

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ061320\  
 Data File : PQ048423.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jun 2020 22:56  
 Operator : AJ\MA  
 Sample : L2976-04  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 04-A-04-B-04-C

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 01:51:50 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ061320.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jun 12 16:33:31 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml     | ng/ml       |
|-----------------------------|-----------------|-------|-------|----------|----------|-----------|-------------|
| -----                       |                 |       |       |          |          |           |             |
| System Monitoring Compounds |                 |       |       |          |          |           |             |
| 1)                          | SA Tetrachlo... | 5.295 | 4.292 | 243.5E6  | 77324201 | 37.231    | 25.509 #    |
| Target Compounds            |                 |       |       |          |          |           |             |
| 3)                          | L1 AR-1016-1    | 6.597 | 5.556 | 2236092  | 15855138 | 8.500     | 117.674 #   |
| 4)                          | L1 AR-1016-2    | 6.679 | 5.576 | 303.1E6  | 17334048 | 835.312   | 94.310 #    |
| 5)                          | L1 AR-1016-3    | 6.720 | 5.771 | 274.4E6  | 611197   | 1218.388  | 6.270 #     |
| 6)                          | L1 AR-1016-4    | 6.825 | 5.819 | 288.4E6  | 85327793 | 1525.037  | 1055.428 #  |
| 7)                          | L1 AR-1016-5    | 7.136 | 6.053 | 501.9E6  | 52669401 | 2693.092  | 514.949 #   |
| 8)                          | L2 AR-1221-1    | 5.522 | 4.544 | 1042.8E6 | 17802270 | 15246.889 | 542.447 #   |
| 9)                          | L2 AR-1221-2    | 5.706 | 4.650 | 158.3E6  | 5554985  | 3047.615  | 223.544 #   |
| 10)                         | L2 AR-1221-3    | 5.736 | 4.739 | 60676914 | 15285938 | 375.915   | 195.094 #   |
| 11)                         | L3 AR-1232-1    | 5.736 | 4.739 | 60676914 | 15285938 | 369.243   | 194.055 #   |
| 12)                         | L3 AR-1232-2    | 6.339 | 5.576 | 116.3E6  | 17334048 | 1310.978  | 194.871 #   |
| 13)                         | L3 AR-1232-3    | 6.679 | 5.771 | 303.1E6  | 611197   | 1688.699  | 13.098 #    |
| 14)                         | L3 AR-1232-4    | 6.825 | 5.864 | 288.4E6  | 30648007 | 3091.180  | 718.425 #   |
| 15)                         | L3 AR-1232-5    | 6.910 | 6.053 | 798.9E6  | 52669401 | 11357.493 | 1168.159 #  |
| 16)                         | L4 AR-1242-1    | 6.597 | 5.556 | 2236092  | 15855138 | 10.917    | 155.792 #   |
| 17)                         | L4 AR-1242-2    | 6.679 | 5.576 | 303.1E6  | 17334048 | 1086.055  | 124.937 #   |
| 18)                         | L4 AR-1242-3    | 6.720 | 5.771 | 274.4E6  | 611197   | 1575.707  | 8.226 #     |
| 19)                         | L4 AR-1242-4    | 6.825 | 5.864 | 288.4E6  | 30648007 | 1994.375  | 408.226 #   |
| 20)                         | L4 AR-1242-5    | 7.623 | 6.431 | 610.3E6  | 476.4E6  | 3596.696  | 4556.351 #  |
| 21)                         | L5 AR-1248-1    | 6.597 | 5.556 | 2236092  | 15855138 | 12.477    | 174.265 #   |
| 22)                         | L5 AR-1248-2    | 6.910 | 5.819 | 798.9E6  | 85327793 | 3344.827  | 709.295 #   |
| 23)                         | L5 AR-1248-3    | 7.136 | 5.864 | 501.9E6  | 30648007 | 1888.607  | 249.783 #   |
| 24)                         | L5 AR-1248-4    | 7.568 | 6.053 | 740.0E6  | 52669401 | 2293.762  | 362.562 #   |
| 25)                         | L5 AR-1248-5    | 7.623 | 6.510 | 610.3E6  | 181.0E6  | 1983.606  | 1143.121 #  |
| 26)                         | L6 AR-1254-1    | 7.538 | 6.431 | 1247.5E6 | 476.4E6  | 3720.499  | 1794.772 #  |
| 27)                         | L6 AR-1254-2    | 7.768 | 6.588 | 2236.1E6 | 798.2E6  | 4288.827  | 3410.104    |
| 28)                         | L6 AR-1254-3    | 8.153 | 7.015 | 2305.3E6 | 2008.5E6 | 4087.583  | 5036.451    |
| 29)                         | L6 AR-1254-4    | 8.450 | 7.252 | 1445.5E6 | 1405.1E6 | 3193.694  | 5322.953 #  |
| 30)                         | L6 AR-1254-5    | 0.000 | 7.702 | 0        | 4716.8E6 | N.D.      | 12853.853 # |
| 31)                         | L7 AR-1260-1    | 8.323 | 7.150 | 2628.1E6 | 1874.7E6 | 7510.993  | 8511.853    |
| 32)                         | L7 AR-1260-2    | 8.586 | 7.354 | 5498.4E6 | 1144.8E6 | 12409.676 | 4107.956 #  |
| 33)                         | L7 AR-1260-3    | 0.000 | 7.504 | 0        | 844.9E6  | N.D.      | 3328.816 #  |
| 34)                         | L7 AR-1260-4    | 0.000 | 8.001 | 0        | 7322.3E6 | N.D.      | 32269.318 # |
| 35)                         | L7 AR-1260-5    | 0.000 | 8.226 | 0        | 608.1E6  | N.D.      | 1038.751 #  |
| 36)                         | L8 AR-1262-1    | 0.000 | 7.702 | 0        | 4716.8E6 | N.D.      | 24507.192 # |
| 37)                         | L8 AR-1262-2    | 0.000 | 8.226 | 0        | 608.1E6  | N.D.      | 810.960 #   |
| 45)                         | L9 AR-1268-5    | 0.000 | 9.395 | 0        | 293.5E6  | N.D.      | 123.645 #   |
| -----                       |                 |       |       |          |          |           |             |

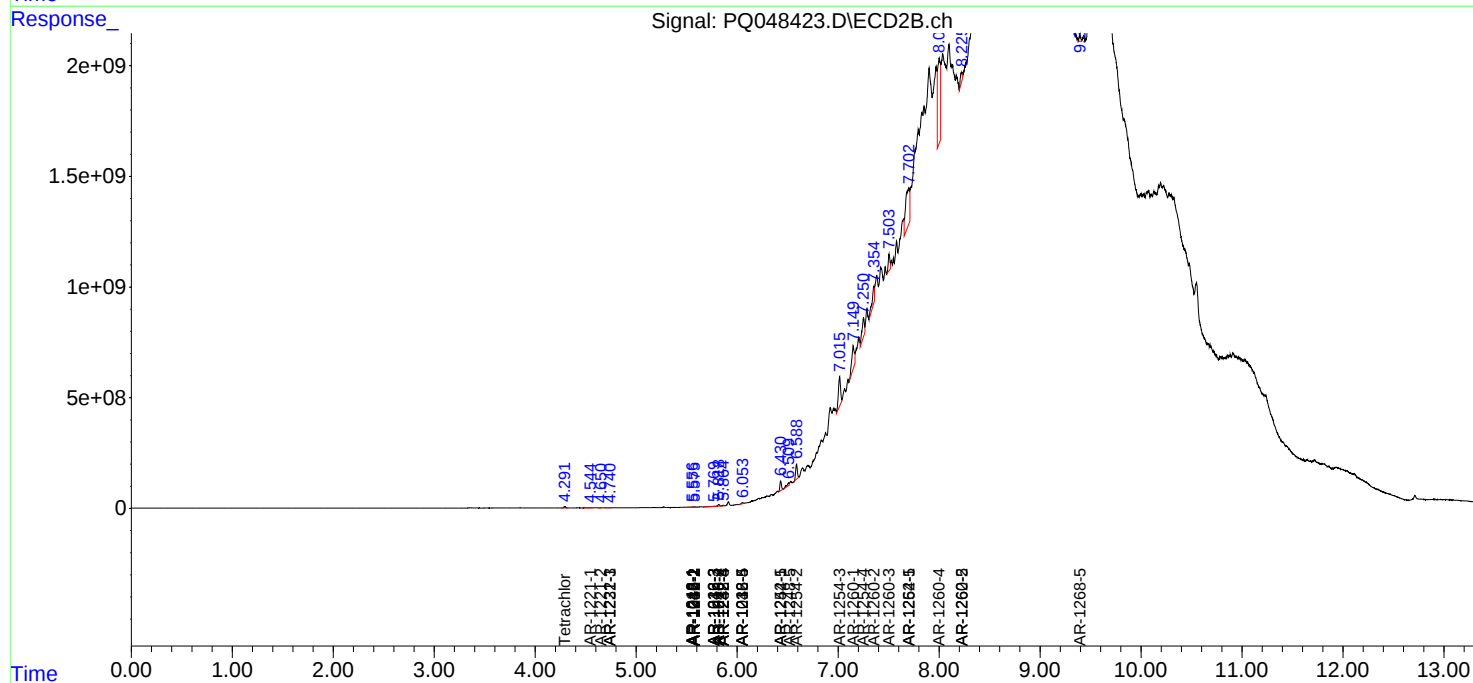
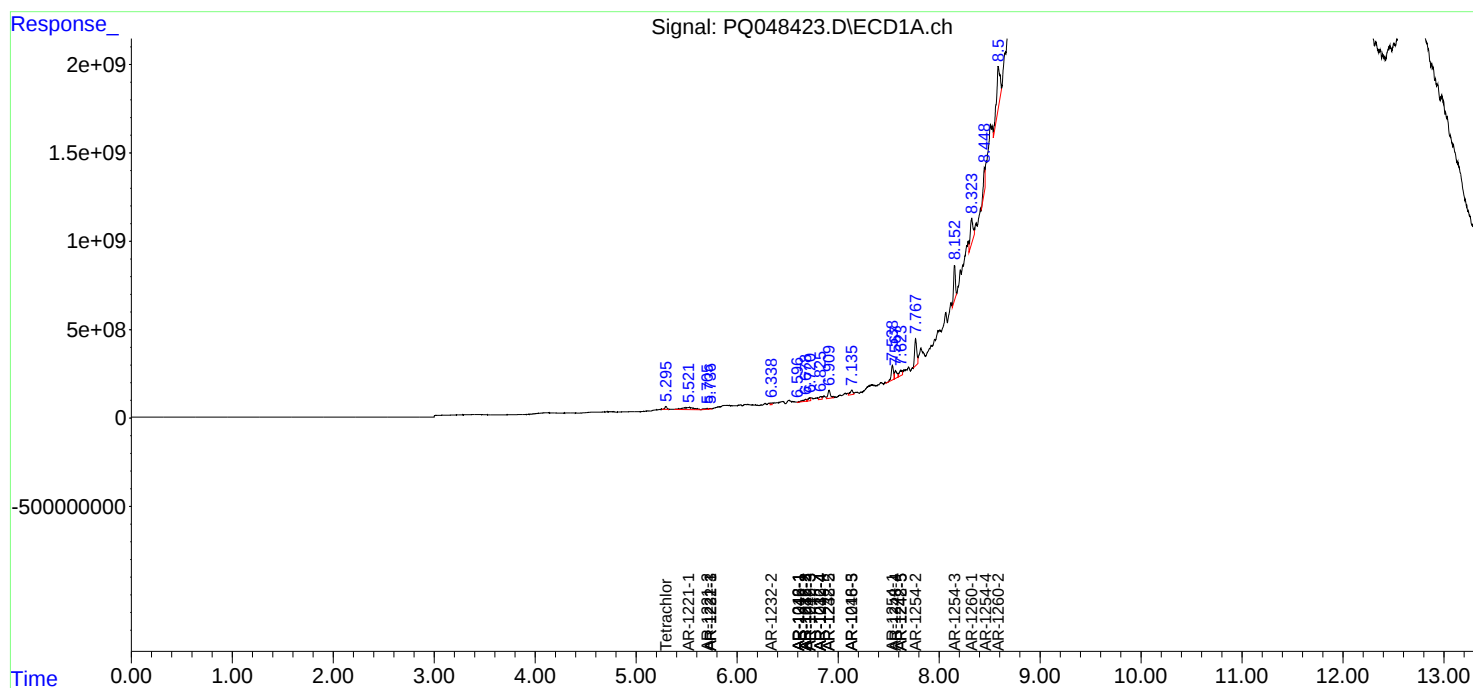
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

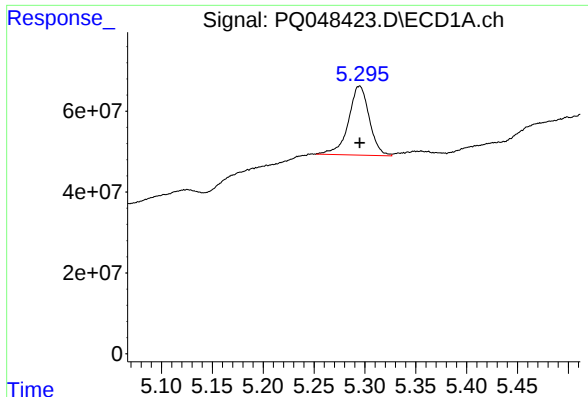
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ061320\  
Data File : PQ048423.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Jun 2020 22:56  
Operator : AJ\MA  
Sample : L2976-04  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 01:51:50 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ061320.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jun 12 16:33:31 2020  
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

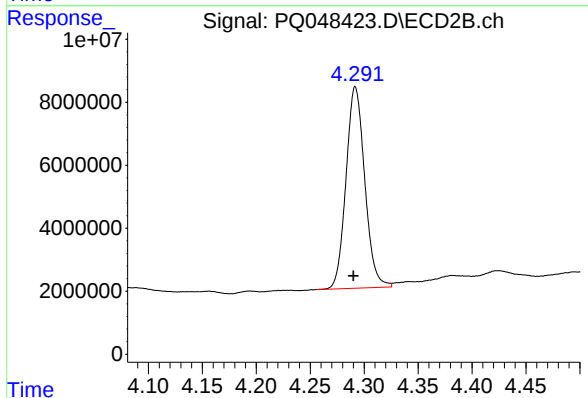




#1 Tetrachloro-m-xylene

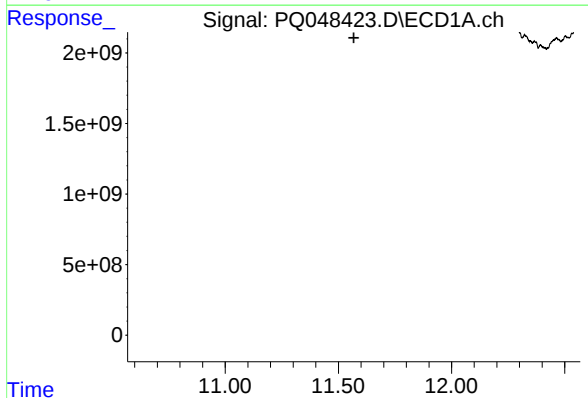
R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 243546789  
Conc: 37.23 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



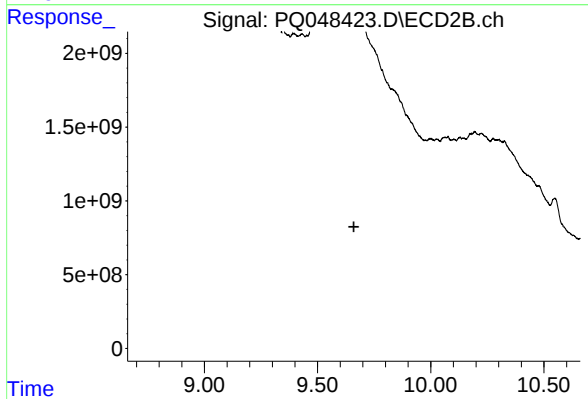
#1 Tetrachloro-m-xylene

R.T.: 4.292 min  
Delta R.T.: 0.002 min  
Response: 77324201  
Conc: 25.51 ng/ml



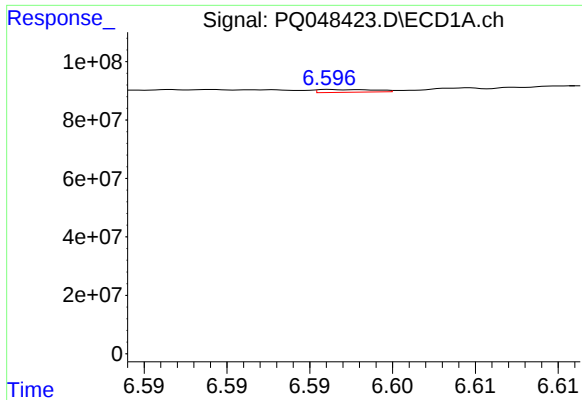
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 11.569 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

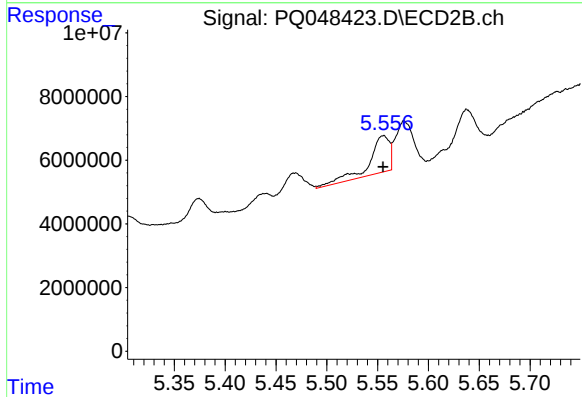
R.T.: 0.000 min  
Exp R.T. : 9.660 min  
Response: 0  
Conc: N.D.



#3 AR-1016-1

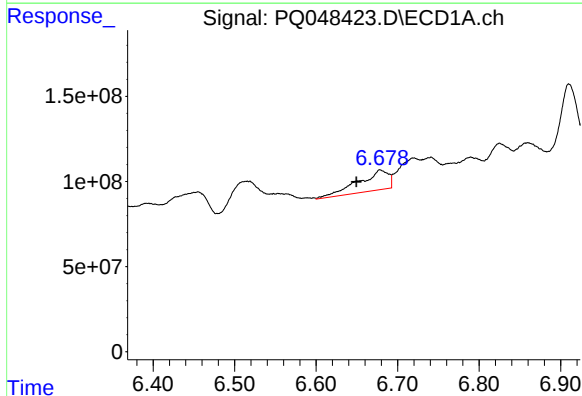
R.T.: 6.597 min  
Delta R.T.: -0.028 min  
Response: 2236092  
Conc: 8.50 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



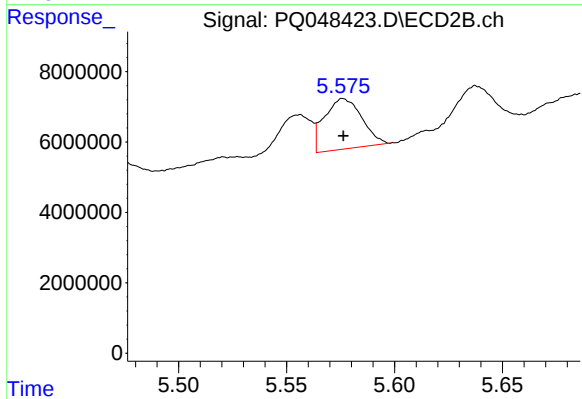
#3 AR-1016-1

R.T.: 5.556 min  
Delta R.T.: 0.000 min  
Response: 15855138  
Conc: 117.67 ng/ml



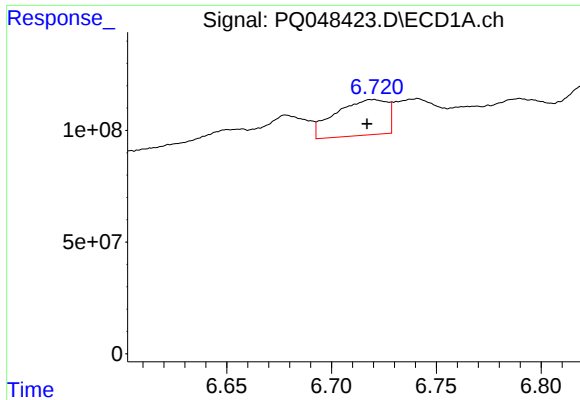
#4 AR-1016-2

R.T.: 6.679 min  
Delta R.T.: 0.029 min  
Response: 303125067  
Conc: 835.31 ng/ml



#4 AR-1016-2

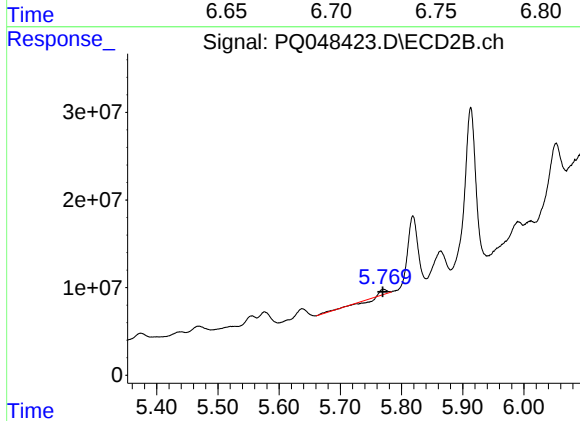
R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 17334048  
Conc: 94.31 ng/ml



#5 AR-1016-3

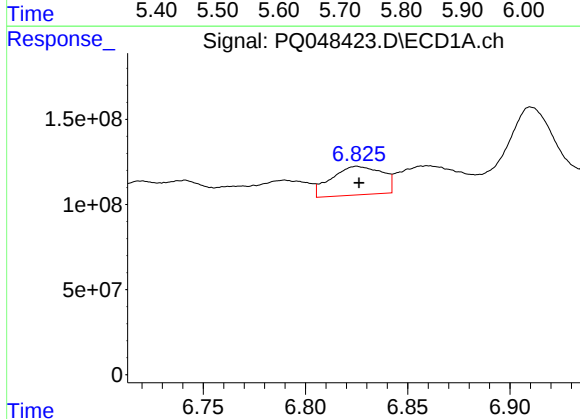
R.T.: 6.720 min  
Delta R.T.: 0.003 min  
Response: 274382207  
Conc: 1218.39 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



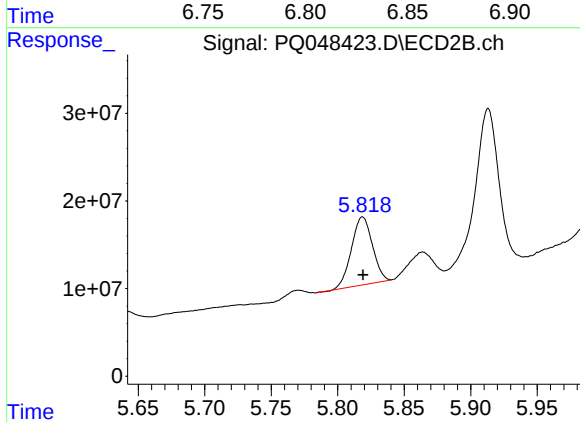
#5 AR-1016-3

R.T.: 5.771 min  
Delta R.T.: 0.002 min  
Response: 611197  
Conc: 6.27 ng/ml



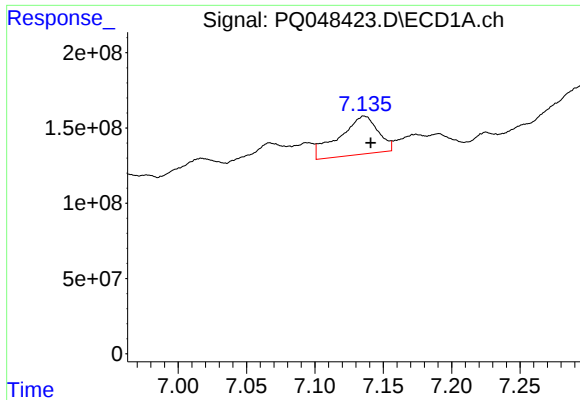
#6 AR-1016-4

R.T.: 6.825 min  
Delta R.T.: -0.001 min  
Response: 288446084  
Conc: 1525.04 ng/ml



#6 AR-1016-4

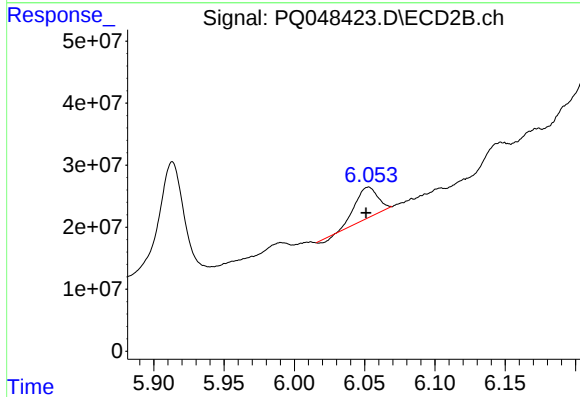
R.T.: 5.819 min  
Delta R.T.: 0.000 min  
Response: 85327793  
Conc: 1055.43 ng/ml



#7 AR-1016-5

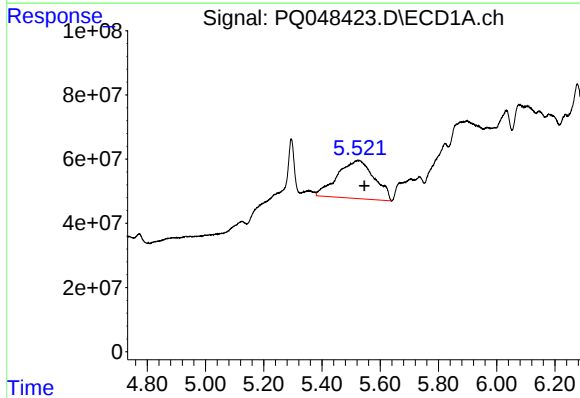
R.T.: 7.136 min  
Delta R.T.: -0.004 min  
Response: 501941211  
Conc: 2693.09 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



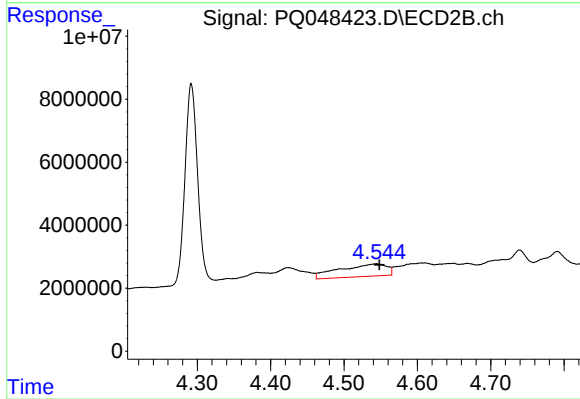
#7 AR-1016-5

R.T.: 6.053 min  
Delta R.T.: 0.002 min  
Response: 52669401  
Conc: 514.95 ng/ml



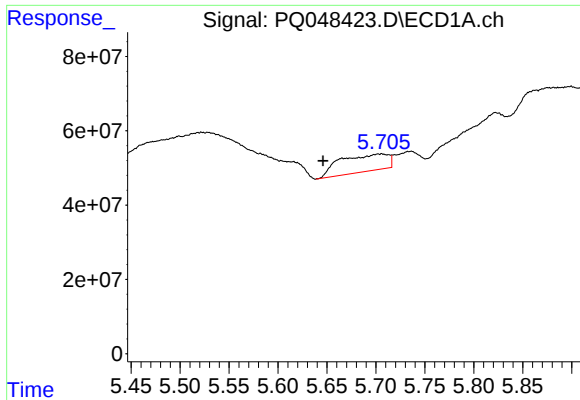
#8 AR-1221-1

R.T.: 5.522 min  
Delta R.T.: -0.024 min  
Response: 1042840693  
Conc: 15246.89 ng/ml



#8 AR-1221-1

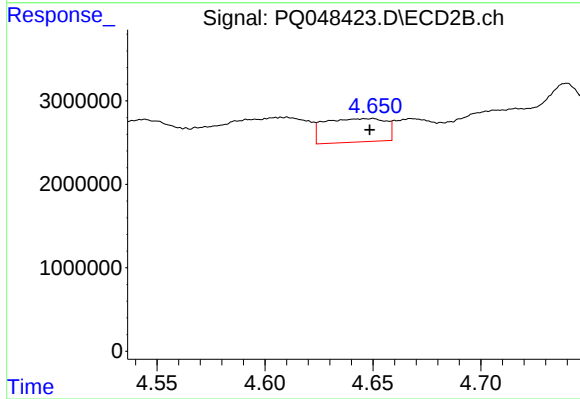
R.T.: 4.544 min  
Delta R.T.: -0.004 min  
Response: 17802270  
Conc: 542.45 ng/ml



#9 AR-1221-2

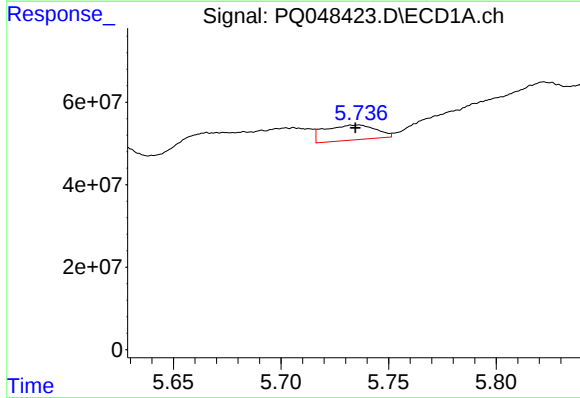
R.T.: 5.706 min  
Delta R.T.: 0.060 min  
Response: 158281026  
Conc: 3047.61 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



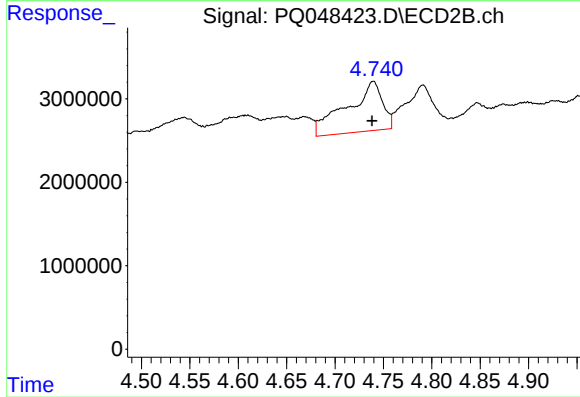
#9 AR-1221-2

R.T.: 4.650 min  
Delta R.T.: 0.001 min  
Response: 5554985  
Conc: 223.54 ng/ml



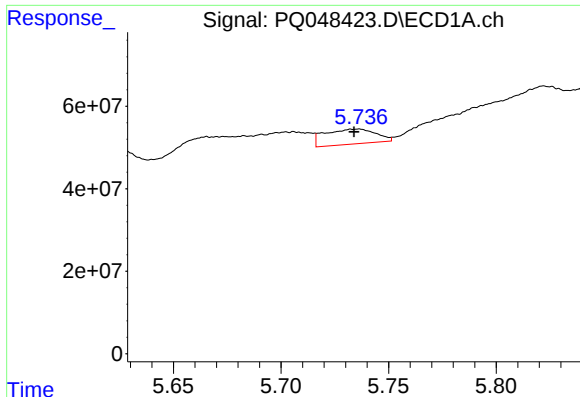
#10 AR-1221-3

R.T.: 5.736 min  
Delta R.T.: 0.001 min  
Response: 60676914  
Conc: 375.91 ng/ml



#10 AR-1221-3

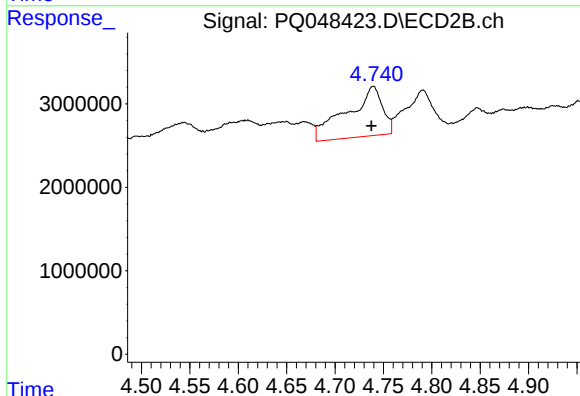
R.T.: 4.739 min  
Delta R.T.: 0.001 min  
Response: 15285938  
Conc: 195.09 ng/ml



#11 AR-1232-1

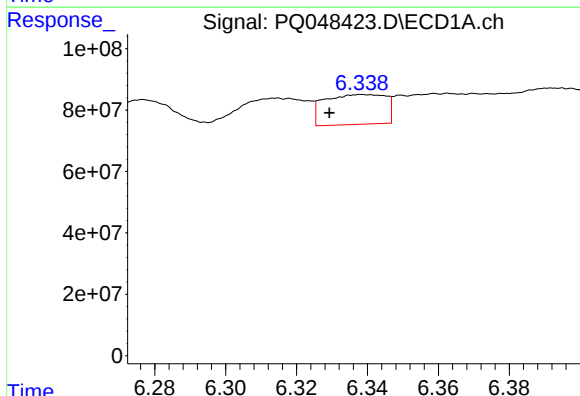
R.T.: 5.736 min  
Delta R.T.: 0.002 min  
Response: 60676914  
Conc: 369.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



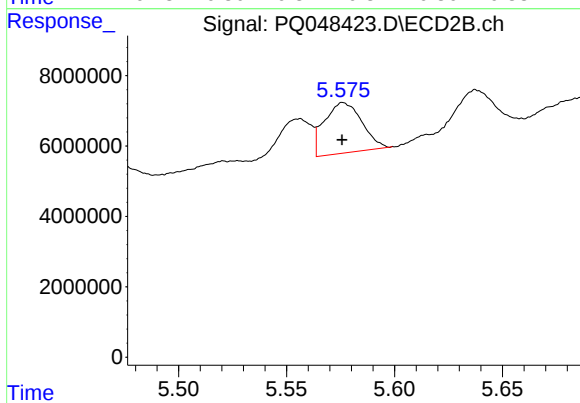
#11 AR-1232-1

R.T.: 4.739 min  
Delta R.T.: 0.002 min  
Response: 15285938  
Conc: 194.06 ng/ml



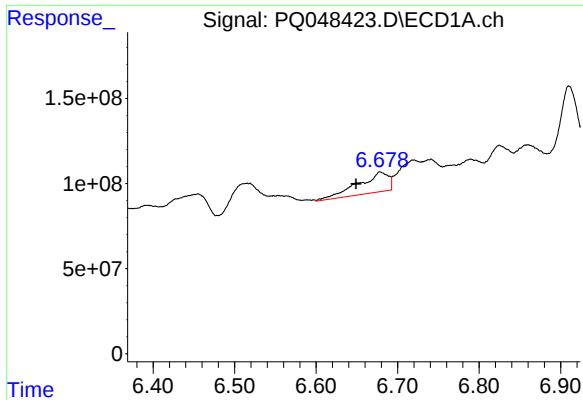
#12 AR-1232-2

R.T.: 6.339 min  
Delta R.T.: 0.010 min  
Response: 116288118  
Conc: 1310.98 ng/ml



#12 AR-1232-2

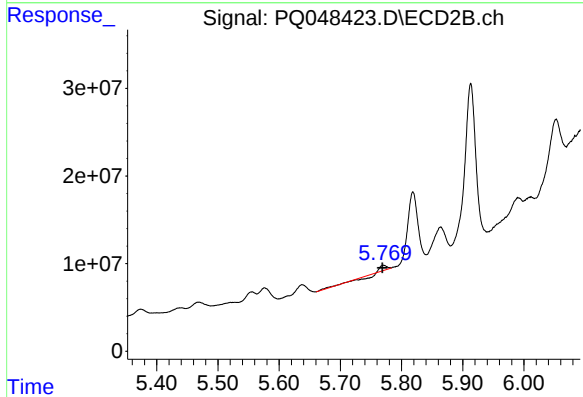
R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 17334048  
Conc: 194.87 ng/ml



#13 AR-1232-3

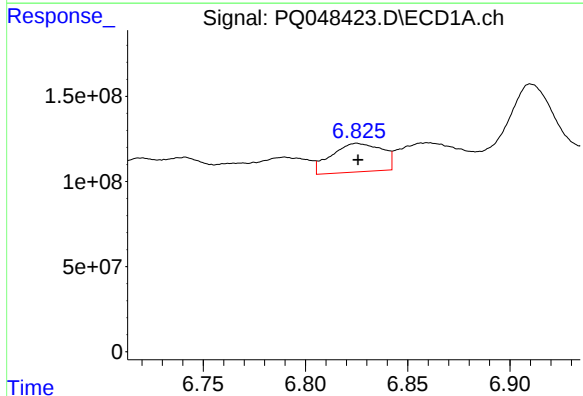
R.T.: 6.679 min  
Delta R.T.: 0.030 min  
Response: 303125067  
Conc: 1688.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



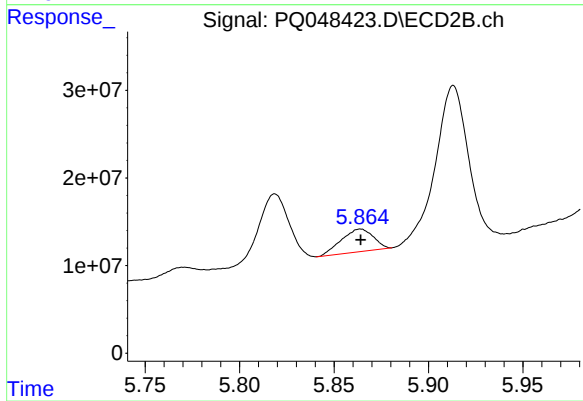
#13 AR-1232-3

R.T.: 5.771 min  
Delta R.T.: 0.002 min  
Response: 611197  
Conc: 13.10 ng/ml



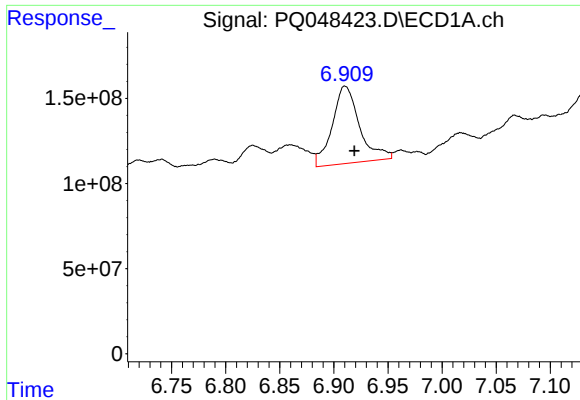
#14 AR-1232-4

R.T.: 6.825 min  
Delta R.T.: 0.000 min  
Response: 288446084  
Conc: 3091.18 ng/ml



#14 AR-1232-4

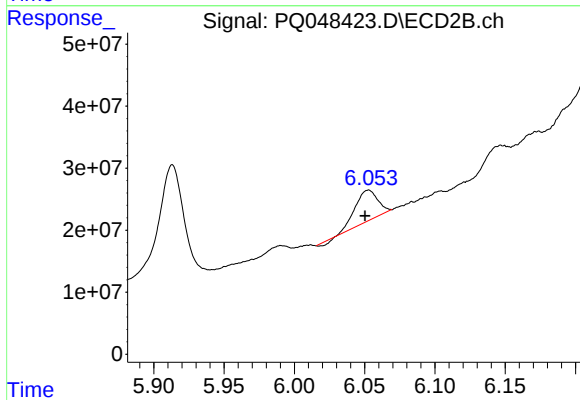
R.T.: 5.864 min  
Delta R.T.: 0.000 min  
Response: 30648007  
Conc: 718.42 ng/ml



#15 AR-1232-5

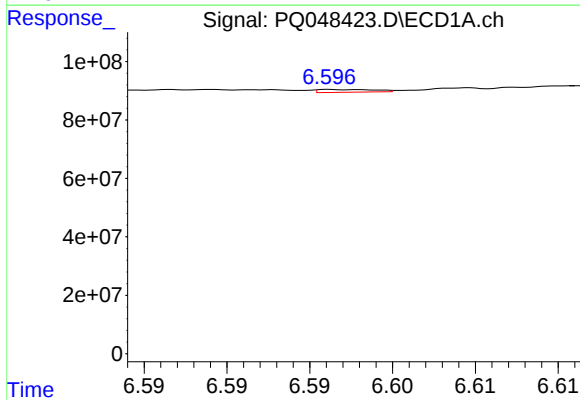
R.T.: 6.910 min  
Delta R.T.: -0.009 min  
Response: 798881925  
Conc: 11357.49 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



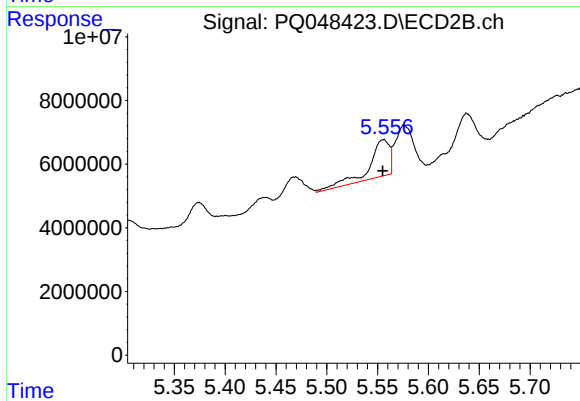
#15 AR-1232-5

R.T.: 6.053 min  
Delta R.T.: 0.003 min  
Response: 52669401  
Conc: 1168.16 ng/ml



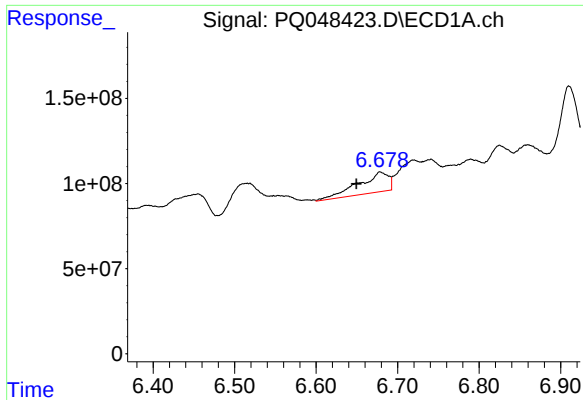
#16 AR-1242-1

R.T.: 6.597 min  
Delta R.T.: -0.027 min  
Response: 2236092  
Conc: 10.92 ng/ml



#16 AR-1242-1

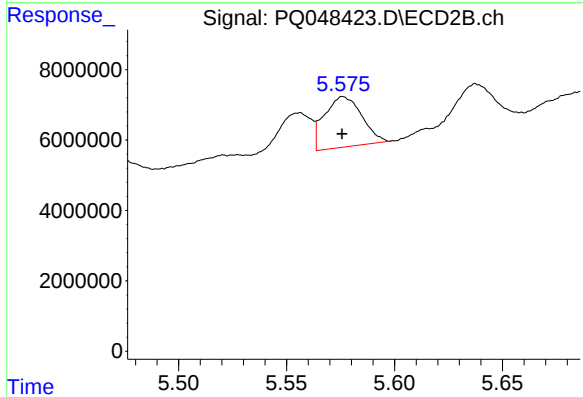
R.T.: 5.556 min  
Delta R.T.: 0.000 min  
Response: 15855138  
Conc: 155.79 ng/ml



#17 AR-1242-2

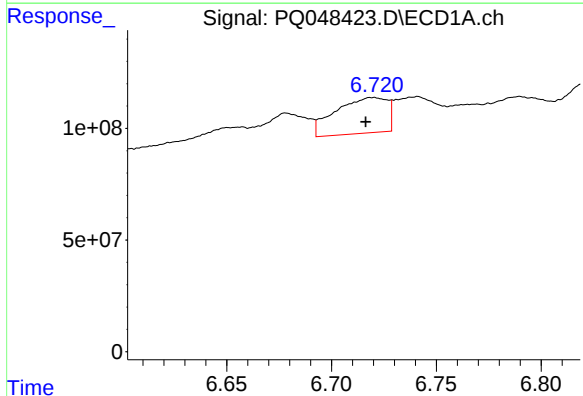
R.T.: 6.679 min  
Delta R.T.: 0.029 min  
Response: 303125067  
Conc: 1086.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



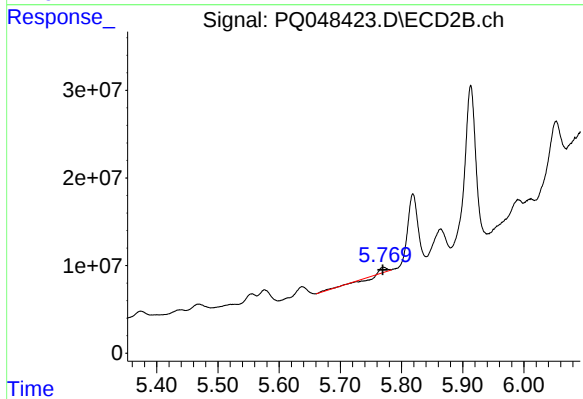
#17 AR-1242-2

R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 17334048  
Conc: 124.94 ng/ml



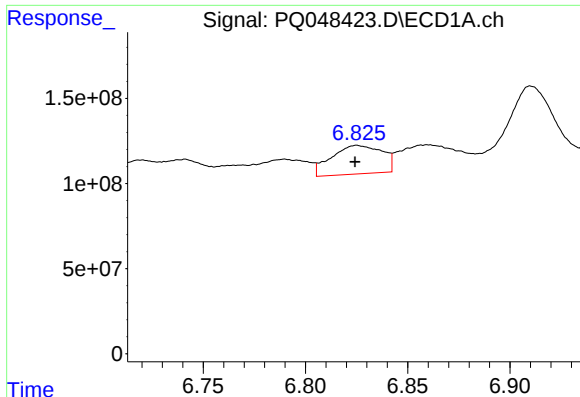
#18 AR-1242-3

R.T.: 6.720 min  
Delta R.T.: 0.003 min  
Response: 274382207  
Conc: 1575.71 ng/ml



#18 AR-1242-3

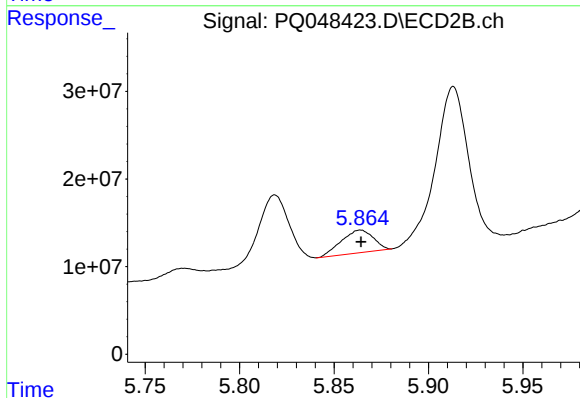
R.T.: 5.771 min  
Delta R.T.: 0.002 min  
Response: 611197  
Conc: 8.23 ng/ml



#19 AR-1242-4

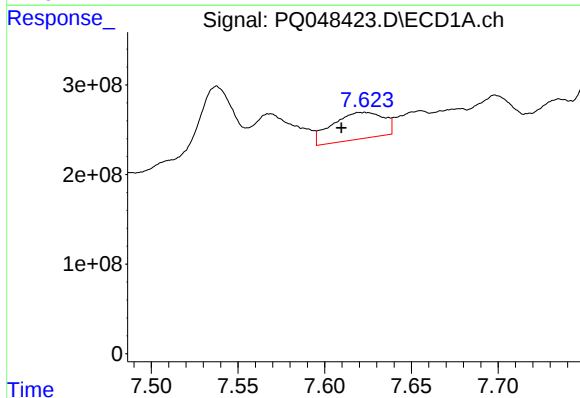
R.T.: 6.825 min  
Delta R.T.: 0.000 min  
Response: 288446084  
Conc: 1994.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



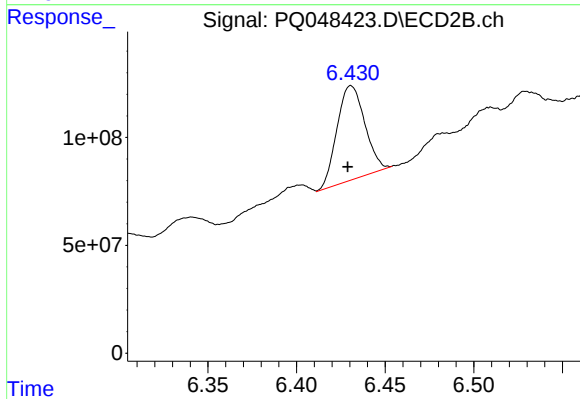
#19 AR-1242-4

R.T.: 5.864 min  
Delta R.T.: 0.000 min  
Response: 30648007  
Conc: 408.23 ng/ml



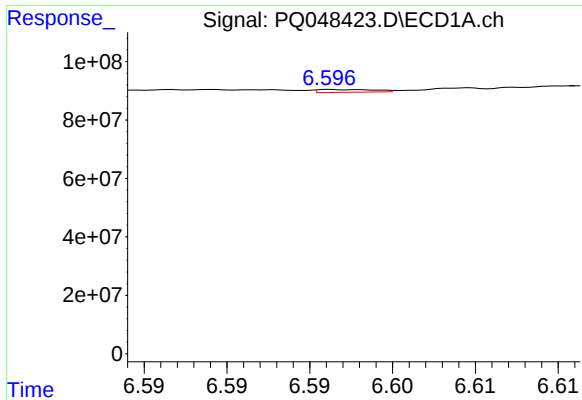
#20 AR-1242-5

R.T.: 7.623 min  
Delta R.T.: 0.013 min  
Response: 610311858  
Conc: 3596.70 ng/ml



#20 AR-1242-5

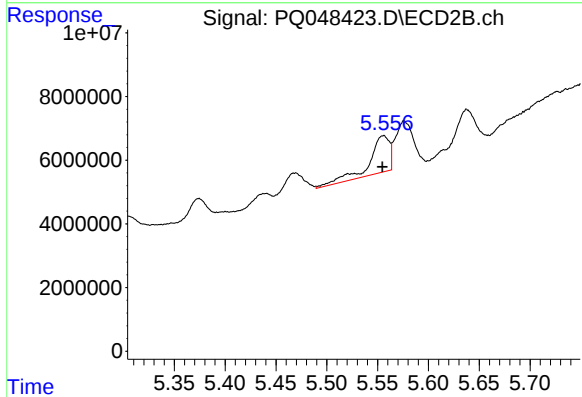
R.T.: 6.431 min  
Delta R.T.: 0.002 min  
Response: 476351038  
Conc: 4556.35 ng/ml



#21 AR-1248-1

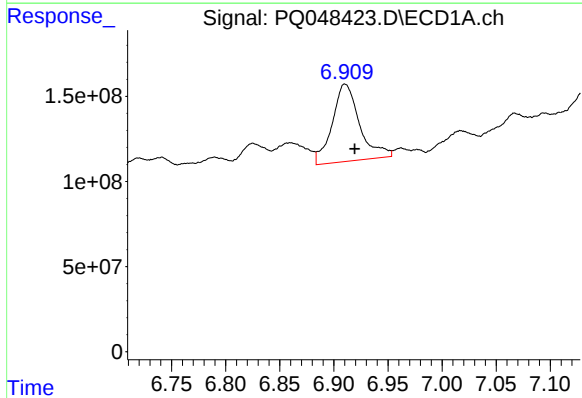
R.T.: 6.597 min  
Delta R.T.: -0.027 min  
Response: 2236092  
Conc: 12.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



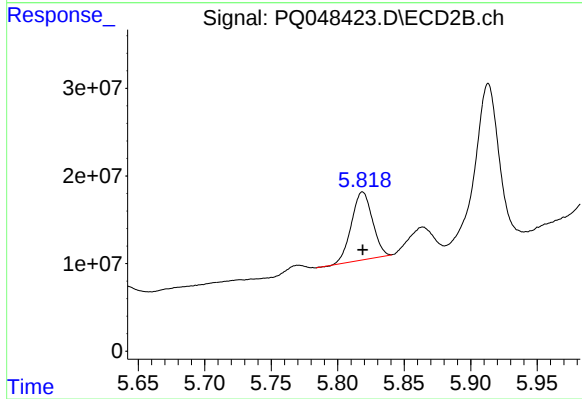
#21 AR-1248-1

R.T.: 5.556 min  
Delta R.T.: 0.000 min  
Response: 15855138  
Conc: 174.26 ng/ml



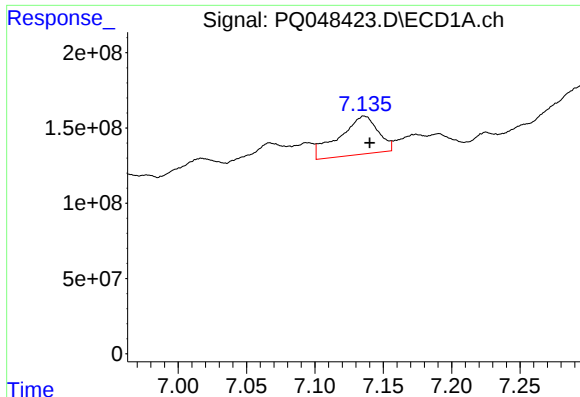
#22 AR-1248-2

R.T.: 6.910 min  
Delta R.T.: -0.009 min  
Response: 798881925  
Conc: 3344.83 ng/ml



#22 AR-1248-2

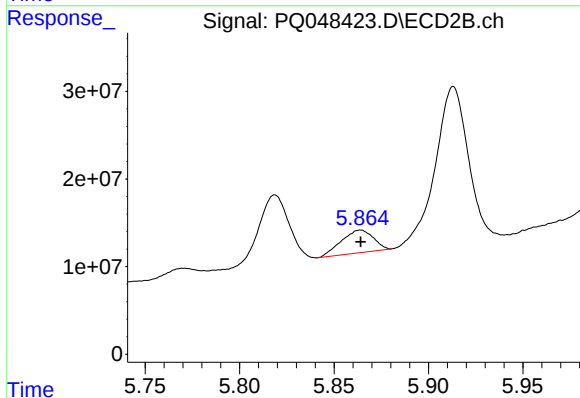
R.T.: 5.819 min  
Delta R.T.: 0.000 min  
Response: 85327793  
Conc: 709.29 ng/ml



#23 AR-1248-3

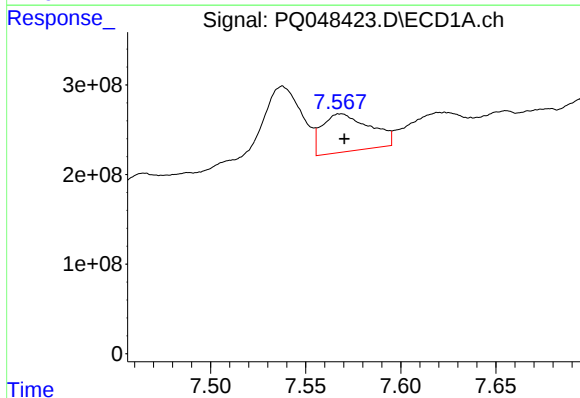
R.T.: 7.136 min  
Delta R.T.: -0.004 min  
Response: 501941211  
Conc: 1888.61 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



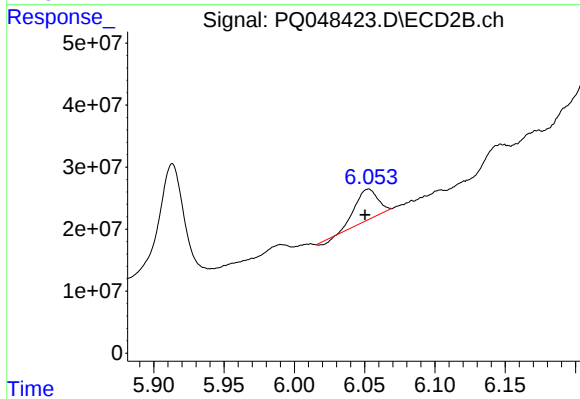
#23 AR-1248-3

R.T.: 5.864 min  
Delta R.T.: 0.000 min  
Response: 30648007  
Conc: 249.78 ng/ml



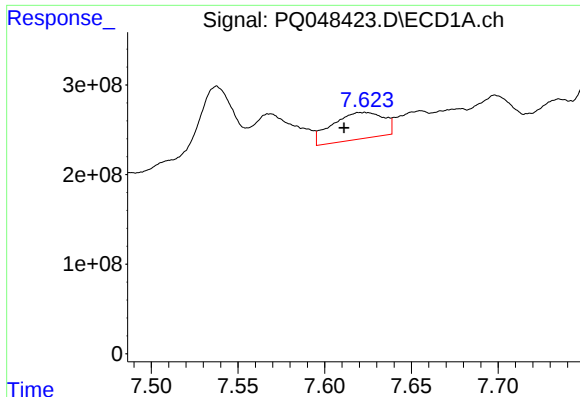
#24 AR-1248-4

R.T.: 7.568 min  
Delta R.T.: -0.002 min  
Response: 740031177  
Conc: 2293.76 ng/ml



#24 AR-1248-4

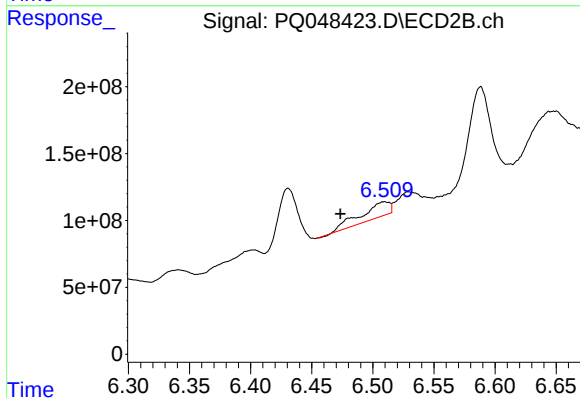
R.T.: 6.053 min  
Delta R.T.: 0.002 min  
Response: 52669401  
Conc: 362.56 ng/ml



#25 AR-1248-5

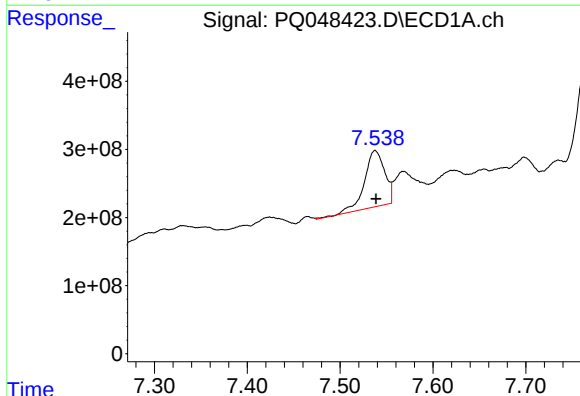
R.T.: 7.623 min  
Delta R.T.: 0.012 min  
Response: 610311858  
Conc: 1983.61 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



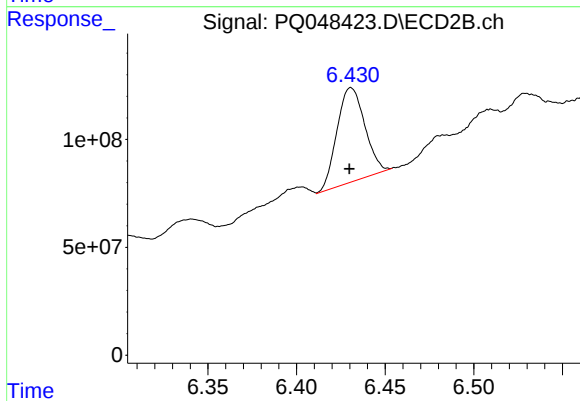
#25 AR-1248-5

R.T.: 6.510 min  
Delta R.T.: 0.036 min  
Response: 180952468  
Conc: 1143.12 ng/ml



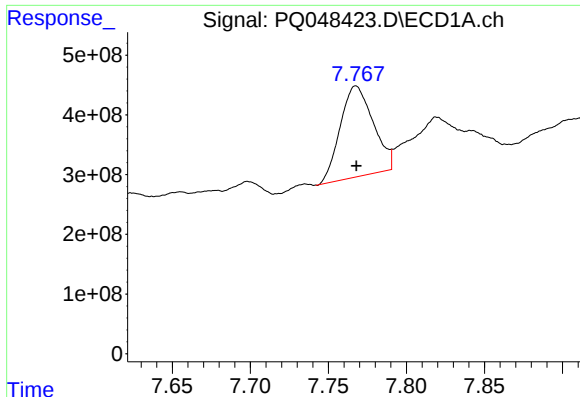
#26 AR-1254-1

R.T.: 7.538 min  
Delta R.T.: 0.000 min  
Response: 1247536682  
Conc: 3720.50 ng/ml



#26 AR-1254-1

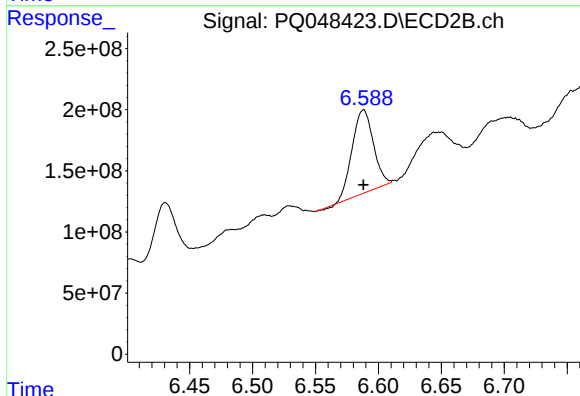
R.T.: 6.431 min  
Delta R.T.: 0.000 min  
Response: 476351038  
Conc: 1794.77 ng/ml



#27 AR-1254-2

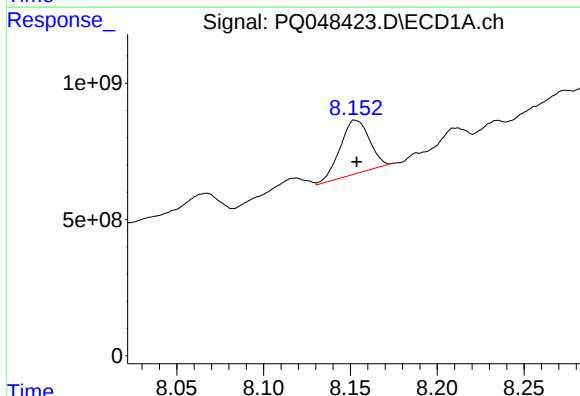
R.T.: 7.768 min  
Delta R.T.: 0.000 min  
Response: 2236067636  
Conc: 4288.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



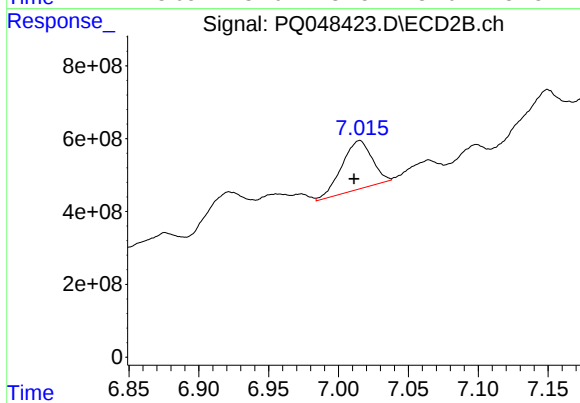
#27 AR-1254-2

R.T.: 6.588 min  
Delta R.T.: 0.000 min  
Response: 798185170  
Conc: 3410.10 ng/ml



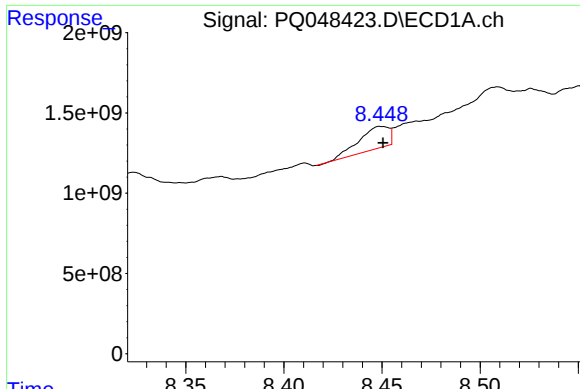
#28 AR-1254-3

R.T.: 8.153 min  
Delta R.T.: 0.000 min  
Response: 2305274149  
Conc: 4087.58 ng/ml



#28 AR-1254-3

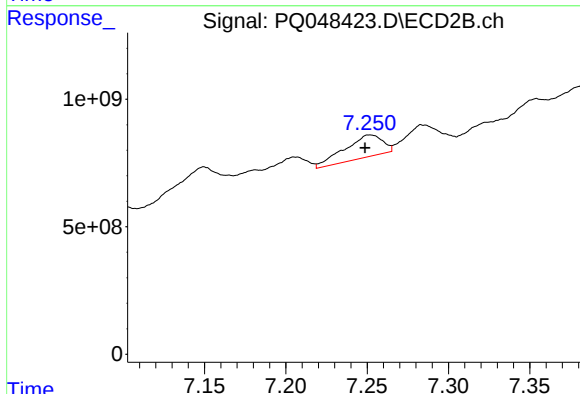
R.T.: 7.015 min  
Delta R.T.: 0.004 min  
Response: 2008482555  
Conc: 5036.45 ng/ml



#29 AR-1254-4

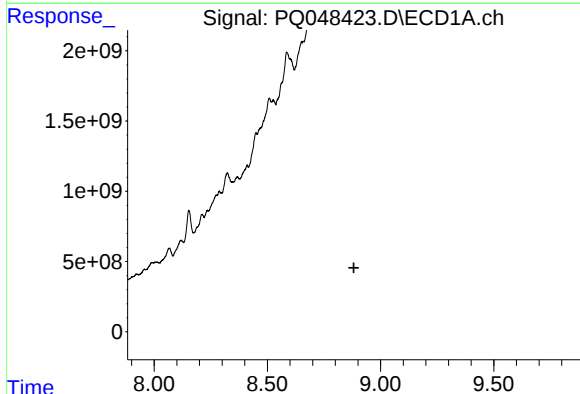
R.T.: 8.450 min  
Delta R.T.: 0.000 min  
Response: 1445537063  
Conc: 3193.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



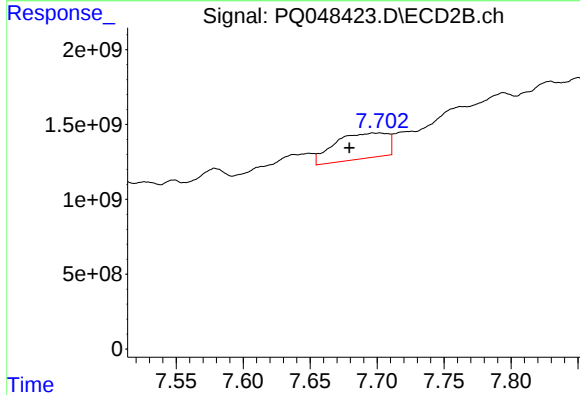
#29 AR-1254-4

R.T.: 7.252 min  
Delta R.T.: 0.003 min  
Response: 1405051708  
Conc: 5322.95 ng/ml



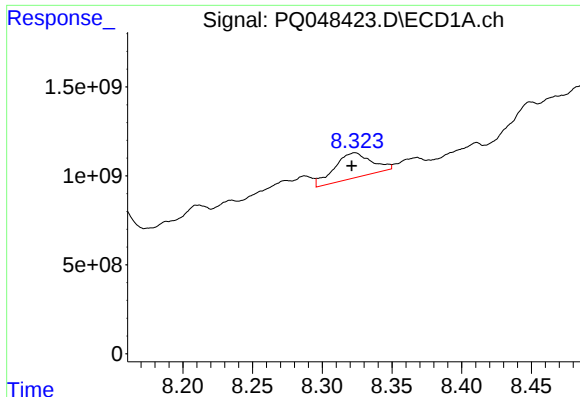
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 8.882 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

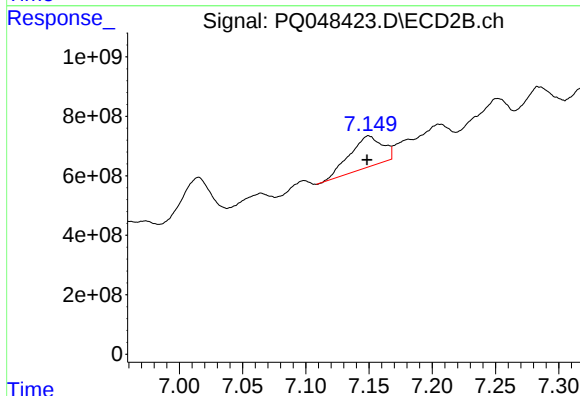
R.T.: 7.702 min  
Delta R.T.: 0.023 min  
Response: 4716794012  
Conc: 12853.85 ng/ml



#31 AR-1260-1

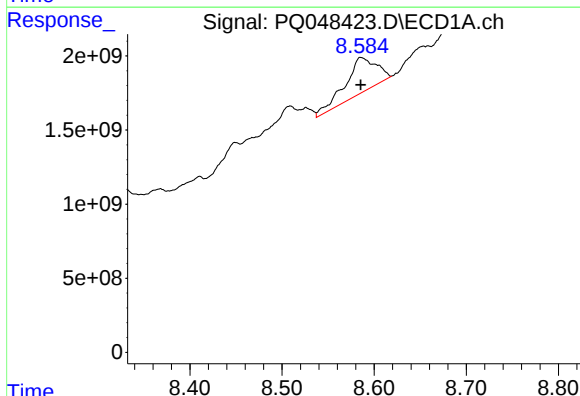
R.T.: 8.323 min  
Delta R.T.: 0.002 min  
Response: 2628072888  
Conc: 7510.99 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



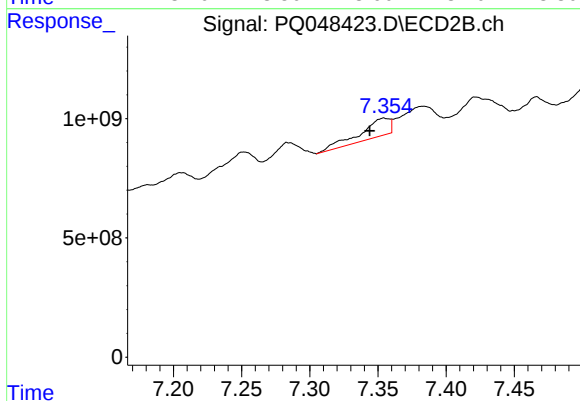
#31 AR-1260-1

R.T.: 7.150 min  
Delta R.T.: 0.001 min  
Response: 1874739948  
Conc: 8511.85 ng/ml



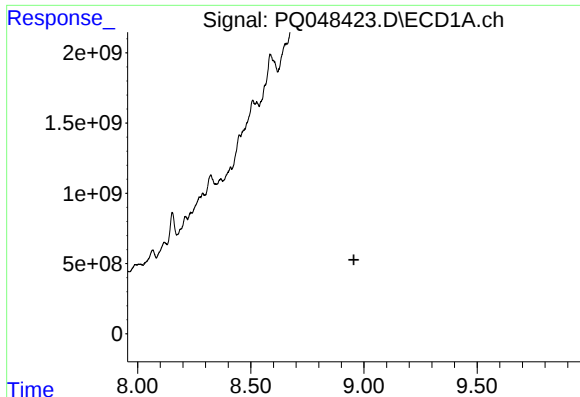
#32 AR-1260-2

R.T.: 8.586 min  
Delta R.T.: 0.000 min  
Response: 5498402718  
Conc: 12409.68 ng/ml



#32 AR-1260-2

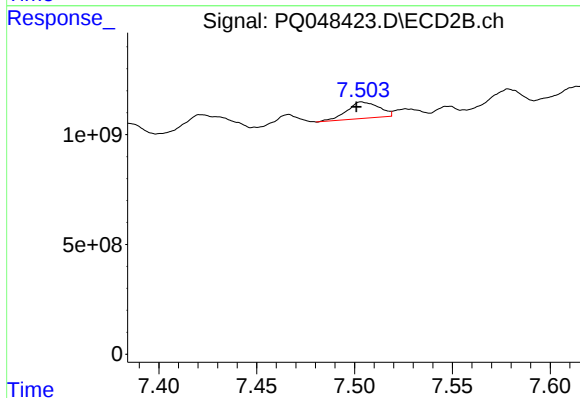
R.T.: 7.354 min  
Delta R.T.: 0.011 min  
Response: 1144834368  
Conc: 4107.96 ng/ml



#33 AR-1260-3

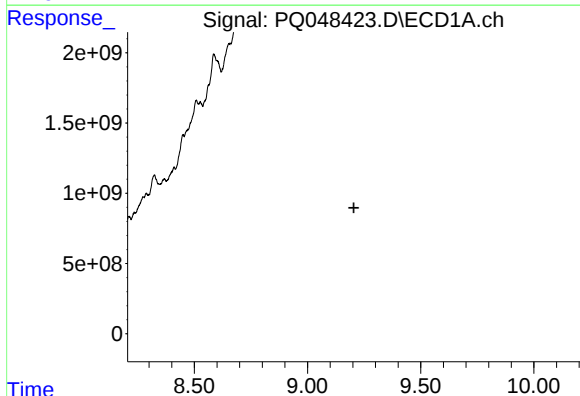
R.T.: 0.000 min  
Exp R.T.: 8.956 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



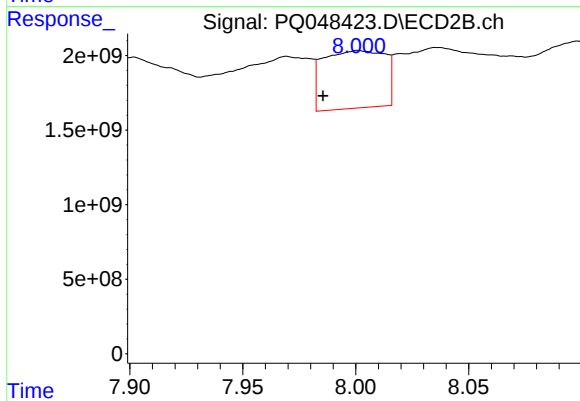
#33 AR-1260-3

R.T.: 7.504 min  
Delta R.T.: 0.003 min  
Response: 844915768  
Conc: 3328.82 ng/ml



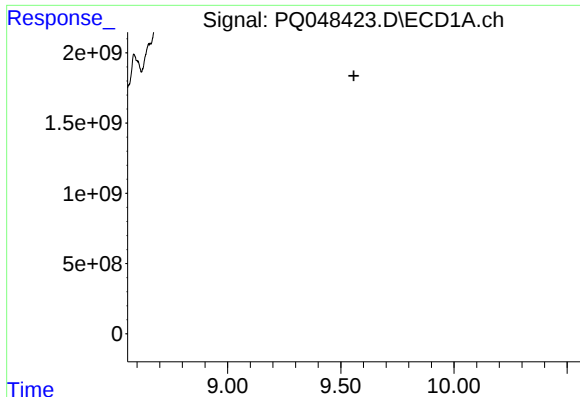
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 9.205 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

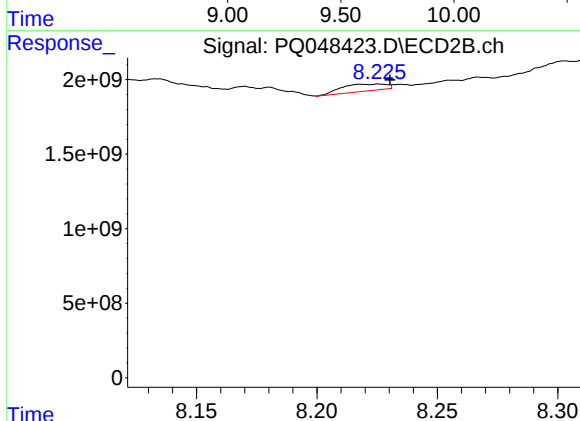
R.T.: 8.001 min  
Delta R.T.: 0.016 min  
Response: 7322330499  
Conc: 32269.32 ng/ml



#35 AR-1260-5

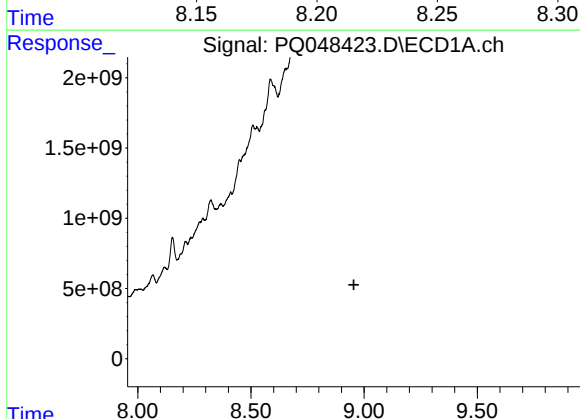
R.T.: 0.000 min  
Exp R.T. : 9.558 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



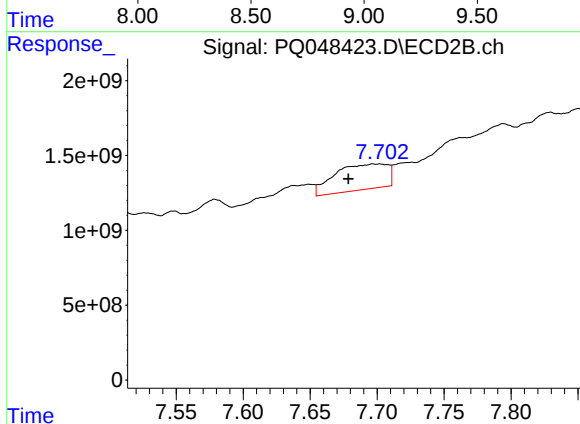
#35 AR-1260-5

R.T.: 8.226 min  
Delta R.T.: -0.005 min  
Response: 608089089  
Conc: 1038.75 ng/ml



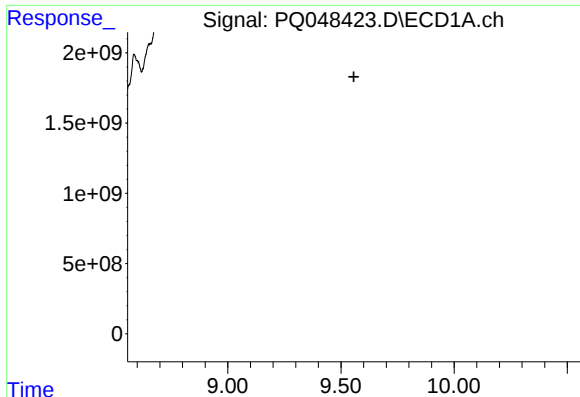
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 8.955 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

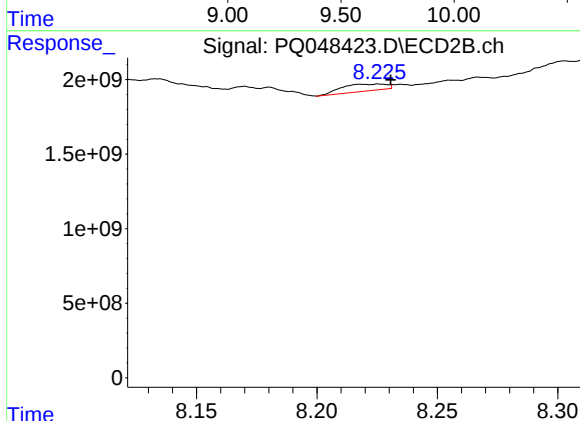
R.T.: 7.702 min  
Delta R.T.: 0.023 min  
Response: 4716794012  
Conc: 24507.19 ng/ml



#37 AR-1262-2

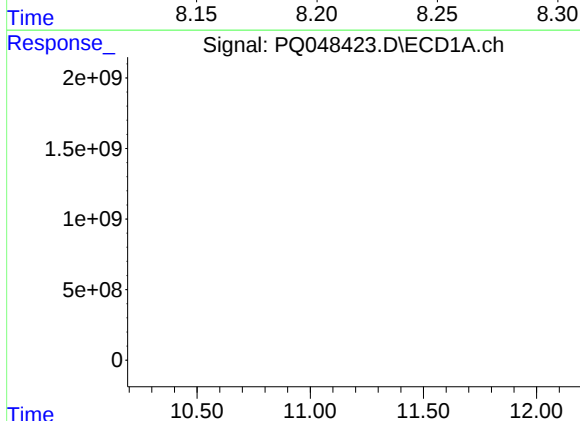
R.T.: 0.000 min  
Exp R.T. : 9.557 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
04-A-04-B-04-C



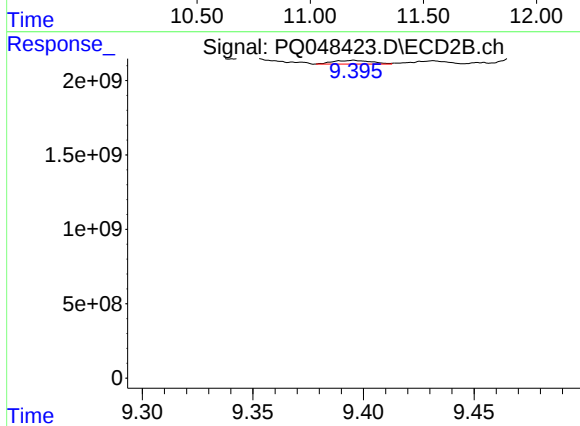
#37 AR-1262-2

R.T.: 8.226 min  
Delta R.T.: -0.005 min  
Response: 608089089  
Conc: 810.96 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 11.193 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.395 min  
Delta R.T.: 0.000 min  
Response: 293528582  
Conc: 123.64 ng/ml