

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR091219\  
 Data File : PR041037.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Sep 2019 12:49  
 Operator : SM\AJ  
 Sample : K4810-15  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 C0AL5

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 13 02:43:19 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR091019CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 10 13:01:53 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... | 4.723  | 3.992  | 63484607 | 267.3E6  | 20.657  | 20.070    |
| 2)                          | SA Decachlor... | 10.642 | 9.118  | 90611916 | 280.1E6  | 32.558  | 28.656    |
|                             |                 |        |        |          |          |         |           |
| Target Compounds            |                 |        |        |          |          |         |           |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.331f | 0        | 11532576 | N.D.    | 56.764 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.331  | 0        | 11532576 | N.D.    | 70.616 #  |
| 7)                          | L1 AR-1016-5    | 6.380  | 5.548  | 2639561  | 6439029  | 33.862  | 27.706    |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.298  | 0        | 2177363  | N.D.    | 28.354 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.435f | 0        | 4301612  | N.D.    | 18.997 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.435f | 0        | 4301612  | N.D.    | 31.779 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.331f | 0        | 11532576 | N.D.    | 157.000 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.374  | 0        | 2520072  | N.D.    | 37.940 #  |
| 15)                         | L3 AR-1232-5    | 6.173  | 5.548  | 4361791  | 6439029  | 208.990 | 78.140 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.331f | 0        | 11532576 | N.D.    | 84.944 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.374  | 0        | 2520072  | N.D.    | 18.327 #  |
| 20)                         | L4 AR-1242-5    | 6.827  | 5.903  | 2792554  | 38398389 | 44.318  | 167.426 # |
| 22)                         | L5 AR-1248-2    | 6.173  | 5.331  | 4361791  | 11532576 | 52.304  | 58.632    |
| 23)                         | L5 AR-1248-3    | 6.380  | 5.374  | 2639561  | 2520072  | 27.979  | 12.404 #  |
| 24)                         | L5 AR-1248-4    | 6.784  | 5.548  | 3846278  | 6439029  | 32.911  | 24.424 #  |
| 25)                         | L5 AR-1248-5    | 6.827  | 5.946  | 2792554  | 5314611  | 25.464  | 16.817 #  |
| 26)                         | L6 AR-1254-1    | 6.758  | 5.903  | 9802437  | 38398389 | 79.969  | 80.203    |
| 27)                         | L6 AR-1254-2    | 6.975  | 6.050  | 16270218 | 40004721 | 84.979  | 90.597    |
| 28)                         | L6 AR-1254-3    | 7.345  | 6.458  | 14466748 | 63436582 | 66.850  | 84.328 #  |
| 29)                         | L6 AR-1254-4    | 7.629  | 6.686  | 11675084 | 42212453 | 71.670  | 80.726    |
| 30)                         | L6 AR-1254-5    | 8.049  | 7.106  | 13541306 | 60025663 | 74.134  | 93.952 #  |
| 31)                         | L7 AR-1260-1    | 7.507  | 6.589  | 7462295  | 33546674 | 48.339  | 65.849 #  |
| 32)                         | L7 AR-1260-2    | 7.761  | 6.775  | 7934248  | 30974283 | 43.129  | 48.724    |
| 33)                         | L7 AR-1260-3    | 8.079f | 6.932  | 1483558  | 30917596 | 10.686  | 53.606 #  |
| 34)                         | L7 AR-1260-4    | 8.352  | 7.406  | 5934833  | 3926313  | 36.500  | 7.953 #   |
| 35)                         | L7 AR-1260-5    | 8.700  | 7.644  | 3071565  | 7167202  | 8.986   | 5.509 #   |
| 36)                         | L8 AR-1262-1    | 8.079f | 7.179  | 1483558  | 9123924  | 6.545   | 11.133 #  |
| 37)                         | L8 AR-1262-2    | 8.700  | 7.644  | 3071565  | 7167202  | 7.010   | 4.593 #   |
| 38)                         | L8 AR-1262-3    | 9.053  | 7.996f | 1836844  | 6415885  | 6.543   | 10.625 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.996  | 0        | 6415885  | N.D.    | 5.754 #   |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.513  | 0        | 2490789  | N.D.    | 4.767 #   |
| 41)                         | L9 AR-1268-1    | 9.053  | 7.996f | 1836844  | 6415885  | 4.120   | 4.001     |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.996  | 0        | 6415885  | N.D.    | 4.293 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.513  | 0        | 2490789  | N.D.    | 4.783 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.833  | 0        | 2607424  | N.D.    | 0.707 #   |
| -----                       |                 |        |        |          |          |         |           |

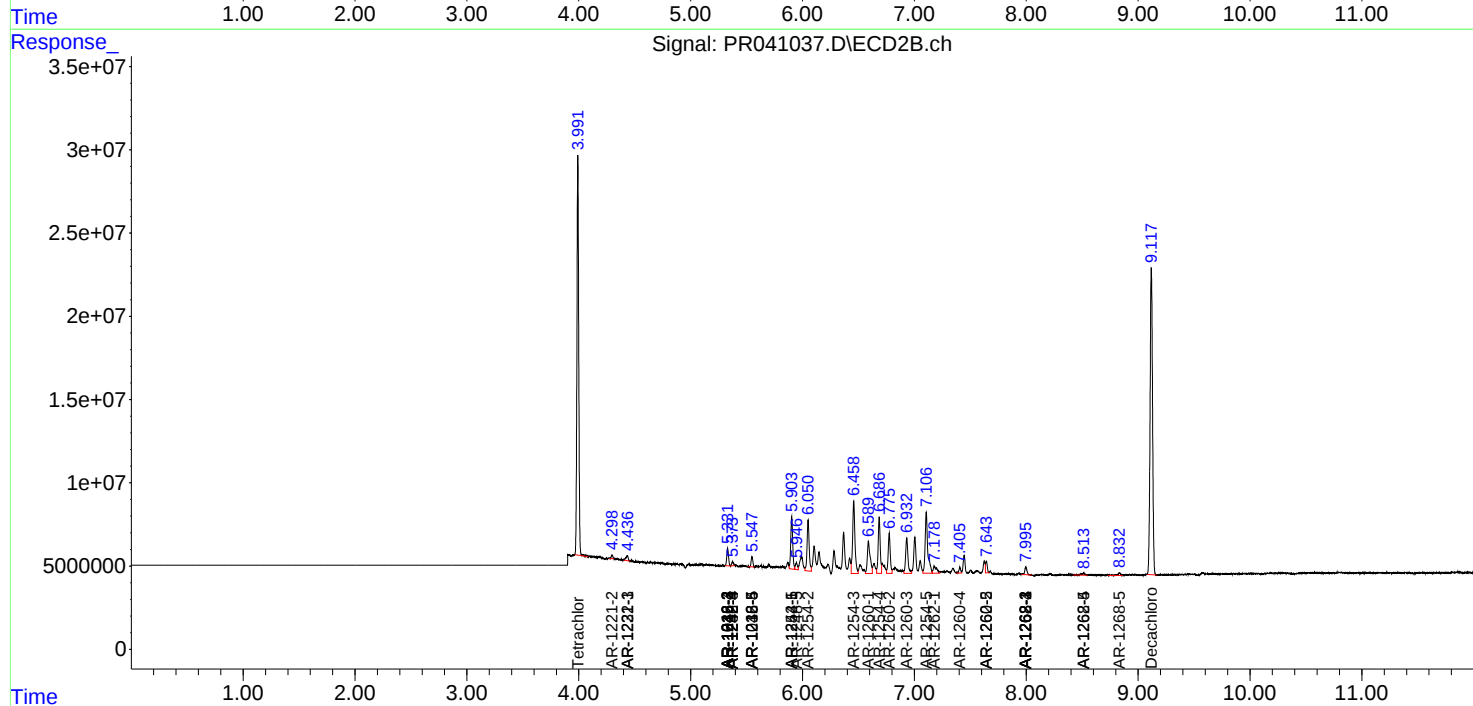
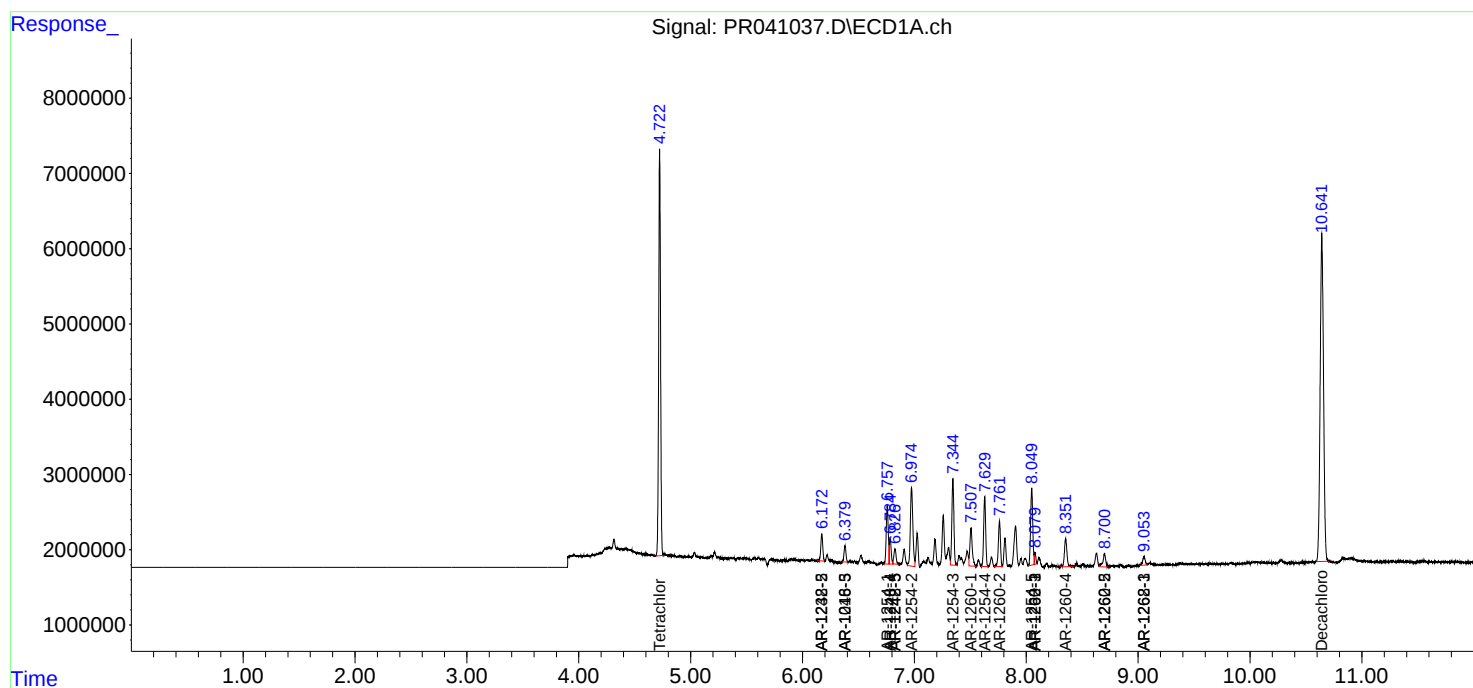
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

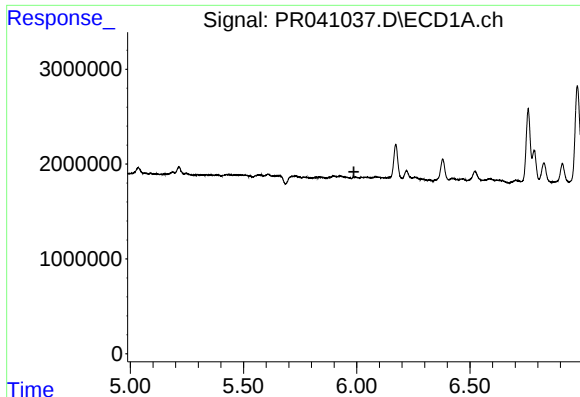
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR091219\  
Data File : PR041037.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Sep 2019 12:49  
Operator : SM\AJ  
Sample : K4810-15  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 13 02:43:19 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR091019CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 10 13:01:53 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

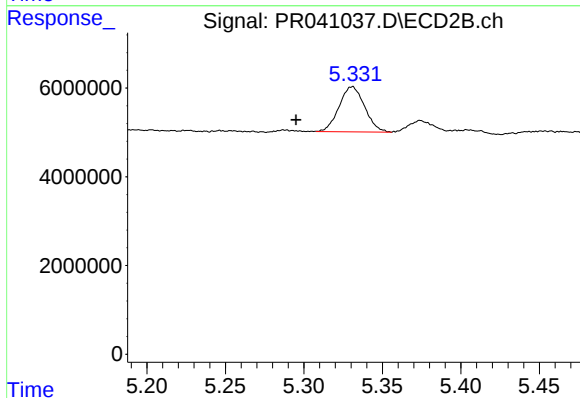




#5 AR-1016-3

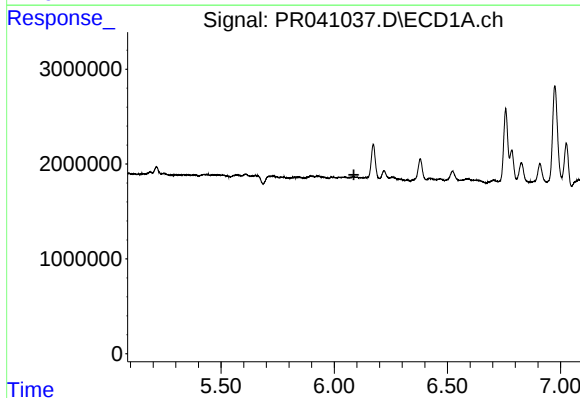
R.T.: 0.000 min  
Exp R.T.: 5.987 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



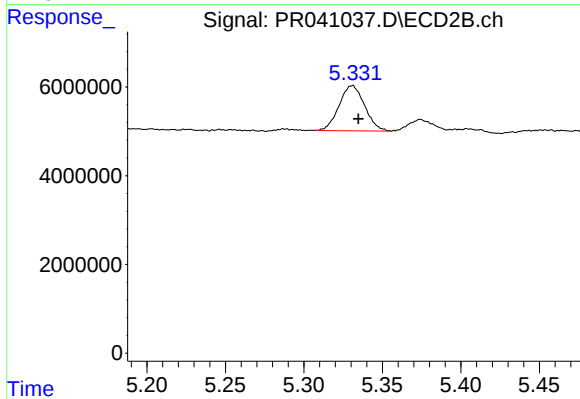
#5 AR-1016-3

R.T.: 5.331 min  
Delta R.T.: 0.036 min  
Response: 11532576  
Conc: 56.76 ng/ml



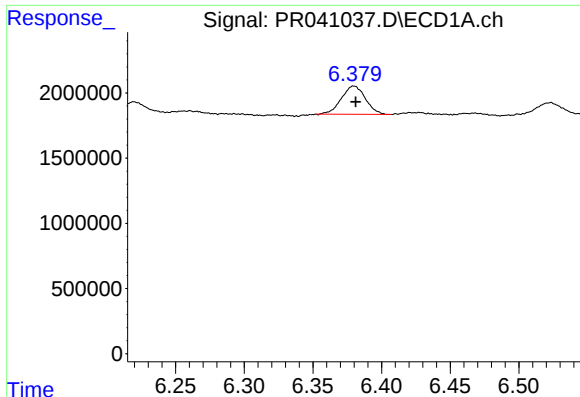
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 6.087 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

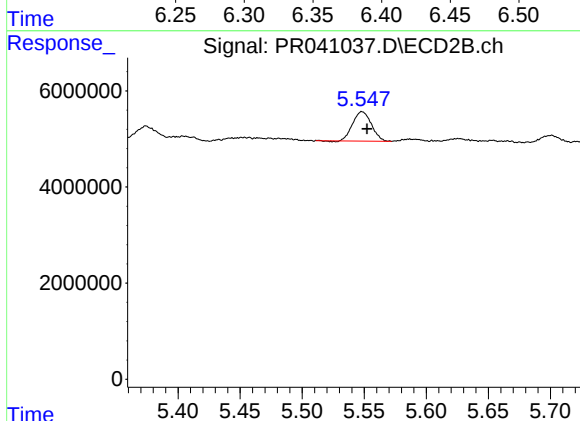
R.T.: 5.331 min  
Delta R.T.: -0.004 min  
Response: 11532576  
Conc: 70.62 ng/ml



#7 AR-1016-5

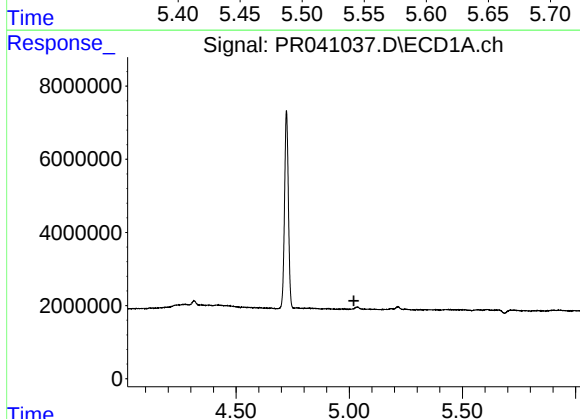
R.T.: 6.380 min  
Delta R.T.: -0.001 min  
Response: 2639561  
Conc: 33.86 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



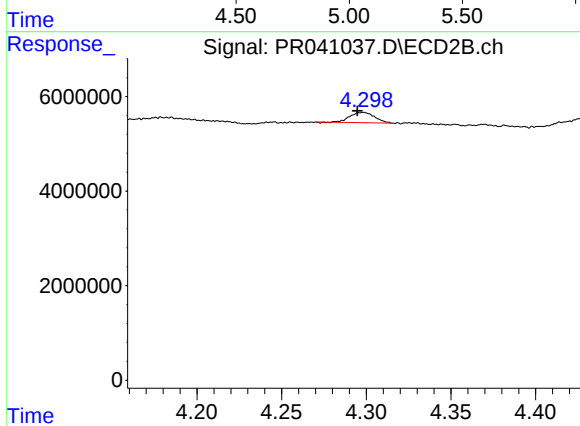
#7 AR-1016-5

R.T.: 5.548 min  
Delta R.T.: -0.004 min  
Response: 6439029  
Conc: 27.71 ng/ml



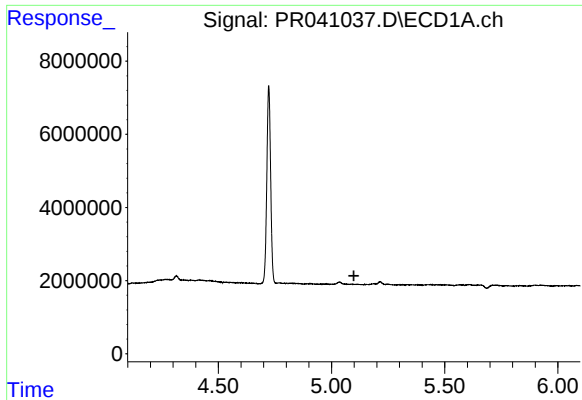
#9 AR-1221-2

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



#9 AR-1221-2

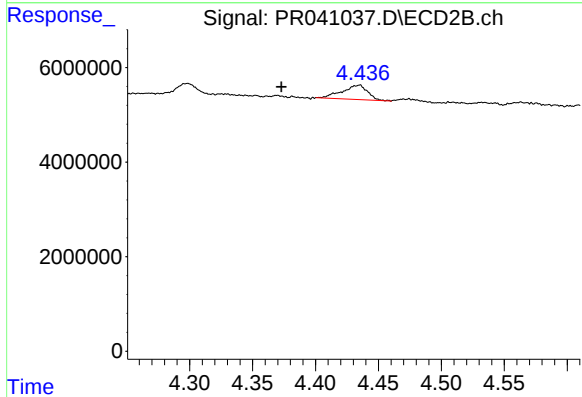
R.T.: 4.298 min  
Delta R.T.: 0.003 min  
Response: 2177363  
Conc: 28.35 ng/ml



#10 AR-1221-3

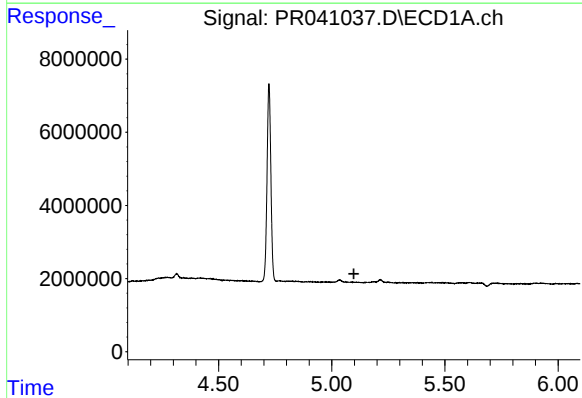
R.T.: 0.000 min  
Exp R.T. : 5.099 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



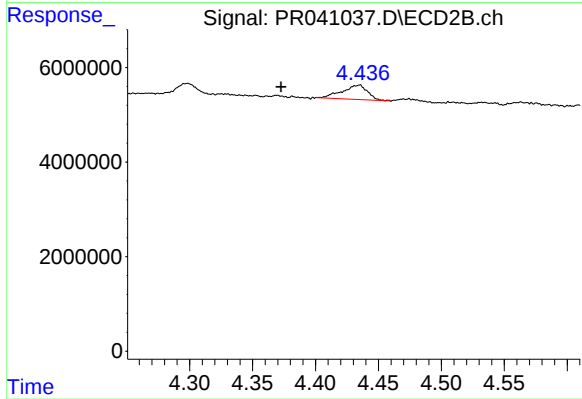
#10 AR-1221-3

R.T.: 4.435 min  
Delta R.T.: 0.062 min  
Response: 4301612  
Conc: 19.00 ng/ml



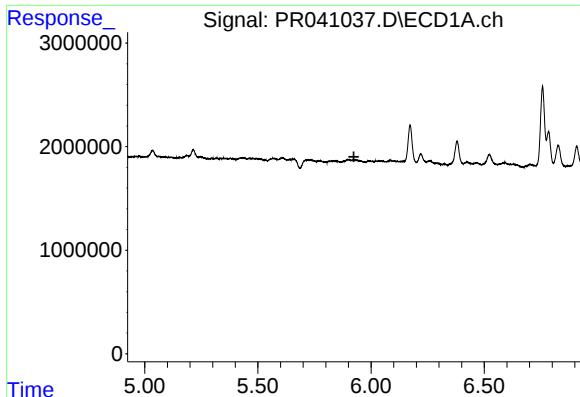
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 5.098 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

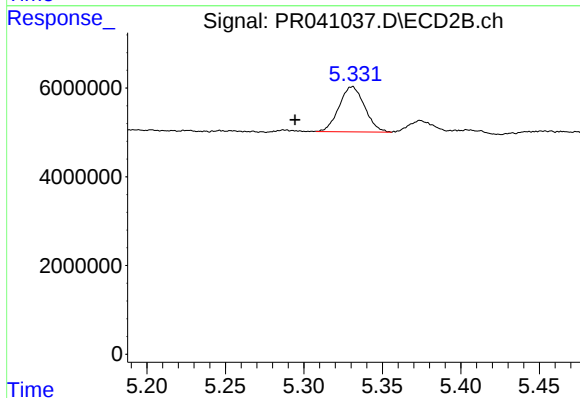
R.T.: 4.435 min  
Delta R.T.: 0.062 min  
Response: 4301612  
Conc: 31.78 ng/ml



#13 AR-1232-3

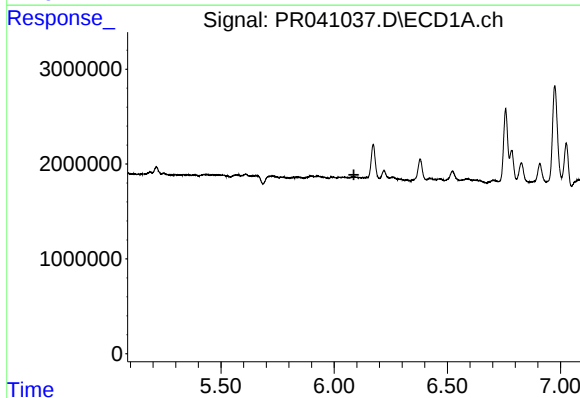
R.T.: 0.000 min  
Exp R.T.: 5.924 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



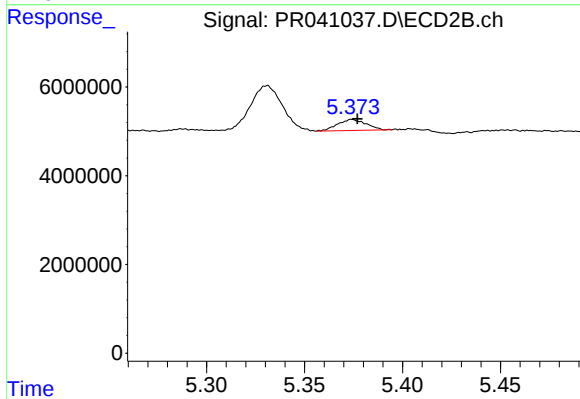
#13 AR-1232-3

R.T.: 5.331 min  
Delta R.T.: 0.036 min  
Response: 11532576  
Conc: 157.00 ng/ml



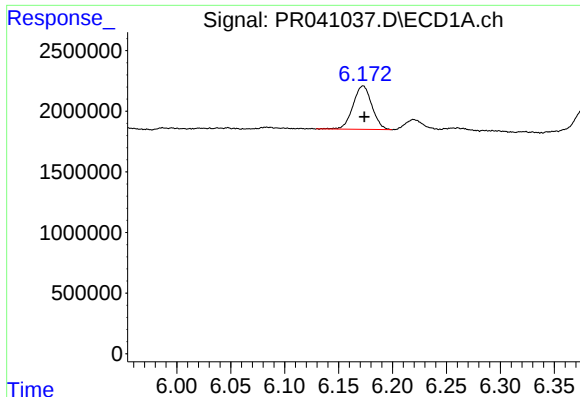
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 6.087 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

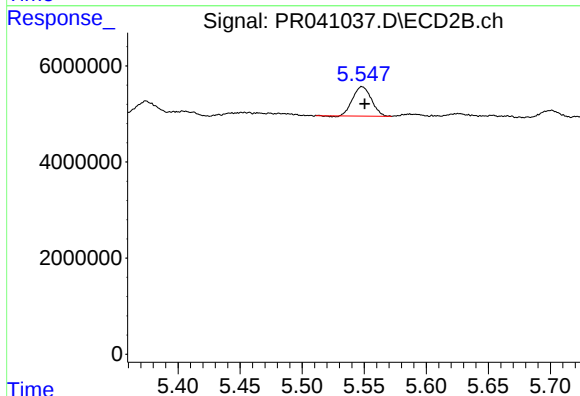
R.T.: 5.374 min  
Delta R.T.: -0.003 min  
Response: 2520072  
Conc: 37.94 ng/ml



#15 AR-1232-5

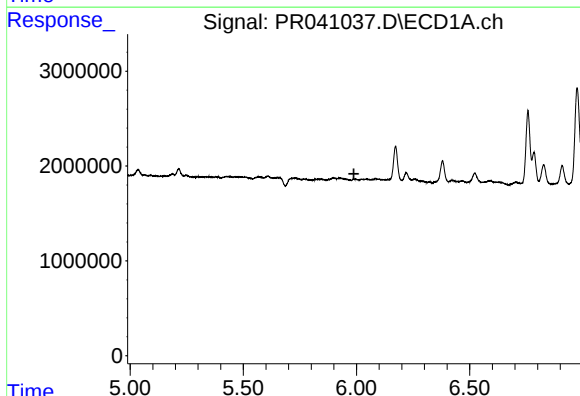
R.T.: 6.173 min  
Delta R.T.: -0.001 min  
Response: 4361791  
Conc: 208.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



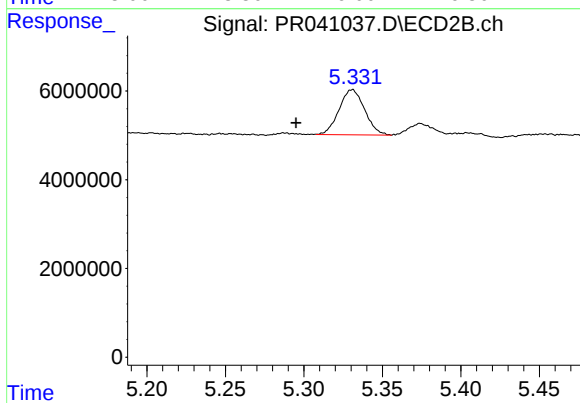
#15 AR-1232-5

R.T.: 5.548 min  
Delta R.T.: -0.002 min  
Response: 6439029  
Conc: 78.14 ng/ml



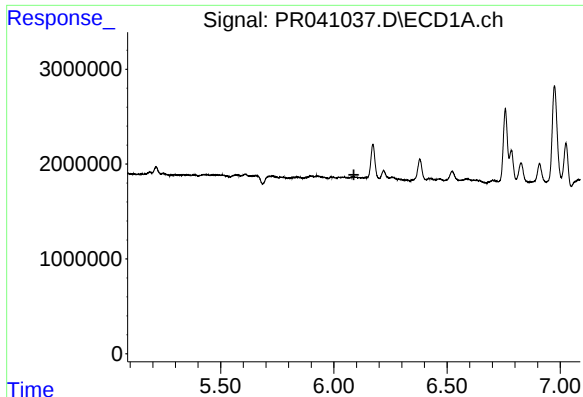
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.989 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

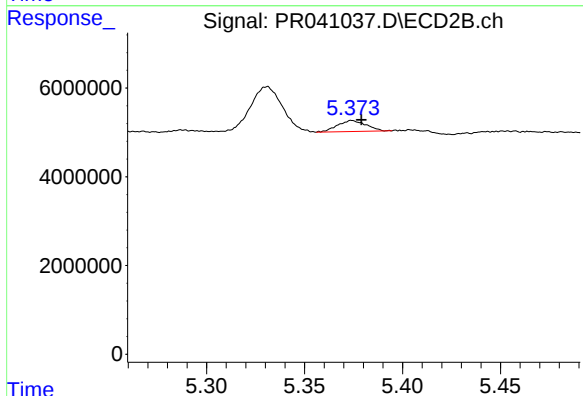
R.T.: 5.331 min  
Delta R.T.: 0.036 min  
Response: 11532576  
Conc: 84.94 ng/ml



#19 AR-1242-4

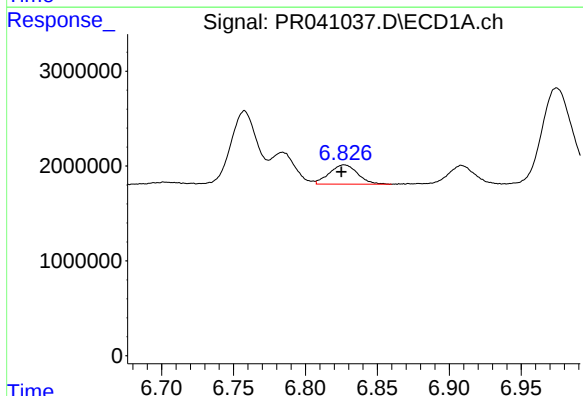
R.T.: 0.000 min  
Exp R.T.: 6.088 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



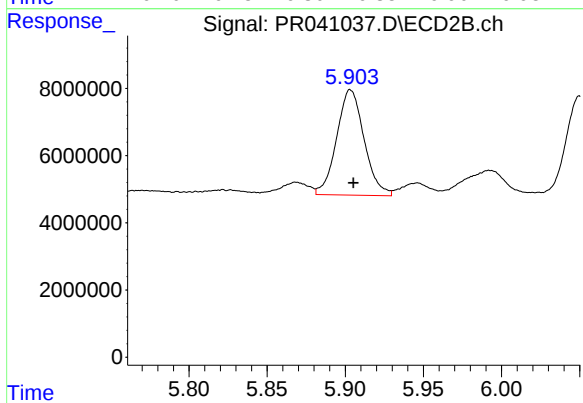
#19 AR-1242-4

R.T.: 5.374 min  
Delta R.T.: -0.005 min  
Response: 2520072  
Conc: 18.33 ng/ml



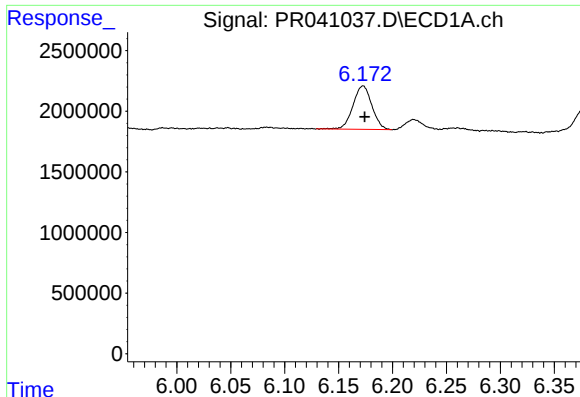
#20 AR-1242-5

R.T.: 6.827 min  
Delta R.T.: 0.002 min  
Response: 2792554  
Conc: 44.32 ng/ml



#20 AR-1242-5

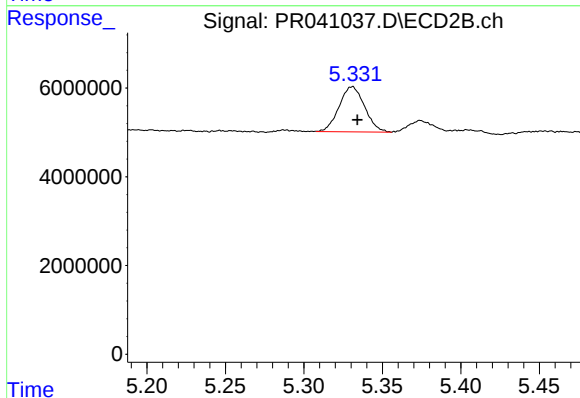
R.T.: 5.903 min  
Delta R.T.: -0.002 min  
Response: 38398389  
Conc: 167.43 ng/ml



#22 AR-1248-2

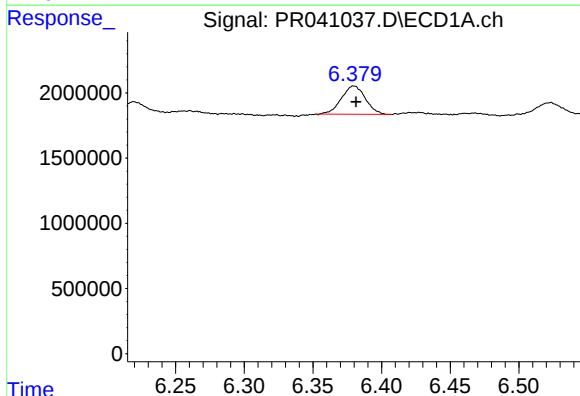
R.T.: 6.173 min  
Delta R.T.: -0.002 min  
Response: 4361791  
Conc: 52.30 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



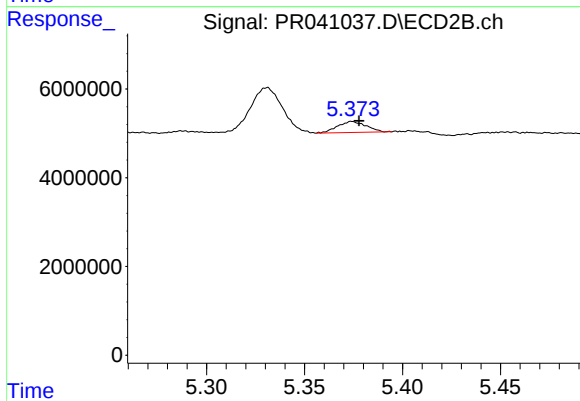
#22 AR-1248-2

R.T.: 5.331 min  
Delta R.T.: -0.003 min  
Response: 11532576  
Conc: 58.63 ng/ml



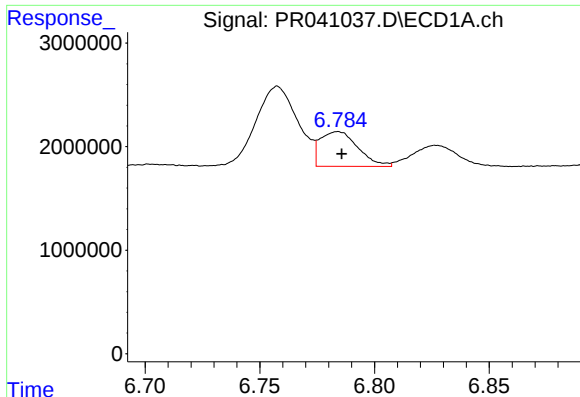
#23 AR-1248-3

R.T.: 6.380 min  
Delta R.T.: -0.002 min  
Response: 2639561  
Conc: 27.98 ng/ml



#23 AR-1248-3

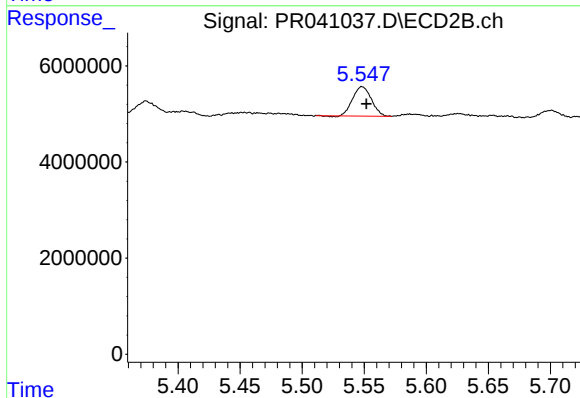
R.T.: 5.374 min  
Delta R.T.: -0.004 min  
Response: 2520072  
Conc: 12.40 ng/ml



#24 AR-1248-4

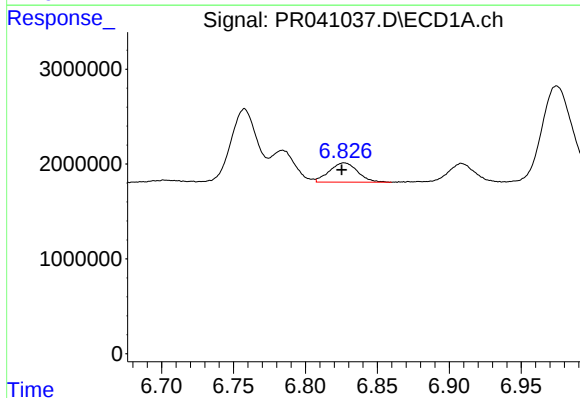
R.T.: 6.784 min  
Delta R.T.: -0.002 min  
Response: 3846278  
Conc: 32.91 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



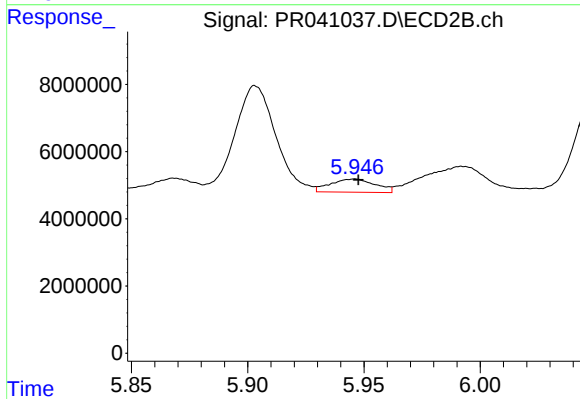
#24 AR-1248-4

R.T.: 5.548 min  
Delta R.T.: -0.003 min  
Response: 6439029  
Conc: 24.42 ng/ml



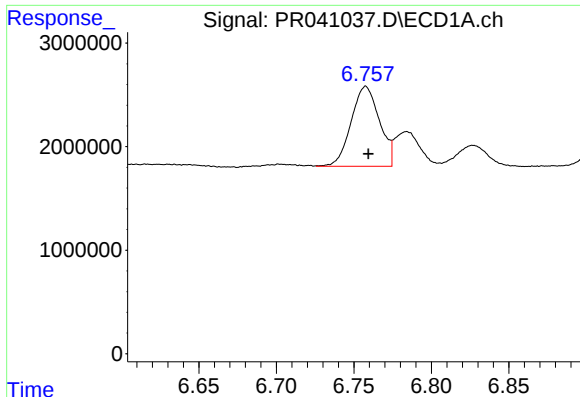
#25 AR-1248-5

R.T.: 6.827 min  
Delta R.T.: 0.002 min  
Response: 2792554  
Conc: 25.46 ng/ml



#25 AR-1248-5

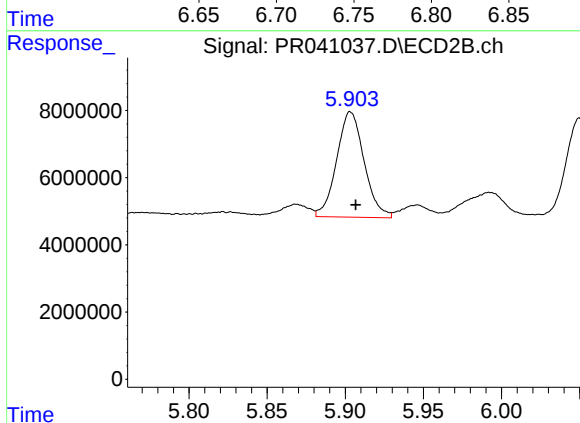
R.T.: 5.946 min  
Delta R.T.: -0.002 min  
Response: 5314611  
Conc: 16.82 ng/ml



#26 AR-1254-1

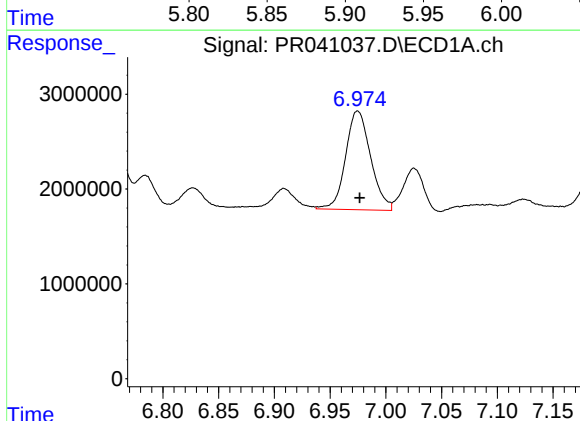
R.T.: 6.758 min  
Delta R.T.: -0.002 min  
Response: 9802437  
Conc: 79.97 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



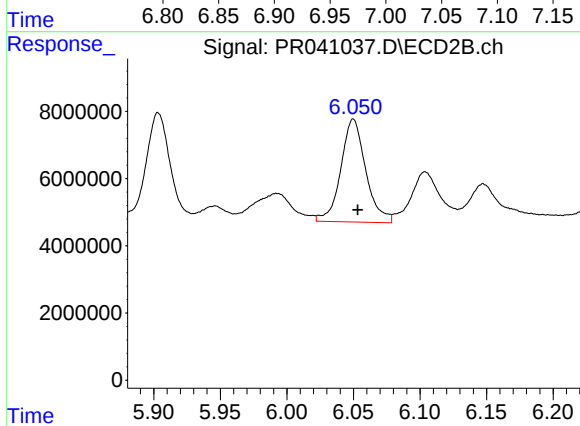
#26 AR-1254-1

R.T.: 5.903 min  
Delta R.T.: -0.003 min  
Response: 38398389  
Conc: 80.20 ng/ml



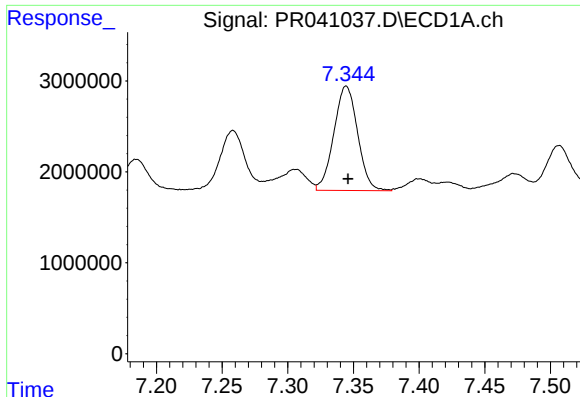
#27 AR-1254-2

R.T.: 6.975 min  
Delta R.T.: -0.002 min  
Response: 16270218  
Conc: 84.98 ng/ml



#27 AR-1254-2

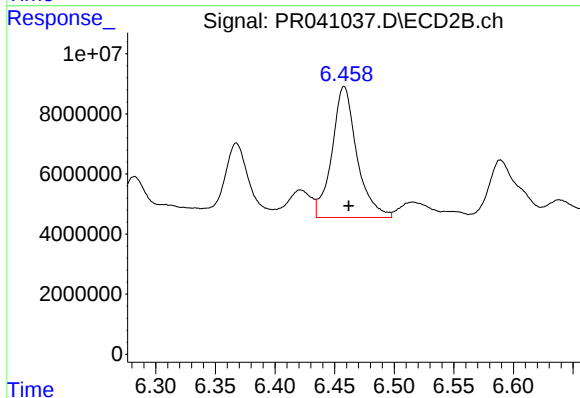
R.T.: 6.050 min  
Delta R.T.: -0.003 min  
Response: 40004721  
Conc: 90.60 ng/ml



#28 AR-1254-3

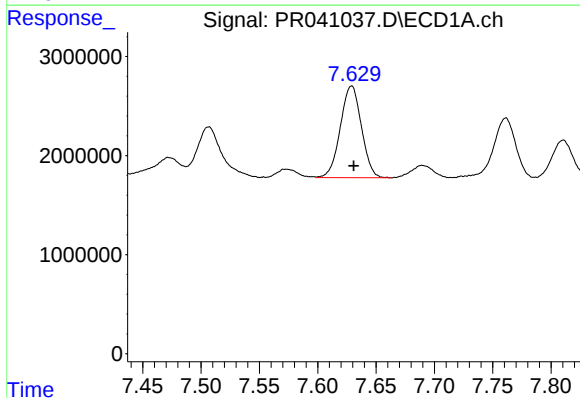
R.T.: 7.345 min  
Delta R.T.: -0.001 min  
Response: 14466748  
Conc: 66.85 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



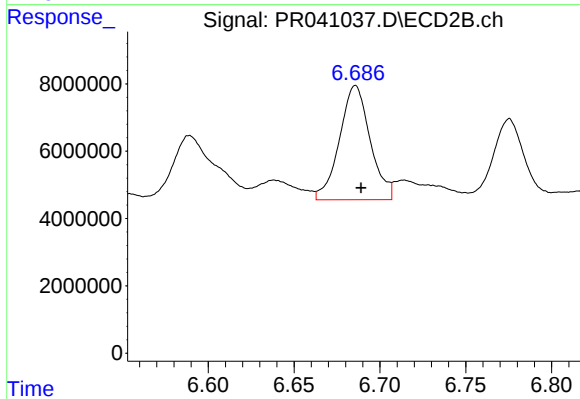
#28 AR-1254-3

R.T.: 6.458 min  
Delta R.T.: -0.004 min  
Response: 63436582  
Conc: 84.33 ng/ml



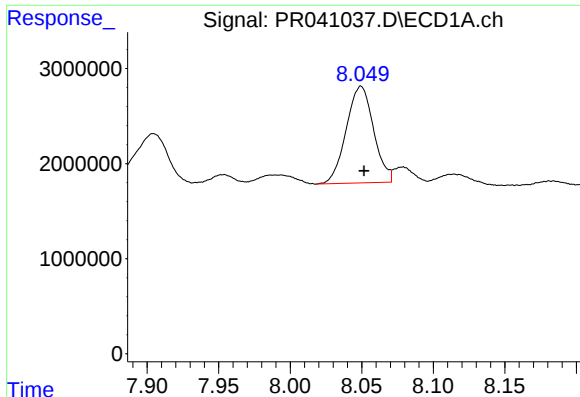
#29 AR-1254-4

R.T.: 7.629 min  
Delta R.T.: -0.002 min  
Response: 11675084  
Conc: 71.67 ng/ml



#29 AR-1254-4

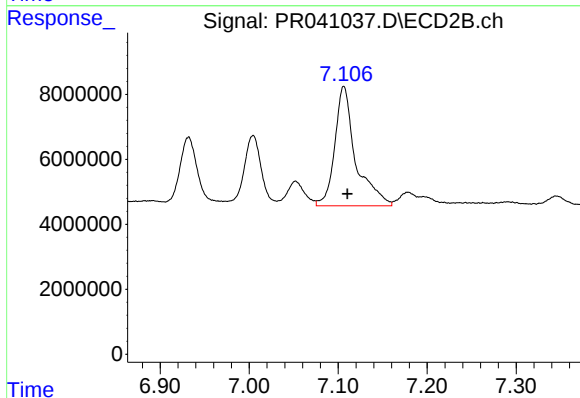
R.T.: 6.686 min  
Delta R.T.: -0.003 min  
Response: 42212453  
Conc: 80.73 ng/ml



#30 AR-1254-5

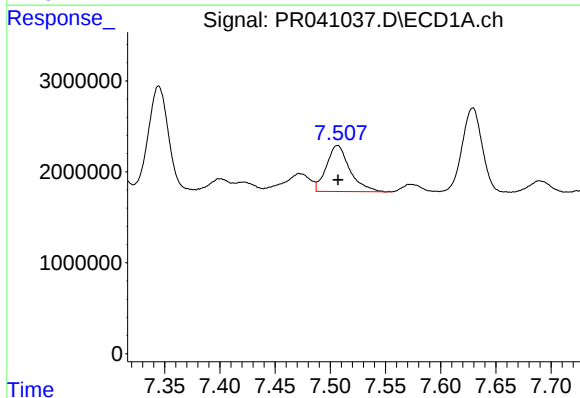
R.T.: 8.049 min  
Delta R.T.: -0.002 min  
Response: 13541306  
Conc: 74.13 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



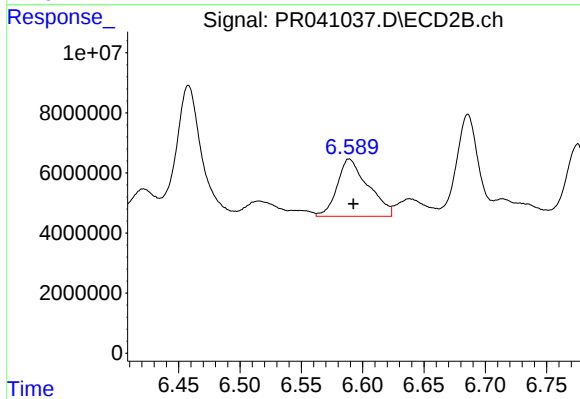
#30 AR-1254-5

R.T.: 7.106 min  
Delta R.T.: -0.004 min  
Response: 60025663  
Conc: 93.95 ng/ml



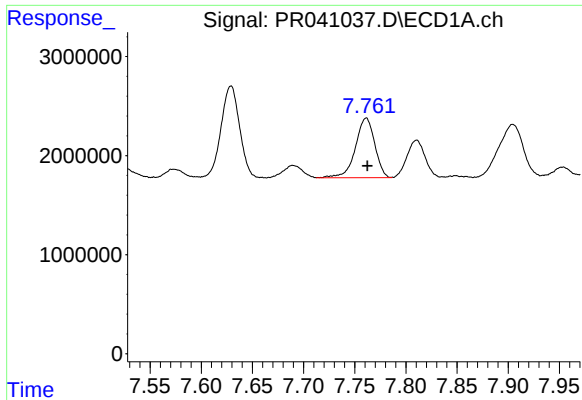
#31 AR-1260-1

R.T.: 7.507 min  
Delta R.T.: 0.000 min  
Response: 7462295  
Conc: 48.34 ng/ml



#31 AR-1260-1

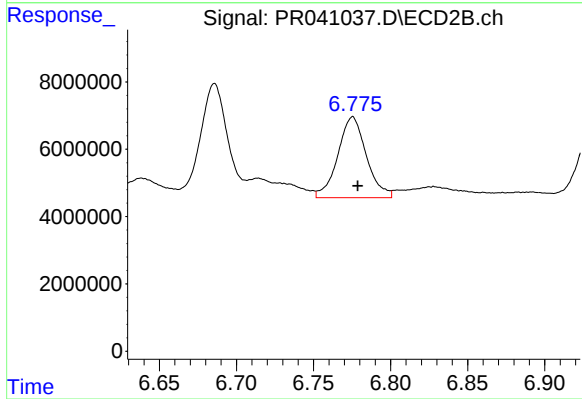
R.T.: 6.589 min  
Delta R.T.: -0.003 min  
Response: 33546674  
Conc: 65.85 ng/ml



#32 AR-1260-2

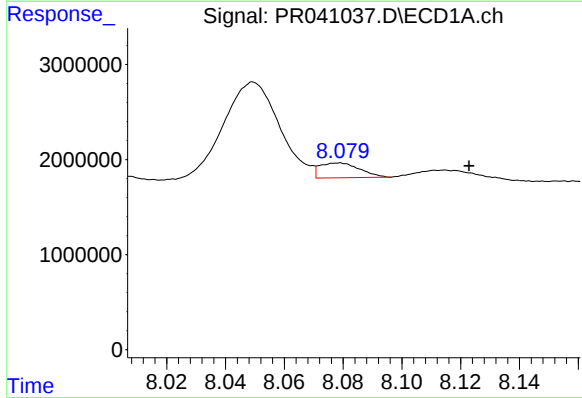
R.T.: 7.761 min  
Delta R.T.: -0.001 min  
Response: 7934248  
Conc: 43.13 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



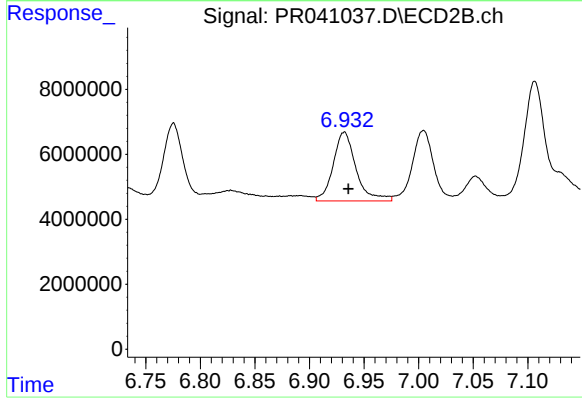
#32 AR-1260-2

R.T.: 6.775 min  
Delta R.T.: -0.003 min  
Response: 30974283  
Conc: 48.72 ng/ml



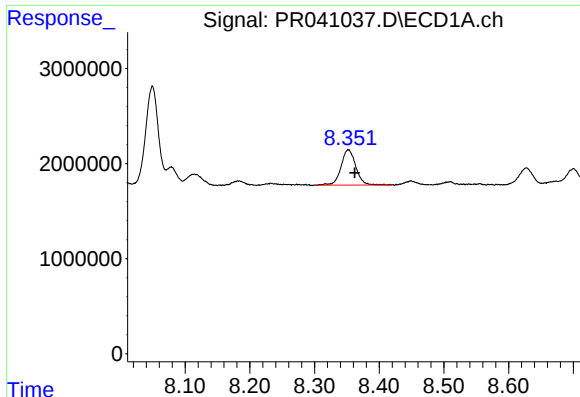
#33 AR-1260-3

R.T.: 8.079 min  
Delta R.T.: -0.044 min  
Response: 1483558  
Conc: 10.69 ng/ml



#33 AR-1260-3

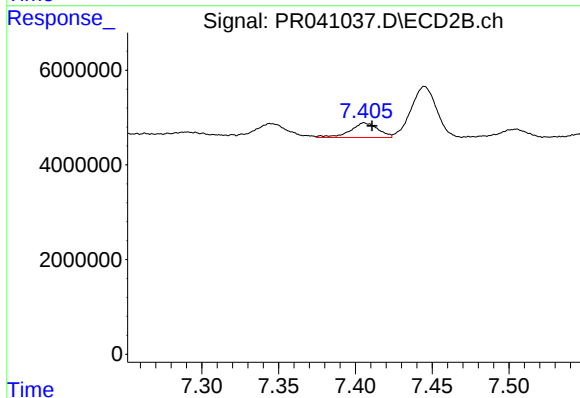
R.T.: 6.932 min  
Delta R.T.: -0.004 min  
Response: 30917596  
Conc: 53.61 ng/ml



#34 AR-1260-4

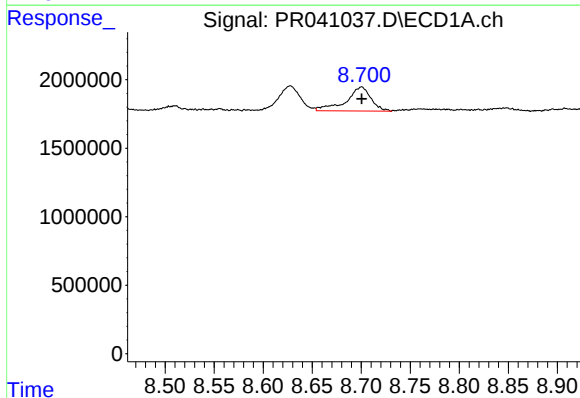
R.T.: 8.352 min  
Delta R.T.: -0.010 min  
Response: 5934833  
Conc: 36.50 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



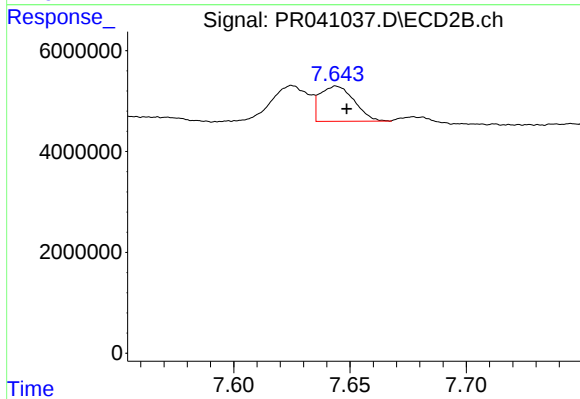
#34 AR-1260-4

R.T.: 7.406 min  
Delta R.T.: -0.005 min  
Response: 3926313  
Conc: 7.95 ng/ml



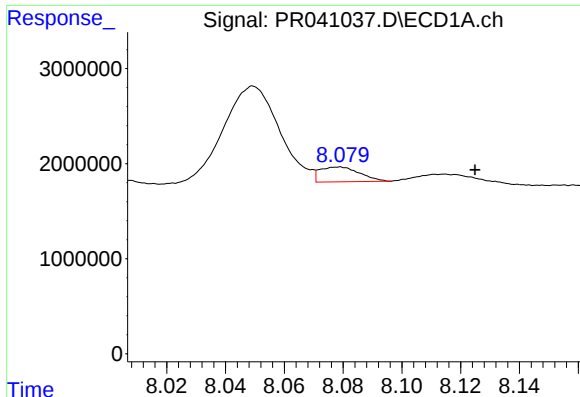
#35 AR-1260-5

R.T.: 8.700 min  
Delta R.T.: 0.000 min  
Response: 3071565  
Conc: 8.99 ng/ml



#35 AR-1260-5

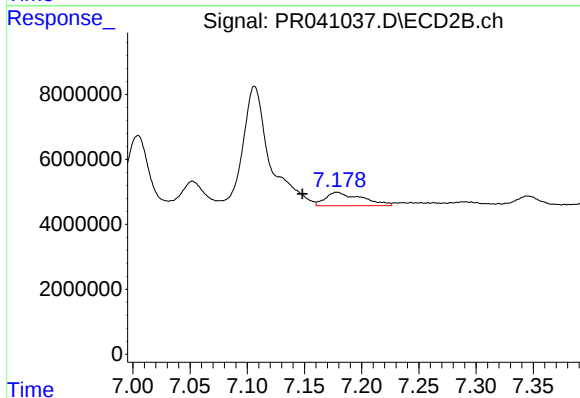
R.T.: 7.644 min  
Delta R.T.: -0.004 min  
Response: 7167202  
Conc: 5.51 ng/ml



#36 AR-1262-1

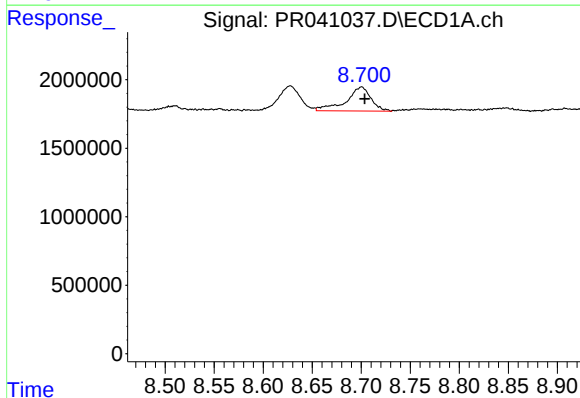
R.T.: 8.079 min  
Delta R.T.: -0.046 min  
Response: 1483558  
Conc: 6.55 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



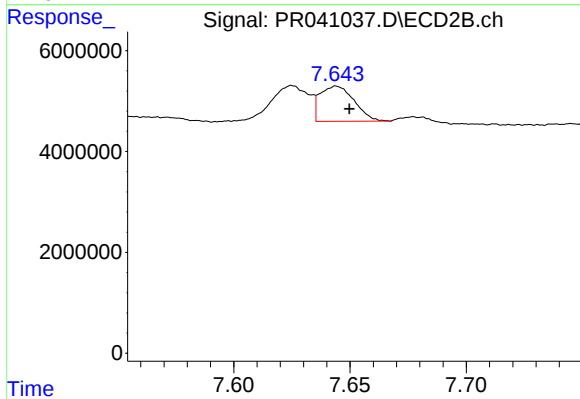
#36 AR-1262-1

R.T.: 7.179 min  
Delta R.T.: 0.030 min  
Response: 9123924  
Conc: 11.13 ng/ml



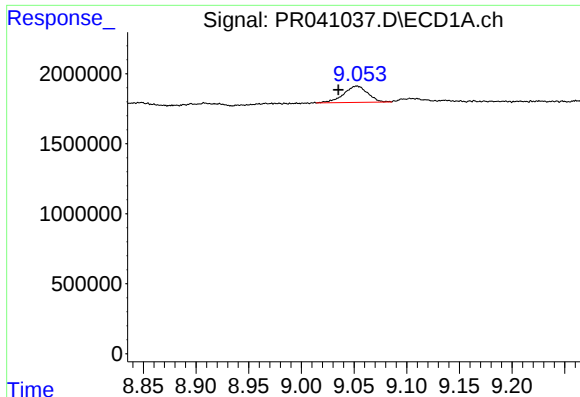
#37 AR-1262-2

R.T.: 8.700 min  
Delta R.T.: -0.003 min  
Response: 3071565  
Conc: 7.01 ng/ml



#37 AR-1262-2

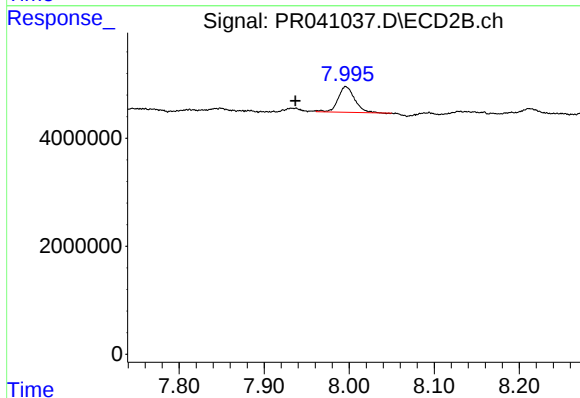
R.T.: 7.644 min  
Delta R.T.: -0.005 min  
Response: 7167202  
Conc: 4.59 ng/ml



#38 AR-1262-3

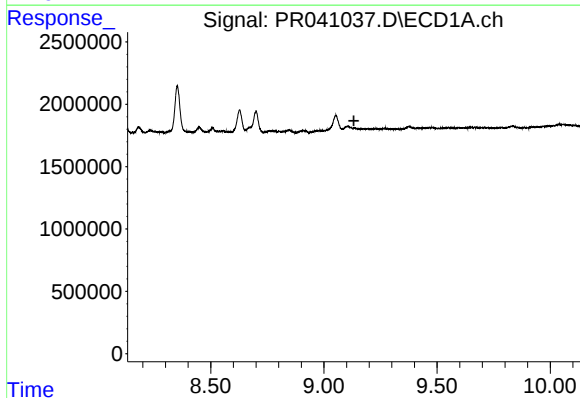
R.T.: 9.053 min  
Delta R.T.: 0.018 min  
Response: 1836844  
Conc: 6.54 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



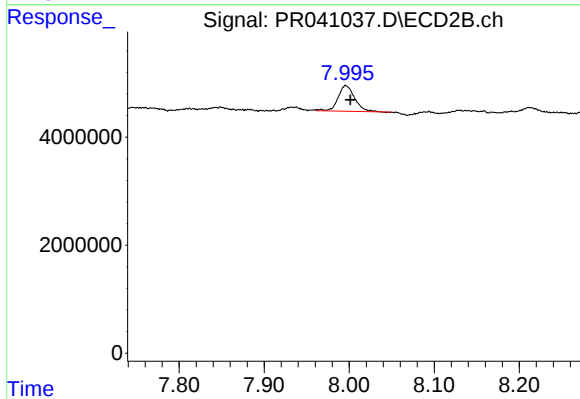
#38 AR-1262-3

R.T.: 7.996 min  
Delta R.T.: 0.059 min  
Response: 6415885  
Conc: 10.62 ng/ml



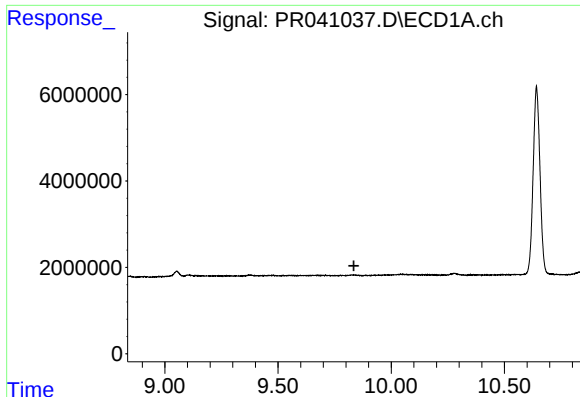
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 9.132 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

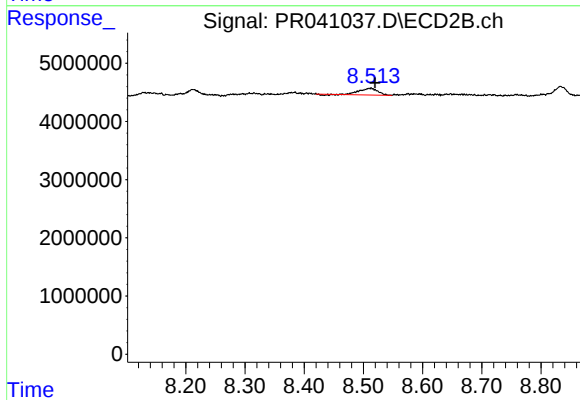
R.T.: 7.996 min  
Delta R.T.: -0.006 min  
Response: 6415885  
Conc: 5.75 ng/ml



#40 AR-1262-5

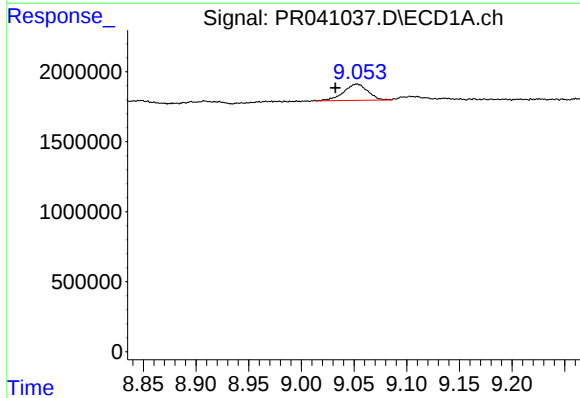
R.T.: 0.000 min  
Exp R.T.: 9.835 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



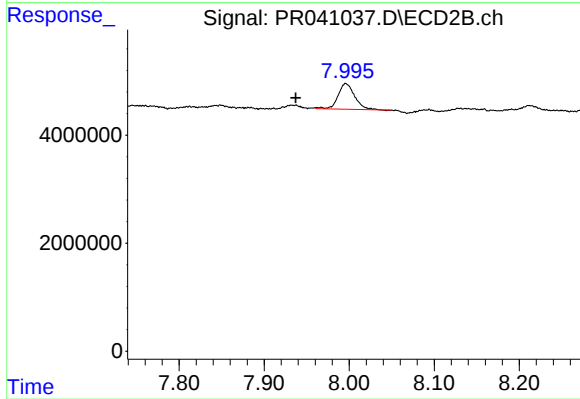
#40 AR-1262-5

R.T.: 8.513 min  
Delta R.T.: -0.007 min  
Response: 2490789  
Conc: 4.77 ng/ml



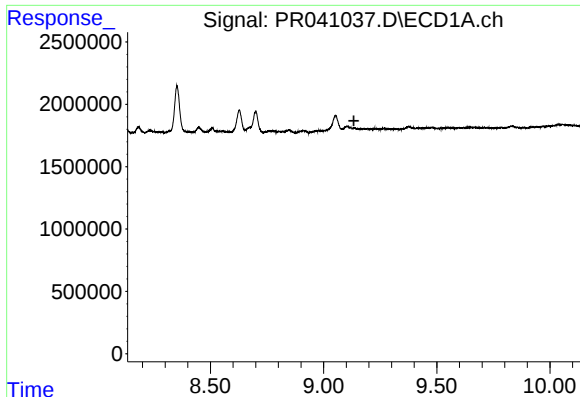
#41 AR-1268-1

R.T.: 9.053 min  
Delta R.T.: 0.020 min  
Response: 1836844  
Conc: 4.12 ng/ml



#41 AR-1268-1

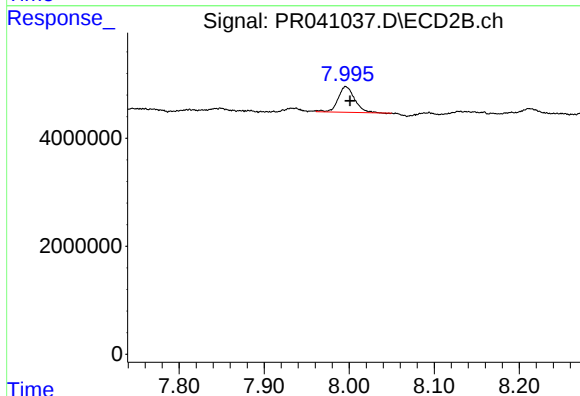
R.T.: 7.996 min  
Delta R.T.: 0.059 min  
Response: 6415885  
Conc: 4.00 ng/ml



#42 AR-1268-2

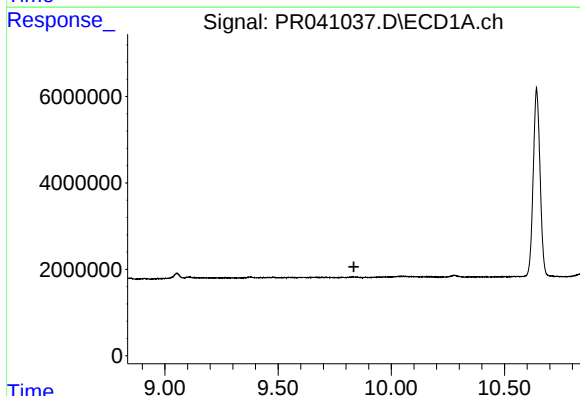
R.T.: 0.000 min  
Exp R.T.: 9.134 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



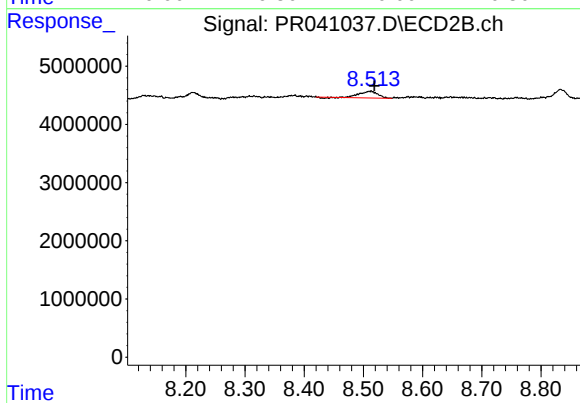
#42 AR-1268-2

R.T.: 7.996 min  
Delta R.T.: -0.005 min  
Response: 6415885  
Conc: 4.29 ng/ml



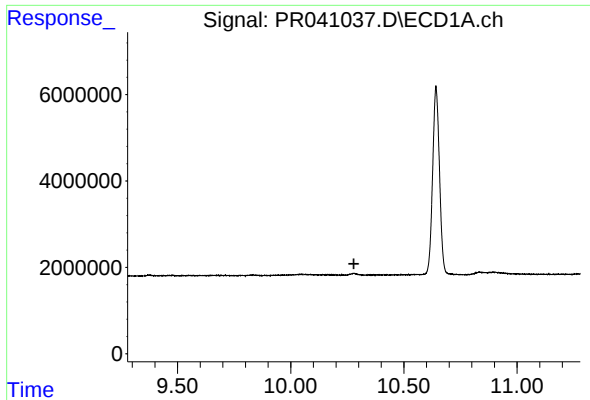
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 9.835 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

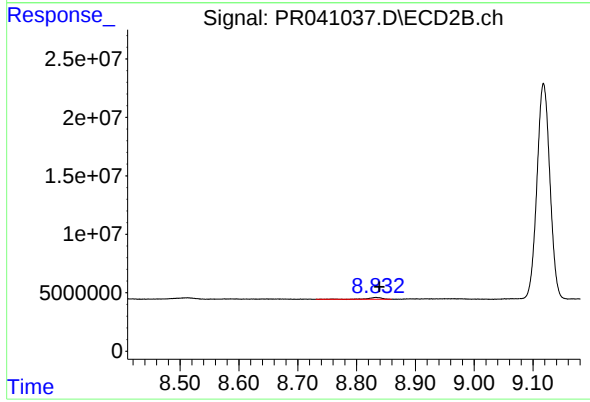
R.T.: 8.513 min  
Delta R.T.: -0.006 min  
Response: 2490789  
Conc: 4.78 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.279 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
C0AL5



#45 AR-1268-5

R.T.: 8.833 min  
Delta R.T.: -0.006 min  
Response: 2607424  
Conc: 0.71 ng/ml