

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101119\  
 Data File : PQ044313.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Oct 2019 21:15  
 Operator : HP\AJ  
 Sample : AR1248CCC400  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 AR1248316

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 14 01:35:56 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ100819CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Oct 10 02:55:10 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... | 5.324  | 4.358 | 78372276 | 97210941 | 20.159   | 21.777     |
| 2)                          | SA Decachlor... | 11.609 | 9.800 | 216.1E6  | 256.3E6  | 40.333   | 42.857     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 3)                          | L1 AR-1016-1    | 6.644  | 5.638 | 33440837 | 39837210 | 294.669  | 290.416    |
| 4)                          | L1 AR-1016-2    | 6.669  | 5.658 | 40183899 | 45698754 | 249.079  | 206.381    |
| 5)                          | L1 AR-1016-3    | 6.736  | 5.857 | 20724029 | 28504416 | 203.604  | 273.144 #  |
| 6)                          | L1 AR-1016-4    | 6.842  | 5.903 | 21467002 | 60052330 | 259.804  | 642.586 #  |
| 7)                          | L1 AR-1016-5    | 7.160  | 6.138 | 49557454 | 83115081 | 655.212  | 679.712    |
| 9)                          | L2 AR-1221-2    | 5.674  | 0.000 | 2047365  | 0        | 70.242   | N.D. #     |
| 10)                         | L2 AR-1221-3    | 5.756  | 4.813 | 4960527  | 4502734  | 50.995   | 42.878     |
| 11)                         | L3 AR-1232-1    | 5.756  | 4.813 | 4960527  | 4502734  | 59.113   | 48.657     |
| 12)                         | L3 AR-1232-2    | 6.350  | 5.658 | 15159987 | 45698754 | 390.269  | 433.288    |
| 13)                         | L3 AR-1232-3    | 6.669  | 5.857 | 40183899 | 28504416 | 523.799  | 576.803    |
| 14)                         | L3 AR-1232-4    | 6.842  | 5.948 | 21467002 | 63324333 | 565.949  | 1342.711 # |
| 15)                         | L3 AR-1232-5    | 6.940  | 6.138 | 45418795 | 83115081 | 1610.859 | 1520.487   |
| 16)                         | L4 AR-1242-1    | 6.644  | 5.638 | 33440837 | 39837210 | 342.528  | 336.105    |
| 17)                         | L4 AR-1242-2    | 6.669  | 5.658 | 40183899 | 45698754 | 288.896  | 242.234    |
| 18)                         | L4 AR-1242-3    | 6.736  | 5.857 | 20724029 | 28504416 | 233.188  | 308.194 #  |
| 19)                         | L4 AR-1242-4    | 6.842  | 5.948 | 21467002 | 63324333 | 300.530  | 644.271 #  |
| 20)                         | L4 AR-1242-5    | 7.631  | 6.521 | 55833194 | 120.1E6  | 734.406  | 942.566 #  |
| 21)                         | L5 AR-1248-1    | 6.644  | 5.638 | 33440837 | 39837210 | 455.741  | 439.937    |
| 22)                         | L5 AR-1248-2    | 6.940  | 5.903 | 45418795 | 60052330 | 458.497  | 433.261    |
| 23)                         | L5 AR-1248-3    | 7.160  | 5.948 | 49557454 | 63324333 | 458.871  | 447.758    |
| 24)                         | L5 AR-1248-4    | 7.590  | 6.138 | 57818902 | 83115081 | 459.238  | 483.888    |
| 25)                         | L5 AR-1248-5    | 7.631  | 6.565 | 55833194 | 83459926 | 461.133  | 498.508    |
| 26)                         | L6 AR-1254-1    | 7.560  | 6.521 | 44364079 | 120.1E6  | 329.703  | 411.794    |
| 27)                         | L6 AR-1254-2    | 7.797  | 6.679 | 58522030 | 43855882 | 273.947  | 167.967 #  |
| 28)                         | L6 AR-1254-3    | 8.176  | 7.108 | 34741732 | 54929254 | 141.199  | 125.723    |
| 29)                         | L6 AR-1254-4    | 8.473  | 7.347 | 25526125 | 36946119 | 127.275  | 137.538    |
| 30)                         | L6 AR-1254-5    | 8.908  | 7.781 | 9592907  | 14175414 | 40.080   | 35.451     |
| 31)                         | L7 AR-1260-1    | 8.348  | 7.262 | 5103900  | 26320522 | 33.905   | 108.251 #  |
| 32)                         | L7 AR-1260-2    | 8.608  | 7.439 | 6894001  | 6364477  | 35.029   | 21.085 #   |
| 33)                         | L7 AR-1260-3    | 8.980  | 7.601 | 2056702  | 7031007  | 12.828   | 24.984 #   |
| 34)                         | L7 AR-1260-4    | 9.224  | 8.129 | 4564516  | 3600866  | 23.377   | 14.314 #   |
| 35)                         | L7 AR-1260-5    | 9.586  | 8.334 | 3558763  | 5658466  | 7.784    | 8.829      |
| 36)                         | L8 AR-1262-1    | 8.980  | 7.781 | 2056702  | 14175414 | 18.937   | 72.639 #   |
| 37)                         | L8 AR-1262-2    | 9.586  | 8.334 | 3558763  | 5658466  | 6.180    | 7.152      |
| -----                       |                 |        |       |          |          |          |            |

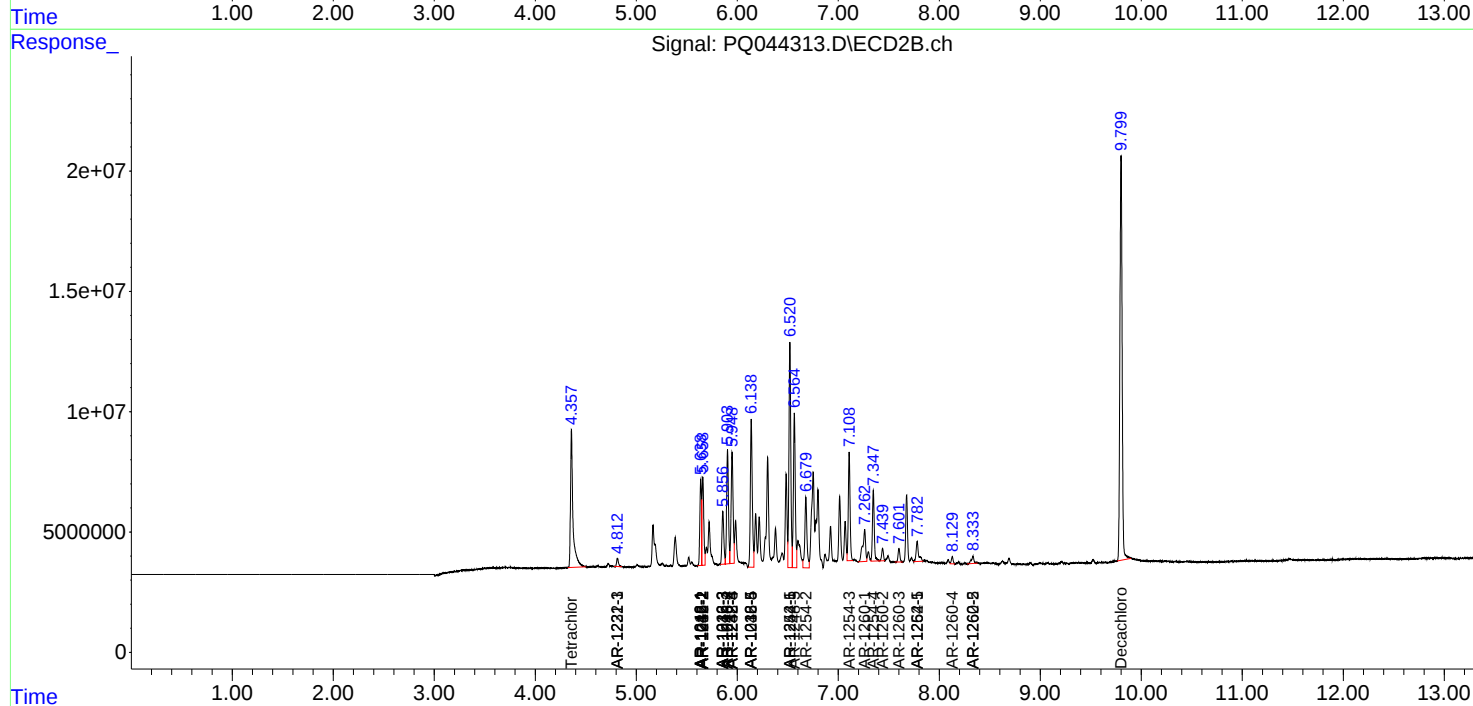
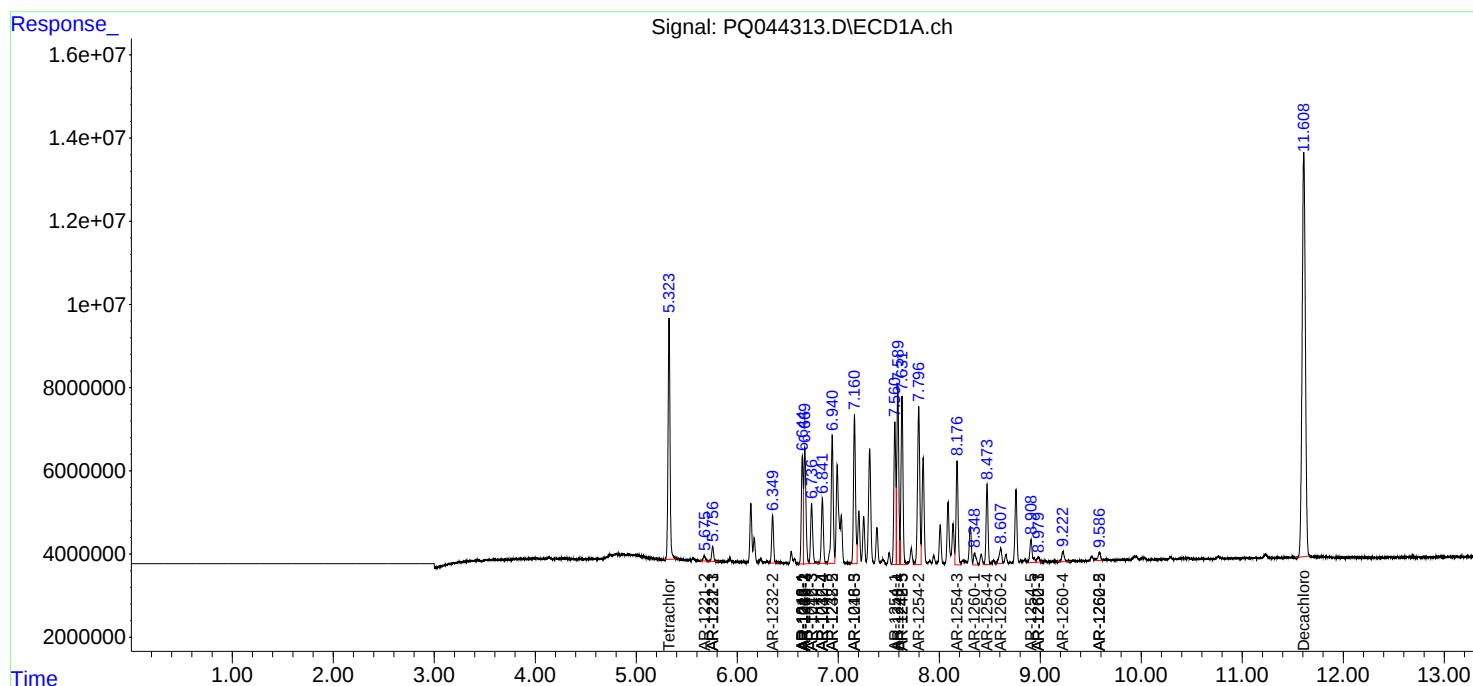
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

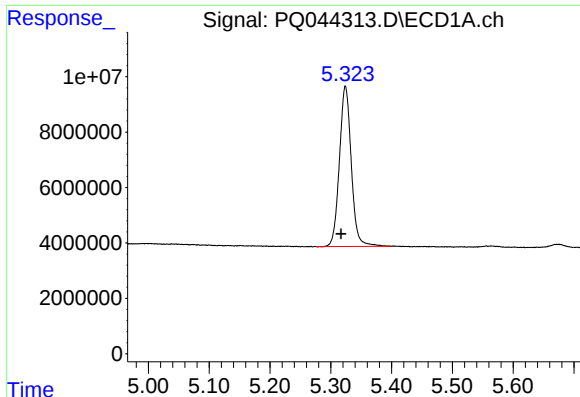
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ101119\  
Data File : PQ044313.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Oct 2019 21:15  
Operator : HP\AJ  
Sample : AR1248CCC400  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 14 01:35:56 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ100819CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Oct 10 02:55:10 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

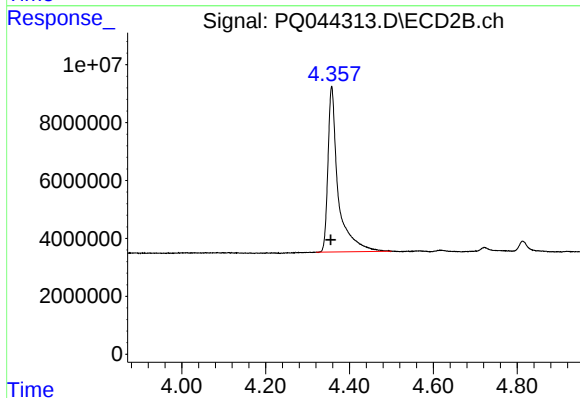




#1 Tetrachloro-m-xylene

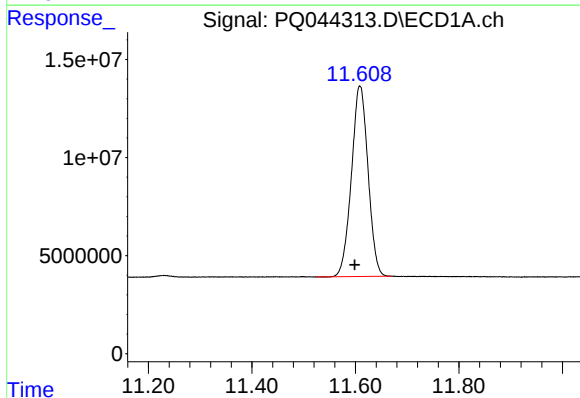
R.T.: 5.324 min  
Delta R.T.: 0.007 min  
Response: 78372276  
Conc: 20.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



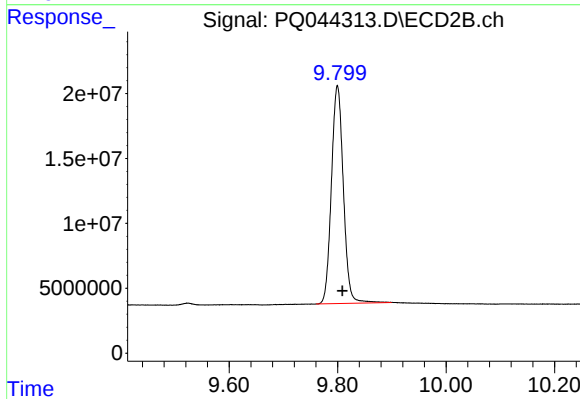
#1 Tetrachloro-m-xylene

R.T.: 4.358 min  
Delta R.T.: 0.003 min  
Response: 97210941  
Conc: 21.78 ng/ml



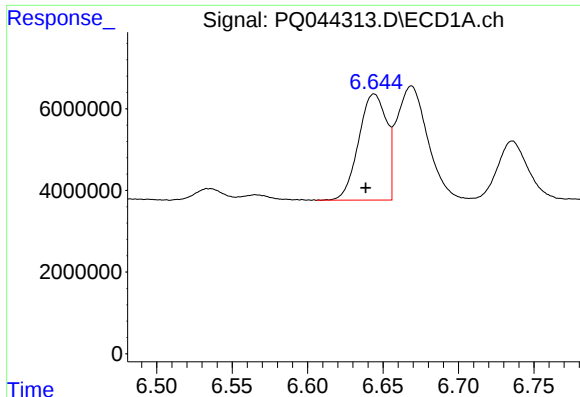
#2 Decachlorobiphenyl

R.T.: 11.609 min  
Delta R.T.: 0.010 min  
Response: 216085781  
Conc: 40.33 ng/ml



#2 Decachlorobiphenyl

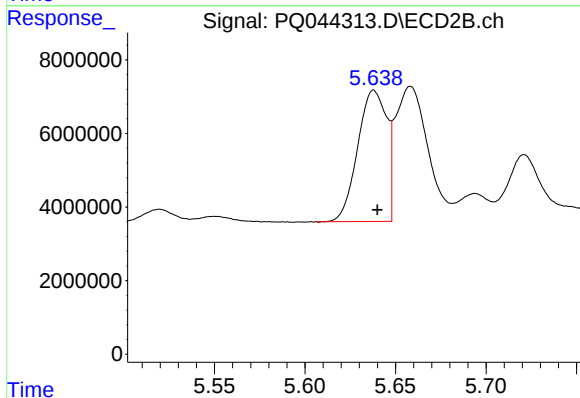
R.T.: 9.800 min  
Delta R.T.: -0.009 min  
Response: 256344040  
Conc: 42.86 ng/ml



#3 AR-1016-1

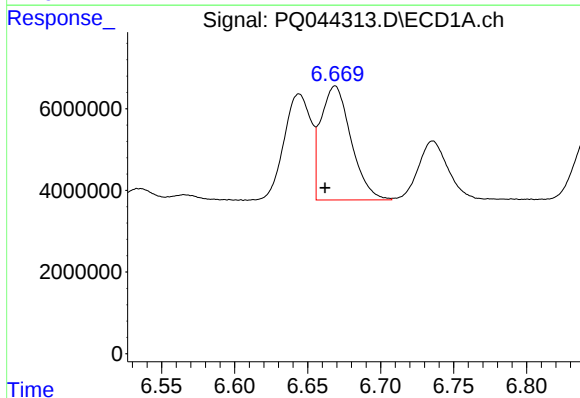
R.T.: 6.644 min  
Delta R.T.: 0.006 min  
Response: 33440837  
Conc: 294.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



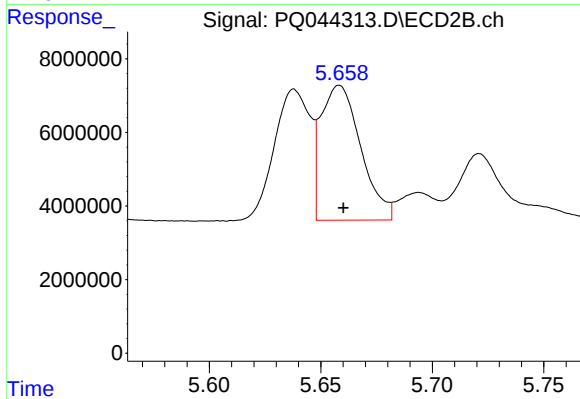
#3 AR-1016-1

R.T.: 5.638 min  
Delta R.T.: -0.002 min  
Response: 39837210  
Conc: 290.42 ng/ml



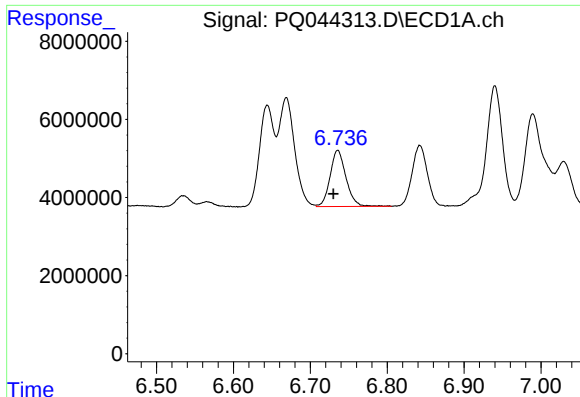
#4 AR-1016-2

R.T.: 6.669 min  
Delta R.T.: 0.007 min  
Response: 40183899  
Conc: 249.08 ng/ml



#4 AR-1016-2

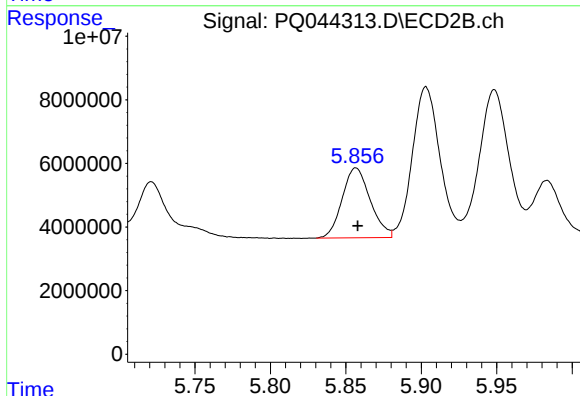
R.T.: 5.658 min  
Delta R.T.: -0.002 min  
Response: 45698754  
Conc: 206.38 ng/ml



#5 AR-1016-3

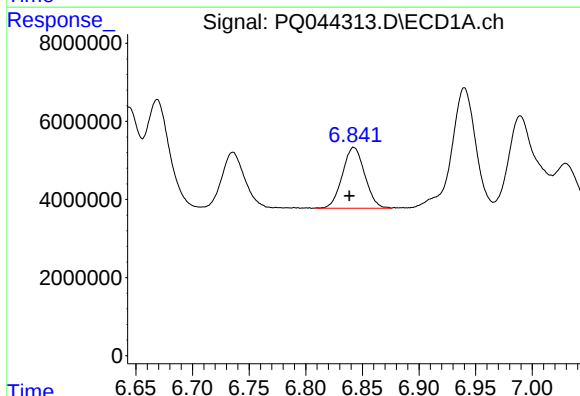
R.T.: 6.736 min  
Delta R.T.: 0.005 min  
Response: 20724029  
Conc: 203.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



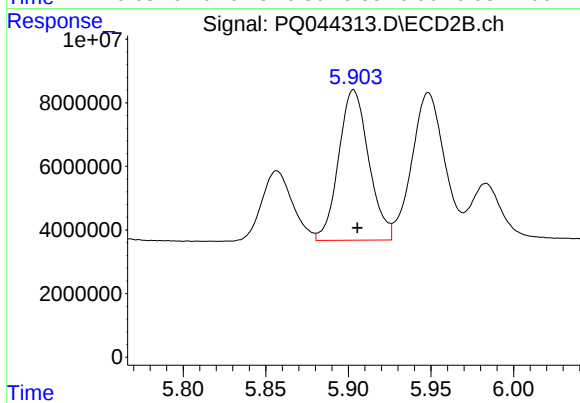
#5 AR-1016-3

R.T.: 5.857 min  
Delta R.T.: -0.001 min  
Response: 28504416  
Conc: 273.14 ng/ml



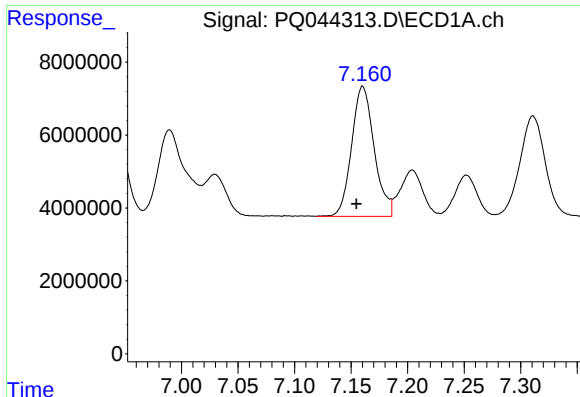
#6 AR-1016-4

R.T.: 6.842 min  
Delta R.T.: 0.004 min  
Response: 21467002  
Conc: 259.80 ng/ml



#6 AR-1016-4

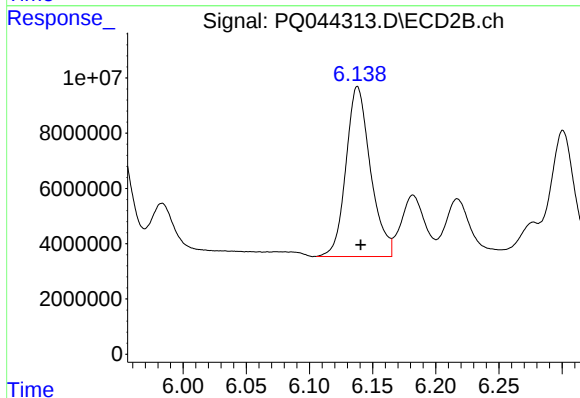
R.T.: 5.903 min  
Delta R.T.: -0.002 min  
Response: 60052330  
Conc: 642.59 ng/ml



#7 AR-1016-5

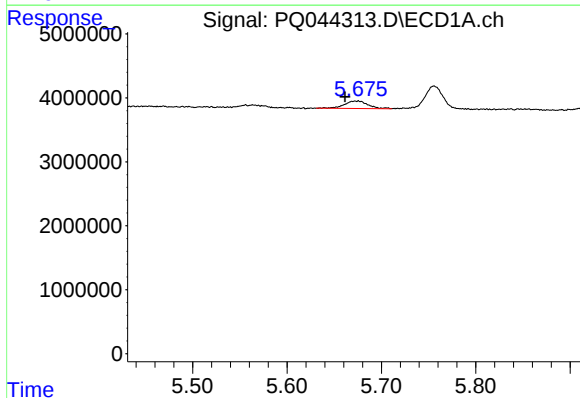
R.T.: 7.160 min  
Delta R.T.: 0.006 min  
Response: 49557454  
Conc: 655.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



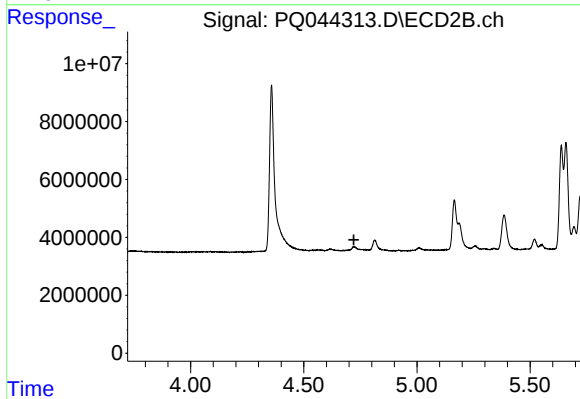
#7 AR-1016-5

R.T.: 6.138 min  
Delta R.T.: -0.003 min  
Response: 83115081  
Conc: 679.71 ng/ml



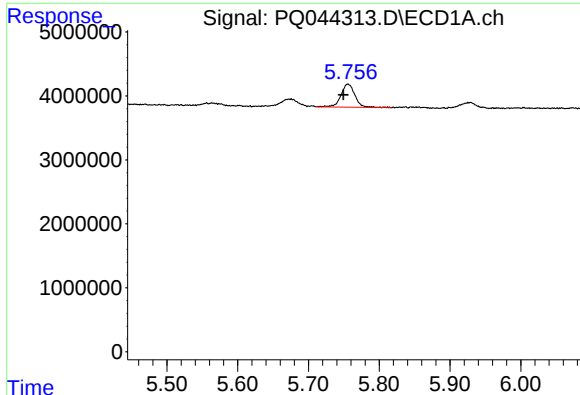
#9 AR-1221-2

R.T.: 5.674 min  
Delta R.T.: 0.012 min  
Response: 2047365  
Conc: 70.24 ng/ml



#9 AR-1221-2

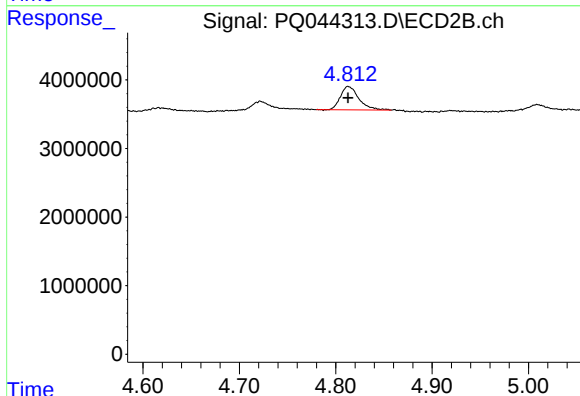
R.T.: 0.000 min  
Exp R.T.: 4.722 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

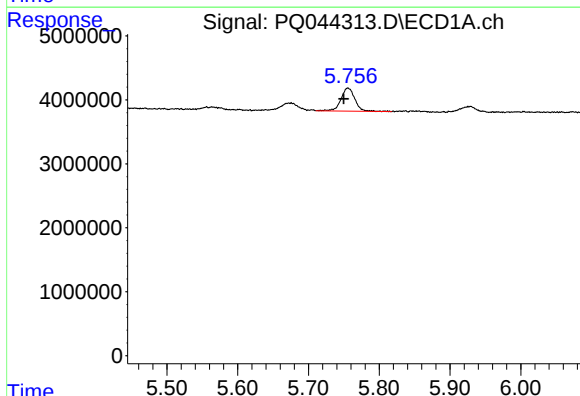
R.T.: 5.756 min  
Delta R.T.: 0.007 min  
Response: 4960527  
Conc: 50.99 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



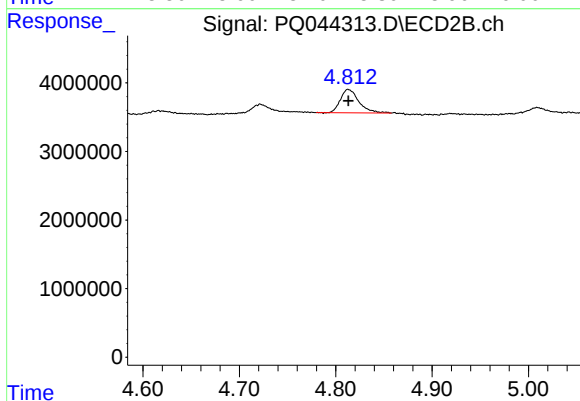
#10 AR-1221-3

R.T.: 4.813 min  
Delta R.T.: 0.000 min  
Response: 4502734  
Conc: 42.88 ng/ml



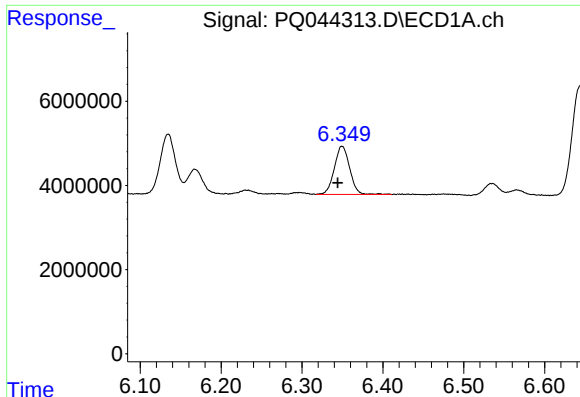
#11 AR-1232-1

R.T.: 5.756 min  
Delta R.T.: 0.006 min  
Response: 4960527  
Conc: 59.11 ng/ml



#11 AR-1232-1

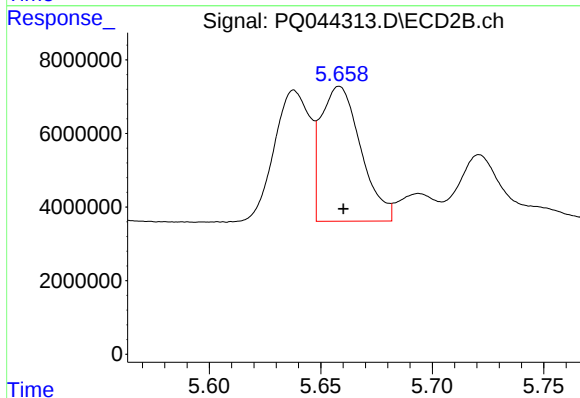
R.T.: 4.813 min  
Delta R.T.: 0.000 min  
Response: 4502734  
Conc: 48.66 ng/ml



#12 AR-1232-2

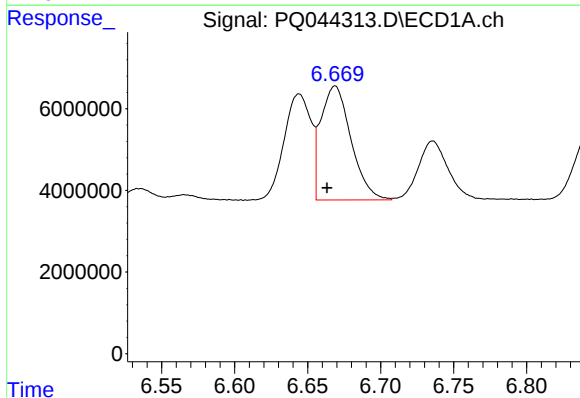
R.T.: 6.350 min  
Delta R.T.: 0.006 min  
Response: 15159987  
Conc: 390.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



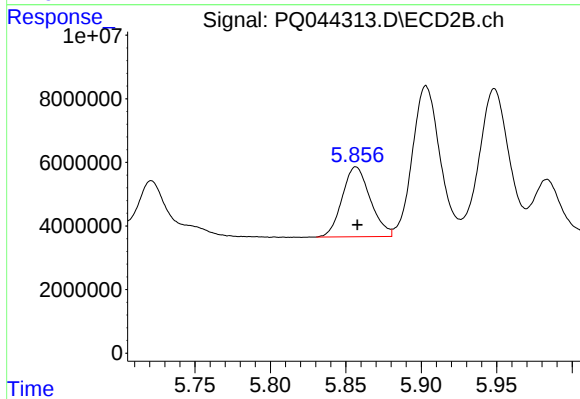
#12 AR-1232-2

R.T.: 5.658 min  
Delta R.T.: -0.002 min  
Response: 45698754  
Conc: 433.29 ng/ml



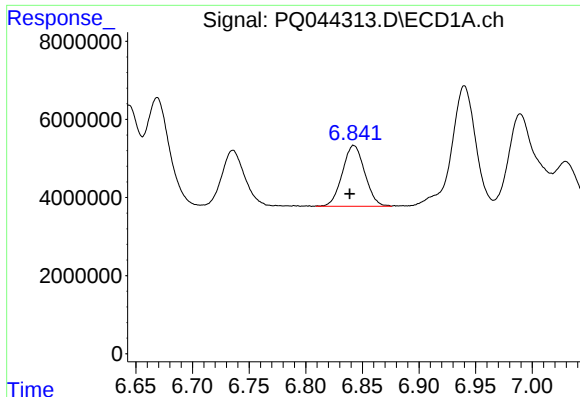
#13 AR-1232-3

R.T.: 6.669 min  
Delta R.T.: 0.005 min  
Response: 40183899  
Conc: 523.80 ng/ml



#13 AR-1232-3

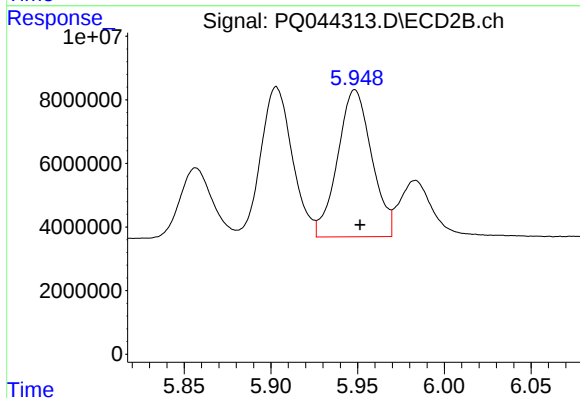
R.T.: 5.857 min  
Delta R.T.: -0.001 min  
Response: 28504416  
Conc: 576.80 ng/ml



#14 AR-1232-4

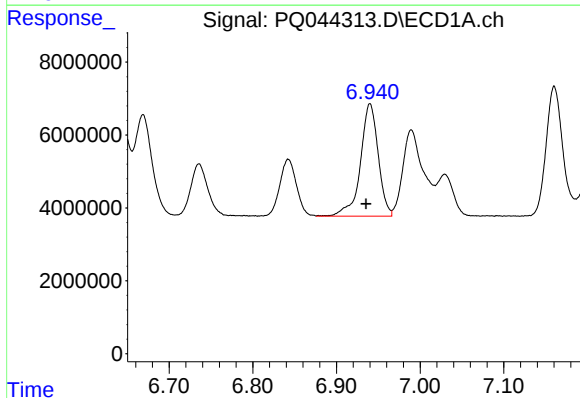
R.T.: 6.842 min  
Delta R.T.: 0.004 min  
Response: 21467002  
Conc: 565.95 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



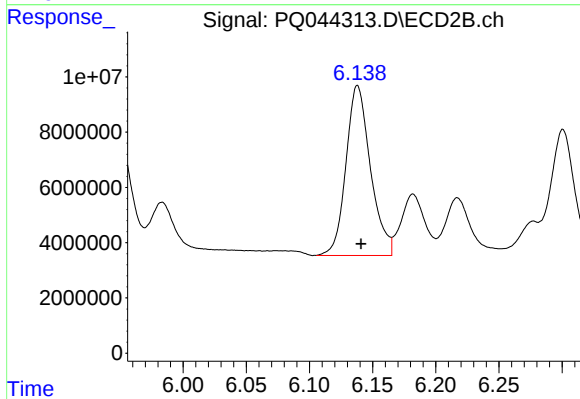
#14 AR-1232-4

R.T.: 5.948 min  
Delta R.T.: -0.003 min  
Response: 63324333  
Conc: 1342.71 ng/ml



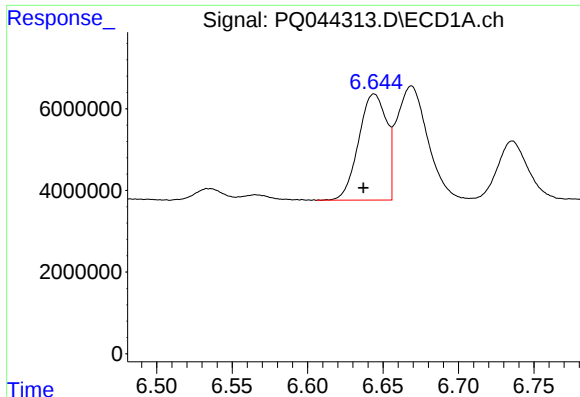
#15 AR-1232-5

R.T.: 6.940 min  
Delta R.T.: 0.005 min  
Response: 45418795  
Conc: 1610.86 ng/ml



#15 AR-1232-5

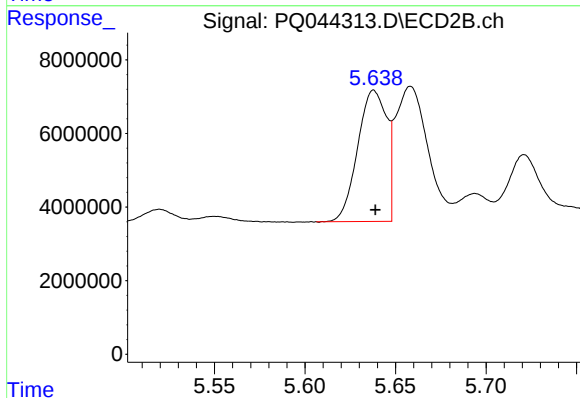
R.T.: 6.138 min  
Delta R.T.: -0.003 min  
Response: 83115081  
Conc: 1520.49 ng/ml



#16 AR-1242-1

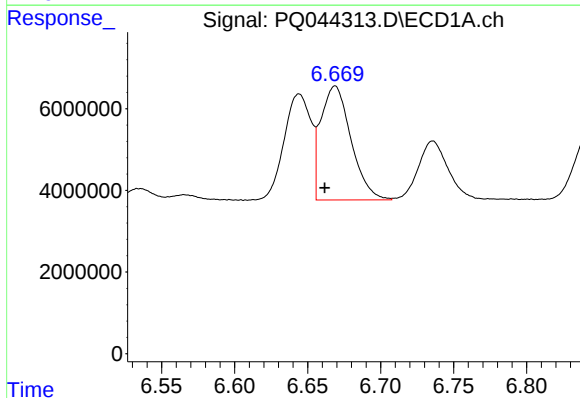
R.T.: 6.644 min  
Delta R.T.: 0.007 min  
Response: 33440837  
Conc: 342.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



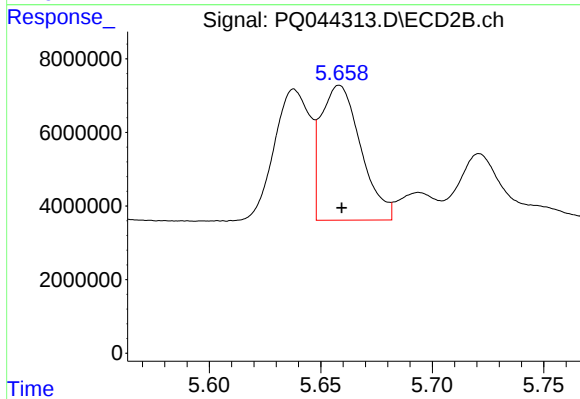
#16 AR-1242-1

R.T.: 5.638 min  
Delta R.T.: 0.000 min  
Response: 39837210  
Conc: 336.11 ng/ml



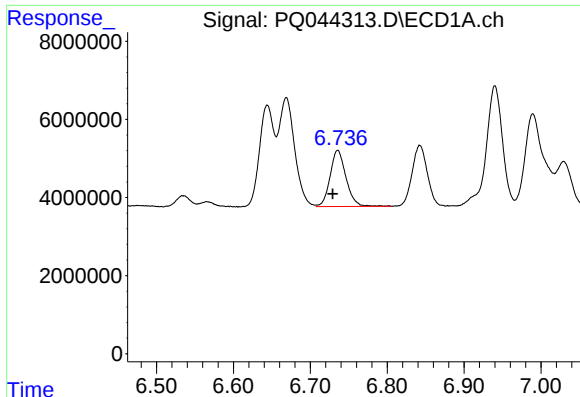
#17 AR-1242-2

R.T.: 6.669 min  
Delta R.T.: 0.007 min  
Response: 40183899  
Conc: 288.90 ng/ml



#17 AR-1242-2

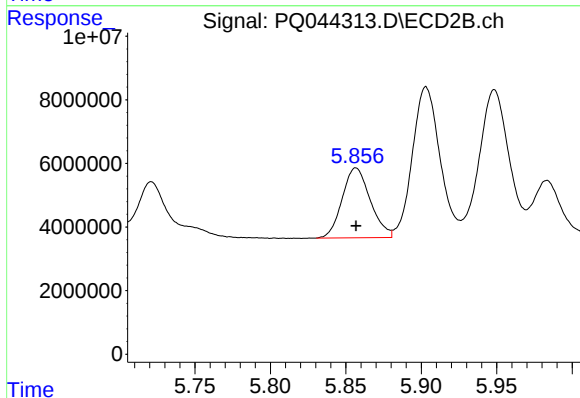
R.T.: 5.658 min  
Delta R.T.: -0.001 min  
Response: 45698754  
Conc: 242.23 ng/ml



#18 AR-1242-3

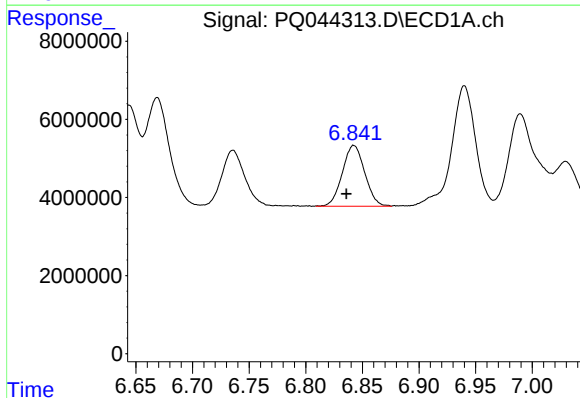
R.T.: 6.736 min  
Delta R.T.: 0.007 min  
Response: 20724029  
Conc: 233.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



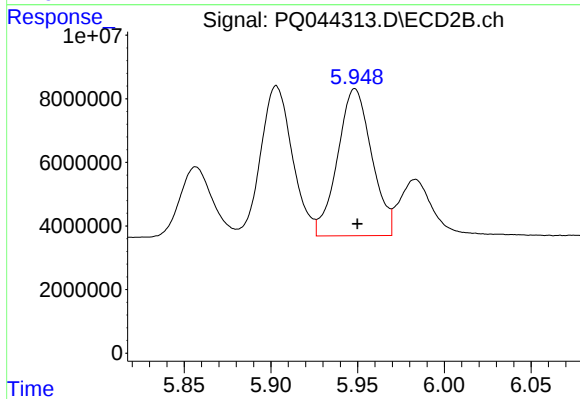
#18 AR-1242-3

R.T.: 5.857 min  
Delta R.T.: 0.000 min  
Response: 28504416  
Conc: 308.19 ng/ml



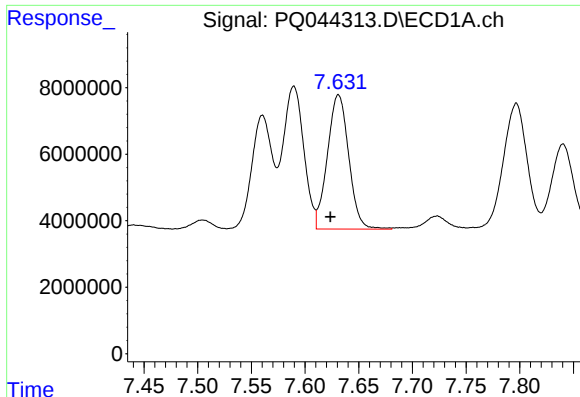
#19 AR-1242-4

R.T.: 6.842 min  
Delta R.T.: 0.006 min  
Response: 21467002  
Conc: 300.53 ng/ml



#19 AR-1242-4

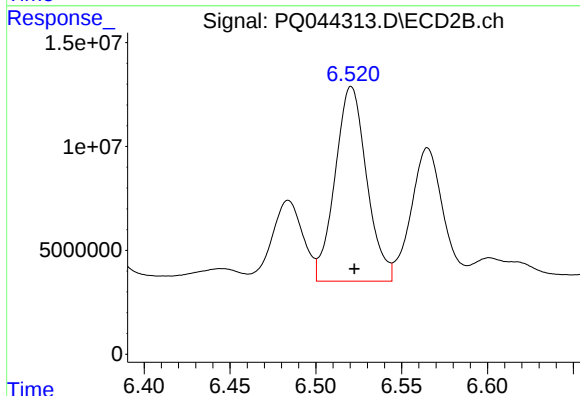
R.T.: 5.948 min  
Delta R.T.: -0.001 min  
Response: 63324333  
Conc: 644.27 ng/ml



#20 AR-1242-5

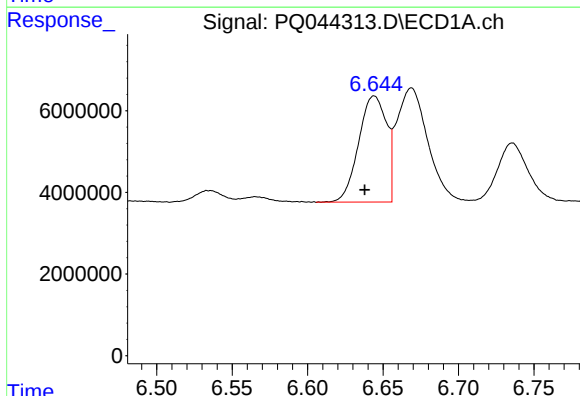
R.T.: 7.631 min  
Delta R.T.: 0.008 min  
Response: 55833194  
Conc: 734.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



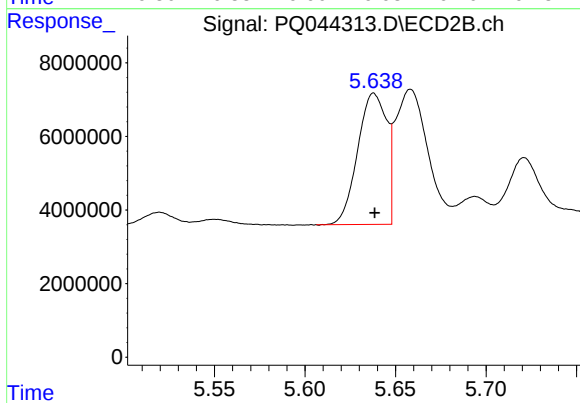
#20 AR-1242-5

R.T.: 6.521 min  
Delta R.T.: -0.002 min  
Response: 120106410  
Conc: 942.57 ng/ml



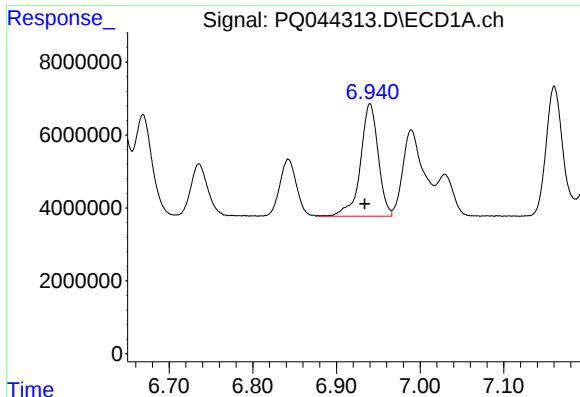
#21 AR-1248-1

R.T.: 6.644 min  
Delta R.T.: 0.006 min  
Response: 33440837  
Conc: 455.74 ng/ml



#21 AR-1248-1

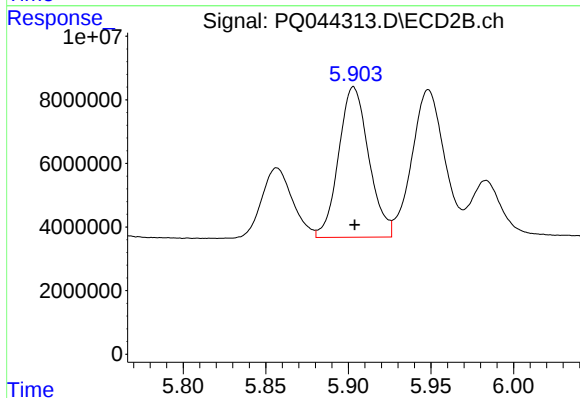
R.T.: 5.638 min  
Delta R.T.: 0.000 min  
Response: 39837210  
Conc: 439.94 ng/ml



#22 AR-1248-2

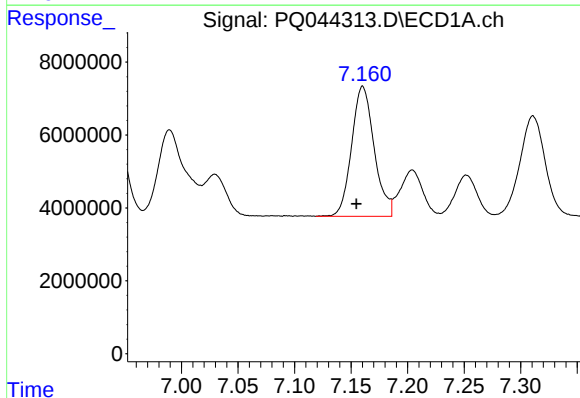
R.T.: 6.940 min  
Delta R.T.: 0.006 min  
Response: 45418795  
Conc: 458.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



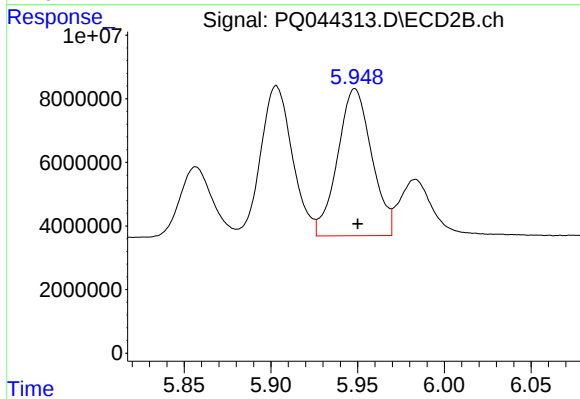
#22 AR-1248-2

R.T.: 5.903 min  
Delta R.T.: 0.000 min  
Response: 60052330  
Conc: 433.26 ng/ml



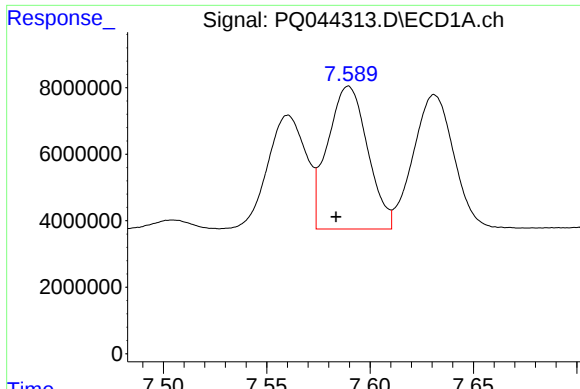
#23 AR-1248-3

R.T.: 7.160 min  
Delta R.T.: 0.006 min  
Response: 49557454  
Conc: 458.87 ng/ml



#23 AR-1248-3

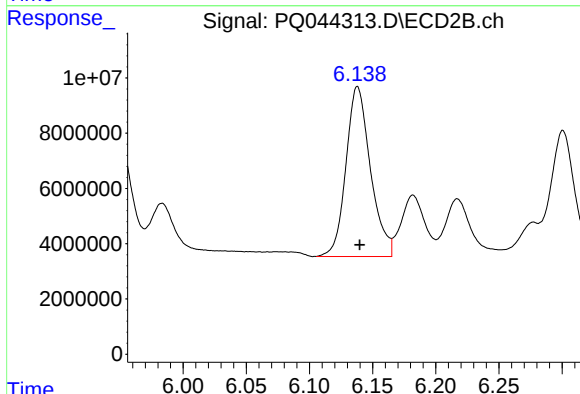
R.T.: 5.948 min  
Delta R.T.: -0.002 min  
Response: 63324333  
Conc: 447.76 ng/ml



#24 AR-1248-4

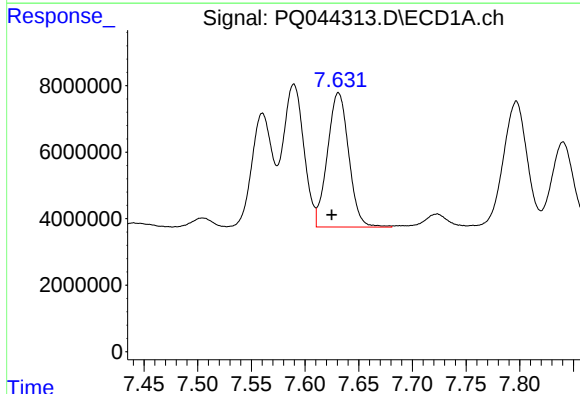
R.T.: 7.590 min  
Delta R.T.: 0.006 min  
Response: 57818902  
Conc: 459.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



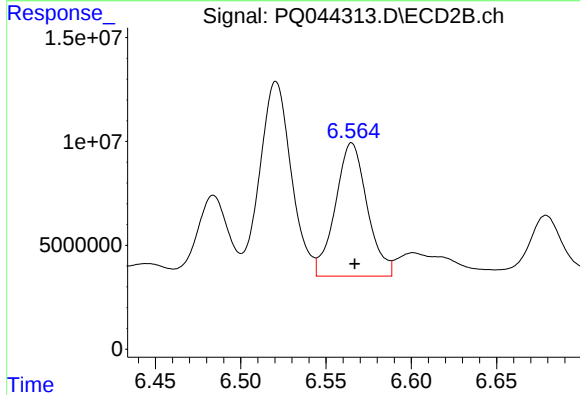
#24 AR-1248-4

R.T.: 6.138 min  
Delta R.T.: -0.002 min  
Response: 83115081  
Conc: 483.89 ng/ml



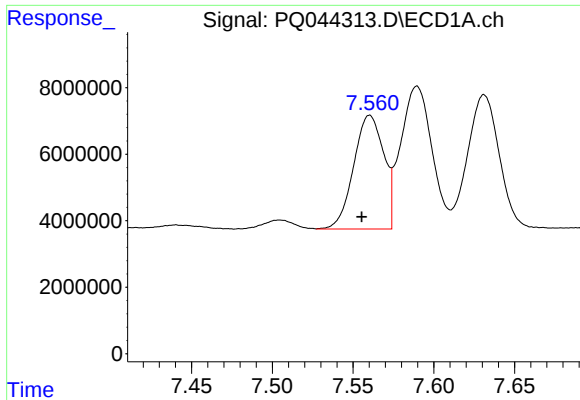
#25 AR-1248-5

R.T.: 7.631 min  
Delta R.T.: 0.006 min  
Response: 55833194  
Conc: 461.13 ng/ml



#25 AR-1248-5

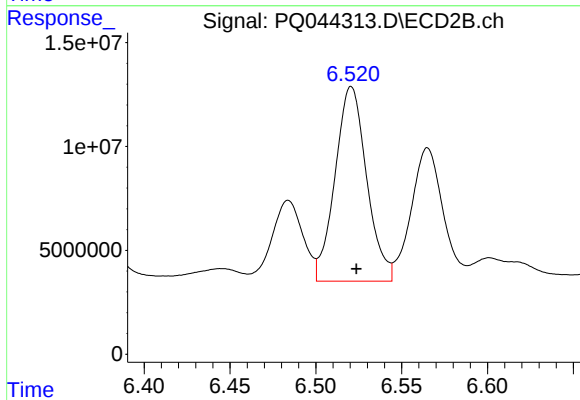
R.T.: 6.565 min  
Delta R.T.: -0.002 min  
Response: 83459926  
Conc: 498.51 ng/ml



#26 AR-1254-1

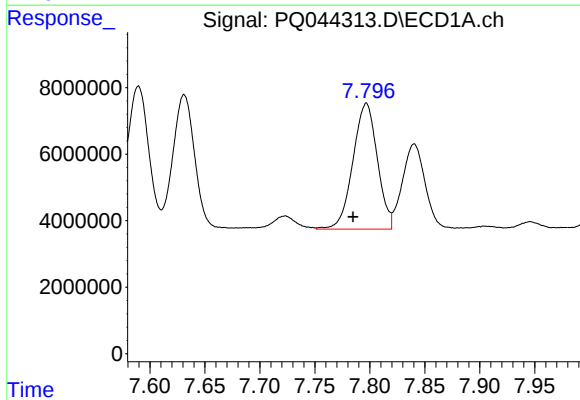
R.T.: 7.560 min  
Delta R.T.: 0.005 min  
Response: 44364079  
Conc: 329.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



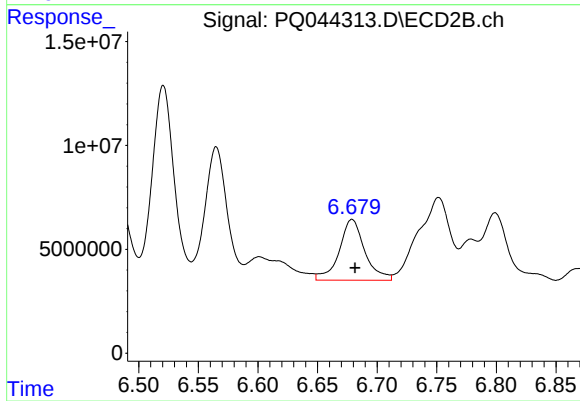
#26 AR-1254-1

R.T.: 6.521 min  
Delta R.T.: -0.003 min  
Response: 120106410  
Conc: 411.79 ng/ml



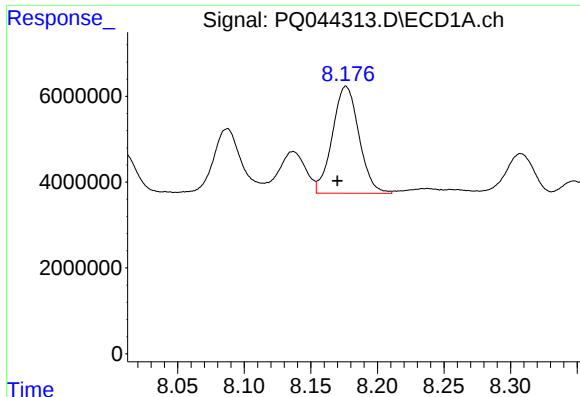
#27 AR-1254-2

R.T.: 7.797 min  
Delta R.T.: 0.012 min  
Response: 58522030  
Conc: 273.95 ng/ml



#27 AR-1254-2

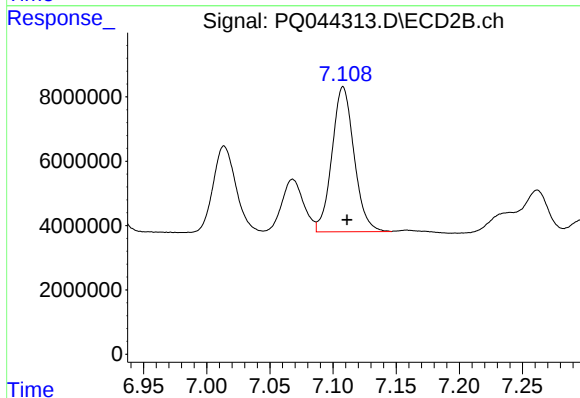
R.T.: 6.679 min  
Delta R.T.: -0.003 min  
Response: 43855882  
Conc: 167.97 ng/ml



#28 AR-1254-3

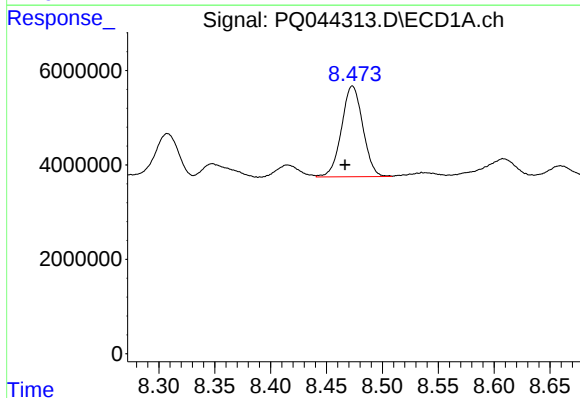
R.T.: 8.176 min  
Delta R.T.: 0.007 min  
Response: 34741732  
Conc: 141.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



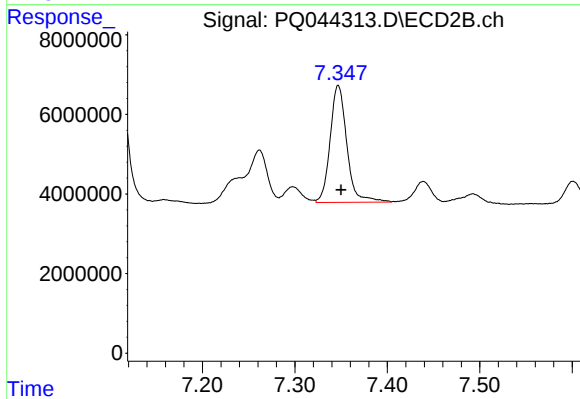
#28 AR-1254-3

R.T.: 7.108 min  
Delta R.T.: -0.003 min  
Response: 54929254  
Conc: 125.72 ng/ml



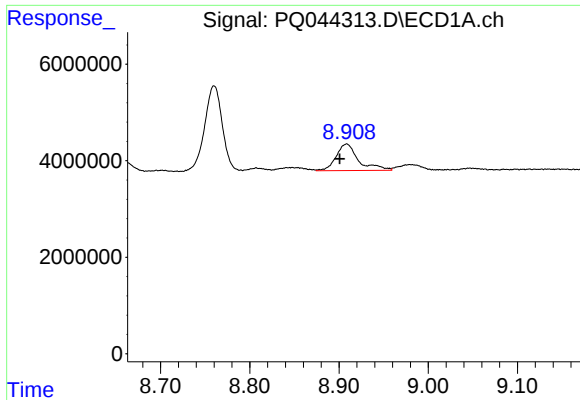
#29 AR-1254-4

R.T.: 8.473 min  
Delta R.T.: 0.007 min  
Response: 25526125  
Conc: 127.27 ng/ml



#29 AR-1254-4

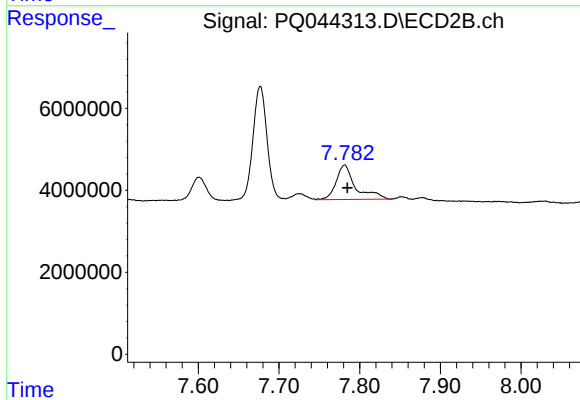
R.T.: 7.347 min  
Delta R.T.: -0.003 min  
Response: 36946119  
Conc: 137.54 ng/ml



#30 AR-1254-5

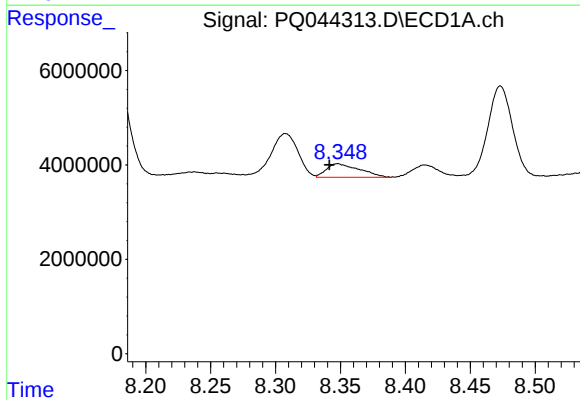
R.T.: 8.908 min  
Delta R.T.: 0.008 min  
Response: 9592907  
Conc: 40.08 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



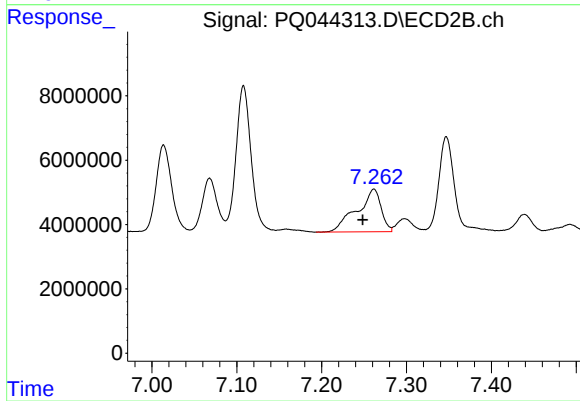
#30 AR-1254-5

R.T.: 7.781 min  
Delta R.T.: -0.003 min  
Response: 14175414  
Conc: 35.45 ng/ml



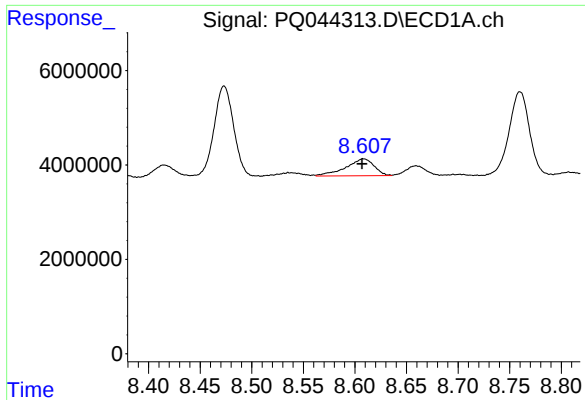
#31 AR-1260-1

R.T.: 8.348 min  
Delta R.T.: 0.007 min  
Response: 5103900  
Conc: 33.91 ng/ml



#31 AR-1260-1

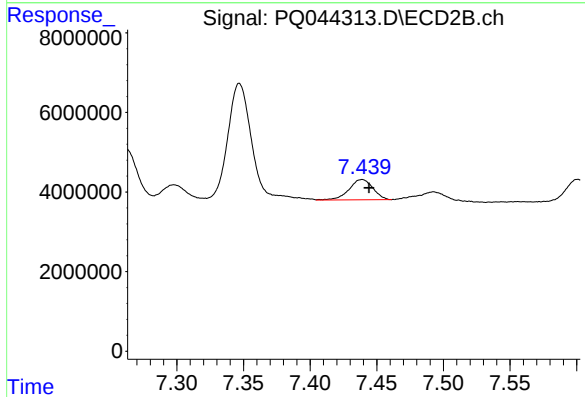
R.T.: 7.262 min  
Delta R.T.: 0.013 min  
Response: 26320522  
Conc: 108.25 ng/ml



#32 AR-1260-2

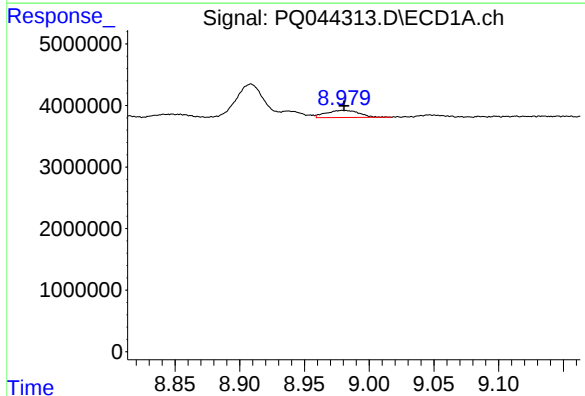
R.T.: 8.608 min  
Delta R.T.: 0.001 min  
Response: 6894001  
Conc: 35.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



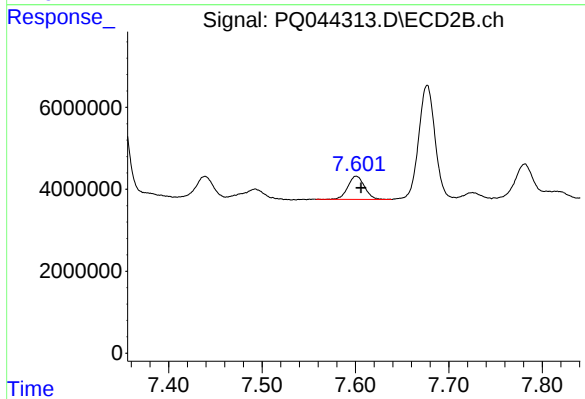
#32 AR-1260-2

R.T.: 7.439 min  
Delta R.T.: -0.005 min  
Response: 6364477  
Conc: 21.08 ng/ml



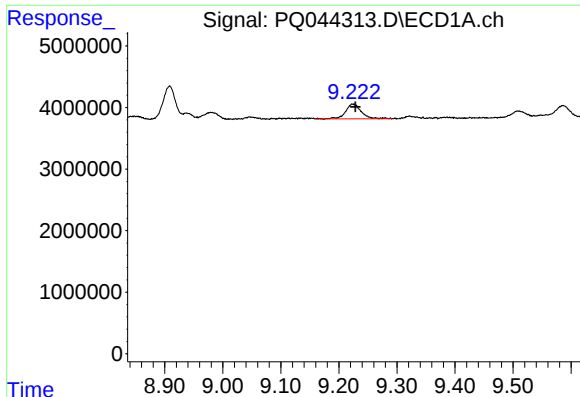
#33 AR-1260-3

R.T.: 8.980 min  
Delta R.T.: 0.000 min  
Response: 2056702  
Conc: 12.83 ng/ml



#33 AR-1260-3

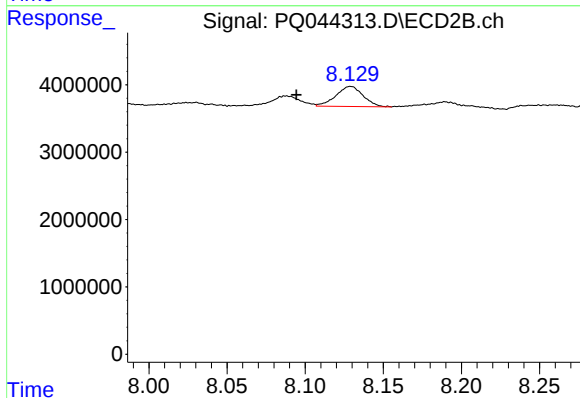
R.T.: 7.601 min  
Delta R.T.: -0.005 min  
Response: 7031007  
Conc: 24.98 ng/ml



#34 AR-1260-4

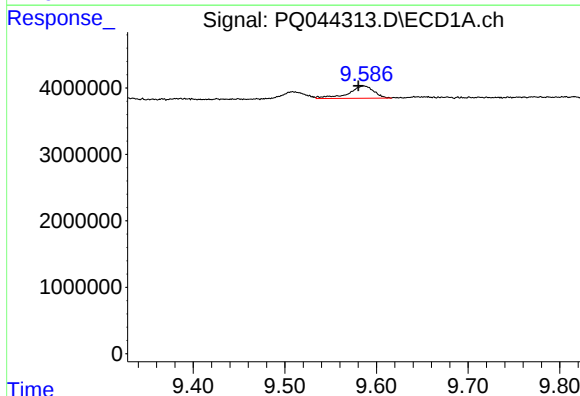
R.T.: 9.224 min  
Delta R.T.: -0.004 min  
Response: 4564516  
Conc: 23.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



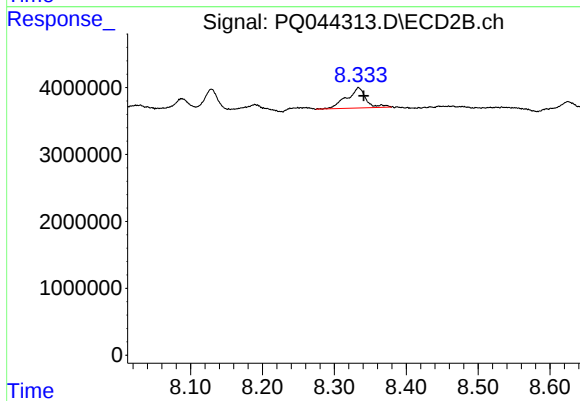
#34 AR-1260-4

R.T.: 8.129 min  
Delta R.T.: 0.035 min  
Response: 3600866  
Conc: 14.31 ng/ml



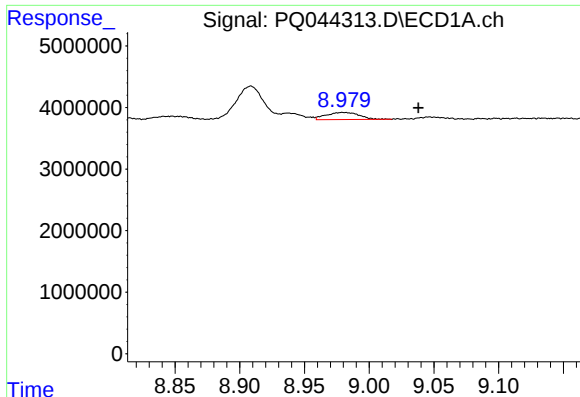
#35 AR-1260-5

R.T.: 9.586 min  
Delta R.T.: 0.006 min  
Response: 3558763  
Conc: 7.78 ng/ml



#35 AR-1260-5

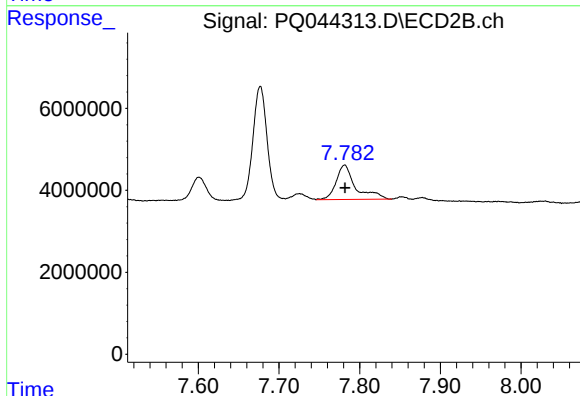
R.T.: 8.334 min  
Delta R.T.: -0.007 min  
Response: 5658466  
Conc: 8.83 ng/ml



#36 AR-1262-1

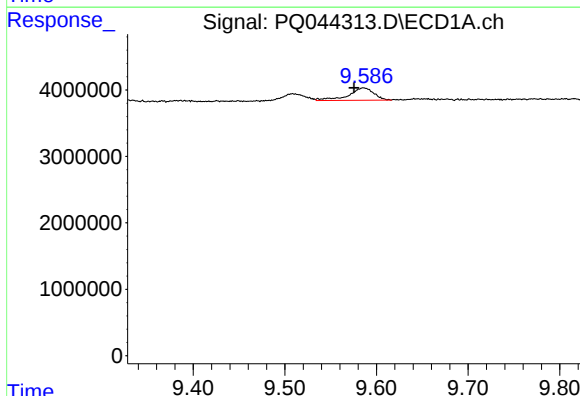
R.T.: 8.980 min  
Delta R.T.: -0.058 min  
Response: 2056702  
Conc: 18.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
AR1248316



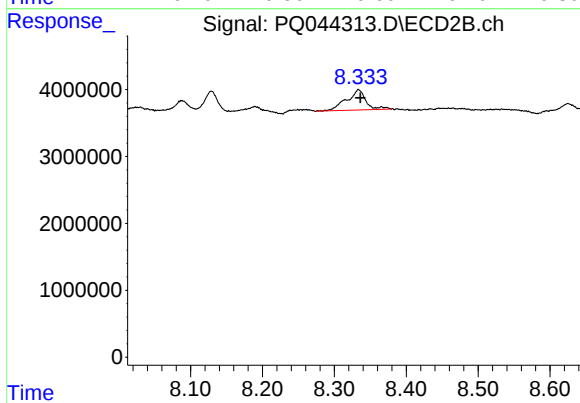
#36 AR-1262-1

R.T.: 7.781 min  
Delta R.T.: 0.000 min  
Response: 14175414  
Conc: 72.64 ng/ml



#37 AR-1262-2

R.T.: 9.586 min  
Delta R.T.: 0.010 min  
Response: 3558763  
Conc: 6.18 ng/ml



#37 AR-1262-2

R.T.: 8.334 min  
Delta R.T.: -0.002 min  
Response: 5658466  
Conc: 7.15 ng/ml