

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR071719\  
 Data File : PR039382.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jul 2019 21:48  
 Operator : SM\AJ  
 Sample : K3771-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 S12-07-SRE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 18 04:53:03 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR071519.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jul 16 02:56:01 2019  
 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... | 3.758 | 4.604  | 42652132 | 145.8E6  | 27.537  | 22.551    |
| 2)                          | SA Decachlor... | 8.697 | 10.339 | 88523124 | 311.3E6  | 36.201  | 36.378    |
|                             |                 |       |        |          |          |         |           |
| Target Compounds            |                 |       |        |          |          |         |           |
| 5)                          | L1 AR-1016-3    | 5.057 | 5.919  | 3487490  | 5614113  | 70.203  | 25.504 #  |
| 6)                          | L1 AR-1016-4    | 5.057 | 5.919  | 3487490  | 5614113  | 87.221  | 30.011 #  |
| 7)                          | L1 AR-1016-5    | 5.229 | 6.232  | 1762382  | 7946867  | 32.399  | 43.297 #  |
| 10)                         | L2 AR-1221-3    | 4.173 | 0.000  | 9019436  | 0        | 227.685 | N.D. #    |
| 11)                         | L3 AR-1232-1    | 4.173 | 0.000  | 9019436  | 0        | 303.704 | N.D. #    |
| 13)                         | L3 AR-1232-3    | 5.057 | 0.000  | 3487490  | 0        | 191.013 | N.D. #    |
| 14)                         | L3 AR-1232-4    | 5.057 | 5.919  | 3487490  | 5614113  | 218.883 | 83.829 #  |
| 15)                         | L3 AR-1232-5    | 5.229 | 6.029  | 1762382  | 7152449  | 97.773  | 156.940 # |
| 18)                         | L4 AR-1242-3    | 5.057 | 5.919  | 3487490  | 5614113  | 80.123  | 29.454 #  |
| 19)                         | L4 AR-1242-4    | 5.057 | 5.919  | 3487490  | 5614113  | 80.988  | 34.982 #  |
| 20)                         | L4 AR-1242-5    | 5.613 | 6.672  | 24948003 | 14769994 | 399.250 | 78.332 #  |
| 22)                         | L5 AR-1248-2    | 5.057 | 6.029  | 3487490  | 7152449  | 55.597  | 30.454 #  |
| 23)                         | L5 AR-1248-3    | 5.057 | 6.232  | 3487490  | 7946867  | 53.420  | 28.754 #  |
| 24)                         | L5 AR-1248-4    | 5.229 | 6.634  | 1762382  | 45941427 | 21.499  | 136.902 # |
| 25)                         | L5 AR-1248-5    | 5.644 | 6.672  | 8857964  | 14769994 | 101.382 | 46.010 #  |
| 26)                         | L6 AR-1254-1    | 5.613 | 6.601  | 24948003 | 60191556 | 188.634 | 187.981   |
| 27)                         | L6 AR-1254-2    | 5.757 | 6.816  | 45996610 | 130.2E6  | 392.667 | 254.413 # |
| 28)                         | L6 AR-1254-3    | 6.155 | 7.182  | 96638629 | 221.6E6  | 467.683 | 369.298   |
| 29)                         | L6 AR-1254-4    | 6.379 | 7.464  | 86711576 | 238.3E6  | 566.393 | 550.750   |
| 30)                         | L6 AR-1254-5    | 6.790 | 7.878  | 185.8E6  | 388.4E6  | 997.281 | 826.472   |
| 31)                         | L7 AR-1260-1    | 6.282 | 7.342  | 51184538 | 110.4E6  | 446.626 | 304.004 # |
| 32)                         | L7 AR-1260-2    | 6.467 | 7.595  | 66145124 | 217.7E6  | 438.595 | 497.633   |
| 33)                         | L7 AR-1260-3    | 6.618 | 7.947  | 54117200 | 61011500 | 402.109 | 179.774 # |
| 34)                         | L7 AR-1260-4    | 7.080 | 8.196  | 38090191 | 88425625 | 318.239 | 217.596 # |
| 35)                         | L7 AR-1260-5    | 7.320 | 8.504  | 21208059 | 89275048 | 70.568  | 104.397 # |
| 36)                         | L8 AR-1262-1    | 6.877 | 7.947  | 18471374 | 61011500 | 194.856 | 87.856 #  |
| 37)                         | L8 AR-1262-2    | 7.320 | 8.504  | 21208059 | 89275048 | 43.593  | 65.129 #  |
| 38)                         | L8 AR-1262-3    | 7.601 | 8.818  | 143.9E6  | 486.4E6  | 792.077 | 539.919 # |
| 39)                         | L8 AR-1262-4    | 7.665 | 8.915  | 93613531 | 293.4E6  | 263.120 | 436.963 # |
| 40)                         | L8 AR-1262-5    | 8.155 | 9.580  | 16619624 | 54949491 | 101.911 | 112.252   |
| 41)                         | L9 AR-1268-1    | 7.601 | 8.818  | 143.9E6  | 486.4E6  | 266.439 | 308.654   |
| 42)                         | L9 AR-1268-2    | 7.665 | 8.915  | 93613531 | 293.4E6  | 188.995 | 199.996   |
| 43)                         | L9 AR-1268-3    | 7.868 | 9.145  | 155.8E6  | 501.8E6  | 388.514 | 416.990   |
| 44)                         | L9 AR-1268-4    | 8.155 | 9.580  | 16619624 | 54949491 | 93.030  | 103.715   |
| 45)                         | L9 AR-1268-5    | 8.444 | 9.999  | 409.8E6  | 1431.3E6 | 301.822 | 333.693   |
| -----                       |                 |       |        |          |          |         |           |

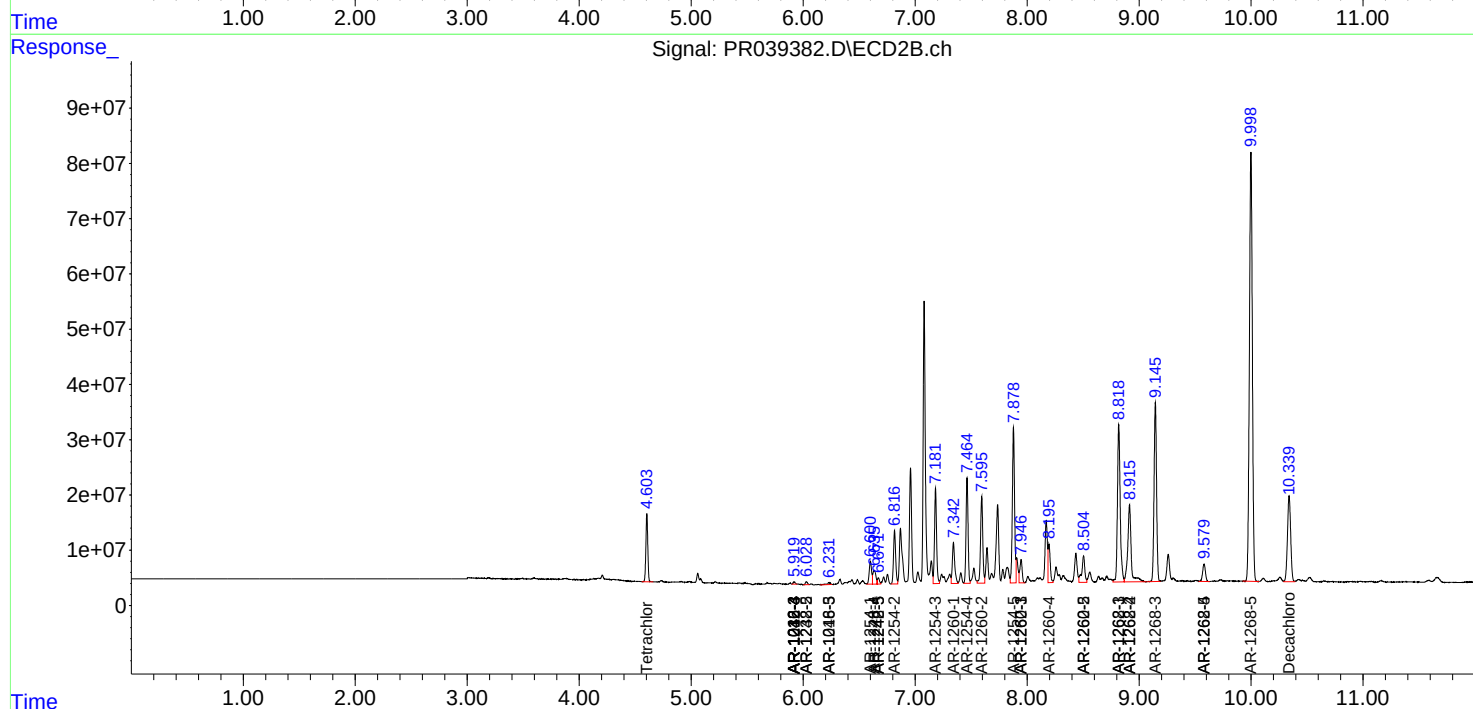
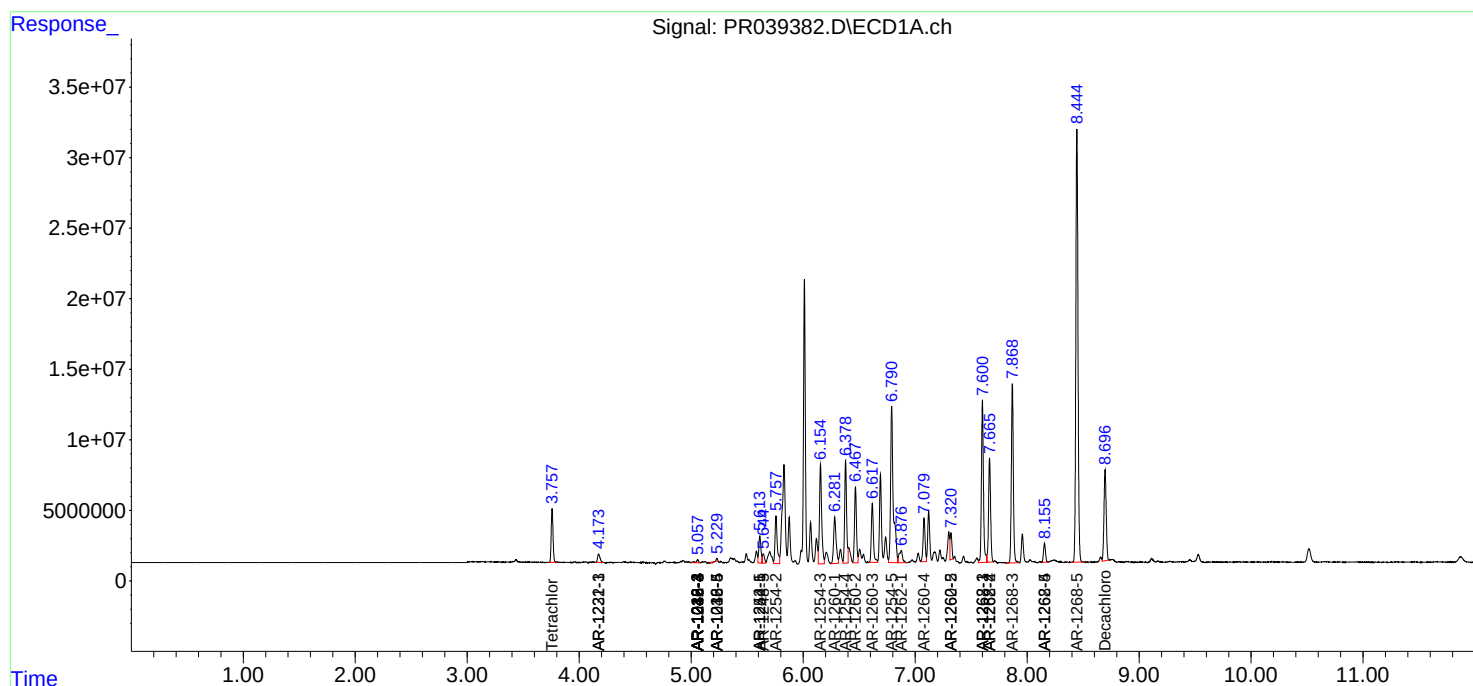
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

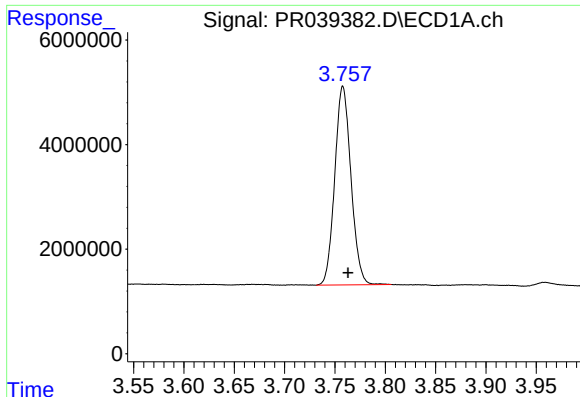
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR071719\  
Data File : PR039382.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jul 2019 21:48  
Operator : SM\AJ  
Sample : K3771-03  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 18 04:53:03 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR071519.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jul 16 02:56:01 2019  
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

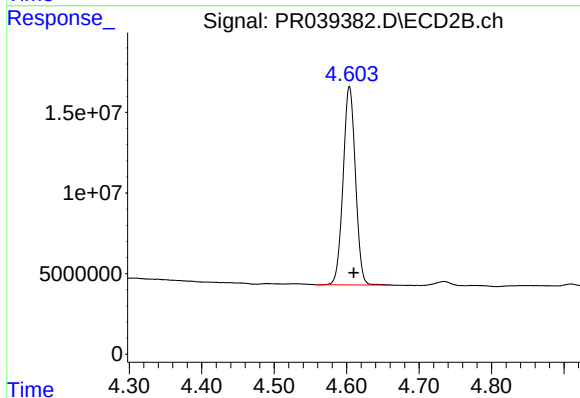




#1 Tetrachloro-m-xylene

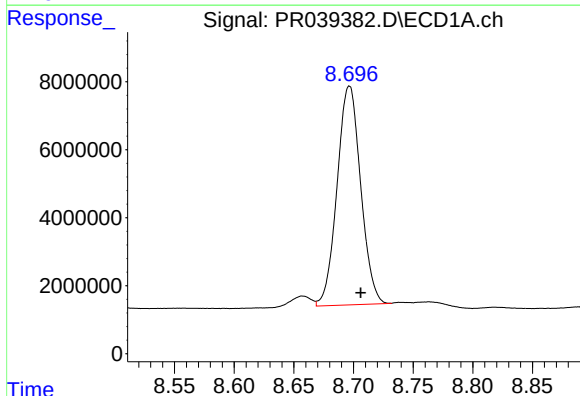
R.T.: 3.758 min  
Delta R.T.: -0.005 min  
Response: 42652132  
Conc: 27.54 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



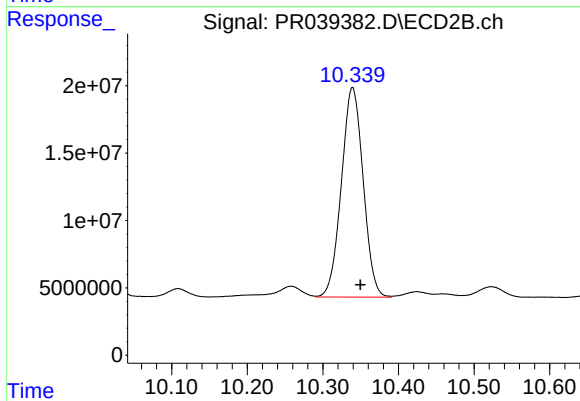
#1 Tetrachloro-m-xylene

R.T.: 4.604 min  
Delta R.T.: -0.006 min  
Response: 145841489  
Conc: 22.55 ng/ml



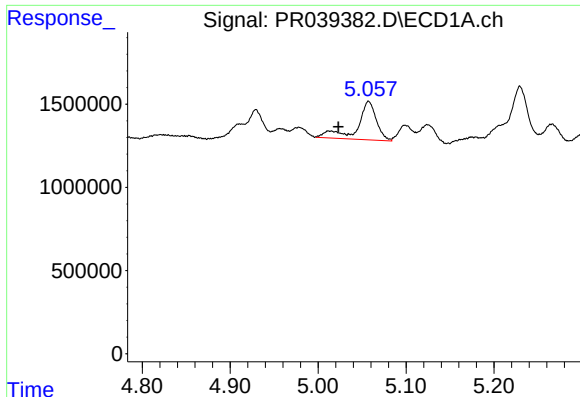
#2 Decachlorobiphenyl

R.T.: 8.697 min  
Delta R.T.: -0.009 min  
Response: 88523124  
Conc: 36.20 ng/ml



#2 Decachlorobiphenyl

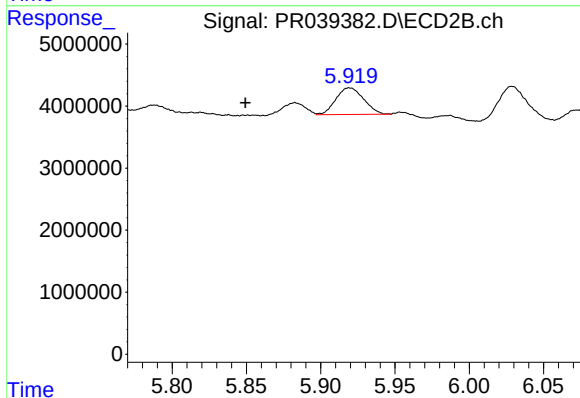
R.T.: 10.339 min  
Delta R.T.: -0.010 min  
Response: 311317757  
Conc: 36.38 ng/ml



#5 AR-1016-3

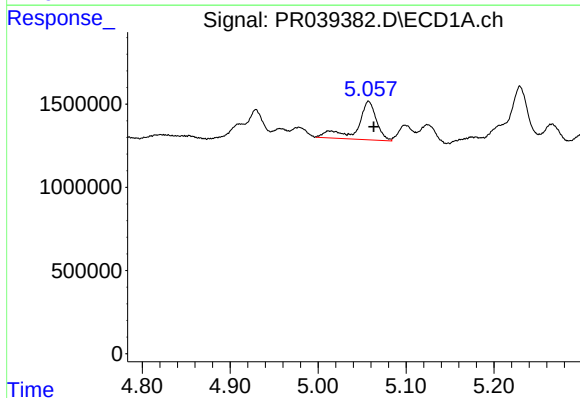
R.T.: 5.057 min  
Delta R.T.: 0.034 min  
Response: 3487490  
Conc: 70.20 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



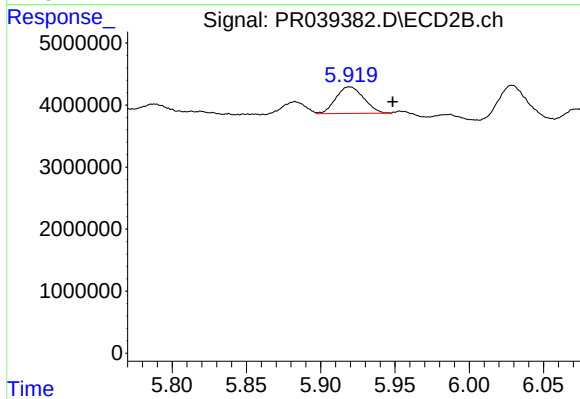
#5 AR-1016-3

R.T.: 5.919 min  
Delta R.T.: 0.070 min  
Response: 5614113  
Conc: 25.50 ng/ml



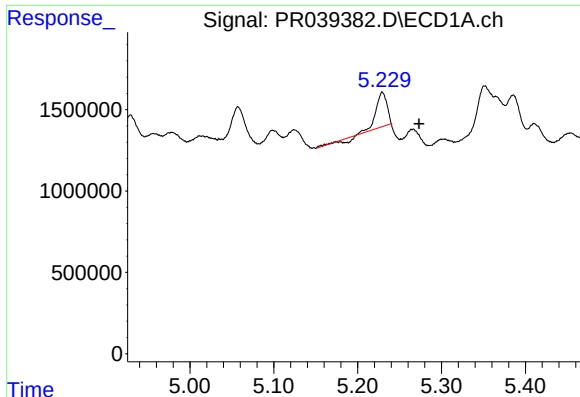
#6 AR-1016-4

R.T.: 5.057 min  
Delta R.T.: -0.006 min  
Response: 3487490  
Conc: 87.22 ng/ml



#6 AR-1016-4

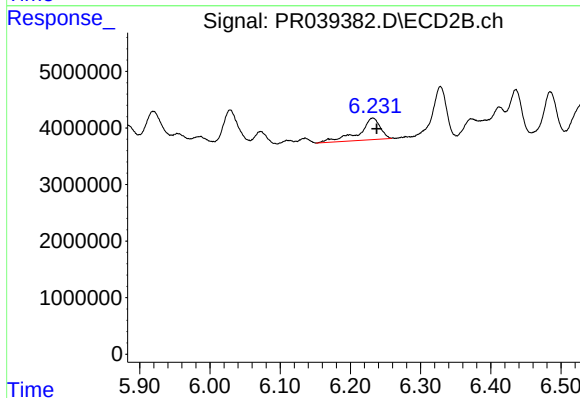
R.T.: 5.919 min  
Delta R.T.: -0.029 min  
Response: 5614113  
Conc: 30.01 ng/ml



#7 AR-1016-5

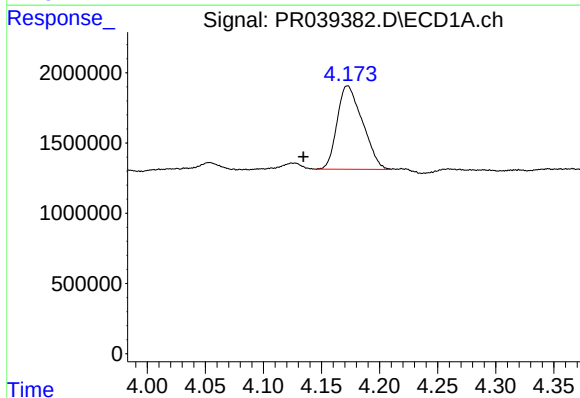
R.T.: 5.229 min  
Delta R.T.: -0.044 min  
Response: 1762382  
Conc: 32.40 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



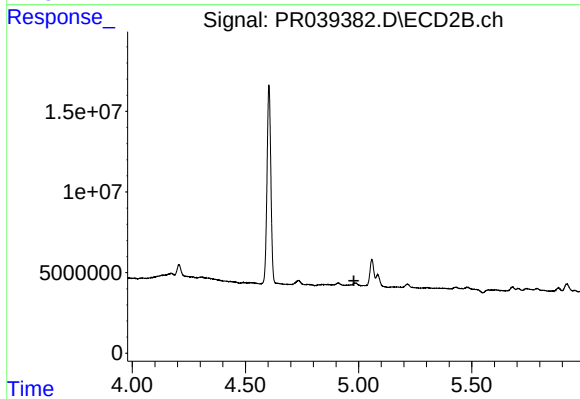
#7 AR-1016-5

R.T.: 6.232 min  
Delta R.T.: -0.005 min  
Response: 7946867  
Conc: 43.30 ng/ml



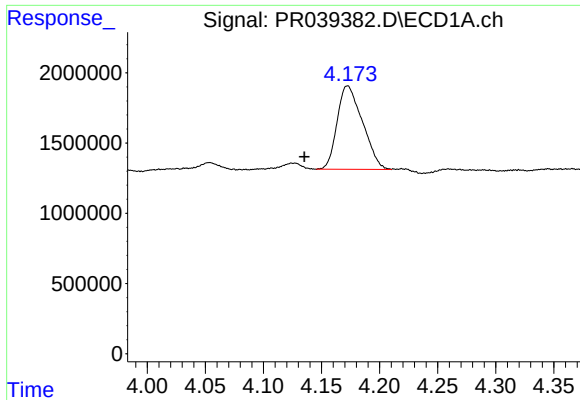
#10 AR-1221-3

R.T.: 4.173 min  
Delta R.T.: 0.038 min  
Response: 9019436  
Conc: 227.69 ng/ml



#10 AR-1221-3

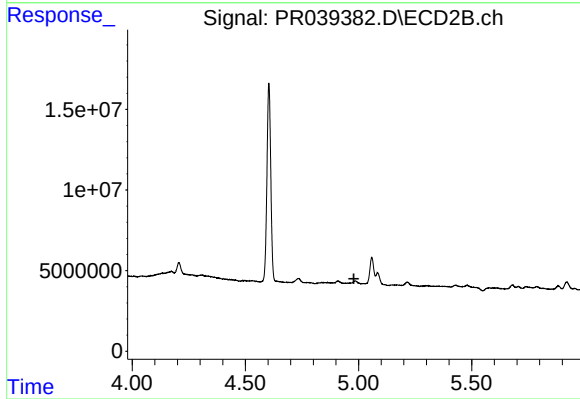
R.T.: 0.000 min  
Exp R.T.: 4.979 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

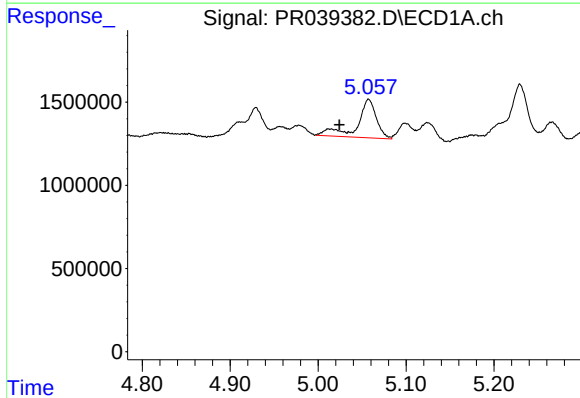
R.T.: 4.173 min  
Delta R.T.: 0.037 min  
Response: 9019436  
Conc: 303.70 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



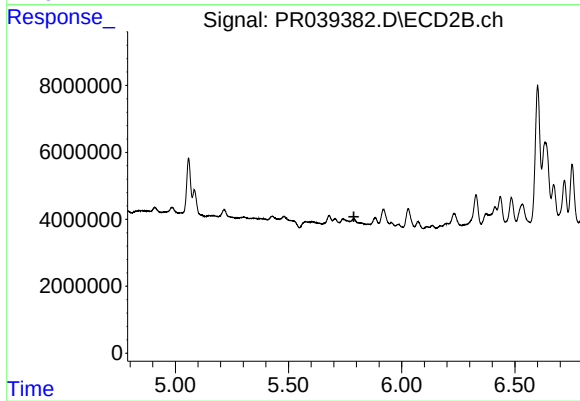
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.979 min  
Response: 0  
Conc: N.D.



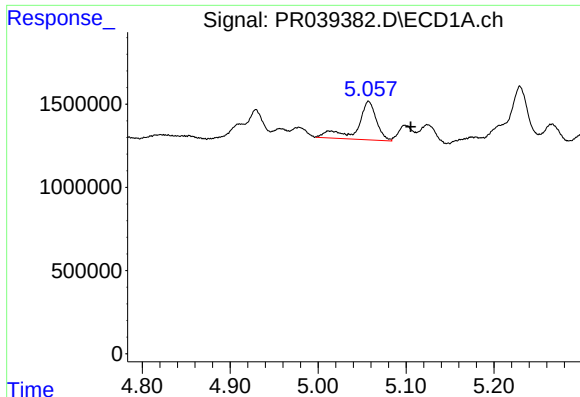
#13 AR-1232-3

R.T.: 5.057 min  
Delta R.T.: 0.033 min  
Response: 3487490  
Conc: 191.01 ng/ml



#13 AR-1232-3

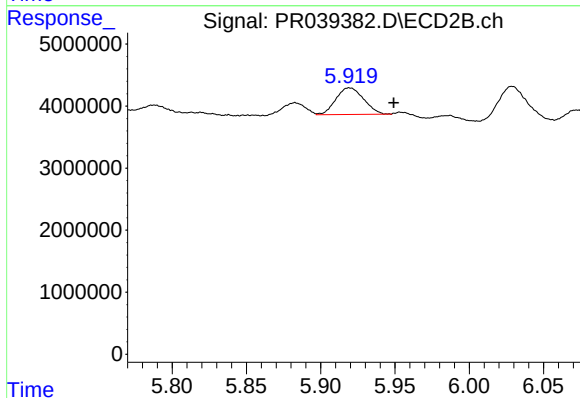
R.T.: 0.000 min  
Exp R.T. : 5.789 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

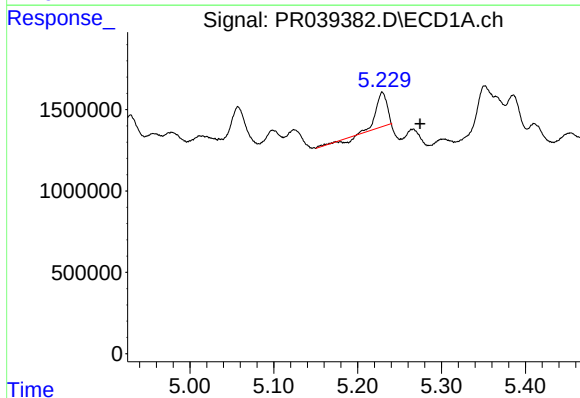
R.T.: 5.057 min  
Delta R.T.: -0.048 min  
Response: 3487490  
Conc: 218.88 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



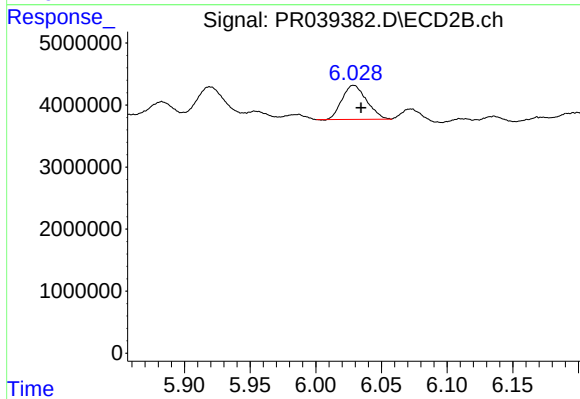
#14 AR-1232-4

R.T.: 5.919 min  
Delta R.T.: -0.030 min  
Response: 5614113  
Conc: 83.83 ng/ml



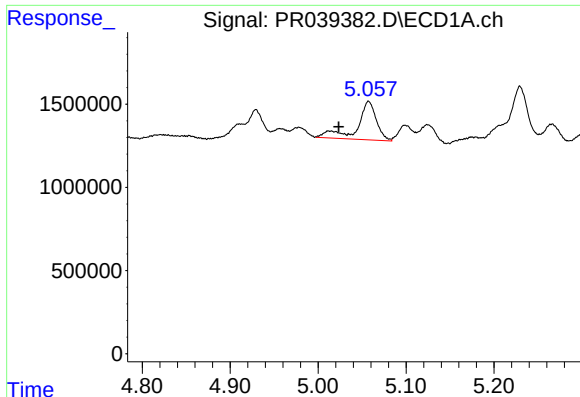
#15 AR-1232-5

R.T.: 5.229 min  
Delta R.T.: -0.045 min  
Response: 1762382  
Conc: 97.77 ng/ml



#15 AR-1232-5

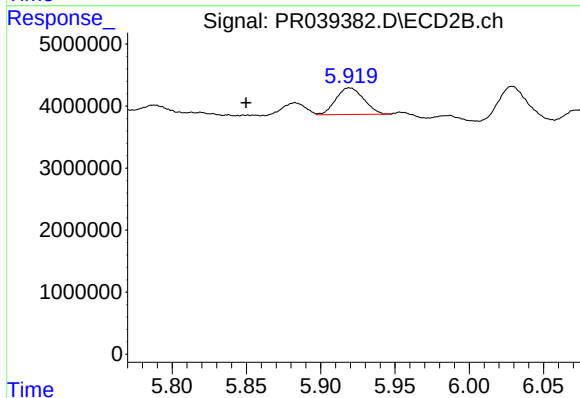
R.T.: 6.029 min  
Delta R.T.: -0.006 min  
Response: 7152449  
Conc: 156.94 ng/ml



#18 AR-1242-3

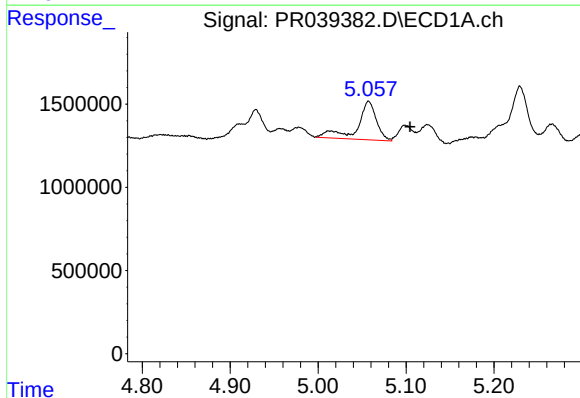
R.T.: 5.057 min  
Delta R.T.: 0.034 min  
Response: 3487490  
Conc: 80.12 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



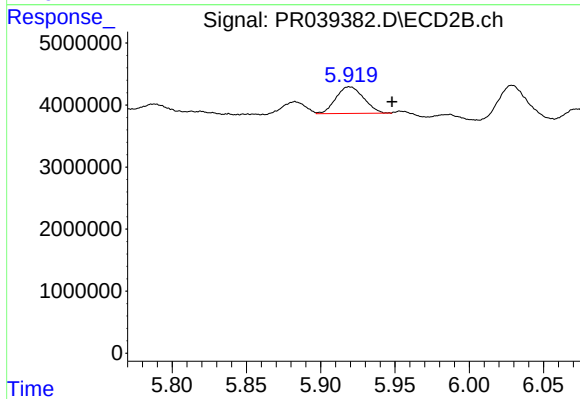
#18 AR-1242-3

R.T.: 5.919 min  
Delta R.T.: 0.070 min  
Response: 5614113  
Conc: 29.45 ng/ml



#19 AR-1242-4

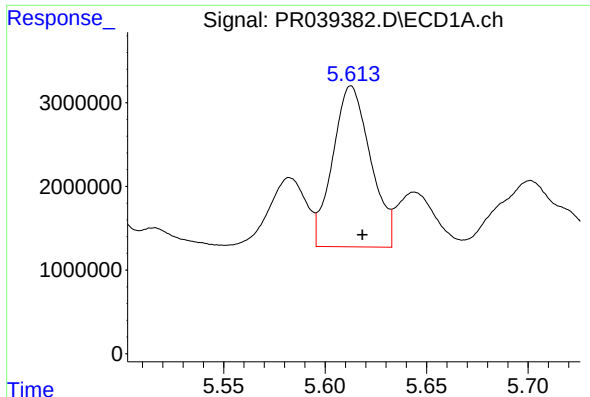
R.T.: 5.057 min  
Delta R.T.: -0.047 min  
Response: 3487490  
Conc: 80.99 ng/ml



#19 AR-1242-4

R.T.: 5.919 min  
Delta R.T.: -0.029 min  
Response: 5614113  
Conc: 34.98 ng/ml

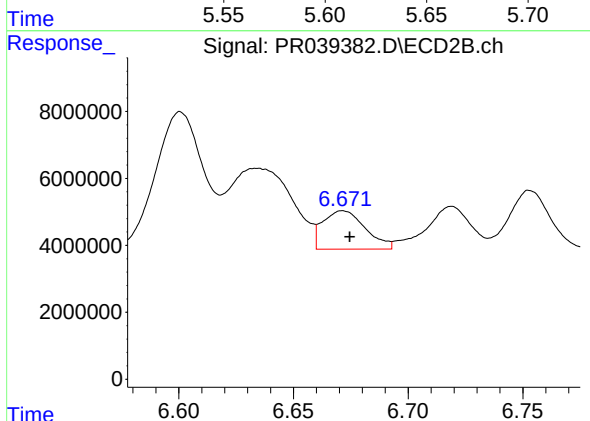




#20 AR-1242-5

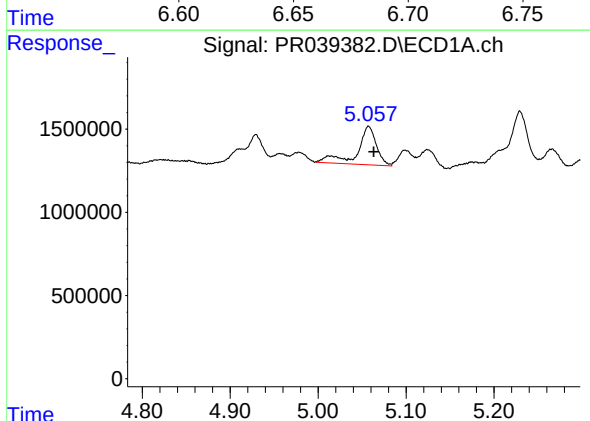
R.T.: 5.613 min  
Delta R.T.: -0.006 min  
Response: 24948003  
Conc: 399.25 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



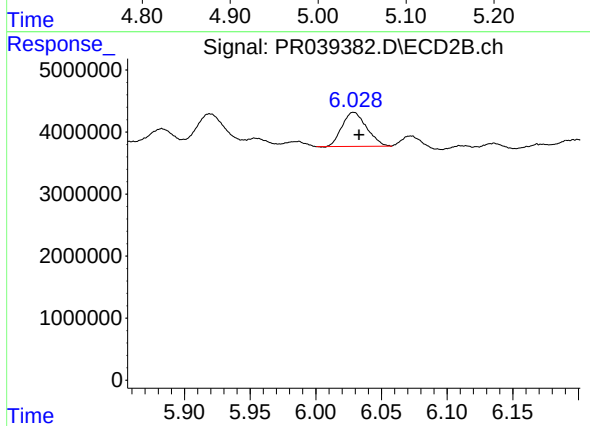
#20 AR-1242-5

R.T.: 6.672 min  
Delta R.T.: -0.003 min  
Response: 14769994  
Conc: 78.33 ng/ml



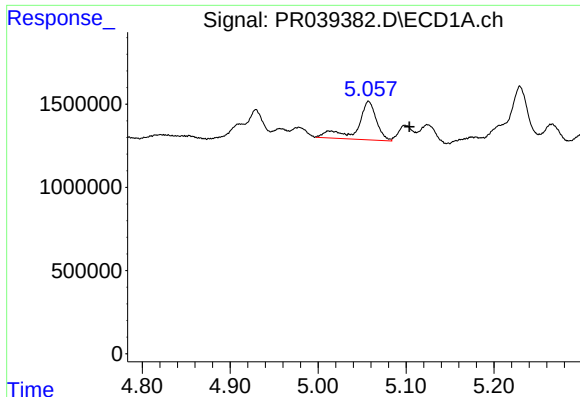
#22 AR-1248-2

R.T.: 5.057 min  
Delta R.T.: -0.006 min  
Response: 3487490  
Conc: 55.60 ng/ml



#22 AR-1248-2

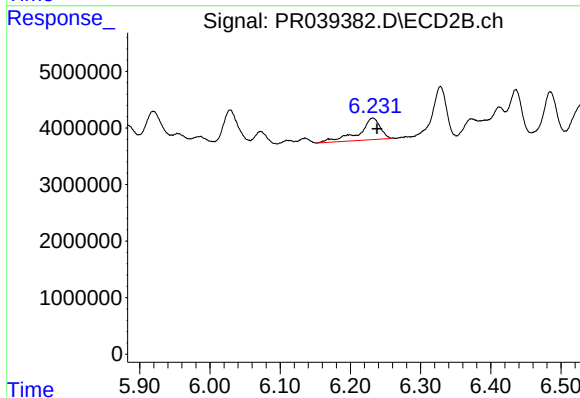
R.T.: 6.029 min  
Delta R.T.: -0.004 min  
Response: 7152449  
Conc: 30.45 ng/ml



#23 AR-1248-3

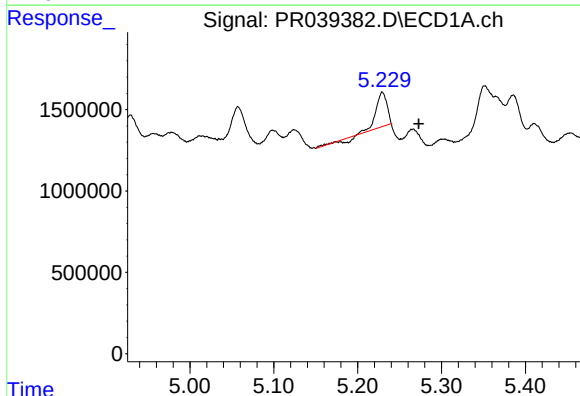
R.T.: 5.057 min  
Delta R.T.: -0.047 min  
Response: 3487490  
Conc: 53.42 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



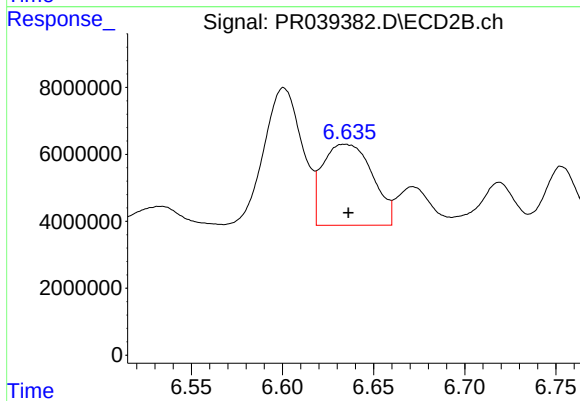
#23 AR-1248-3

R.T.: 6.232 min  
Delta R.T.: -0.006 min  
Response: 7946867  
Conc: 28.75 ng/ml



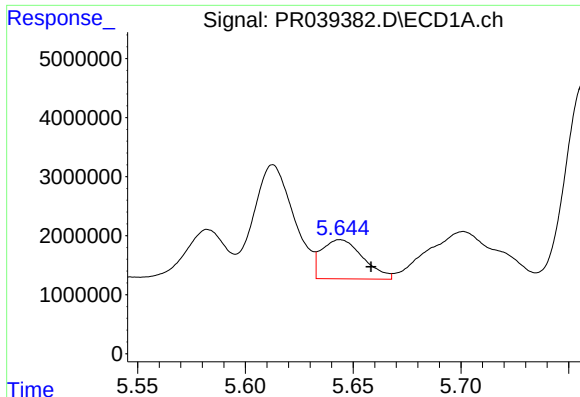
#24 AR-1248-4

R.T.: 5.229 min  
Delta R.T.: -0.043 min  
Response: 1762382  
Conc: 21.50 ng/ml



#24 AR-1248-4

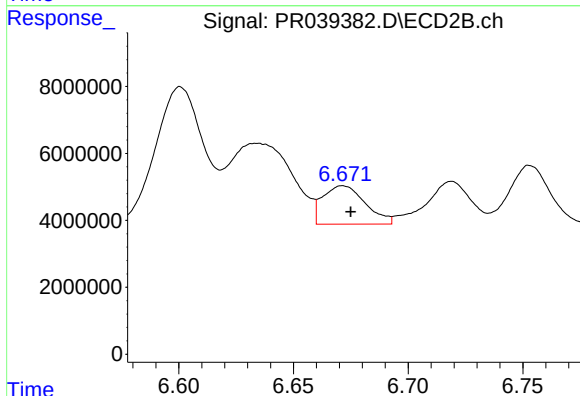
R.T.: 6.634 min  
Delta R.T.: -0.002 min  
Response: 45941427  
Conc: 136.90 ng/ml



#25 AR-1248-5

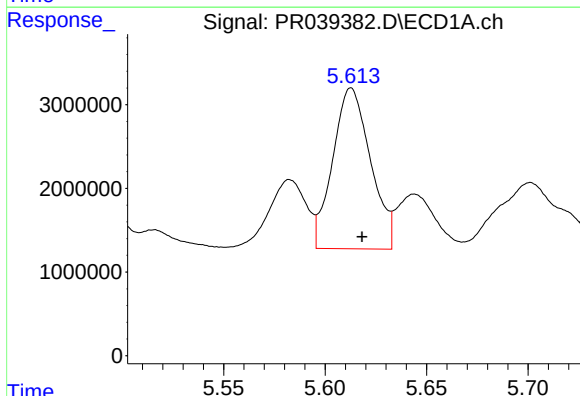
R.T.: 5.644 min  
Delta R.T.: -0.014 min  
Response: 8857964  
Conc: 101.38 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



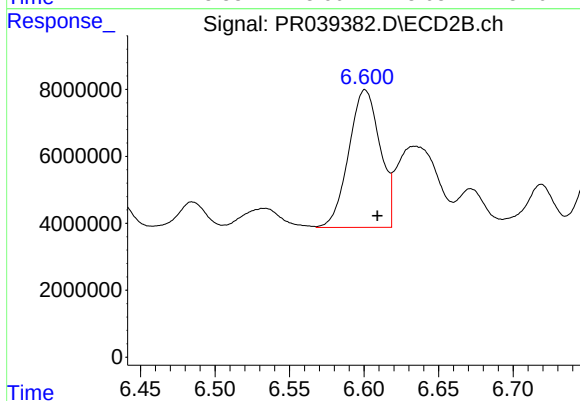
#25 AR-1248-5

R.T.: 6.672 min  
Delta R.T.: -0.003 min  
Response: 14769994  
Conc: 46.01 ng/ml



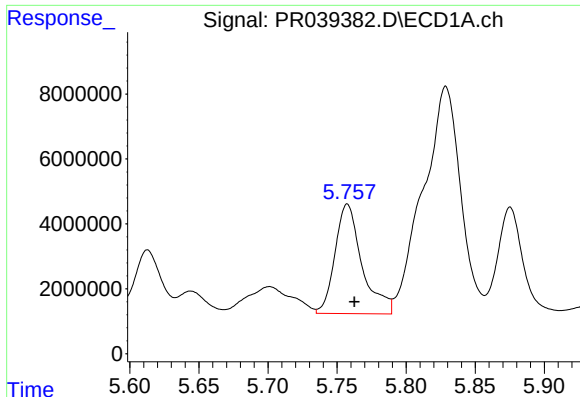
#26 AR-1254-1

R.T.: 5.613 min  
Delta R.T.: -0.005 min  
Response: 24948003  
Conc: 188.63 ng/ml



#26 AR-1254-1

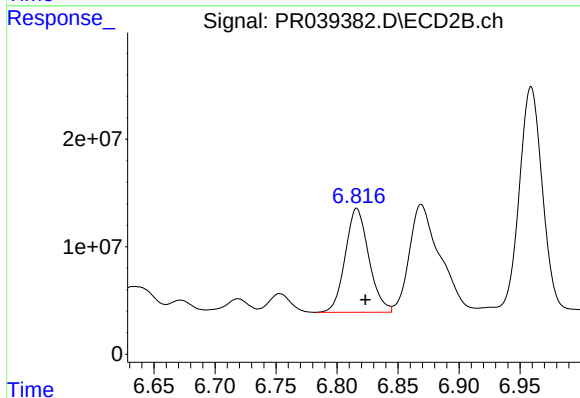
R.T.: 6.601 min  
Delta R.T.: -0.008 min  
Response: 60191556  
Conc: 187.98 ng/ml



#27 AR-1254-2

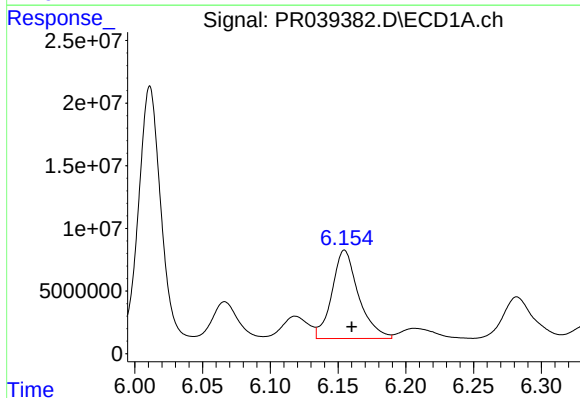
R.T.: 5.757 min  
Delta R.T.: -0.005 min  
Response: 45996610  
Conc: 392.67 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



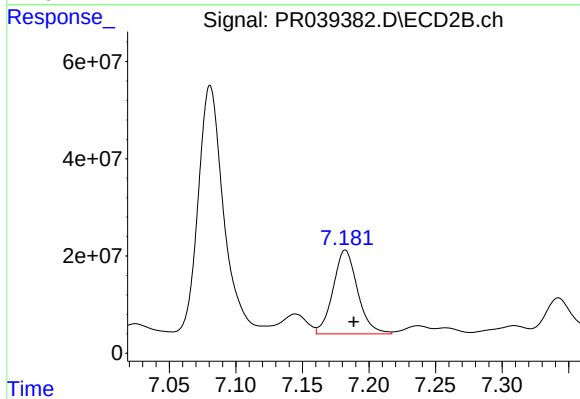
#27 AR-1254-2

R.T.: 6.816 min  
Delta R.T.: -0.007 min  
Response: 130190077  
Conc: 254.41 ng/ml



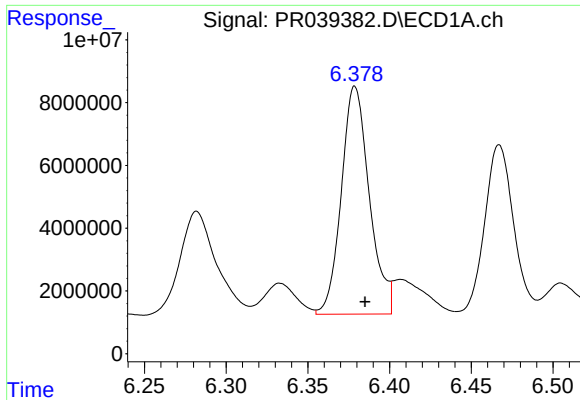
#28 AR-1254-3

R.T.: 6.155 min  
Delta R.T.: -0.005 min  
Response: 96638629  
Conc: 467.68 ng/ml



#28 AR-1254-3

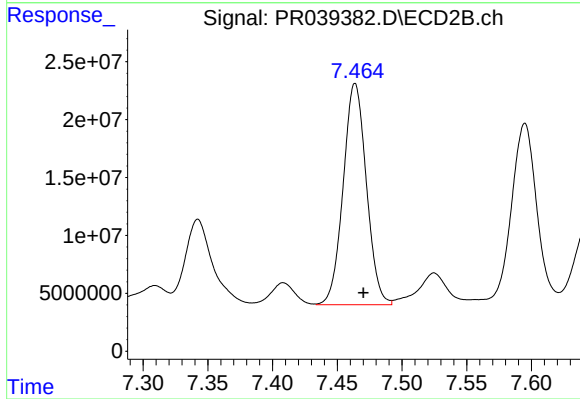
R.T.: 7.182 min  
Delta R.T.: -0.006 min  
Response: 221617982  
Conc: 369.30 ng/ml



#29 AR-1254-4

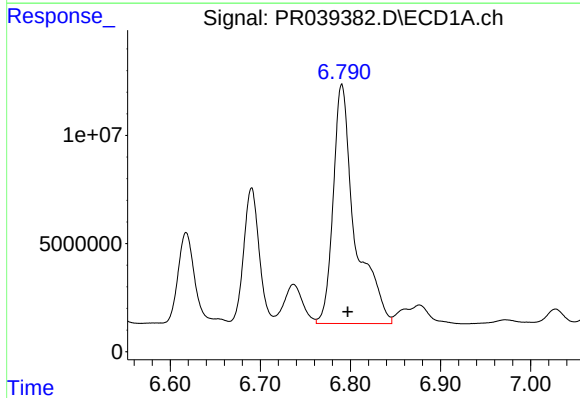
R.T.: 6.379 min  
Delta R.T.: -0.006 min  
Response: 86711576  
Conc: 566.39 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



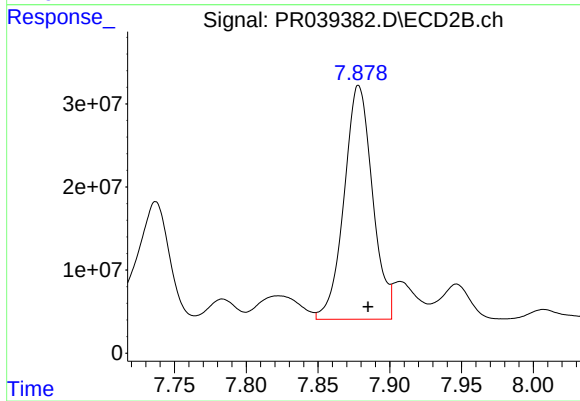
#29 AR-1254-4

R.T.: 7.464 min  
Delta R.T.: -0.006 min  
Response: 238347022  
Conc: 550.75 ng/ml



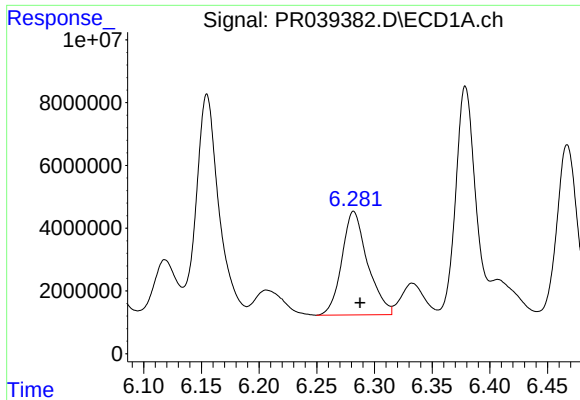
#30 AR-1254-5

R.T.: 6.790 min  
Delta R.T.: -0.007 min  
Response: 185792095  
Conc: 997.28 ng/ml



#30 AR-1254-5

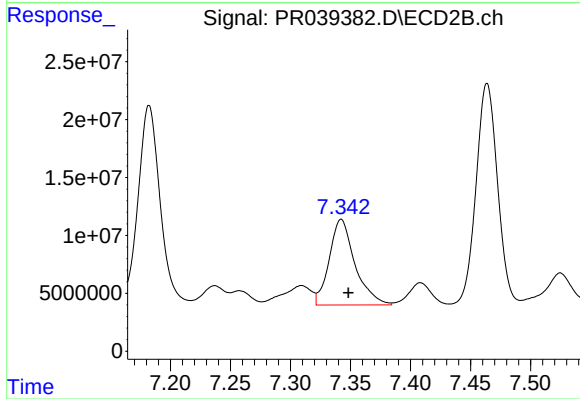
R.T.: 7.878 min  
Delta R.T.: -0.007 min  
Response: 388419877  
Conc: 826.47 ng/ml



#31 AR-1260-1

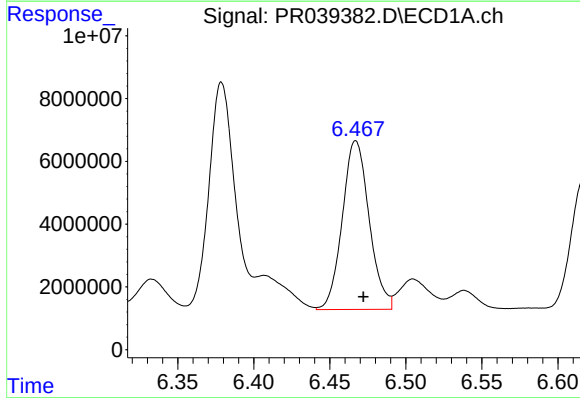
R.T.: 6.282 min  
Delta R.T.: -0.006 min  
Response: 51184538  
Conc: 446.63 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



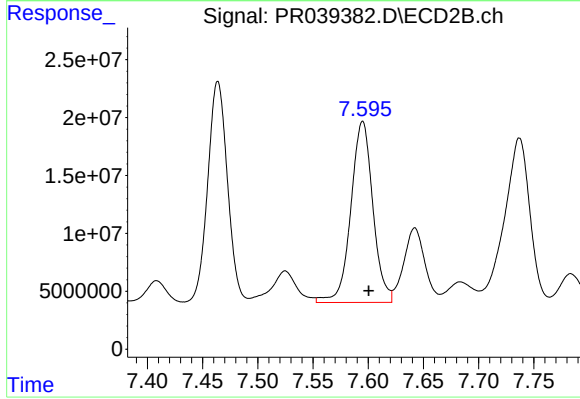
#31 AR-1260-1

R.T.: 7.342 min  
Delta R.T.: -0.006 min  
Response: 110393102  
Conc: 304.00 ng/ml



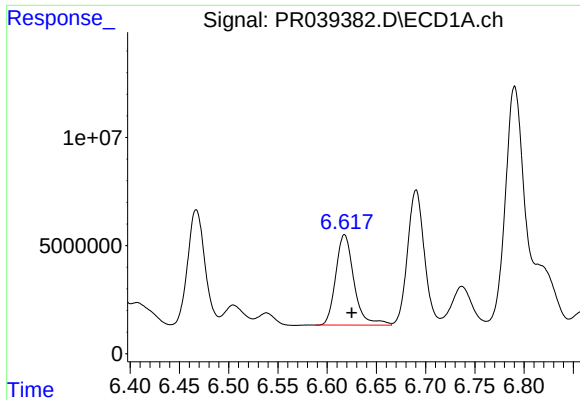
#32 AR-1260-2

R.T.: 6.467 min  
Delta R.T.: -0.005 min  
Response: 66145124  
Conc: 438.60 ng/ml



#32 AR-1260-2

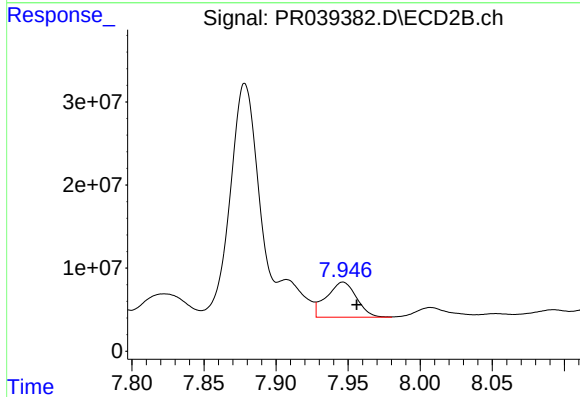
R.T.: 7.595 min  
Delta R.T.: -0.005 min  
Response: 217666693  
Conc: 497.63 ng/ml



#33 AR-1260-3

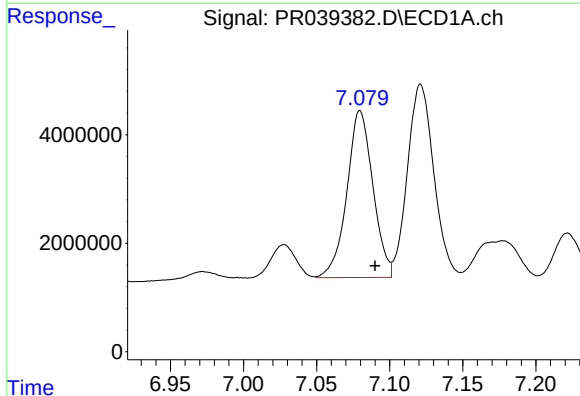
R.T.: 6.618 min  
Delta R.T.: -0.007 min  
Response: 54117200  
Conc: 402.11 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



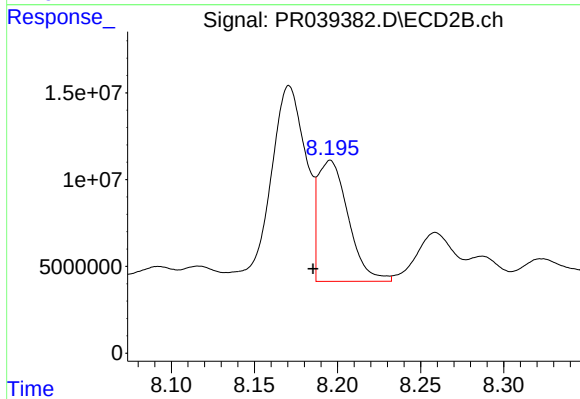
#33 AR-1260-3

R.T.: 7.947 min  
Delta R.T.: -0.009 min  
Response: 61011500  
Conc: 179.77 ng/ml



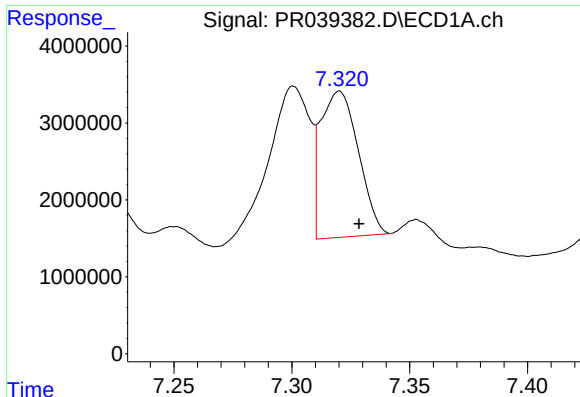
#34 AR-1260-4

R.T.: 7.080 min  
Delta R.T.: -0.010 min  
Response: 38090191  
Conc: 318.24 ng/ml



#34 AR-1260-4

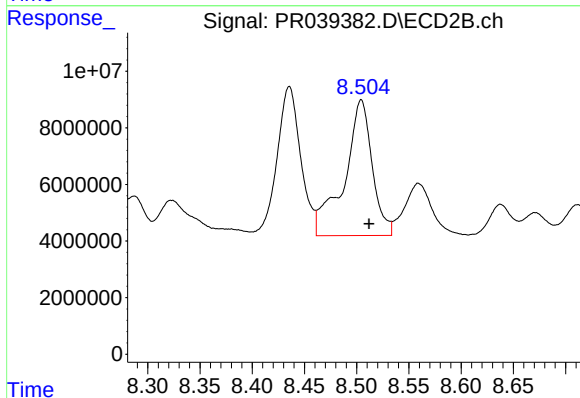
R.T.: 8.196 min  
Delta R.T.: 0.010 min  
Response: 88425625  
Conc: 217.60 ng/ml



#35 AR-1260-5

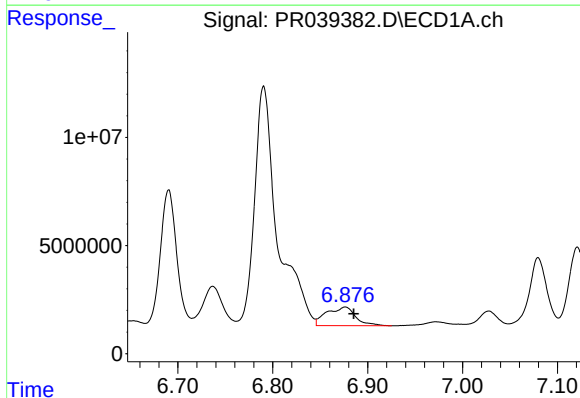
R.T.: 7.320 min  
Delta R.T.: -0.008 min  
Response: 21208059  
Conc: 70.57 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



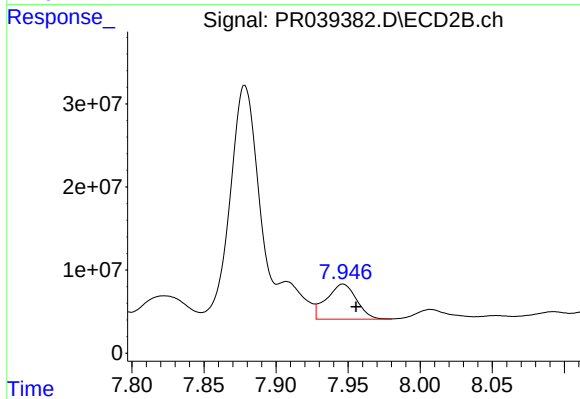
#35 AR-1260-5

R.T.: 8.504 min  
Delta R.T.: -0.007 min  
Response: 89275048  
Conc: 104.40 ng/ml



#36 AR-1262-1

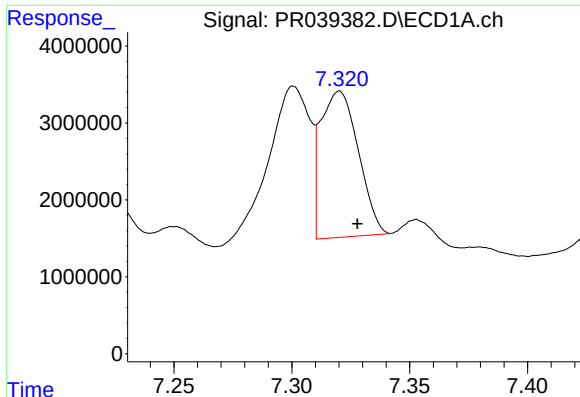
R.T.: 6.877 min  
Delta R.T.: -0.009 min  
Response: 18471374  
Conc: 194.86 ng/ml



#36 AR-1262-1

R.T.: 7.947 min  
Delta R.T.: -0.009 min  
Response: 61011500  
Conc: 87.86 ng/ml

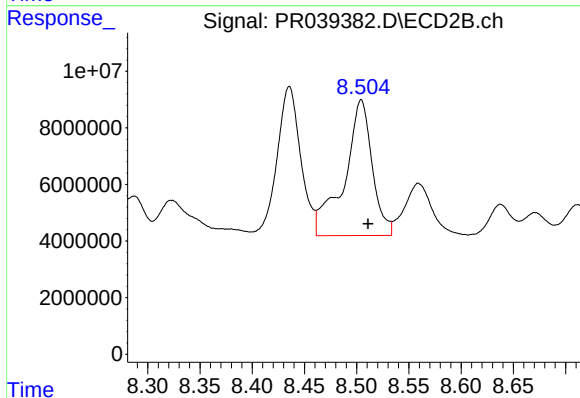




#37 AR-1262-2

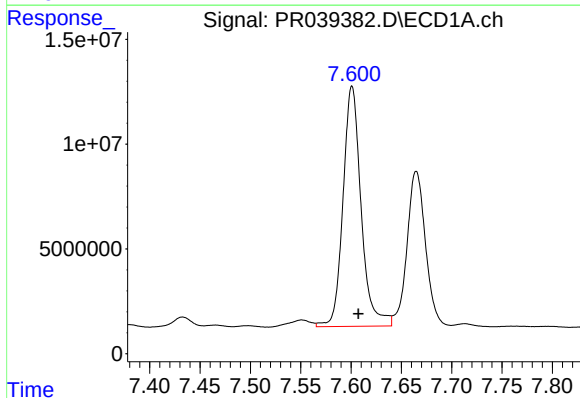
R.T.: 7.320 min  
Delta R.T.: -0.008 min  
Response: 21208059  
Conc: 43.59 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



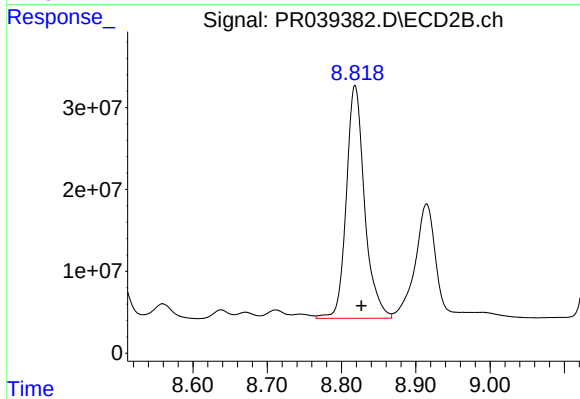
#37 AR-1262-2

R.T.: 8.504 min  
Delta R.T.: -0.007 min  
Response: 89275048  
Conc: 65.13 ng/ml



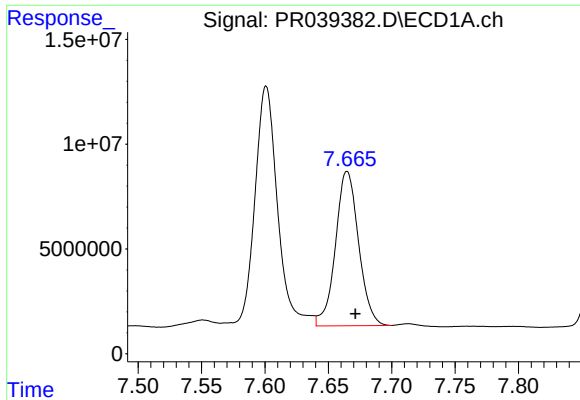
#38 AR-1262-3

R.T.: 7.601 min  
Delta R.T.: -0.006 min  
Response: 143852448  
Conc: 792.08 ng/ml



#38 AR-1262-3

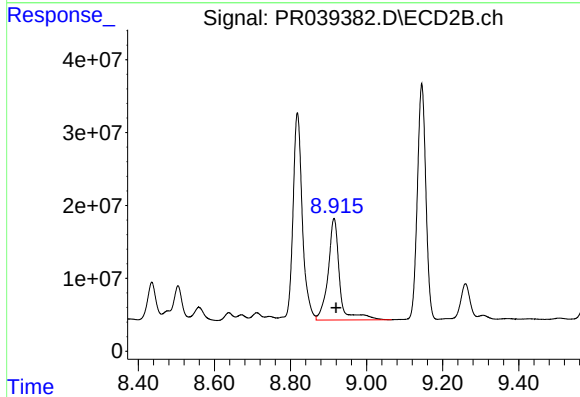
R.T.: 8.818 min  
Delta R.T.: -0.009 min  
Response: 486355040  
Conc: 539.92 ng/ml



#39 AR-1262-4

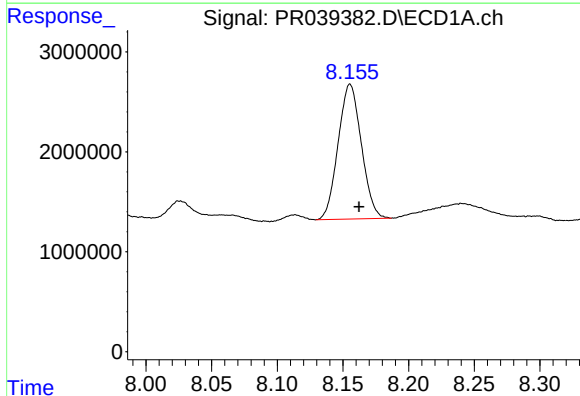
R.T.: 7.665 min  
Delta R.T.: -0.006 min  
Response: 93613531  
Conc: 263.12 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



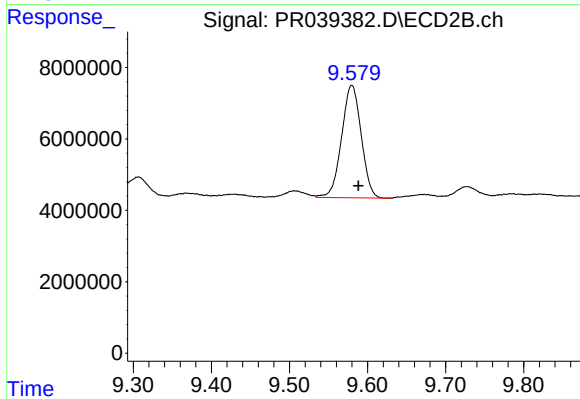
#39 AR-1262-4

R.T.: 8.915 min  
Delta R.T.: -0.005 min  
Response: 293375732  
Conc: 436.96 ng/ml



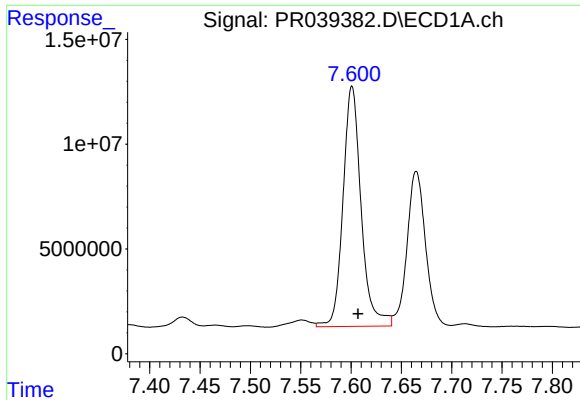
#40 AR-1262-5

R.T.: 8.155 min  
Delta R.T.: -0.007 min  
Response: 16619624  
Conc: 101.91 ng/ml



#40 AR-1262-5

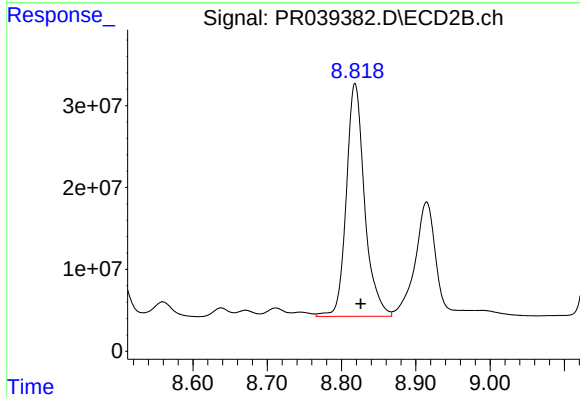
R.T.: 9.580 min  
Delta R.T.: -0.009 min  
Response: 54949491  
Conc: 112.25 ng/ml



#41 AR-1268-1

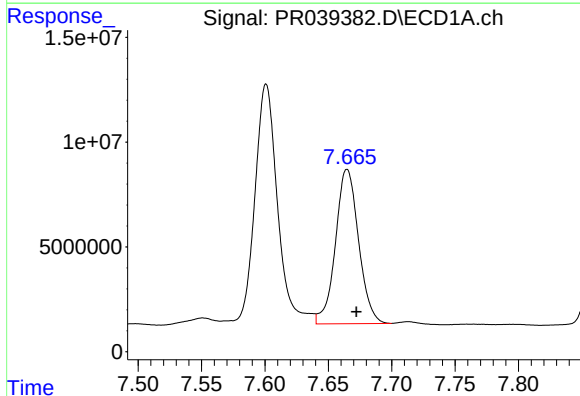
R.T.: 7.601 min  
Delta R.T.: -0.006 min  
Response: 143852448  
Conc: 266.44 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



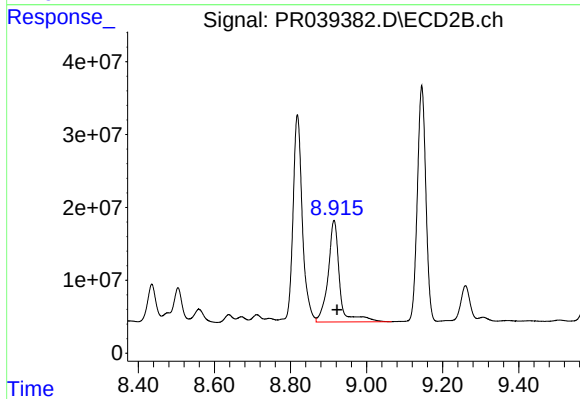
#41 AR-1268-1

R.T.: 8.818 min  
Delta R.T.: -0.008 min  
Response: 486355040  
Conc: 308.65 ng/ml



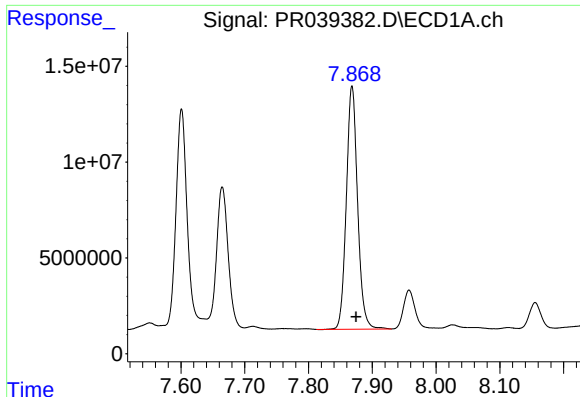
#42 AR-1268-2

R.T.: 7.665 min  
Delta R.T.: -0.007 min  
Response: 93613531  
Conc: 188.99 ng/ml



#42 AR-1268-2

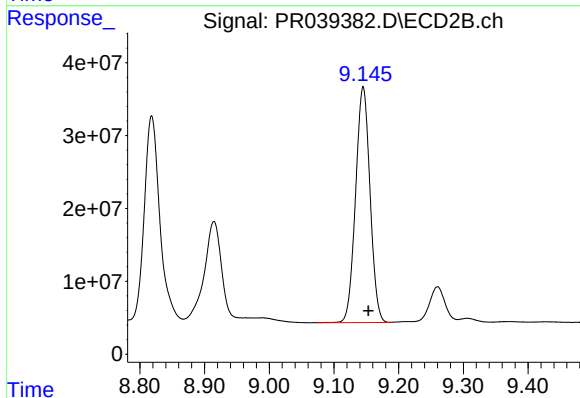
R.T.: 8.915 min  
Delta R.T.: -0.008 min  
Response: 293375732  
Conc: 200.00 ng/ml



#43 AR-1268-3

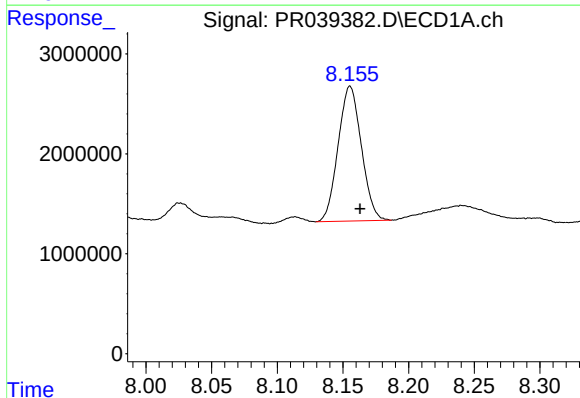
R.T.: 7.868 min  
Delta R.T.: -0.006 min  
Response: 155769188  
Conc: 388.51 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



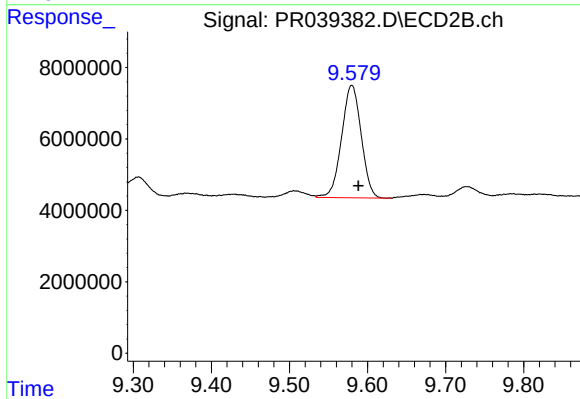
#43 AR-1268-3

R.T.: 9.145 min  
Delta R.T.: -0.008 min  
Response: 501840496  
Conc: 416.99 ng/ml



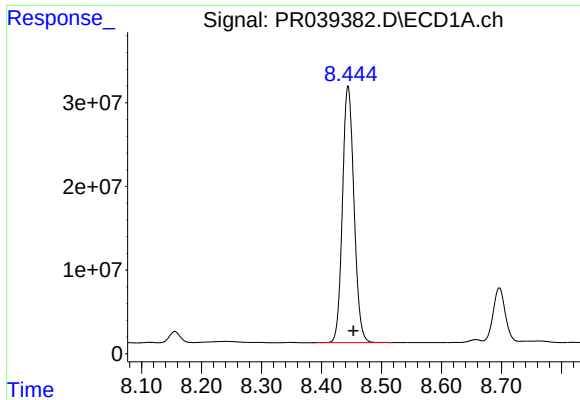
#44 AR-1268-4

R.T.: 8.155 min  
Delta R.T.: -0.007 min  
Response: 16619624  
Conc: 93.03 ng/ml



#44 AR-1268-4

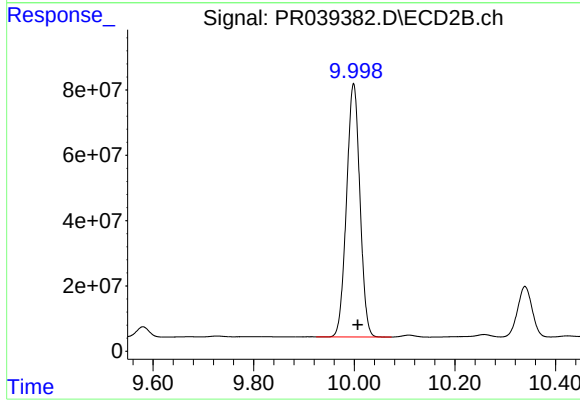
R.T.: 9.580 min  
Delta R.T.: -0.008 min  
Response: 54949491  
Conc: 103.71 ng/ml



#45 AR-1268-5

R.T.: 8.444 min  
Delta R.T.: -0.009 min  
Response: 409792188  
Conc: 301.82 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S12-07-SRE



#45 AR-1268-5

R.T.: 9.999 min  
Delta R.T.: -0.008 min  
Response: 1431345575  
Conc: 333.69 ng/ml