

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ050319\  
 Data File : PQ039332.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 May 2019 12:49  
 Operator : AJ\SJ  
 Sample : K2602-01  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 BFH48

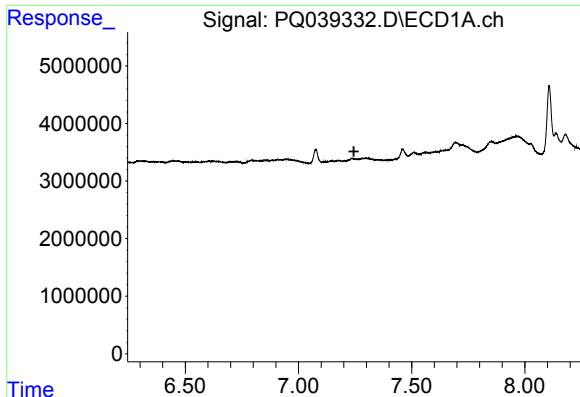
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 03 00:37:07 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ050219CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu May 02 08:13:50 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 5.698  | 4.793  | 54917433 | 31416235 | 18.125   | 18.956     |
| 2)                          | SA Decachlor... | 12.097 | 10.552 | 195.9E6  | 106.4E6  | 32.059   | 31.546     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 5)                          | L1 AR-1016-3    | 0.000  | 6.533  | 0        | 1062789  | N.D.     | 12.714 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 6.533  | 0        | 1062789  | N.D.     | 15.934 #   |
| 7)                          | L1 AR-1016-5    | 7.696  | 6.786  | 6121844  | 878851   | 43.942   | 8.982 #    |
| 13)                         | L3 AR-1232-3    | 0.000  | 6.533  | 0        | 1062789  | N.D.     | 47.585 #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 6.584  | 0        | 449437   | N.D.     | 20.543 #   |
| 15)                         | L3 AR-1232-5    | 7.460  | 6.786  | 1611634  | 878851   | 57.431   | 34.883 #   |
| 18)                         | L4 AR-1242-3    | 0.000  | 6.533  | 0        | 1062789  | N.D.     | 19.795 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 6.584  | 0        | 449437   | N.D.     | 8.061 #    |
| 20)                         | L4 AR-1242-5    | 8.181  | 7.195  | 8287677  | 10905317 | 84.875   | 144.004 #  |
| 22)                         | L5 AR-1248-2    | 7.460  | 6.533  | 1611634  | 1062789  | 9.837    | 9.848      |
| 23)                         | L5 AR-1248-3    | 7.696  | 6.584  | 6121844  | 449437   | 31.420   | 3.968 #    |
| 24)                         | L5 AR-1248-4    | 8.138  | 6.786  | 5335511  | 878851   | 24.711   | 6.230 #    |
| 25)                         | L5 AR-1248-5    | 8.181  | 7.243  | 8287677  | 905415   | 38.930   | 6.419 #    |
| 26)                         | L6 AR-1254-1    | 8.107  | 7.195  | 16914124 | 10905317 | 83.983   | 55.093 #   |
| 27)                         | L6 AR-1254-2    | 8.344  | 7.363  | 52154412 | 32386109 | 163.834  | 183.632    |
| 28)                         | L6 AR-1254-3    | 8.740  | 7.827  | 38601326 | 161.5E6  | 113.265  | 541.132 #  |
| 29)                         | L6 AR-1254-4    | 9.040  | 8.060  | 75296650 | 24066762 | 318.153  | 138.675 #  |
| 30)                         | L6 AR-1254-5    | 9.481  | 8.505  | 1907.3E6 | 1219.5E6 | 6996.069 | 4753.951 # |
| 31)                         | L7 AR-1260-1    | 8.912  | 7.952  | 464.6E6  | 329.5E6  | 1411.623 | 1394.790   |
| 32)                         | L7 AR-1260-2    | 9.182  | 8.155  | 1330.8E6 | 965.7E6  | 3364.014 | 3265.505   |
| 33)                         | L7 AR-1260-3    | 9.559  | 8.321  | 1492.3E6 | 428.8E6  | 4853.198 | 1538.614 # |
| 34)                         | L7 AR-1260-4    | 9.802  | 8.818  | 1356.4E6 | 800.3E6  | 3741.311 | 3373.355   |
| 35)                         | L7 AR-1260-5    | 10.149 | 9.071  | 3280.5E6 | 2366.2E6 | 4308.737 | 3956.160   |
| 36)                         | L8 AR-1262-1    | 9.559  | 8.544  | 1492.3E6 | 1110.8E6 | 4355.980 | 4021.122   |
| 37)                         | L8 AR-1262-2    | 10.149 | 9.071  | 3280.5E6 | 2366.2E6 | 5375.176 | 4835.604   |
| 38)                         | L8 AR-1262-3    | 10.505 | 9.364  | 2785.3E6 | 679.2E6  | 6612.467 | 3645.116 # |
| 39)                         | L8 AR-1262-4    | 10.582 | 9.430  | 821.8E6  | 2218.2E6 | 2407.045 | 6164.445 # |
| 40)                         | L8 AR-1262-5    | 11.293 | 9.957  | 1327.1E6 | 855.8E6  | 5903.764 | 5654.767   |
| 41)                         | L9 AR-1268-1    | 10.505 | 9.364  | 2785.3E6 | 679.2E6  | 2002.103 | 645.653 #  |
| 42)                         | L9 AR-1268-2    | 10.582 | 9.430  | 821.8E6  | 2218.2E6 | 611.909  | 2286.192 # |
| 43)                         | L9 AR-1268-3    | 10.828 | 9.644  | 69403731 | 22233491 | 59.767   | 26.967 #   |
| 44)                         | L9 AR-1268-4    | 11.293 | 9.957  | 1327.1E6 | 855.8E6  | 3099.698 | 2861.110   |
| 45)                         | L9 AR-1268-5    | 11.737 | 10.274 | 333.0E6  | 185.4E6  | 87.288   | 74.712     |
| -----                       |                 |        |        |          |          |          |            |

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

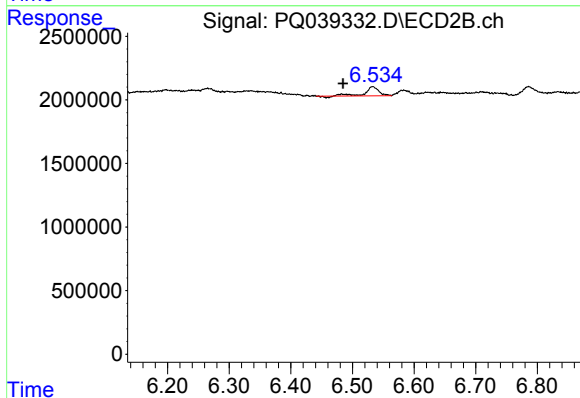




#5 AR-1016-3

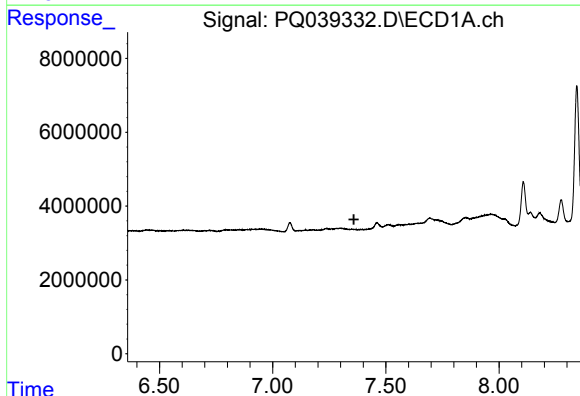
R.T.: 0.000 min  
Exp R.T.: 7.245 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



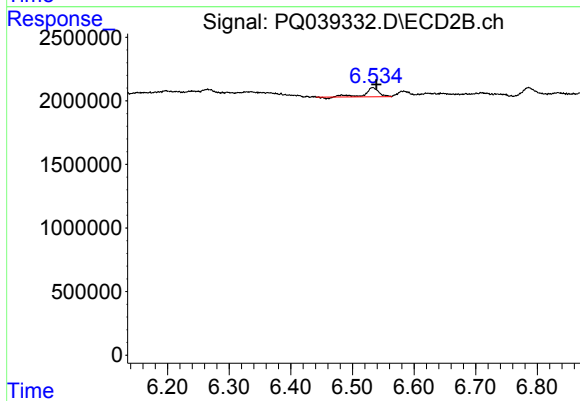
#5 AR-1016-3

R.T.: 6.533 min  
Delta R.T.: 0.048 min  
Response: 1062789  
Conc: 12.71 ng/ml



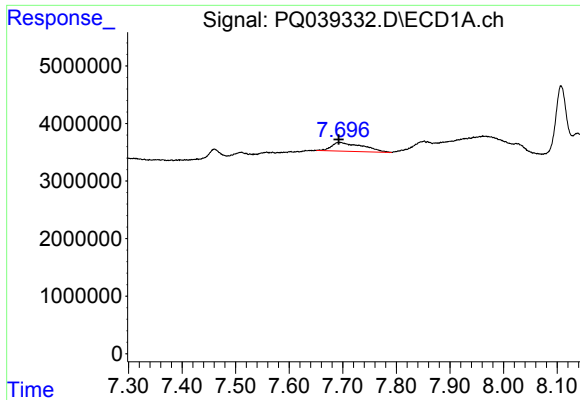
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 7.359 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

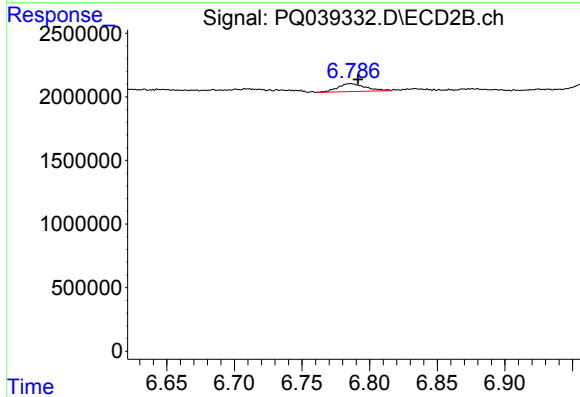
R.T.: 6.533 min  
Delta R.T.: -0.006 min  
Response: 1062789  
Conc: 15.93 ng/ml



#7 AR-1016-5

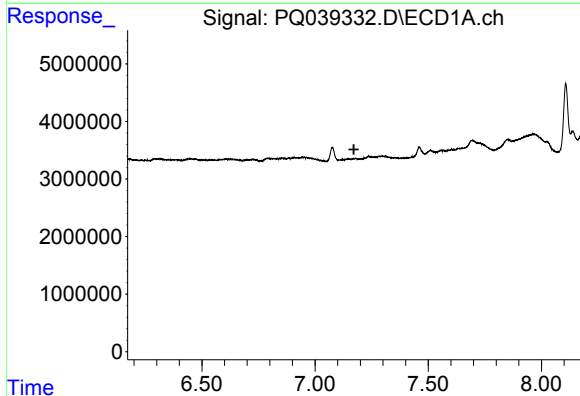
R.T.: 7.696 min  
Delta R.T.: 0.003 min  
Response: 6121844  
Conc: 43.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



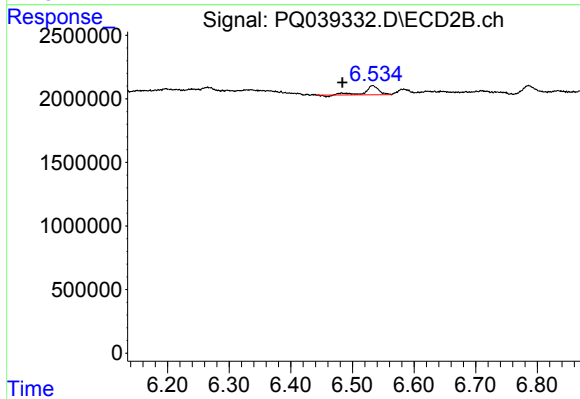
#7 AR-1016-5

R.T.: 6.786 min  
Delta R.T.: -0.005 min  
Response: 878851  
Conc: 8.98 ng/ml



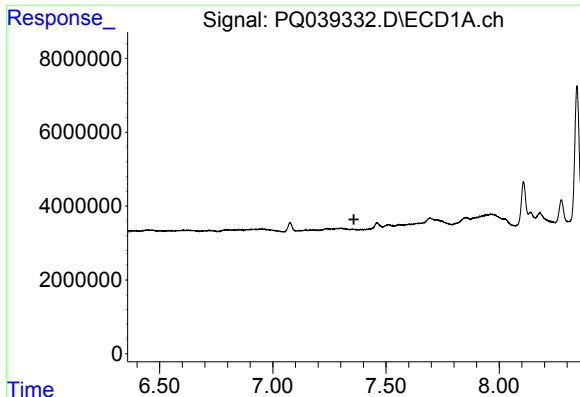
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 7.172 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

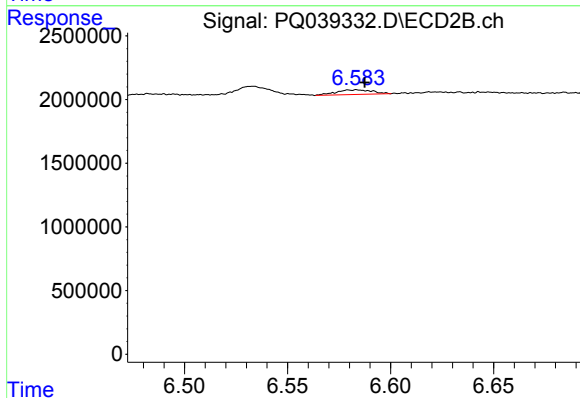
R.T.: 6.533 min  
Delta R.T.: 0.049 min  
Response: 1062789  
Conc: 47.58 ng/ml



#14 AR-1232-4

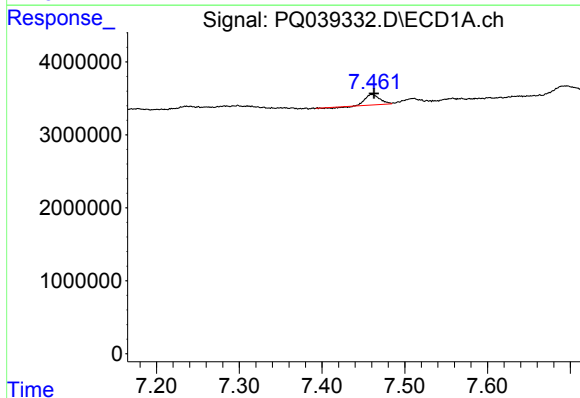
R.T.: 0.000 min  
Exp R.T.: 7.358 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



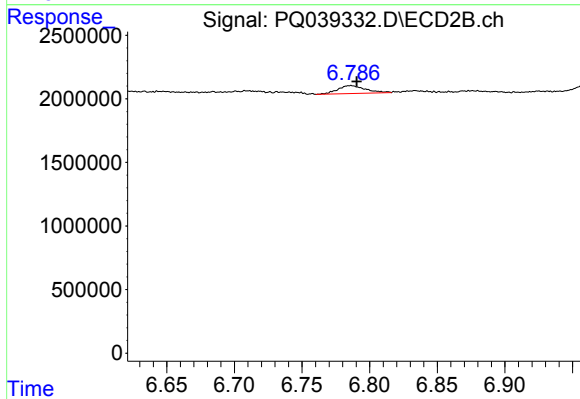
#14 AR-1232-4

R.T.: 6.584 min  
Delta R.T.: -0.004 min  
Response: 449437  
Conc: 20.54 ng/ml



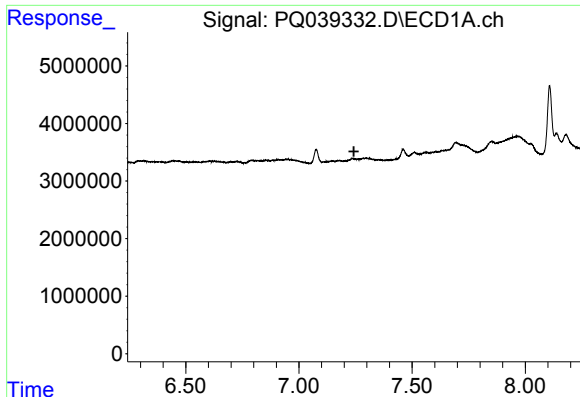
#15 AR-1232-5

R.T.: 7.460 min  
Delta R.T.: -0.003 min  
Response: 1611634  
Conc: 57.43 ng/ml



#15 AR-1232-5

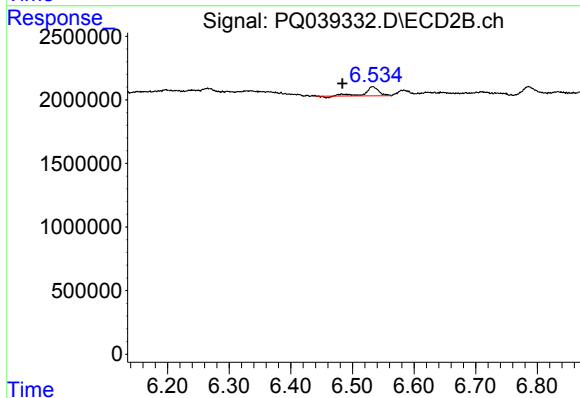
R.T.: 6.786 min  
Delta R.T.: -0.004 min  
Response: 878851  
Conc: 34.88 ng/ml



#18 AR-1242-3

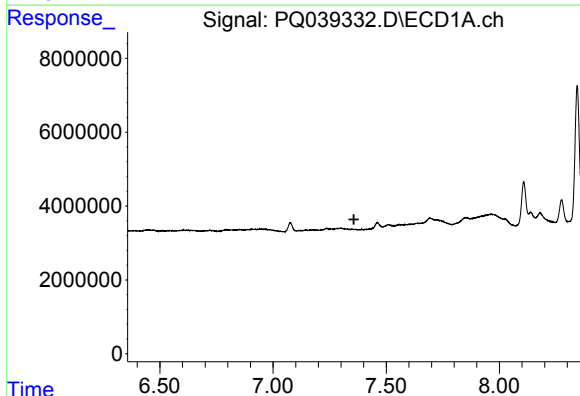
R.T.: 0.000 min  
Exp R.T.: 7.243 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



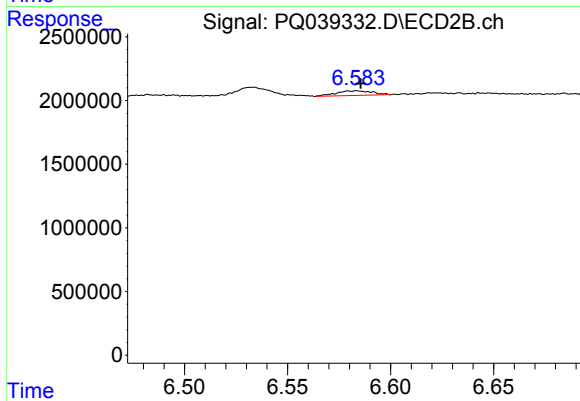
#18 AR-1242-3

R.T.: 6.533 min  
Delta R.T.: 0.049 min  
Response: 1062789  
Conc: 19.79 ng/ml



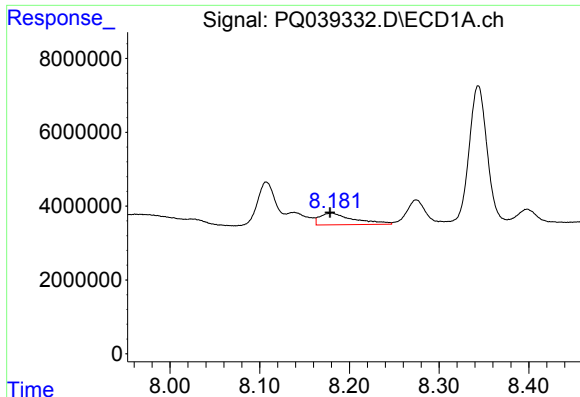
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 7.357 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

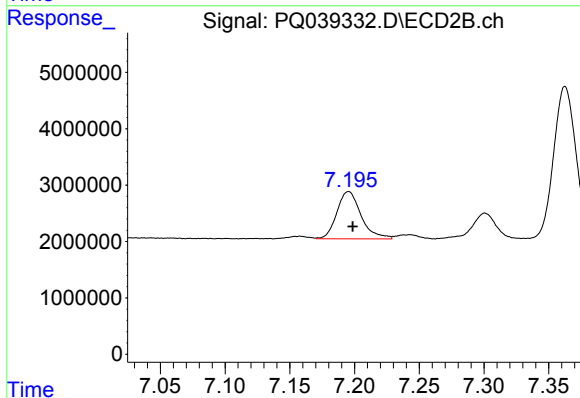
R.T.: 6.584 min  
Delta R.T.: -0.002 min  
Response: 449437  
Conc: 8.06 ng/ml



#20 AR-1242-5

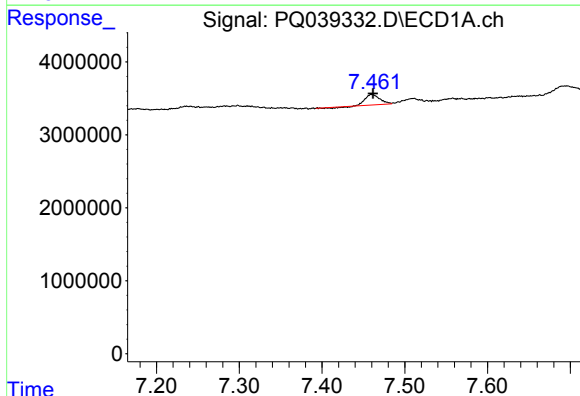
R.T.: 8.181 min  
Delta R.T.: 0.002 min  
Response: 8287677  
Conc: 84.88 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



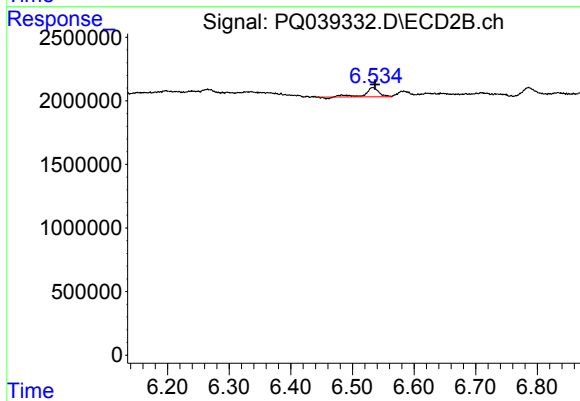
#20 AR-1242-5

R.T.: 7.195 min  
Delta R.T.: -0.003 min  
Response: 10905317  
Conc: 144.00 ng/ml



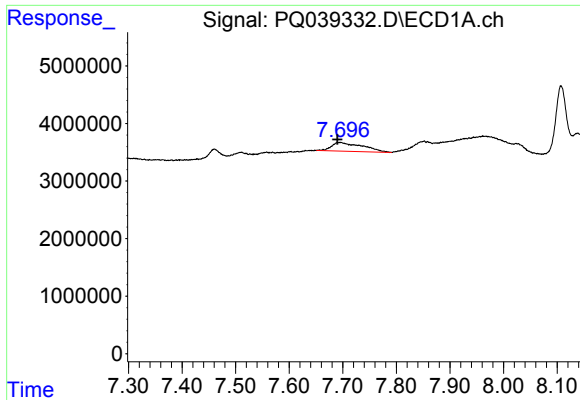
#22 AR-1248-2

R.T.: 7.460 min  
Delta R.T.: -0.001 min  
Response: 1611634  
Conc: 9.84 ng/ml



#22 AR-1248-2

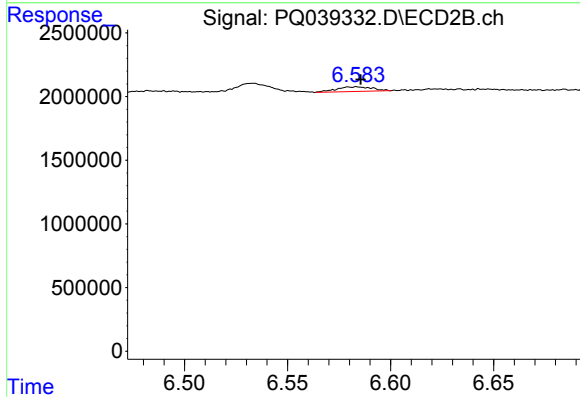
R.T.: 6.533 min  
Delta R.T.: -0.004 min  
Response: 1062789  
Conc: 9.85 ng/ml



#23 AR-1248-3

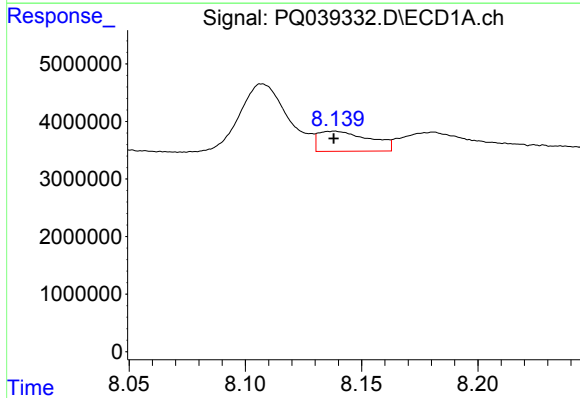
R.T.: 7.696 min  
Delta R.T.: 0.005 min  
Response: 6121844  
Conc: 31.42 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



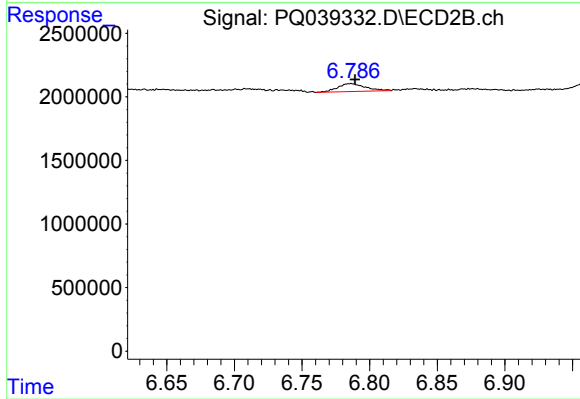
#23 AR-1248-3

R.T.: 6.584 min  
Delta R.T.: -0.002 min  
Response: 449437  
Conc: 3.97 ng/ml



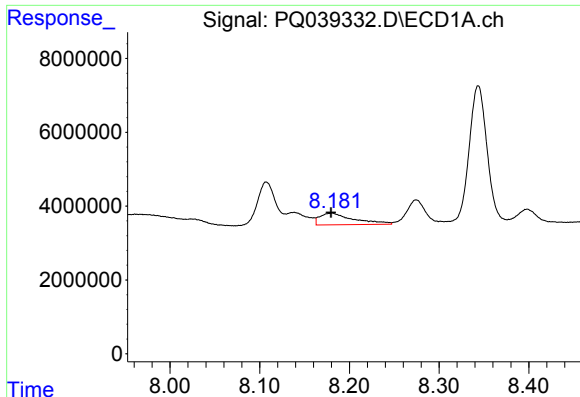
#24 AR-1248-4

R.T.: 8.138 min  
Delta R.T.: 0.000 min  
Response: 5335511  
Conc: 24.71 ng/ml



#24 AR-1248-4

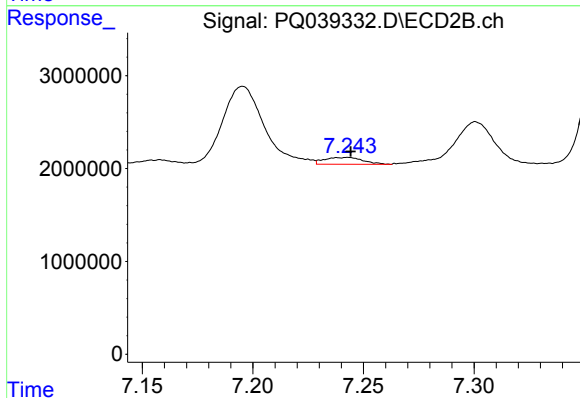
R.T.: 6.786 min  
Delta R.T.: -0.003 min  
Response: 878851  
Conc: 6.23 ng/ml



#25 AR-1248-5

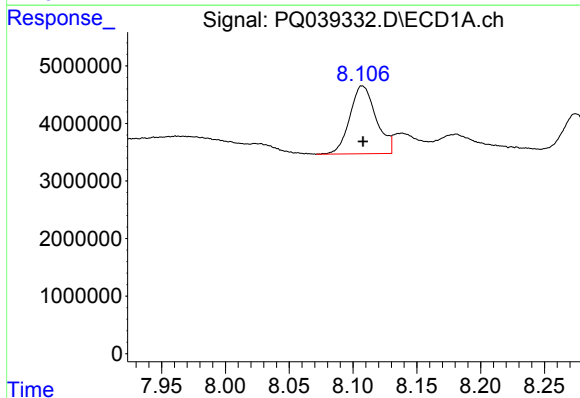
R.T.: 8.181 min  
Delta R.T.: 0.001 min  
Response: 8287677  
Conc: 38.93 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



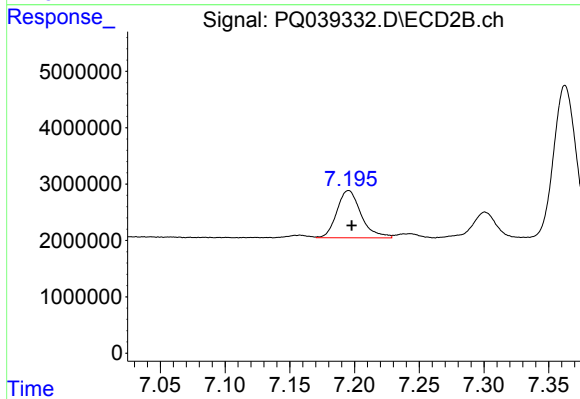
#25 AR-1248-5

R.T.: 7.243 min  
Delta R.T.: -0.001 min  
Response: 905415  
Conc: 6.42 ng/ml



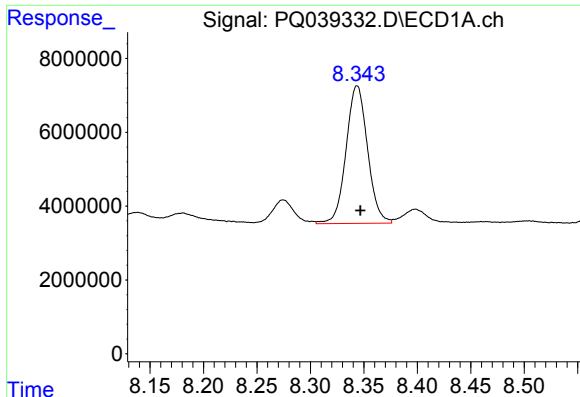
#26 AR-1254-1

R.T.: 8.107 min  
Delta R.T.: 0.000 min  
Response: 16914124  
Conc: 83.98 ng/ml



#26 AR-1254-1

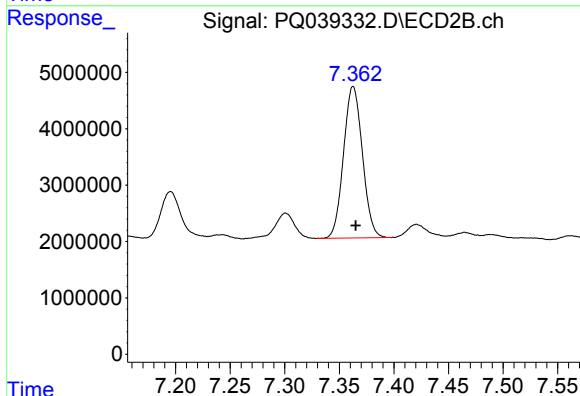
R.T.: 7.195 min  
Delta R.T.: -0.002 min  
Response: 10905317  
Conc: 55.09 ng/ml



#27 AR-1254-2

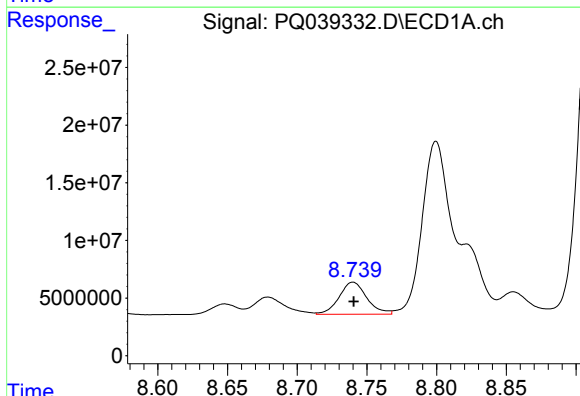
R.T.: 8.344 min  
Delta R.T.: -0.003 min  
Response: 52154412  
Conc: 163.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



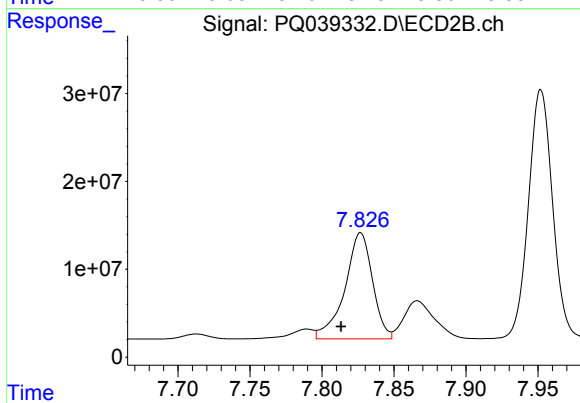
#27 AR-1254-2

R.T.: 7.363 min  
Delta R.T.: -0.002 min  
Response: 32386109  
Conc: 183.63 ng/ml



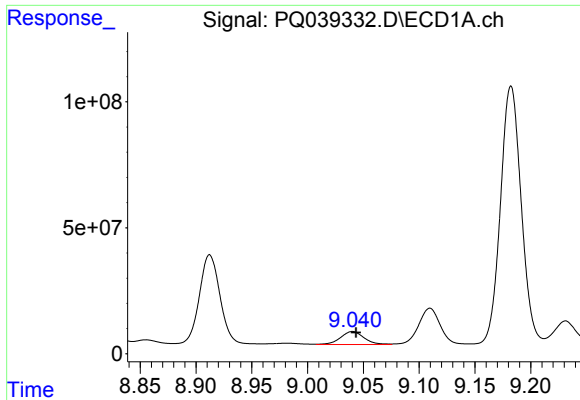
#28 AR-1254-3

R.T.: 8.740 min  
Delta R.T.: 0.000 min  
Response: 38601326  
Conc: 113.27 ng/ml



#28 AR-1254-3

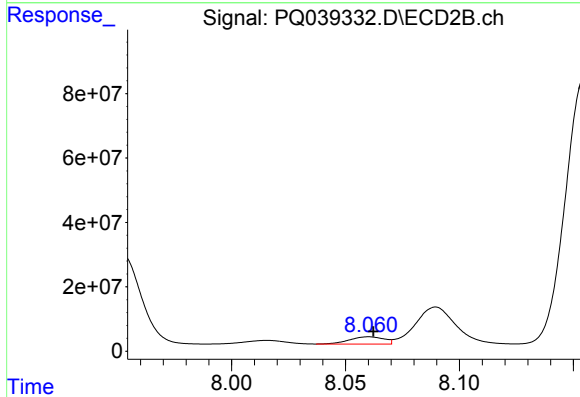
R.T.: 7.827 min  
Delta R.T.: 0.014 min  
Response: 161518966  
Conc: 541.13 ng/ml



#29 AR-1254-4

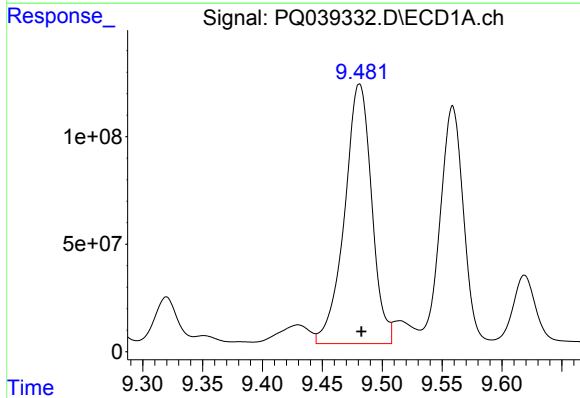
R.T.: 9.040 min  
Delta R.T.: -0.003 min  
Response: 75296650  
Conc: 318.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



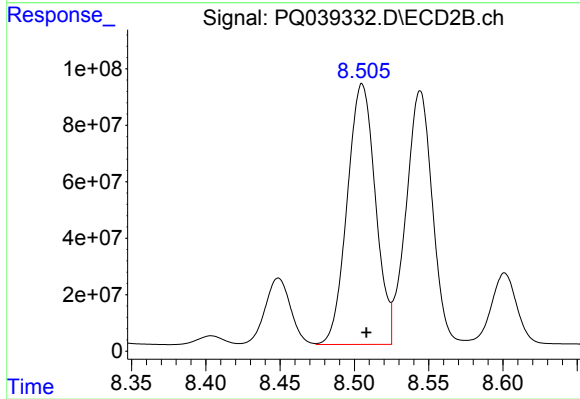
#29 AR-1254-4

R.T.: 8.060 min  
Delta R.T.: -0.002 min  
Response: 24066762  
Conc: 138.67 ng/ml



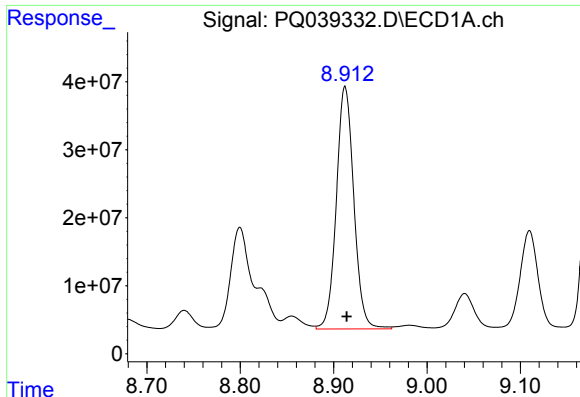
#30 AR-1254-5

R.T.: 9.481 min  
Delta R.T.: -0.002 min  
Response: 1907271829  
Conc: 6996.07 ng/ml



#30 AR-1254-5

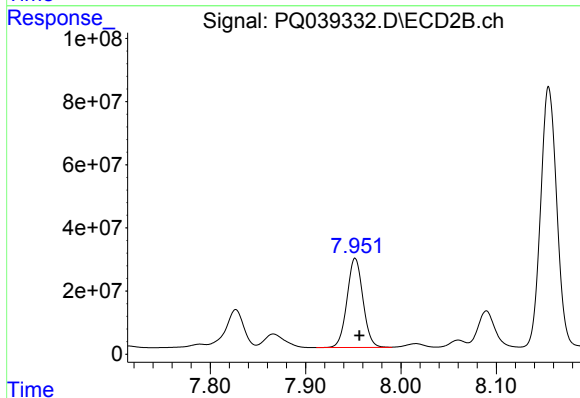
R.T.: 8.505 min  
Delta R.T.: -0.003 min  
Response: 1219476860  
Conc: 4753.95 ng/ml



#31 AR-1260-1

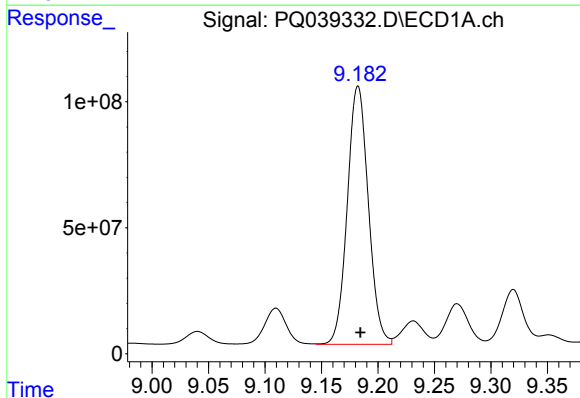
R.T.: 8.912 min  
Delta R.T.: -0.002 min  
Response: 464601097  
Conc: 1411.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



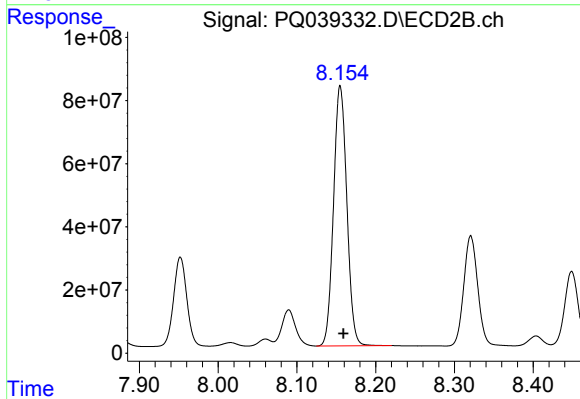
#31 AR-1260-1

R.T.: 7.952 min  
Delta R.T.: -0.004 min  
Response: 329505472  
Conc: 1394.79 ng/ml



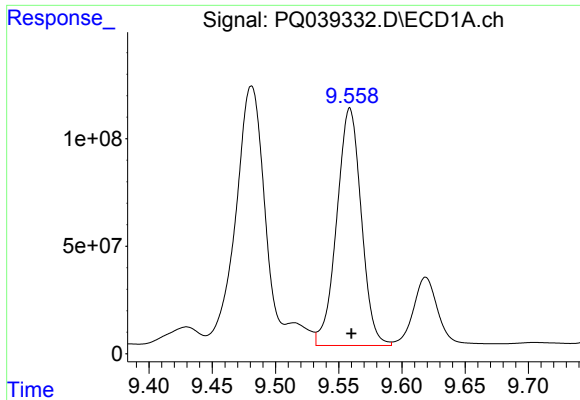
#32 AR-1260-2

R.T.: 9.182 min  
Delta R.T.: -0.002 min  
Response: 1330826390  
Conc: 3364.01 ng/ml



#32 AR-1260-2

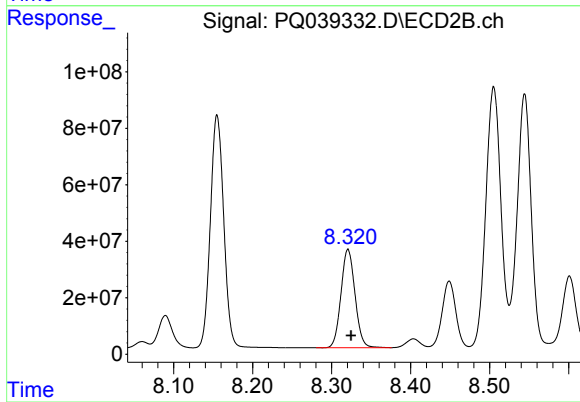
R.T.: 8.155 min  
Delta R.T.: -0.004 min  
Response: 965697258  
Conc: 3265.51 ng/ml



#33 AR-1260-3

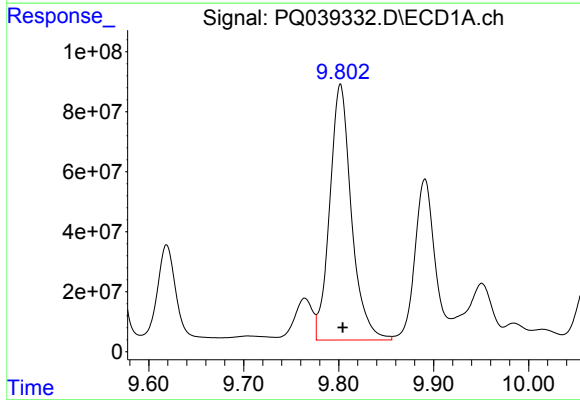
R.T.: 9.559 min  
Delta R.T.: -0.001 min  
Response: 1492282448  
Conc: 4853.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



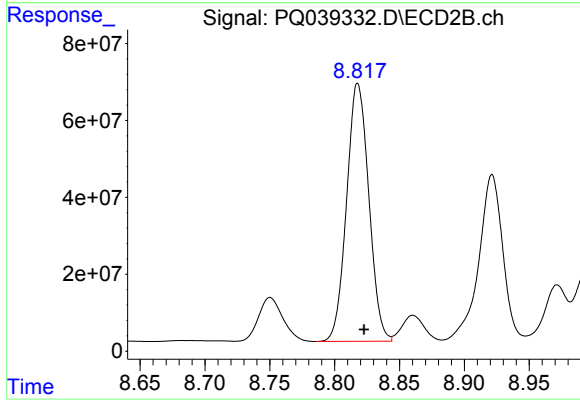
#33 AR-1260-3

R.T.: 8.321 min  
Delta R.T.: -0.004 min  
Response: 428818361  
Conc: 1538.61 ng/ml



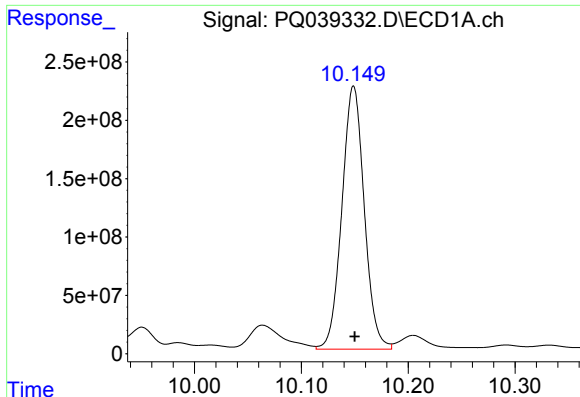
#34 AR-1260-4

R.T.: 9.802 min  
Delta R.T.: -0.002 min  
Response: 1356438720  
Conc: 3741.31 ng/ml



#34 AR-1260-4

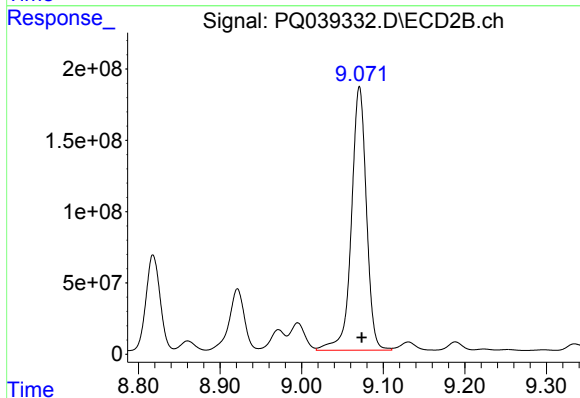
R.T.: 8.818 min  
Delta R.T.: -0.005 min  
Response: 800315754  
Conc: 3373.36 ng/ml



#35 AR-1260-5

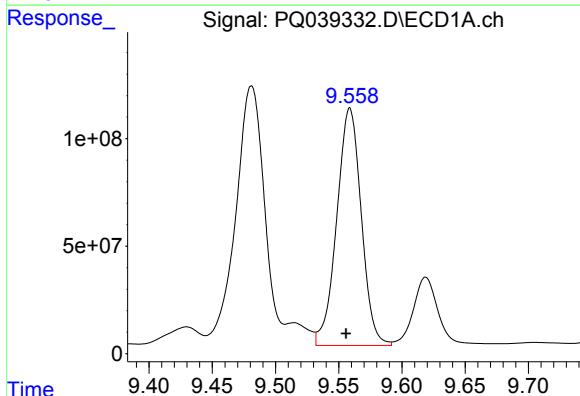
R.T.: 10.149 min  
Delta R.T.: -0.001 min  
Response: 3280497262  
Conc: 4308.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



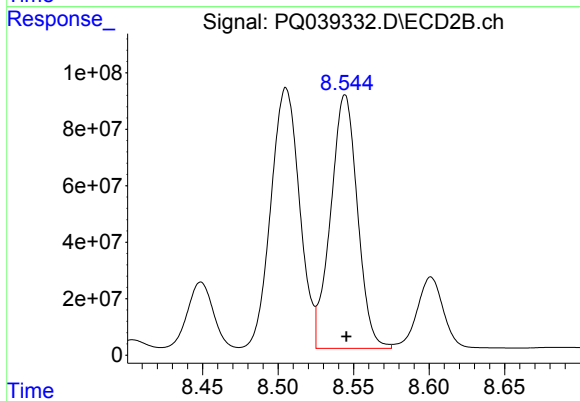
#35 AR-1260-5

R.T.: 9.071 min  
Delta R.T.: -0.003 min  
Response: 2366176534  
Conc: 3956.16 ng/ml



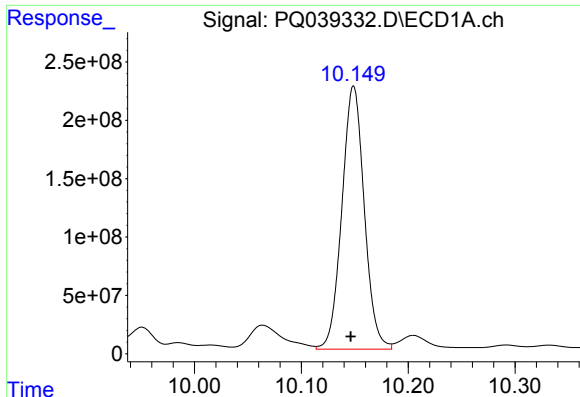
#36 AR-1262-1

R.T.: 9.559 min  
Delta R.T.: 0.003 min  
Response: 1492282448  
Conc: 4355.98 ng/ml



#36 AR-1262-1

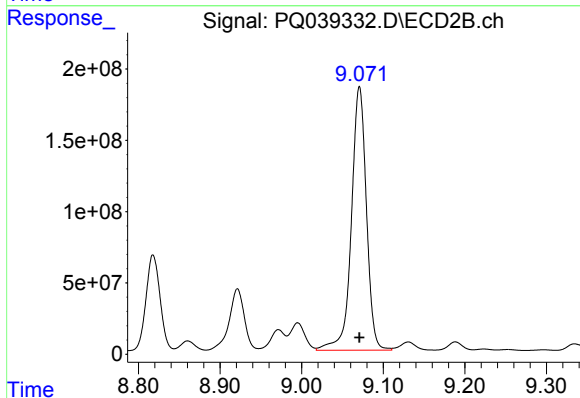
R.T.: 8.544 min  
Delta R.T.: 0.000 min  
Response: 1110796863  
Conc: 4021.12 ng/ml



#37 AR-1262-2

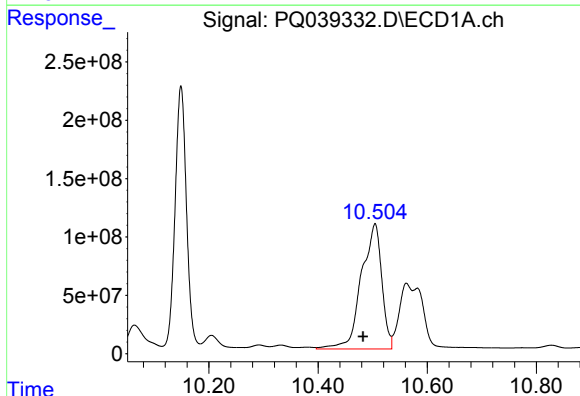
R.T.: 10.149 min  
Delta R.T.: 0.003 min  
Response: 3280497262  
Conc: 5375.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



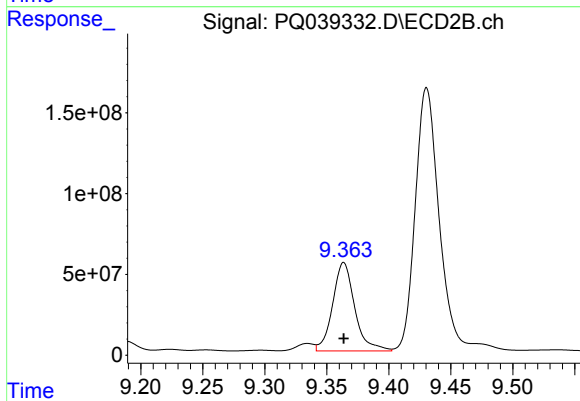
#37 AR-1262-2

R.T.: 9.071 min  
Delta R.T.: 0.000 min  
Response: 2366176534  
Conc: 4835.60 ng/ml



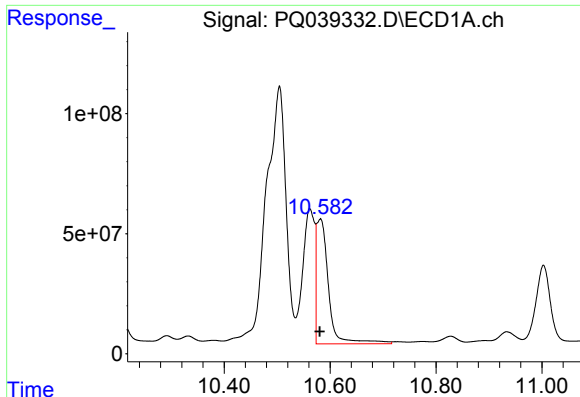
#38 AR-1262-3

R.T.: 10.505 min  
Delta R.T.: 0.022 min  
Response: 2785312377  
Conc: 6612.47 ng/ml



#38 AR-1262-3

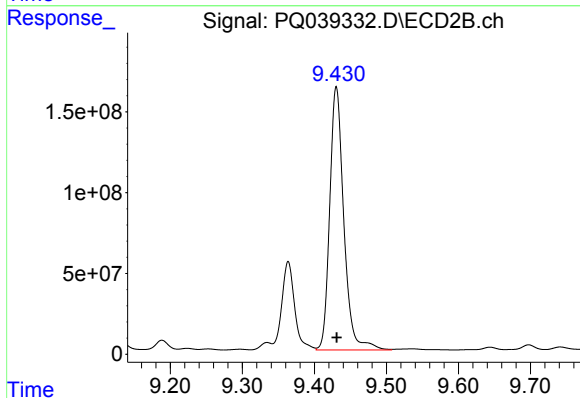
R.T.: 9.364 min  
Delta R.T.: 0.000 min  
Response: 679178769  
Conc: 3645.12 ng/ml



#39 AR-1262-4

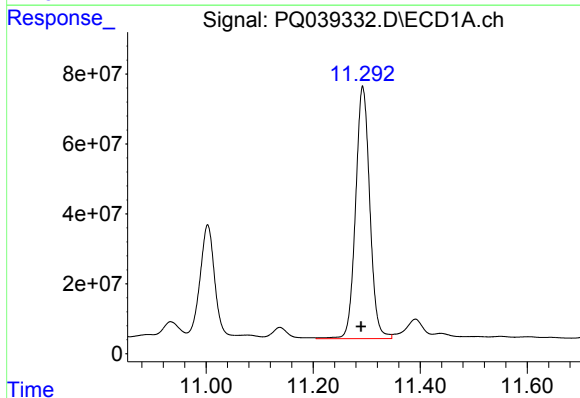
R.T.: 10.582 min  
Delta R.T.: 0.002 min  
Response: 821764800  
Conc: 2407.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



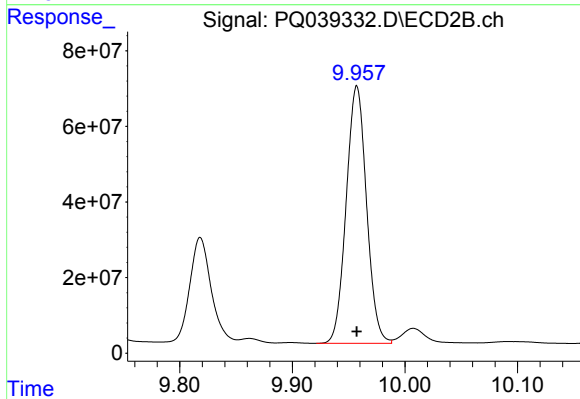
#39 AR-1262-4

R.T.: 9.430 min  
Delta R.T.: 0.000 min  
Response: 2218152531  
Conc: 6164.45 ng/ml



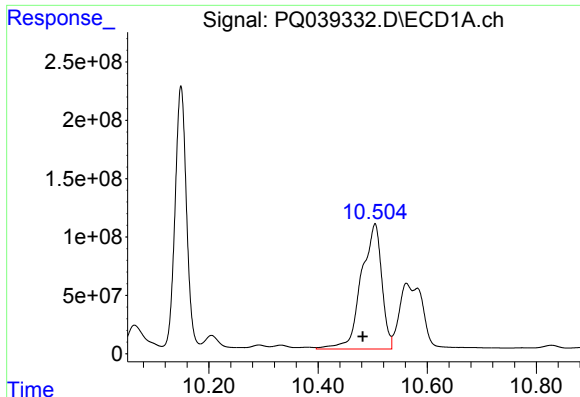
#40 AR-1262-5

R.T.: 11.293 min  
Delta R.T.: 0.003 min  
Response: 1327087894  
Conc: 5903.76 ng/ml



#40 AR-1262-5

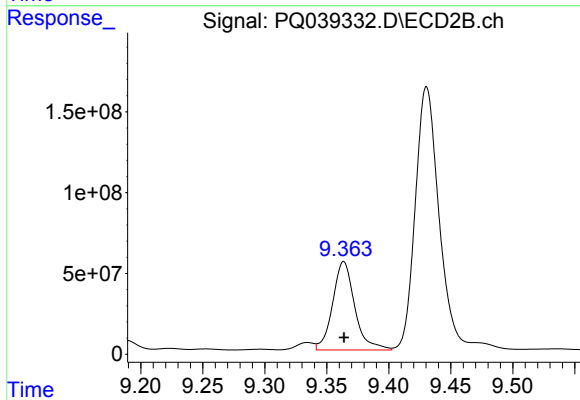
R.T.: 9.957 min  
Delta R.T.: 0.000 min  
Response: 855842642  
Conc: 5654.77 ng/ml



#41 AR-1268-1

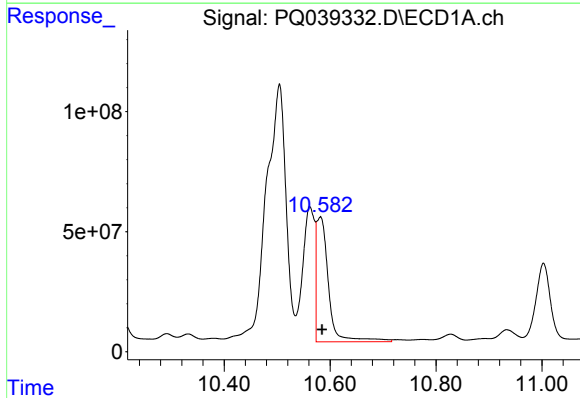
R.T.: 10.505 min  
Delta R.T.: 0.023 min  
Response: 2785312377  
Conc: 2002.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



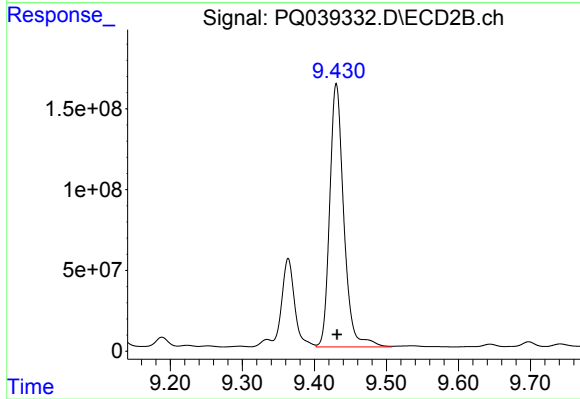
#41 AR-1268-1

R.T.: 9.364 min  
Delta R.T.: 0.000 min  
Response: 679178769  
Conc: 645.65 ng/ml



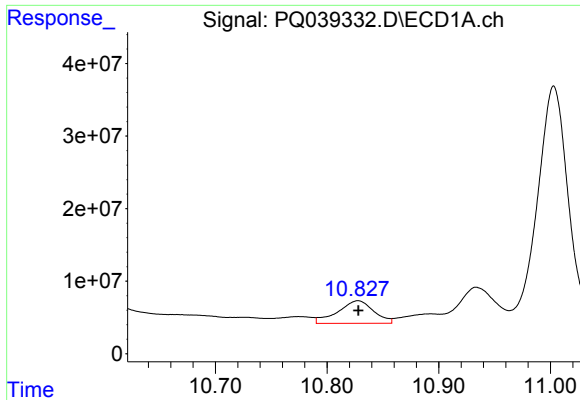
#42 AR-1268-2

R.T.: 10.582 min  
Delta R.T.: -0.003 min  
Response: 821764800  
Conc: 611.91 ng/ml



#42 AR-1268-2

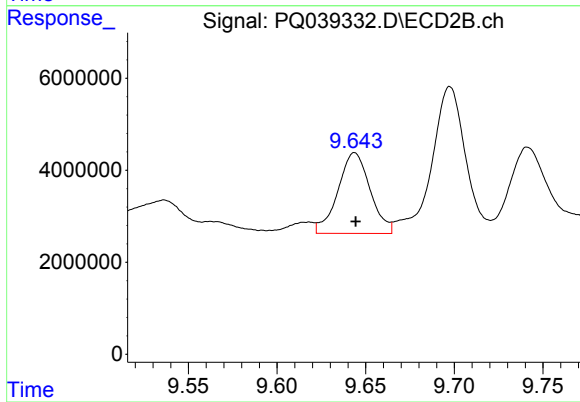
R.T.: 9.430 min  
Delta R.T.: 0.000 min  
Response: 2218152531  
Conc: 2286.19 ng/ml



#43 AR-1268-3

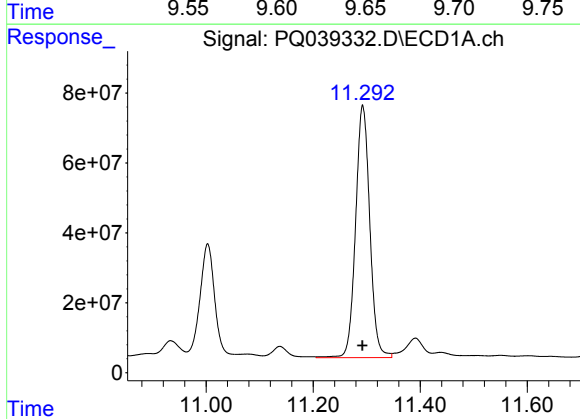
R.T.: 10.828 min  
Delta R.T.: 0.000 min  
Response: 69403731  
Conc: 59.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



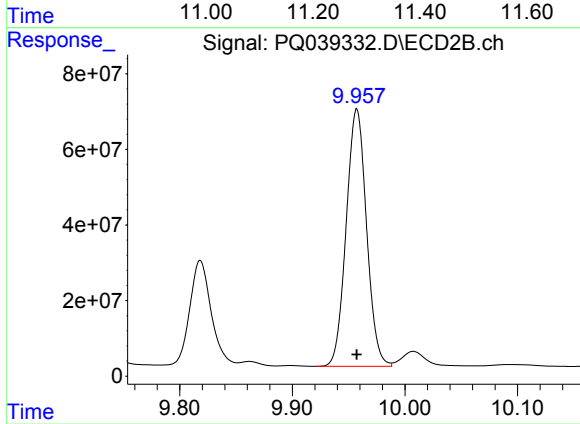
#43 AR-1268-3

R.T.: 9.644 min  
Delta R.T.: 0.000 min  
Response: 22233491  
Conc: 26.97 ng/ml



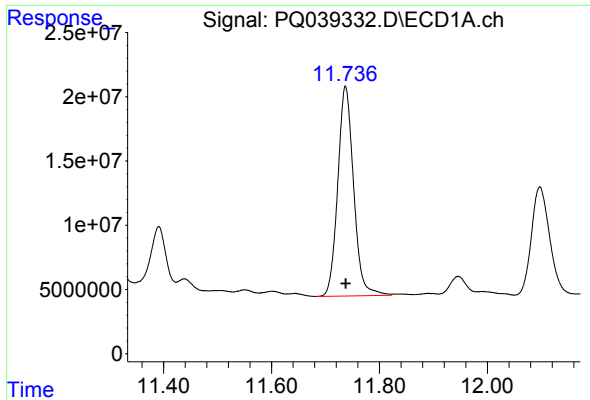
#44 AR-1268-4

R.T.: 11.293 min  
Delta R.T.: 0.000 min  
Response: 1327087894  
Conc: 3099.70 ng/ml



#44 AR-1268-4

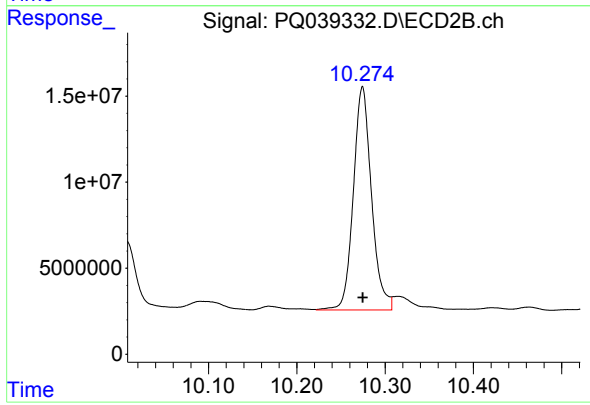
R.T.: 9.957 min  
Delta R.T.: 0.000 min  
Response: 855842642  
Conc: 2861.11 ng/ml



#45 AR-1268-5

R.T.: 11.737 min  
Delta R.T.: 0.000 min  
Response: 332955666  
Conc: 87.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
BFH48



#45 AR-1268-5

R.T.: 10.274 min  
Delta R.T.: 0.000 min  
Response: 185406602  
Conc: 74.71 ng/ml