

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ082319\  
 Data File : PQ042789.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Aug 2019 08:57  
 Operator : SM\AJ  
 Sample : AR1254CCC400  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 23 09:52:42 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ082119CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 21 06:41:55 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... | 5.631  | 4.690  | 71003203 | 64009336 | 23.920   | 25.541    |
| 2)                          | SA Decachlor... | 11.989 | 10.425 | 240.7E6  | 204.3E6  | 31.890   | 33.464    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 5)                          | L1 AR-1016-3    | 0.000  | 6.429  | 0        | 33635251 | N.D.     | 392.284 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 6.429  | 0        | 33635251 | N.D.     | 465.804 # |
| 7)                          | L1 AR-1016-5    | 7.619  | 6.681  | 20196499 | 18813430 | 238.815  | 210.051   |
| 13)                         | L3 AR-1232-3    | 0.000  | 6.429  | 0        | 33635251 | N.D.     | 828.952 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 6.478  | 0        | 10556887 | N.D.     | 265.366 # |
| 15)                         | L3 AR-1232-5    | 7.392  | 6.681  | 33683054 | 18813430 | 1377.123 | 474.425 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 6.429  | 0        | 33635251 | N.D.     | 444.424 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 6.478  | 0        | 10556887 | N.D.     | 137.864 # |
| 20)                         | L4 AR-1242-5    | 8.111  | 7.091  | 21280997 | 100.7E6  | 225.542  | 898.347 # |
| 22)                         | L5 AR-1248-2    | 7.392  | 6.429  | 33683054 | 33635251 | 329.804  | 305.321   |
| 23)                         | L5 AR-1248-3    | 7.619  | 6.478  | 20196499 | 10556887 | 159.154  | 93.676 #  |
| 24)                         | L5 AR-1248-4    | 8.067  | 6.681  | 36213769 | 18813430 | 218.453  | 137.710 # |
| 25)                         | L5 AR-1248-5    | 8.111  | 7.137  | 21280997 | 14108355 | 133.666  | 89.620 #  |
| 26)                         | L6 AR-1254-1    | 8.038  | 7.091  | 67343487 | 100.7E6  | 458.964  | 446.280   |
| 27)                         | L6 AR-1254-2    | 8.276  | 7.259  | 104.5E6  | 87319596 | 435.833  | 431.835   |
| 28)                         | L6 AR-1254-3    | 8.671  | 7.706  | 119.3E6  | 144.3E6  | 418.455  | 409.900   |
| 29)                         | L6 AR-1254-4    | 8.973  | 7.956  | 90525550 | 94075250 | 379.667  | 366.609   |
| 30)                         | L6 AR-1254-5    | 9.412  | 8.402  | 96452015 | 132.8E6  | 373.558  | 365.424   |
| 31)                         | L7 AR-1260-1    | 8.842  | 7.848  | 36767052 | 68886679 | 208.556  | 337.633 # |
| 32)                         | L7 AR-1260-2    | 9.113  | 8.052  | 52061417 | 58206765 | 216.598  | 217.289   |
| 33)                         | L7 AR-1260-3    | 9.476  | 8.215  | 11877147 | 57660289 | 54.935   | 241.902 # |
| 34)                         | L7 AR-1260-4    | 9.720  | 8.713  | 38450246 | 6166907  | 158.344  | 27.202 #  |
| 35)                         | L7 AR-1260-5    | 10.073 | 8.965  | 15909715 | 13660421 | 26.799   | 21.934    |
| 36)                         | L8 AR-1262-1    | 9.548  | 8.475  | 3359449  | 13789206 | 23.307   | 80.553 #  |
| 37)                         | L8 AR-1262-2    | 10.073 | 8.965  | 15909715 | 13660421 | 21.145   | 16.352    |
| 38)                         | L8 AR-1262-3    | 10.424 | 9.324  | 10525400 | 17014525 | 19.571   | 47.870 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 9.324  | 0        | 17014525 | N.D.     | 26.387 #  |
| 41)                         | L9 AR-1268-1    | 10.424 | 9.324  | 10525400 | 17014525 | 11.008   | 16.949 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 9.324  | 0        | 17014525 | N.D.     | 18.120 #  |
| -----                       |                 |        |        |          |          |          |           |

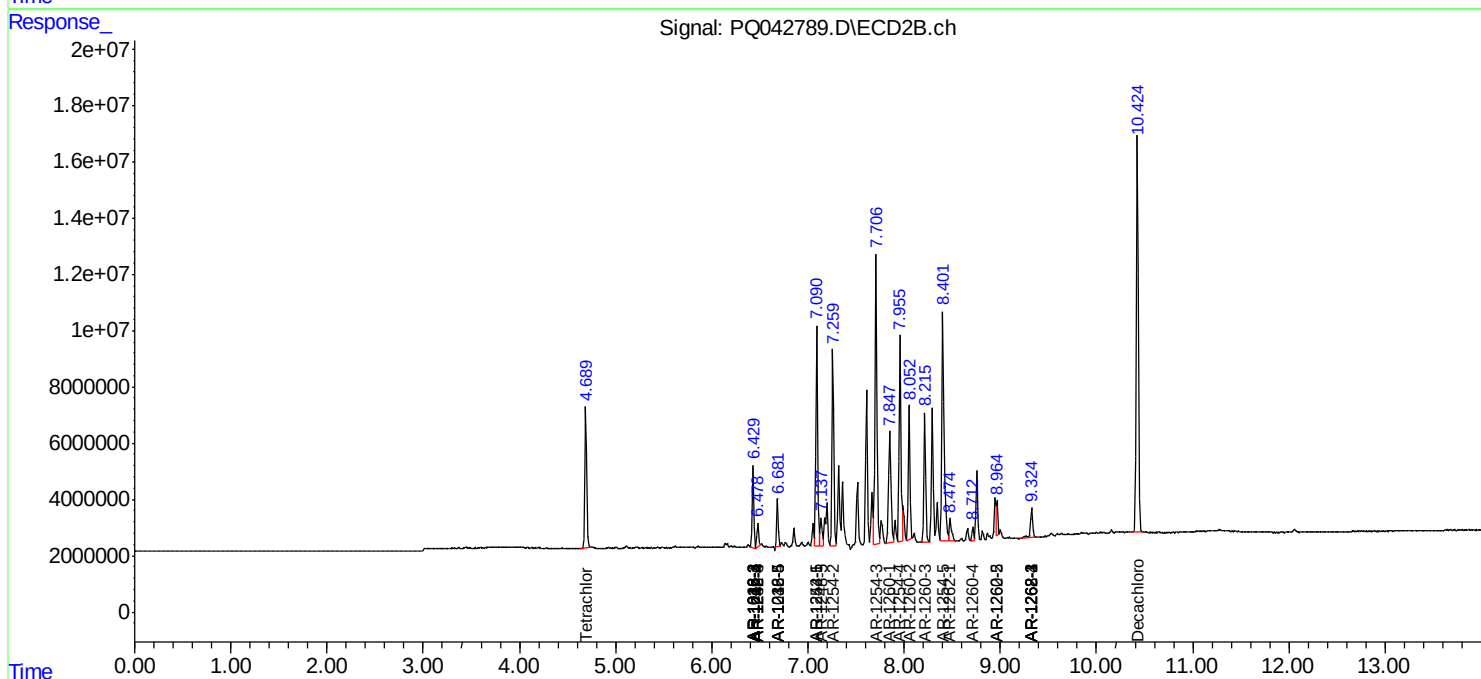
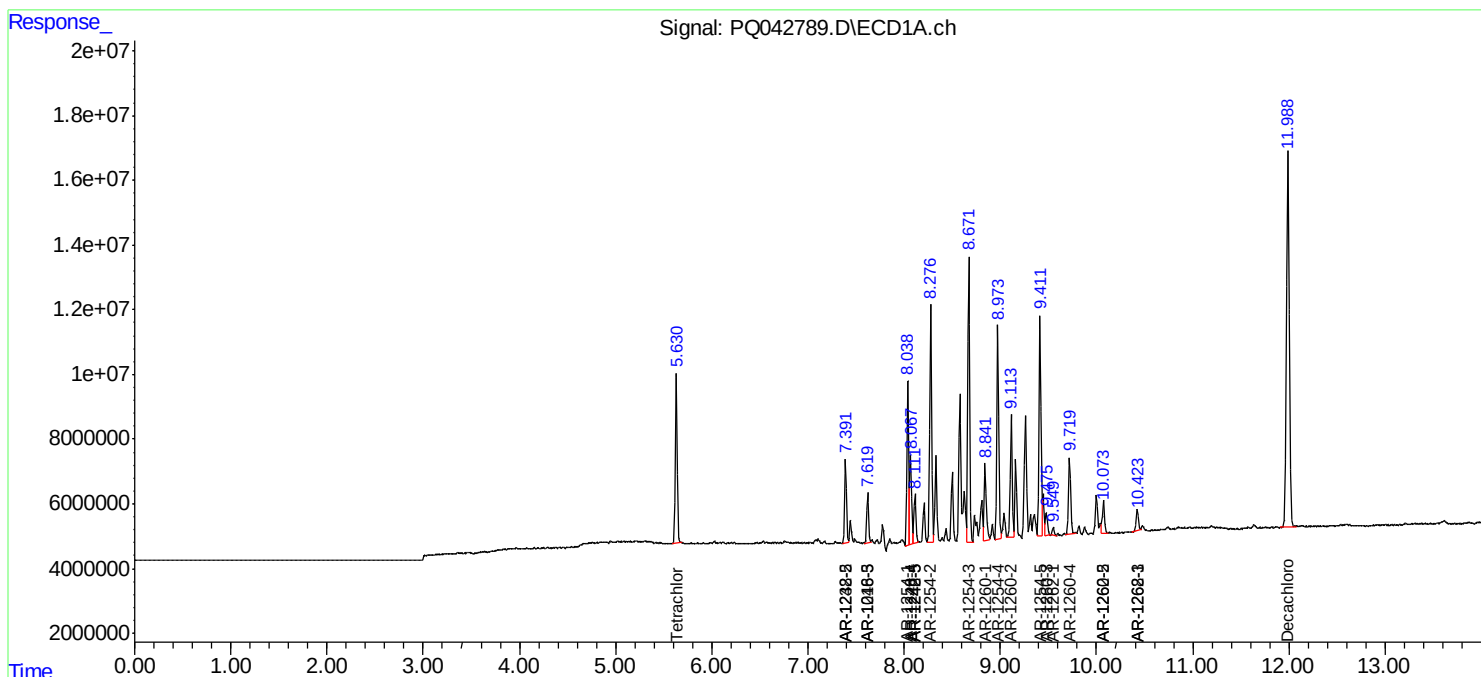
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

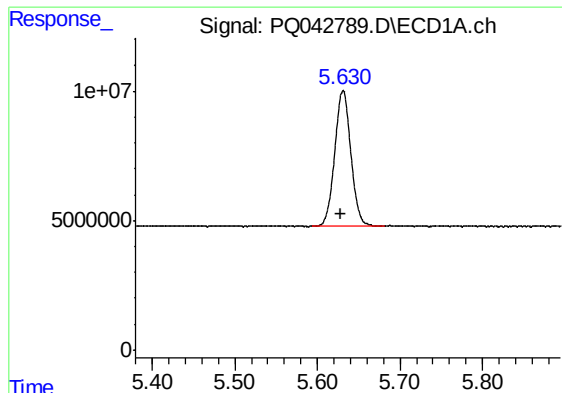
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ082319\  
Data File : PQ042789.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Aug 2019 08:57  
Operator : SM\AJ  
Sample : AR1254CCC400  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 23 09:52:42 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ082119CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 21 06:41:55 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

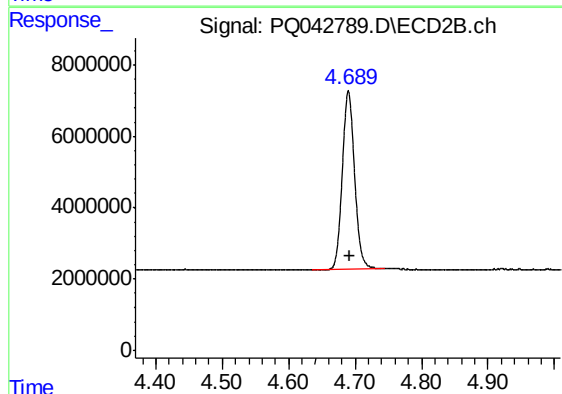




#1 Tetrachloro-m-xylene

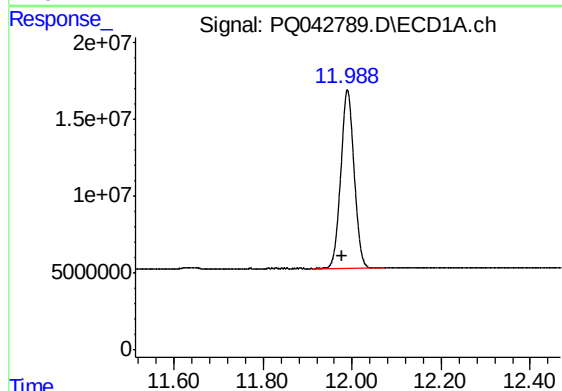
R.T.: 5.631 min  
Delta R.T.: 0.002 min  
Response: 71003203  
Conc: 23.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



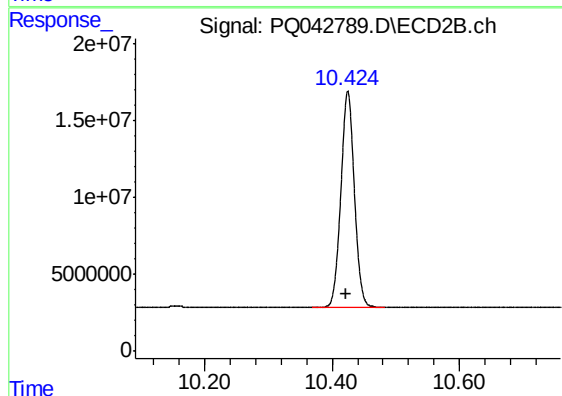
#1 Tetrachloro-m-xylene

R.T.: 4.690 min  
Delta R.T.: -0.002 min  
Response: 64009336  
Conc: 25.54 ng/ml



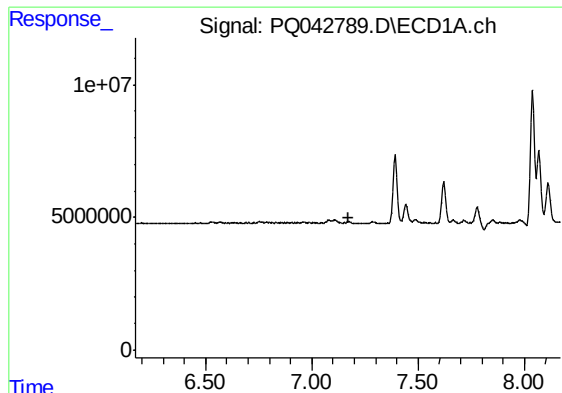
#2 Decachlorobiphenyl

R.T.: 11.989 min  
Delta R.T.: 0.011 min  
Response: 240728735  
Conc: 31.89 ng/ml



#2 Decachlorobiphenyl

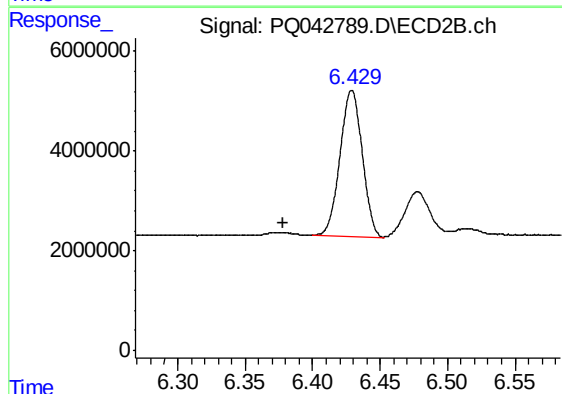
R.T.: 10.425 min  
Delta R.T.: 0.003 min  
Response: 204345533  
Conc: 33.46 ng/ml



#5 AR-1016-3

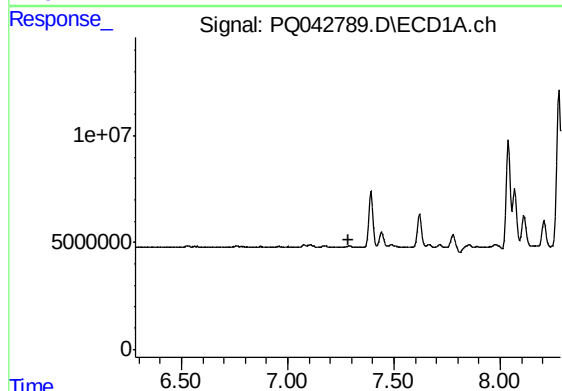
R.T.: 0.000 min  
Exp R.T.: 7.170 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



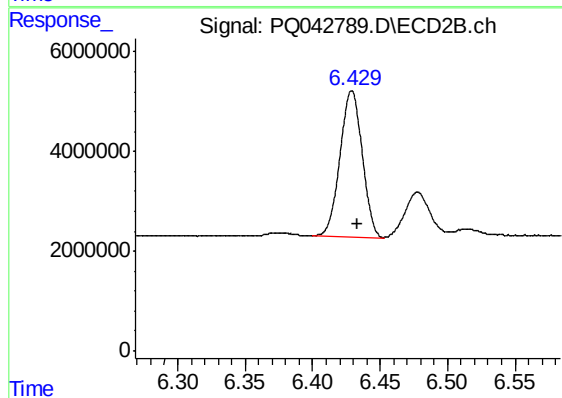
#5 AR-1016-3

R.T.: 6.429 min  
Delta R.T.: 0.051 min  
Response: 33635251  
Conc: 392.28 ng/ml



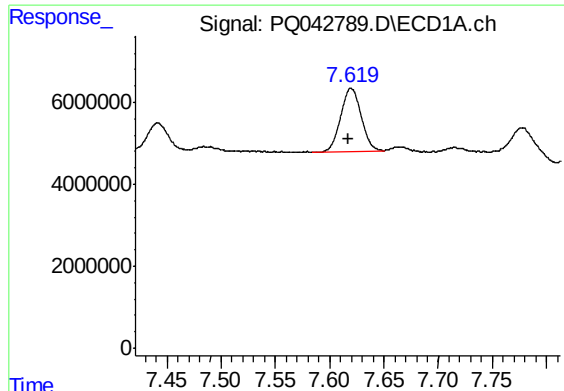
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 7.284 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

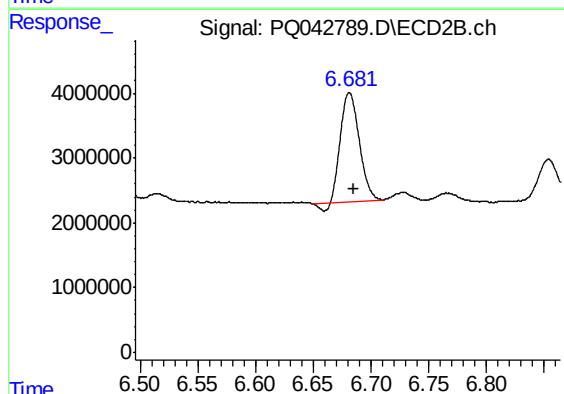
R.T.: 6.429 min  
Delta R.T.: -0.004 min  
Response: 33635251  
Conc: 465.80 ng/ml



#7 AR-1016-5

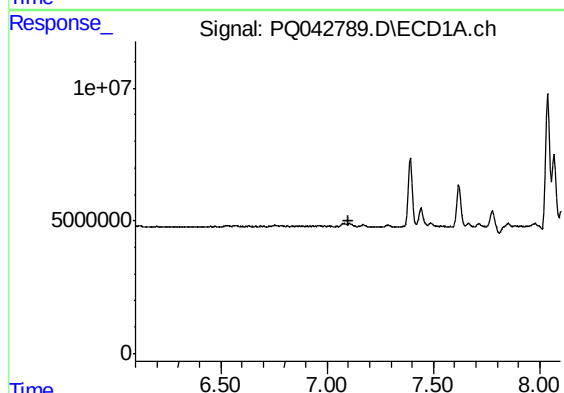
R.T.: 7.619 min  
Delta R.T.: 0.002 min  
Response: 20196499  
Conc: 238.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



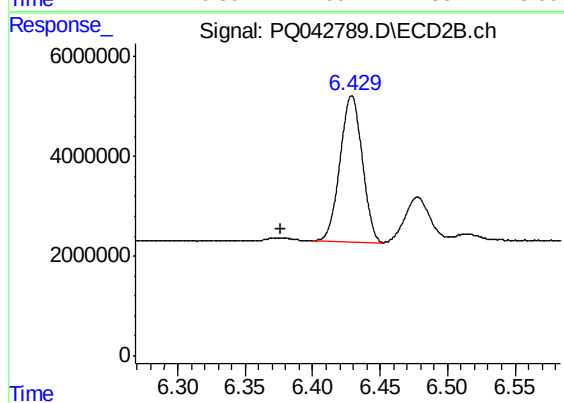
#7 AR-1016-5

R.T.: 6.681 min  
Delta R.T.: -0.004 min  
Response: 18813430  
Conc: 210.05 ng/ml



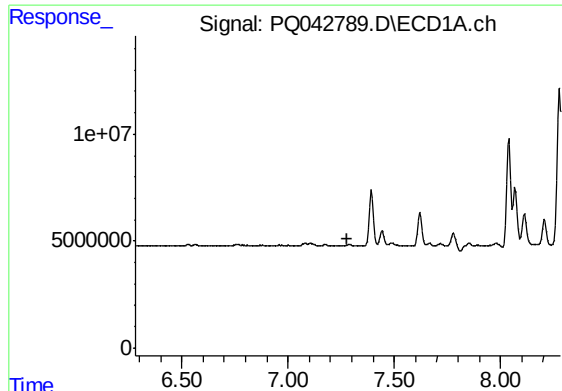
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 7.098 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

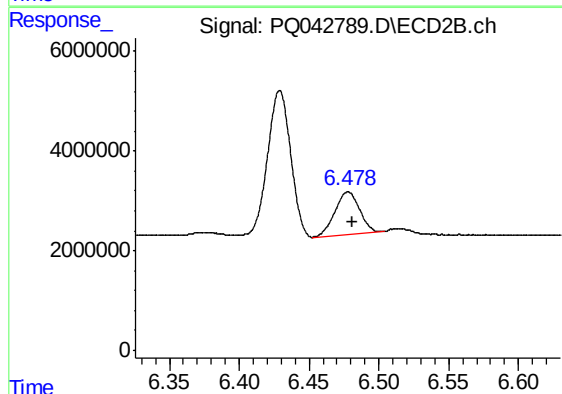
R.T.: 6.429 min  
Delta R.T.: 0.053 min  
Response: 33635251  
Conc: 828.95 ng/ml



#14 AR-1232-4

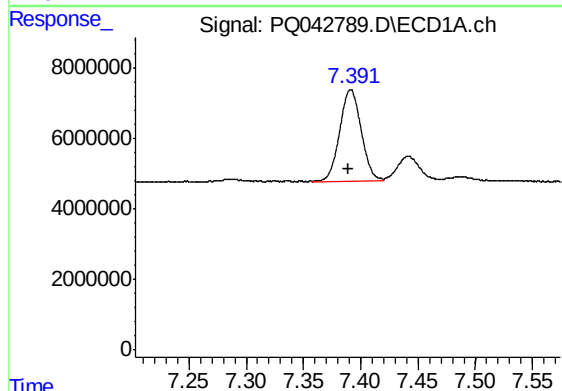
R.T.: 0.000 min  
Exp R.T.: 7.281 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



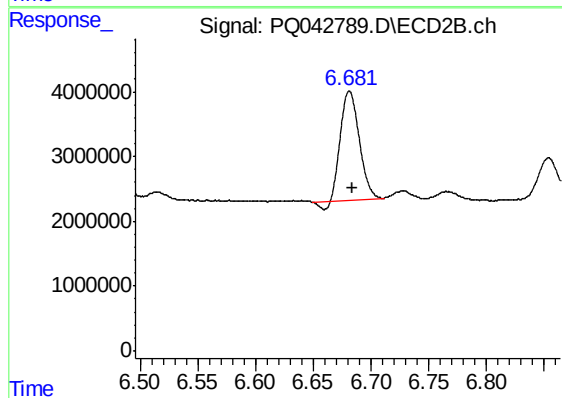
#14 AR-1232-4

R.T.: 6.478 min  
Delta R.T.: -0.003 min  
Response: 10556887  
Conc: 265.37 ng/ml



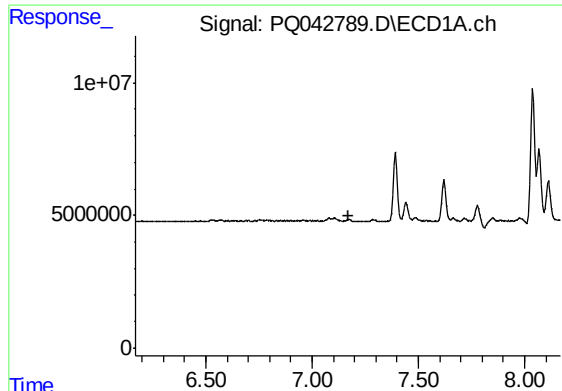
#15 AR-1232-5

R.T.: 7.392 min  
Delta R.T.: 0.002 min  
Response: 33683054  
Conc: 1377.12 ng/ml



#15 AR-1232-5

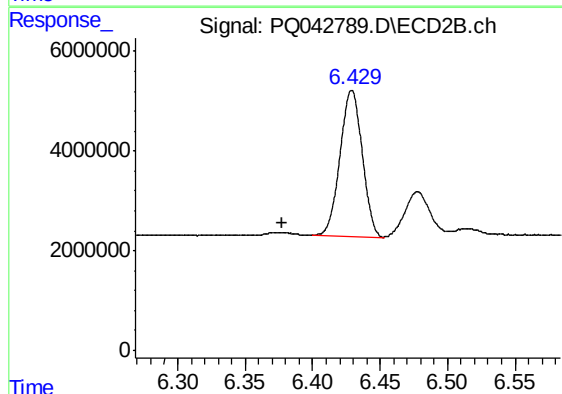
R.T.: 6.681 min  
Delta R.T.: -0.002 min  
Response: 18813430  
Conc: 474.43 ng/ml



#18 AR-1242-3

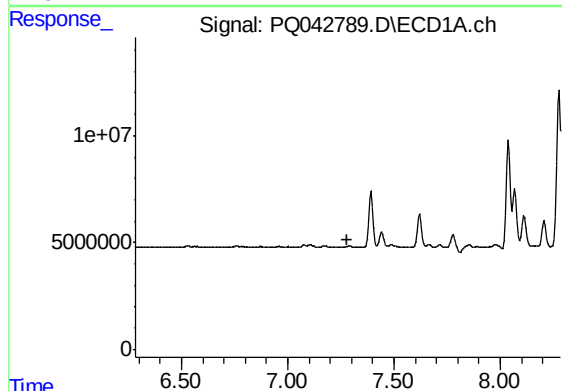
R.T.: 0.000 min  
Exp R.T. : 7.169 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



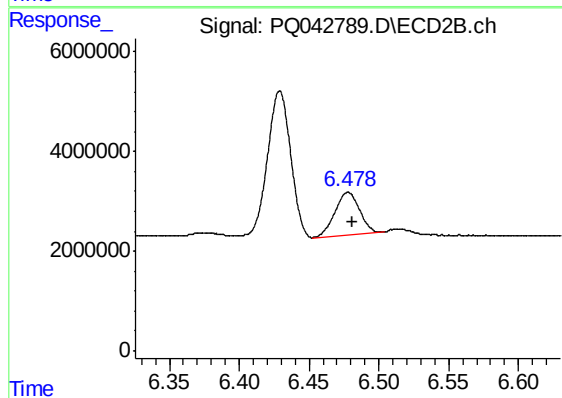
#18 AR-1242-3

R.T.: 6.429 min  
Delta R.T.: 0.052 min  
Response: 33635251  
Conc: 444.42 ng/ml



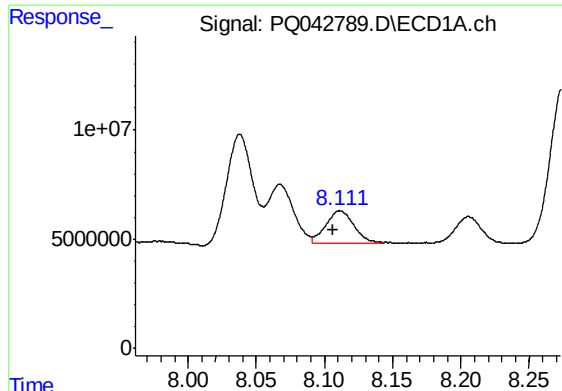
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 7.283 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

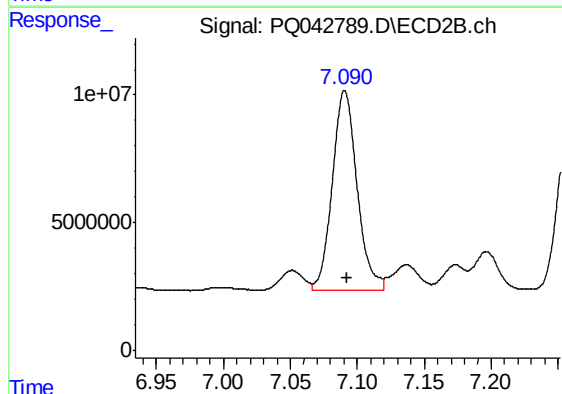
R.T.: 6.478 min  
Delta R.T.: -0.003 min  
Response: 10556887  
Conc: 137.86 ng/ml



#20 AR-1242-5

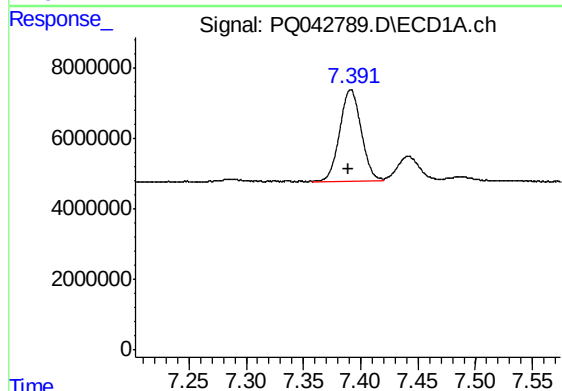
R.T.: 8.111 min  
Delta R.T.: 0.005 min  
Response: 21280997  
Conc: 225.54 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



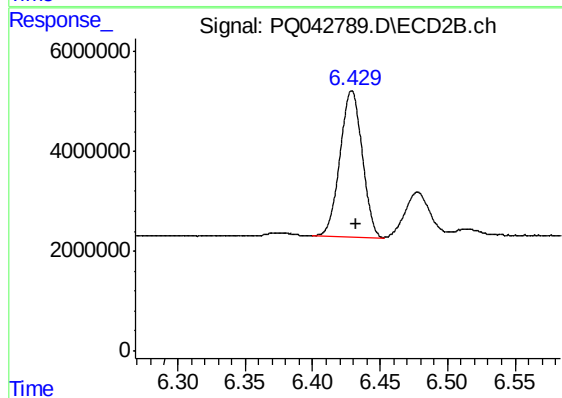
#20 AR-1242-5

R.T.: 7.091 min  
Delta R.T.: -0.002 min  
Response: 100701088  
Conc: 898.35 ng/ml



#22 AR-1248-2

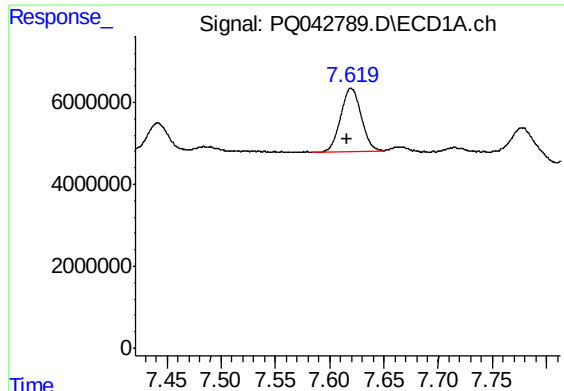
R.T.: 7.392 min  
Delta R.T.: 0.003 min  
Response: 33683054  
Conc: 329.80 ng/ml



#22 AR-1248-2

R.T.: 6.429 min  
Delta R.T.: -0.003 min  
Response: 33635251  
Conc: 305.32 ng/ml

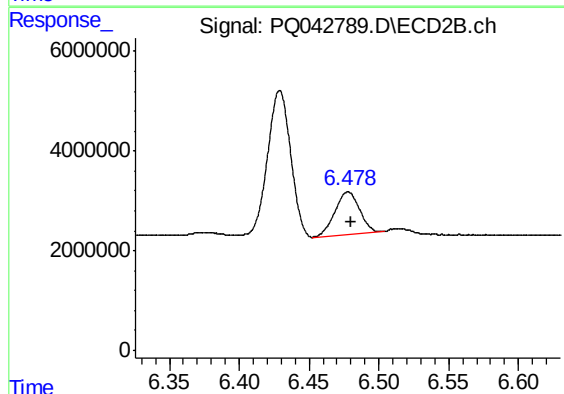




#23 AR-1248-3

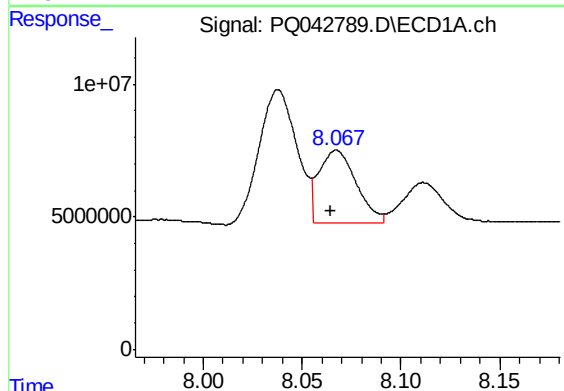
R.T.: 7.619 min  
Delta R.T.: 0.003 min  
Response: 20196499  
Conc: 159.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



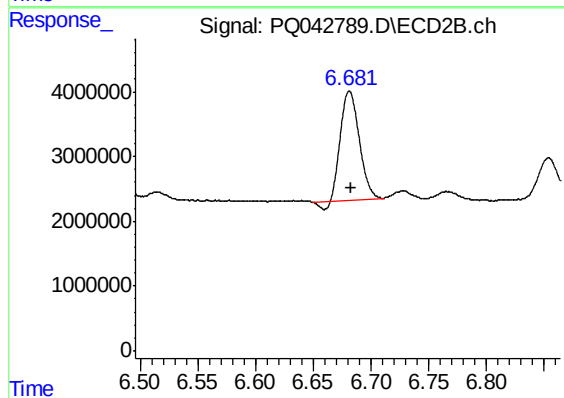
#23 AR-1248-3

R.T.: 6.478 min  
Delta R.T.: -0.002 min  
Response: 10556887  
Conc: 93.68 ng/ml



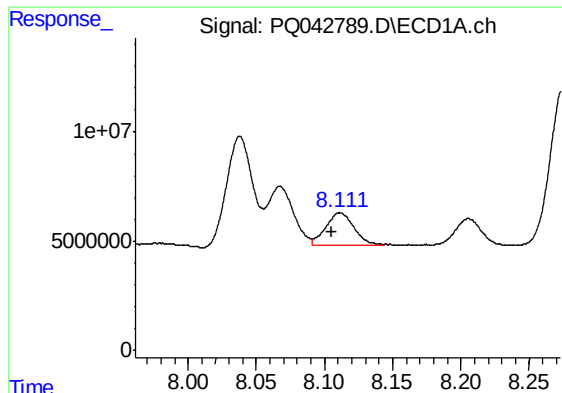
#24 AR-1248-4

R.T.: 8.067 min  
Delta R.T.: 0.003 min  
Response: 36213769  
Conc: 218.45 ng/ml



#24 AR-1248-4

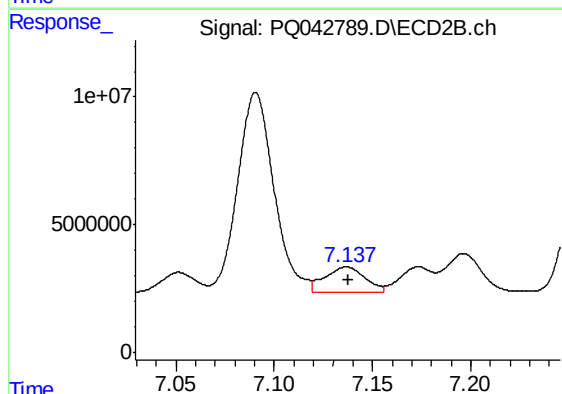
R.T.: 6.681 min  
Delta R.T.: -0.002 min  
Response: 18813430  
Conc: 137.71 ng/ml



#25 AR-1248-5

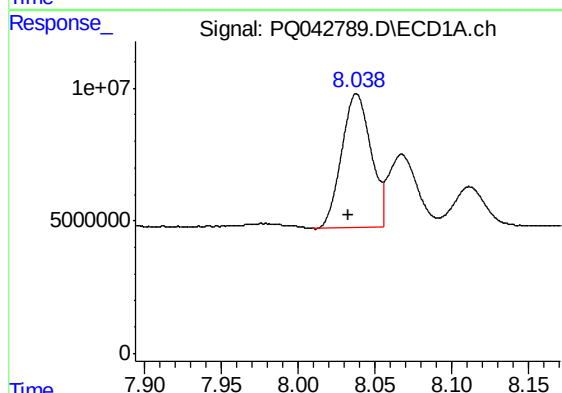
R.T.: 8.111 min  
Delta R.T.: 0.006 min  
Response: 21280997  
Conc: 133.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



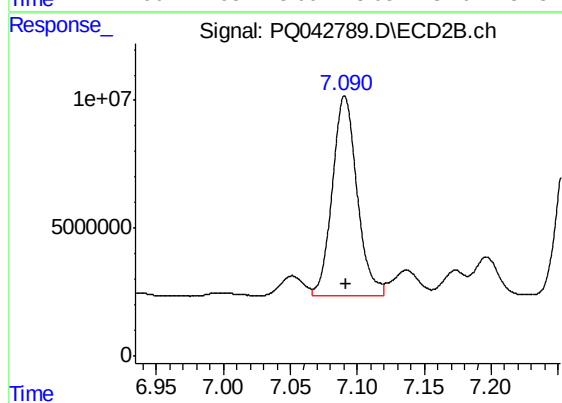
#25 AR-1248-5

R.T.: 7.137 min  
Delta R.T.: -0.001 min  
Response: 14108355  
Conc: 89.62 ng/ml



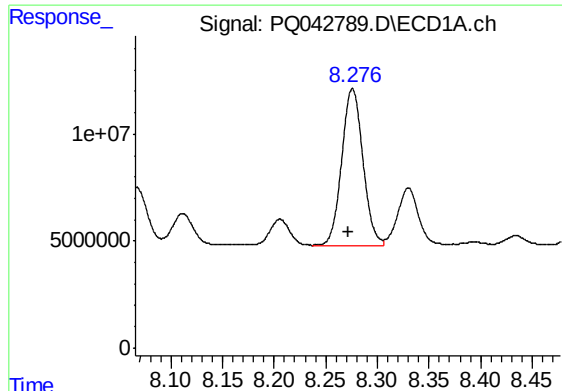
#26 AR-1254-1

R.T.: 8.038 min  
Delta R.T.: 0.005 min  
Response: 67343487  
Conc: 458.96 ng/ml



#26 AR-1254-1

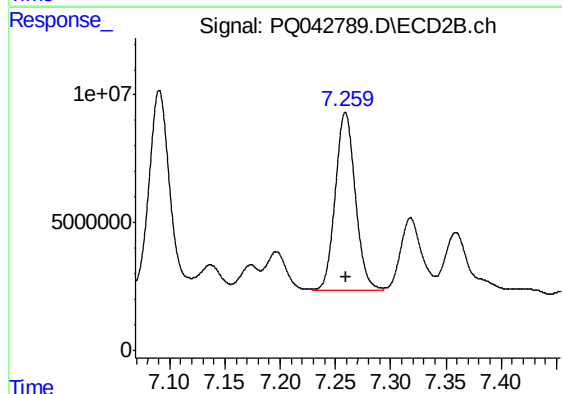
R.T.: 7.091 min  
Delta R.T.: 0.000 min  
Response: 100701088  
Conc: 446.28 ng/ml



#27 AR-1254-2

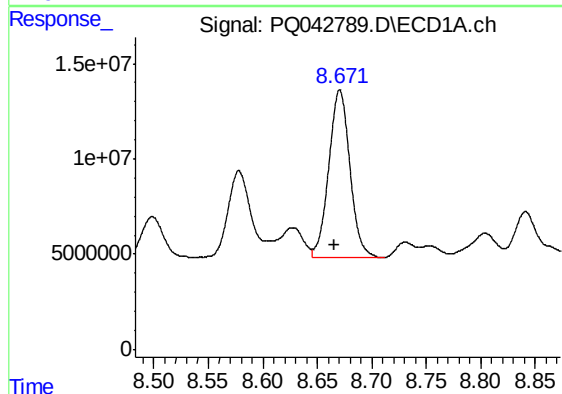
R.T.: 8.276 min  
Delta R.T.: 0.004 min  
Response: 104545322  
Conc: 435.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



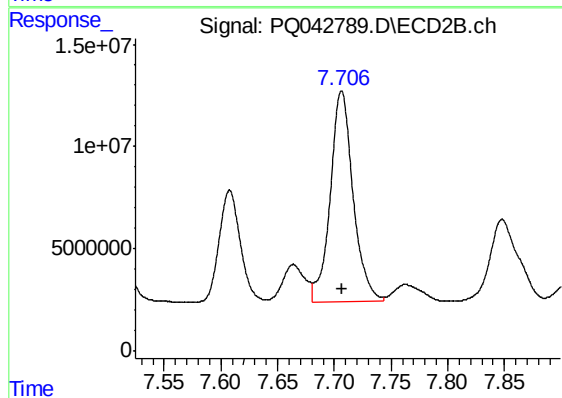
#27 AR-1254-2

R.T.: 7.259 min  
Delta R.T.: -0.001 min  
Response: 87319596  
Conc: 431.84 ng/ml



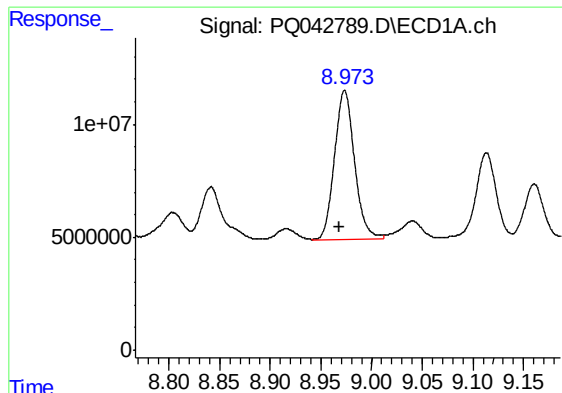
#28 AR-1254-3

R.T.: 8.671 min  
Delta R.T.: 0.005 min  
Response: 119297931  
Conc: 418.46 ng/ml



#28 AR-1254-3

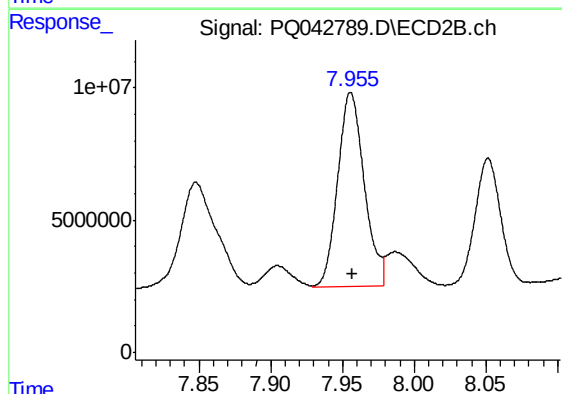
R.T.: 7.706 min  
Delta R.T.: 0.000 min  
Response: 144344011  
Conc: 409.90 ng/ml



#29 AR-1254-4

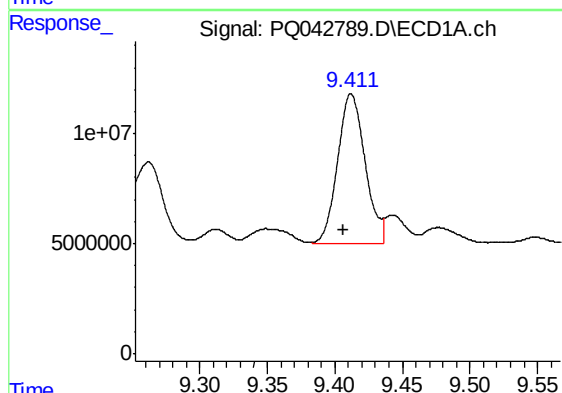
R.T.: 8.973 min  
Delta R.T.: 0.005 min  
Response: 90525550  
Conc: 379.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



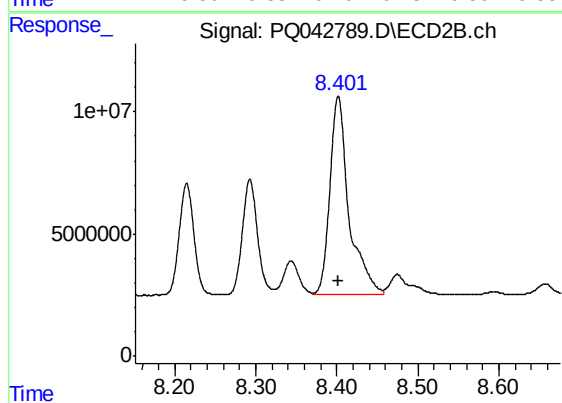
#29 AR-1254-4

R.T.: 7.956 min  
Delta R.T.: 0.000 min  
Response: 94075250  
Conc: 366.61 ng/ml



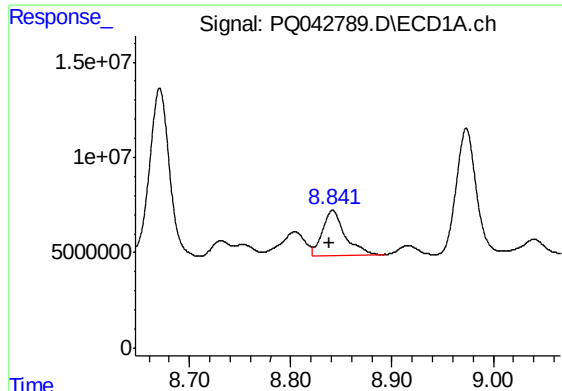
#30 AR-1254-5

R.T.: 9.412 min  
Delta R.T.: 0.006 min  
Response: 96452015  
Conc: 373.56 ng/ml



#30 AR-1254-5

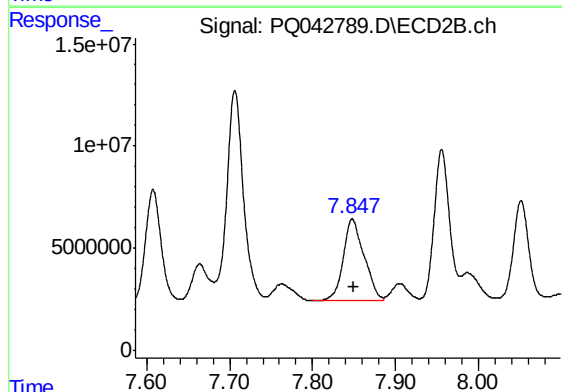
R.T.: 8.402 min  
Delta R.T.: 0.000 min  
Response: 132783568  
Conc: 365.42 ng/ml



#31 AR-1260-1

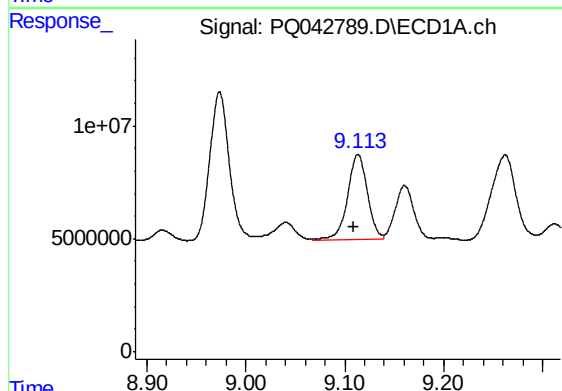
R.T.: 8.842 min  
Delta R.T.: 0.003 min  
Response: 36767052  
Conc: 208.56 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



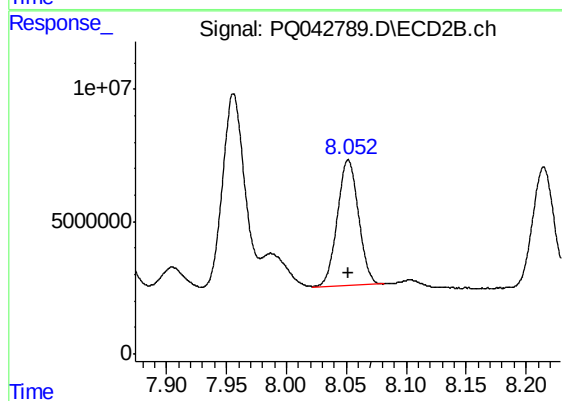
#31 AR-1260-1

R.T.: 7.848 min  
Delta R.T.: -0.002 min  
Response: 68886679  
Conc: 337.63 ng/ml



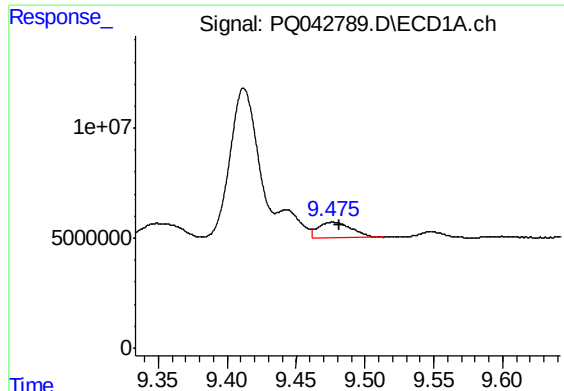
#32 AR-1260-2

R.T.: 9.113 min  
Delta R.T.: 0.004 min  
Response: 52061417  
Conc: 216.60 ng/ml



#32 AR-1260-2

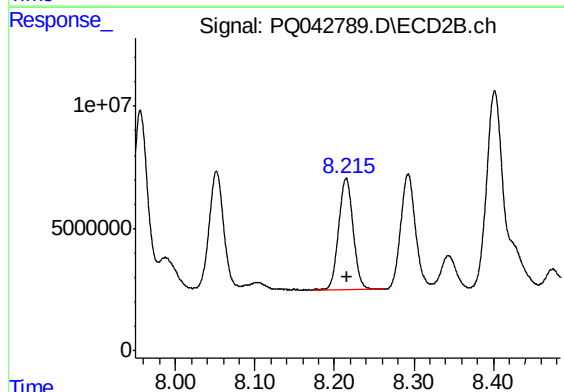
R.T.: 8.052 min  
Delta R.T.: 0.000 min  
Response: 58206765  
Conc: 217.29 ng/ml



#33 AR-1260-3

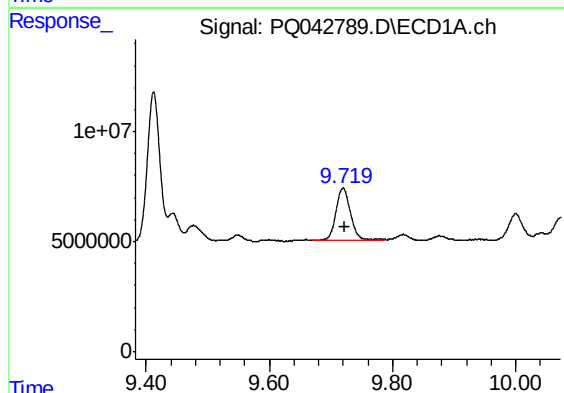
R.T.: 9.476 min  
Delta R.T.: -0.005 min  
Response: 11877147  
Conc: 54.93 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



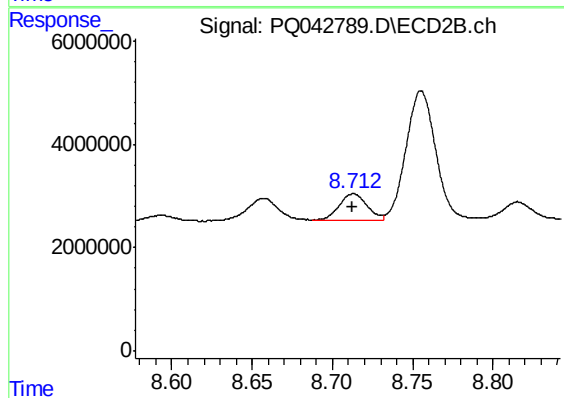
#33 AR-1260-3

R.T.: 8.215 min  
Delta R.T.: 0.000 min  
Response: 57660289  
Conc: 241.90 ng/ml



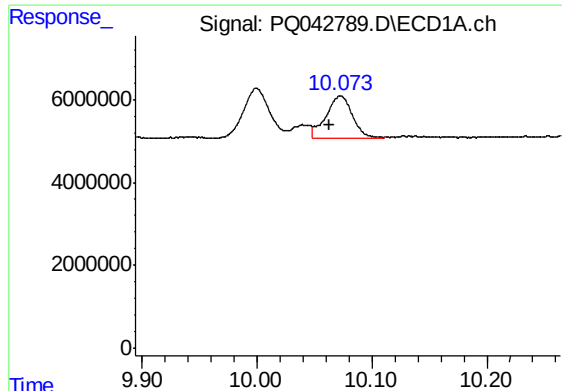
#34 AR-1260-4

R.T.: 9.720 min  
Delta R.T.: -0.002 min  
Response: 38450246  
Conc: 158.34 ng/ml



#34 AR-1260-4

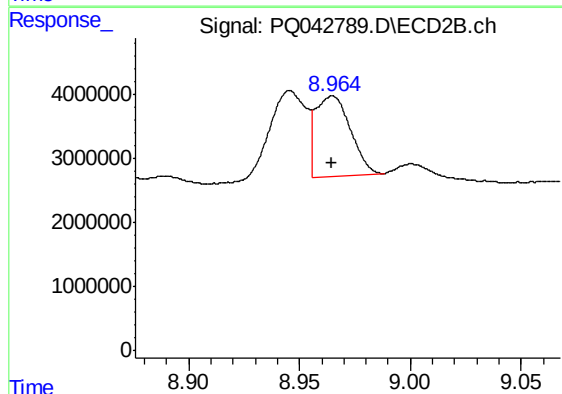
R.T.: 8.713 min  
Delta R.T.: 0.000 min  
Response: 6166907  
Conc: 27.20 ng/ml



#35 AR-1260-5

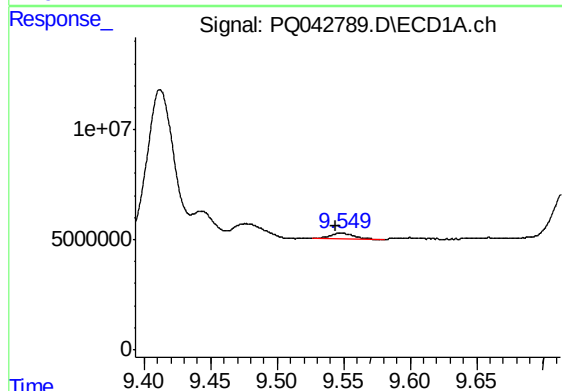
R.T.: 10.073 min  
Delta R.T.: 0.009 min  
Response: 15909715  
Conc: 26.80 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



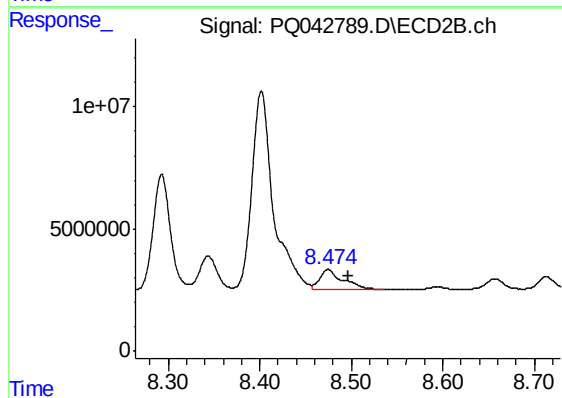
#35 AR-1260-5

R.T.: 8.965 min  
Delta R.T.: 0.000 min  
Response: 13660421  
Conc: 21.93 ng/ml



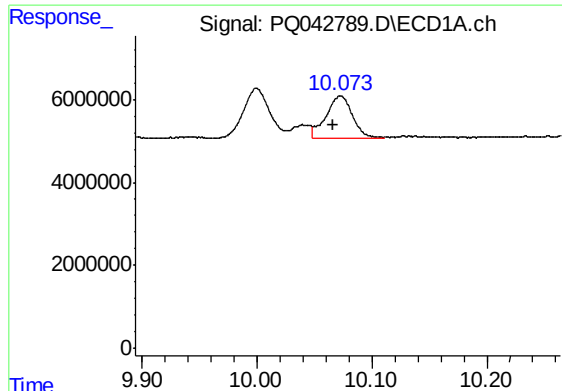
#36 AR-1262-1

R.T.: 9.548 min  
Delta R.T.: 0.005 min  
Response: 3359449  
Conc: 23.31 ng/ml



#36 AR-1262-1

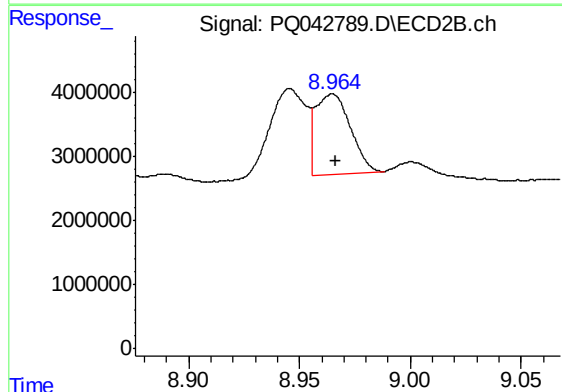
R.T.: 8.475 min  
Delta R.T.: -0.022 min  
Response: 13789206  
Conc: 80.55 ng/ml



#37 AR-1262-2

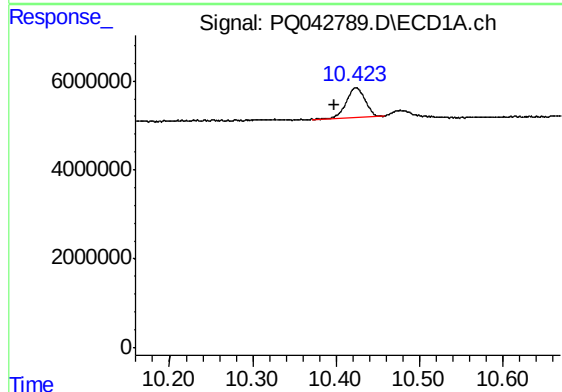
R.T.: 10.073 min  
Delta R.T.: 0.006 min  
Response: 15909715  
Conc: 21.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



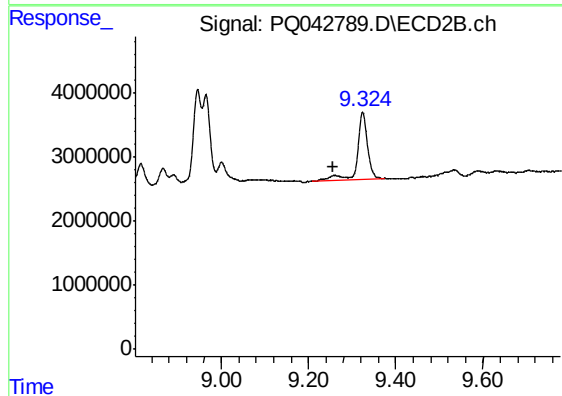
#37 AR-1262-2

R.T.: 8.965 min  
Delta R.T.: -0.001 min  
Response: 13660421  
Conc: 16.35 ng/ml



#38 AR-1262-3

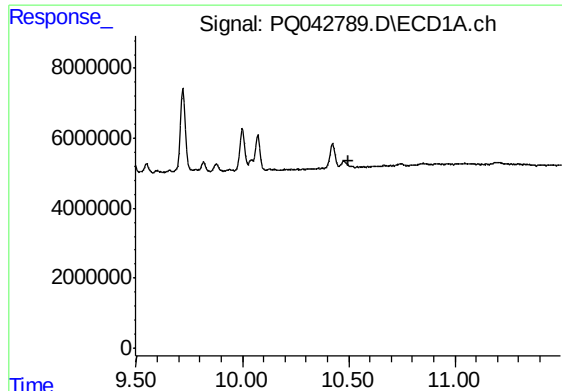
R.T.: 10.424 min  
Delta R.T.: 0.026 min  
Response: 10525400  
Conc: 19.57 ng/ml



#38 AR-1262-3

R.T.: 9.324 min  
Delta R.T.: 0.066 min  
Response: 17014525  
Conc: 47.87 ng/ml

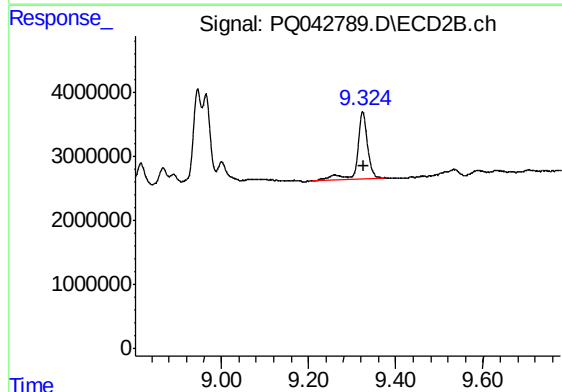




#39 AR-1262-4

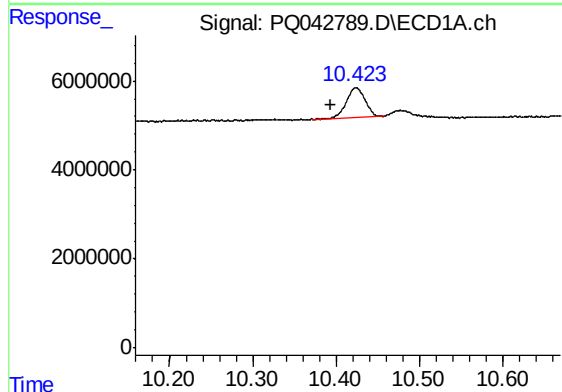
R.T.: 0.000 min  
Exp R.T.: 10.497 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



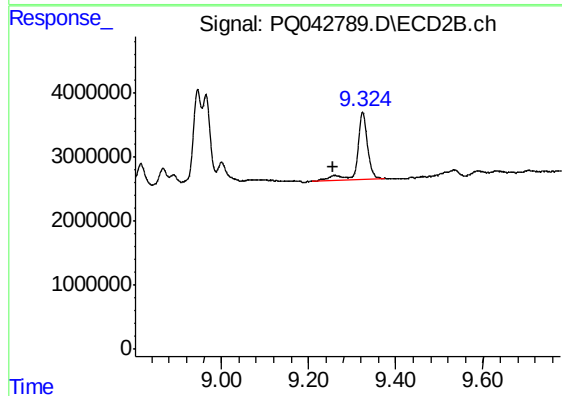
#39 AR-1262-4

R.T.: 9.324 min  
Delta R.T.: -0.001 min  
Response: 17014525  
Conc: 26.39 ng/ml



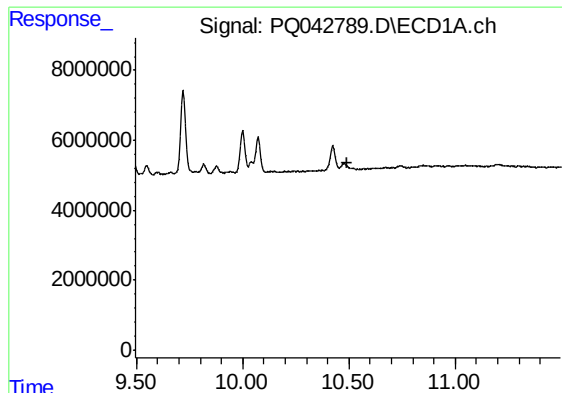
#41 AR-1268-1

R.T.: 10.424 min  
Delta R.T.: 0.030 min  
Response: 10525400  
Conc: 11.01 ng/ml



#41 AR-1268-1

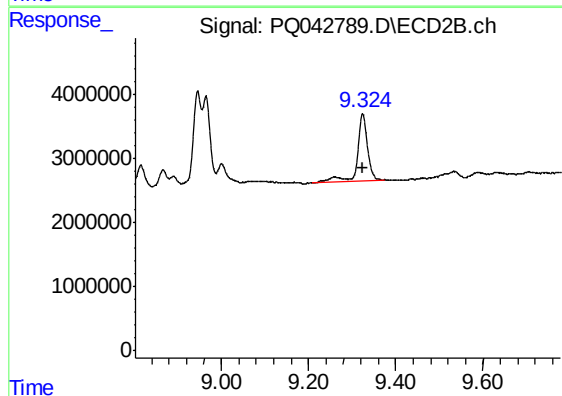
R.T.: 9.324 min  
Delta R.T.: 0.067 min  
Response: 17014525  
Conc: 16.95 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 10.495 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



#42 AR-1268-2

R.T.: 9.324 min  
Delta R.T.: 0.000 min  
Response: 17014525  
Conc: 18.12 ng/ml