

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR093019\  
 Data File : PR041639.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Sep 2019 13:28  
 Operator : SM\AJ  
 Sample : K5027-09DL2 1000X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 C0AX1DL2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 30 13:52:23 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR092319CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Sep 24 04:36:18 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 |                 |        |       |          |          |          |            |
| 2)                          | SA Decachlor... | 0.000  | 9.117 | 0        | 1041473  | N.D.     | 0.097 #    |
| Target Compounds            |                 |        |       |          |          |          |            |
| 3)                          | L1 AR-1016-1    | 5.913  | 5.100 | 1234393  | 3012986  | 19.303   | 20.448     |
| 4)                          | L1 AR-1016-2    | 5.937  | 5.122 | 3473235  | 6580892  | 38.141   | 31.965     |
| 5)                          | L1 AR-1016-3    | 5.987  | 5.300 | 1097500  | 3455677  | 20.000   | 29.202 #   |
| 6)                          | L1 AR-1016-4    | 6.098  | 5.338 | 1594619  | 54431378 | 33.246   | 558.751 #  |
| 7)                          | L1 AR-1016-5    | 6.392  | 5.555 | 15552114 | 38735655 | 314.363  | 278.627    |
| 12)                         | L3 AR-1232-2    | 5.645  | 5.122 | 1167459  | 6580892  | 71.361   | 67.666     |
| 13)                         | L3 AR-1232-3    | 5.937  | 5.300 | 3473235  | 3455677  | 91.613   | 76.958     |
| 14)                         | L3 AR-1232-4    | 6.098  | 5.381 | 1594619  | 19223704 | 86.421   | 458.949 #  |
| 15)                         | L3 AR-1232-5    | 6.184  | 5.555 | 24023787 | 38735655 | 1738.626 | 724.110 #  |
| 16)                         | L4 AR-1242-1    | 5.913  | 5.100 | 1234393  | 3012986  | 23.998   | 26.870     |
| 17)                         | L4 AR-1242-2    | 5.937  | 5.122 | 3473235  | 6580892  | 47.654   | 41.159     |
| 18)                         | L4 AR-1242-3    | 5.987  | 5.300 | 1097500  | 3455677  | 24.821   | 38.097 #   |
| 19)                         | L4 AR-1242-4    | 6.098  | 5.381 | 1594619  | 19223704 | 43.468   | 204.279 #  |
| 20)                         | L4 AR-1242-5    | 6.837  | 5.909 | 21142108 | 191.7E6  | 412.463  | 1130.318 # |
| 21)                         | L5 AR-1248-1    | 5.913  | 5.100 | 1234393  | 3012986  | 33.629   | 35.746     |
| 22)                         | L5 AR-1248-2    | 6.184  | 5.338 | 24023787 | 54431378 | 436.141  | 447.521    |
| 23)                         | L5 AR-1248-3    | 6.392  | 5.381 | 15552114 | 19223704 | 242.206  | 151.632 #  |
| 24)                         | L5 AR-1248-4    | 6.795  | 5.555 | 22743872 | 38735655 | 266.500  | 230.780    |
| 25)                         | L5 AR-1248-5    | 6.837  | 5.951 | 21142108 | 37453524 | 259.461  | 172.017 #  |
| 26)                         | L6 AR-1254-1    | 6.769  | 5.909 | 54733550 | 191.7E6  | 657.720  | 591.257    |
| 27)                         | L6 AR-1254-2    | 6.986  | 6.056 | 98988471 | 212.3E6  | 704.470  | 695.022    |
| 28)                         | L6 AR-1254-3    | 7.355  | 6.463 | 127.2E6  | 403.1E6  | 750.426  | 720.296    |
| 29)                         | L6 AR-1254-4    | 7.640  | 6.690 | 111.4E6  | 339.0E6  | 820.556  | 794.284    |
| 30)                         | L6 AR-1254-5    | 8.059  | 7.110 | 128.8E6  | 468.9E6  | 837.721  | 810.585    |
| 31)                         | L7 AR-1260-1    | 7.517  | 6.593 | 48456586 | 189.8E6  | 409.198  | 487.209    |
| 32)                         | L7 AR-1260-2    | 7.772  | 6.779 | 68608277 | 200.3E6  | 464.918  | 371.579    |
| 33)                         | L7 AR-1260-3    | 8.124  | 6.935 | 14753631 | 171.1E6  | 127.218  | 366.331 #  |
| 34)                         | L7 AR-1260-4    | 8.363  | 7.410 | 55894639 | 24064459 | 391.485  | 56.780 #   |
| 35)                         | L7 AR-1260-5    | 8.710  | 7.648 | 26343216 | 74819240 | 85.505   | 61.423 #   |
| 36)                         | L8 AR-1262-1    | 8.193  | 7.110 | 4403282  | 468.9E6  | 57.171   | 1401.055 # |
| 37)                         | L8 AR-1262-2    | 8.710  | 7.648 | 26343216 | 74819240 | 69.483   | 54.179     |
| 38)                         | L8 AR-1262-3    | 9.065  | 7.935 | 18010435 | 5707247  | 68.308   | 9.979 #    |
| 39)                         | L8 AR-1262-4    | 9.117  | 7.996 | 5086298  | 69139661 | 25.758   | 68.226 #   |
| 40)                         | L8 AR-1262-5    | 9.845  | 8.516 | 2545568  | 8841039  | 16.258   | 15.793     |
| 41)                         | L9 AR-1268-1    | 9.065  | 7.935 | 18010435 | 5707247  | 37.452   | 3.373 #    |
| 42)                         | L9 AR-1268-2    | 9.117  | 7.996 | 5086298  | 69139661 | 11.500   | 44.195 #   |
| 44)                         | L9 AR-1268-4    | 9.845  | 8.516 | 2545568  | 8841039  | 14.540   | 14.731     |
| 45)                         | L9 AR-1268-5    | 10.295 | 8.835 | 3348822  | 2940746  | 2.368    | 0.667 #    |
| -----                       |                 |        |       |          |          |          |            |

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

**Instrument :**

ECD\_R

**ClientSampleId :**

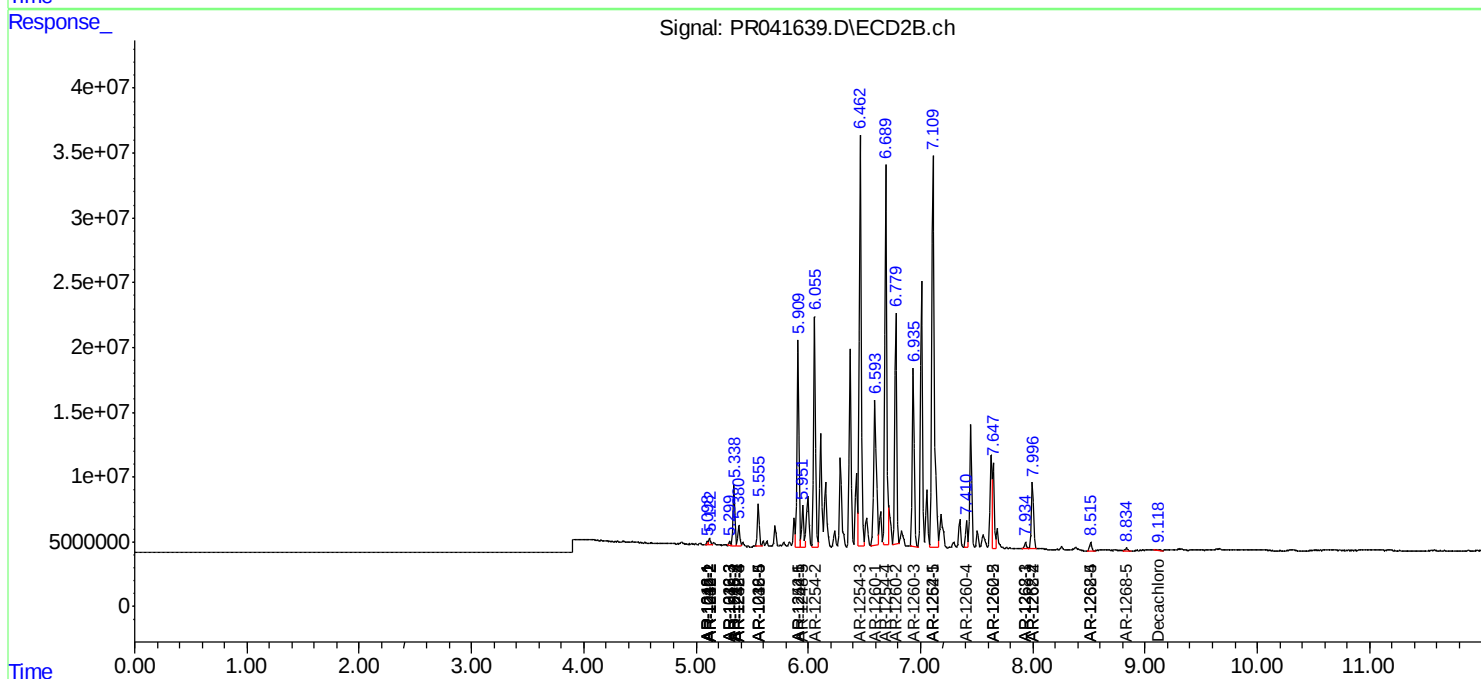
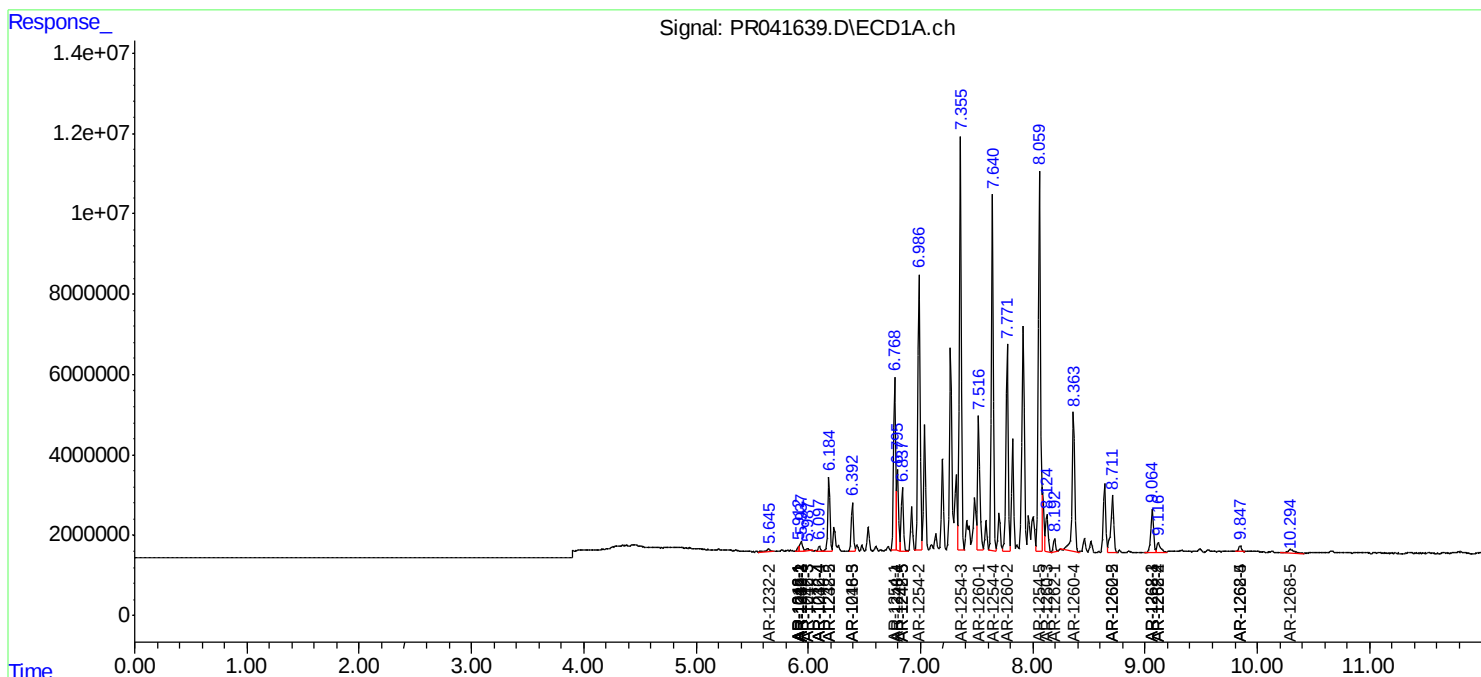
C0AX1DL2

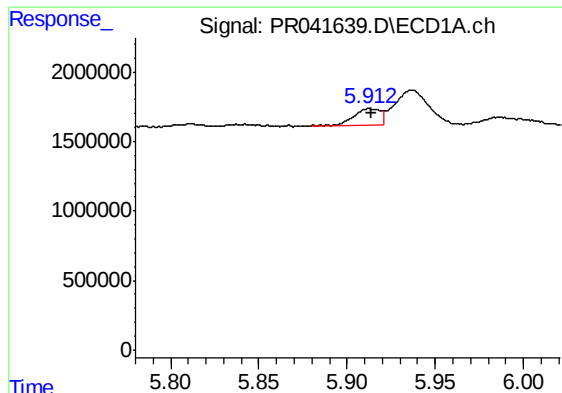
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR093019\  
Data File : PR041639.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Sep 2019 13:28  
Operator : SM\AJ  
Sample : K5027-09DL2 1000X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 13:52:23 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR092319CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Sep 24 04:36:18 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

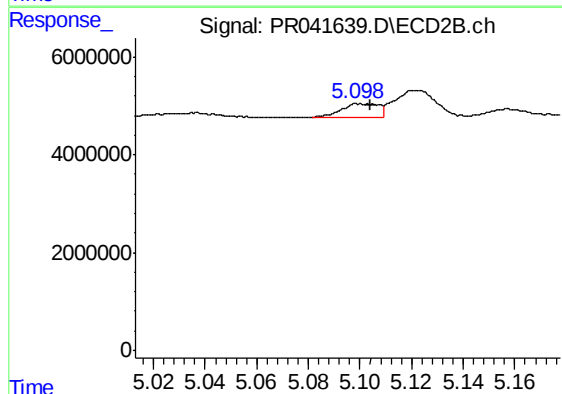




#3 AR-1016-1

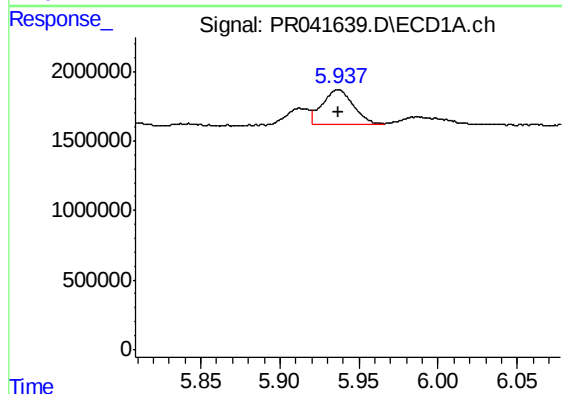
R.T.: 5.913 min  
Delta R.T.: -0.002 min  
Response: 1234393  
Conc: 19.30 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



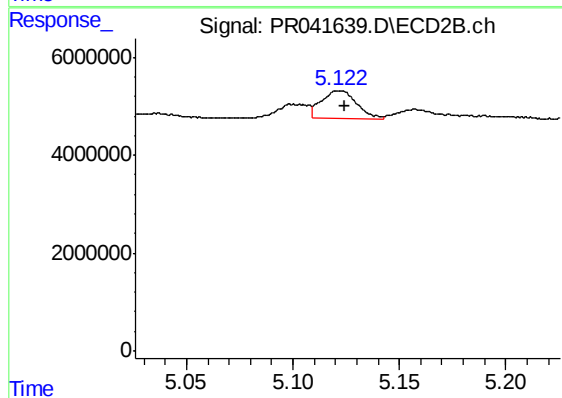
#3 AR-1016-1

R.T.: 5.100 min  
Delta R.T.: -0.004 min  
Response: 3012986  
Conc: 20.45 ng/ml



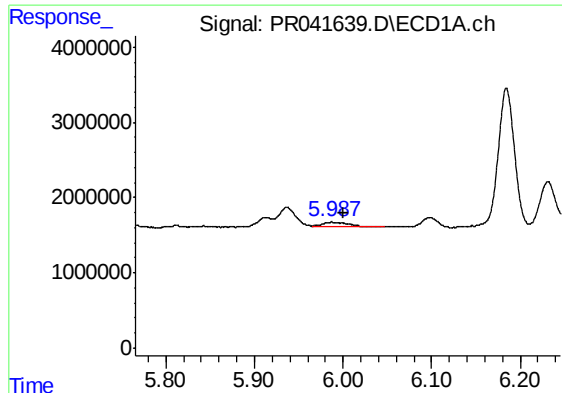
#4 AR-1016-2

R.T.: 5.937 min  
Delta R.T.: 0.000 min  
Response: 3473235  
Conc: 38.14 ng/ml



#4 AR-1016-2

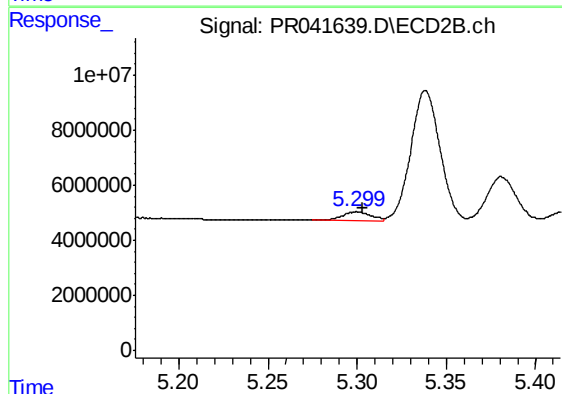
R.T.: 5.122 min  
Delta R.T.: -0.002 min  
Response: 6580892  
Conc: 31.96 ng/ml



#5 AR-1016-3

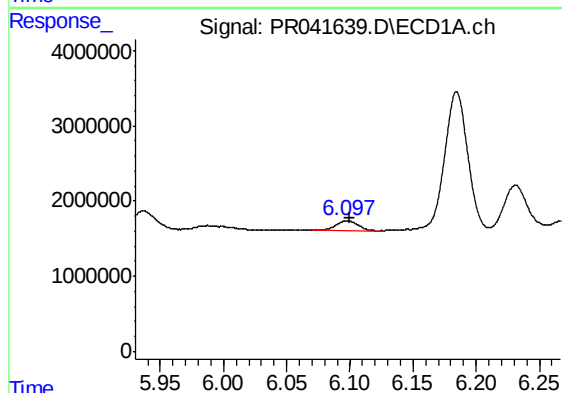
R.T.: 5.987 min  
Delta R.T.: -0.013 min  
Response: 1097500  
Conc: 20.00 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



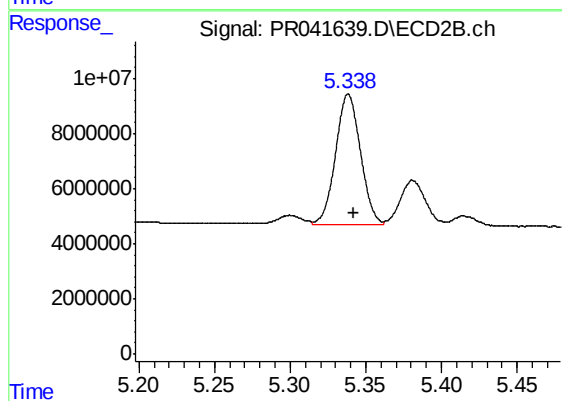
#5 AR-1016-3

R.T.: 5.300 min  
Delta R.T.: -0.002 min  
Response: 3455677  
Conc: 29.20 ng/ml



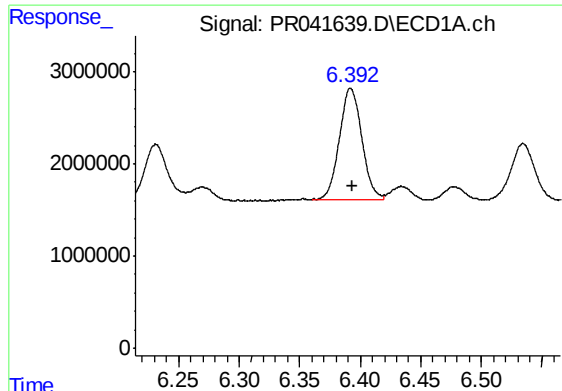
#6 AR-1016-4

R.T.: 6.098 min  
Delta R.T.: -0.002 min  
Response: 1594619  
Conc: 33.25 ng/ml



#6 AR-1016-4

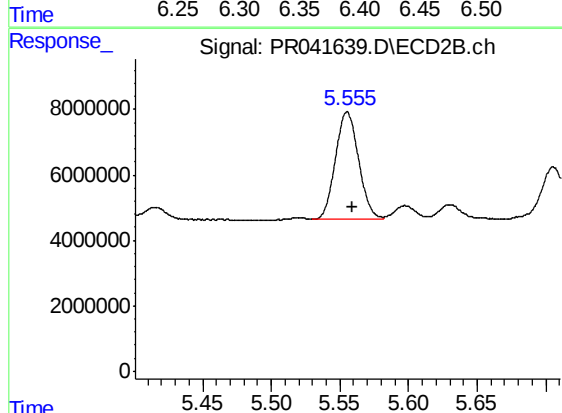
R.T.: 5.338 min  
Delta R.T.: -0.004 min  
Response: 54431378  
Conc: 558.75 ng/ml



#7 AR-1016-5

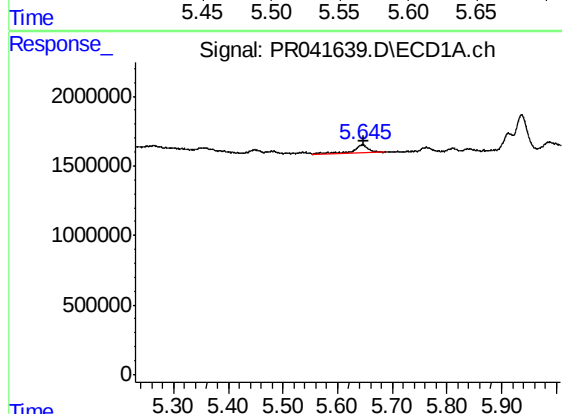
R.T.: 6.392 min  
Delta R.T.: -0.002 min  
Response: 15552114  
Conc: 314.36 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



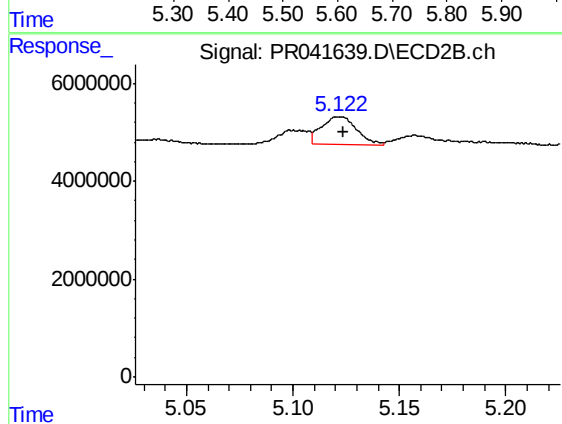
#7 AR-1016-5

R.T.: 5.555 min  
Delta R.T.: -0.004 min  
Response: 38735655  
Conc: 278.63 ng/ml



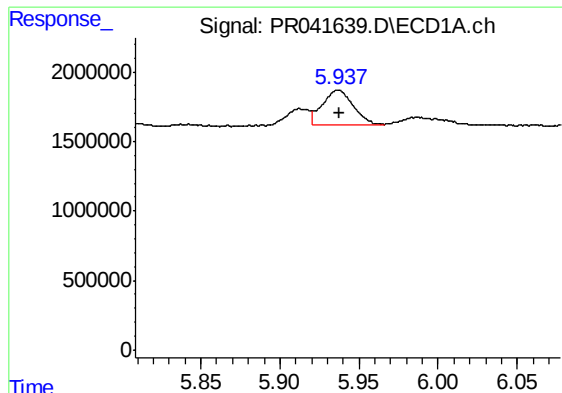
#12 AR-1232-2

R.T.: 5.645 min  
Delta R.T.: -0.002 min  
Response: 1167459  
Conc: 71.36 ng/ml



#12 AR-1232-2

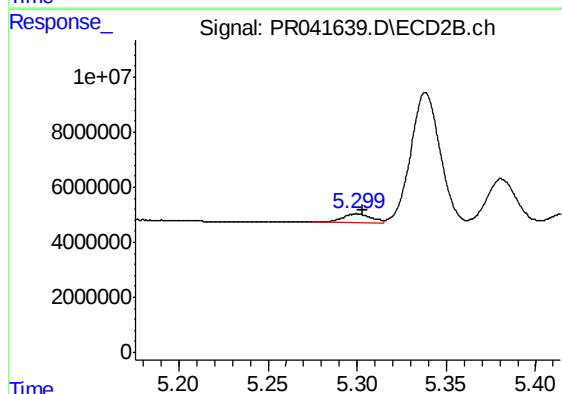
R.T.: 5.122 min  
Delta R.T.: -0.002 min  
Response: 6580892  
Conc: 67.67 ng/ml



#13 AR-1232-3

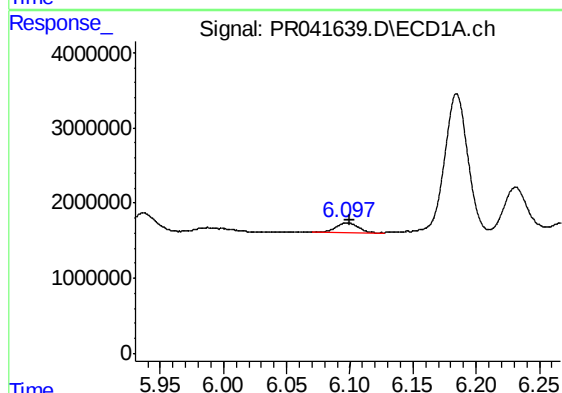
R.T.: 5.937 min  
Delta R.T.: 0.000 min  
Response: 3473235  
Conc: 91.61 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



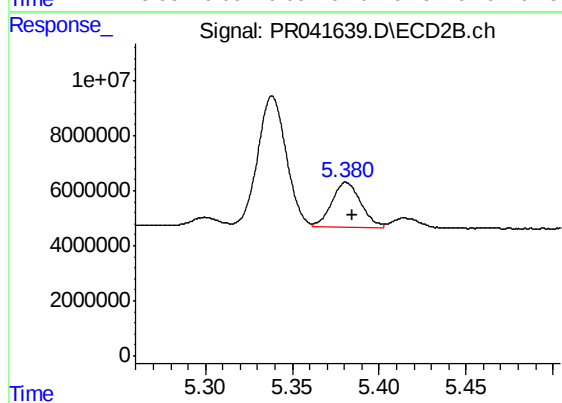
#13 AR-1232-3

R.T.: 5.300 min  
Delta R.T.: -0.003 min  
Response: 3455677  
Conc: 76.96 ng/ml



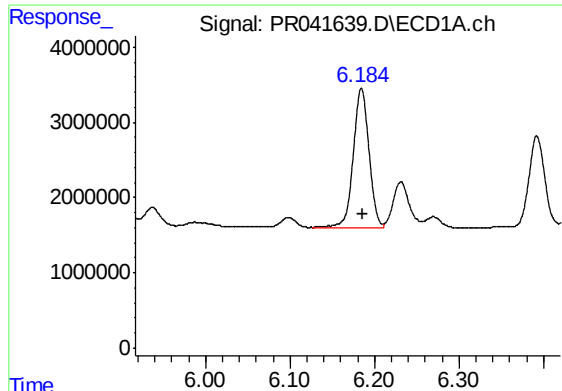
#14 AR-1232-4

R.T.: 6.098 min  
Delta R.T.: -0.002 min  
Response: 1594619  
Conc: 86.42 ng/ml



#14 AR-1232-4

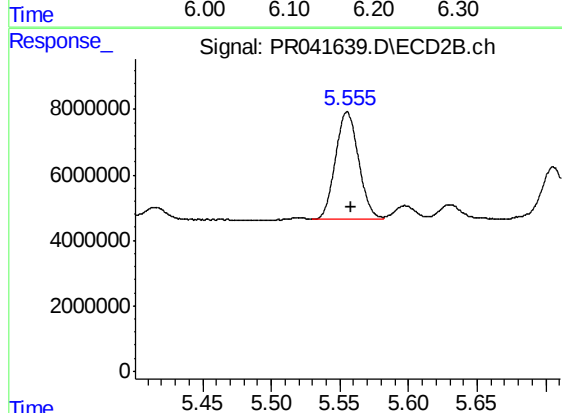
R.T.: 5.381 min  
Delta R.T.: -0.004 min  
Response: 19223704  
Conc: 458.95 ng/ml



#15 AR-1232-5

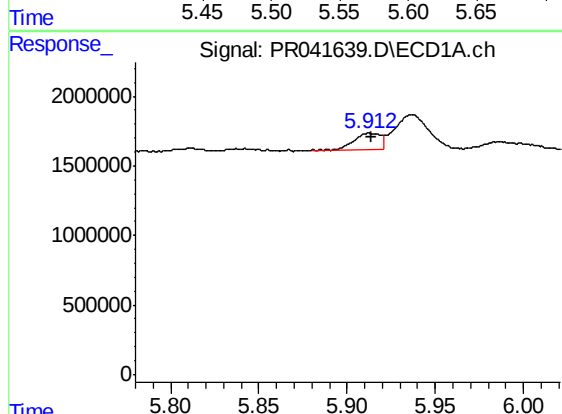
R.T.: 6.184 min  
Delta R.T.: -0.001 min  
Response: 24023787  
Conc: 1738.63 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



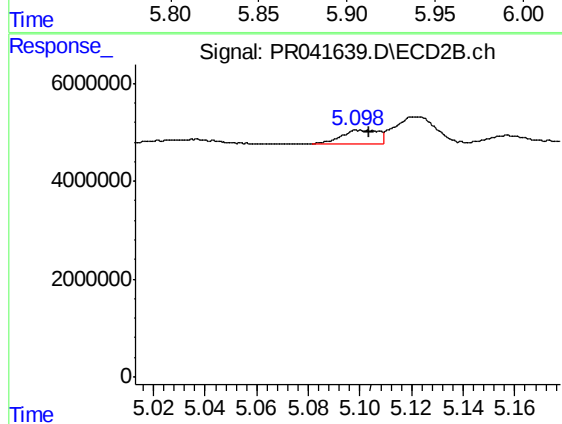
#15 AR-1232-5

R.T.: 5.555 min  
Delta R.T.: -0.003 min  
Response: 38735655  
Conc: 724.11 ng/ml



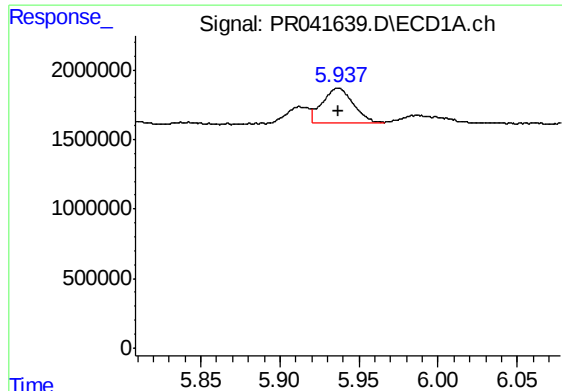
#16 AR-1242-1

R.T.: 5.913 min  
Delta R.T.: -0.002 min  
Response: 1234393  
Conc: 24.00 ng/ml



#16 AR-1242-1

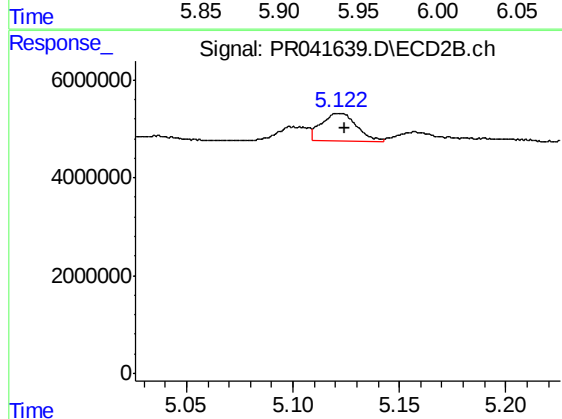
R.T.: 5.100 min  
Delta R.T.: -0.003 min  
Response: 3012986  
Conc: 26.87 ng/ml



#17 AR-1242-2

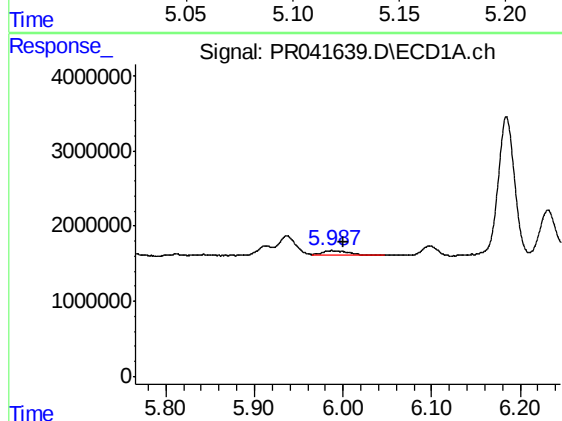
R.T.: 5.937 min  
Delta R.T.: 0.000 min  
Response: 3473235  
Conc: 47.65 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



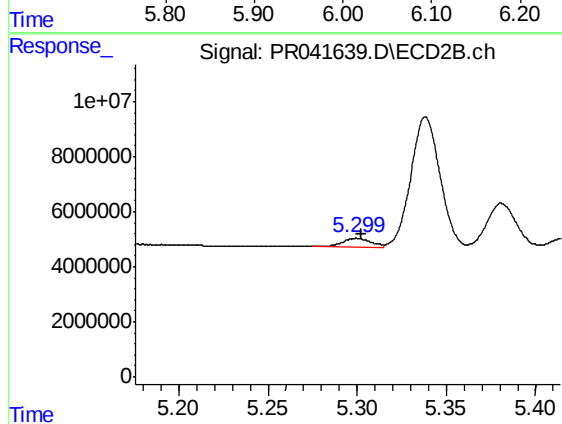
#17 AR-1242-2

R.T.: 5.122 min  
Delta R.T.: -0.002 min  
Response: 6580892  
Conc: 41.16 ng/ml



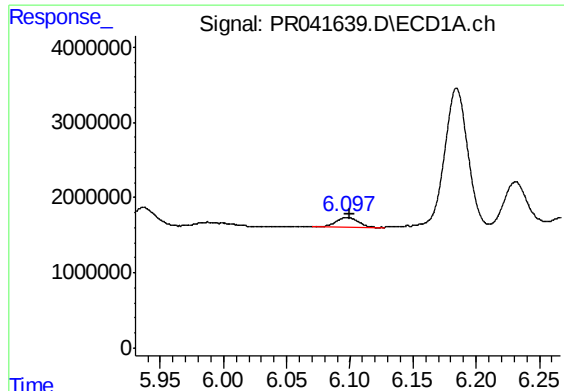
#18 AR-1242-3

R.T.: 5.987 min  
Delta R.T.: -0.013 min  
Response: 1097500  
Conc: 24.82 ng/ml



#18 AR-1242-3

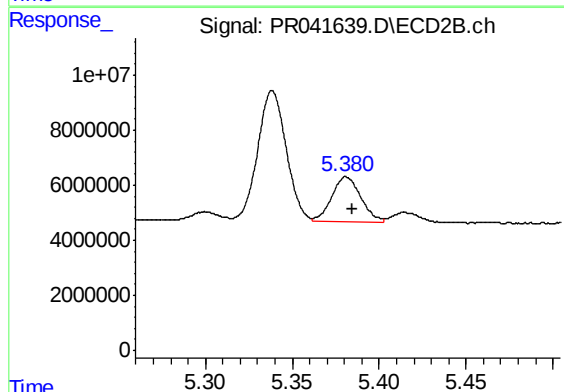
R.T.: 5.300 min  
Delta R.T.: -0.002 min  
Response: 3455677  
Conc: 38.10 ng/ml



#19 AR-1242-4

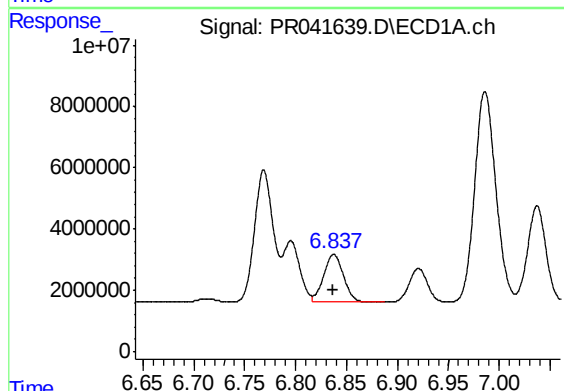
R.T.: 6.098 min  
Delta R.T.: -0.002 min  
Response: 1594619  
Conc: 43.47 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



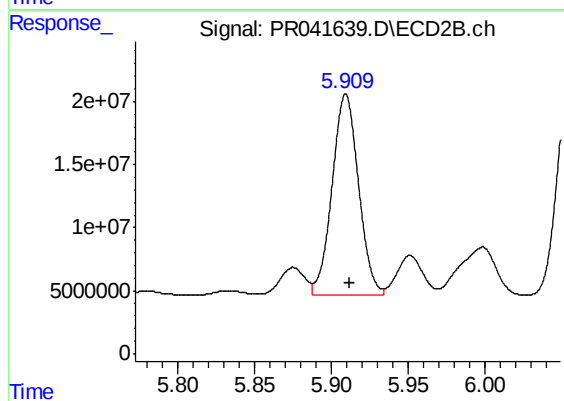
#19 AR-1242-4

R.T.: 5.381 min  
Delta R.T.: -0.004 min  
Response: 19223704  
Conc: 204.28 ng/ml



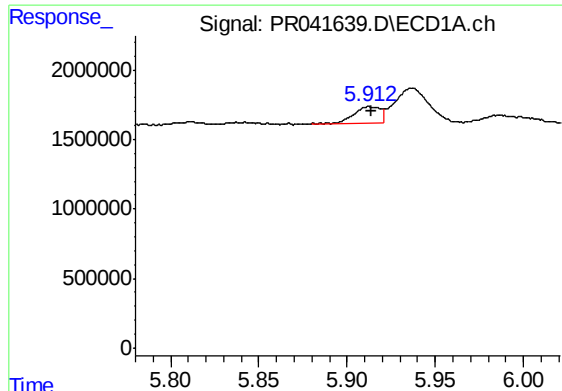
#20 AR-1242-5

R.T.: 6.837 min  
Delta R.T.: 0.000 min  
Response: 21142108  
Conc: 412.46 ng/ml



#20 AR-1242-5

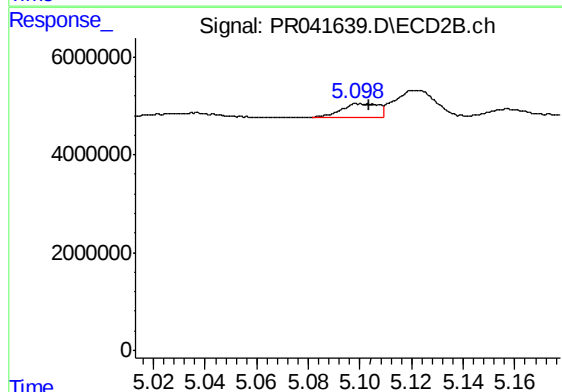
R.T.: 5.909 min  
Delta R.T.: -0.003 min  
Response: 191744754  
Conc: 1130.32 ng/ml



#21 AR-1248-1

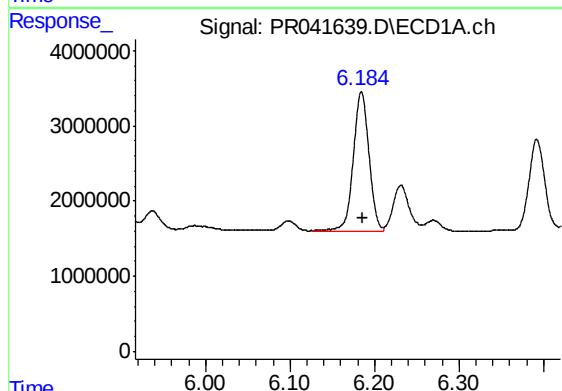
R.T.: 5.913 min  
Delta R.T.: -0.001 min  
Response: 1234393  
Conc: 33.63 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



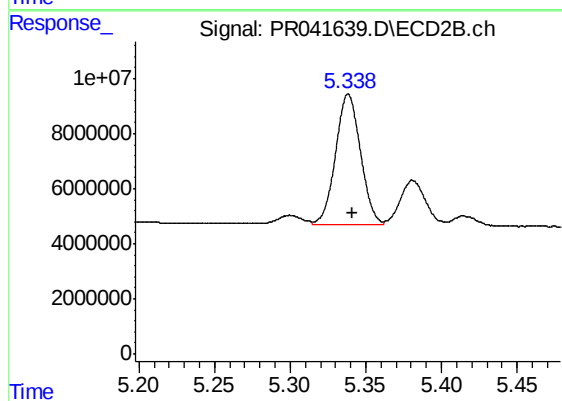
#21 AR-1248-1

R.T.: 5.100 min  
Delta R.T.: -0.003 min  
Response: 3012986  
Conc: 35.75 ng/ml



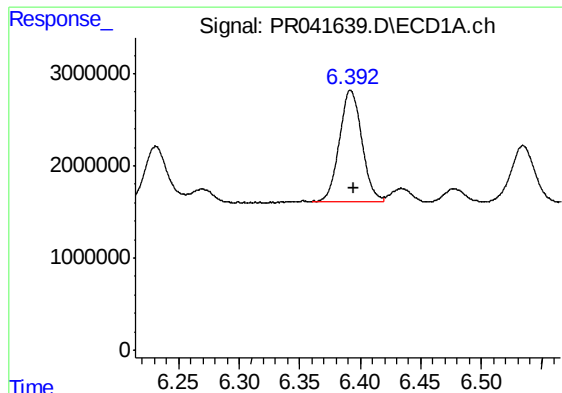
#22 AR-1248-2

R.T.: 6.184 min  
Delta R.T.: -0.002 min  
Response: 24023787  
Conc: 436.14 ng/ml



#22 AR-1248-2

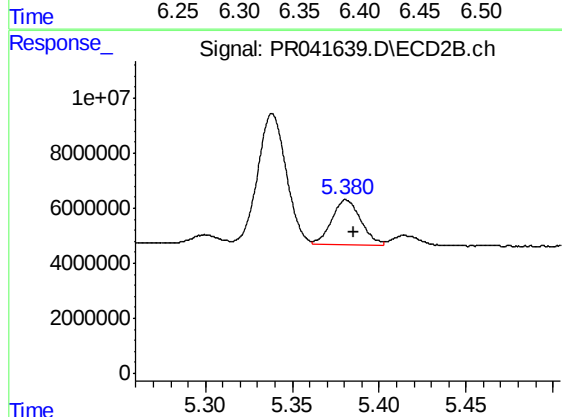
R.T.: 5.338 min  
Delta R.T.: -0.003 min  
Response: 54431378  
Conc: 447.52 ng/ml



#23 AR-1248-3

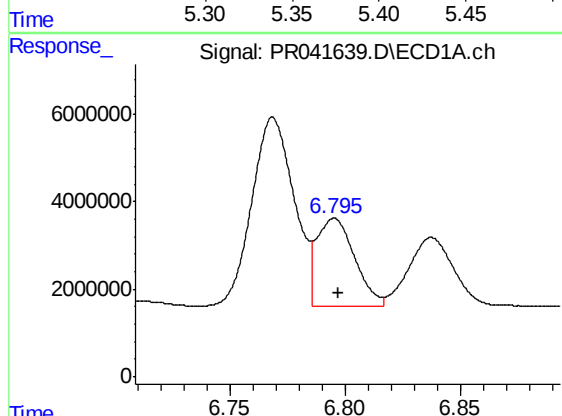
R.T.: 6.392 min  
Delta R.T.: -0.002 min  
Response: 15552114  
Conc: 242.21 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



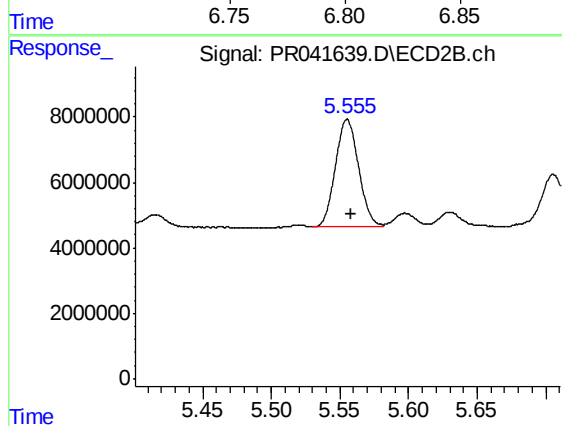
#23 AR-1248-3

R.T.: 5.381 min  
Delta R.T.: -0.004 min  
Response: 19223704  
Conc: 151.63 ng/ml



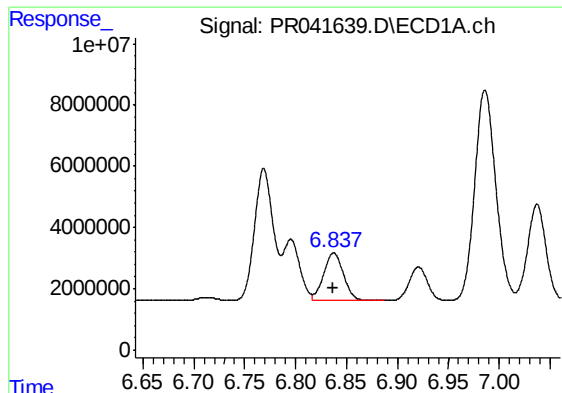
#24 AR-1248-4

R.T.: 6.795 min  
Delta R.T.: -0.002 min  
Response: 22743872  
Conc: 266.50 ng/ml



#24 AR-1248-4

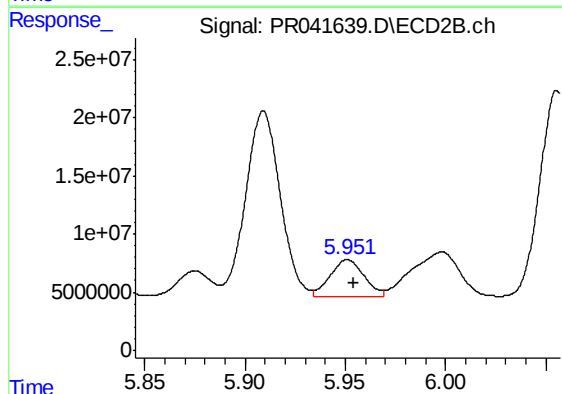
R.T.: 5.555 min  
Delta R.T.: -0.003 min  
Response: 38735655  
Conc: 230.78 ng/ml



#25 AR-1248-5

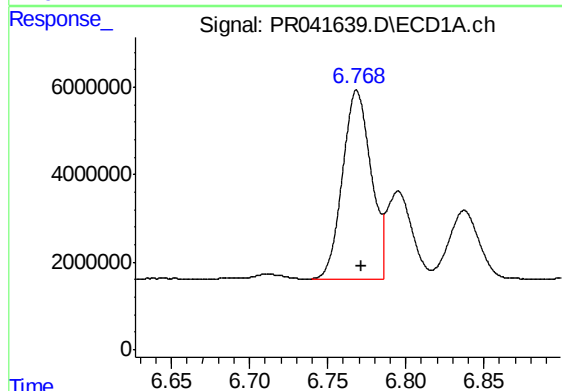
R.T.: 6.837 min  
Delta R.T.: 0.000 min  
Response: 21142108  
Conc: 259.46 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



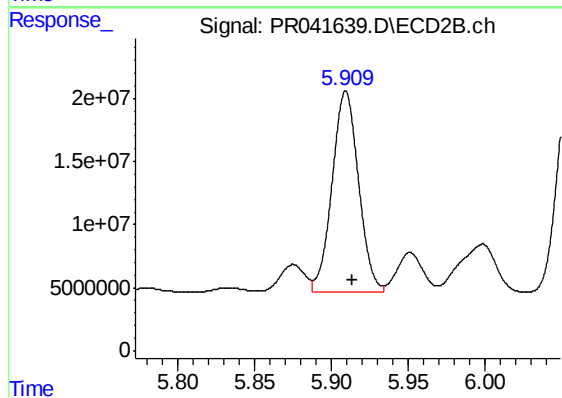
#25 AR-1248-5

R.T.: 5.951 min  
Delta R.T.: -0.003 min  
Response: 37453524  
Conc: 172.02 ng/ml



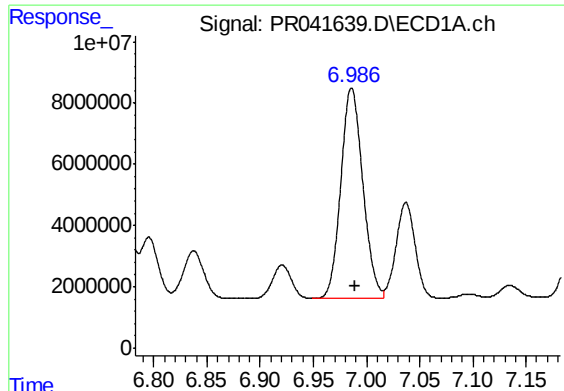
#26 AR-1254-1

R.T.: 6.769 min  
Delta R.T.: -0.003 min  
Response: 54733550  
Conc: 657.72 ng/ml



#26 AR-1254-1

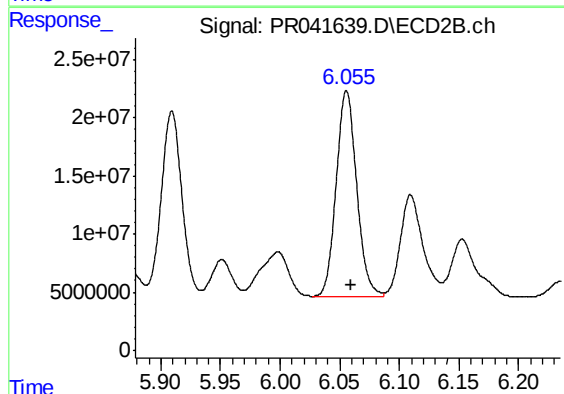
R.T.: 5.909 min  
Delta R.T.: -0.004 min  
Response: 191744754  
Conc: 591.26 ng/ml



#27 AR-1254-2

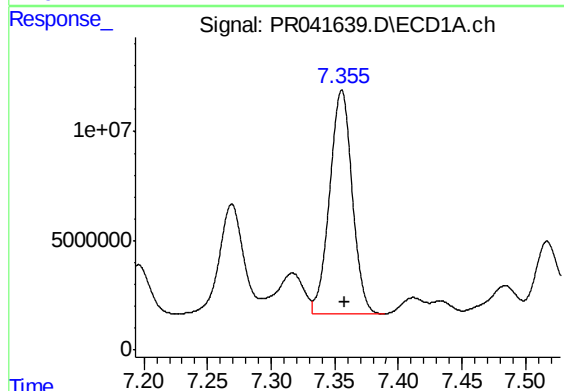
R.T.: 6.986 min  
Delta R.T.: -0.003 min  
Response: 98988471  
Conc: 704.47 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



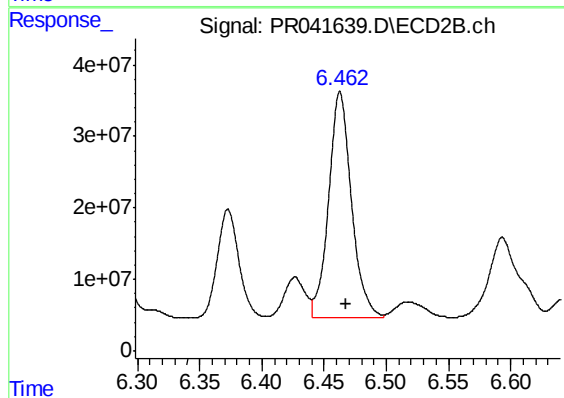
#27 AR-1254-2

R.T.: 6.056 min  
Delta R.T.: -0.004 min  
Response: 212331743  
Conc: 695.02 ng/ml



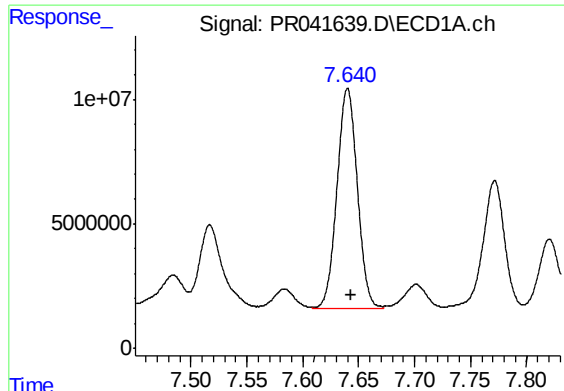
#28 AR-1254-3

R.T.: 7.355 min  
Delta R.T.: -0.002 min  
Response: 127150028  
Conc: 750.43 ng/ml



#28 AR-1254-3

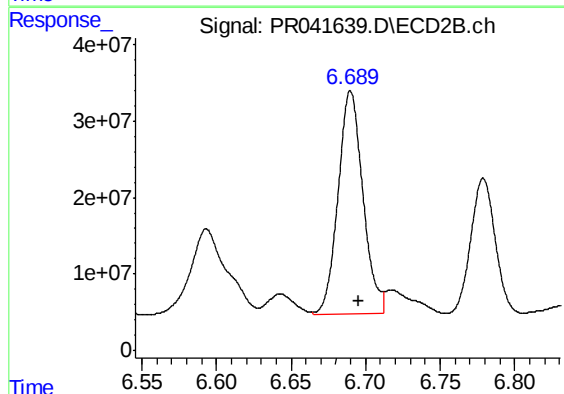
R.T.: 6.463 min  
Delta R.T.: -0.005 min  
Response: 403050010  
Conc: 720.30 ng/ml



#29 AR-1254-4

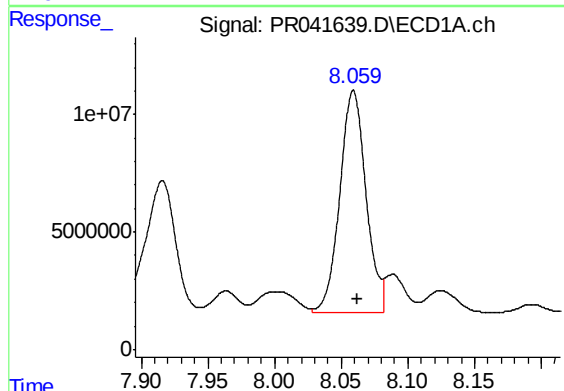
R.T.: 7.640 min  
Delta R.T.: -0.003 min  
Response: 111385753  
Conc: 820.56 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



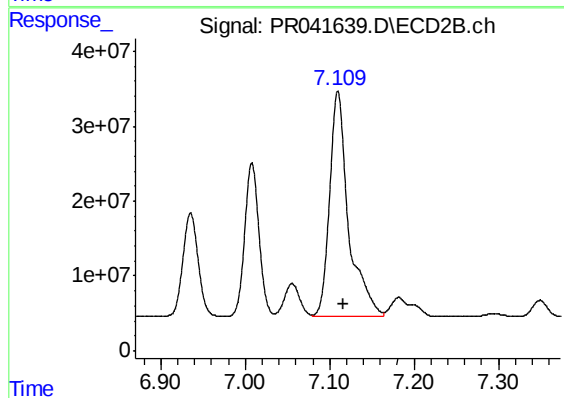
#29 AR-1254-4

R.T.: 6.690 min  
Delta R.T.: -0.005 min  
Response: 338965824  
Conc: 794.28 ng/ml



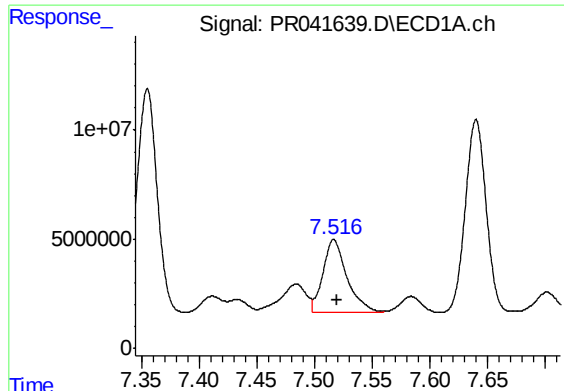
#30 AR-1254-5

R.T.: 8.059 min  
Delta R.T.: -0.003 min  
Response: 128815367  
Conc: 837.72 ng/ml



#30 AR-1254-5

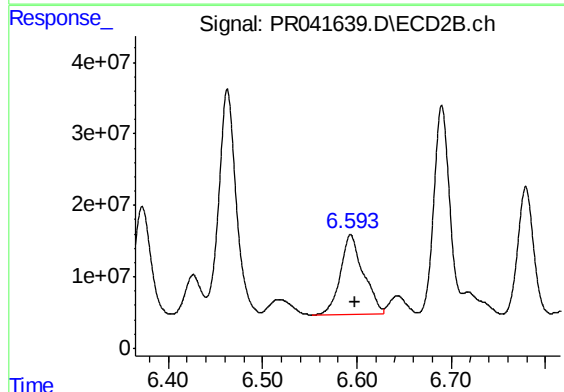
R.T.: 7.110 min  
Delta R.T.: -0.006 min  
Response: 468939886  
Conc: 810.58 ng/ml



#31 AR-1260-1

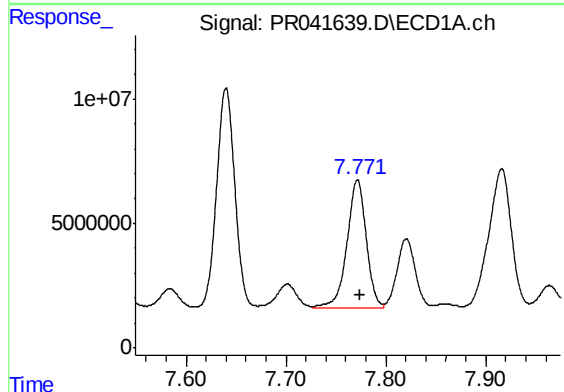
R.T.: 7.517 min  
Delta R.T.: -0.003 min  
Response: 48456586  
Conc: 409.20 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



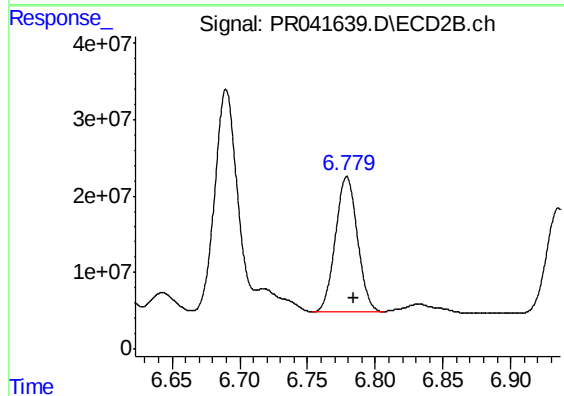
#31 AR-1260-1

R.T.: 6.593 min  
Delta R.T.: -0.004 min  
Response: 189760745  
Conc: 487.21 ng/ml



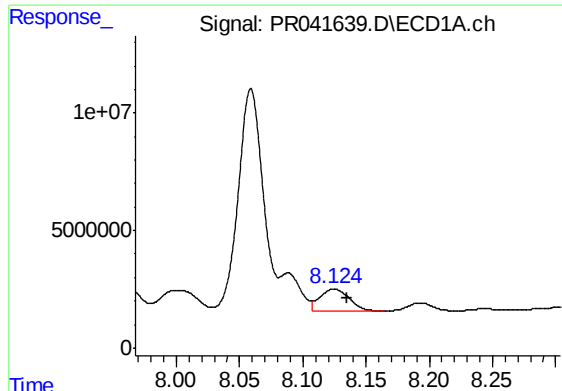
#32 AR-1260-2

R.T.: 7.772 min  
Delta R.T.: -0.003 min  
Response: 68608277  
Conc: 464.92 ng/ml



#32 AR-1260-2

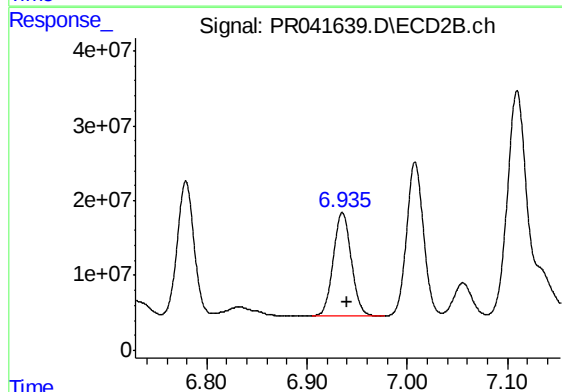
R.T.: 6.779 min  
Delta R.T.: -0.005 min  
Response: 200314209  
Conc: 371.58 ng/ml



#33 AR-1260-3

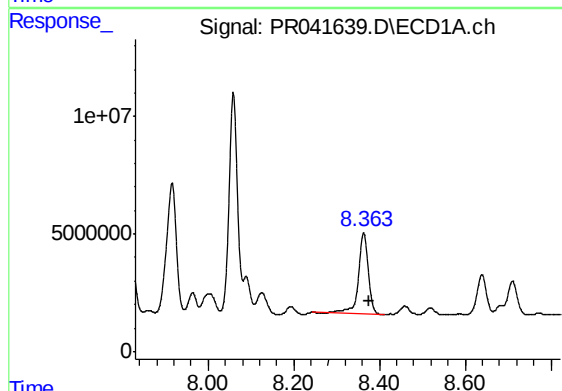
R.T.: 8.124 min  
Delta R.T.: -0.011 min  
Response: 14753631  
Conc: 127.22 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



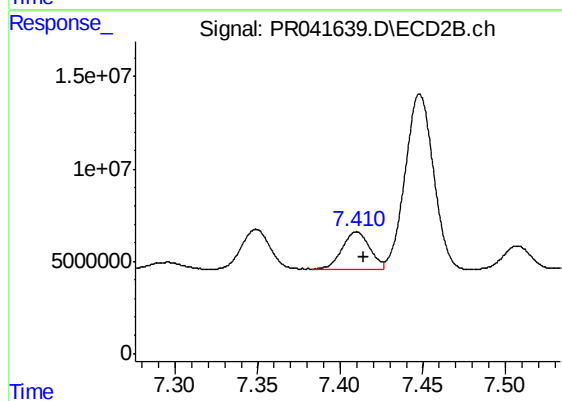
#33 AR-1260-3

R.T.: 6.935 min  
Delta R.T.: -0.005 min  
Response: 171118155  
Conc: 366.33 ng/ml



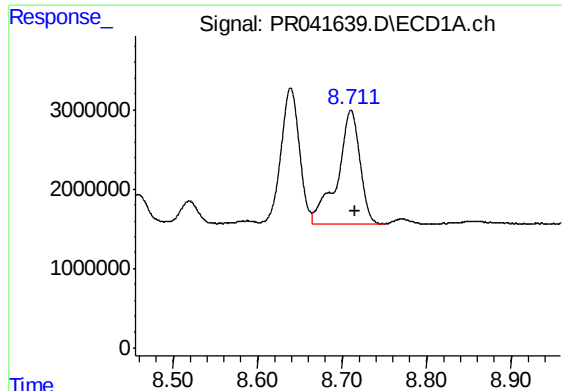
#34 AR-1260-4

R.T.: 8.363 min  
Delta R.T.: -0.012 min  
Response: 55894639  
Conc: 391.49 ng/ml



#34 AR-1260-4

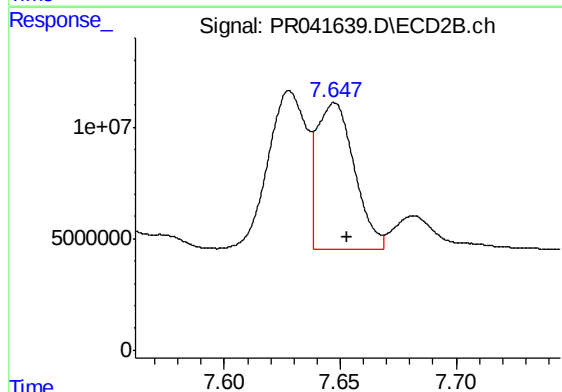
R.T.: 7.410 min  
Delta R.T.: -0.004 min  
Response: 24064459  
Conc: 56.78 ng/ml



#35 AR-1260-5

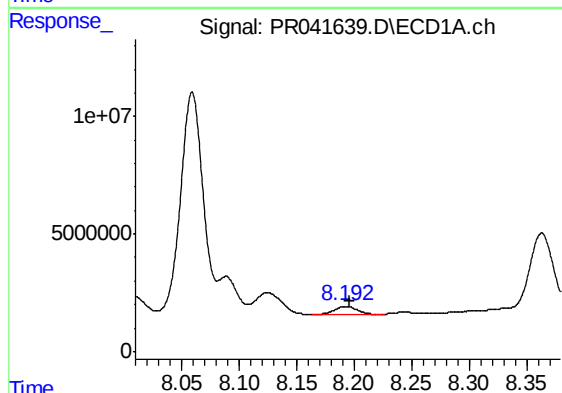
R.T.: 8.710 min  
Delta R.T.: -0.004 min  
Response: 26343216  
Conc: 85.51 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



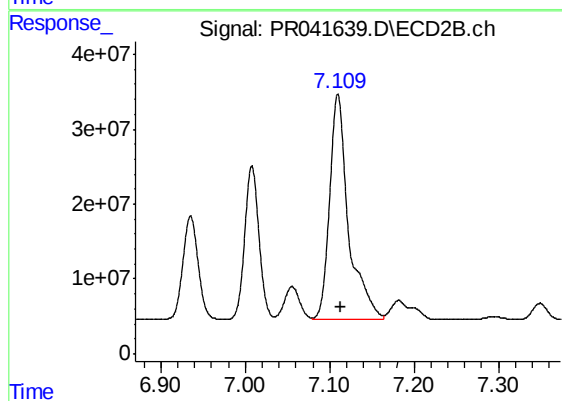
#35 AR-1260-5

R.T.: 7.648 min  
Delta R.T.: -0.006 min  
Response: 74819240  
Conc: 61.42 ng/ml



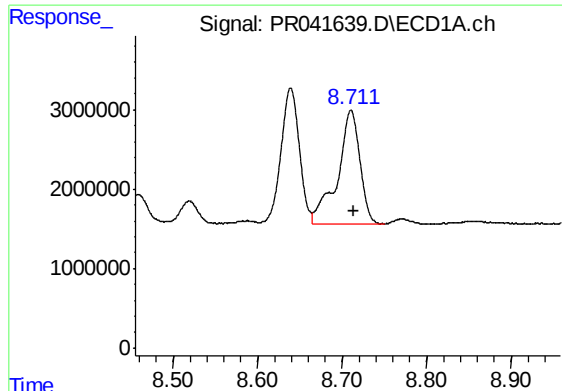
#36 AR-1262-1

R.T.: 8.193 min  
Delta R.T.: -0.003 min  
Response: 4403282  
Conc: 57.17 ng/ml



#36 AR-1262-1

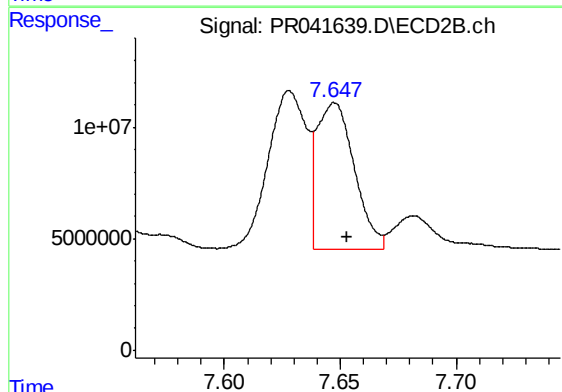
R.T.: 7.110 min  
Delta R.T.: -0.004 min  
Response: 468939886  
Conc: 1401.05 ng/ml



#37 AR-1262-2

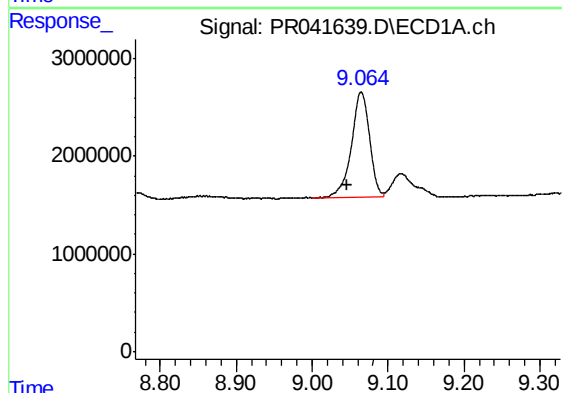
R.T.: 8.710 min  
Delta R.T.: -0.003 min  
Response: 26343216  
Conc: 69.48 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



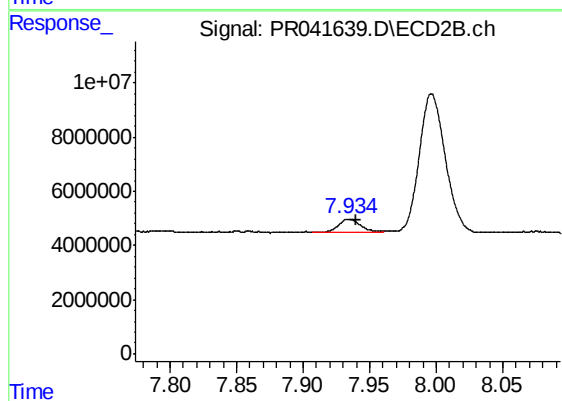
#37 AR-1262-2

R.T.: 7.648 min  
Delta R.T.: -0.006 min  
Response: 74819240  
Conc: 54.18 ng/ml



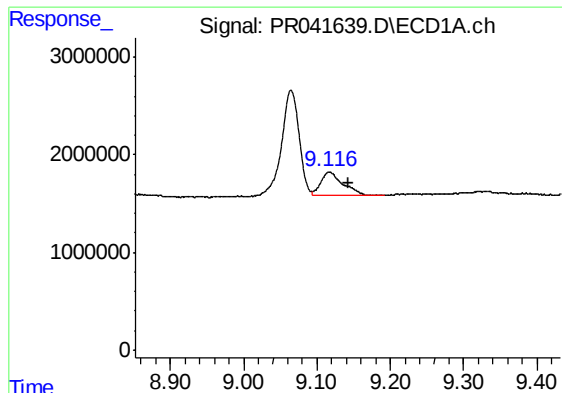
#38 AR-1262-3

R.T.: 9.065 min  
Delta R.T.: 0.018 min  
Response: 18010435  
Conc: 68.31 ng/ml



#38 AR-1262-3

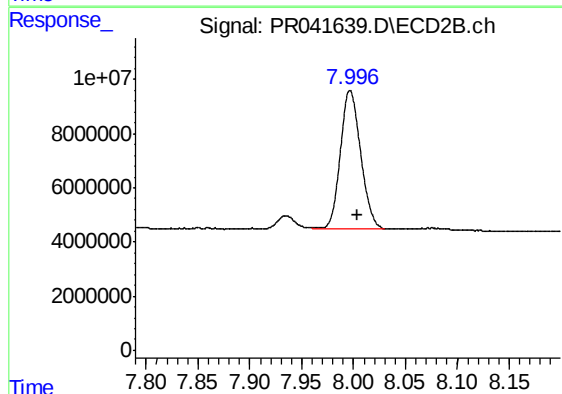
R.T.: 7.935 min  
Delta R.T.: -0.006 min  
Response: 5707247  
Conc: 9.98 ng/ml



#39 AR-1262-4

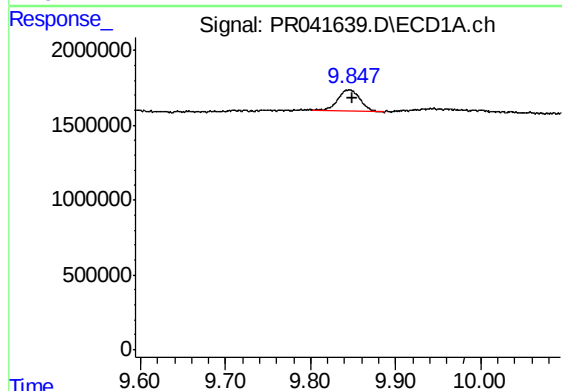
R.T.: 9.117 min  
Delta R.T.: -0.027 min  
Response: 5086298  
Conc: 25.76 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



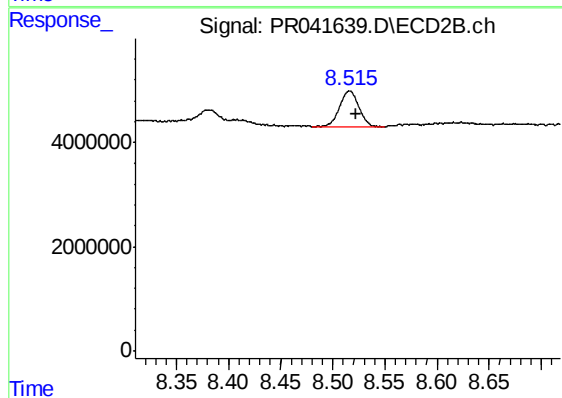
#39 AR-1262-4

R.T.: 7.996 min  
Delta R.T.: -0.008 min  
Response: 69139661  
Conc: 68.23 ng/ml



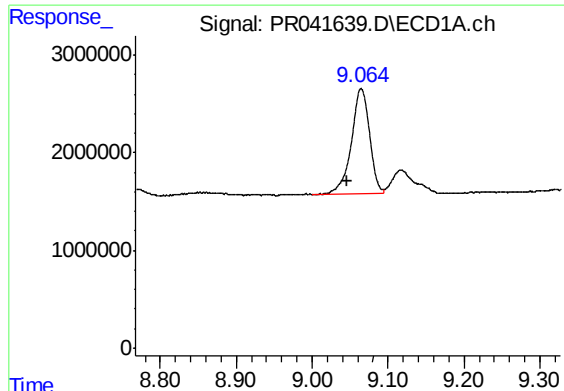
#40 AR-1262-5

R.T.: 9.845 min  
Delta R.T.: -0.005 min  
Response: 2545568  
Conc: 16.26 ng/ml



#40 AR-1262-5

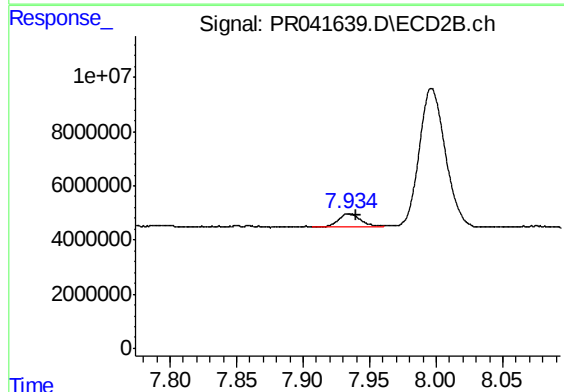
R.T.: 8.516 min  
Delta R.T.: -0.006 min  
Response: 8841039  
Conc: 15.79 ng/ml



#41 AR-1268-1

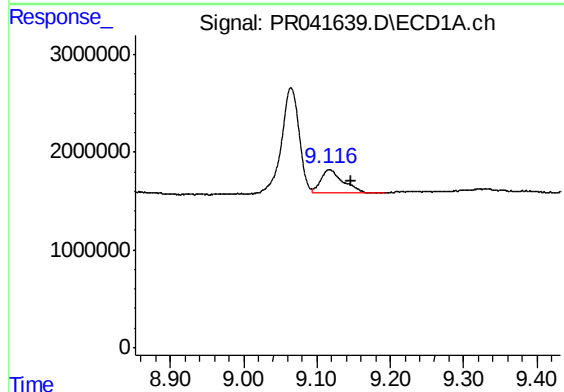
R.T.: 9.065 min  
Delta R.T.: 0.019 min  
Response: 18010435  
Conc: 37.45 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



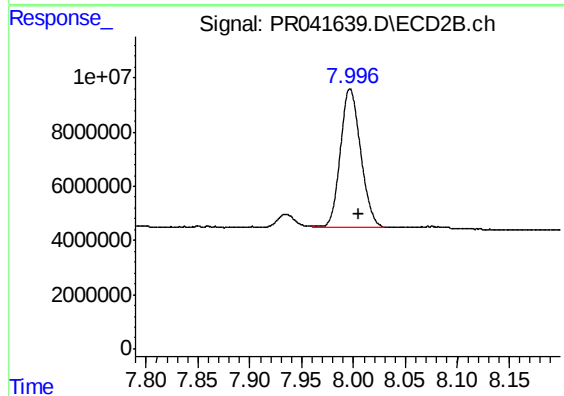
#41 AR-1268-1

R.T.: 7.935 min  
Delta R.T.: -0.006 min  
Response: 5707247  
Conc: 3.37 ng/ml



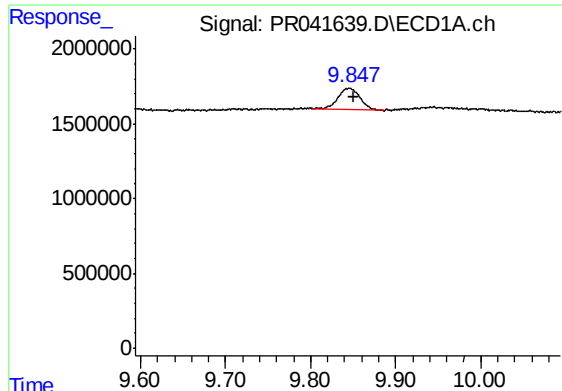
#42 AR-1268-2

R.T.: 9.117 min  
Delta R.T.: -0.030 min  
Response: 5086298  
Conc: 11.50 ng/ml



#42 AR-1268-2

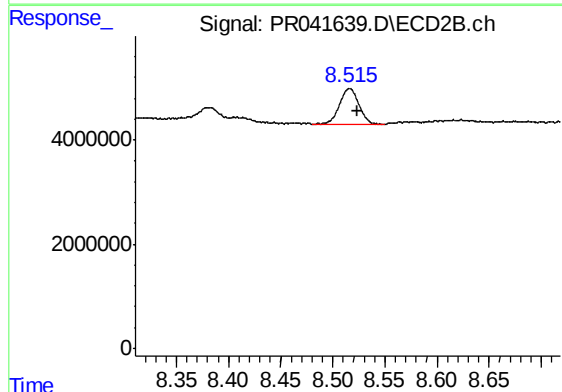
R.T.: 7.996 min  
Delta R.T.: -0.009 min  
Response: 69139661  
Conc: 44.20 ng/ml



#44 AR-1268-4

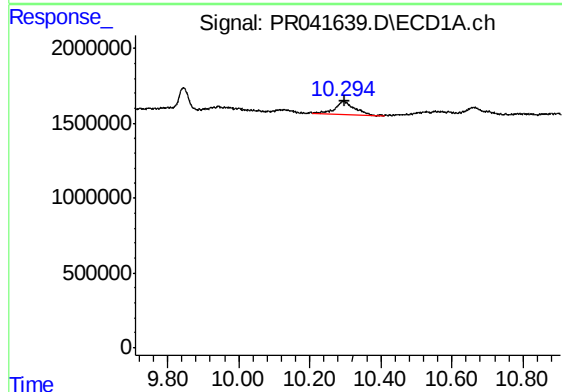
R.T.: 9.845 min  
Delta R.T.: -0.006 min  
Response: 2545568  
Conc: 14.54 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0AX1DL2



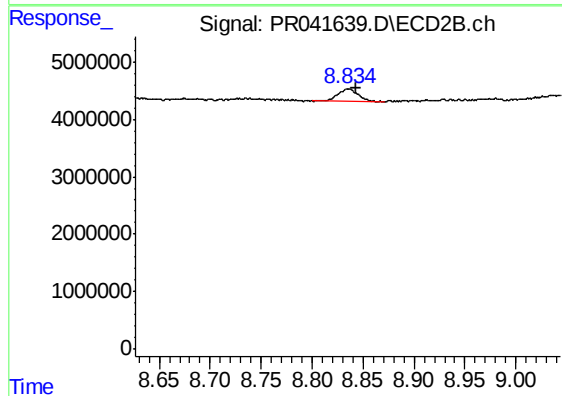
#44 AR-1268-4

R.T.: 8.516 min  
Delta R.T.: -0.007 min  
Response: 8841039  
Conc: 14.73 ng/ml



#45 AR-1268-5

R.T.: 10.295 min  
Delta R.T.: -0.003 min  
Response: 3348822  
Conc: 2.37 ng/ml



#45 AR-1268-5

R.T.: 8.835 min  
Delta R.T.: -0.009 min  
Response: 2940746  
Conc: 0.67 ng/ml