

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP081321\  
 Data File : PP038380.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 13 Aug 2021 21:02  
 Operator : AJ\MA  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 01:25:10 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080521.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 06 03:08:47 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

|                             | Compound        | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|-------|---------|---------|---------|----------|
| -----                       |                 |        |       |         |         |         |          |
| System Monitoring Compounds |                 |        |       |         |         |         |          |
| 1)                          | SA Tetrachlo... | 4.889  | 3.876 | 2161471 | 1274388 | 48.637  | 49.480   |
| 2)                          | SA Decachlor... | 10.877 | 9.138 | 1282188 | 1311373 | 56.364  | 50.685   |
| Target Compounds            |                 |        |       |         |         |         |          |
| 3)                          | L1 AR-1016-1    | 6.207  | 5.120 | 514407  | 343966  | 346.380 | 356.111  |
| 4)                          | L1 AR-1016-2    | 6.231  | 5.139 | 740583  | 485894  | 347.737 | 362.690  |
| 5)                          | L1 AR-1016-3    | 6.297  | 5.329 | 465176  | 261672  | 350.046 | 355.665  |
| 6)                          | L1 AR-1016-4    | 6.404  | 5.383 | 383888  | 189862  | 353.578 | 334.239  |
| 7)                          | L1 AR-1016-5    | 6.718  | 5.609 | 351437  | 260120  | 350.446 | 338.994  |
| 8)                          | L2 AR-1221-1    | 5.136  | 4.128 | 61545   | 36390   | 113.543 | 120.973  |
| 9)                          | L2 AR-1221-2    | 5.239  | 4.228 | 95798   | 54657   | 237.055 | 232.227  |
| 10)                         | L2 AR-1221-3    | 5.325  | 4.315 | 341514  | 198641  | 283.498 | 269.373  |
| 11)                         | L3 AR-1232-1    | 5.325  | 4.315 | 341514  | 198641  | 308.783 | 293.019  |
| 12)                         | L3 AR-1232-2    | 5.912  | 5.139 | 401380  | 485894  | 735.660 | 798.013  |
| 13)                         | L3 AR-1232-3    | 6.231  | 5.329 | 740583  | 261672  | 752.450 | 805.740  |
| 14)                         | L3 AR-1232-4    | 6.404  | 5.427 | 383888  | 240089  | 768.279 | 812.690  |
| 15)                         | L3 AR-1232-5    | 6.501  | 5.609 | 274173  | 260120  | 863.039 | 701.887  |
| 16)                         | L4 AR-1242-1    | 6.207  | 5.120 | 514407  | 343966  | 454.448 | 477.328  |
| 17)                         | L4 AR-1242-2    | 6.231  | 5.139 | 740583  | 485894  | 460.267 | 486.139  |
| 18)                         | L4 AR-1242-3    | 6.297  | 5.329 | 465176  | 261672  | 454.382 | 473.008  |
| 19)                         | L4 AR-1242-4    | 6.404  | 5.427 | 383888  | 240089  | 468.035 | 456.982  |
| 20)                         | L4 AR-1242-5    | 7.187  | 5.988 | 356583  | 295078  | 432.427 | 456.667  |
| 21)                         | L5 AR-1248-1    | 6.207  | 5.120 | 514407  | 343966  | 605.418 | 649.945  |
| 22)                         | L5 AR-1248-2    | 6.501  | 5.383 | 274173  | 189862  | 253.609 | 255.639  |
| 23)                         | L5 AR-1248-3    | 6.718  | 5.427 | 351437  | 240089  | 275.773 | 305.128  |
| 24)                         | L5 AR-1248-4    | 7.148  | 5.609 | 338406  | 260120  | 250.646 | 282.263  |
| 25)                         | L5 AR-1248-5    | 7.187  | 6.030 | 356583  | 245470  | 269.712 | 260.740  |
| 26)                         | L6 AR-1254-1    | 7.117  | 5.988 | 262172  | 295078  | 201.205 | 220.560  |
| 27)                         | L6 AR-1254-2    | 7.352  | 6.148 | 299645  | 69150   | 158.427 | 60.335 # |
| 28)                         | L6 AR-1254-3    | 7.728  | 6.565 | 113828  | 96185   | 57.375  | 50.948   |
| 29)                         | L6 AR-1254-4    | 8.025  | 6.805 | 81030   | 69753   | 56.462  | 57.934   |
| 30)                         | L6 AR-1254-5    | 8.454  | 7.233 | 14659   | 15427   | 10.087  | 9.349    |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.710 | 0       | 40862   | N.D.    | 31.384 # |
| 32)                         | L7 AR-1260-2    | 8.145f | 0.000 | 38835   | 0       | 22.557  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.233 | 0       | 15427   | N.D.    | 16.878 # |
| -----                       |                 |        |       |         |         |         |          |

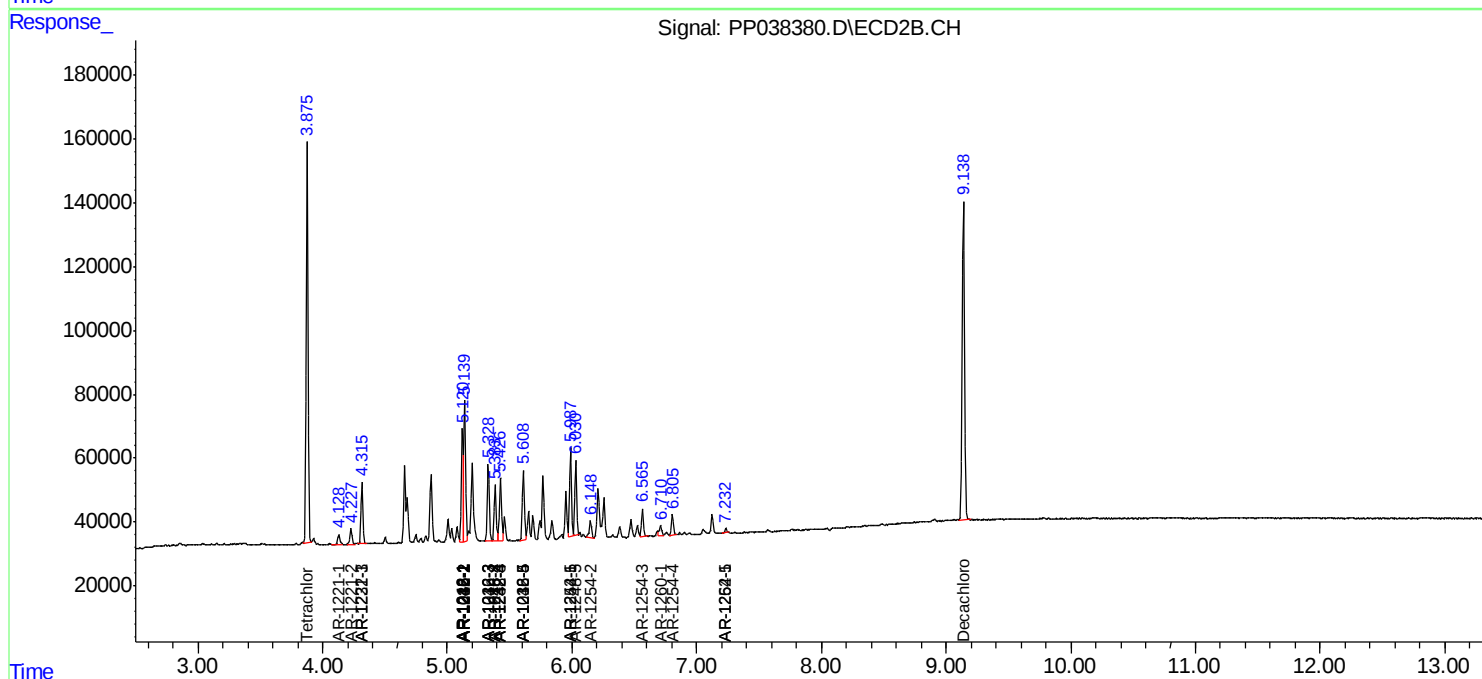
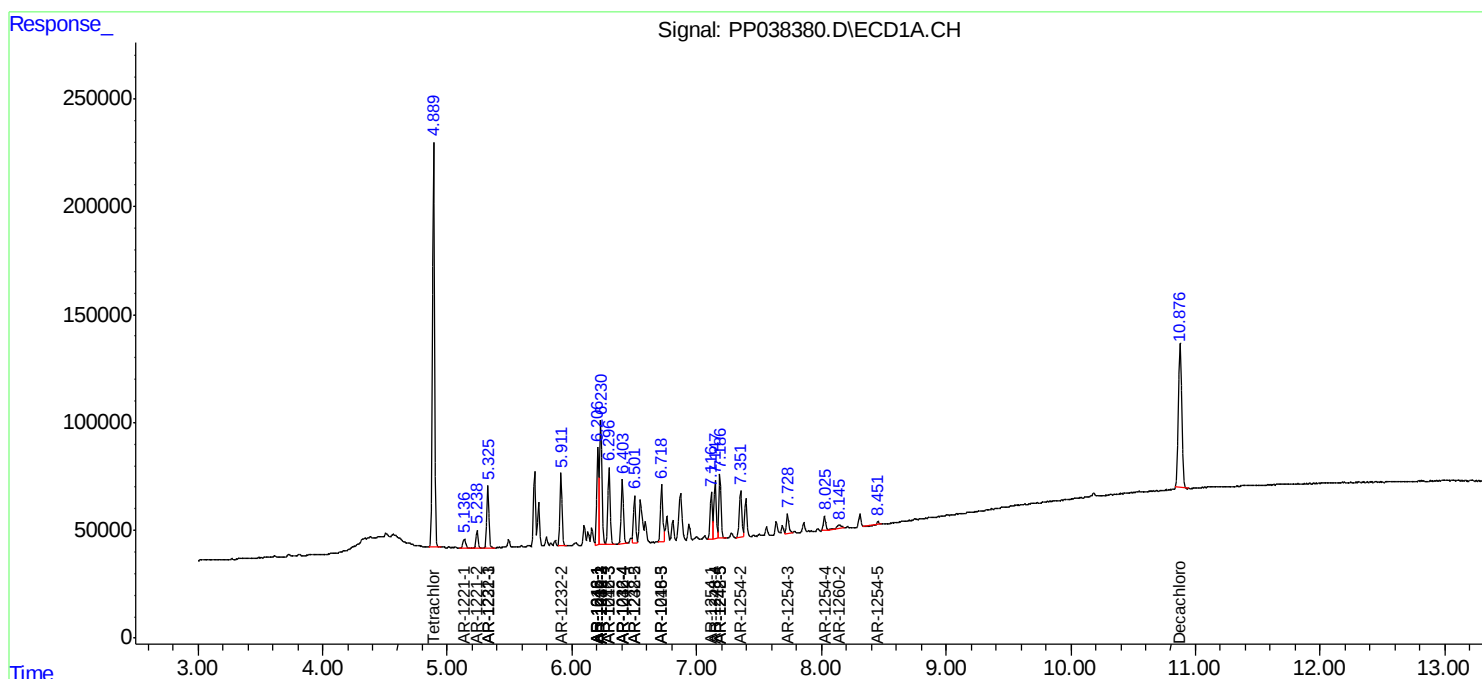
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

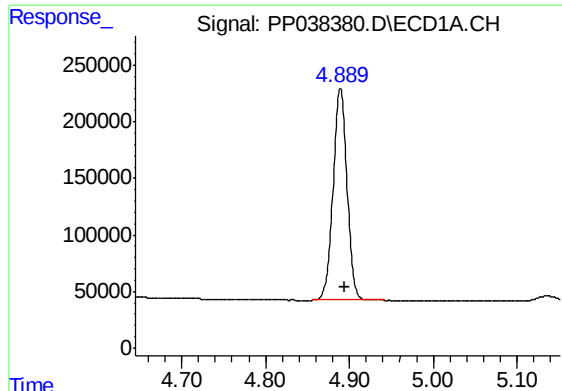
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP081321\  
Data File : PP038380.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 13 Aug 2021 21:02  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :  
AR1242CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 01:25:10 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080521.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 06 03:08:47 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

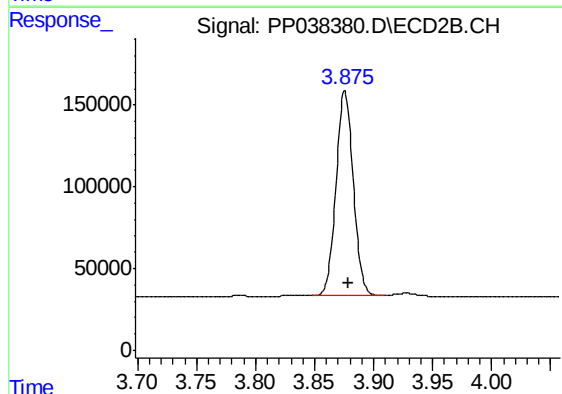




#1 Tetrachloro-m-xylene

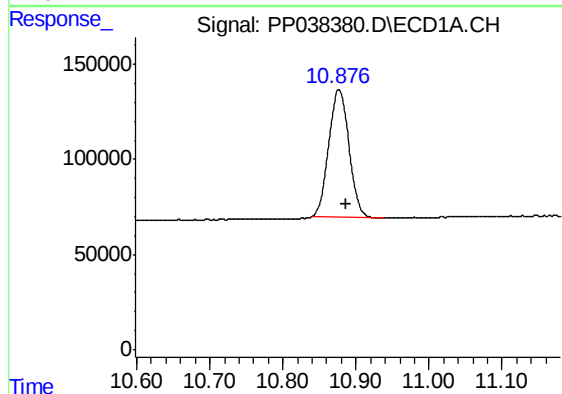
R.T.: 4.889 min  
Delta R.T.: -0.005 min  
Response: 2161471  
Conc: 48.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



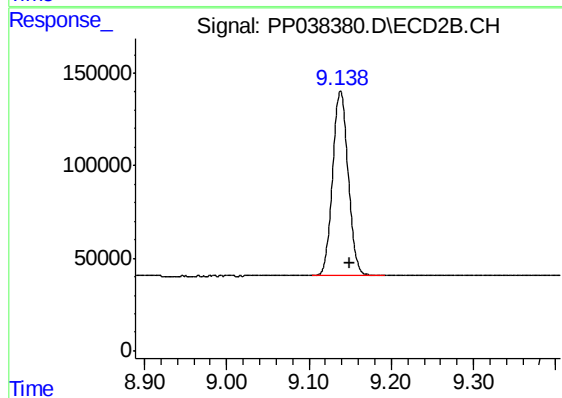
#1 Tetrachloro-m-xylene

R.T.: 3.876 min  
Delta R.T.: -0.003 min  
Response: 1274388  
Conc: 49.48 ng/ml



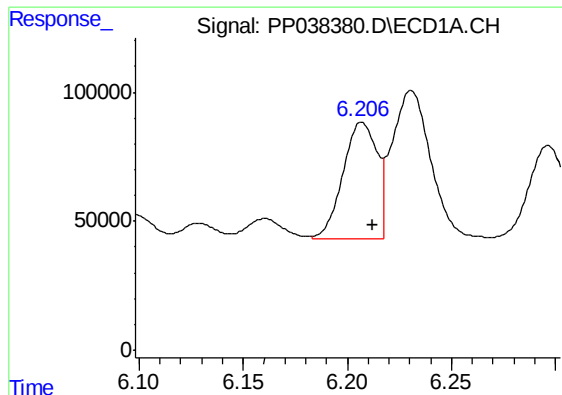
#2 Decachlorobiphenyl

R.T.: 10.877 min  
Delta R.T.: -0.009 min  
Response: 1282188  
Conc: 56.36 ng/ml



#2 Decachlorobiphenyl

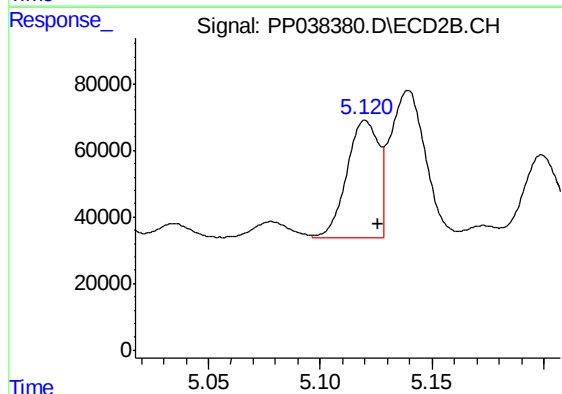
R.T.: 9.138 min  
Delta R.T.: -0.011 min  
Response: 1311373  
Conc: 50.68 ng/ml



#3 AR-1016-1

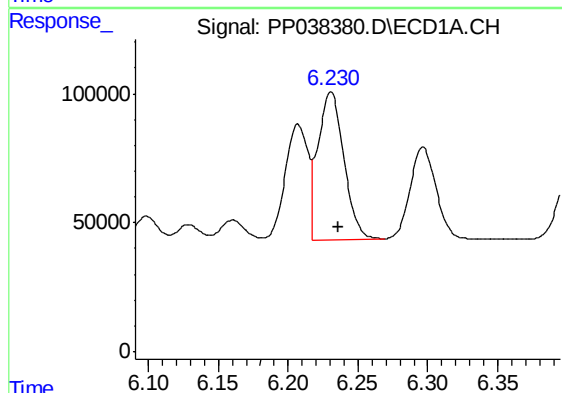
R.T.: 6.207 min  
Delta R.T.: -0.005 min  
Response: 514407  
Conc: 346.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



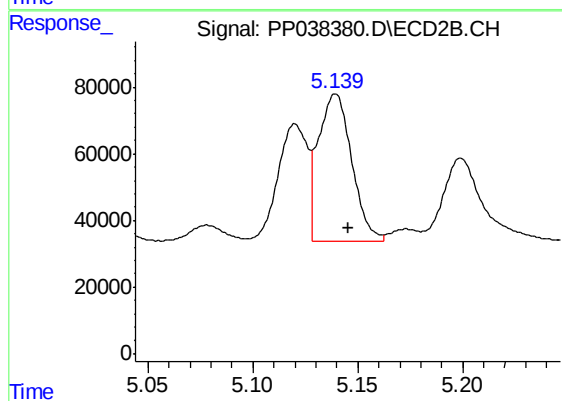
#3 AR-1016-1

R.T.: 5.120 min  
Delta R.T.: -0.006 min  
Response: 343966  
Conc: 356.11 ng/ml



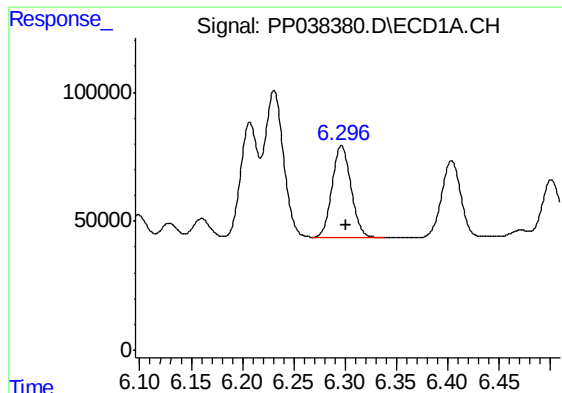
#4 AR-1016-2

R.T.: 6.231 min  
Delta R.T.: -0.005 min  
Response: 740583  
Conc: 347.74 ng/ml



#4 AR-1016-2

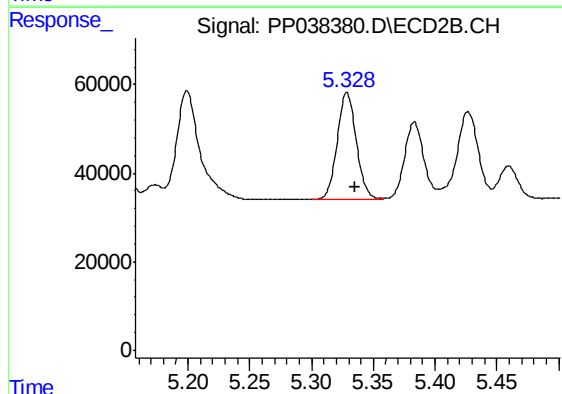
R.T.: 5.139 min  
Delta R.T.: -0.006 min  
Response: 485894  
Conc: 362.69 ng/ml



#5 AR-1016-3

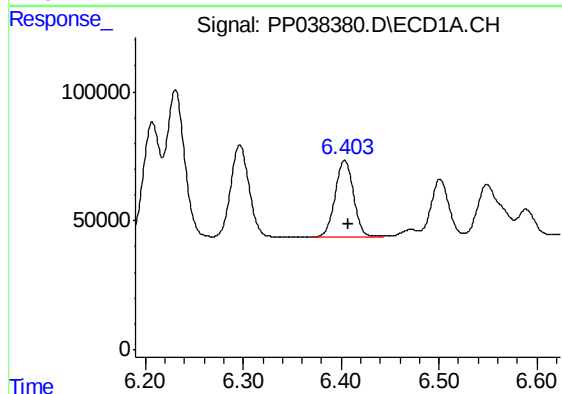
R.T.: 6.297 min  
Delta R.T.: -0.005 min  
Response: 465176  
Conc: 350.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



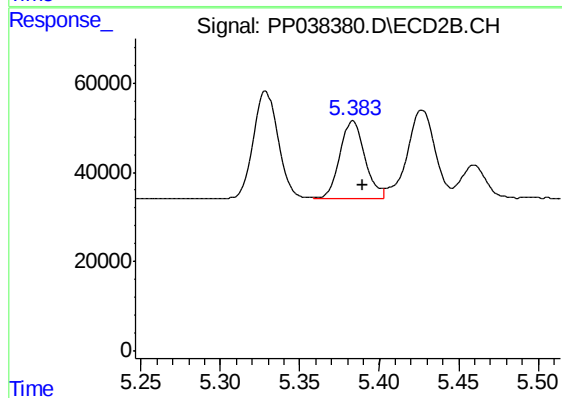
#5 AR-1016-3

R.T.: 5.329 min  
Delta R.T.: -0.006 min  
Response: 261672  
Conc: 355.66 ng/ml



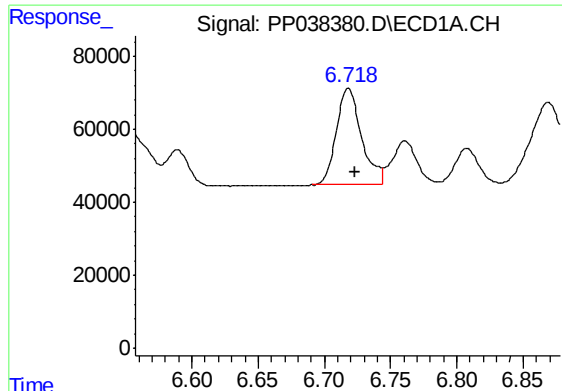
#6 AR-1016-4

R.T.: 6.404 min  
Delta R.T.: -0.005 min  
Response: 383888  
Conc: 353.58 ng/ml



#6 AR-1016-4

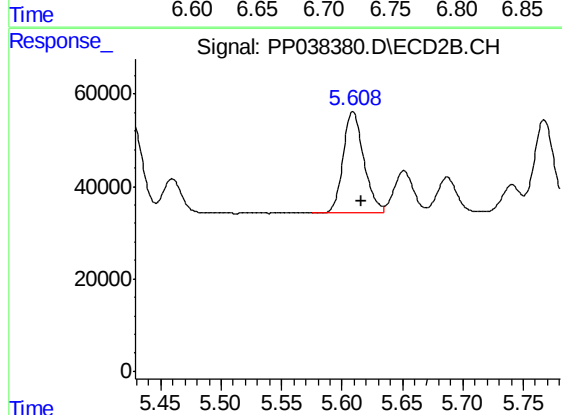
R.T.: 5.383 min  
Delta R.T.: -0.006 min  
Response: 189862  
Conc: 334.24 ng/ml



#7 AR-1016-5

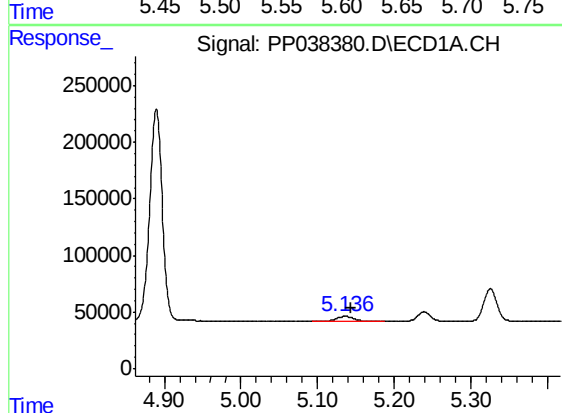
R.T.: 6.718 min  
Delta R.T.: -0.005 min  
Response: 351437  
Conc: 350.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



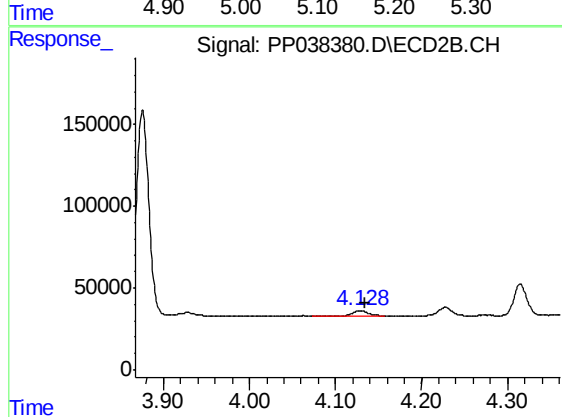
#7 AR-1016-5

R.T.: 5.609 min  
Delta R.T.: -0.007 min  
Response: 260120  
Conc: 338.99 ng/ml



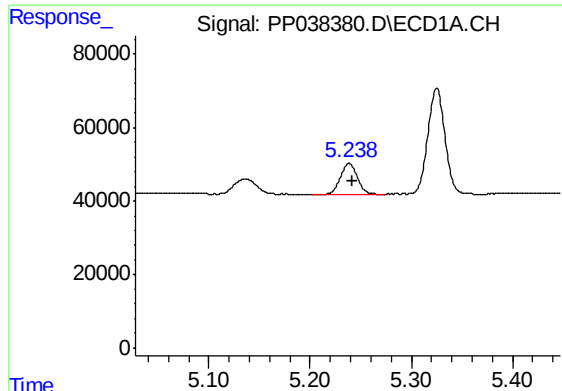
#8 AR-1221-1

R.T.: 5.136 min  
Delta R.T.: -0.007 min  
Response: 61545  
Conc: 113.54 ng/ml



#8 AR-1221-1

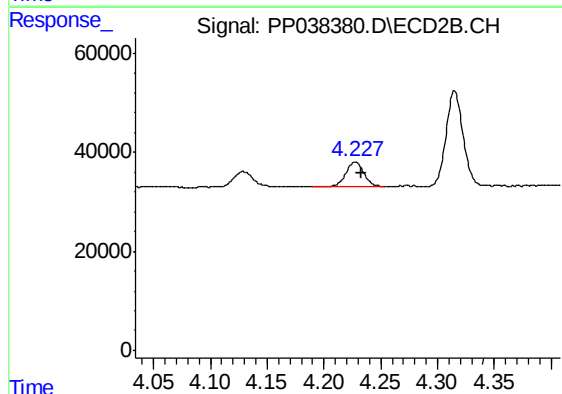
R.T.: 4.128 min  
Delta R.T.: -0.006 min  
Response: 36390  
Conc: 120.97 ng/ml



#9 AR-1221-2

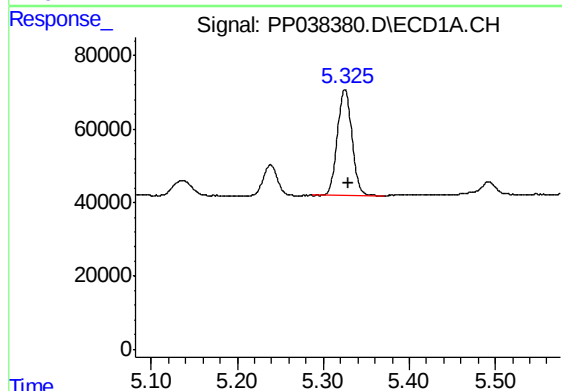
R.T.: 5.239 min  
Delta R.T.: -0.003 min  
Response: 95798  
Conc: 237.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



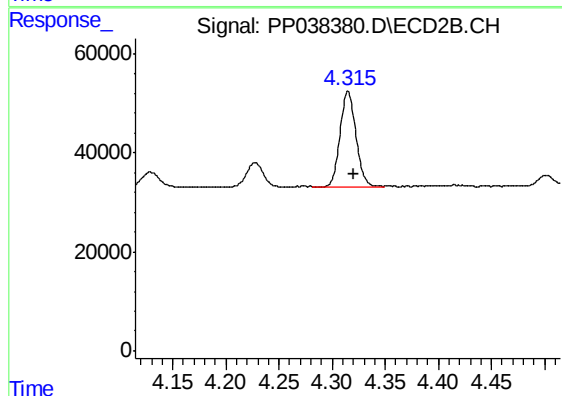
#9 AR-1221-2

R.T.: 4.228 min  
Delta R.T.: -0.005 min  
Response: 54657  
Conc: 232.23 ng/ml



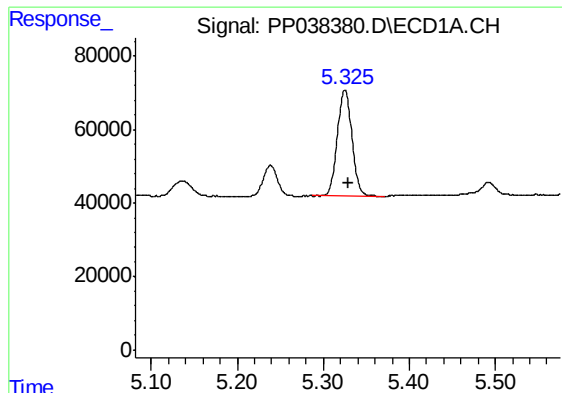
#10 AR-1221-3

R.T.: 5.325 min  
Delta R.T.: -0.003 min  
Response: 341514  
Conc: 283.50 ng/ml



#10 AR-1221-3

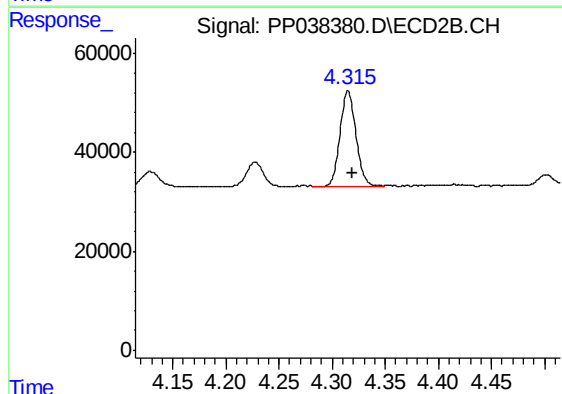
R.T.: 4.315 min  
Delta R.T.: -0.005 min  
Response: 198641  
Conc: 269.37 ng/ml



#11 AR-1232-1

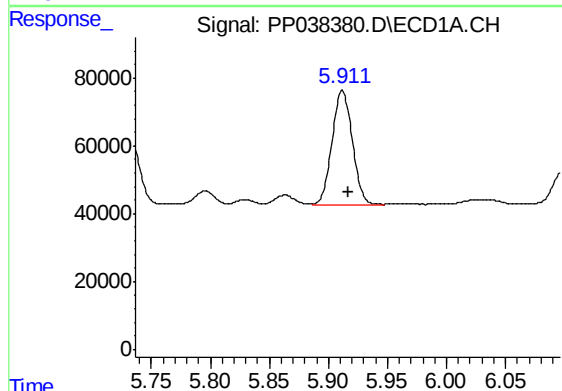
R.T.: 5.325 min  
Delta R.T.: -0.004 min  
Response: 341514  
Conc: 308.78 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



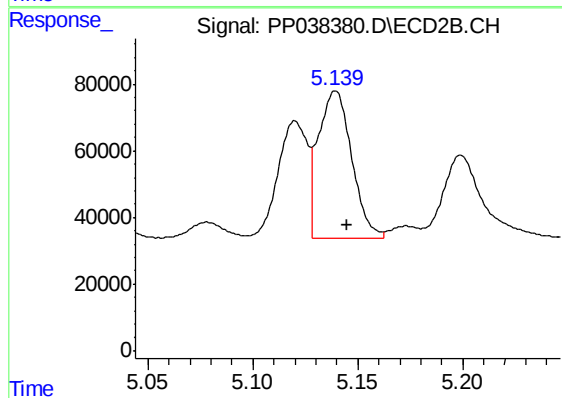
#11 AR-1232-1

R.T.: 4.315 min  
Delta R.T.: -0.004 min  
Response: 198641  
Conc: 293.02 ng/ml



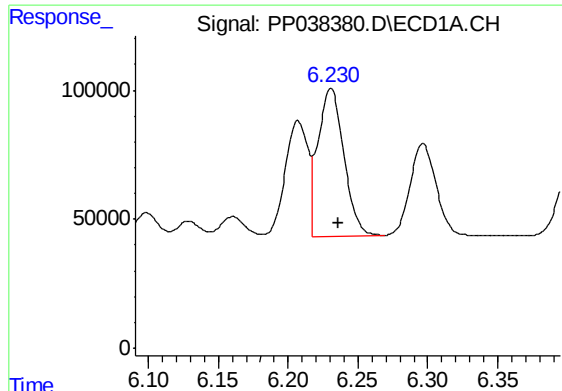
#12 AR-1232-2

R.T.: 5.912 min  
Delta R.T.: -0.005 min  
Response: 401380  
Conc: 735.66 ng/ml



#12 AR-1232-2

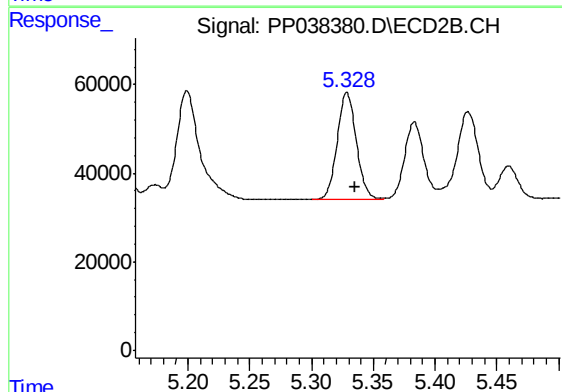
R.T.: 5.139 min  
Delta R.T.: -0.006 min  
Response: 485894  
Conc: 798.01 ng/ml



#13 AR-1232-3

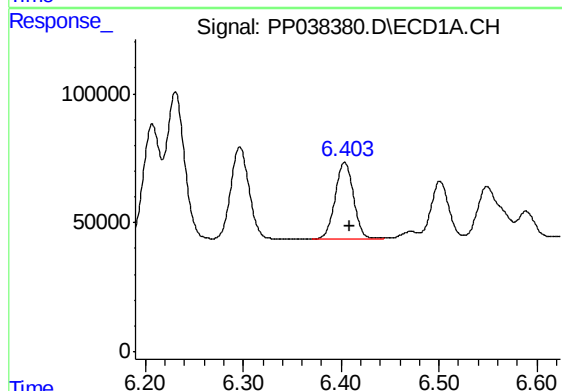
R.T.: 6.231 min  
Delta R.T.: -0.005 min  
Response: 740583  
Conc: 752.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



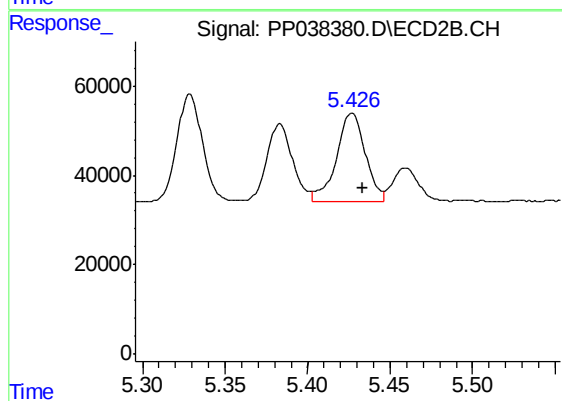
#13 AR-1232-3

R.T.: 5.329 min  
Delta R.T.: -0.006 min  
Response: 261672  
Conc: 805.74 ng/ml



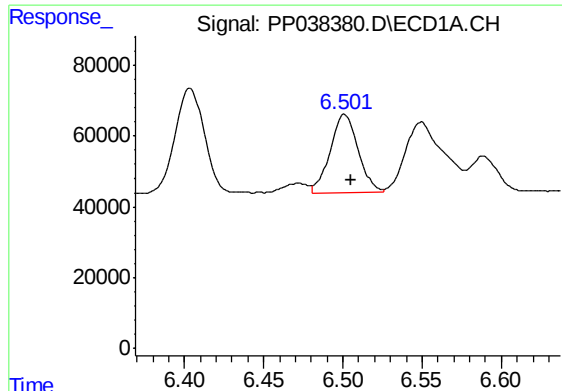
#14 AR-1232-4

R.T.: 6.404 min  
Delta R.T.: -0.005 min  
Response: 383888  
Conc: 768.28 ng/ml



#14 AR-1232-4

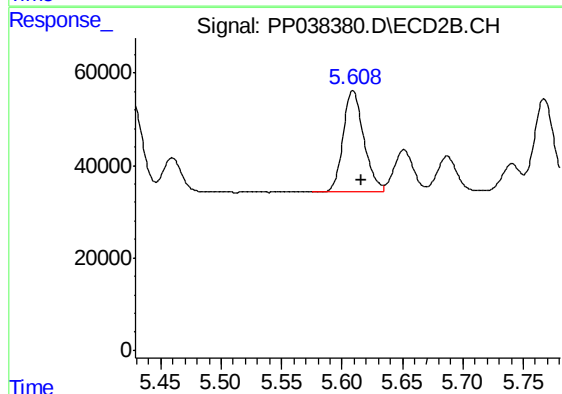
R.T.: 5.427 min  
Delta R.T.: -0.006 min  
Response: 240089  
Conc: 812.69 ng/ml



#15 AR-1232-5

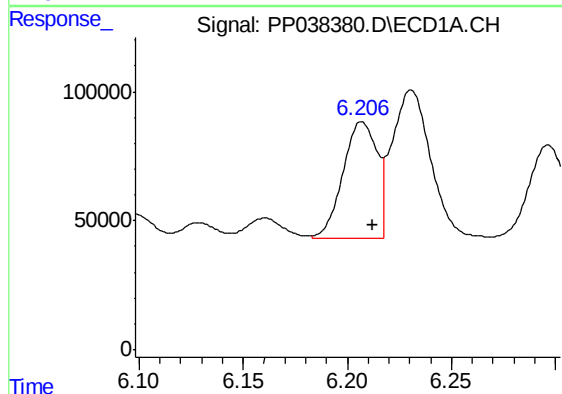
R.T.: 6.501 min  
Delta R.T.: -0.005 min  
Response: 274173  
Conc: 863.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



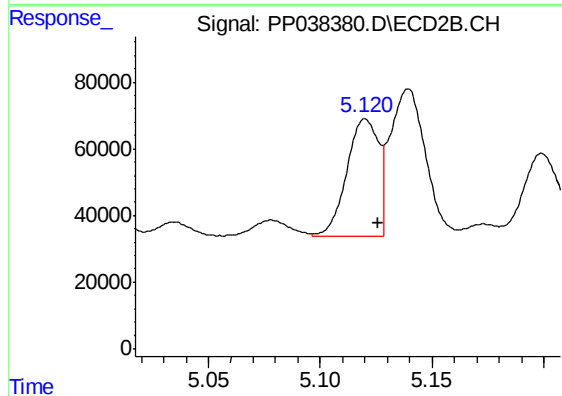
#15 AR-1232-5

R.T.: 5.609 min  
Delta R.T.: -0.007 min  
Response: 260120  
Conc: 701.89 ng/ml



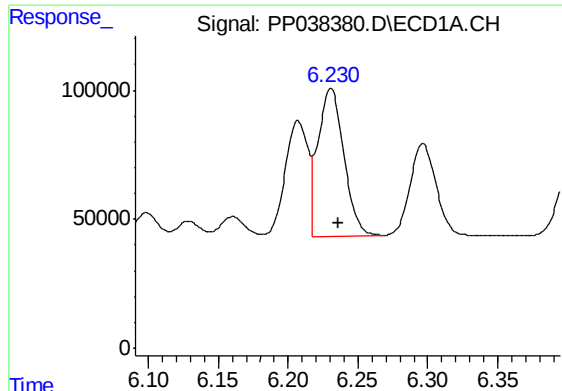
#16 AR-1242-1

R.T.: 6.207 min  
Delta R.T.: -0.005 min  
Response: 514407  
Conc: 454.45 ng/ml



#16 AR-1242-1

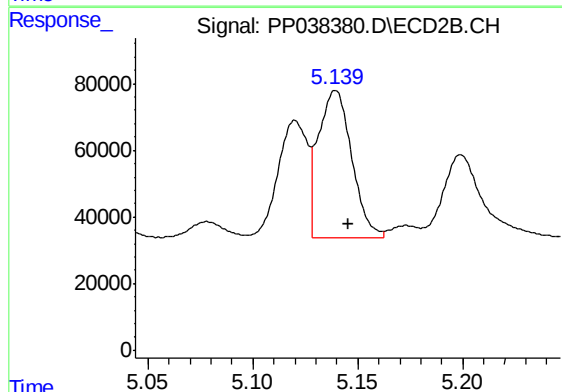
R.T.: 5.120 min  
Delta R.T.: -0.006 min  
Response: 343966  
Conc: 477.33 ng/ml



#17 AR-1242-2

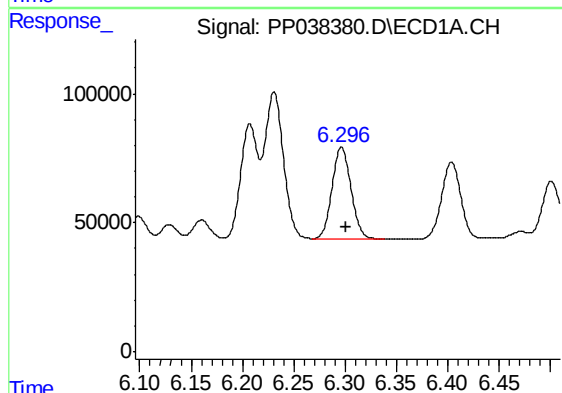
R.T.: 6.231 min  
Delta R.T.: -0.005 min  
Response: 740583  
Conc: 460.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



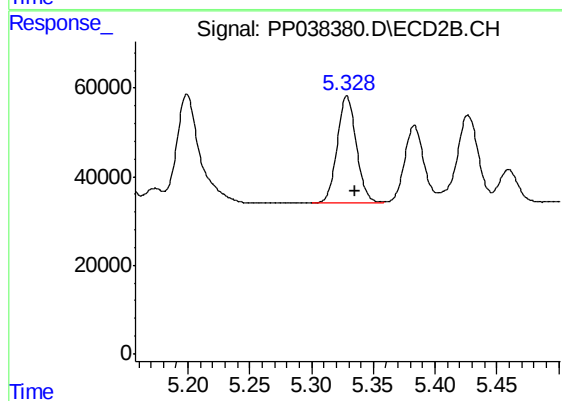
#17 AR-1242-2

R.T.: 5.139 min  
Delta R.T.: -0.006 min  
Response: 485894  
Conc: 486.14 ng/ml



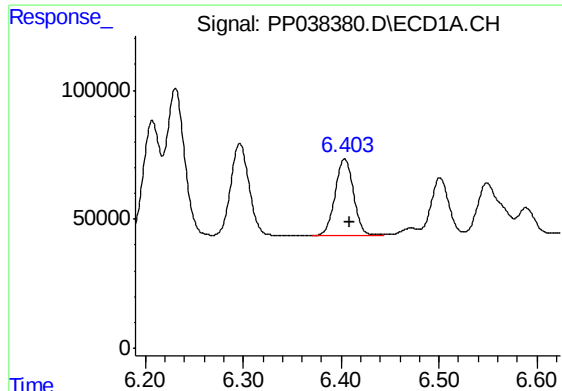
#18 AR-1242-3

R.T.: 6.297 min  
Delta R.T.: -0.005 min  
Response: 465176  
Conc: 454.38 ng/ml



#18 AR-1242-3

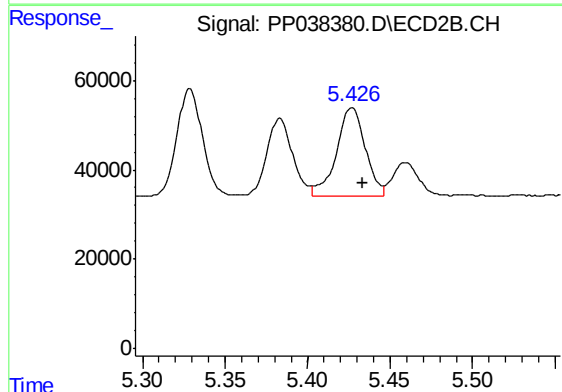
R.T.: 5.329 min  
Delta R.T.: -0.007 min  
Response: 261672  
Conc: 473.01 ng/ml



#19 AR-1242-4

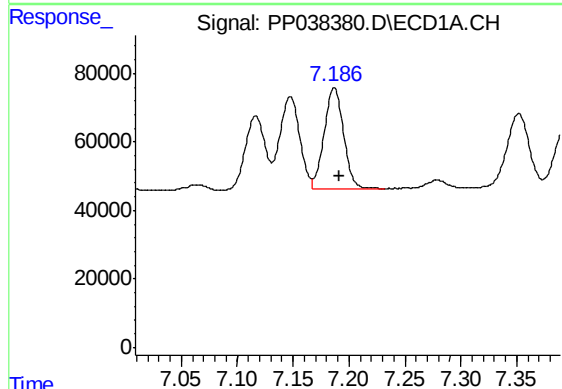
R.T.: 6.404 min  
Delta R.T.: -0.005 min  
Response: 383888  
Conc: 468.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



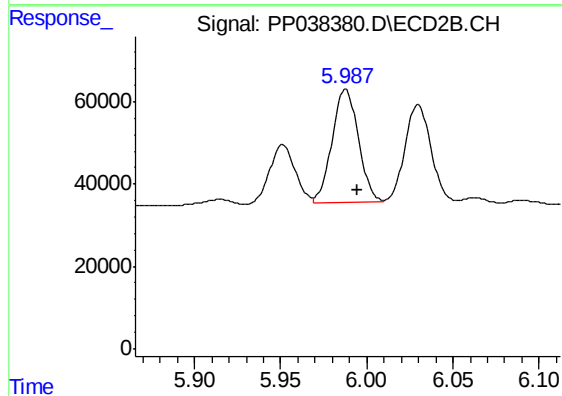
#19 AR-1242-4

R.T.: 5.427 min  
Delta R.T.: -0.007 min  
Response: 240089  
Conc: 456.98 ng/ml



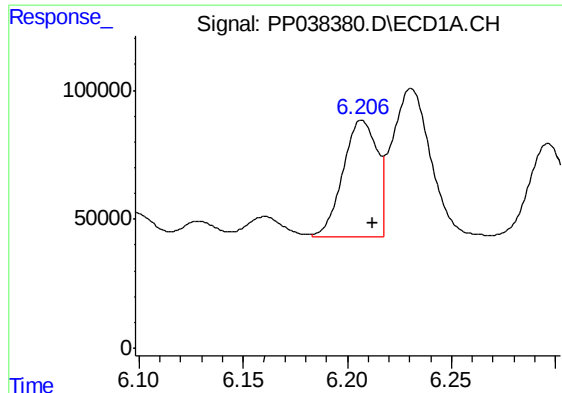
#20 AR-1242-5

R.T.: 7.187 min  
Delta R.T.: -0.005 min  
Response: 356583  
Conc: 432.43 ng/ml



#20 AR-1242-5

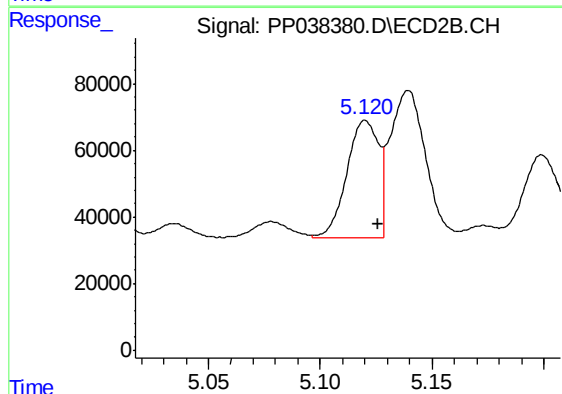
R.T.: 5.988 min  
Delta R.T.: -0.007 min  
Response: 295078  
Conc: 456.67 ng/ml



#21 AR-1248-1

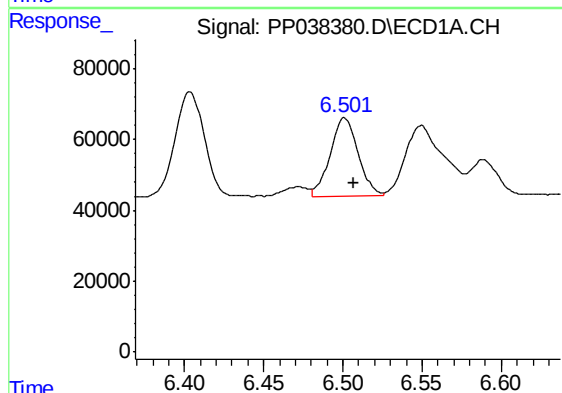
R.T.: 6.207 min  
Delta R.T.: -0.005 min  
Response: 514407  
Conc: 605.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



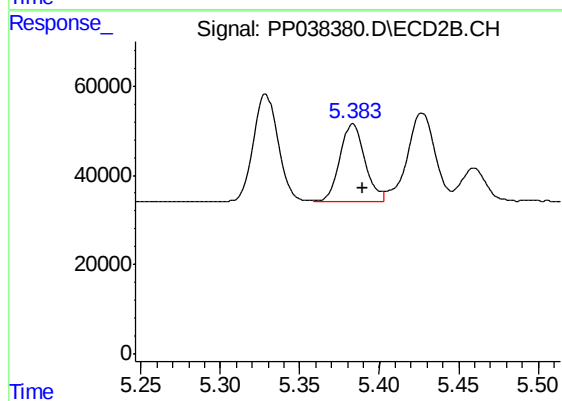
#21 AR-1248-1

R.T.: 5.120 min  
Delta R.T.: -0.006 min  
Response: 343966  
Conc: 649.95 ng/ml



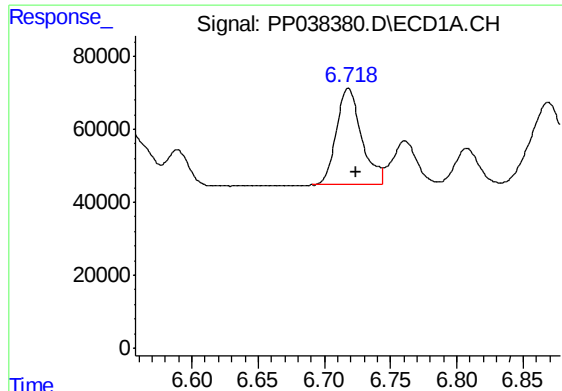
#22 AR-1248-2

R.T.: 6.501 min  
Delta R.T.: -0.005 min  
Response: 274173  
Conc: 253.61 ng/ml



#22 AR-1248-2

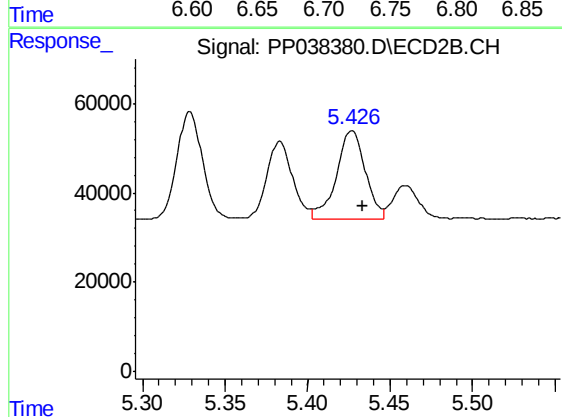
R.T.: 5.383 min  
Delta R.T.: -0.006 min  
Response: 189862  
Conc: 255.64 ng/ml



#23 AR-1248-3

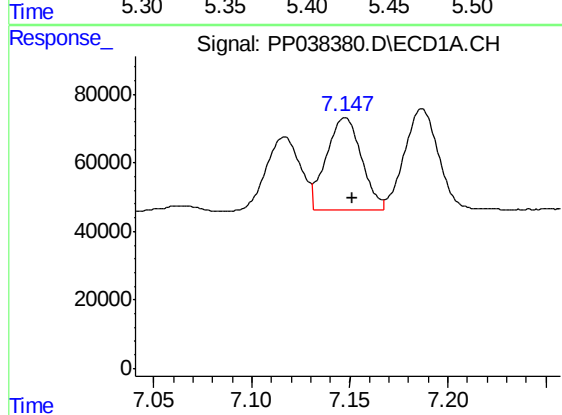
R.T.: 6.718 min  
Delta R.T.: -0.006 min  
Response: 351437  
Conc: 275.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



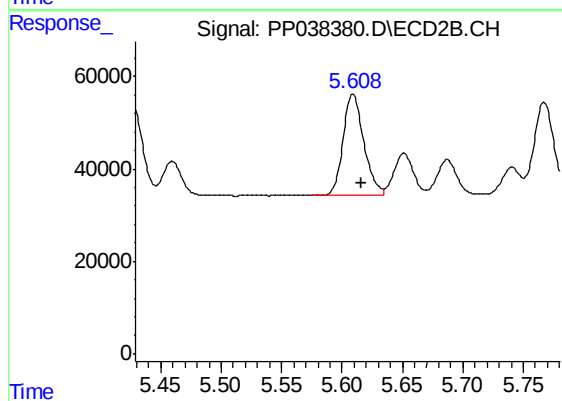
#23 AR-1248-3

R.T.: 5.427 min  
Delta R.T.: -0.007 min  
Response: 240089  
Conc: 305.13 ng/ml



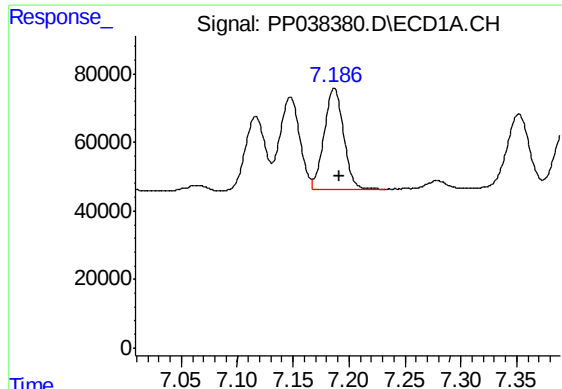
#24 AR-1248-4

R.T.: 7.148 min  
Delta R.T.: -0.004 min  
Response: 338406  
Conc: 250.65 ng/ml



#24 AR-1248-4

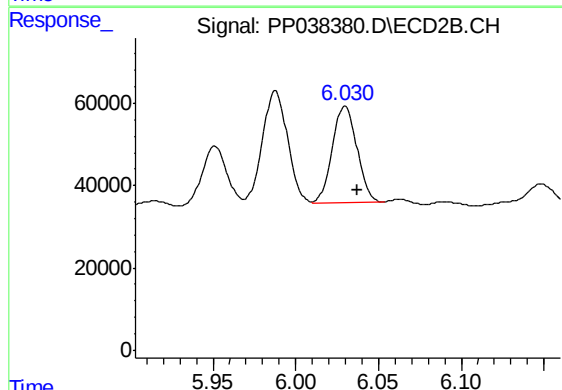
R.T.: 5.609 min  
Delta R.T.: -0.007 min  
Response: 260120  
Conc: 282.26 ng/ml



#25 AR-1248-5

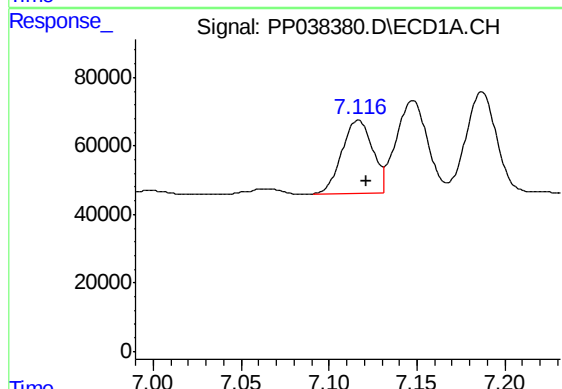
R.T.: 7.187 min  
Delta R.T.: -0.005 min  
Response: 356583  
Conc: 269.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



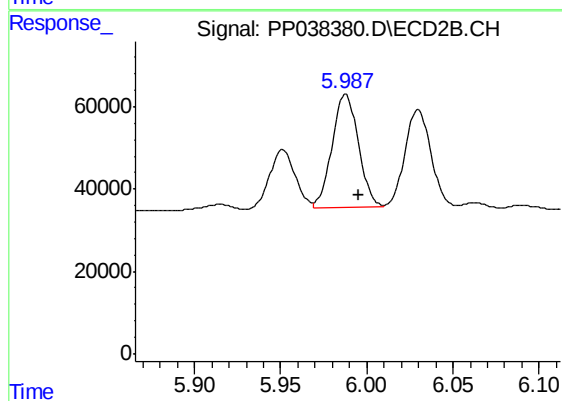
#25 AR-1248-5

R.T.: 6.030 min  
Delta R.T.: -0.008 min  
Response: 245470  
Conc: 260.74 ng/ml



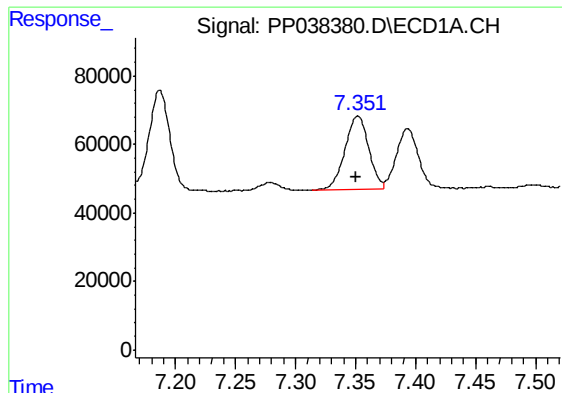
#26 AR-1254-1

R.T.: 7.117 min  
Delta R.T.: -0.005 min  
Response: 262172  
Conc: 201.21 ng/ml



#26 AR-1254-1

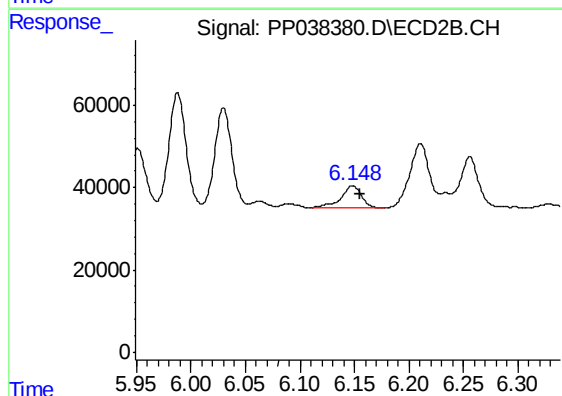
R.T.: 5.988 min  
Delta R.T.: -0.008 min  
Response: 295078  
Conc: 220.56 ng/ml



#27 AR-1254-2

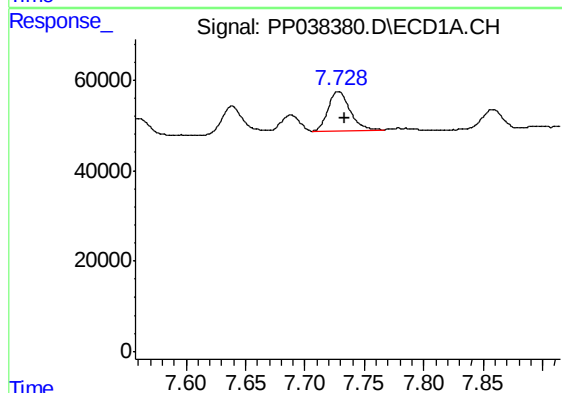
R.T.: 7.352 min  
Delta R.T.: 0.000 min  
Response: 299645  
Conc: 158.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



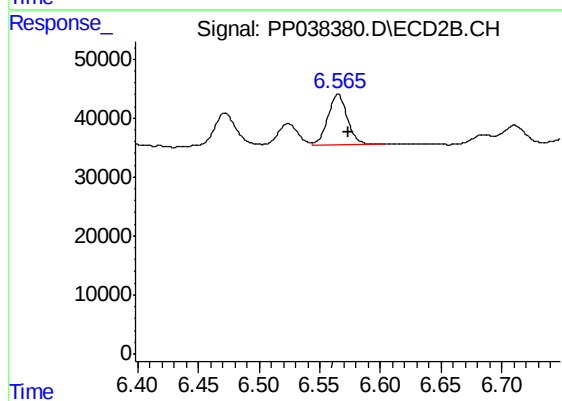
#27 AR-1254-2

R.T.: 6.148 min  
Delta R.T.: -0.007 min  
Response: 69150  
Conc: 60.34 ng/ml



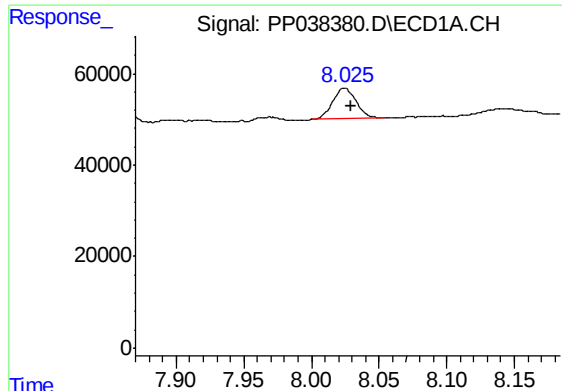
#28 AR-1254-3

R.T.: 7.728 min  
Delta R.T.: -0.005 min  
Response: 113828  
Conc: 57.37 ng/ml



#28 AR-1254-3

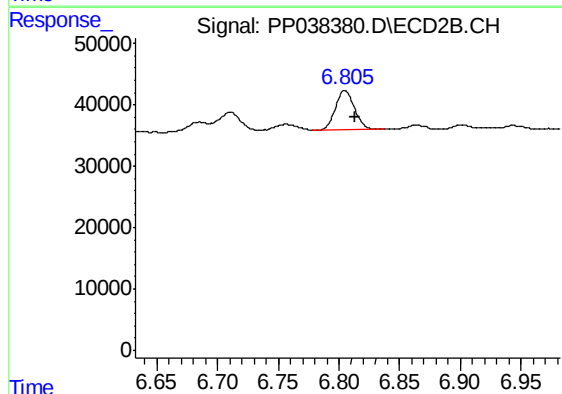
R.T.: 6.565 min  
Delta R.T.: -0.008 min  
Response: 96185  
Conc: 50.95 ng/ml



#29 AR-1254-4

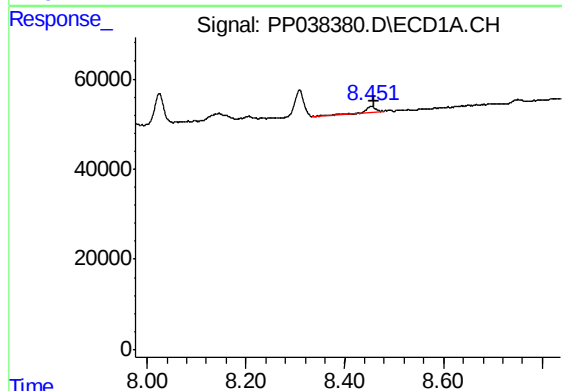
R.T.: 8.025 min  
Delta R.T.: -0.005 min  
Response: 81030  
Conc: 56.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



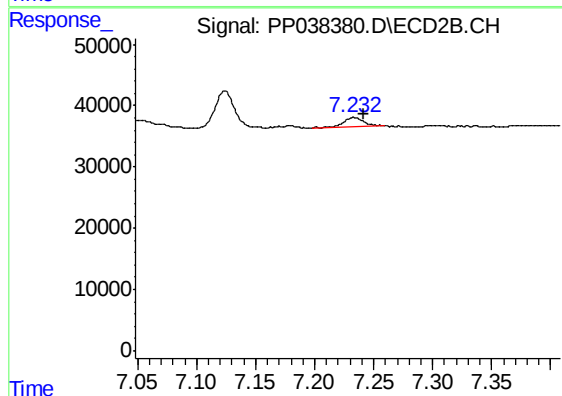
#29 AR-1254-4

R.T.: 6.805 min  
Delta R.T.: -0.009 min  
Response: 69753  
Conc: 57.93 ng/ml



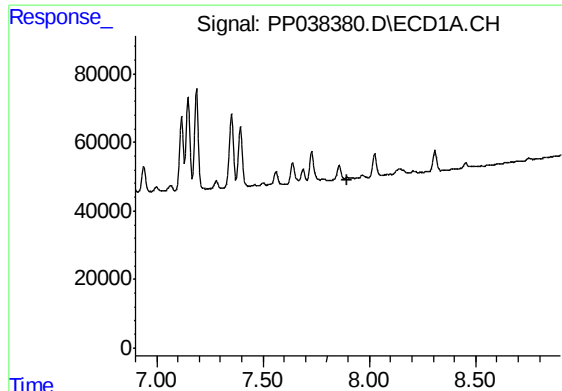
#30 AR-1254-5

R.T.: 8.454 min  
Delta R.T.: -0.005 min  
Response: 14659  
Conc: 10.09 ng/ml



#30 AR-1254-5

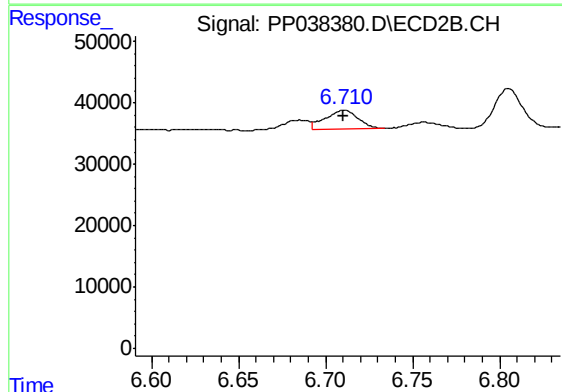
R.T.: 7.233 min  
Delta R.T.: -0.009 min  
Response: 15427  
Conc: 9.35 ng/ml



#31 AR-1260-1

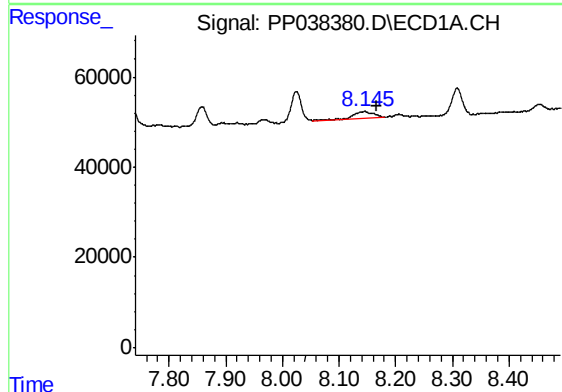
R.T.: 0.000 min  
Exp R.T. : 7.899 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



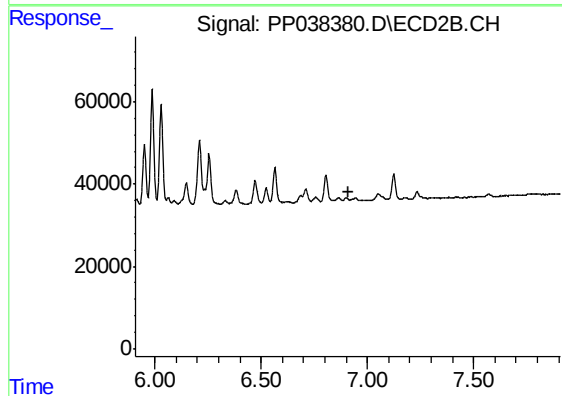
#31 AR-1260-1

R.T.: 6.710 min  
Delta R.T.: 0.000 min  
Response: 40862  
Conc: 31.38 ng/ml



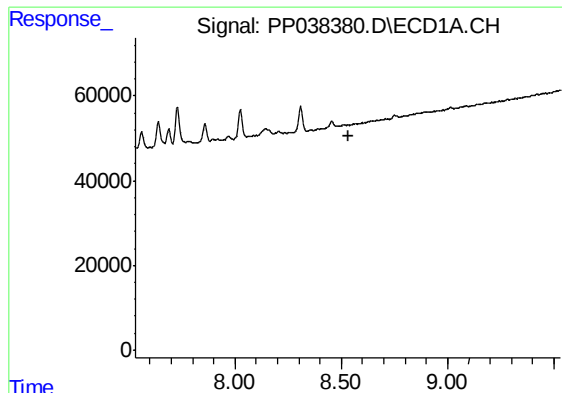
#32 AR-1260-2

R.T.: 8.145 min  
Delta R.T.: -0.021 min  
Response: 38835  
Conc: 22.56 ng/ml



#32 AR-1260-2

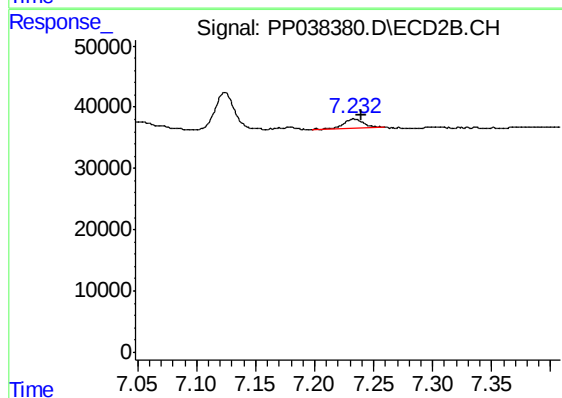
R.T.: 0.000 min  
Exp R.T. : 6.909 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 8.531 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



#36 AR-1262-1

R.T.: 7.233 min  
Delta R.T.: -0.007 min  
Response: 15427  
Conc: 16.88 ng/ml