

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR122918\  
 Data File : PR035162.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Dec 2018 13:24  
 Operator : SM\SJ  
 Sample : AR1254CCC400  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 30 23:40:59 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR121818CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Dec 18 01:56:32 2018  
 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... | 4.423  | 3.498 | 32218961 | 37321320 | 16.565   | 10.706 #  |
| 2)                          | SA Decachlor... | 10.102 | 8.388 | 67060360 | 142.4E6  | 34.111   | 32.387    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.558 | 0        | 2866840  | N.D.     | 22.032 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.606 | 0        | 716941   | N.D.     | 3.627 #   |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.748 | 0        | 765455   | N.D.     | 7.964 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.789 | 0        | 35450188 | N.D.     | 469.234 # |
| 7)                          | L1 AR-1016-5    | 6.062  | 4.997 | 10351834 | 22340865 | 217.350  | 217.269   |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.606 | 0        | 716941   | N.D.     | 6.941 #   |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.748 | 0        | 765455   | N.D.     | 15.848 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.859 | 0        | 1598355  | N.D.     | 35.695 #  |
| 15)                         | L3 AR-1232-5    | 5.858  | 4.997 | 17287402 | 22340865 | 1093.404 | 449.489 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.558 | 0        | 2866840  | N.D.     | 25.255 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.606 | 0        | 716941   | N.D.     | 4.199 #   |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.748 | 0        | 765455   | N.D.     | 9.034 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.859 | 0        | 1598355  | N.D.     | 19.332 #  |
| 20)                         | L4 AR-1242-5    | 6.504  | 5.342 | 10522225 | 99052733 | 228.451  | 890.559 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.558 | 0        | 2866840  | N.D.     | 29.403 #  |
| 22)                         | L5 AR-1248-2    | 5.858  | 4.789 | 17287402 | 35450188 | 261.639  | 276.733   |
| 23)                         | L5 AR-1248-3    | 6.062  | 4.859 | 10351834 | 1598355  | 138.551  | 12.111 #  |
| 24)                         | L5 AR-1248-4    | 6.463  | 4.997 | 17034700 | 22340865 | 190.660  | 135.786 # |
| 25)                         | L5 AR-1248-5    | 6.504  | 5.381 | 10522225 | 11282126 | 125.761  | 67.414 #  |
| 26)                         | L6 AR-1254-1    | 6.436  | 5.342 | 33666518 | 99052733 | 412.050  | 404.803   |
| 27)                         | L6 AR-1254-2    | 6.653  | 5.486 | 50695852 | 86290753 | 396.754  | 405.712   |
| 28)                         | L6 AR-1254-3    | 7.019  | 5.882 | 53914943 | 145.4E6  | 399.453  | 407.023   |
| 29)                         | L6 AR-1254-4    | 7.303  | 6.138 | 44751820 | 13815968 | 421.877  | 58.495 #  |
| 30)                         | L6 AR-1254-5    | 7.719  | 6.519 | 44276061 | 127.4E6  | 413.241  | 399.551   |
| 31)                         | L7 AR-1260-1    | 7.180  | 6.010 | 20890558 | 60362375 | 222.221  | 280.792 # |
| 32)                         | L7 AR-1260-2    | 7.435  | 6.195 | 25989980 | 58522376 | 223.856  | 215.060   |
| 33)                         | L7 AR-1260-3    | 7.719  | 6.345 | 44276061 | 53306723 | 317.263  | 214.742 # |
| 34)                         | L7 AR-1260-4    | 8.009  | 6.848 | 15871597 | 29588577 | 183.776  | 173.042   |
| 35)                         | L7 AR-1260-5    | 8.334  | 7.083 | 5386820  | 4311498  | 29.835   | 8.915 #   |
| 36)                         | L8 AR-1262-1    | 7.782  | 6.587 | 5727636  | 12379085 | 35.268   | 31.861    |
| 37)                         | L8 AR-1262-2    | 8.334  | 7.083 | 5386820  | 4311498  | 19.048   | 6.057 #   |
| 38)                         | L8 AR-1262-3    | 8.659  | 7.331 | 4359270  | 323314   | 22.433   | 1.058 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.392 | 0        | 13531495 | N.D.     | 25.846 #  |
| 41)                         | L9 AR-1268-1    | 8.659  | 7.331 | 4359270  | 323314   | 11.474   | 0.355 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.392 | 0        | 13531495 | N.D.     | 16.110 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.156 | 0        | 906714   | N.D.     | 0.403 #   |
| -----                       |                 |        |       |          |          |          |           |

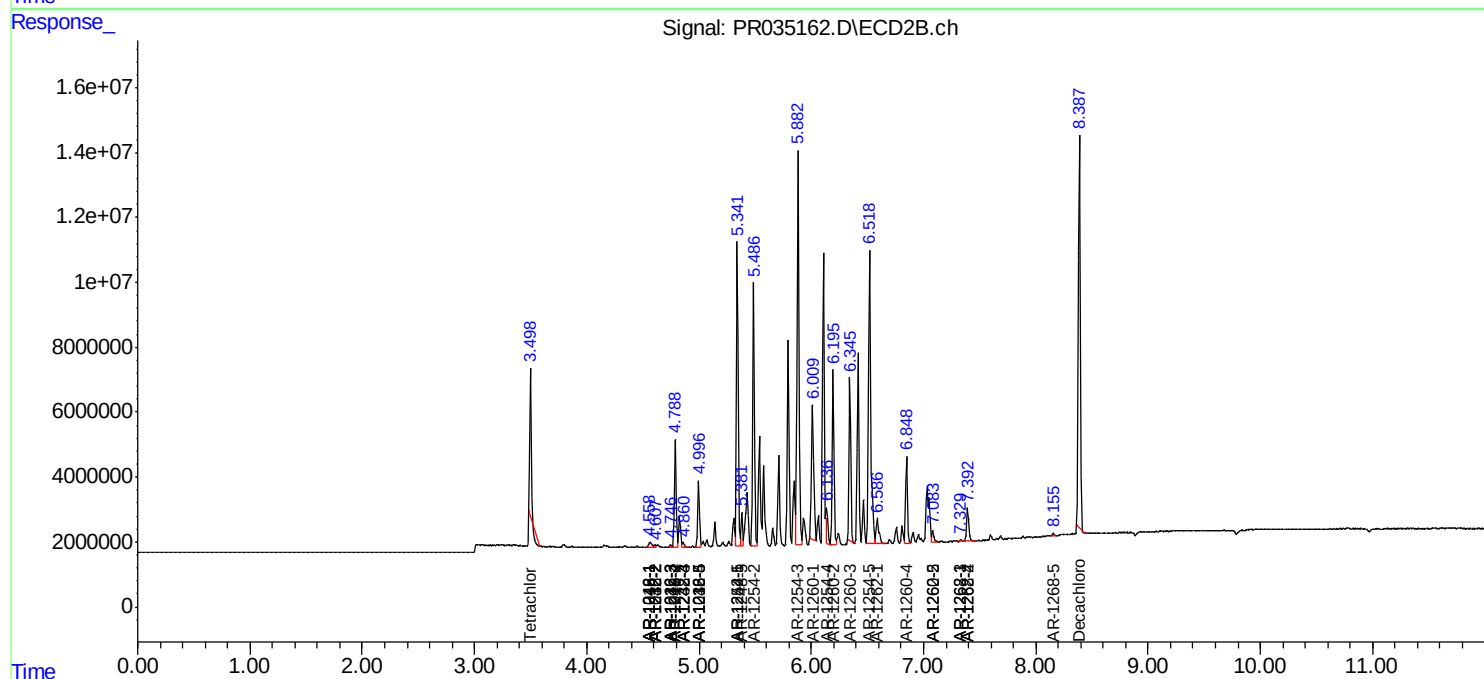
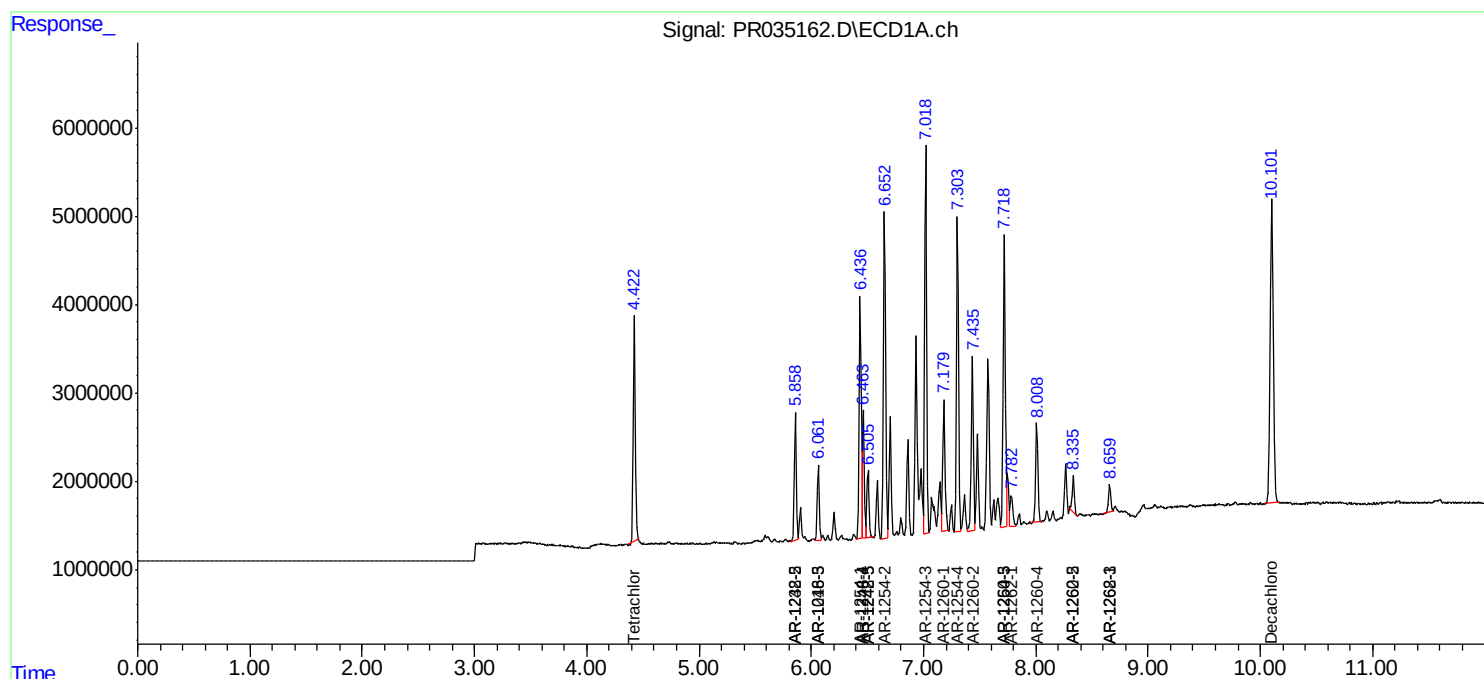
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

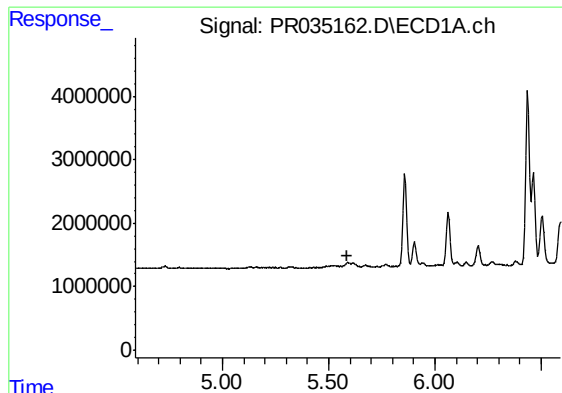
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR122918\  
Data File : PR035162.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Dec 2018 13:24  
Operator : SM\SJ  
Sample : AR1254CCC400  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 30 23:40:59 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR121818CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Dec 18 01:56:32 2018  
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

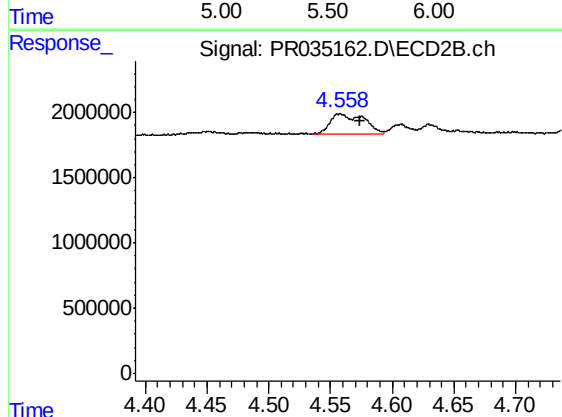




#3 AR-1016-1

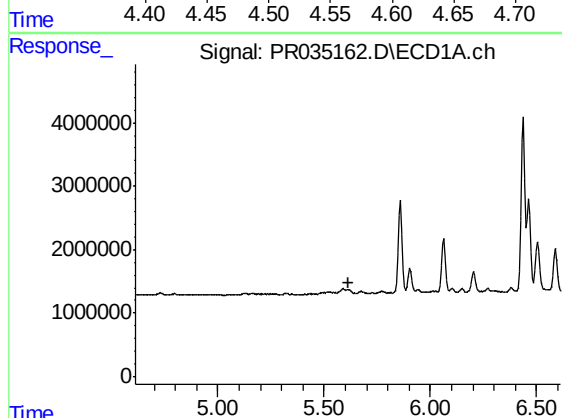
R.T.: 0.000 min  
Exp R.T. : 5.590 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



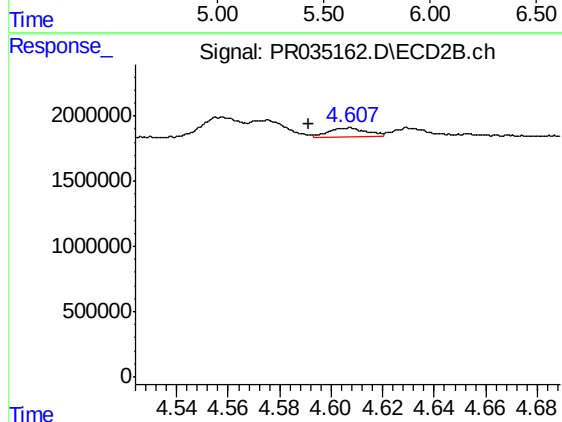
#3 AR-1016-1

R.T.: 4.558 min  
Delta R.T.: -0.016 min  
Response: 2866840  
Conc: 22.03 ng/ml



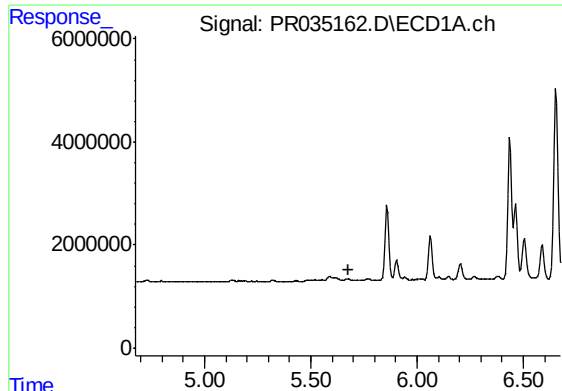
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.612 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

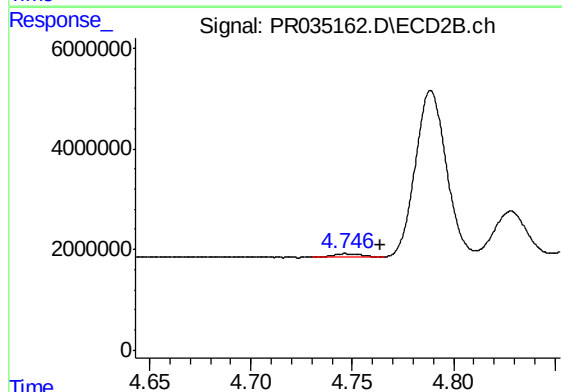
R.T.: 4.606 min  
Delta R.T.: 0.015 min  
Response: 716941  
Conc: 3.63 ng/ml



#5 AR-1016-3

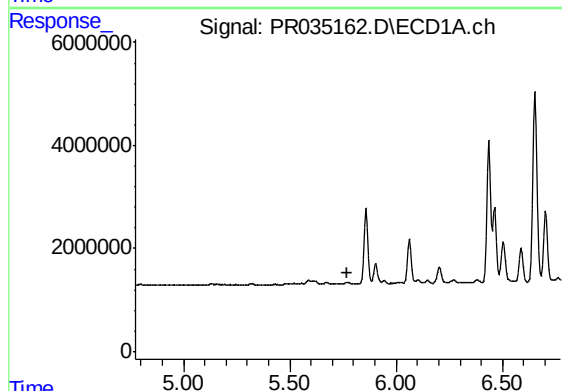
R.T.: 0.000 min  
Exp R.T.: 5.675 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



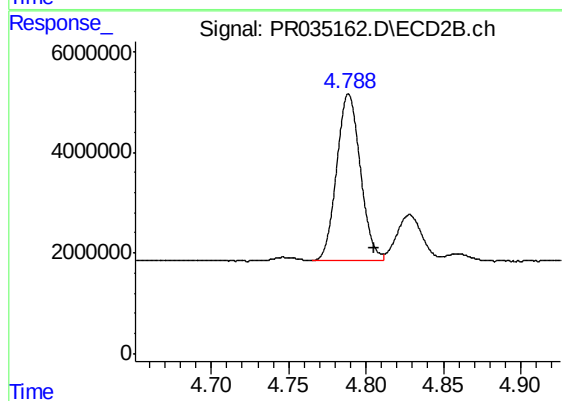
#5 AR-1016-3

R.T.: 4.748 min  
Delta R.T.: -0.016 min  
Response: 765455  
Conc: 7.96 ng/ml



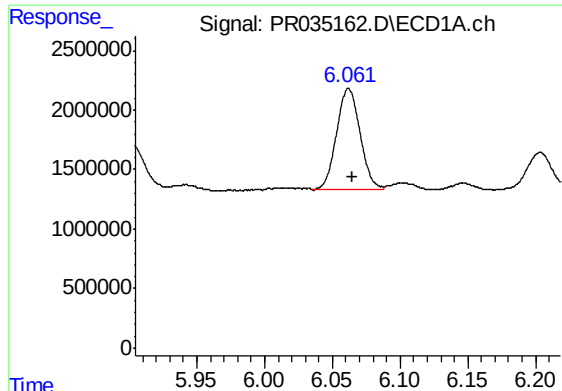
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.773 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

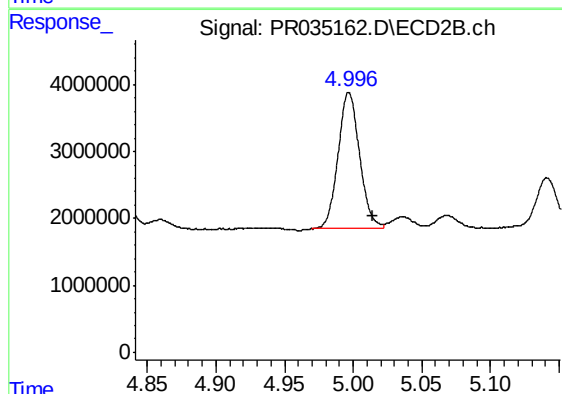
R.T.: 4.789 min  
Delta R.T.: -0.016 min  
Response: 35450188  
Conc: 469.23 ng/ml



#7 AR-1016-5

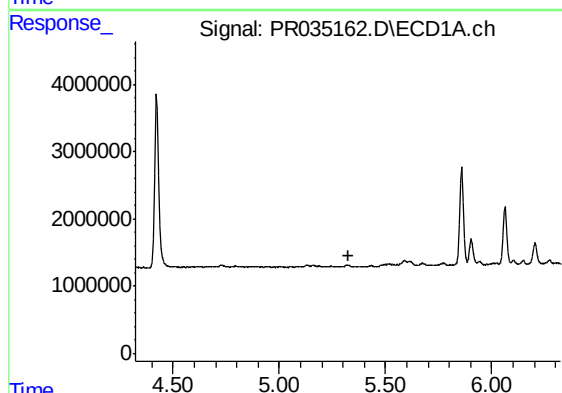
R.T.: 6.062 min  
Delta R.T.: -0.003 min  
Response: 10351834  
Conc: 217.35 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



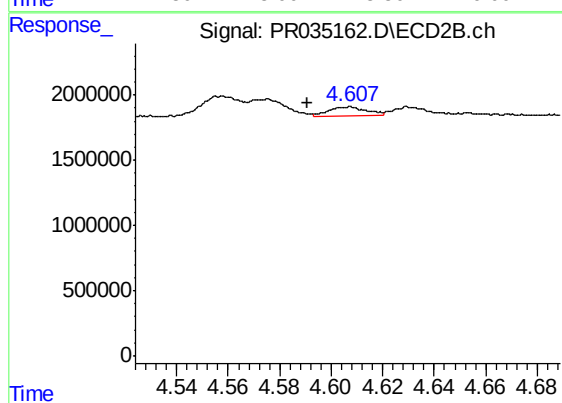
#7 AR-1016-5

R.T.: 4.997 min  
Delta R.T.: -0.017 min  
Response: 22340865  
Conc: 217.27 ng/ml



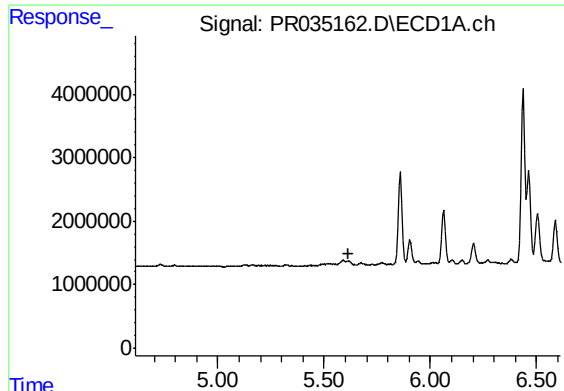
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.323 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

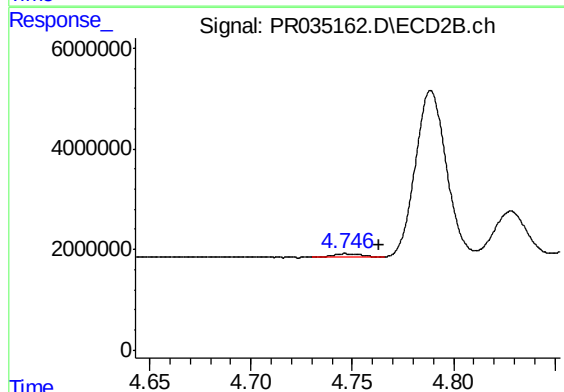
R.T.: 4.606 min  
Delta R.T.: 0.015 min  
Response: 716941  
Conc: 6.94 ng/ml



#13 AR-1232-3

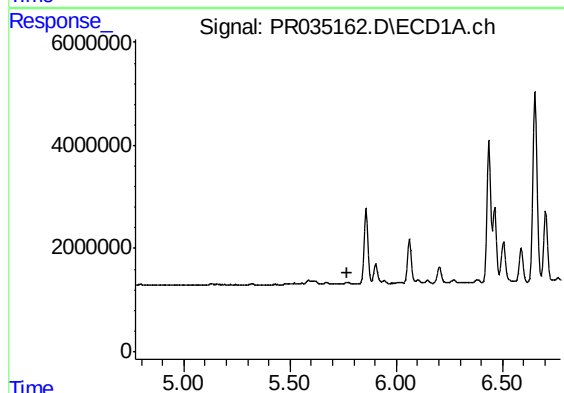
R.T.: 0.000 min  
Exp R.T.: 5.612 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



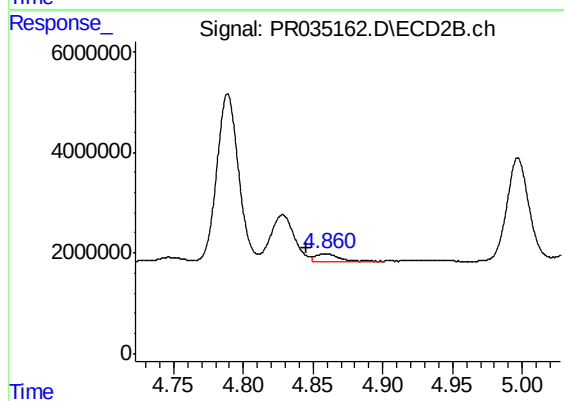
#13 AR-1232-3

R.T.: 4.748 min  
Delta R.T.: -0.015 min  
Response: 765455  
Conc: 15.85 ng/ml



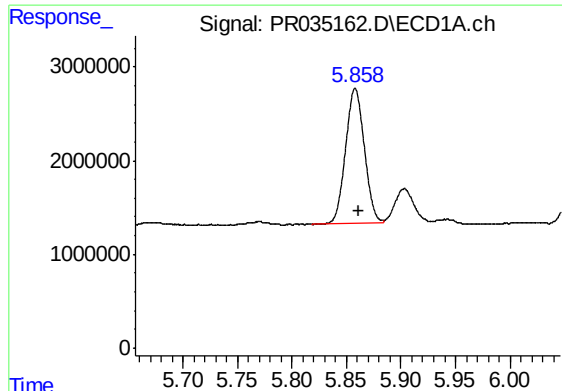
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.773 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

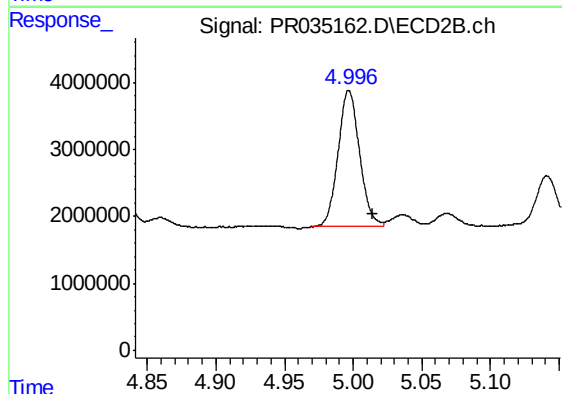
R.T.: 4.859 min  
Delta R.T.: 0.014 min  
Response: 1598355  
Conc: 35.69 ng/ml



#15 AR-1232-5

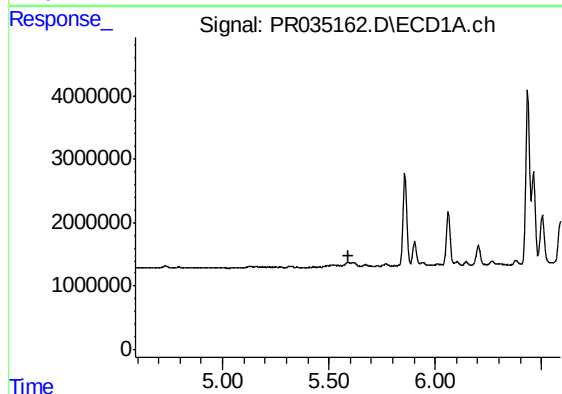
R.T.: 5.858 min  
Delta R.T.: -0.003 min  
Response: 17287402  
Conc: 1093.40 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



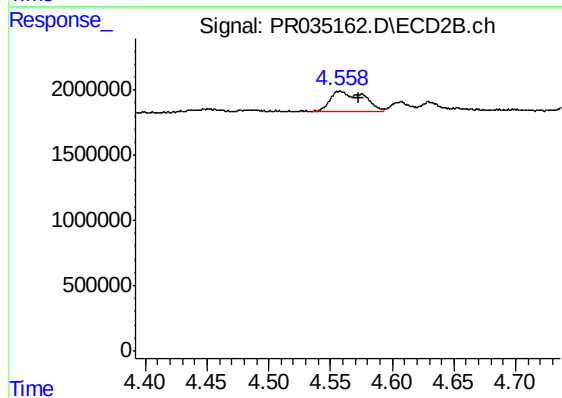
#15 AR-1232-5

R.T.: 4.997 min  
Delta R.T.: -0.017 min  
Response: 22340865  
Conc: 449.49 ng/ml



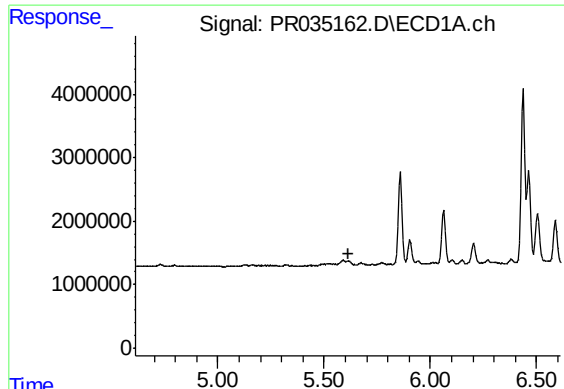
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.590 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

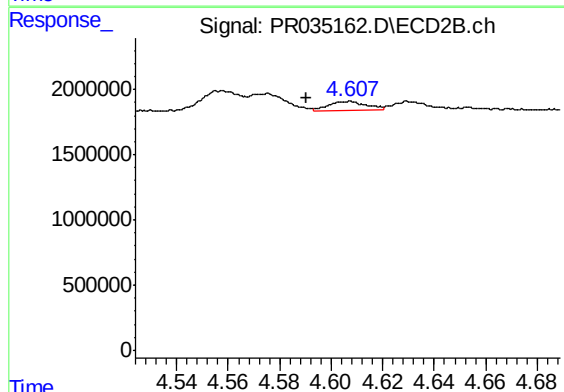
R.T.: 4.558 min  
Delta R.T.: -0.015 min  
Response: 2866840  
Conc: 25.26 ng/ml



#17 AR-1242-2

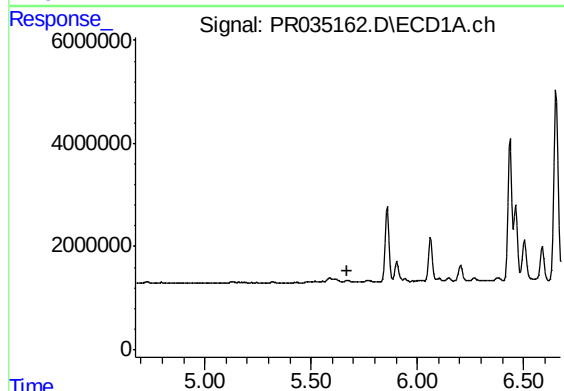
R.T.: 0.000 min  
Exp R.T.: 5.612 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



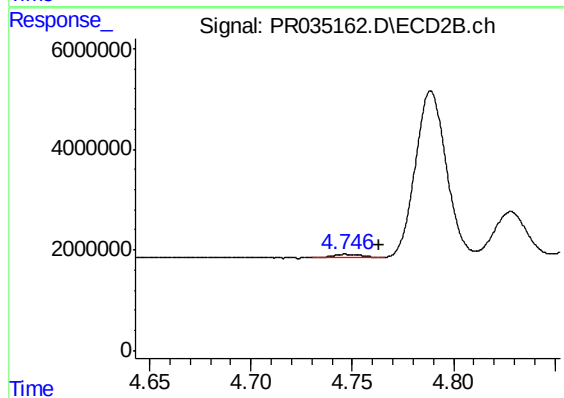
#17 AR-1242-2

R.T.: 4.606 min  
Delta R.T.: 0.016 min  
Response: 716941  
Conc: 4.20 ng/ml



#18 AR-1242-3

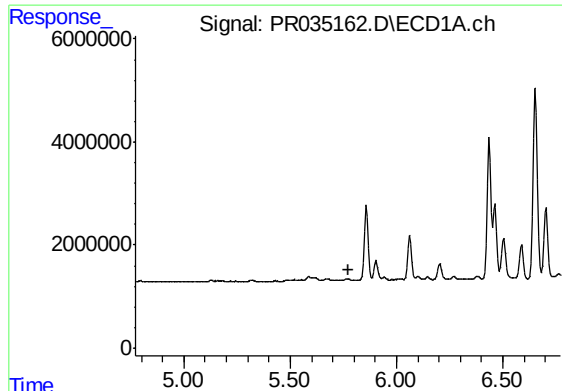
R.T.: 0.000 min  
Exp R.T.: 5.674 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

R.T.: 4.748 min  
Delta R.T.: -0.015 min  
Response: 765455  
Conc: 9.03 ng/ml

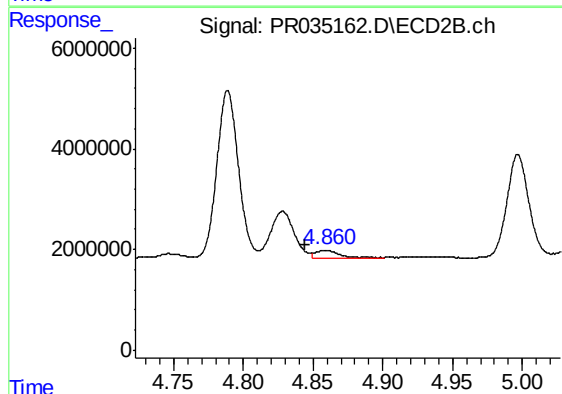




#19 AR-1242-4

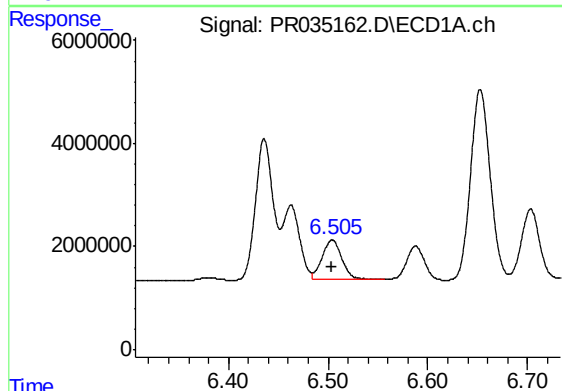
R.T.: 0.000 min  
Exp R.T.: 5.772 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



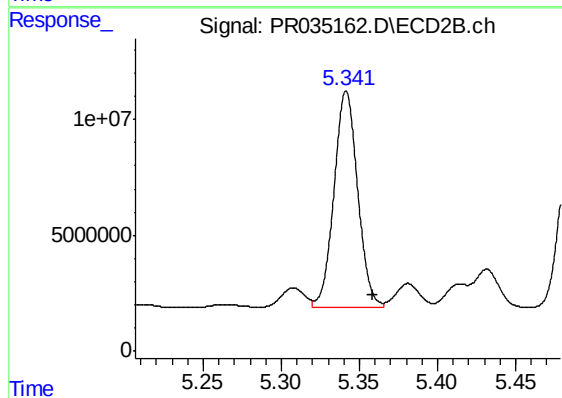
#19 AR-1242-4

R.T.: 4.859 min  
Delta R.T.: 0.015 min  
Response: 1598355  
Conc: 19.33 ng/ml



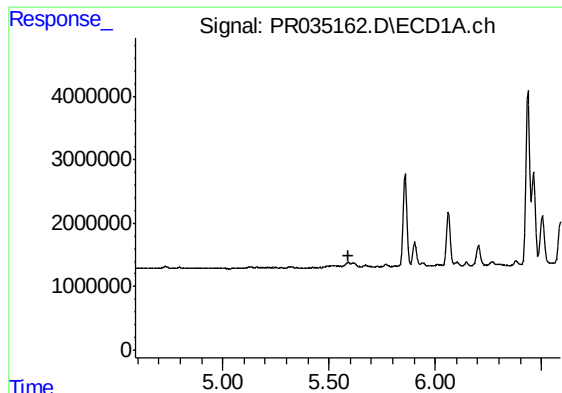
#20 AR-1242-5

R.T.: 6.504 min  
Delta R.T.: 0.000 min  
Response: 10522225  
Conc: 228.45 ng/ml



#20 AR-1242-5

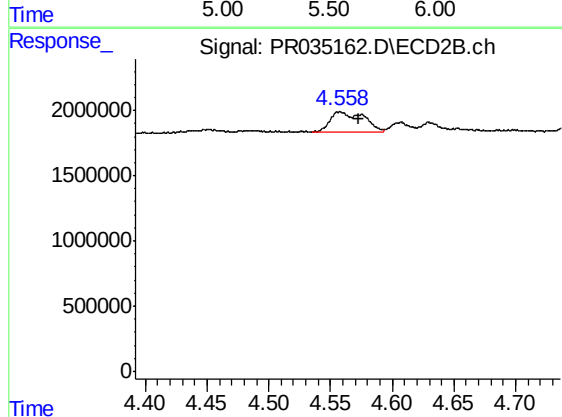
R.T.: 5.342 min  
Delta R.T.: -0.017 min  
Response: 99052733  
Conc: 890.56 ng/ml



#21 AR-1248-1

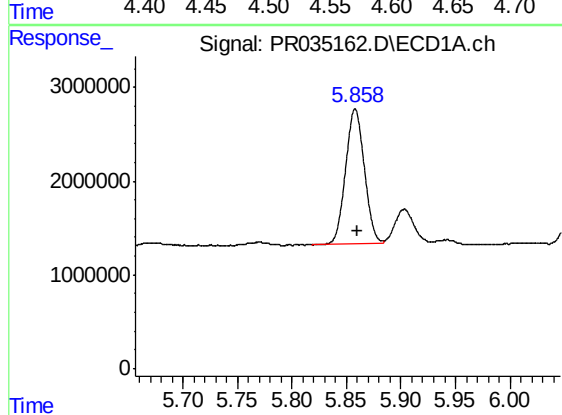
R.T.: 0.000 min  
Exp R.T.: 5.590 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



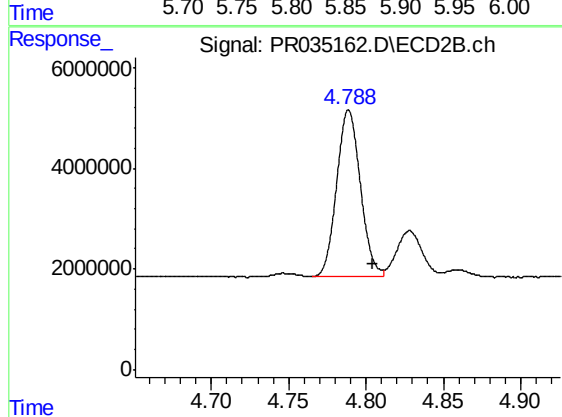
#21 AR-1248-1

R.T.: 4.558 min  
Delta R.T.: -0.016 min  
Response: 2866840  
Conc: 29.40 ng/ml



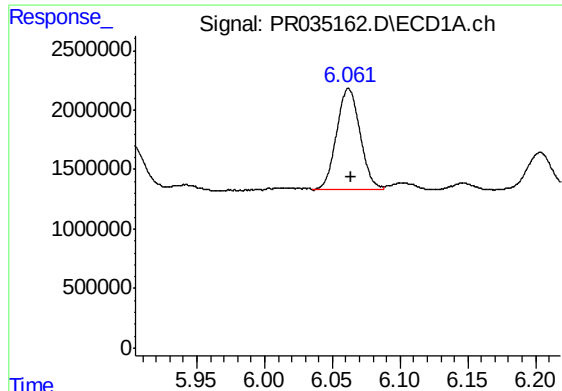
#22 AR-1248-2

R.T.: 5.858 min  
Delta R.T.: -0.002 min  
Response: 17287402  
Conc: 261.64 ng/ml



#22 AR-1248-2

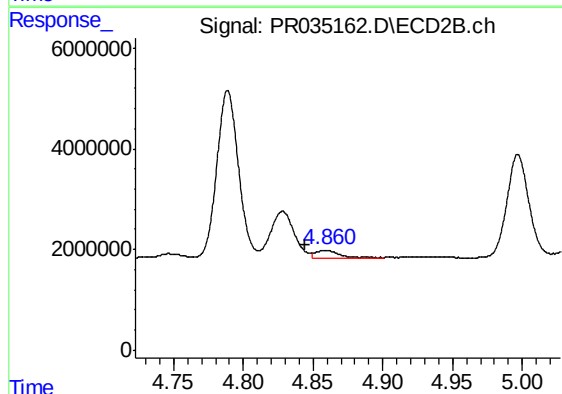
R.T.: 4.789 min  
Delta R.T.: -0.015 min  
Response: 35450188  
Conc: 276.73 ng/ml



#23 AR-1248-3

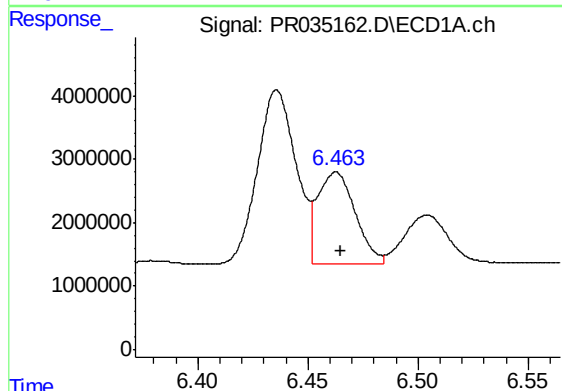
R.T.: 6.062 min  
Delta R.T.: -0.002 min  
Response: 10351834  
Conc: 138.55 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



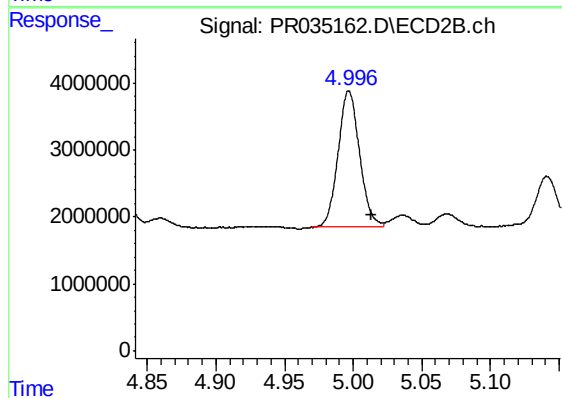
#23 AR-1248-3

R.T.: 4.859 min  
Delta R.T.: 0.015 min  
Response: 1598355  
Conc: 12.11 ng/ml



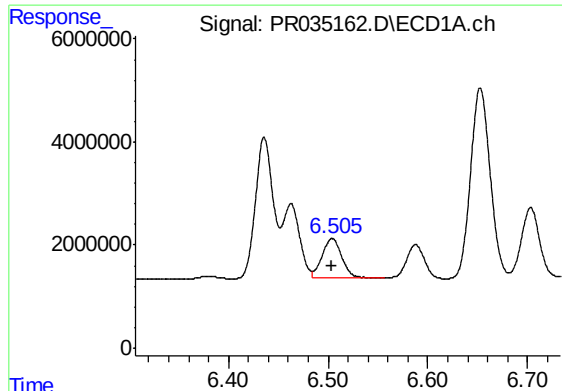
#24 AR-1248-4

R.T.: 6.463 min  
Delta R.T.: -0.002 min  
Response: 17034700  
Conc: 190.66 ng/ml



#24 AR-1248-4

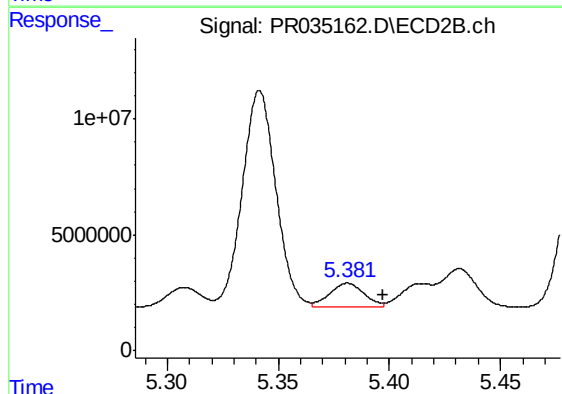
R.T.: 4.997 min  
Delta R.T.: -0.016 min  
Response: 22340865  
Conc: 135.79 ng/ml



#25 AR-1248-5

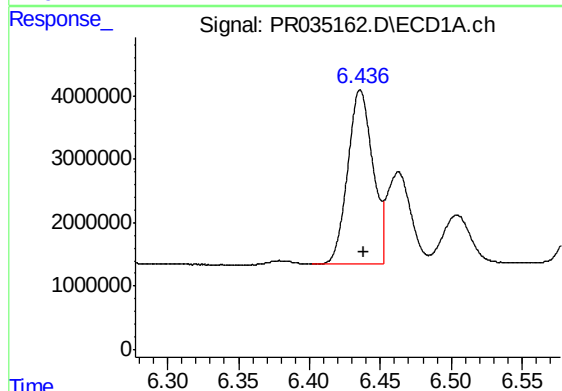
R.T.: 6.504 min  
Delta R.T.: 0.000 min  
Response: 10522225  
Conc: 125.76 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



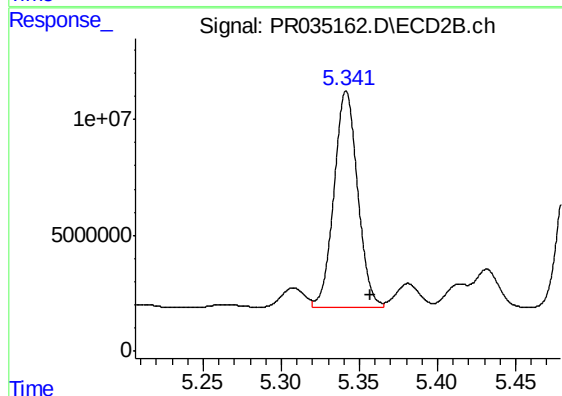
#25 AR-1248-5

R.T.: 5.381 min  
Delta R.T.: -0.016 min  
Response: 11282126  
Conc: 67.41 ng/ml



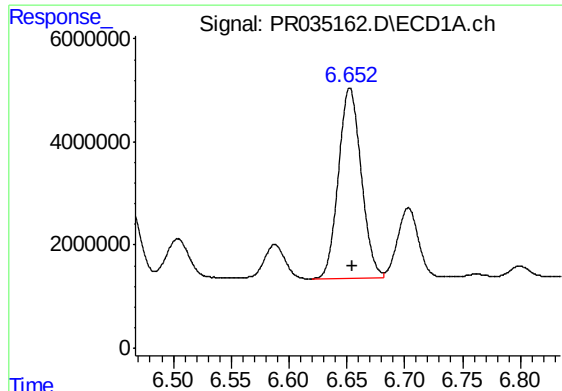
#26 AR-1254-1

R.T.: 6.436 min  
Delta R.T.: -0.002 min  
Response: 33666518  
Conc: 412.05 ng/ml



#26 AR-1254-1

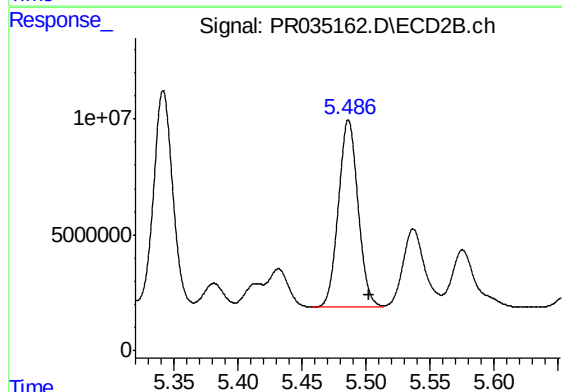
R.T.: 5.342 min  
Delta R.T.: -0.016 min  
Response: 99052733  
Conc: 404.80 ng/ml



#27 AR-1254-2

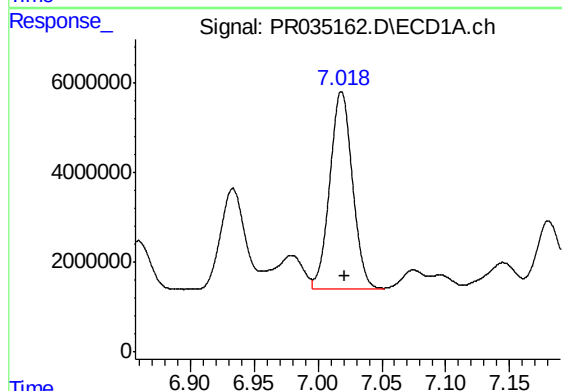
R.T.: 6.653 min  
Delta R.T.: -0.002 min  
Response: 50695852  
Conc: 396.75 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



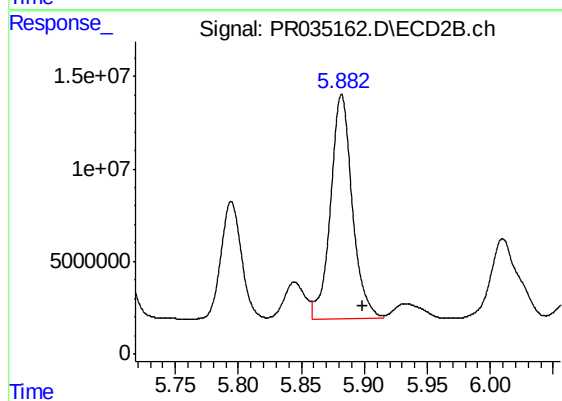
#27 AR-1254-2

R.T.: 5.486 min  
Delta R.T.: -0.016 min  
Response: 86290753  
Conc: 405.71 ng/ml



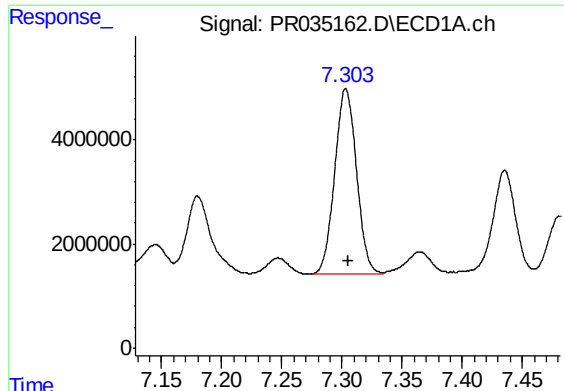
#28 AR-1254-3

R.T.: 7.019 min  
Delta R.T.: -0.002 min  
Response: 53914943  
Conc: 399.45 ng/ml



#28 AR-1254-3

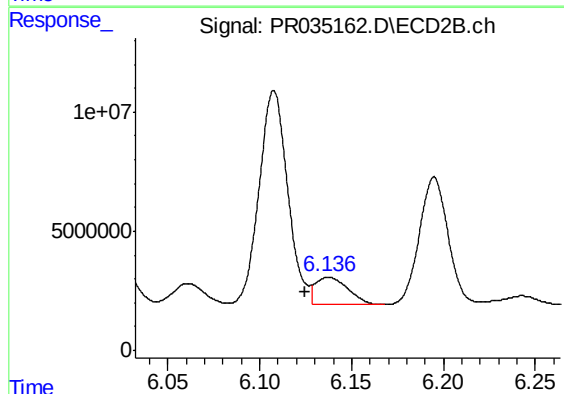
R.T.: 5.882 min  
Delta R.T.: -0.017 min  
Response: 145436709  
Conc: 407.02 ng/ml



#29 AR-1254-4

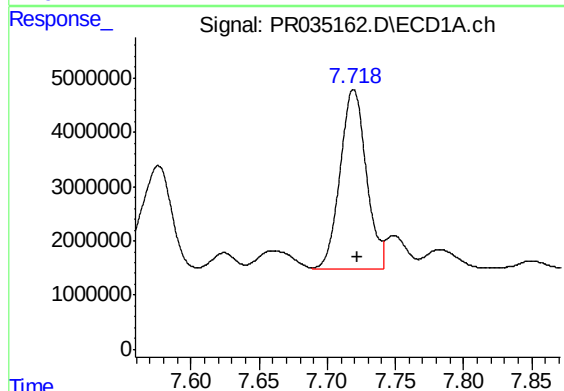
R.T.: 7.303 min  
Delta R.T.: -0.002 min  
Response: 44751820  
Conc: 421.88 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



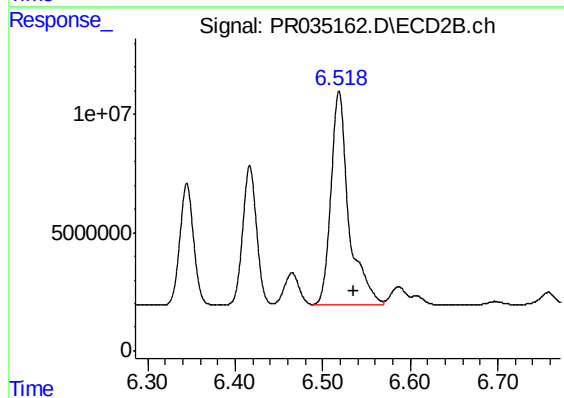
#29 AR-1254-4

R.T.: 6.138 min  
Delta R.T.: 0.013 min  
Response: 13815968  
Conc: 58.50 ng/ml



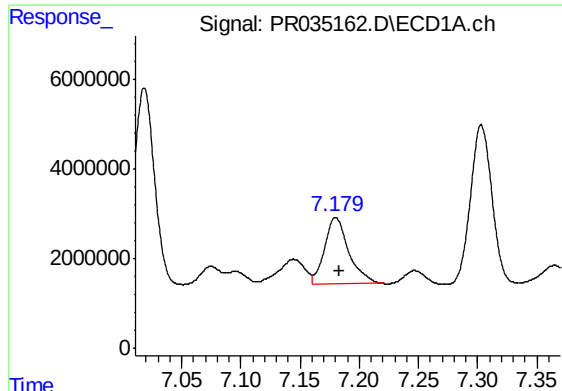
#30 AR-1254-5

R.T.: 7.719 min  
Delta R.T.: -0.003 min  
Response: 44276061  
Conc: 413.24 ng/ml



#30 AR-1254-5

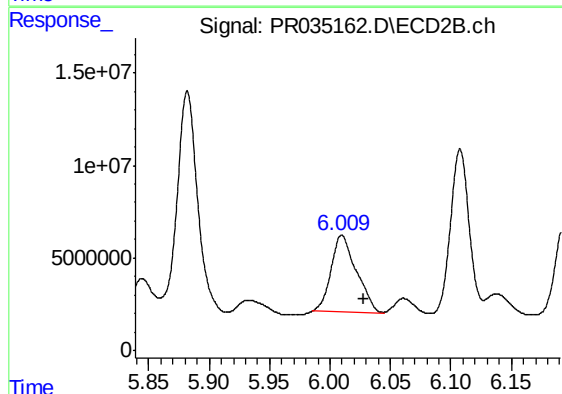
R.T.: 6.519 min  
Delta R.T.: -0.017 min  
Response: 127433508  
Conc: 399.55 ng/ml



#31 AR-1260-1

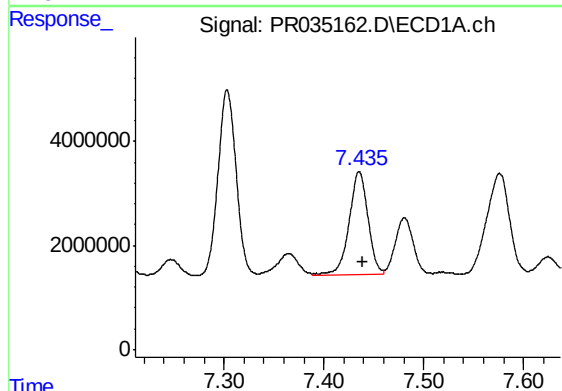
R.T.: 7.180 min  
Delta R.T.: -0.003 min  
Response: 20890558  
Conc: 222.22 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



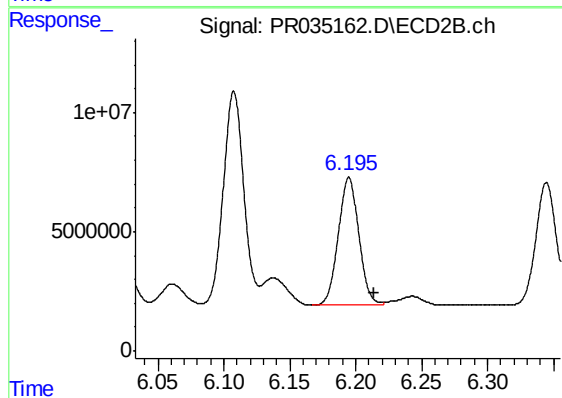
#31 AR-1260-1

R.T.: 6.010 min  
Delta R.T.: -0.018 min  
Response: 60362375  
Conc: 280.79 ng/ml



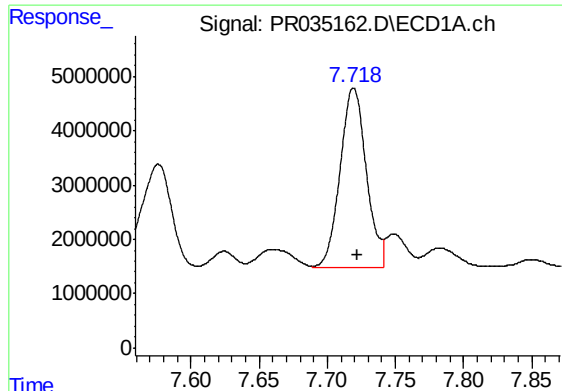
#32 AR-1260-2

R.T.: 7.435 min  
Delta R.T.: -0.004 min  
Response: 25989980  
Conc: 223.86 ng/ml



#32 AR-1260-2

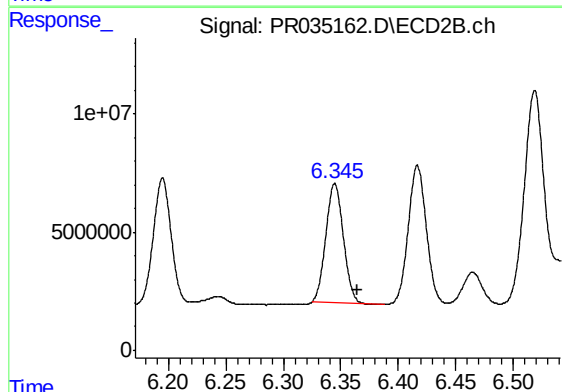
R.T.: 6.195 min  
Delta R.T.: -0.019 min  
Response: 58522376  
Conc: 215.06 ng/ml



#33 AR-1260-3

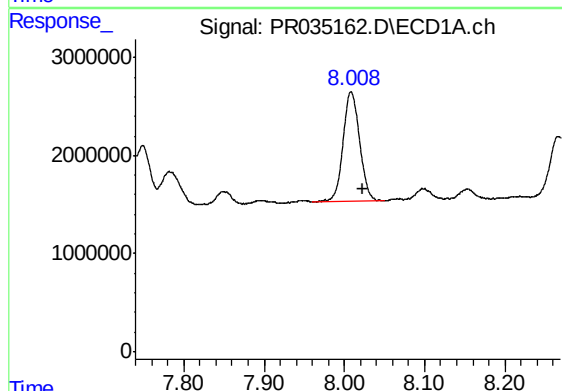
R.T.: 7.719 min  
Delta R.T.: -0.003 min  
Response: 44276061  
Conc: 317.26 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



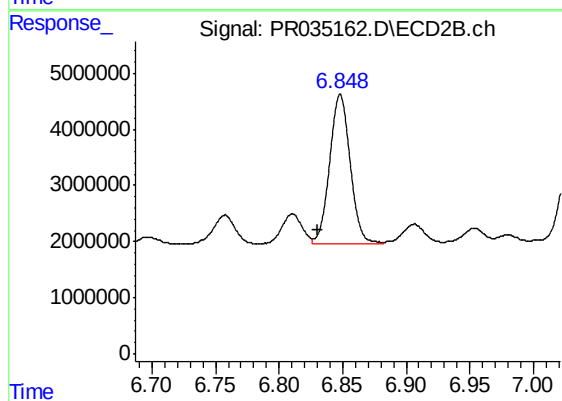
#33 AR-1260-3

R.T.: 6.345 min  
Delta R.T.: -0.020 min  
Response: 53306723  
Conc: 214.74 ng/ml



#34 AR-1260-4

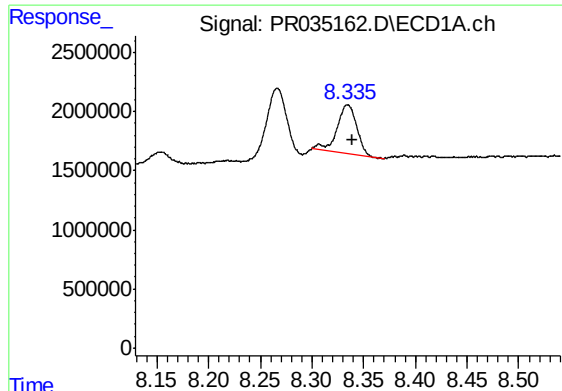
R.T.: 8.009 min  
Delta R.T.: -0.014 min  
Response: 15871597  
Conc: 183.78 ng/ml



#34 AR-1260-4

R.T.: 6.848 min  
Delta R.T.: 0.017 min  
Response: 29588577  
Conc: 173.04 ng/ml

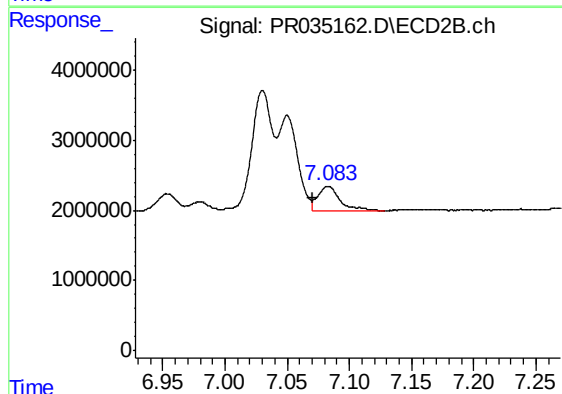




#35 AR-1260-5

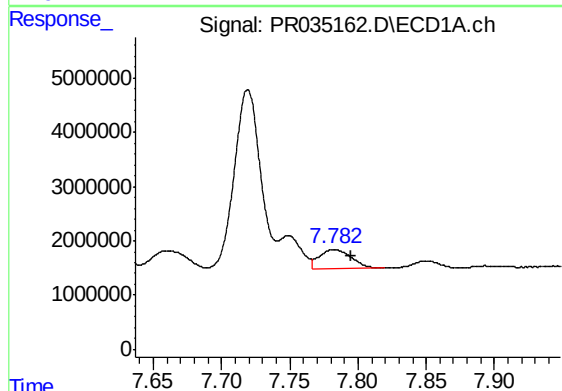
R.T.: 8.334 min  
Delta R.T.: -0.005 min  
Response: 5386820  
Conc: 29.83 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



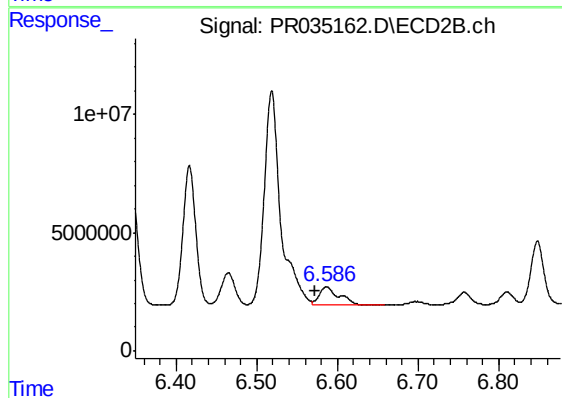
#35 AR-1260-5

R.T.: 7.083 min  
Delta R.T.: 0.012 min  
Response: 4311498  
Conc: 8.91 ng/ml



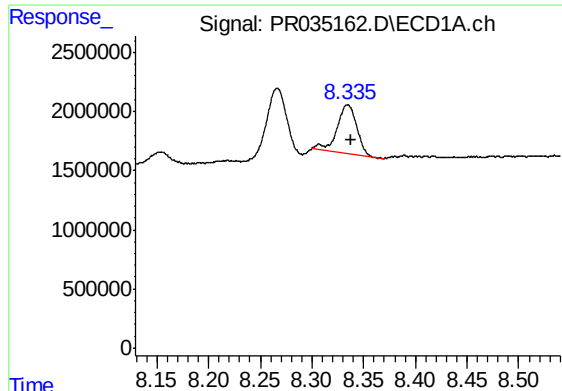
#36 AR-1262-1

R.T.: 7.782 min  
Delta R.T.: -0.013 min  
Response: 5727636  
Conc: 35.27 ng/ml



#36 AR-1262-1

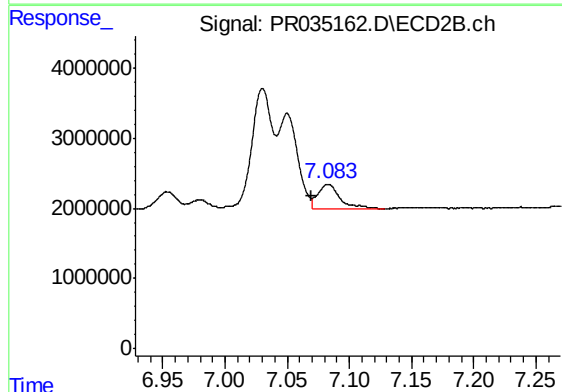
R.T.: 6.587 min  
Delta R.T.: 0.013 min  
Response: 12379085  
Conc: 31.86 ng/ml



#37 AR-1262-2

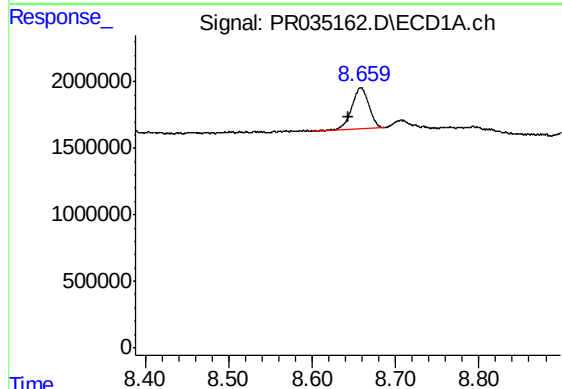
R.T.: 8.334 min  
Delta R.T.: -0.003 min  
Response: 5386820  
Conc: 19.05 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



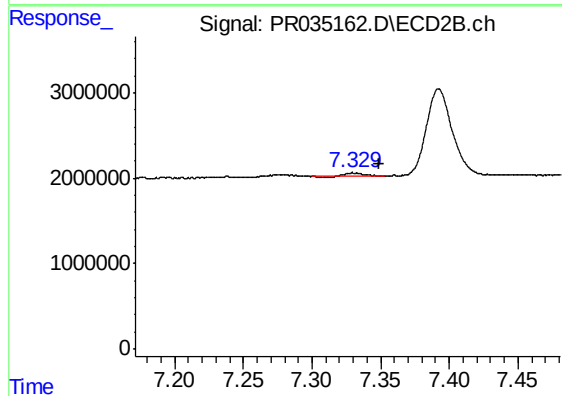
#37 AR-1262-2

R.T.: 7.083 min  
Delta R.T.: 0.013 min  
Response: 4311498  
Conc: 6.06 ng/ml



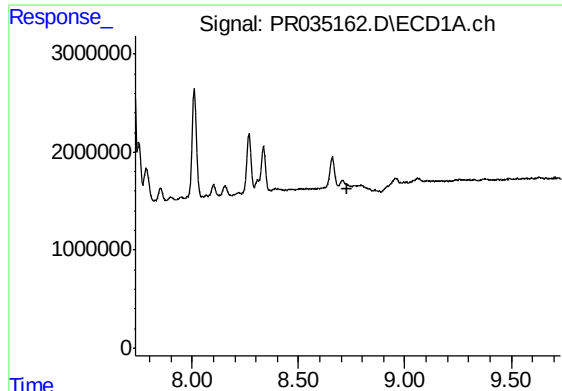
#38 AR-1262-3

R.T.: 8.659 min  
Delta R.T.: 0.015 min  
Response: 4359270  
Conc: 22.43 ng/ml



#38 AR-1262-3

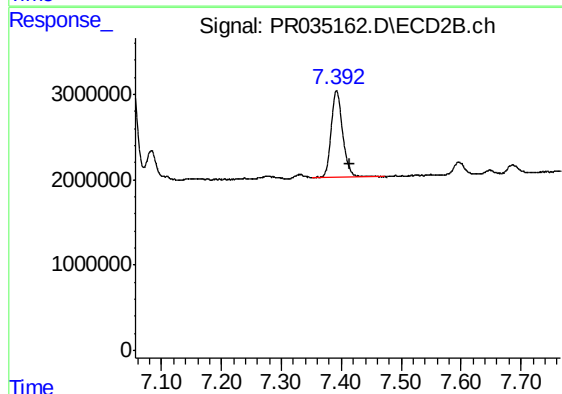
R.T.: 7.331 min  
Delta R.T.: -0.018 min  
Response: 323314  
Conc: 1.06 ng/ml



#39 AR-1262-4

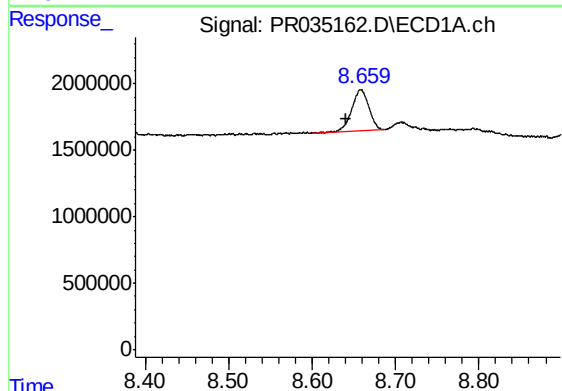
R.T.: 0.000 min  
Exp R.T.: 8.732 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



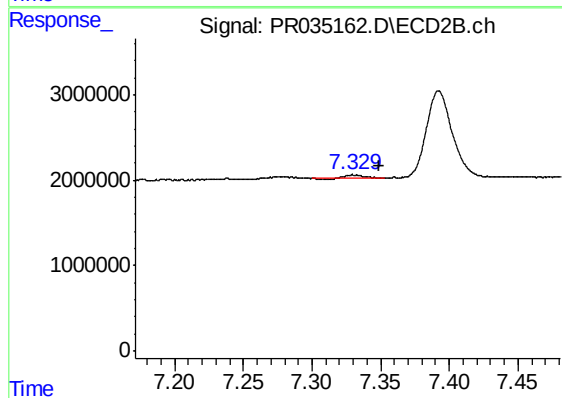
#39 AR-1262-4

R.T.: 7.392 min  
Delta R.T.: -0.021 min  
Response: 13531495  
Conc: 25.85 ng/ml



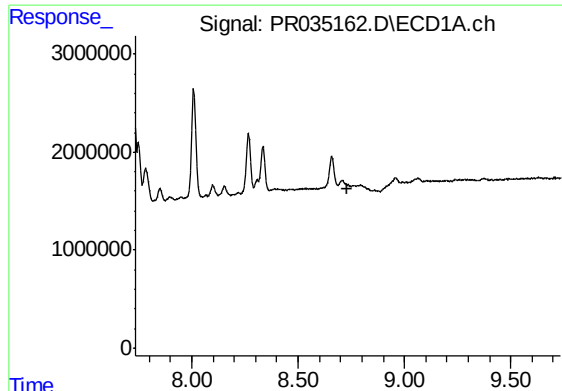
#41 AR-1268-1

R.T.: 8.659 min  
Delta R.T.: 0.017 min  
Response: 4359270  
Conc: 11.47 ng/ml



#41 AR-1268-1

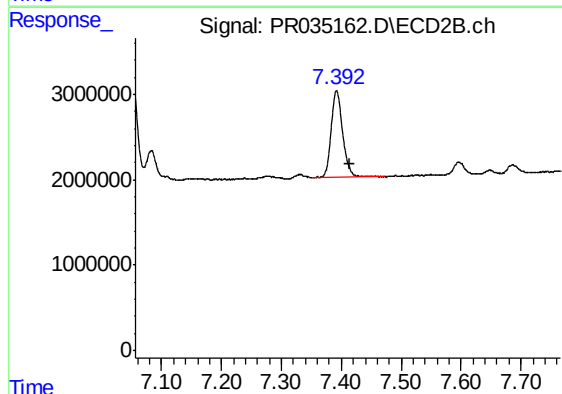
R.T.: 7.331 min  
Delta R.T.: -0.019 min  
Response: 323314  
Conc: 0.36 ng/ml



#42 AR-1268-2

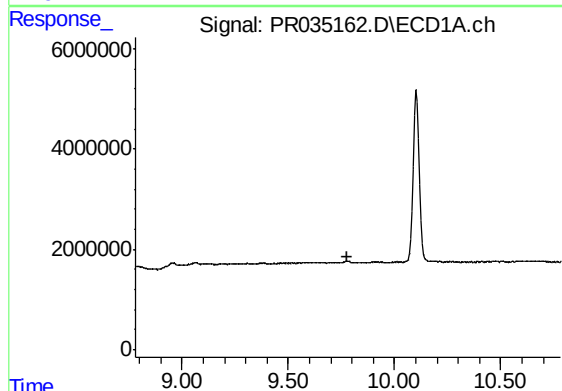
R.T.: 0.000 min  
Exp R.T. : 8.734 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



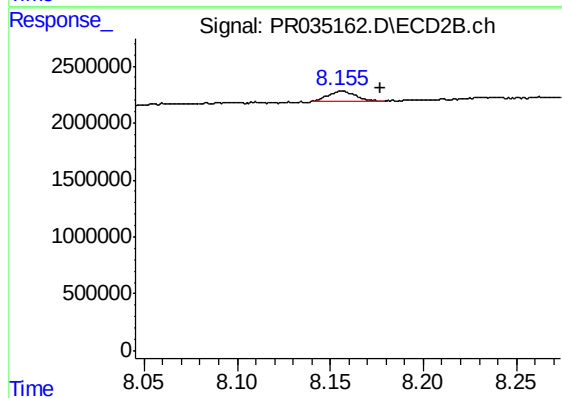
#42 AR-1268-2

R.T.: 7.392 min  
Delta R.T.: -0.022 min  
Response: 13531495  
Conc: 16.11 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.781 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.156 min  
Delta R.T.: -0.020 min  
Response: 906714  
Conc: 0.40 ng/ml