

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121718\  
 Data File : PQ035619.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Dec 2018 20:38  
 Operator : SM\SJ  
 Sample : J6403-41  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 18 01:34:26 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Dec 12 22:07:58 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|----------|--------|----------|
| -----                       |                 |        |       |          |          |        |          |
| System Monitoring Compounds |                 |        |       |          |          |        |          |
| 1)                          | SA Tetrachlo... | 4.431  | 3.742 | 53885990 | 30950361 | 13.772 | 13.852   |
| 2)                          | SA Decachlor... | 10.133 | 8.722 | 25775322 | 17761770 | 8.745  | 10.049   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.618  | 4.838 | 2691255  | 3844707  | 21.034 | 49.864 # |
| 4)                          | L1 AR-1016-2    | 5.618  | 4.838 | 2691255  | 3844707  | 14.032 | 33.976 # |
| 5)                          | L1 AR-1016-3    | 5.750  | 0.000 | 1411656  | 0        | 12.334 | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.750  | 0.000 | 1411656  | 0        | 14.824 | N.D. #   |
| 7)                          | L1 AR-1016-5    | 6.033  | 5.217 | 1023102  | 2047741  | 11.238 | 33.357 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.162 | 0        | 2424932  | N.D.   | 49.916 # |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.162 | 0        | 2424932  | N.D.   | 55.073 # |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.838 | 0        | 3844707  | N.D.   | 78.364 # |
| 13)                         | L3 AR-1232-3    | 5.618  | 0.000 | 2691255  | 0        | 32.913 | N.D. #   |
| 14)                         | L3 AR-1232-4    | 5.750  | 0.000 | 1411656  | 0        | 35.254 | N.D. #   |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.217 | 0        | 2047741  | N.D.   | 81.984 # |
| 16)                         | L4 AR-1242-1    | 5.618  | 4.838 | 2691255  | 3844707  | 27.895 | 64.974 # |
| 17)                         | L4 AR-1242-2    | 5.618  | 4.838 | 2691255  | 3844707  | 18.549 | 44.649 # |
| 18)                         | L4 AR-1242-3    | 5.750  | 0.000 | 1411656  | 0        | 16.317 | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.750  | 0.000 | 1411656  | 0        | 20.406 | N.D. #   |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.617 | 0        | 4599275  | N.D.   | 83.336 # |
| 21)                         | L5 AR-1248-1    | 5.618  | 4.838 | 2691255  | 3844707  | 40.773 | 97.446 # |
| 23)                         | L5 AR-1248-3    | 6.033  | 0.000 | 1023102  | 0        | 9.791  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.448  | 5.217 | 5214916  | 2047741  | 42.347 | 29.581 # |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.617 | 0        | 4599275  | N.D.   | 65.254 # |
| 26)                         | L6 AR-1254-1    | 6.448  | 5.617 | 5214916  | 4599275  | 34.256 | 34.480   |
| 27)                         | L6 AR-1254-2    | 6.665  | 5.763 | 5339093  | 1784260  | 22.565 | 15.442 # |
| 28)                         | L6 AR-1254-3    | 7.035  | 6.173 | 4565348  | 5264654  | 17.781 | 27.270 # |
| 29)                         | L6 AR-1254-4    | 7.379  | 0.000 | 1400675  | 0        | 7.725  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 7.736  | 6.806 | 8918919  | 7545744  | 45.470 | 46.332   |
| 31)                         | L7 AR-1260-1    | 7.192  | 6.291 | 6685602  | 5637514  | 36.256 | 44.818   |
| 32)                         | L7 AR-1260-2    | 7.449  | 6.479 | 11674483 | 6358067  | 53.729 | 42.103   |
| 33)                         | L7 AR-1260-3    | 7.807  | 6.632 | 4287176  | 4756113  | 32.003 | 34.037   |
| 34)                         | L7 AR-1260-4    | 8.035  | 7.100 | 5245371  | 3076430  | 31.827 | 33.131   |
| 35)                         | L7 AR-1260-5    | 8.355  | 7.341 | 10095692 | 8656533  | 33.859 | 38.577   |
| 36)                         | L8 AR-1262-1    | 7.807  | 6.840 | 4287176  | 4042903  | 19.569 | 26.344 # |
| 37)                         | L8 AR-1262-2    | 8.355  | 7.341 | 10095692 | 8656533  | 26.799 | 32.438   |
| 38)                         | L8 AR-1262-3    | 8.685  | 7.686 | 5837951  | 6101250  | 24.285 | 58.789 # |
| 39)                         | L8 AR-1262-4    | 8.737  | 7.686 | 3471210  | 6101250  | 19.213 | 32.936 # |
| 40)                         | L8 AR-1262-5    | 9.407  | 0.000 | 1909575  | 0        | 16.768 | N.D. #   |
| 41)                         | L9 AR-1268-1    | 8.685  | 7.686 | 5837951  | 6101250  | 12.100 | 18.297 # |
| 42)                         | L9 AR-1268-2    | 8.737  | 7.686 | 3471210  | 6101250  | 8.045  | 20.588 # |
| 44)                         | L9 AR-1268-4    | 9.407  | 0.000 | 1909575  | 0        | 13.929 | N.D. #   |
| -----                       |                 |        |       |          |          |        |          |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121718\  
Data File : PQ035619.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Dec 2018 20:38  
Operator : SM\SJ  
Sample : J6403-41  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

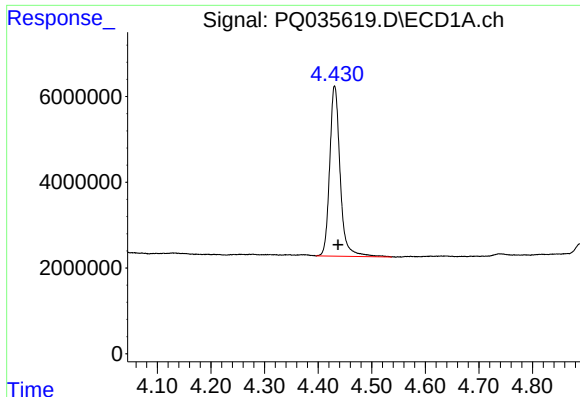
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 18 01:34:26 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Dec 12 22:07:58 2018  
Response via : Initial Calibration  
Integrator: ChemStation

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

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

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

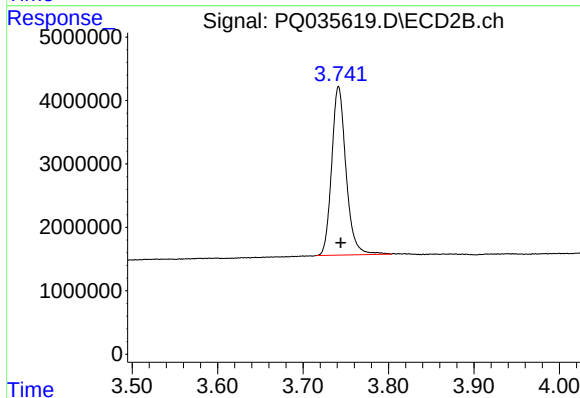




#1 Tetrachloro-m-xylene

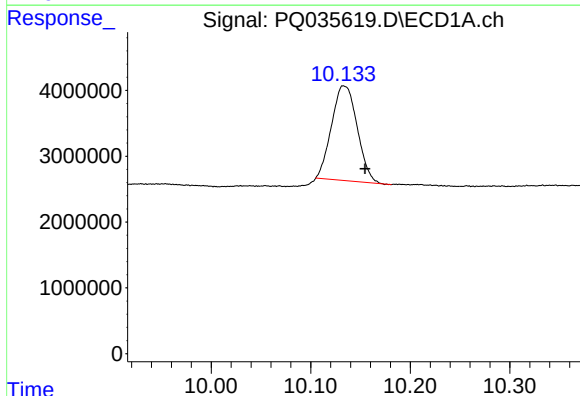
R.T.: 4.431 min  
Delta R.T.: -0.006 min  
Response: 53885990  
Conc: 13.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



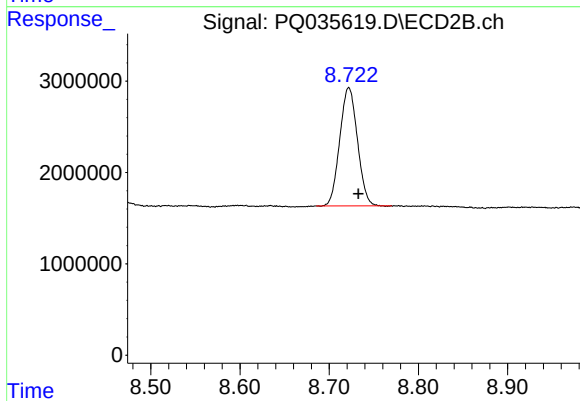
#1 Tetrachloro-m-xylene

R.T.: 3.742 min  
Delta R.T.: -0.003 min  
Response: 30950361  
Conc: 13.85 ng/ml



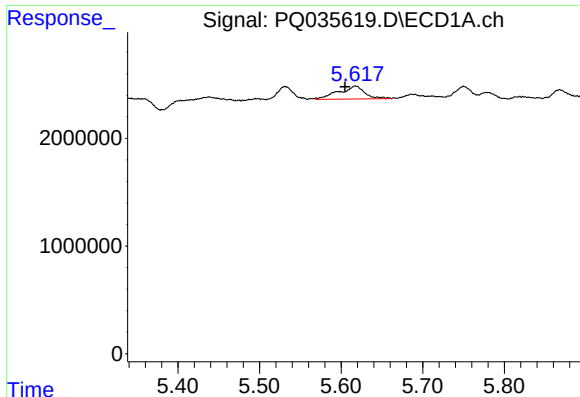
#2 Decachlorobiphenyl

R.T.: 10.133 min  
Delta R.T.: -0.022 min  
Response: 25775322  
Conc: 8.74 ng/ml



#2 Decachlorobiphenyl

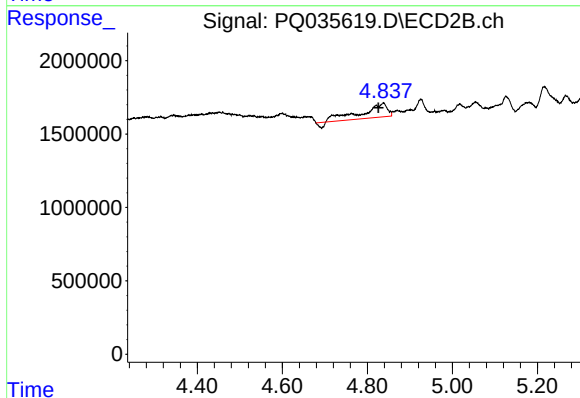
R.T.: 8.722 min  
Delta R.T.: -0.011 min  
Response: 17761770  
Conc: 10.05 ng/ml



#3 AR-1016-1

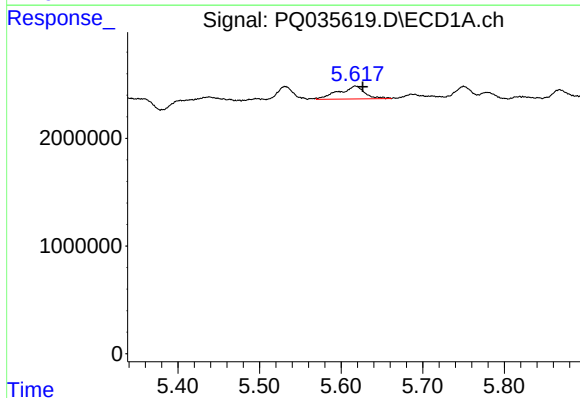
R.T.: 5.618 min  
Delta R.T.: 0.013 min  
Response: 2691255  
Conc: 21.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



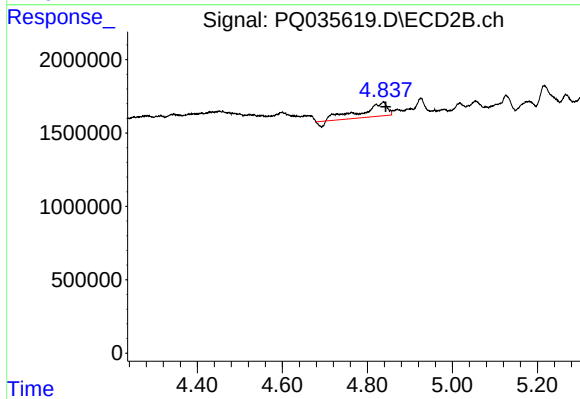
#3 AR-1016-1

R.T.: 4.838 min  
Delta R.T.: 0.012 min  
Response: 3844707  
Conc: 49.86 ng/ml



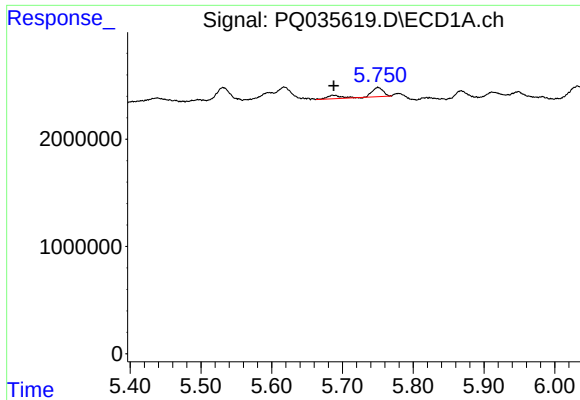
#4 AR-1016-2

R.T.: 5.618 min  
Delta R.T.: -0.009 min  
Response: 2691255  
Conc: 14.03 ng/ml



#4 AR-1016-2

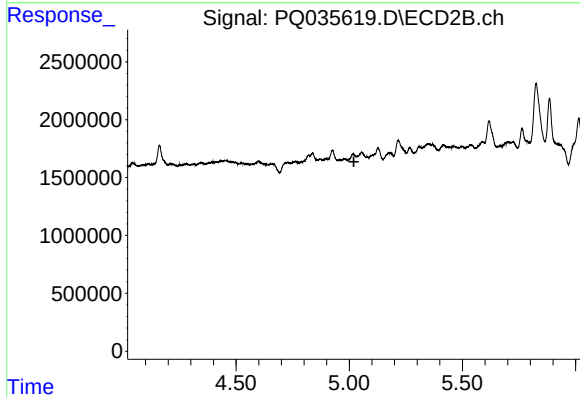
R.T.: 4.838 min  
Delta R.T.: -0.005 min  
Response: 3844707  
Conc: 33.98 ng/ml



#5 AR-1016-3

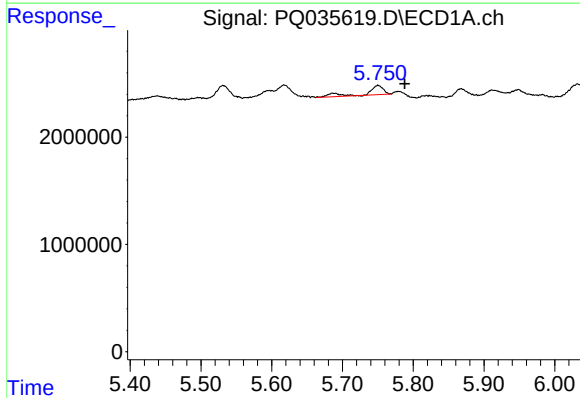
R.T.: 5.750 min  
Delta R.T.: 0.062 min  
Response: 1411656  
Conc: 12.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



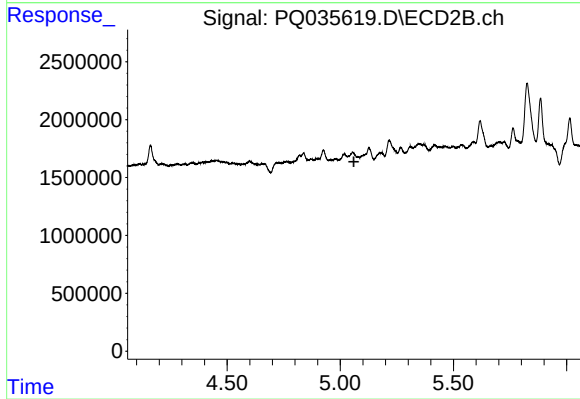
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.020 min  
Response: 0  
Conc: N.D.



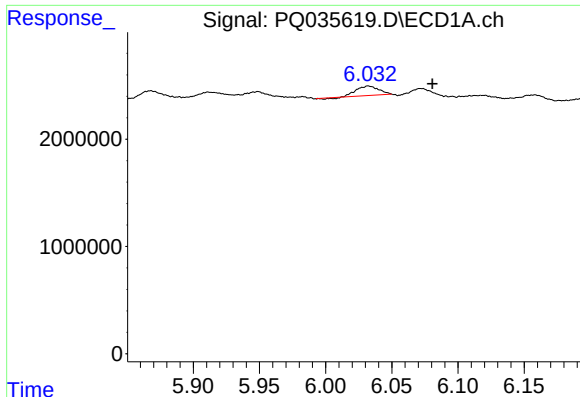
#6 AR-1016-4

R.T.: 5.750 min  
Delta R.T.: -0.038 min  
Response: 1411656  
Conc: 14.82 ng/ml



#6 AR-1016-4

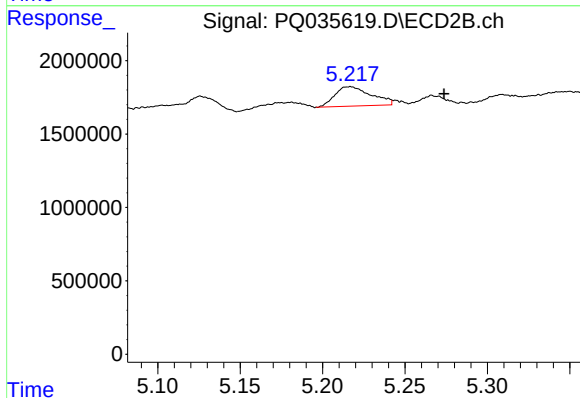
R.T.: 0.000 min  
Exp R.T. : 5.060 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

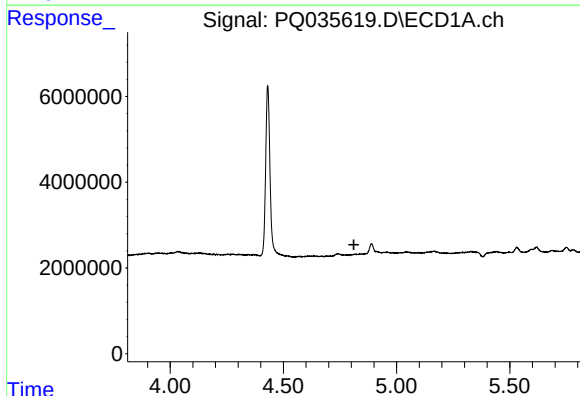
R.T.: 6.033 min  
Delta R.T.: -0.048 min  
Response: 1023102  
Conc: 11.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



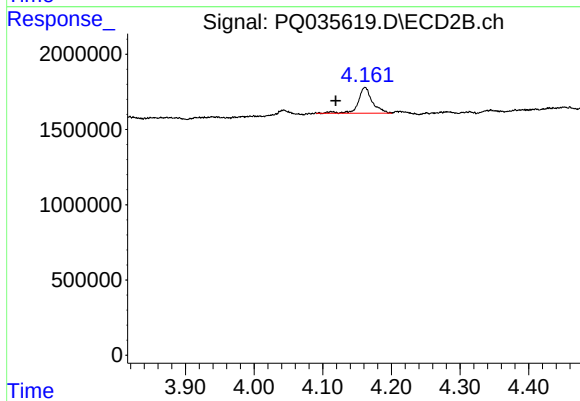
#7 AR-1016-5

R.T.: 5.217 min  
Delta R.T.: -0.057 min  
Response: 2047741  
Conc: 33.36 ng/ml



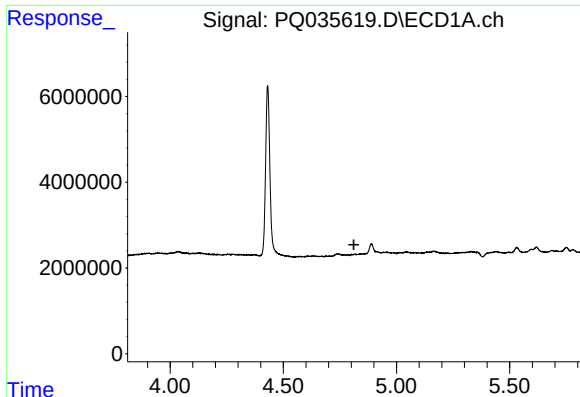
#10 AR-1221-3

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



#10 AR-1221-3

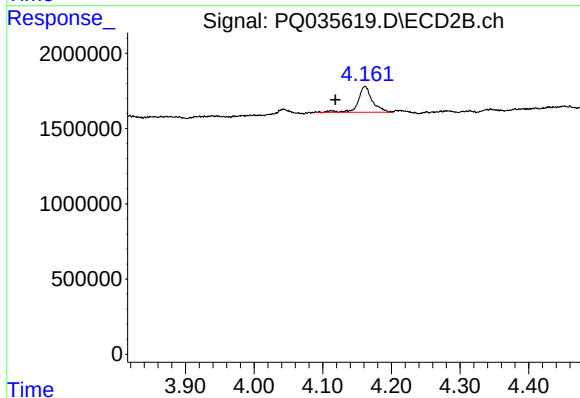
R.T.: 4.162 min  
Delta R.T.: 0.043 min  
Response: 2424932  
Conc: 49.92 ng/ml



#11 AR-1232-1

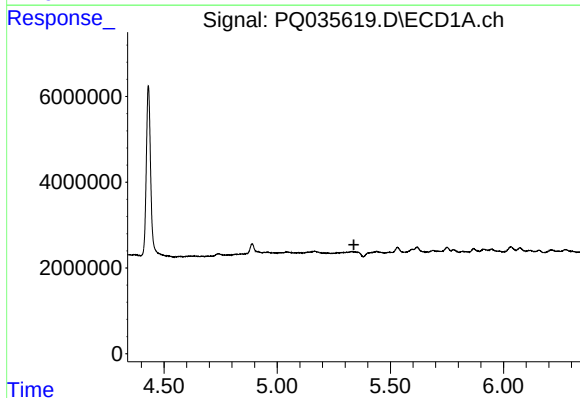
R.T.: 0.000 min  
Exp R.T. : 4.812 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



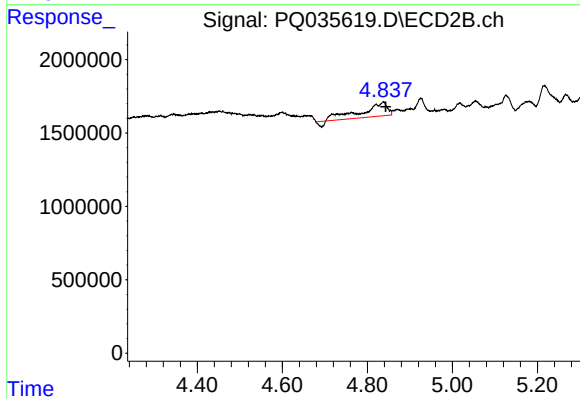
#11 AR-1232-1

R.T.: 4.162 min  
Delta R.T.: 0.043 min  
Response: 2424932  
Conc: 55.07 ng/ml



#12 AR-1232-2

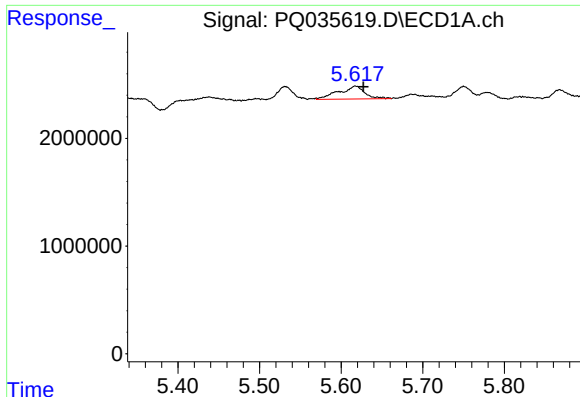
R.T.: 0.000 min  
Exp R.T. : 5.339 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

R.T.: 4.838 min  
Delta R.T.: -0.005 min  
Response: 3844707  
Conc: 78.36 ng/ml

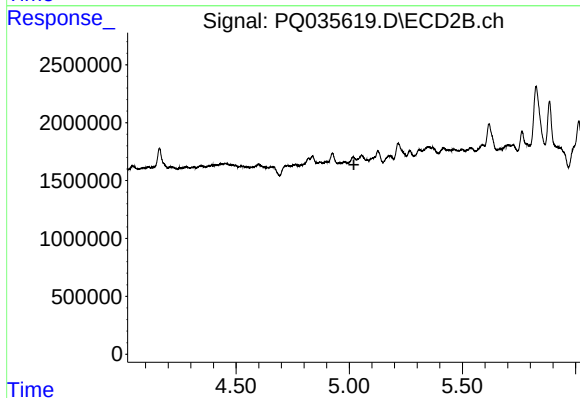




#13 AR-1232-3

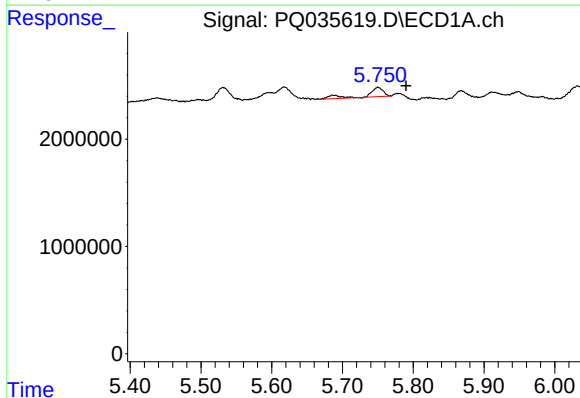
R.T.: 5.618 min  
Delta R.T.: -0.010 min  
Response: 2691255  
Conc: 32.91 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



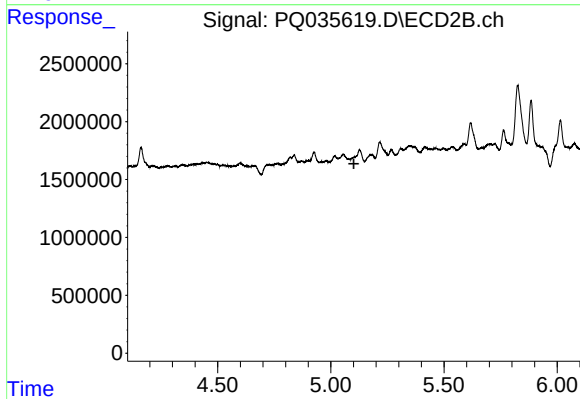
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.020 min  
Response: 0  
Conc: N.D.



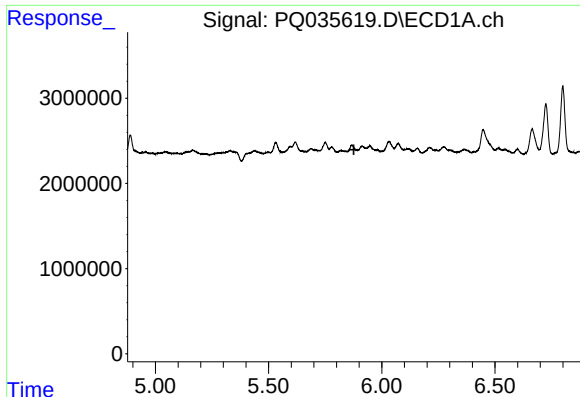
#14 AR-1232-4

R.T.: 5.750 min  
Delta R.T.: -0.040 min  
Response: 1411656  
Conc: 35.25 ng/ml



#14 AR-1232-4

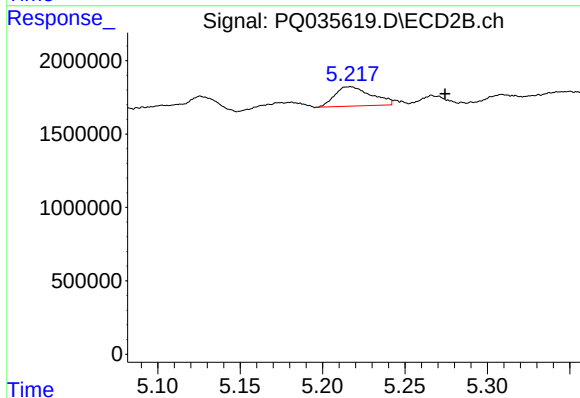
R.T.: 0.000 min  
Exp R.T. : 5.102 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

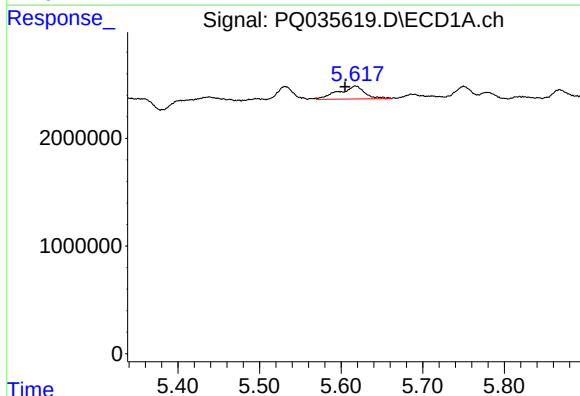
R.T.: 0.000 min  
Exp R.T.: 5.877 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



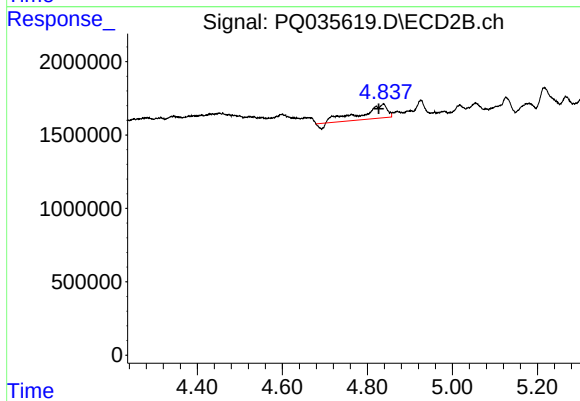
#15 AR-1232-5

R.T.: 5.217 min  
Delta R.T.: -0.058 min  
Response: 2047741  
Conc: 81.98 ng/ml



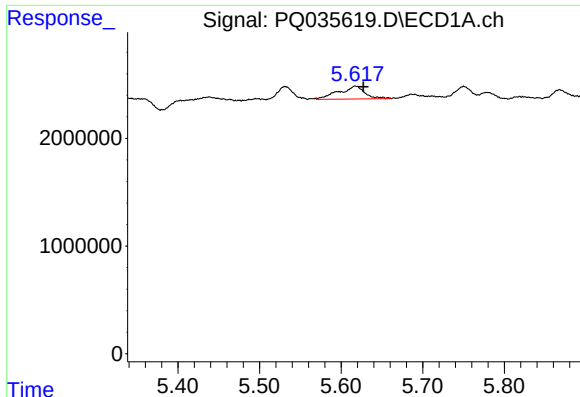
#16 AR-1242-1

R.T.: 5.618 min  
Delta R.T.: 0.013 min  
Response: 2691255  
Conc: 27.89 ng/ml



#16 AR-1242-1

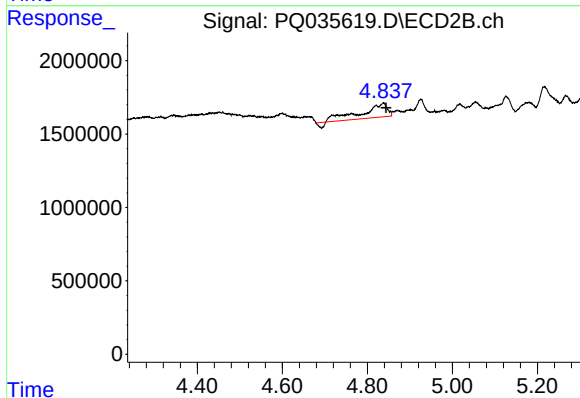
R.T.: 4.838 min  
Delta R.T.: 0.012 min  
Response: 3844707  
Conc: 64.97 ng/ml



#17 AR-1242-2

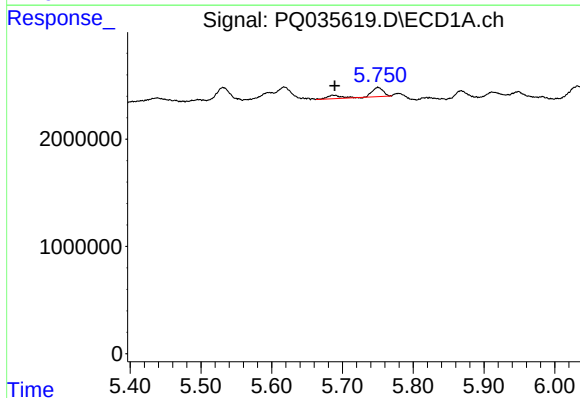
R.T.: 5.618 min  
Delta R.T.: -0.010 min  
Response: 2691255  
Conc: 18.55 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



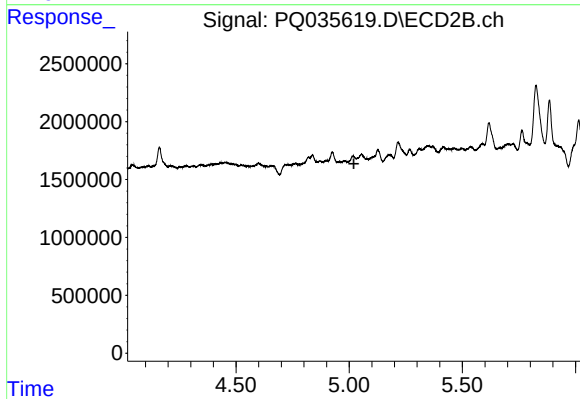
#17 AR-1242-2

R.T.: 4.838 min  
Delta R.T.: -0.006 min  
Response: 3844707  
Conc: 44.65 ng/ml



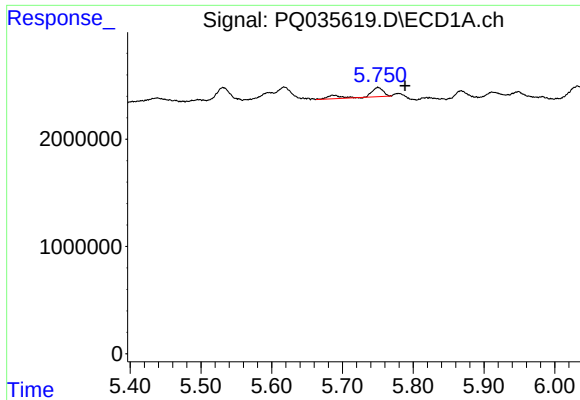
#18 AR-1242-3

R.T.: 5.750 min  
Delta R.T.: 0.061 min  
Response: 1411656  
Conc: 16.32 ng/ml



#18 AR-1242-3

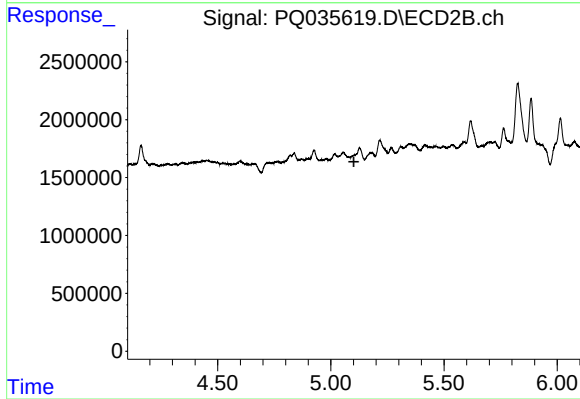
R.T.: 0.000 min  
Exp R.T.: 5.021 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

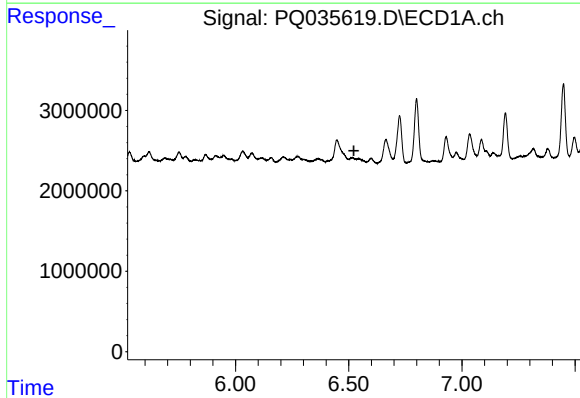
R.T.: 5.750 min  
Delta R.T.: -0.038 min  
Response: 1411656  
Conc: 20.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



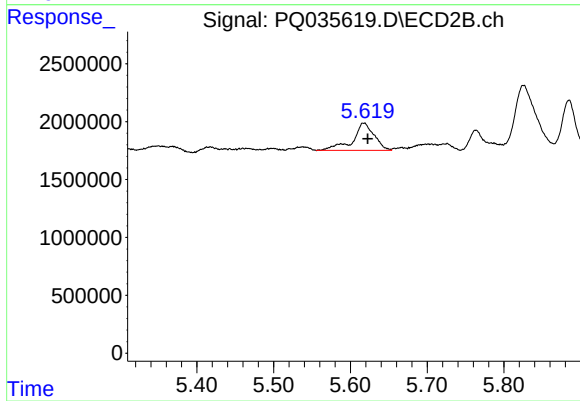
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.102 min  
Response: 0  
Conc: N.D.



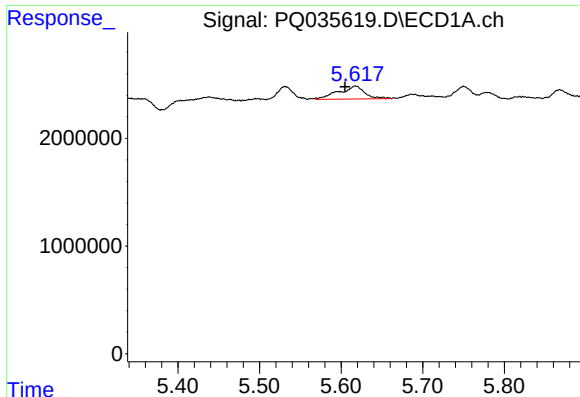
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 6.523 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

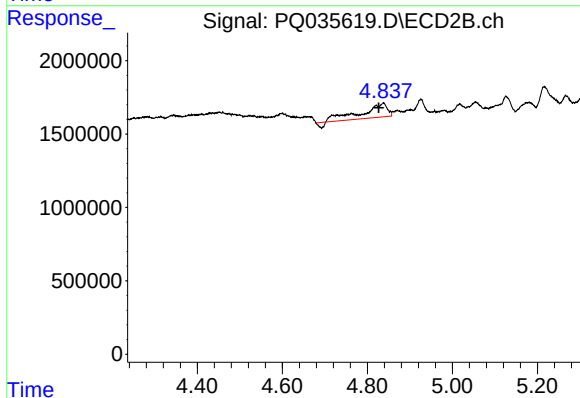
R.T.: 5.617 min  
Delta R.T.: -0.005 min  
Response: 4599275  
Conc: 83.34 ng/ml



#21 AR-1248-1

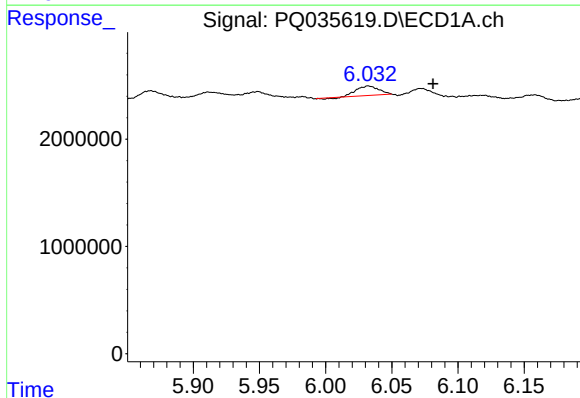
R.T.: 5.618 min  
Delta R.T.: 0.013 min  
Response: 2691255  
Conc: 40.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



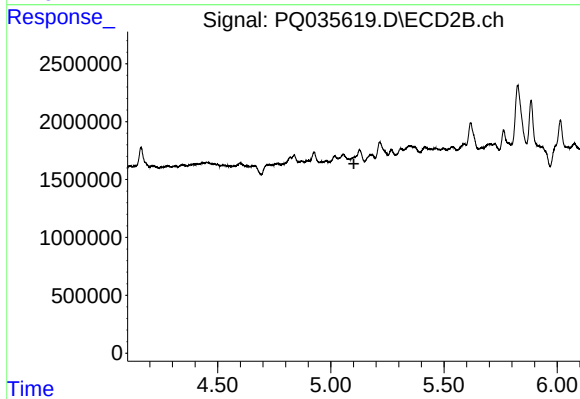
#21 AR-1248-1

R.T.: 4.838 min  
Delta R.T.: 0.011 min  
Response: 3844707  
Conc: 97.45 ng/ml



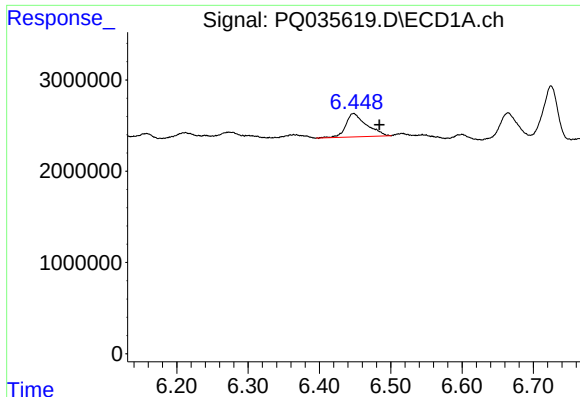
#23 AR-1248-3

R.T.: 6.033 min  
Delta R.T.: -0.049 min  
Response: 1023102  
Conc: 9.79 ng/ml



#23 AR-1248-3

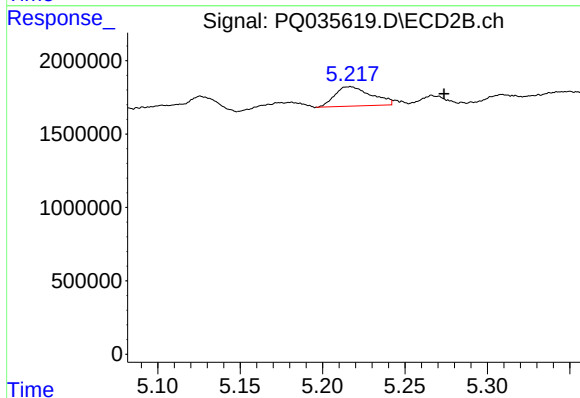
R.T.: 0.000 min  
Exp R.T.: 5.102 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

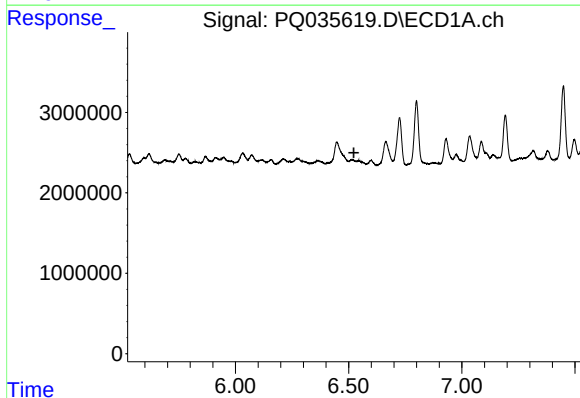
R.T.: 6.448 min  
Delta R.T.: -0.036 min  
Response: 5214916  
Conc: 42.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



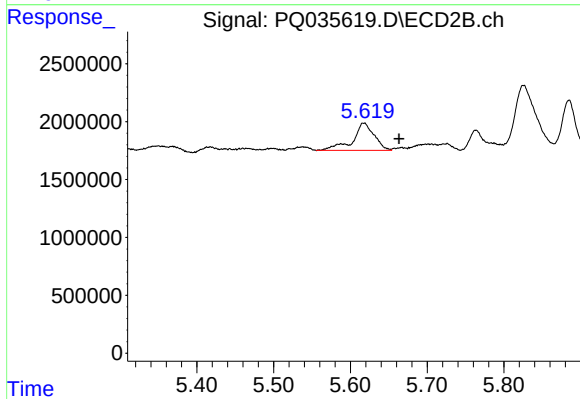
#24 AR-1248-4

R.T.: 5.217 min  
Delta R.T.: -0.057 min  
Response: 2047741  
Conc: 29.58 ng/ml



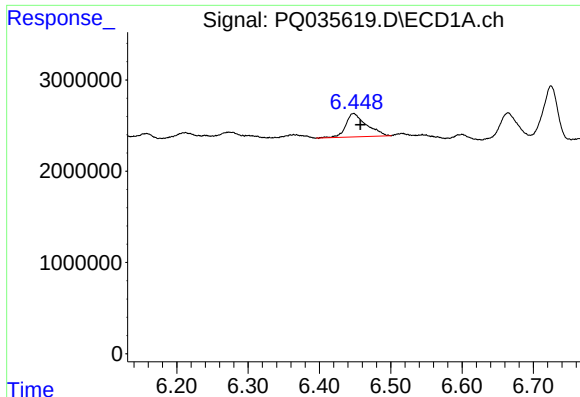
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.523 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

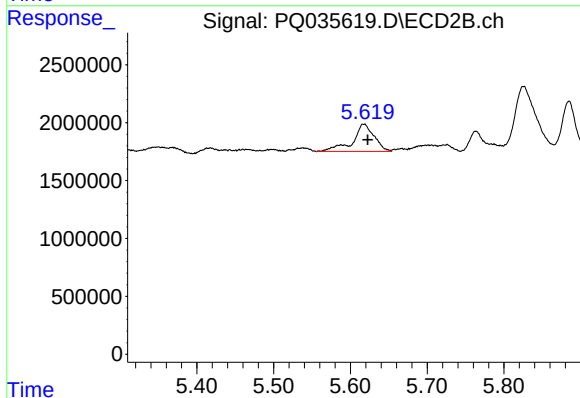
R.T.: 5.617 min  
Delta R.T.: -0.046 min  
Response: 4599275  
Conc: 65.25 ng/ml



#26 AR-1254-1

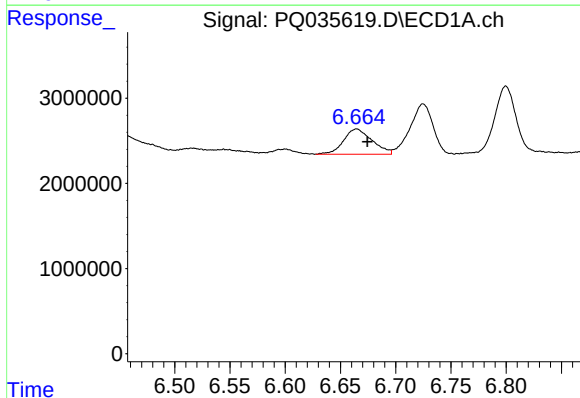
R.T.: 6.448 min  
Delta R.T.: -0.009 min  
Response: 5214916  
Conc: 34.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



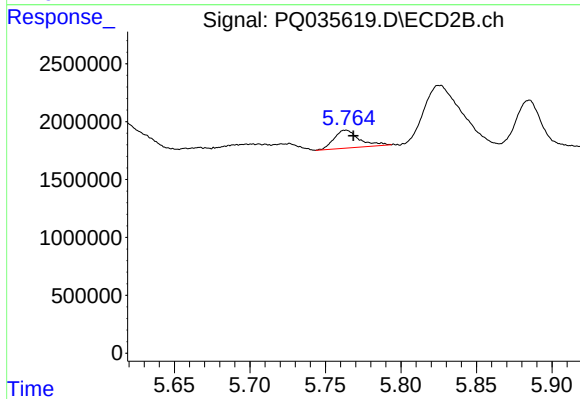
#26 AR-1254-1

R.T.: 5.617 min  
Delta R.T.: -0.005 min  
Response: 4599275  
Conc: 34.48 ng/ml



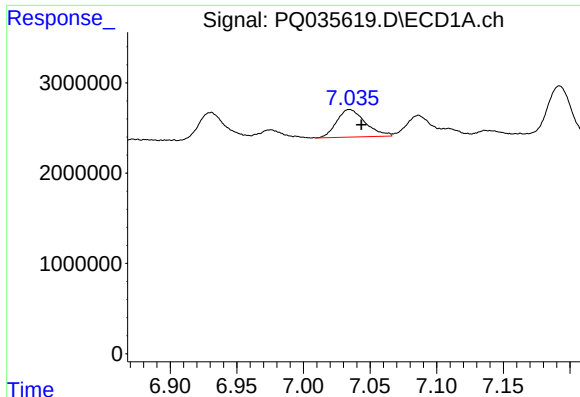
#27 AR-1254-2

R.T.: 6.665 min  
Delta R.T.: -0.010 min  
Response: 5339093  
Conc: 22.56 ng/ml



#27 AR-1254-2

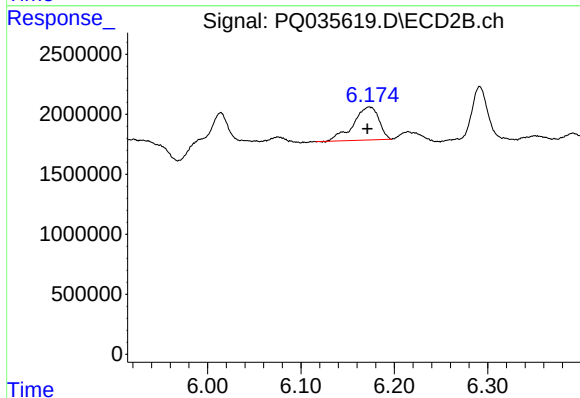
R.T.: 5.763 min  
Delta R.T.: -0.005 min  
Response: 1784260  
Conc: 15.44 ng/ml



#28 AR-1254-3

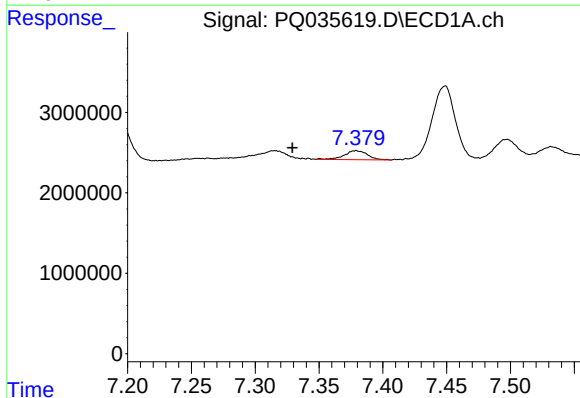
R.T.: 7.035 min  
Delta R.T.: -0.009 min  
Response: 4565348  
Conc: 17.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



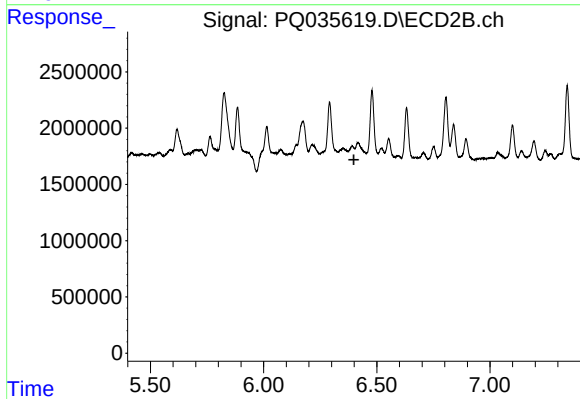
#28 AR-1254-3

R.T.: 6.173 min  
Delta R.T.: 0.002 min  
Response: 5264654  
Conc: 27.27 ng/ml



#29 AR-1254-4

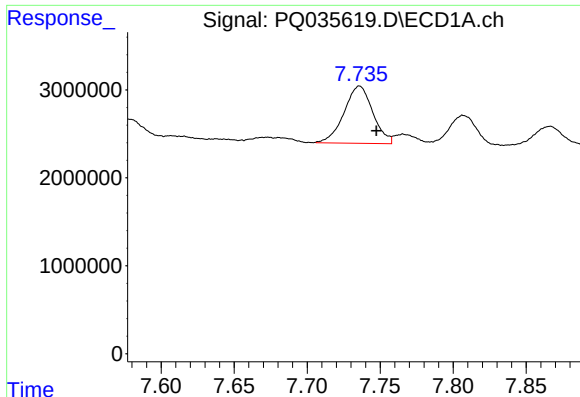
R.T.: 7.379 min  
Delta R.T.: 0.050 min  
Response: 1400675  
Conc: 7.73 ng/ml



#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 6.399 min  
Response: 0  
Conc: N.D.

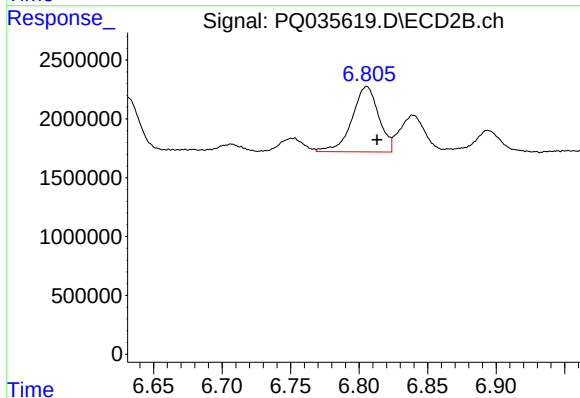




#30 AR-1254-5

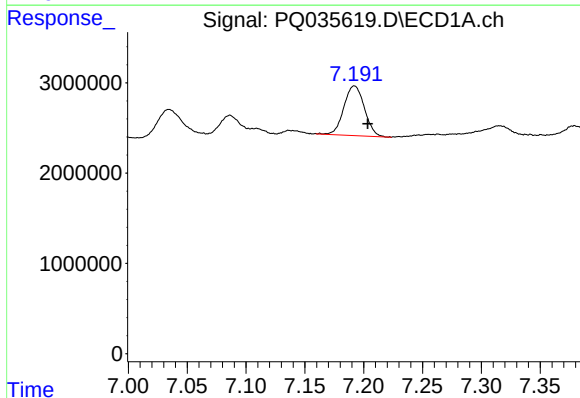
R.T.: 7.736 min  
Delta R.T.: -0.012 min  
Response: 8918919  
Conc: 45.47 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



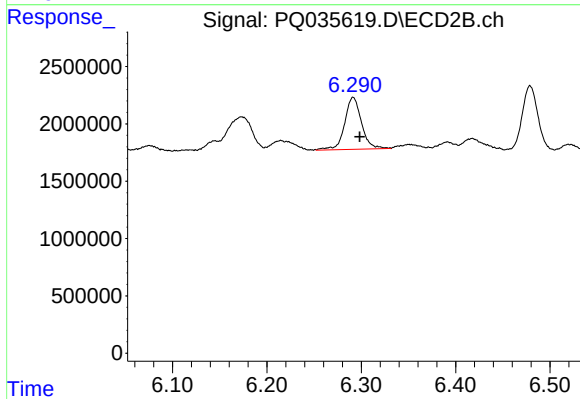
#30 AR-1254-5

R.T.: 6.806 min  
Delta R.T.: -0.008 min  
Response: 7545744  
Conc: 46.33 ng/ml



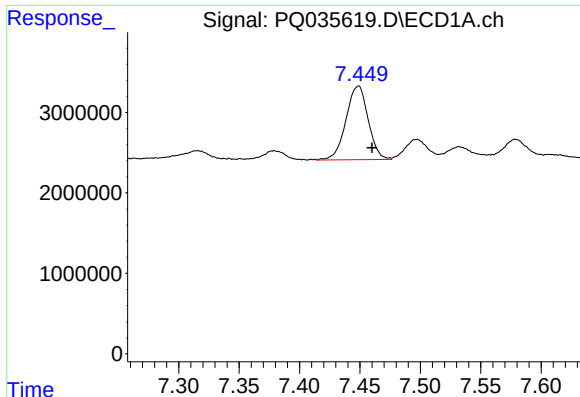
#31 AR-1260-1

R.T.: 7.192 min  
Delta R.T.: -0.011 min  
Response: 6685602  
Conc: 36.26 ng/ml



#31 AR-1260-1

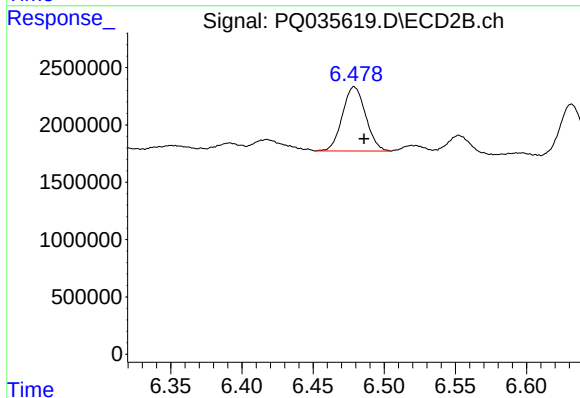
R.T.: 6.291 min  
Delta R.T.: -0.007 min  
Response: 5637514  
Conc: 44.82 ng/ml



#32 AR-1260-2

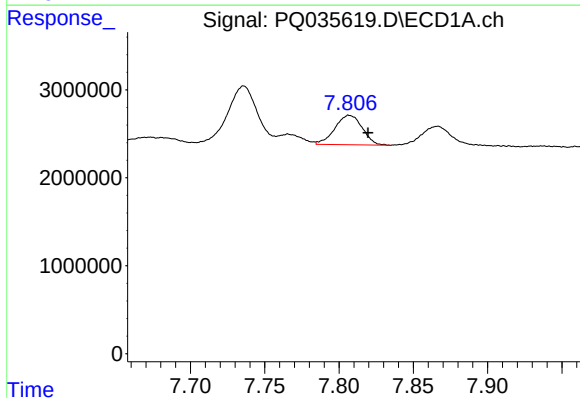
R.T.: 7.449 min  
Delta R.T.: -0.011 min  
Response: 11674483  
Conc: 53.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



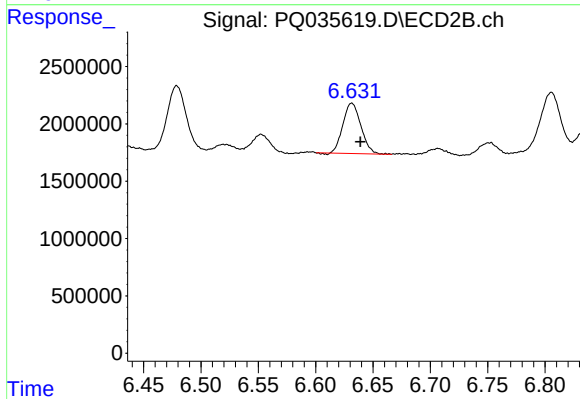
#32 AR-1260-2

R.T.: 6.479 min  
Delta R.T.: -0.007 min  
Response: 6358067  
Conc: 42.10 ng/ml



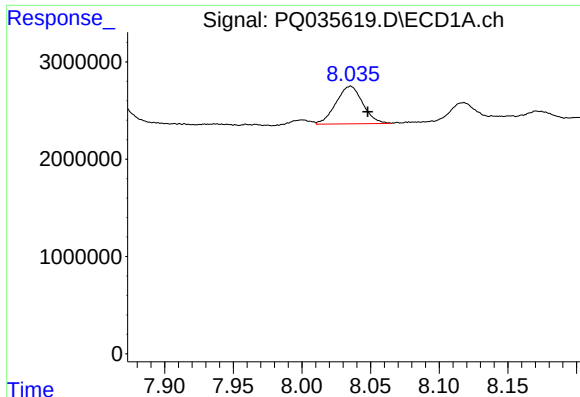
#33 AR-1260-3

R.T.: 7.807 min  
Delta R.T.: -0.013 min  
Response: 4287176  
Conc: 32.00 ng/ml



#33 AR-1260-3

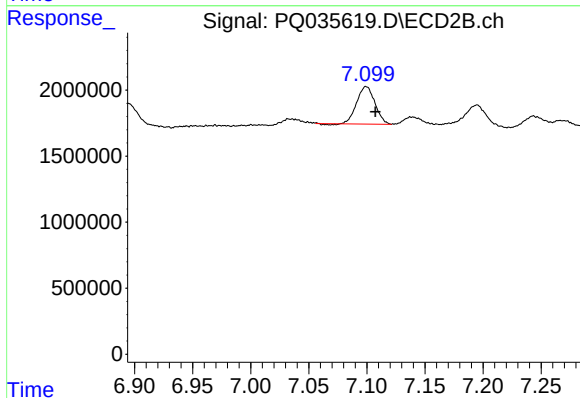
R.T.: 6.632 min  
Delta R.T.: -0.008 min  
Response: 4756113  
Conc: 34.04 ng/ml



#34 AR-1260-4

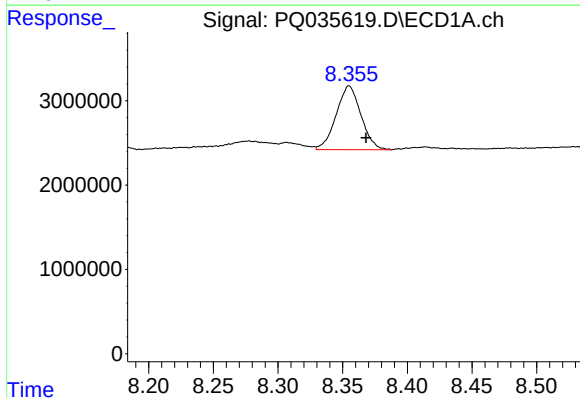
R.T.: 8.035 min  
Delta R.T.: -0.013 min  
Response: 5245371  
Conc: 31.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



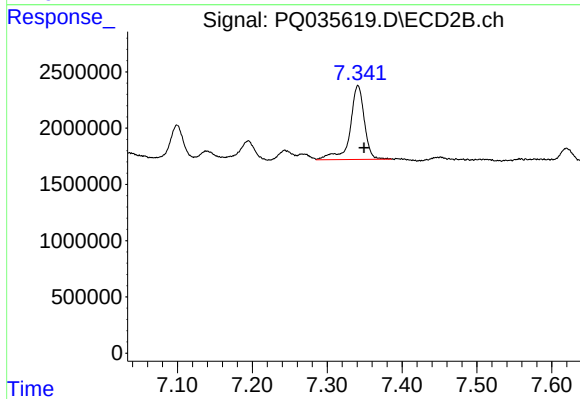
#34 AR-1260-4

R.T.: 7.100 min  
Delta R.T.: -0.008 min  
Response: 3076430  
Conc: 33.13 ng/ml



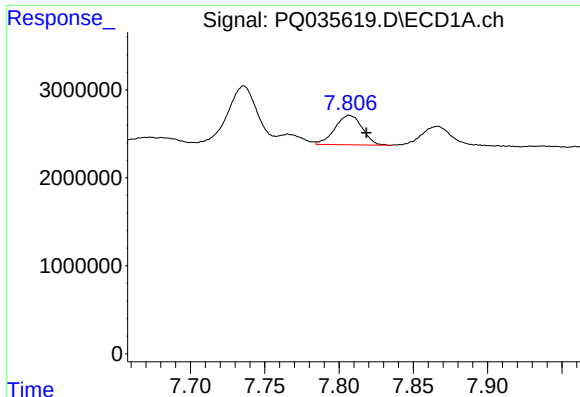
#35 AR-1260-5

R.T.: 8.355 min  
Delta R.T.: -0.013 min  
Response: 10095692  
Conc: 33.86 ng/ml



#35 AR-1260-5

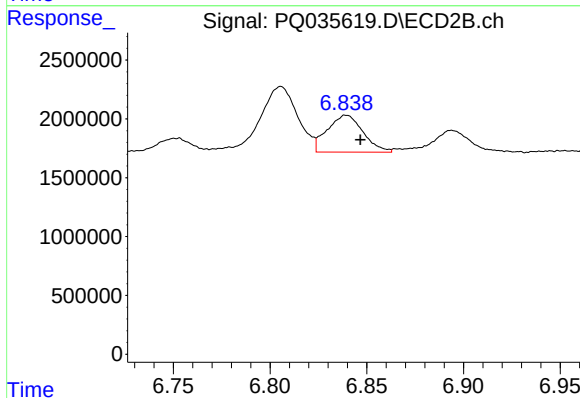
R.T.: 7.341 min  
Delta R.T.: -0.008 min  
Response: 8656533  
Conc: 38.58 ng/ml



#36 AR-1262-1

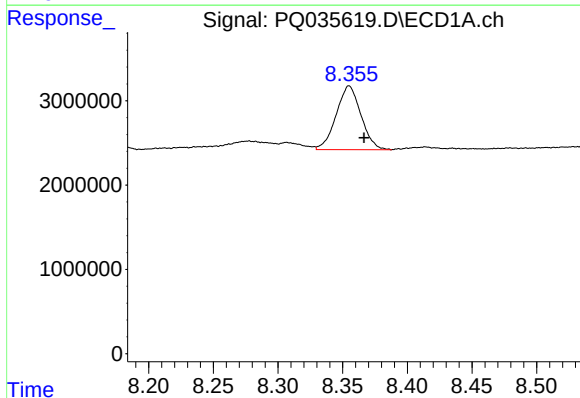
R.T.: 7.807 min  
Delta R.T.: -0.012 min  
Response: 4287176  
Conc: 19.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



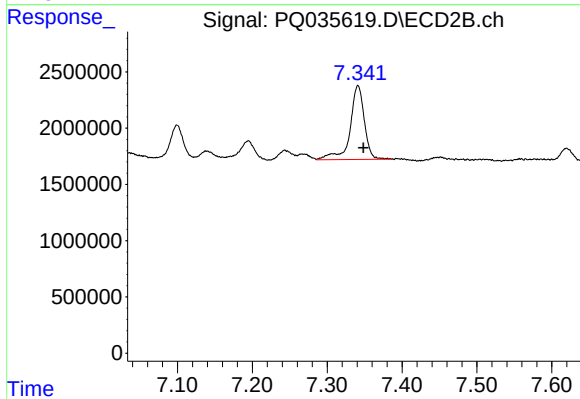
#36 AR-1262-1

R.T.: 6.840 min  
Delta R.T.: -0.007 min  
Response: 4042903  
Conc: 26.34 ng/ml



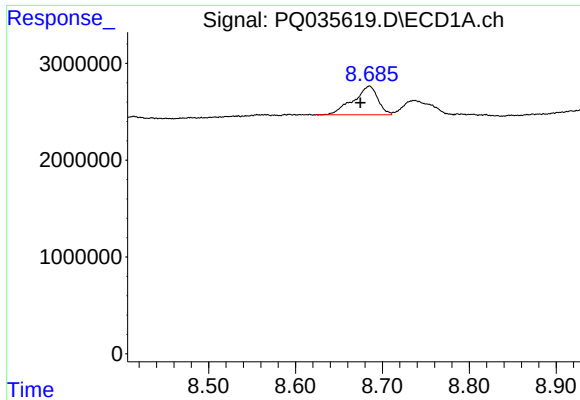
#37 AR-1262-2

R.T.: 8.355 min  
Delta R.T.: -0.012 min  
Response: 10095692  
Conc: 26.80 ng/ml



#37 AR-1262-2

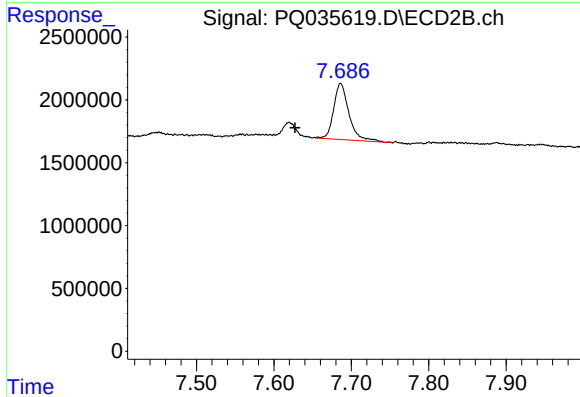
R.T.: 7.341 min  
Delta R.T.: -0.007 min  
Response: 8656533  
Conc: 32.44 ng/ml



#38 AR-1262-3

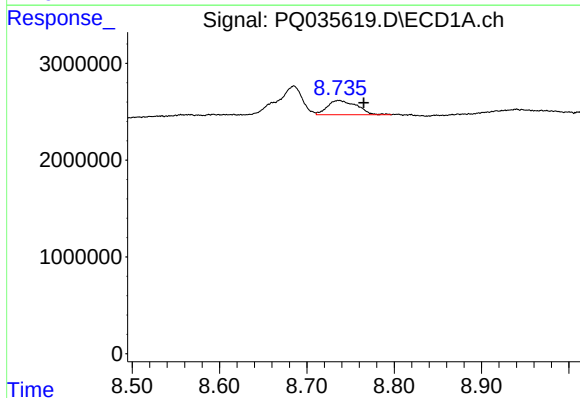
R.T.: 8.685 min  
Delta R.T.: 0.010 min  
Response: 5837951  
Conc: 24.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



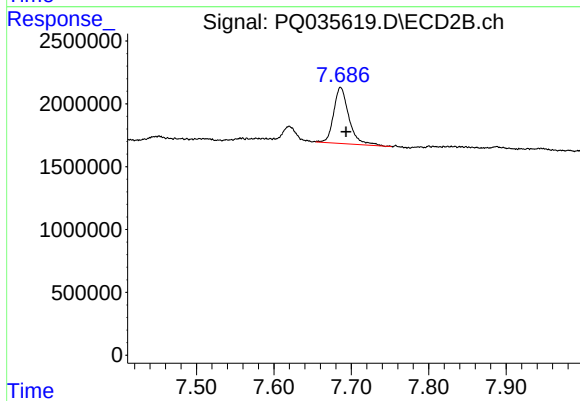
#38 AR-1262-3

R.T.: 7.686 min  
Delta R.T.: 0.059 min  
Response: 6101250  
Conc: 58.79 ng/ml



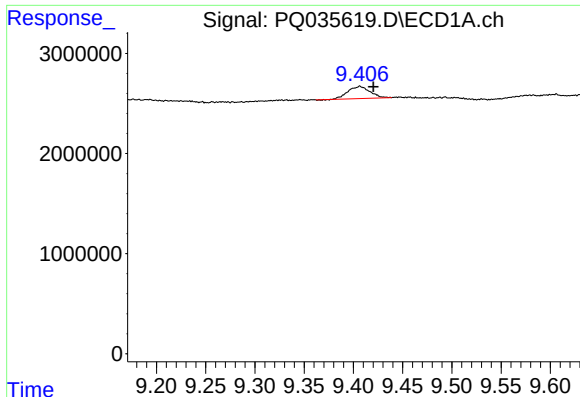
#39 AR-1262-4

R.T.: 8.737 min  
Delta R.T.: -0.029 min  
Response: 3471210  
Conc: 19.21 ng/ml



#39 AR-1262-4

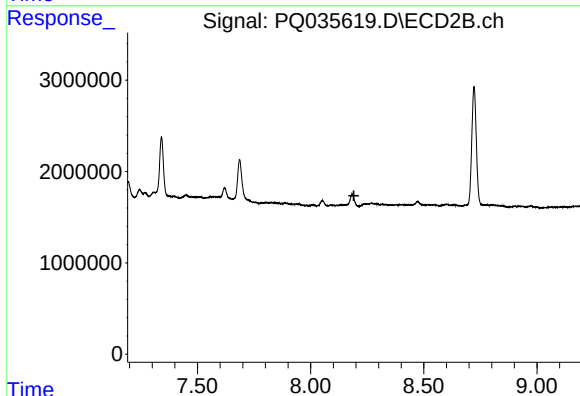
R.T.: 7.686 min  
Delta R.T.: -0.007 min  
Response: 6101250  
Conc: 32.94 ng/ml



#40 AR-1262-5

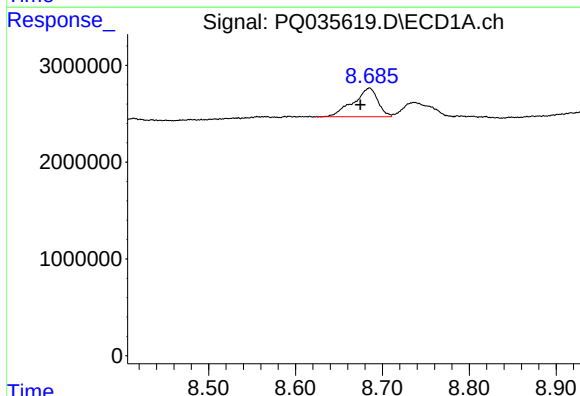
R.T.: 9.407 min  
Delta R.T.: -0.013 min  
Response: 1909575  
Conc: 16.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



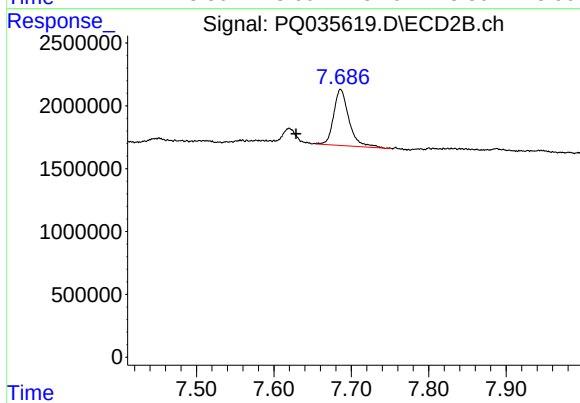
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 8.191 min  
Response: 0  
Conc: N.D.



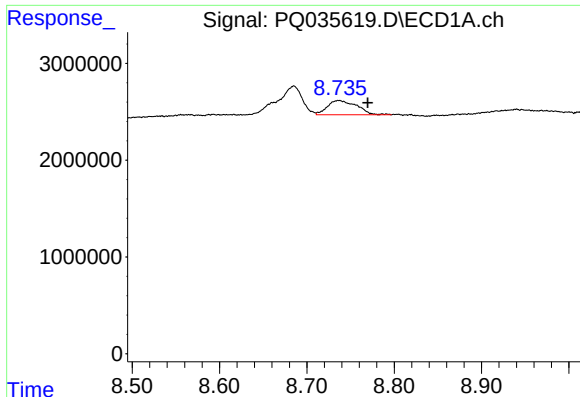
#41 AR-1268-1

R.T.: 8.685 min  
Delta R.T.: 0.010 min  
Response: 5837951  
Conc: 12.10 ng/ml



#41 AR-1268-1

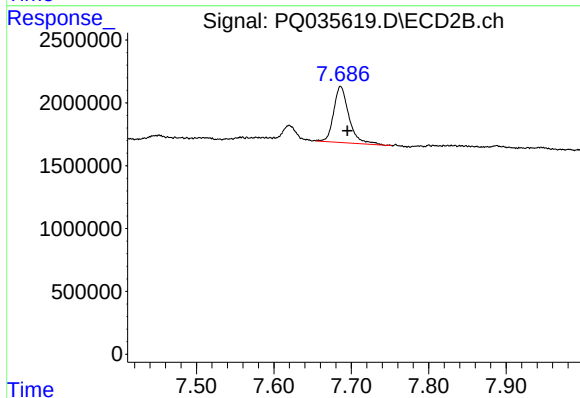
R.T.: 7.686 min  
Delta R.T.: 0.058 min  
Response: 6101250  
Conc: 18.30 ng/ml



#42 AR-1268-2

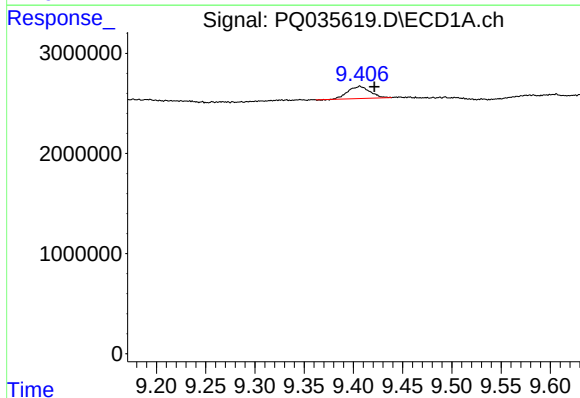
R.T.: 8.737 min  
Delta R.T.: -0.033 min  
Response: 3471210  
Conc: 8.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



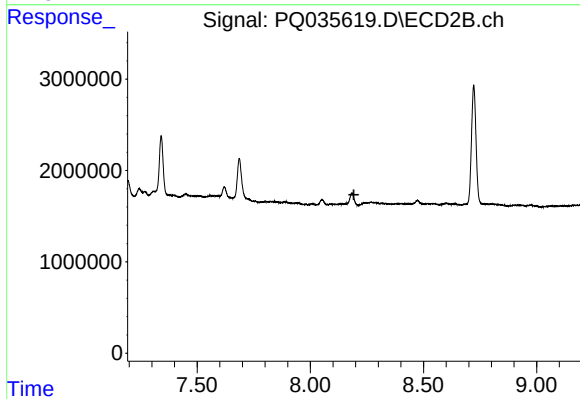
#42 AR-1268-2

R.T.: 7.686 min  
Delta R.T.: -0.009 min  
Response: 6101250  
Conc: 20.59 ng/ml



#44 AR-1268-4

R.T.: 9.407 min  
Delta R.T.: -0.015 min  
Response: 1909575  
Conc: 13.93 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 8.193 min  
Response: 0  
Conc: N.D.