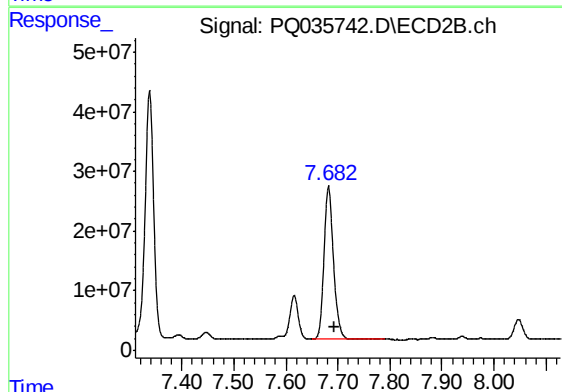
R.T.: 7.616 min  
Delta R.T.: -0.011 min  
Response: 82903655  
Conc: 798.82 ng/ml



#39 AR-1262-4

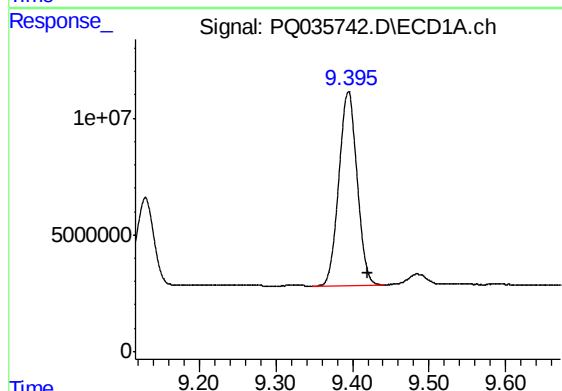
R.T.: 8.728 min  
Delta R.T.: -0.037 min  
Response: 211141836  
Conc: 1168.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



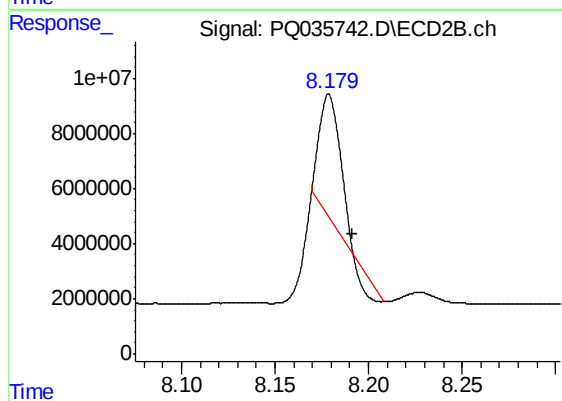
#39 AR-1262-4

R.T.: 7.682 min  
Delta R.T.: -0.011 min  
Response: 325813652  
Conc: 1758.83 ng/ml



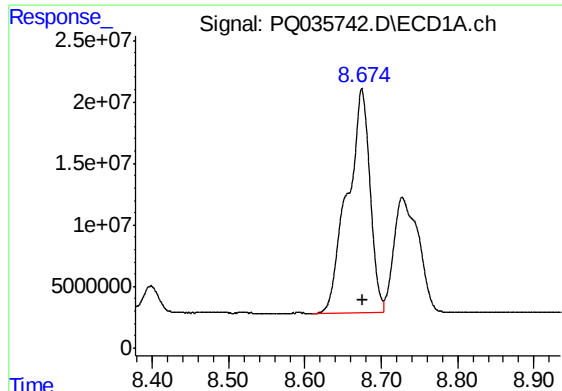
#40 AR-1262-5

R.T.: 9.395 min  
Delta R.T.: -0.025 min  
Response: 136987524  
Conc: 1202.88 ng/ml



#40 AR-1262-5

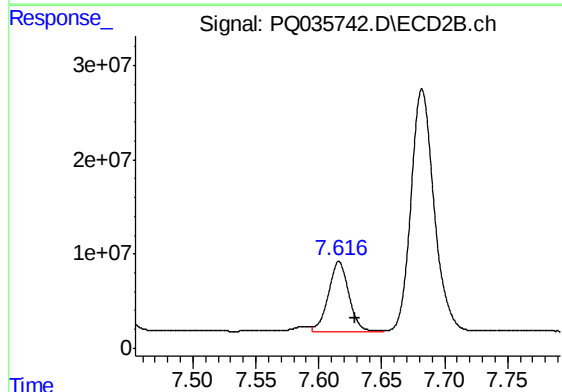
R.T.: 8.179 min  
Delta R.T.: -0.012 min  
Response: 31196474  
Conc: 420.28 ng/ml



#41 AR-1268-1

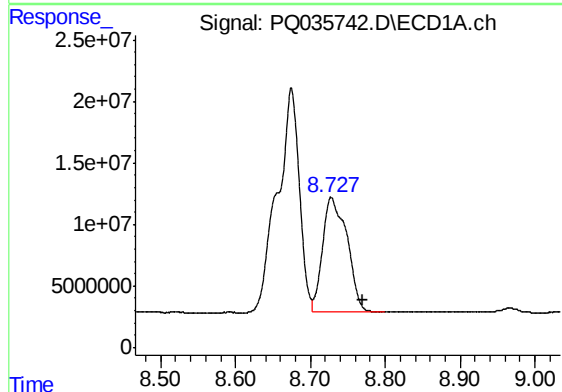
R.T.: 8.675 min  
Delta R.T.: 0.000 min  
Response: 374047127  
Conc: 775.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



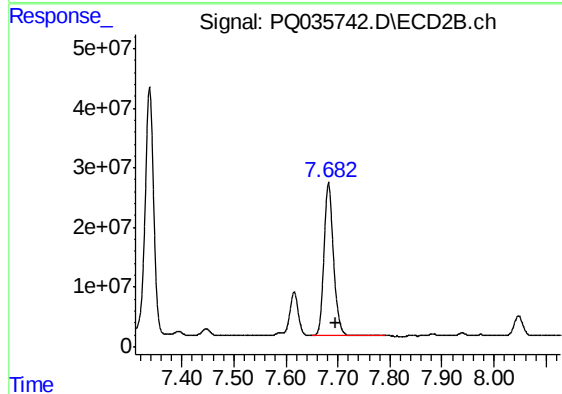
#41 AR-1268-1

R.T.: 7.616 min  
Delta R.T.: -0.012 min  
Response: 82903655  
Conc: 248.61 ng/ml



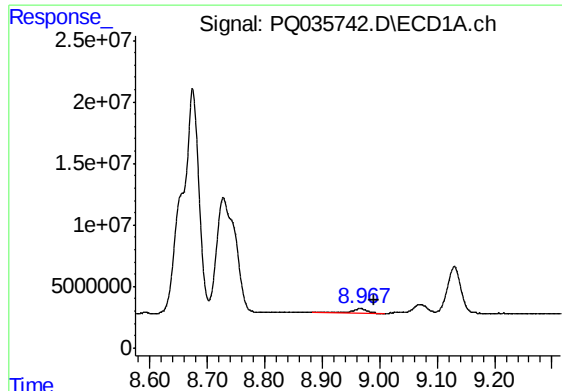
#42 AR-1268-2

R.T.: 8.728 min  
Delta R.T.: -0.042 min  
Response: 211141836  
Conc: 489.37 ng/ml



#42 AR-1268-2

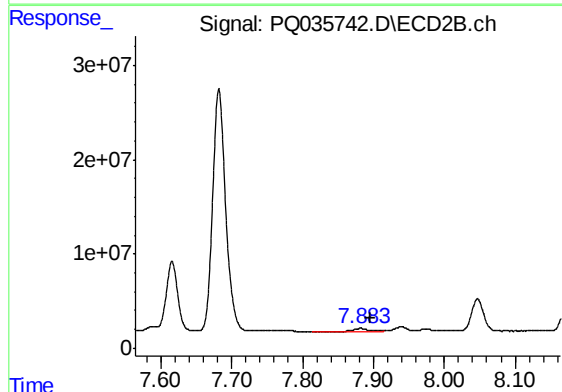
R.T.: 7.682 min  
Delta R.T.: -0.013 min  
Response: 325813652  
Conc: 1099.40 ng/ml



#43 AR-1268-3

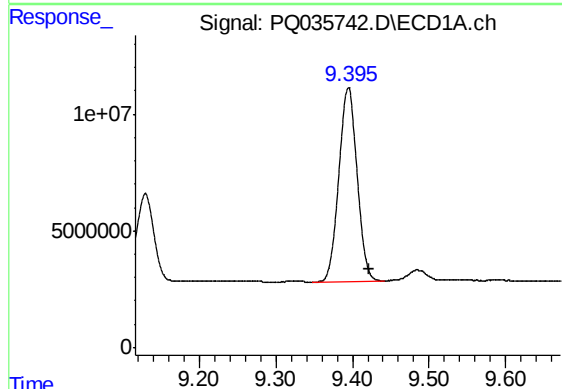
R.T.: 8.967 min  
Delta R.T.: -0.024 min  
Response: 6041902  
Conc: 15.99 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



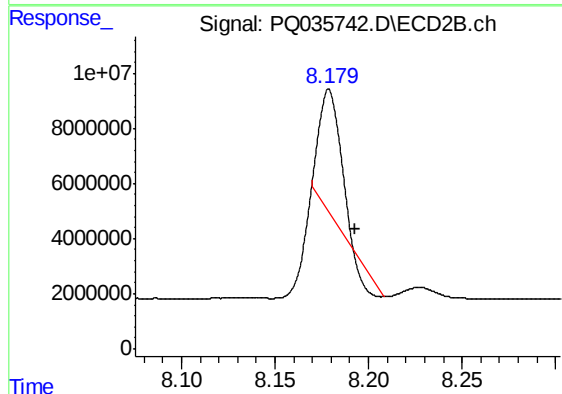
#43 AR-1268-3

R.T.: 7.882 min  
Delta R.T.: -0.014 min  
Response: 3994794  
Conc: 16.34 ng/ml



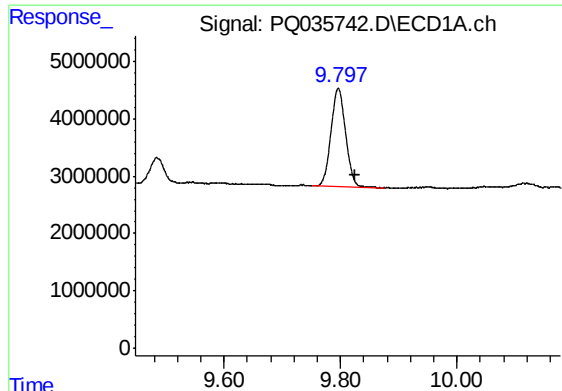
#44 AR-1268-4

R.T.: 9.395 min  
Delta R.T.: -0.027 min  
Response: 136987524  
Conc: 999.24 ng/ml



#44 AR-1268-4

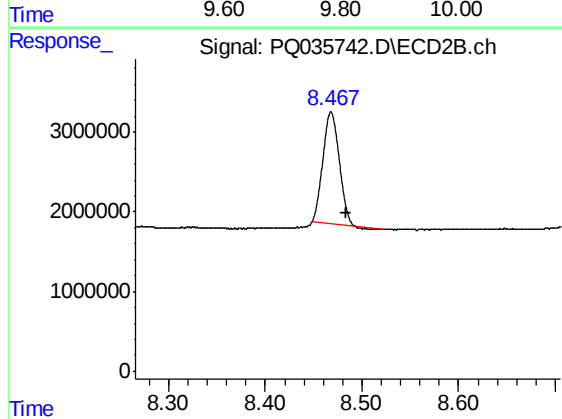
R.T.: 8.179 min  
Delta R.T.: -0.014 min  
Response: 31196474  
Conc: 334.41 ng/ml



#45 AR-1268-5

R.T.: 9.797 min  
Delta R.T.: -0.029 min  
Response: 30268380  
Conc: 26.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS010-1218-01DL



#45 AR-1268-5

R.T.: 8.468 min  
Delta R.T.: -0.015 min  
Response: 16474394  
Conc: 22.55 ng/ml