

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP081021\  
 Data File : PP038188.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Aug 2021 13:56  
 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 11 02:32:49 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... | 4.892  | 3.879  | 2165038 | 1304656 | 48.717  | 50.655   |
| 2)                          | SA Decachlor... | 10.879 | 9.145  | 1111706 | 1243099 | 48.869  | 48.046   |
| Target Compounds            |                 |        |        |         |         |         |          |
| 3)                          | L1 AR-1016-1    | 6.209  | 5.123  | 516472  | 344888  | 347.770 | 357.065  |
| 4)                          | L1 AR-1016-2    | 6.233  | 5.143  | 740237  | 480922  | 347.575 | 358.979  |
| 5)                          | L1 AR-1016-3    | 6.298  | 5.332  | 469122  | 263179  | 353.015 | 357.714  |
| 6)                          | L1 AR-1016-4    | 6.406  | 5.387  | 383253  | 190534  | 352.993 | 335.421  |
| 7)                          | L1 AR-1016-5    | 6.720  | 5.613  | 360299  | 260535  | 359.283 | 339.534  |
| 8)                          | L2 AR-1221-1    | 5.136  | 4.132  | 63840   | 35126   | 117.779 | 116.772  |
| 9)                          | L2 AR-1221-2    | 5.241  | 4.231  | 89043   | 55653   | 220.340 | 236.462  |
| 10)                         | L2 AR-1221-3    | 5.328  | 4.318  | 330394  | 206538  | 274.267 | 280.082  |
| 11)                         | L3 AR-1232-1    | 5.328  | 4.318  | 330394  | 206538  | 298.729 | 304.668  |
| 12)                         | L3 AR-1232-2    | 5.915  | 5.143  | 405531  | 480922  | 743.268 | 789.848  |
| 13)                         | L3 AR-1232-3    | 6.233  | 5.332  | 740237  | 263179  | 752.098 | 810.381  |
| 14)                         | L3 AR-1232-4    | 6.406  | 5.431  | 383253  | 248009  | 767.006 | 839.496  |
| 15)                         | L3 AR-1232-5    | 6.504  | 5.613  | 275673  | 260535  | 867.759 | 703.006  |
| 16)                         | L4 AR-1242-1    | 6.209  | 5.123  | 516472  | 344888  | 456.272 | 478.607  |
| 17)                         | L4 AR-1242-2    | 6.233  | 5.143  | 740237  | 480922  | 460.052 | 481.165  |
| 18)                         | L4 AR-1242-3    | 6.298  | 5.332  | 469122  | 263179  | 458.237 | 475.733  |
| 19)                         | L4 AR-1242-4    | 6.406  | 5.431  | 383253  | 248009  | 467.260 | 472.055  |
| 20)                         | L4 AR-1242-5    | 7.188  | 5.992  | 370583  | 321985  | 449.404 | 498.308  |
| 21)                         | L5 AR-1248-1    | 6.209  | 5.123  | 516472  | 344888  | 607.848 | 651.687  |
| 22)                         | L5 AR-1248-2    | 6.504  | 5.387  | 275673  | 190534  | 254.996 | 256.543  |
| 23)                         | L5 AR-1248-3    | 6.720  | 5.431  | 360299  | 248009  | 282.727 | 315.192  |
| 24)                         | L5 AR-1248-4    | 7.149  | 5.613  | 351526  | 260535  | 260.363 | 282.713  |
| 25)                         | L5 AR-1248-5    | 7.188  | 6.034  | 370583  | 280818  | 280.301 | 298.287  |
| 26)                         | L6 AR-1254-1    | 7.118  | 5.992  | 286383  | 321985  | 219.786 | 240.672  |
| 27)                         | L6 AR-1254-2    | 7.353  | 6.152  | 306747  | 93563   | 162.182 | 81.636 # |
| 28)                         | L6 AR-1254-3    | 7.729  | 6.570  | 123065  | 108736  | 62.031  | 57.597   |
| 29)                         | L6 AR-1254-4    | 8.025  | 6.809  | 87202   | 76802   | 60.763  | 63.788   |
| 30)                         | L6 AR-1254-5    | 8.454  | 7.237  | 17808   | 21461   | 12.254  | 13.005   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.714  | 0       | 45104   | N.D.    | 34.642 # |
| 32)                         | L7 AR-1260-2    | 8.144f | 6.907  | 49395   | 12625   | 28.691  | 8.114 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.058  | 0       | 24851   | N.D.    | 16.326 # |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.573f | 0       | 9433    | N.D.    | 7.711 #  |
| 35)                         | L7 AR-1260-5    | 9.077  | 7.766f | 8871    | 3766    | 3.341   | 1.290 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.237  | 0       | 21461   | N.D.    | 23.480 # |
| 37)                         | L8 AR-1262-2    | 9.077  | 7.766f | 8871    | 3766    | 3.121   | 1.217 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.909  | 0       | 8364    | N.D.    | 0.881 #  |
| -----                       |                 |        |        |         |         |         |          |

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

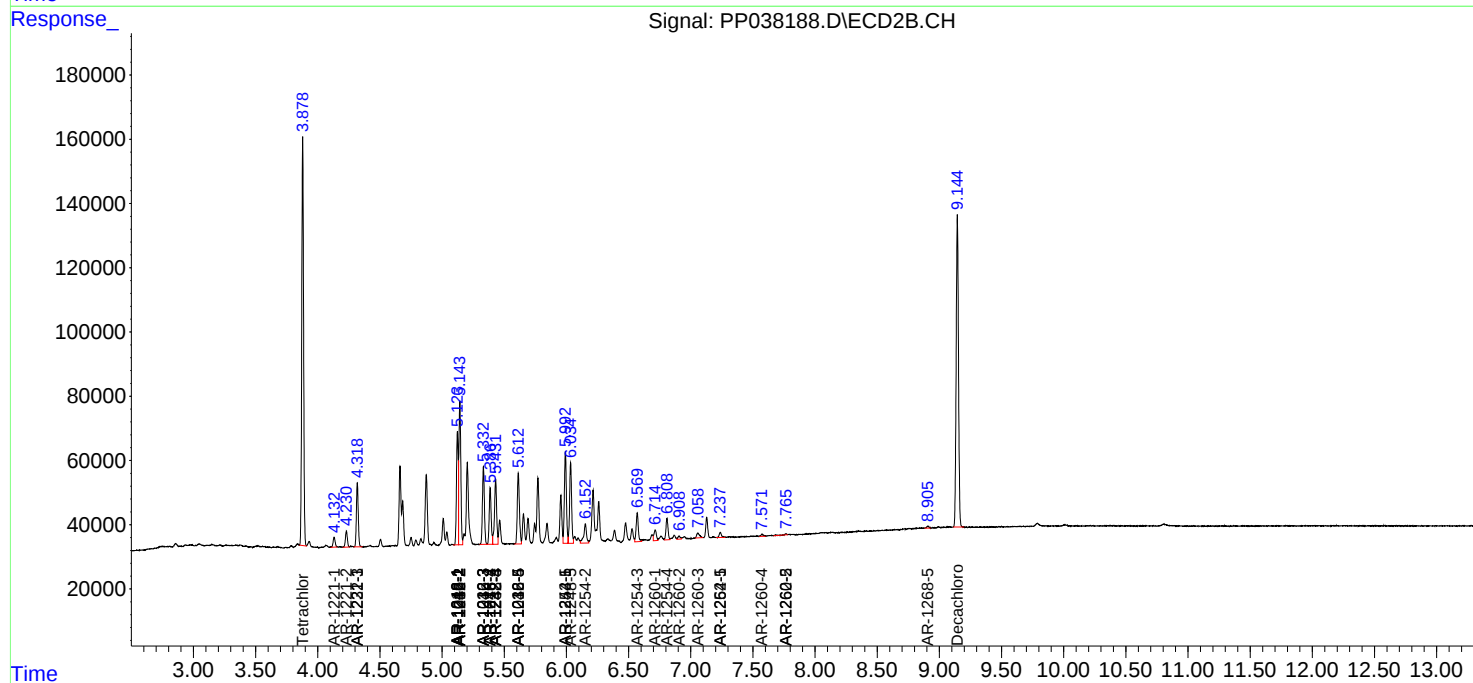
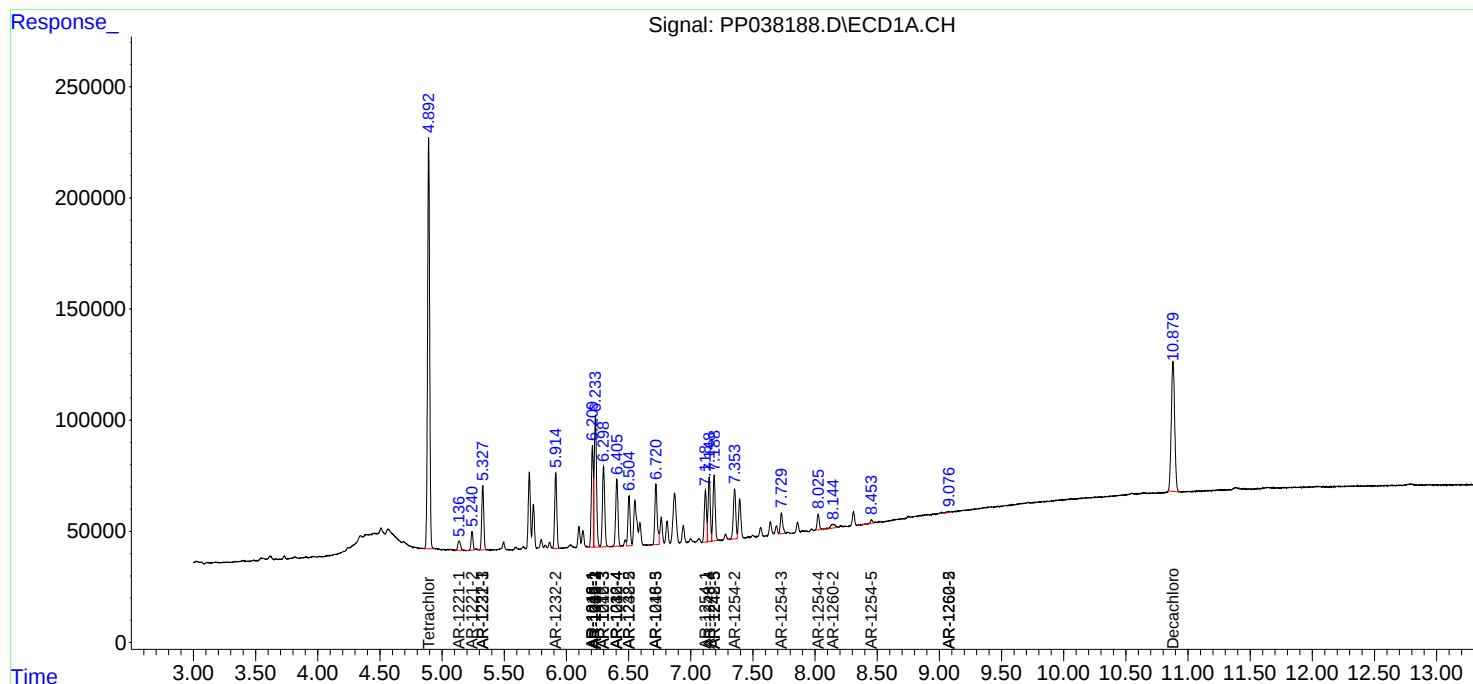
Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500

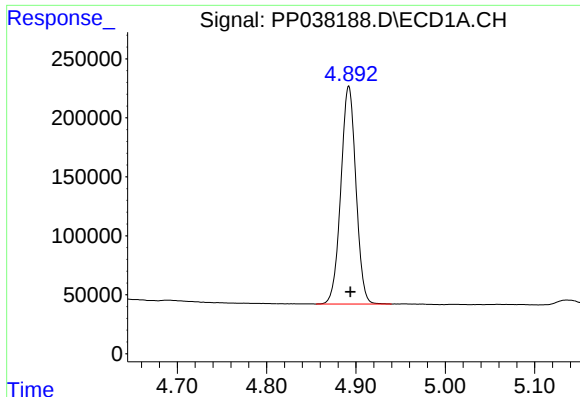
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP081021\  
Data File : PP038188.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Aug 2021 13:56  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 11 02:32:49 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

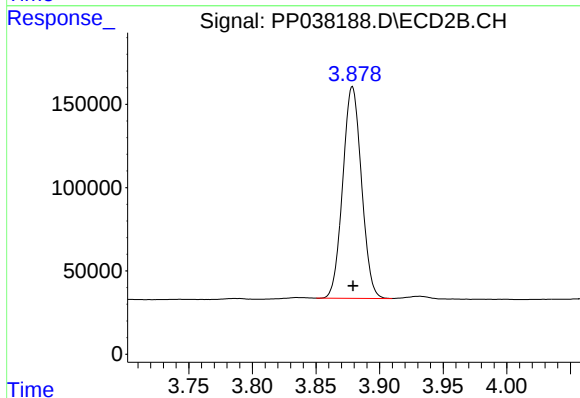




#1 Tetrachloro-m-xylene

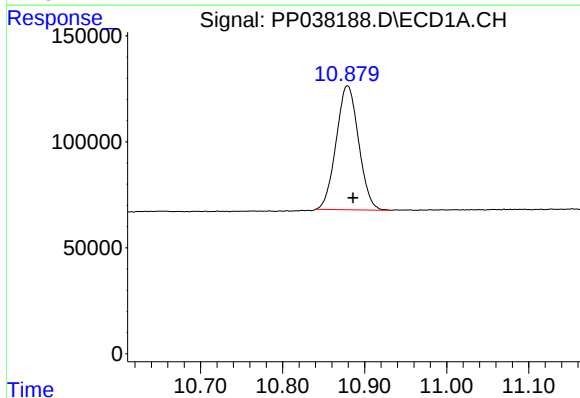
R.T.: 4.892 min  
Delta R.T.: -0.002 min  
Response: 2165038  
Conc: 48.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



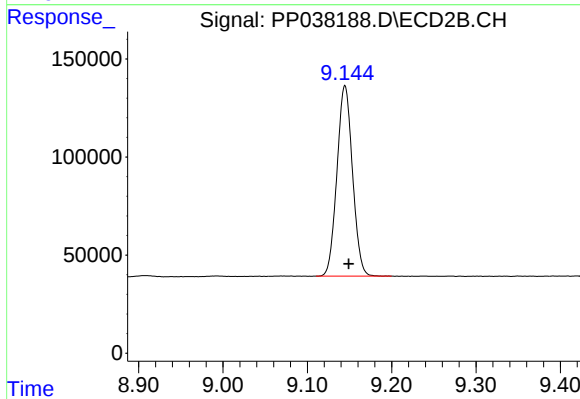
#1 Tetrachloro-m-xylene

R.T.: 3.879 min  
Delta R.T.: 0.000 min  
Response: 1304656  
Conc: 50.66 ng/ml



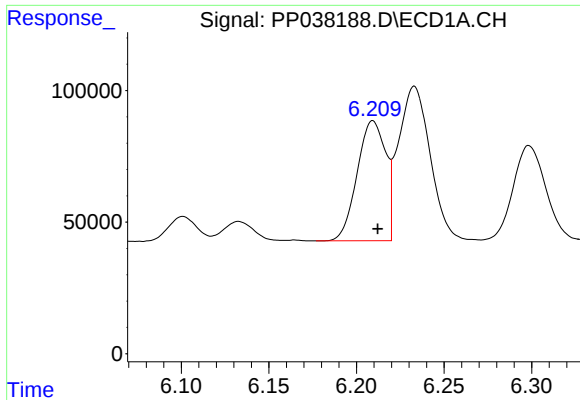
#2 Decachlorobiphenyl

R.T.: 10.879 min  
Delta R.T.: -0.007 min  
Response: 1111706  
Conc: 48.87 ng/ml



#2 Decachlorobiphenyl

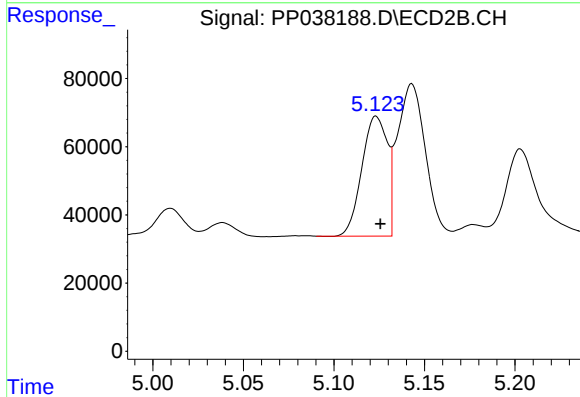
R.T.: 9.145 min  
Delta R.T.: -0.004 min  
Response: 1243099  
Conc: 48.05 ng/ml



#3 AR-1016-1

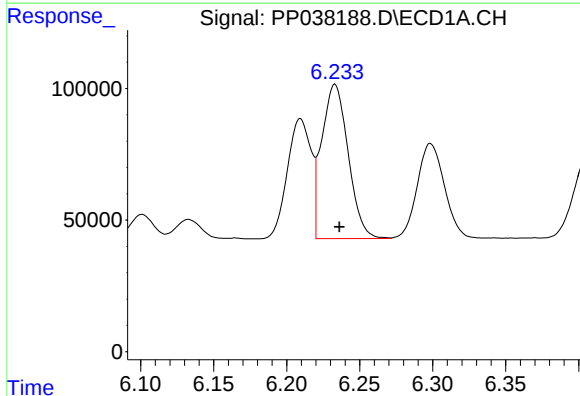
R.T.: 6.209 min  
Delta R.T.: -0.003 min  
Response: 516472  
Conc: 347.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



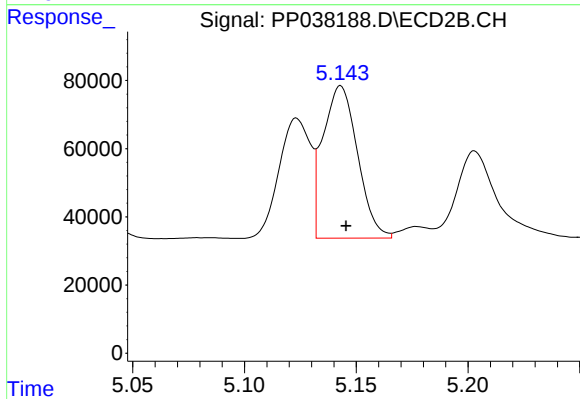
#3 AR-1016-1

R.T.: 5.123 min  
Delta R.T.: -0.002 min  
Response: 344888  
Conc: 357.06 ng/ml



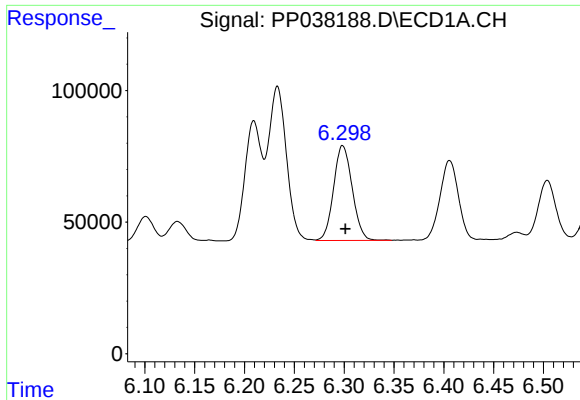
#4 AR-1016-2

R.T.: 6.233 min  
Delta R.T.: -0.003 min  
Response: 740237  
Conc: 347.57 ng/ml



#4 AR-1016-2

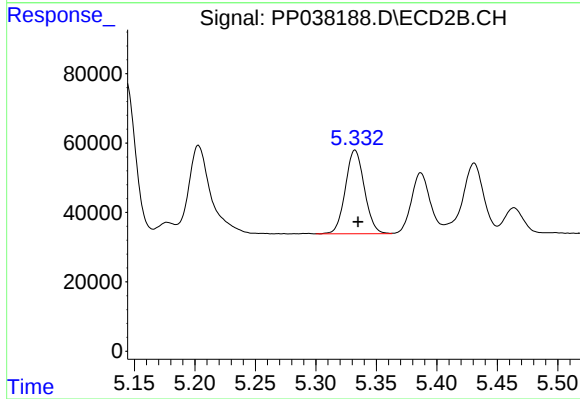
R.T.: 5.143 min  
Delta R.T.: -0.002 min  
Response: 480922  
Conc: 358.98 ng/ml



#5 AR-1016-3

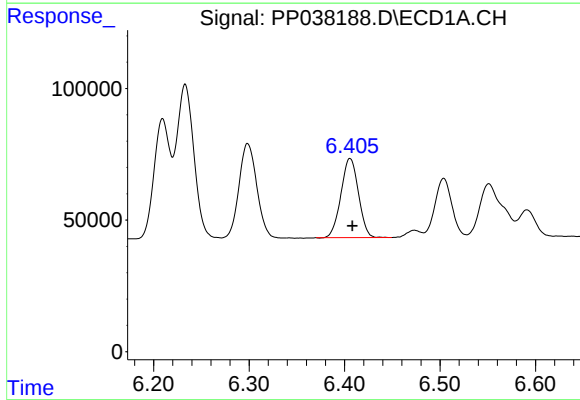
R.T.: 6.298 min  
Delta R.T.: -0.003 min  
Response: 469122  
Conc: 353.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



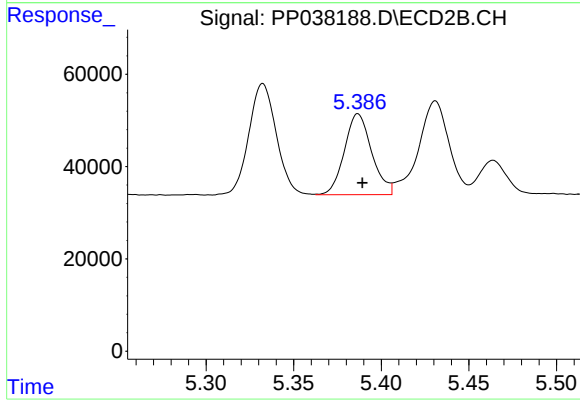
#5 AR-1016-3

R.T.: 5.332 min  
Delta R.T.: -0.002 min  
Response: 263179  
Conc: 357.71 ng/ml



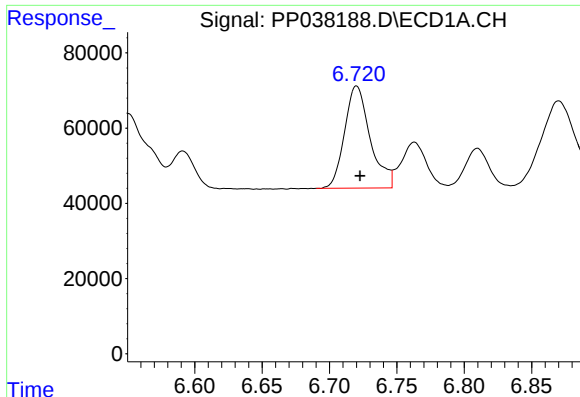
#6 AR-1016-4

R.T.: 6.406 min  
Delta R.T.: -0.002 min  
Response: 383253  
Conc: 352.99 ng/ml



#6 AR-1016-4

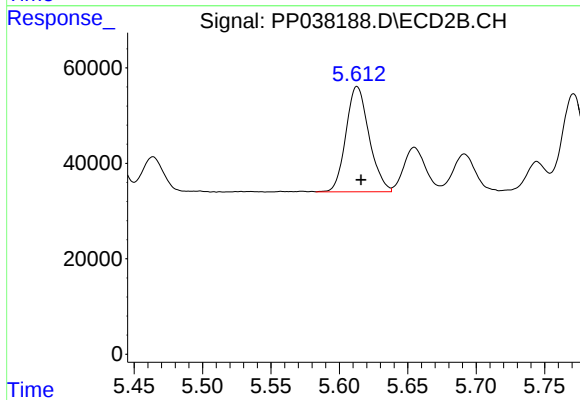
R.T.: 5.387 min  
Delta R.T.: -0.003 min  
Response: 190534  
Conc: 335.42 ng/ml



#7 AR-1016-5

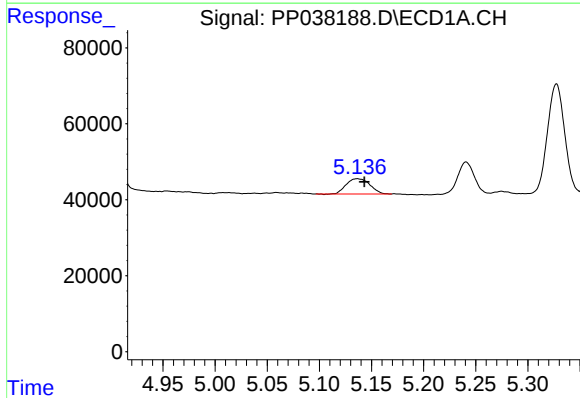
R.T.: 6.720 min  
Delta R.T.: -0.003 min  
Response: 360299  
Conc: 359.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



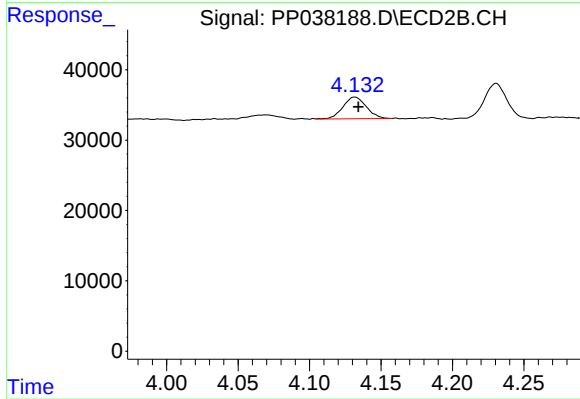
#7 AR-1016-5

R.T.: 5.613 min  
Delta R.T.: -0.003 min  
Response: 260535  
Conc: 339.53 ng/ml



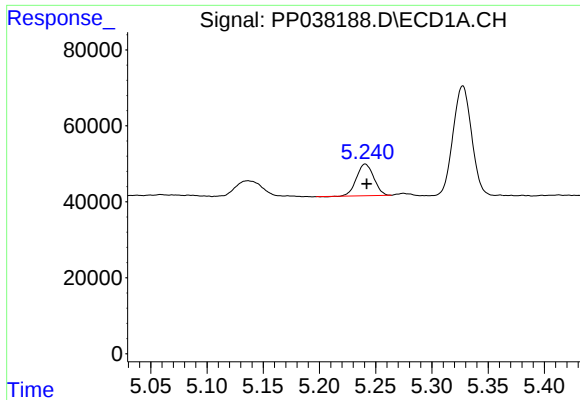
#8 AR-1221-1

R.T.: 5.136 min  
Delta R.T.: -0.007 min  
Response: 63840  
Conc: 117.78 ng/ml



#8 AR-1221-1

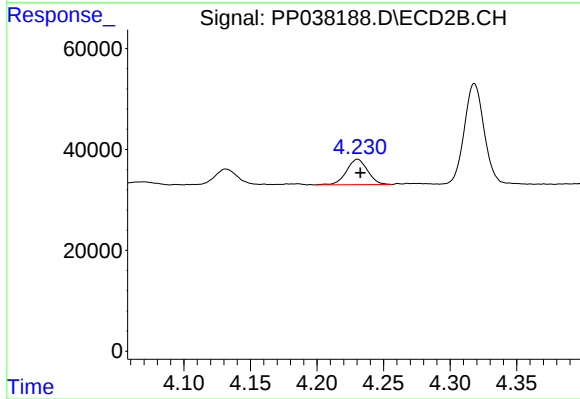
R.T.: 4.132 min  
Delta R.T.: -0.002 min  
Response: 35126  
Conc: 116.77 ng/ml



#9 AR-1221-2

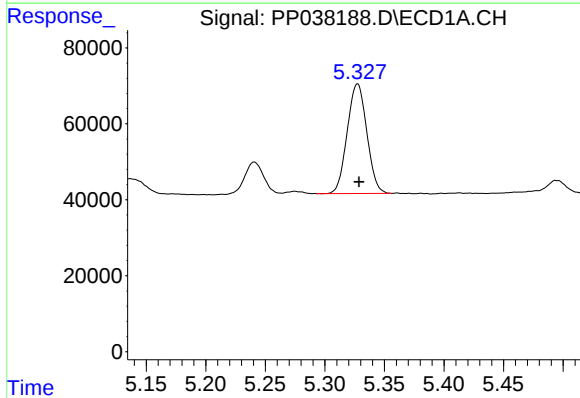
R.T.: 5.241 min  
Delta R.T.: -0.001 min  
Response: 89043  
Conc: 220.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



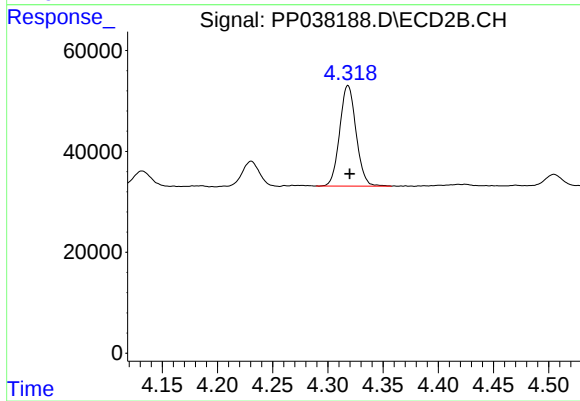
#9 AR-1221-2

R.T.: 4.231 min  
Delta R.T.: -0.002 min  
Response: 55653  
Conc: 236.46 ng/ml



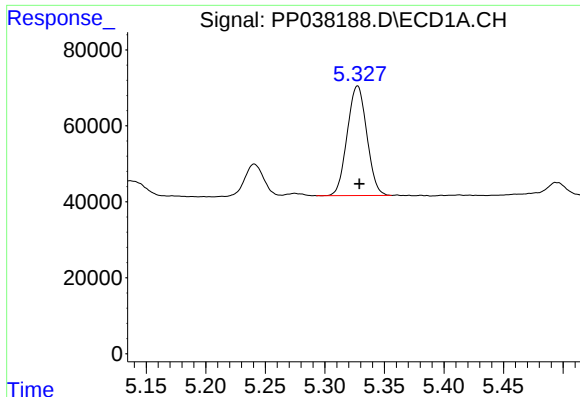
#10 AR-1221-3

R.T.: 5.328 min  
Delta R.T.: -0.001 min  
Response: 330394  
Conc: 274.27 ng/ml



#10 AR-1221-3

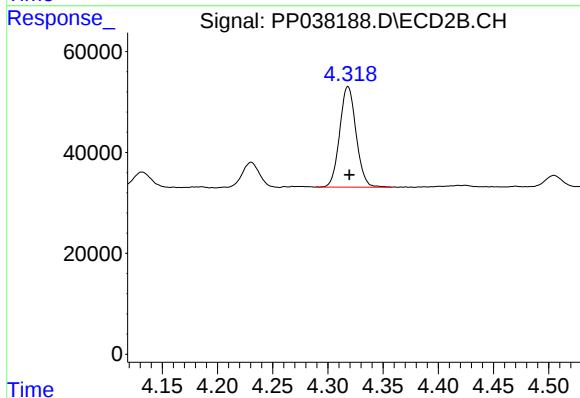
R.T.: 4.318 min  
Delta R.T.: -0.002 min  
Response: 206538  
Conc: 280.08 ng/ml



#11 AR-1232-1

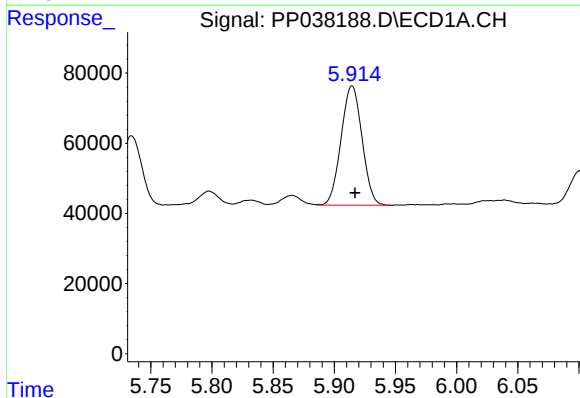
R.T.: 5.328 min  
Delta R.T.: -0.001 min  
Response: 330394  
Conc: 298.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



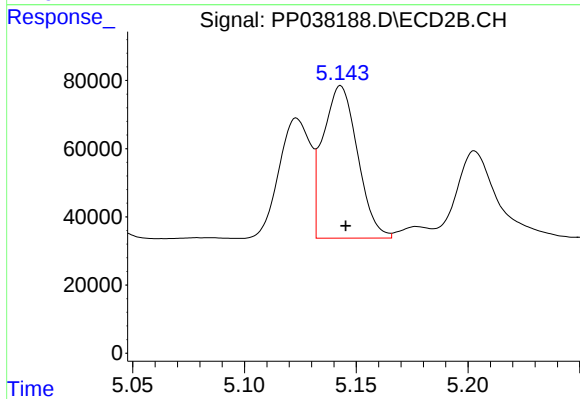
#11 AR-1232-1

R.T.: 4.318 min  
Delta R.T.: -0.001 min  
Response: 206538  
Conc: 304.67 ng/ml



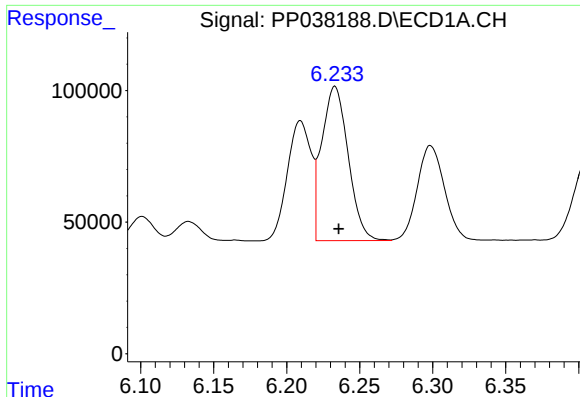
#12 AR-1232-2

R.T.: 5.915 min  
Delta R.T.: -0.002 min  
Response: 405531  
Conc: 743.27 ng/ml



#12 AR-1232-2

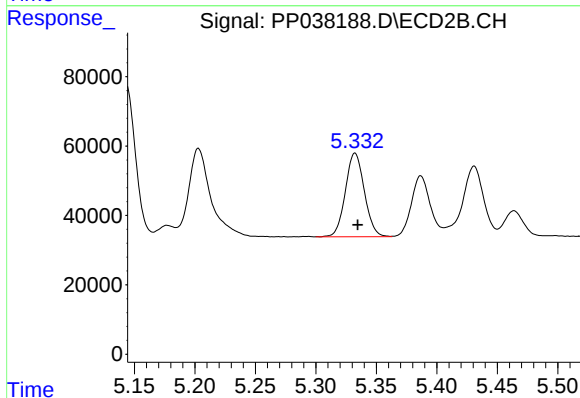
R.T.: 5.143 min  
Delta R.T.: -0.002 min  
Response: 480922  
Conc: 789.85 ng/ml



#13 AR-1232-3

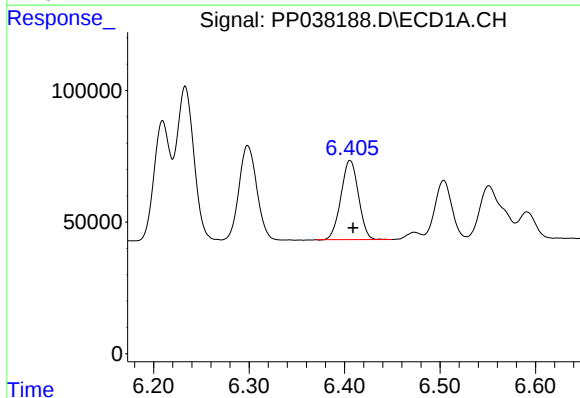
R.T.: 6.233 min  
Delta R.T.: -0.003 min  
Response: 740237  
Conc: 752.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



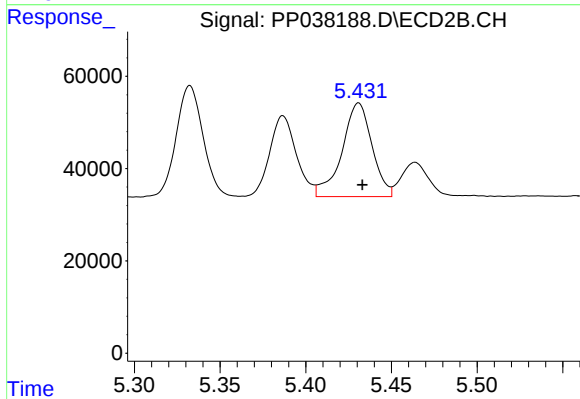
#13 AR-1232-3

R.T.: 5.332 min  
Delta R.T.: -0.002 min  
Response: 263179  
Conc: 810.38 ng/ml



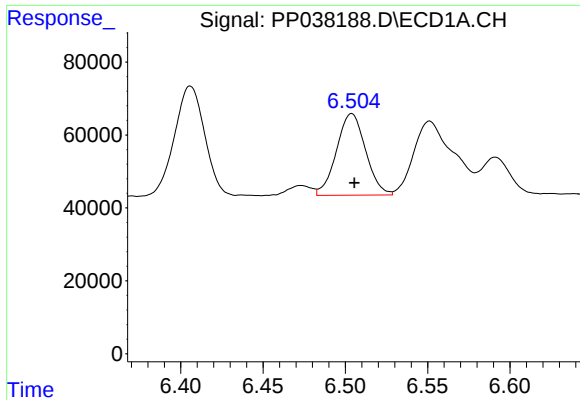
#14 AR-1232-4

R.T.: 6.406 min  
Delta R.T.: -0.003 min  
Response: 383253  
Conc: 767.01 ng/ml



#14 AR-1232-4

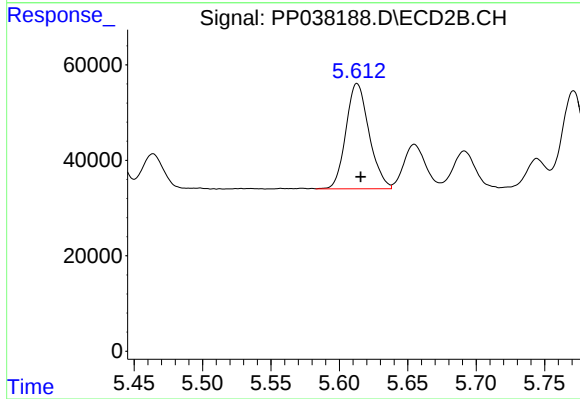
R.T.: 5.431 min  
Delta R.T.: -0.002 min  
Response: 248009  
Conc: 839.50 ng/ml



#15 AR-1232-5

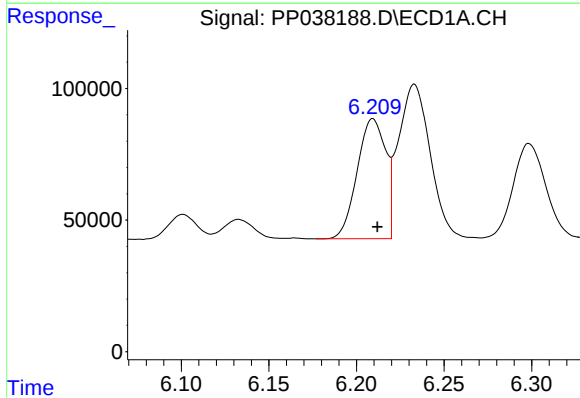
R.T.: 6.504 min  
Delta R.T.: -0.002 min  
Response: 275673  
Conc: 867.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



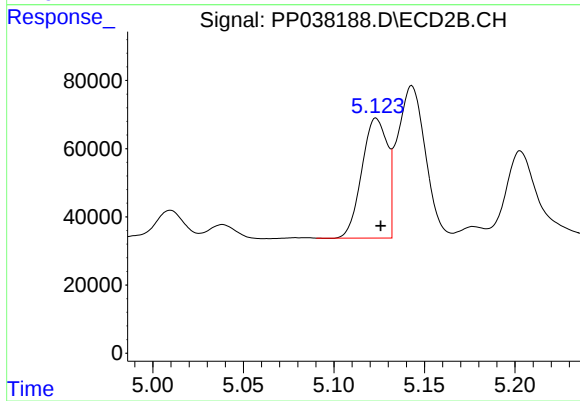
#15 AR-1232-5

R.T.: 5.613 min  
Delta R.T.: -0.003 min  
Response: 260535  
Conc: 703.01 ng/ml



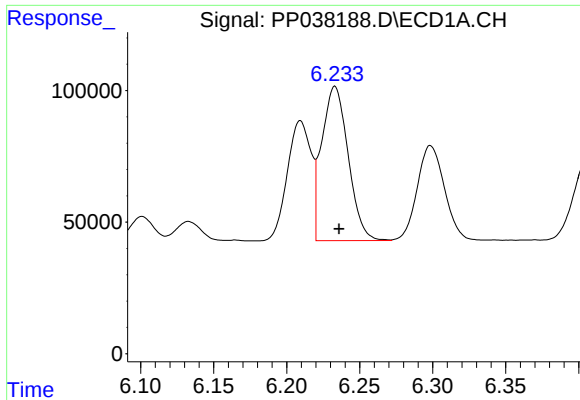
#16 AR-1242-1

R.T.: 6.209 min  
Delta R.T.: -0.003 min  
Response: 516472  
Conc: 456.27 ng/ml



#16 AR-1242-1

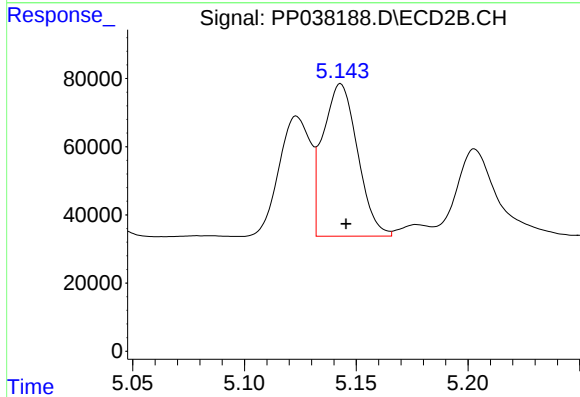
R.T.: 5.123 min  
Delta R.T.: -0.003 min  
Response: 344888  
Conc: 478.61 ng/ml



#17 AR-1242-2

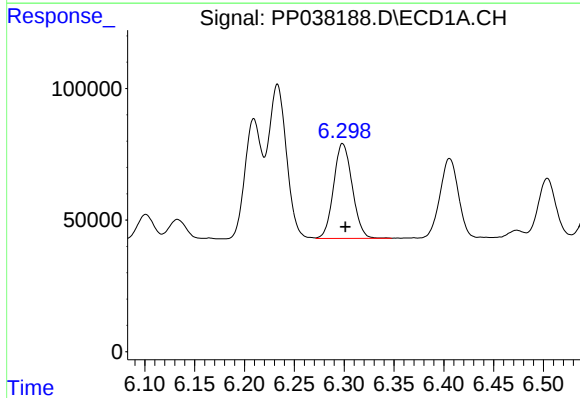
R.T.: 6.233 min  
Delta R.T.: -0.003 min  
Response: 740237  
Conc: 460.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



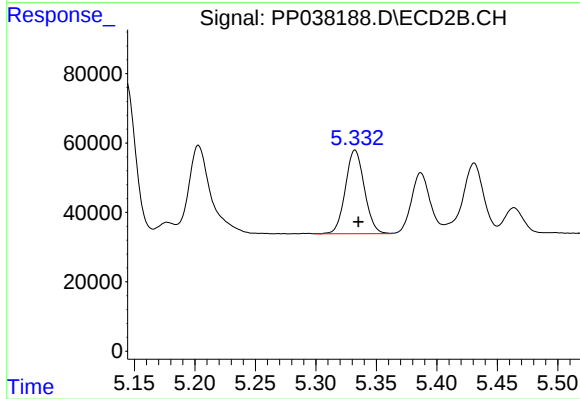
#17 AR-1242-2

R.T.: 5.143 min  
Delta R.T.: -0.002 min  
Response: 480922  
Conc: 481.16 ng/ml



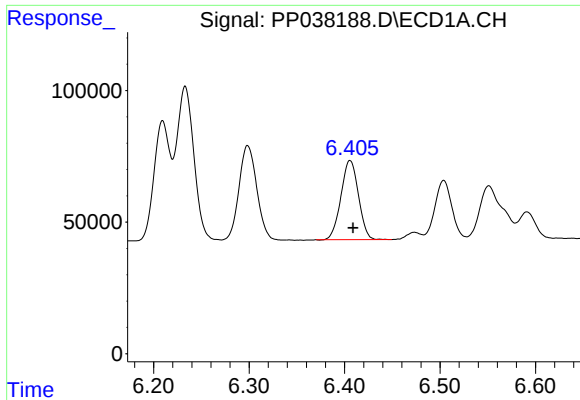
#18 AR-1242-3

R.T.: 6.298 min  
Delta R.T.: -0.003 min  
Response: 469122  
Conc: 458.24 ng/ml



#18 AR-1242-3

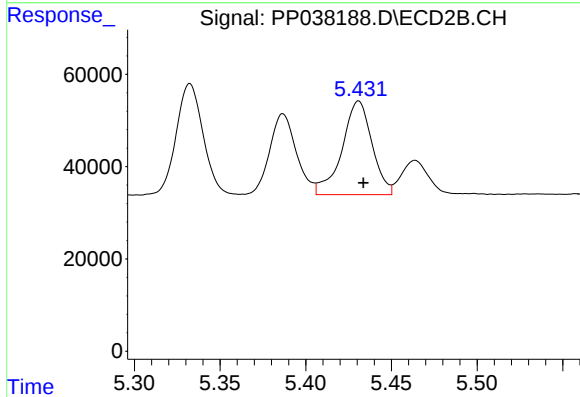
R.T.: 5.332 min  
Delta R.T.: -0.003 min  
Response: 263179  
Conc: 475.73 ng/ml



#19 AR-1242-4

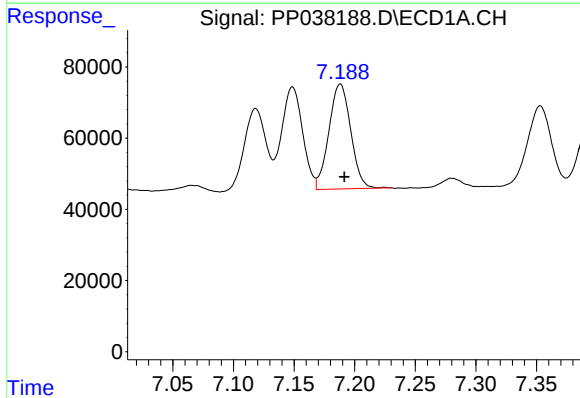
R.T.: 6.406 min  
Delta R.T.: -0.003 min  
Response: 383253  
Conc: 467.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



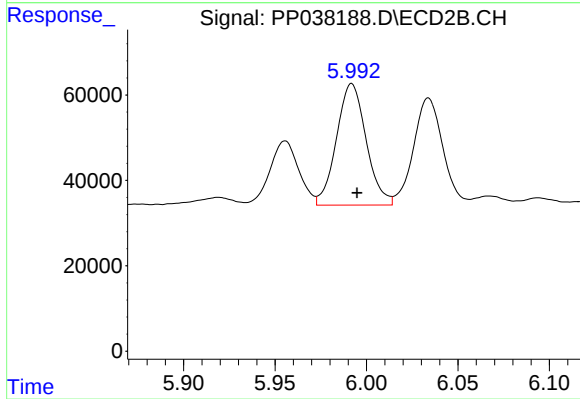
#19 AR-1242-4

R.T.: 5.431 min  
Delta R.T.: -0.003 min  
Response: 248009  
Conc: 472.06 ng/ml



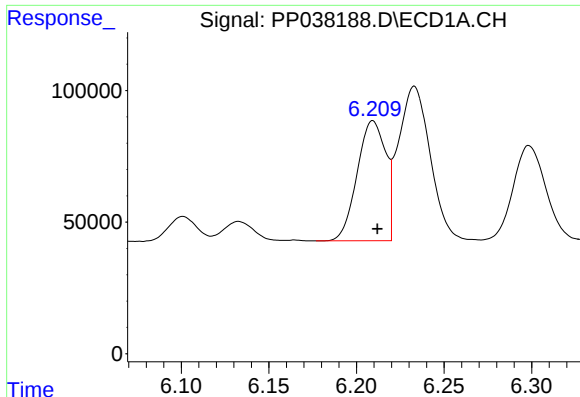
#20 AR-1242-5

R.T.: 7.188 min  
Delta R.T.: -0.003 min  
Response: 370583  
Conc: 449.40 ng/ml



#20 AR-1242-5

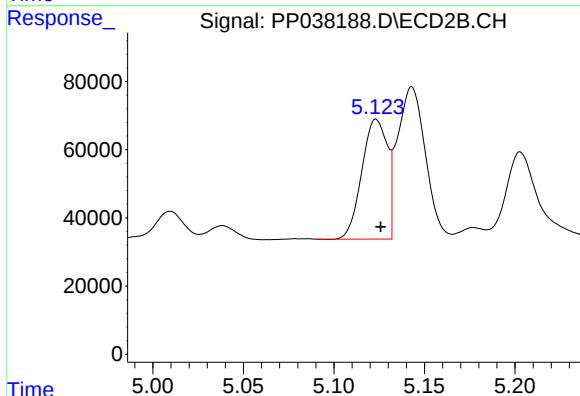
R.T.: 5.992 min  
Delta R.T.: -0.003 min  
Response: 321985  
Conc: 498.31 ng/ml



#21 AR-1248-1

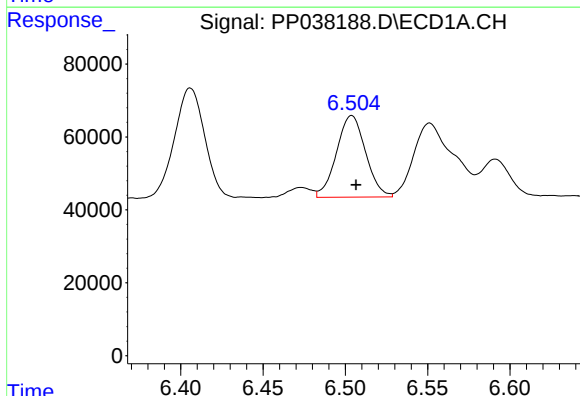
R.T.: 6.209 min  
Delta R.T.: -0.003 min  
Response: 516472  
Conc: 607.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



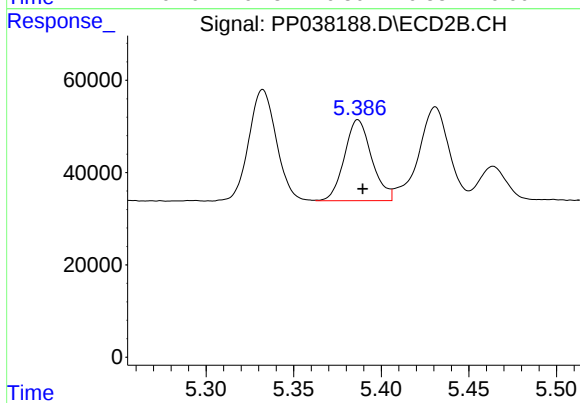
#21 AR-1248-1

R.T.: 5.123 min  
Delta R.T.: -0.003 min  
Response: 344888  
Conc: 651.69 ng/ml



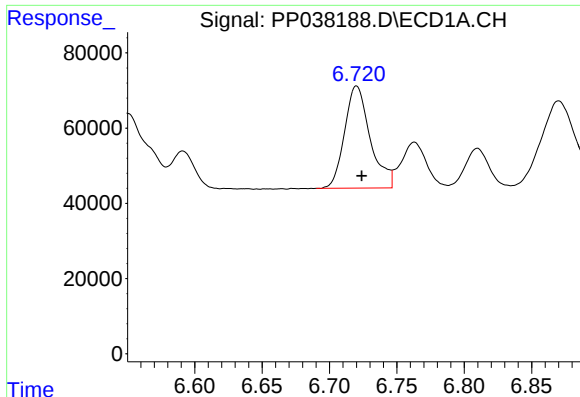
#22 AR-1248-2

R.T.: 6.504 min  
Delta R.T.: -0.003 min  
Response: 275673  
Conc: 255.00 ng/ml



#22 AR-1248-2

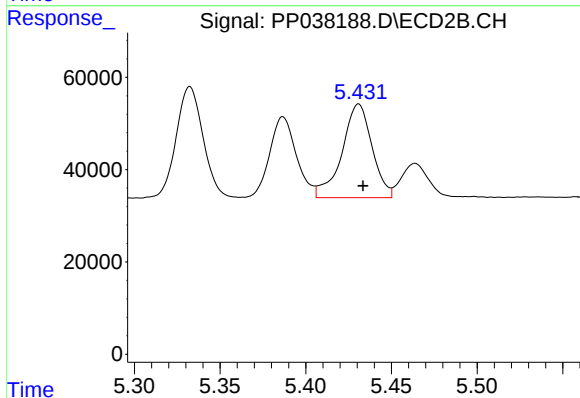
R.T.: 5.387 min  
Delta R.T.: -0.003 min  
Response: 190534  
Conc: 256.54 ng/ml



#23 AR-1248-3

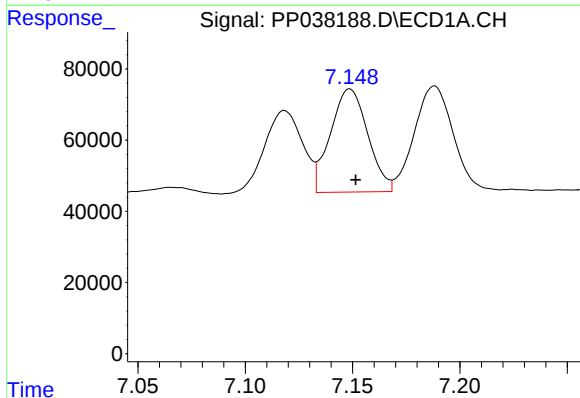
R.T.: 6.720 min  
Delta R.T.: -0.004 min  
Response: 360299  
Conc: 282.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



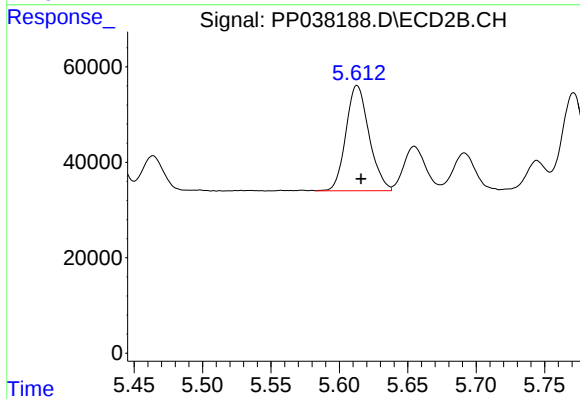
#23 AR-1248-3

R.T.: 5.431 min  
Delta R.T.: -0.003 min  
Response: 248009  
Conc: 315.19 ng/ml



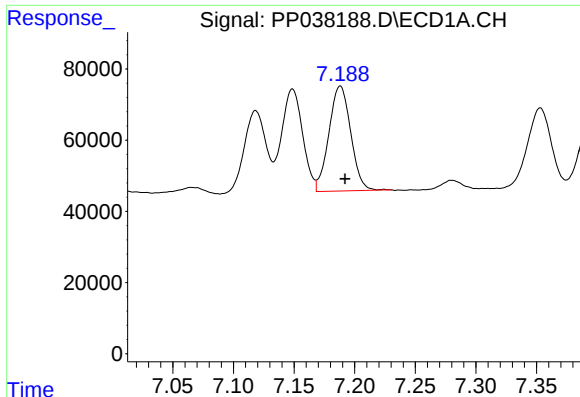
#24 AR-1248-4

R.T.: 7.149 min  
Delta R.T.: -0.003 min  
Response: 351526  
Conc: 260.36 ng/ml



#24 AR-1248-4

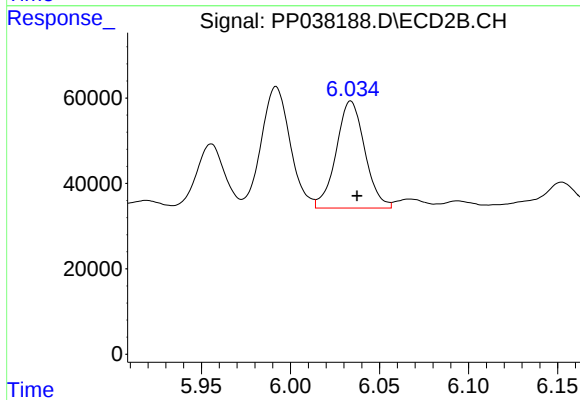
R.T.: 5.613 min  
Delta R.T.: -0.003 min  
Response: 260535  
Conc: 282.71 ng/ml



#25 AR-1248-5

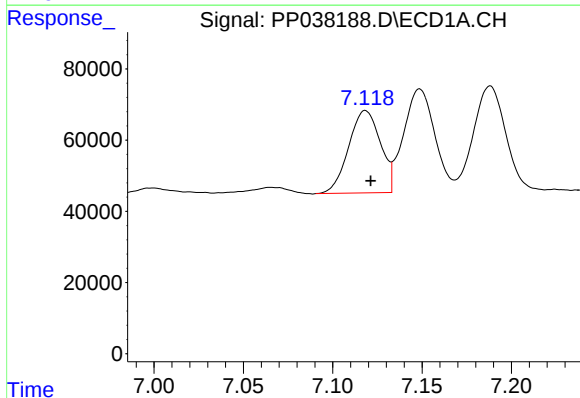
R.T.: 7.188 min  
Delta R.T.: -0.004 min  
Response: 370583  
Conc: 280.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



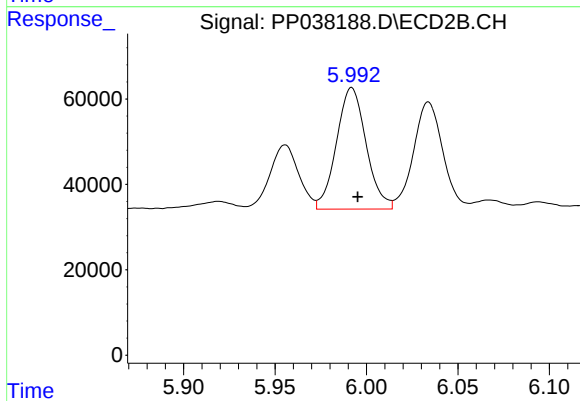
#25 AR-1248-5

R.T.: 6.034 min  
Delta R.T.: -0.004 min  
Response: 280818  
Conc: 298.29 ng/ml



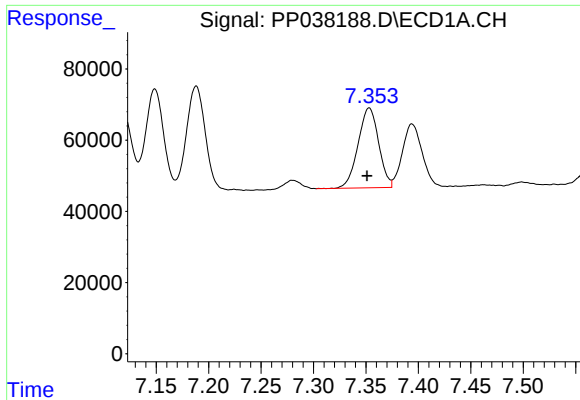
#26 AR-1254-1

R.T.: 7.118 min  
Delta R.T.: -0.003 min  
Response: 286383  
Conc: 219.79 ng/ml



#26 AR-1254-1

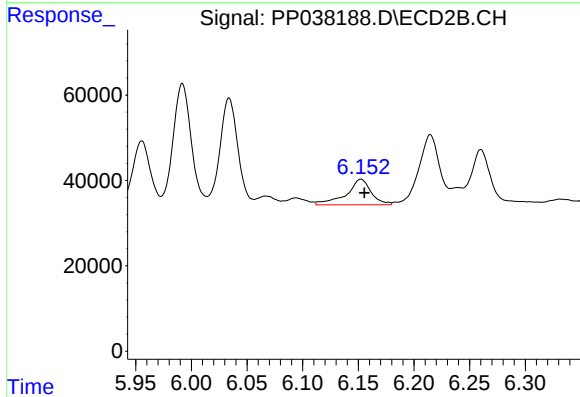
R.T.: 5.992 min  
Delta R.T.: -0.003 min  
Response: 321985  
Conc: 240.67 ng/ml



#27 AR-1254-2

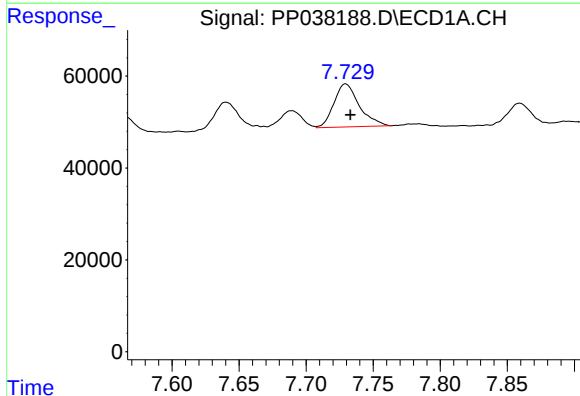
R.T.: 7.353 min  
Delta R.T.: 0.002 min  
Response: 306747  
Conc: 162.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



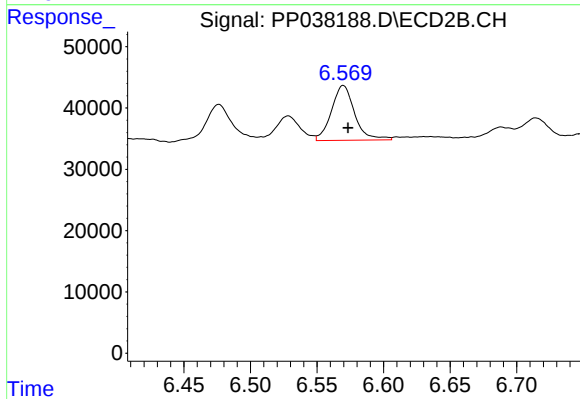
#27 AR-1254-2

R.T.: 6.152 min  
Delta R.T.: -0.003 min  
Response: 93563  
Conc: 81.64 ng/ml



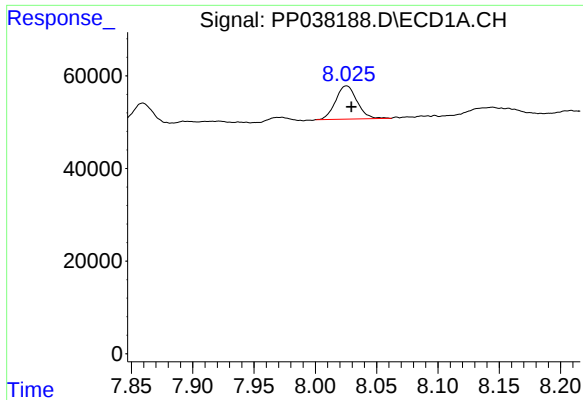
#28 AR-1254-3

R.T.: 7.729 min  
Delta R.T.: -0.004 min  
Response: 123065  
Conc: 62.03 ng/ml



#28 AR-1254-3

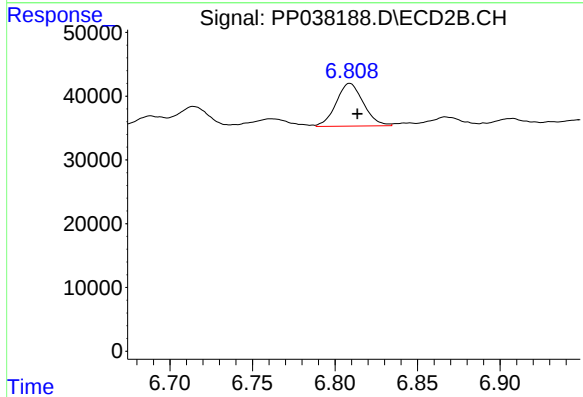
R.T.: 6.570 min  
Delta R.T.: -0.004 min  
Response: 108736  
Conc: 57.60 ng/ml



#29 AR-1254-4

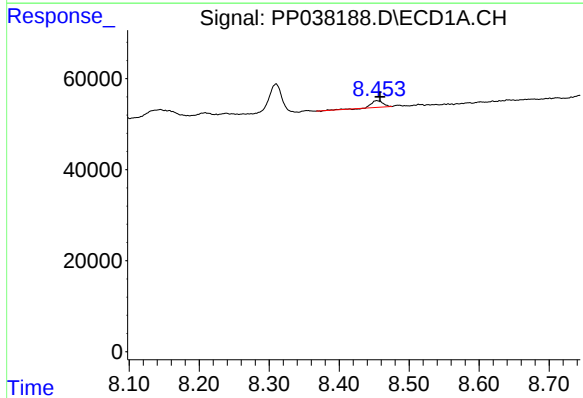
R.T.: 8.025 min  
Delta R.T.: -0.004 min  
Response: 87202  
Conc: 60.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



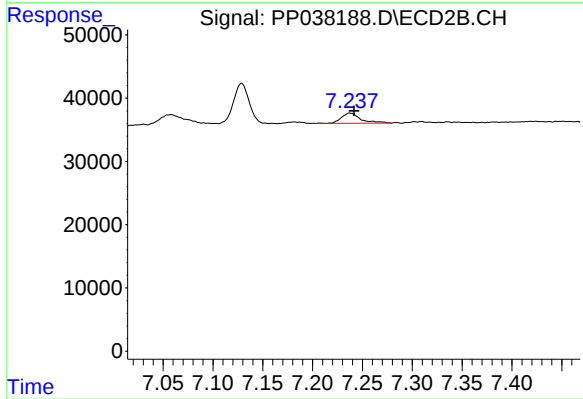
#29 AR-1254-4

R.T.: 6.809 min  
Delta R.T.: -0.005 min  
Response: 76802  
Conc: 63.79 ng/ml



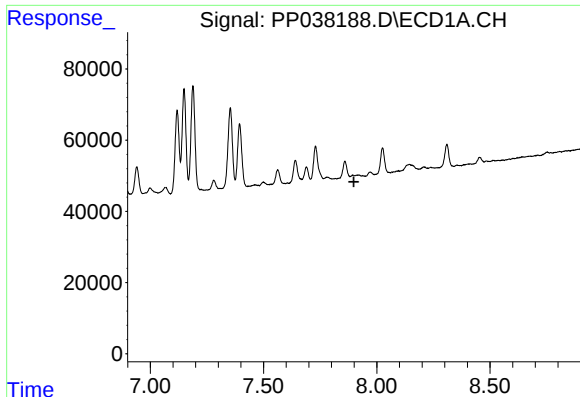
#30 AR-1254-5

R.T.: 8.454 min  
Delta R.T.: -0.005 min  
Response: 17808  
Conc: 12.25 ng/ml



#30 AR-1254-5

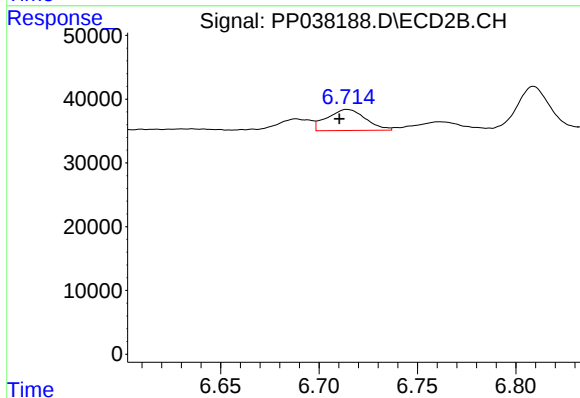
R.T.: 7.237 min  
Delta R.T.: -0.004 min  
Response: 21461  
Conc: 13.00 ng/ml



#31 AR-1260-1

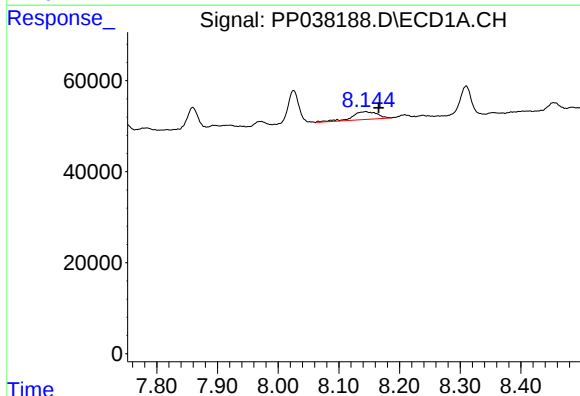
R.T.: 0.000 min  
Exp R.T.: 7.899 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



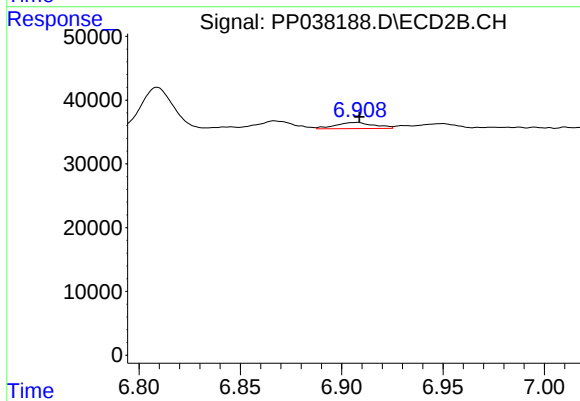
#31 AR-1260-1

R.T.: 6.714 min  
Delta R.T.: 0.004 min  
Response: 45104  
Conc: 34.64 ng/ml



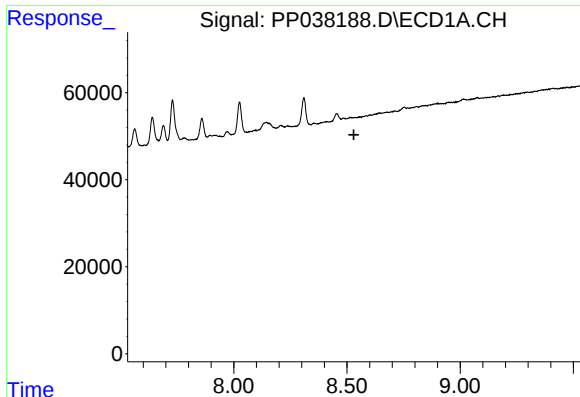
#32 AR-1260-2

R.T.: 8.144 min  
Delta R.T.: -0.022 min  
Response: 49395  
Conc: 28.69 ng/ml



#32 AR-1260-2

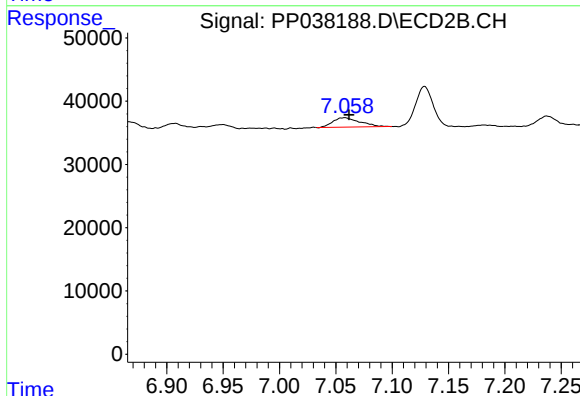
R.T.: 6.907 min  
Delta R.T.: -0.001 min  
Response: 12625  
Conc: 8.11 ng/ml



#33 AR-1260-3

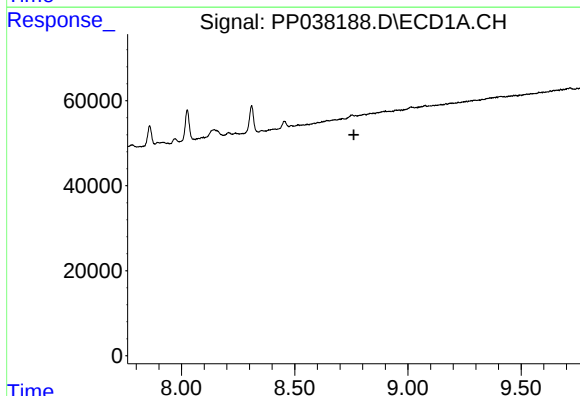
R.T.: 0.000 min  
Exp R.T.: 8.530 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



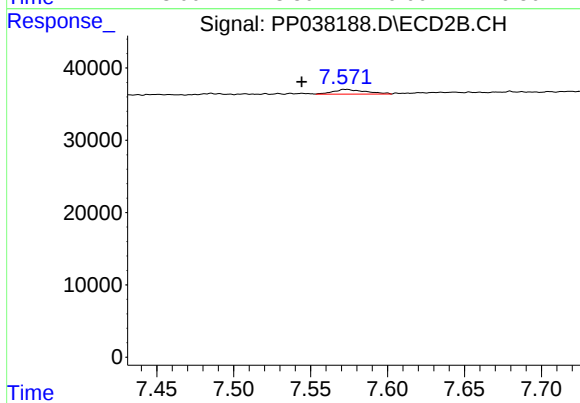
#33 AR-1260-3

R.T.: 7.058 min  
Delta R.T.: -0.004 min  
Response: 24851  
Conc: 16.33 ng/ml



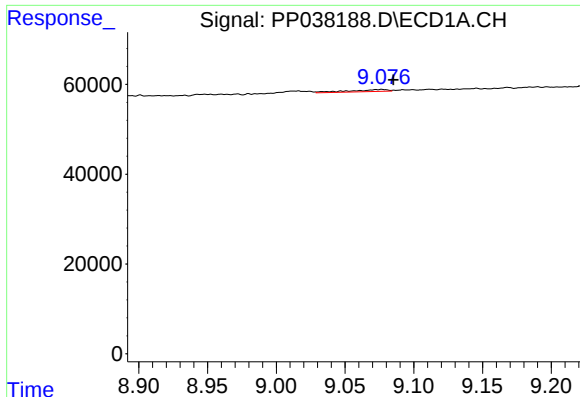
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 8.762 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

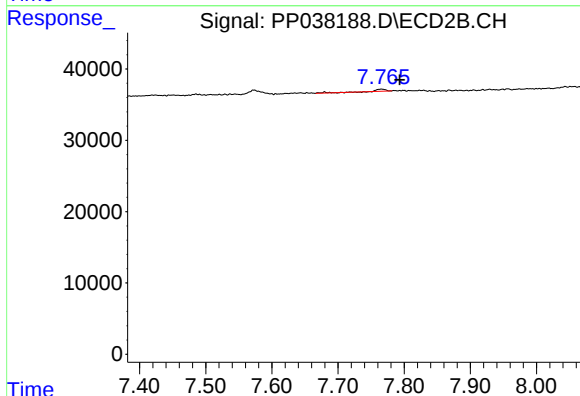
R.T.: 7.573 min  
Delta R.T.: 0.029 min  
Response: 9433  
Conc: 7.71 ng/ml



#35 AR-1260-5

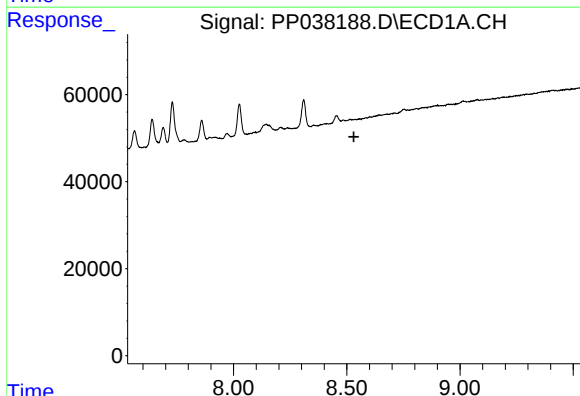
R.T.: 9.077 min  
Delta R.T.: -0.009 min  
Response: 8871  
Conc: 3.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



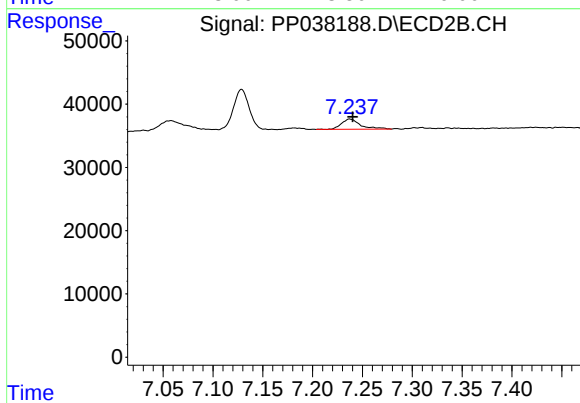
#35 AR-1260-5

R.T.: 7.766 min  
Delta R.T.: -0.028 min  
Response: 3766  
Conc: 1.29 ng/ml



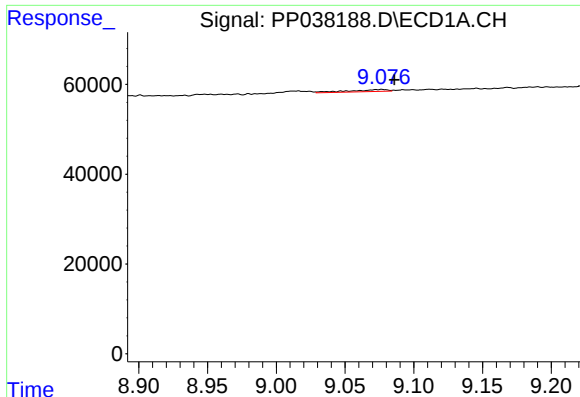
#36 AR-1262-1

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



#36 AR-1262-1

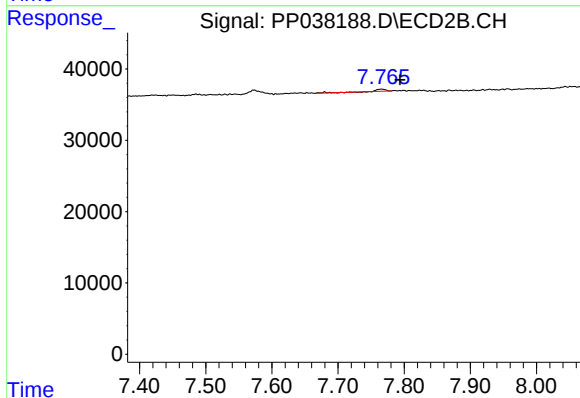
R.T.: 7.237 min  
Delta R.T.: -0.003 min  
Response: 21461  
Conc: 23.48 ng/ml



#37 AR-1262-2

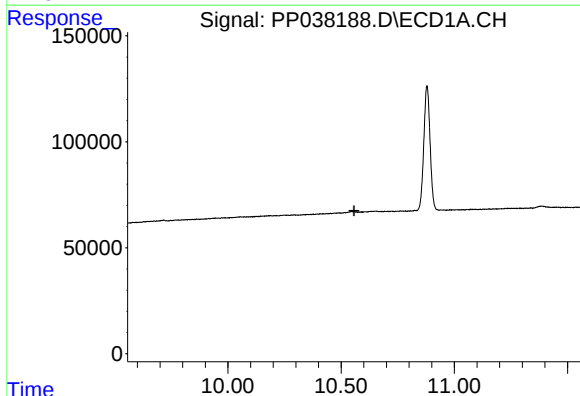
R.T.: 9.077 min  
Delta R.T.: -0.009 min  
Response: 8871  
Conc: 3.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



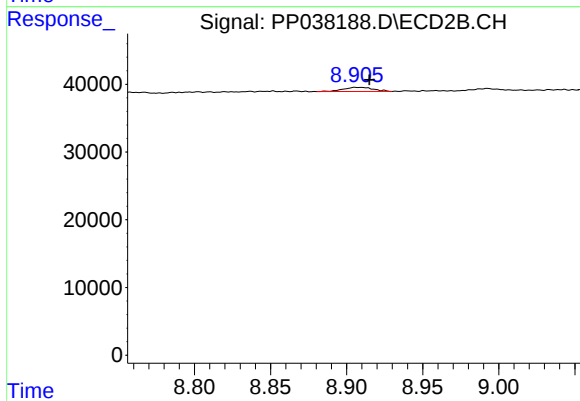
#37 AR-1262-2

R.T.: 7.766 min  
Delta R.T.: -0.028 min  
Response: 3766  
Conc: 1.22 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 10.557 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.909 min  
Delta R.T.: -0.006 min  
Response: 8364  
Conc: 0.88 ng/ml