

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP112921\  
 Data File : PP041380.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Nov 2021 11:54  
 Operator : AJ\MA  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 30 00:41:43 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP111521.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 16 04:45:00 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... | 4.754  | 3.756 | 1108340 | 1539376 | 52.556   | 55.392     |
| 2)                          | SA Decachlor... | 10.653 | 9.015 | 1109867 | 736861  | 50.809   | 51.402     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.002 | 0       | 9920    | N.D.     | 11.689 #   |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.022 | 0       | 10073   | N.D.     | 8.196 #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.264 | 0       | 281143  | N.D.     | 516.968 #  |
| 7)                          | L1 AR-1016-5    | 6.578  | 5.490 | 132259  | 168082  | 239.158  | 252.285    |
| 9)                          | L2 AR-1221-2    | 5.105  | 4.104 | 12584   | 21855   | 81.290   | 86.190     |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.198 | 0       | 16190   | N.D.     | 21.548 #   |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.198 | 0       | 16190   | N.D.     | 27.033 #   |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.022 | 0       | 10073   | N.D.     | 20.265 #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.307 | 0       | 89631   | N.D.     | 382.065 #  |
| 15)                         | L3 AR-1232-5    | 6.362  | 5.490 | 215094  | 168082  | 1523.682 | 683.508 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.002 | 0       | 9920    | N.D.     | 15.628 #   |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.022 | 0       | 10073   | N.D.     | 10.954 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.307 | 0       | 89631   | N.D.     | 182.591 #  |
| 20)                         | L4 AR-1242-5    | 7.048  | 5.870 | 123630  | 610048  | 276.566  | 1129.910 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.002 | 0       | 9920    | N.D.     | 20.535 #   |
| 22)                         | L5 AR-1248-2    | 6.362  | 5.264 | 215094  | 281143  | 387.905  | 414.393    |
| 23)                         | L5 AR-1248-3    | 6.578  | 5.307 | 132259  | 89631   | 196.411  | 128.453 #  |
| 24)                         | L5 AR-1248-4    | 7.007  | 5.490 | 195845  | 168082  | 262.499  | 209.934    |
| 25)                         | L5 AR-1248-5    | 7.048  | 5.912 | 123630  | 80397   | 163.516  | 111.051 #  |
| 26)                         | L6 AR-1254-1    | 6.975  | 5.870 | 398983  | 610048  | 516.638  | 535.733    |
| 27)                         | L6 AR-1254-2    | 7.204  | 6.030 | 624418  | 529430  | 505.175  | 539.938    |
| 28)                         | L6 AR-1254-3    | 7.585  | 6.449 | 678750  | 786785  | 506.893  | 543.935    |
| 29)                         | L6 AR-1254-4    | 7.882  | 6.690 | 477847  | 440898  | 500.713  | 531.524    |
| 30)                         | L6 AR-1254-5    | 8.308  | 7.118 | 547341  | 642484  | 514.942  | 551.178    |
| 31)                         | L7 AR-1260-1    | 7.751  | 6.586 | 275248  | 401432  | 279.253  | 419.321 #  |
| 32)                         | L7 AR-1260-2    | 8.017  | 6.784 | 302955  | 315991  | 256.353  | 291.235    |
| 33)                         | L7 AR-1260-3    | 8.370f | 6.935 | 72431   | 312639  | 79.786   | 311.587 #  |
| 34)                         | L7 AR-1260-4    | 8.603  | 7.420 | 234545  | 33146   | 217.070  | 40.413 #   |
| 35)                         | L7 AR-1260-5    | 8.927  | 7.669 | 83987   | 57164   | 40.301   | 32.754     |
| 36)                         | L8 AR-1262-1    | 8.370  | 7.118 | 72431   | 642484  | 60.621   | 1084.635 # |
| 37)                         | L8 AR-1262-2    | 8.927  | 7.669 | 83987   | 57164   | 39.819   | 34.535     |
| 38)                         | L8 AR-1262-3    | 9.243f | 0.000 | 63133   | 0       | 62.543   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 9.292f | 8.016 | 15344   | 67250   | 22.990   | 52.300 #   |
| 41)                         | L9 AR-1268-1    | 9.243f | 0.000 | 63133   | 0       | 23.203   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 9.292f | 8.016 | 15344   | 67250   | 5.963    | 35.293 #   |
| -----                       |                 |        |       |         |         |          |            |

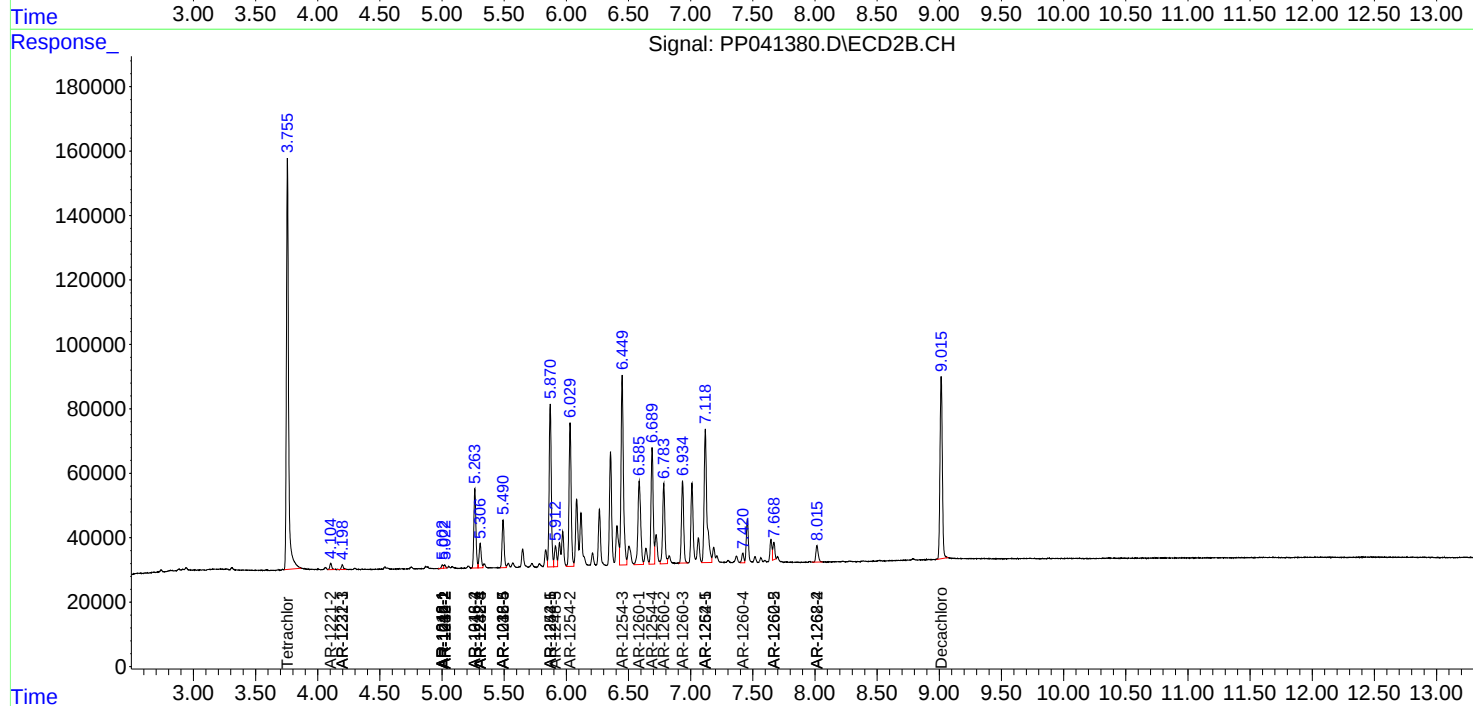
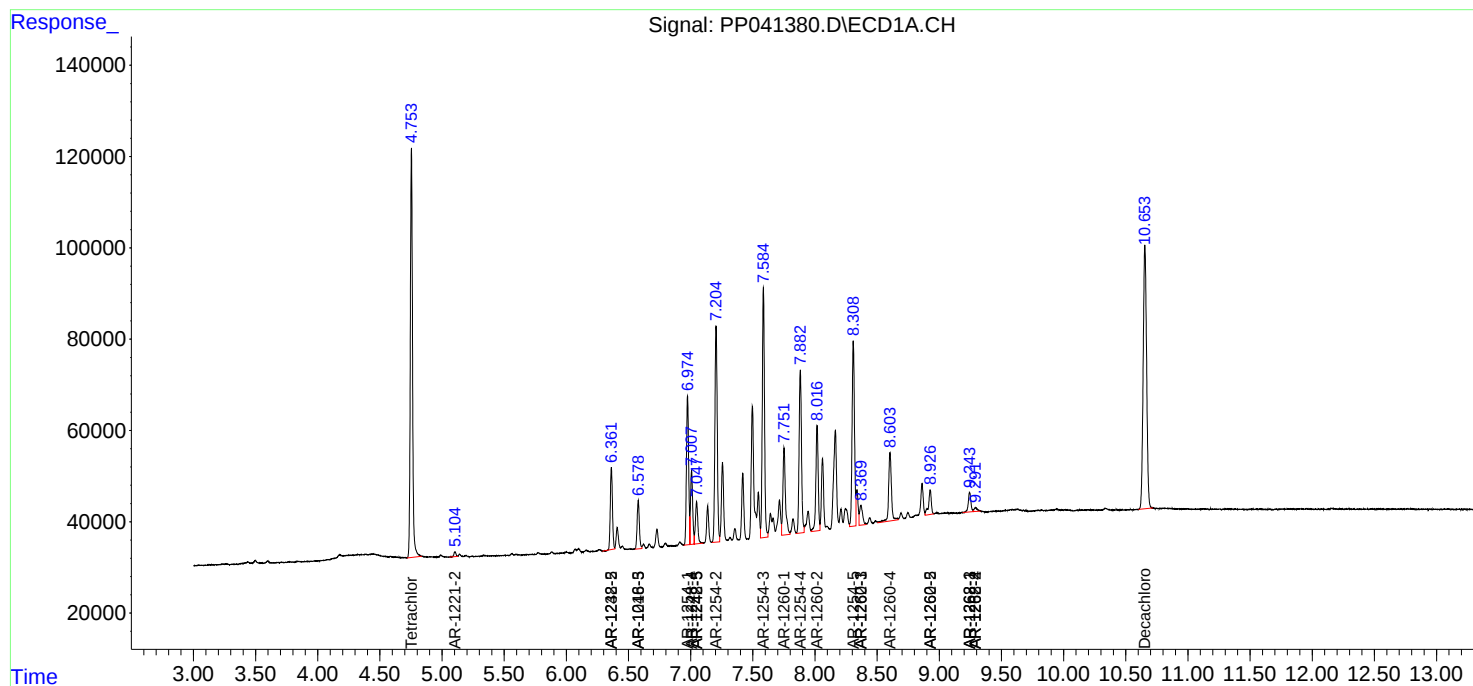
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

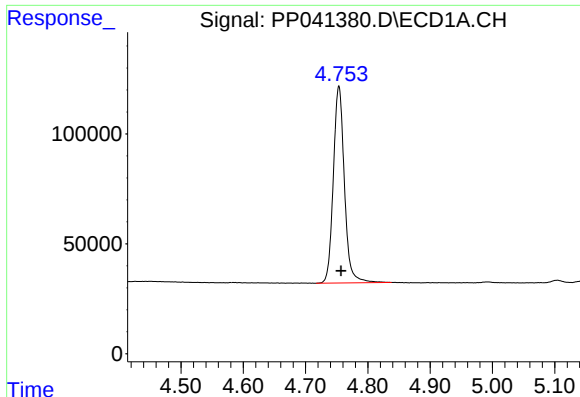
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP112921\  
Data File : PP041380.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 29 Nov 2021 11:54  
Operator : AJ\MA  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 30 00:41:43 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP111521.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 16 04:45:00 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

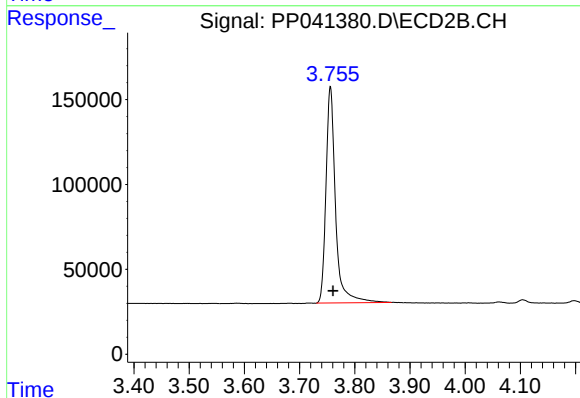




#1 Tetrachloro-m-xylene

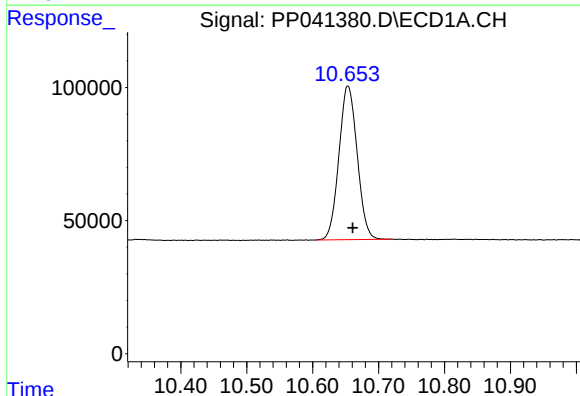
R.T.: 4.754 min  
Delta R.T.: -0.003 min  
Response: 1108340  
Conc: 52.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



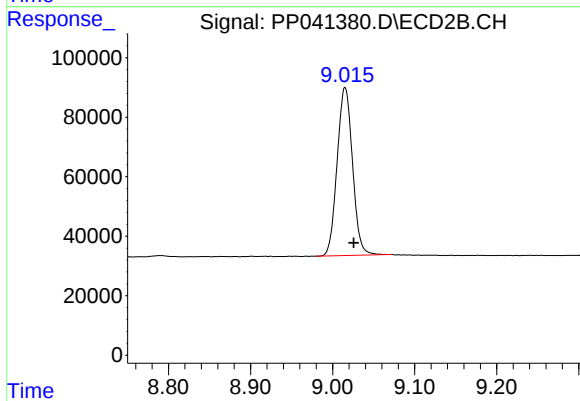
#1 Tetrachloro-m-xylene

R.T.: 3.756 min  
Delta R.T.: -0.004 min  
Response: 1539376  
Conc: 55.39 ng/ml



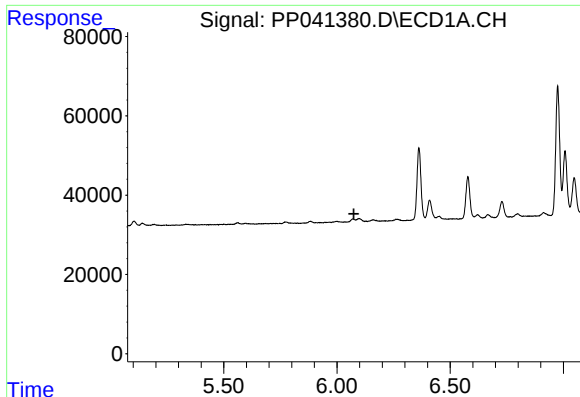
#2 Decachlorobiphenyl

R.T.: 10.653 min  
Delta R.T.: -0.007 min  
Response: 1109867  
Conc: 50.81 ng/ml



#2 Decachlorobiphenyl

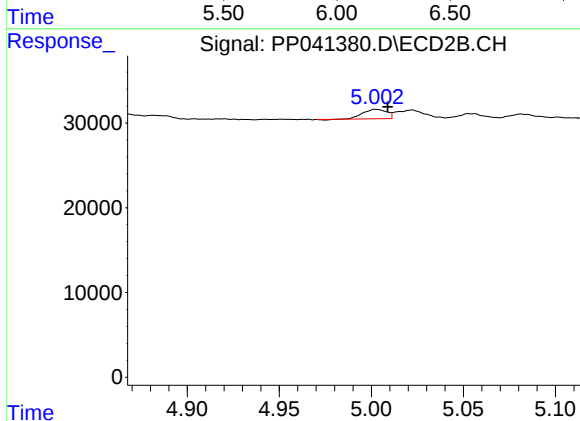
R.T.: 9.015 min  
Delta R.T.: -0.011 min  
Response: 736861  
Conc: 51.40 ng/ml



#3 AR-1016-1

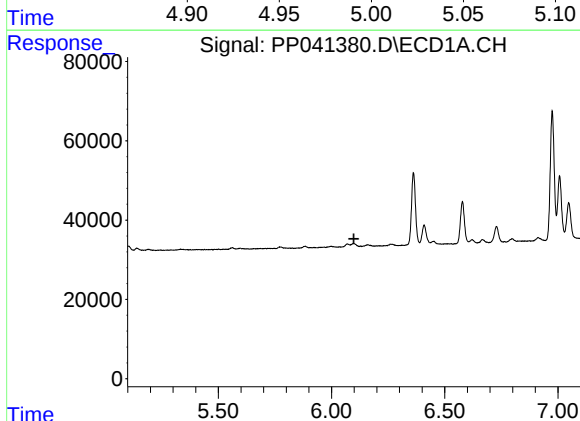
R.T.: 0.000 min  
Exp R.T.: 6.075 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



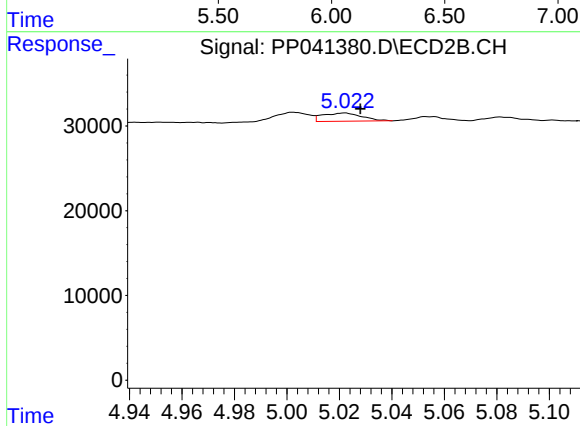
#3 AR-1016-1

R.T.: 5.002 min  
Delta R.T.: -0.007 min  
Response: 9920  
Conc: 11.69 ng/ml



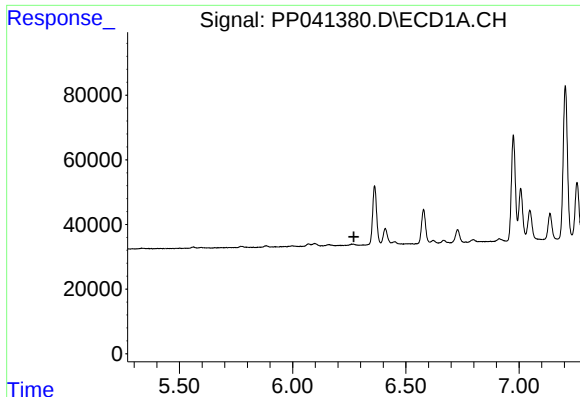
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 6.099 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

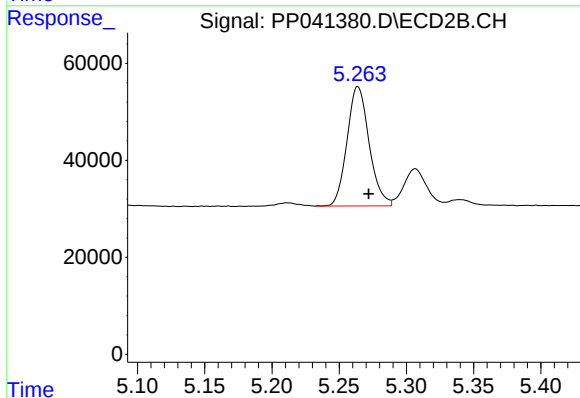
R.T.: 5.022 min  
Delta R.T.: -0.006 min  
Response: 10073  
Conc: 8.20 ng/ml



#6 AR-1016-4

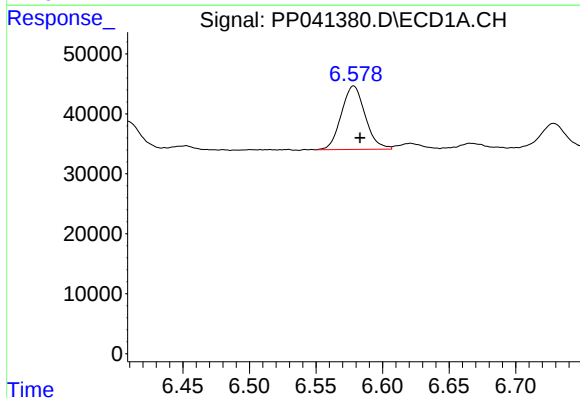
R.T.: 0.000 min  
Exp R.T.: 6.270 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



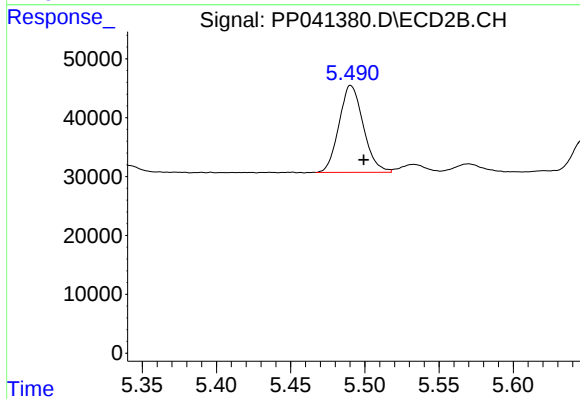
#6 AR-1016-4

R.T.: 5.264 min  
Delta R.T.: -0.008 min  
Response: 281143  
Conc: 516.97 ng/ml



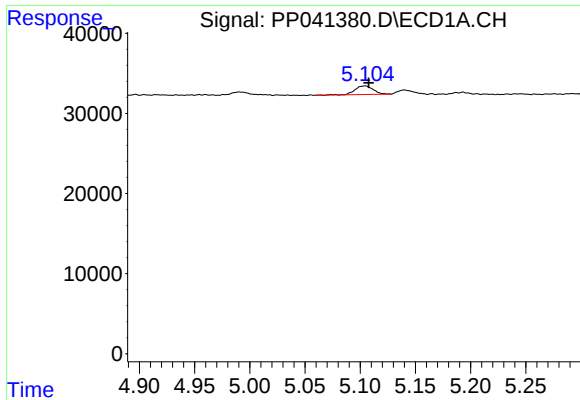
#7 AR-1016-5

R.T.: 6.578 min  
Delta R.T.: -0.005 min  
Response: 132259  
Conc: 239.16 ng/ml



#7 AR-1016-5

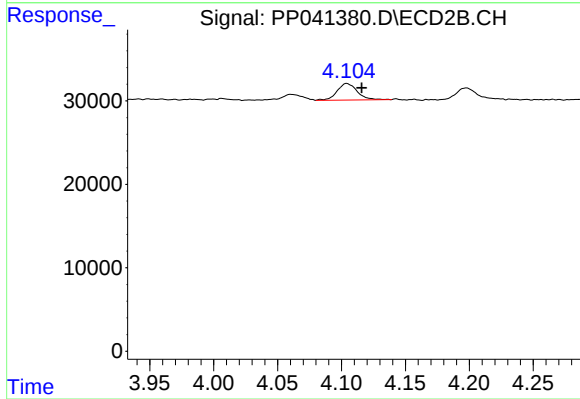
R.T.: 5.490 min  
Delta R.T.: -0.009 min  
Response: 168082  
Conc: 252.28 ng/ml



#9 AR-1221-2

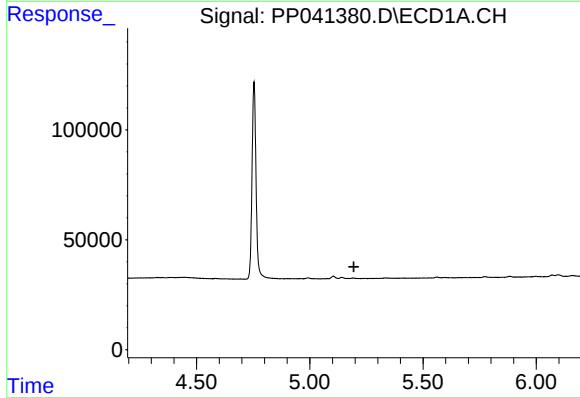
R.T.: 5.105 min  
Delta R.T.: -0.003 min  
Response: 12584  
Conc: 81.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



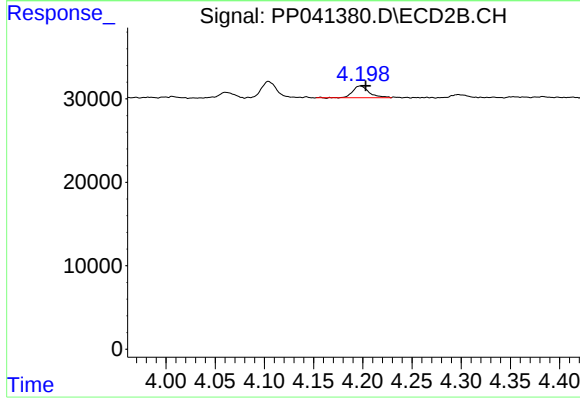
#9 AR-1221-2

R.T.: 4.104 min  
Delta R.T.: -0.012 min  
Response: 21855  
Conc: 86.19 ng/ml



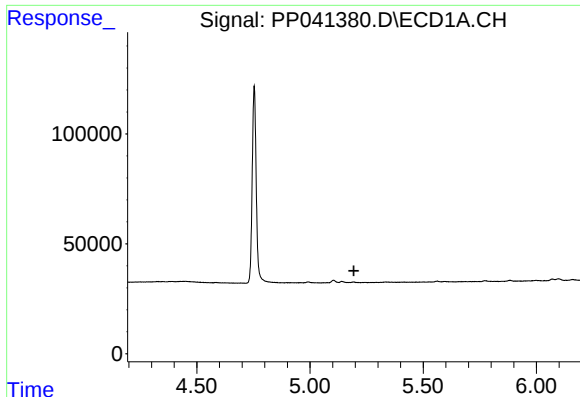
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 5.194 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

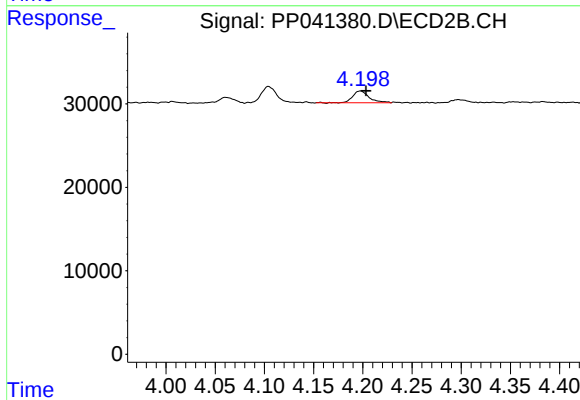
R.T.: 4.198 min  
Delta R.T.: -0.005 min  
Response: 16190  
Conc: 21.55 ng/ml



#11 AR-1232-1

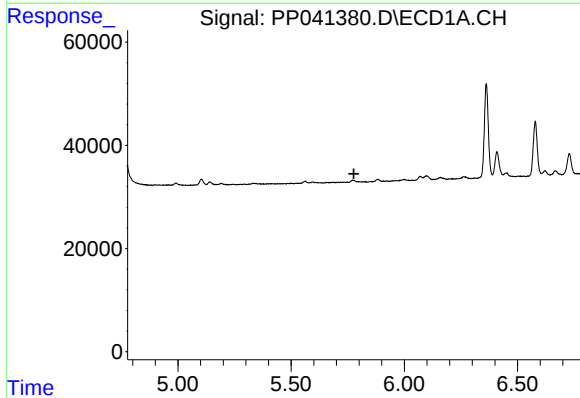
R.T.: 0.000 min  
Exp R.T.: 5.194 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



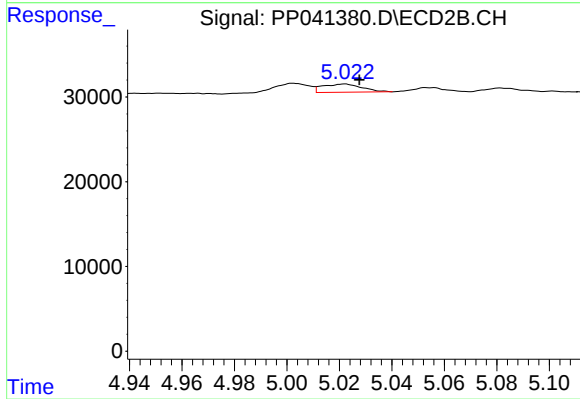
#11 AR-1232-1

R.T.: 4.198 min  
Delta R.T.: -0.005 min  
Response: 16190  
Conc: 27.03 ng/ml



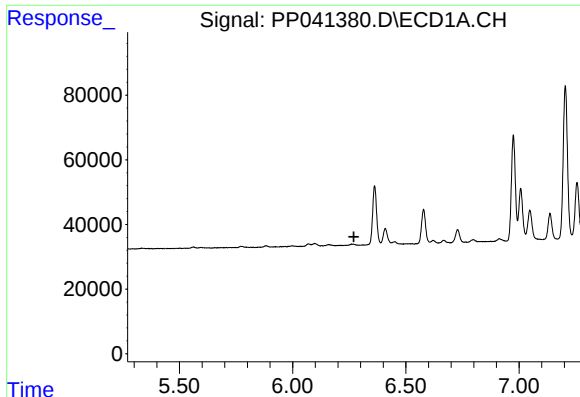
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 5.777 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

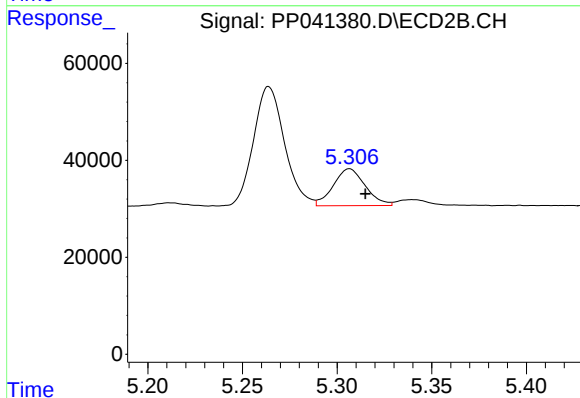
R.T.: 5.022 min  
Delta R.T.: -0.005 min  
Response: 10073  
Conc: 20.26 ng/ml



#14 AR-1232-4

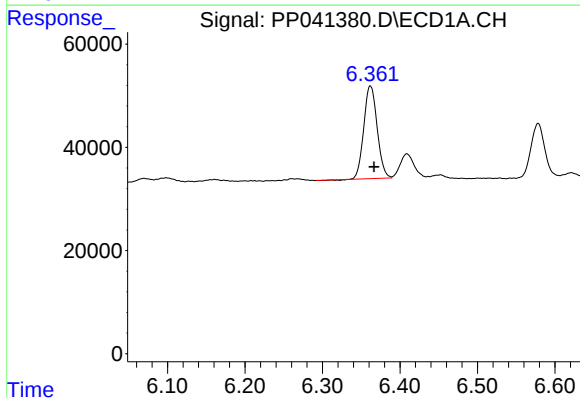
R.T.: 0.000 min  
Exp R.T.: 6.270 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



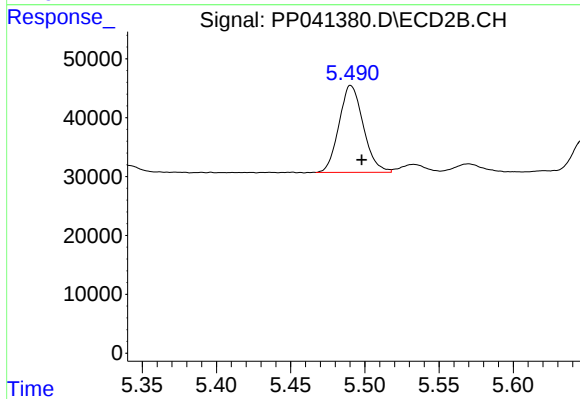
#14 AR-1232-4

R.T.: 5.307 min  
Delta R.T.: -0.008 min  
Response: 89631  
Conc: 382.07 ng/ml



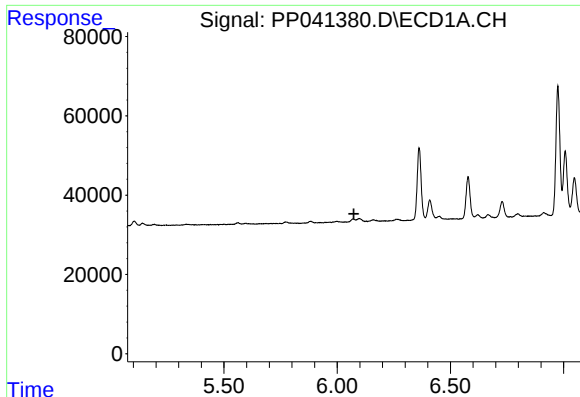
#15 AR-1232-5

R.T.: 6.362 min  
Delta R.T.: -0.005 min  
Response: 215094  
Conc: 1523.68 ng/ml



#15 AR-1232-5

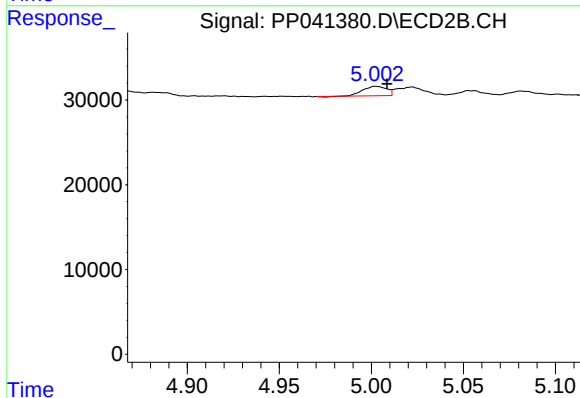
R.T.: 5.490 min  
Delta R.T.: -0.008 min  
Response: 168082  
Conc: 683.51 ng/ml



#16 AR-1242-1

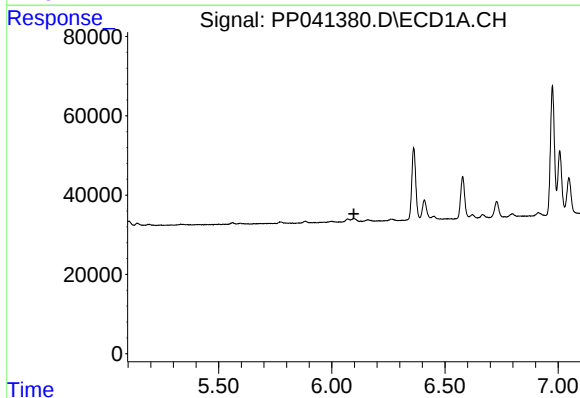
R.T.: 0.000 min  
Exp R.T.: 6.074 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



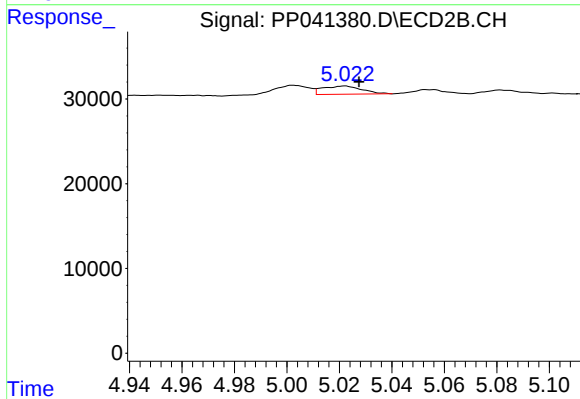
#16 AR-1242-1

R.T.: 5.002 min  
Delta R.T.: -0.006 min  
Response: 9920  
Conc: 15.63 ng/ml



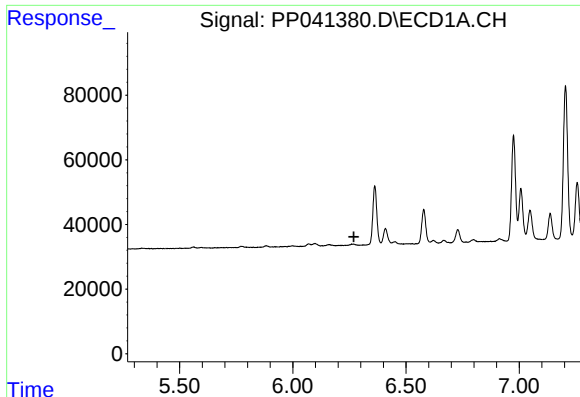
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 6.098 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

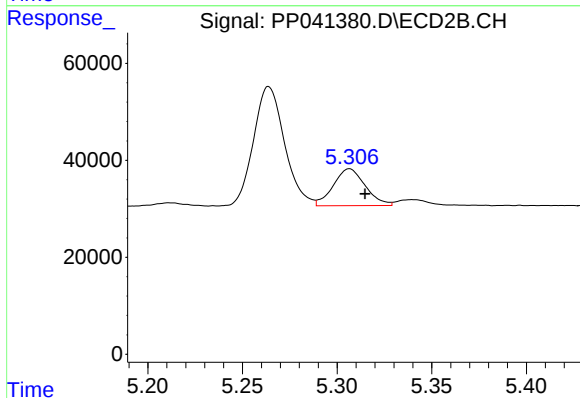
R.T.: 5.022 min  
Delta R.T.: -0.005 min  
Response: 10073  
Conc: 10.95 ng/ml



#19 AR-1242-4

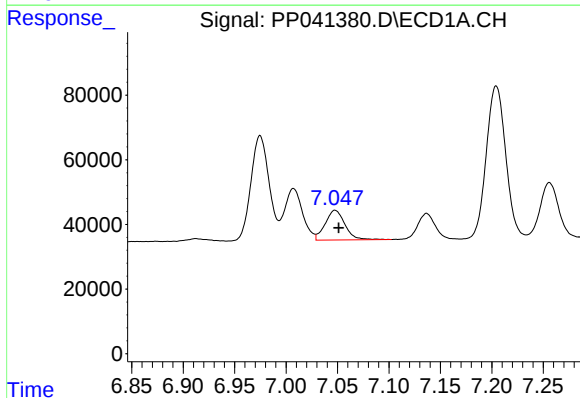
R.T.: 0.000 min  
Exp R.T.: 6.270 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



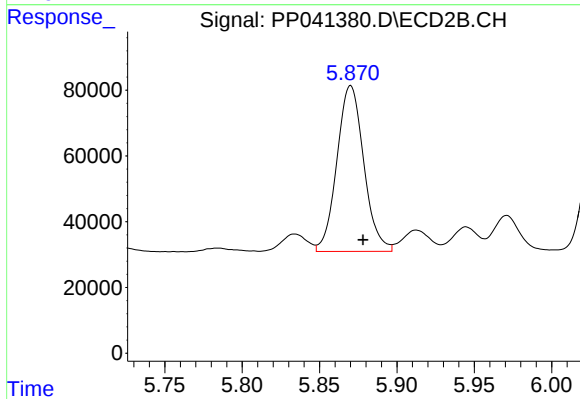
#19 AR-1242-4

R.T.: 5.307 min  
Delta R.T.: -0.008 min  
Response: 89631  
Conc: 182.59 ng/ml



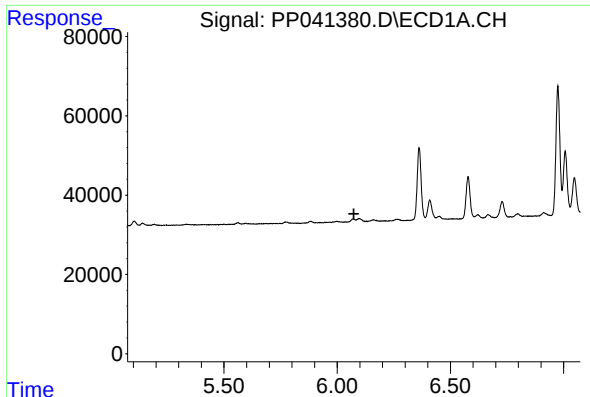
#20 AR-1242-5

R.T.: 7.048 min  
Delta R.T.: -0.003 min  
Response: 123630  
Conc: 276.57 ng/ml



#20 AR-1242-5

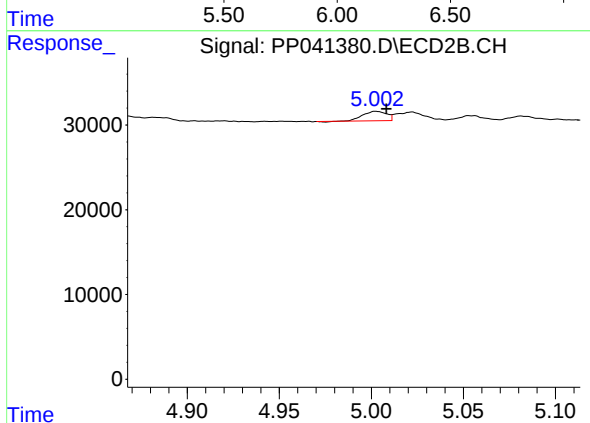
R.T.: 5.870 min  
Delta R.T.: -0.008 min  
Response: 610048  
Conc: 1129.91 ng/ml



#21 AR-1248-1

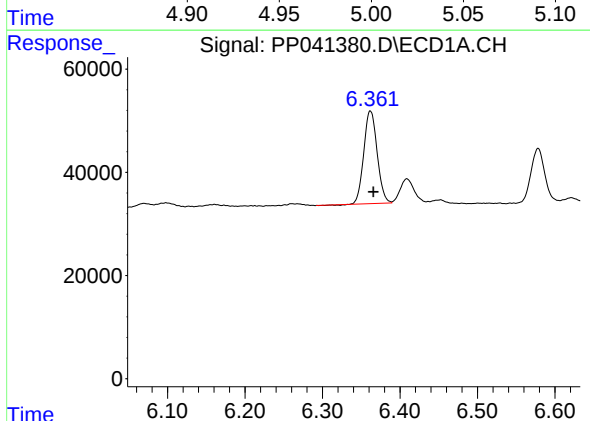
R.T.: 0.000 min  
Exp R.T.: 6.074 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



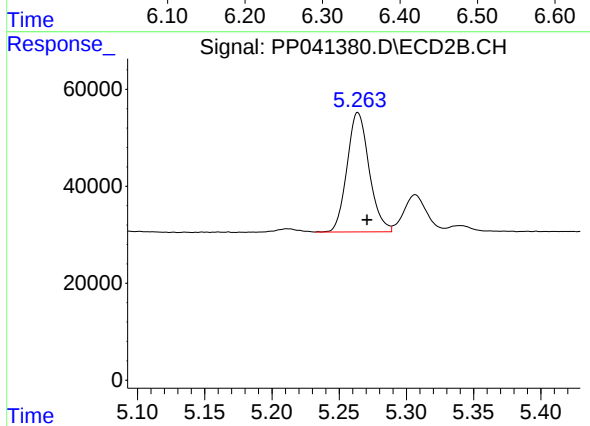
#21 AR-1248-1

R.T.: 5.002 min  
Delta R.T.: -0.006 min  
Response: 9920  
Conc: 20.53 ng/ml



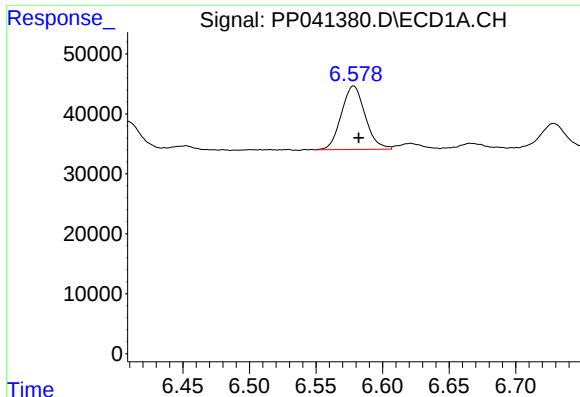
#22 AR-1248-2

R.T.: 6.362 min  
Delta R.T.: -0.004 min  
Response: 215094  
Conc: 387.90 ng/ml



#22 AR-1248-2

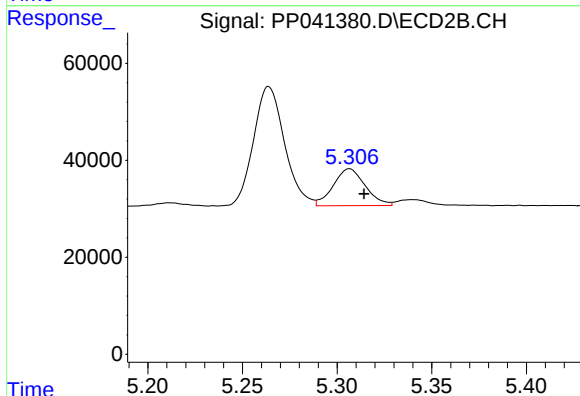
R.T.: 5.264 min  
Delta R.T.: -0.007 min  
Response: 281143  
Conc: 414.39 ng/ml



#23 AR-1248-3

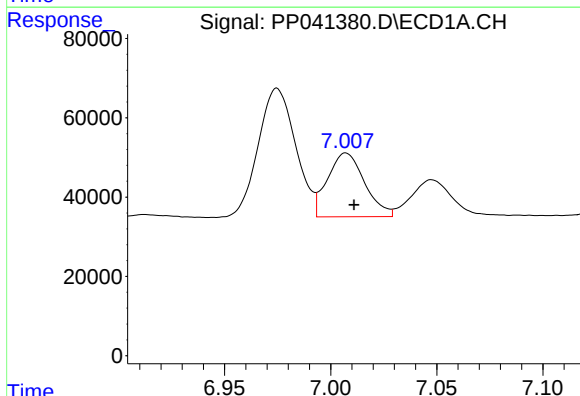
R.T.: 6.578 min  
Delta R.T.: -0.004 min  
Response: 132259  
Conc: 196.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



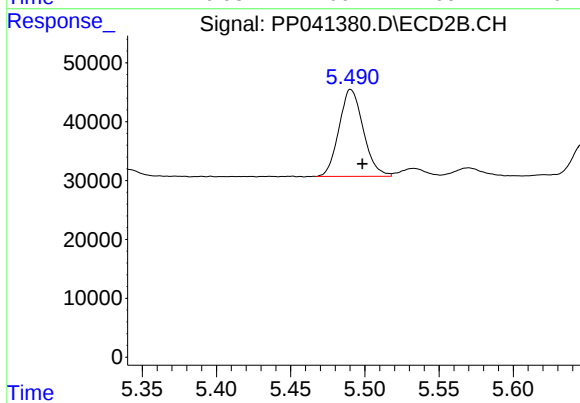
#23 AR-1248-3

R.T.: 5.307 min  
Delta R.T.: -0.008 min  
Response: 89631  
Conc: 128.45 ng/ml



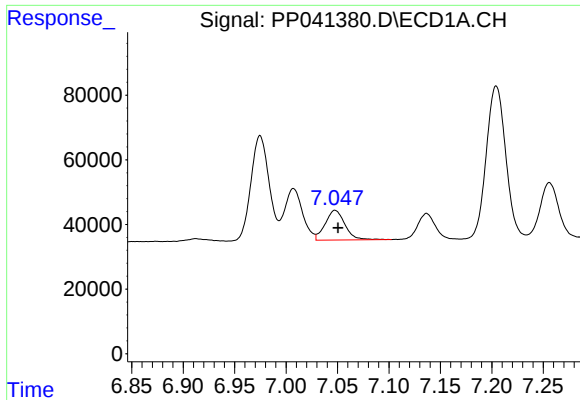
#24 AR-1248-4

R.T.: 7.007 min  
Delta R.T.: -0.004 min  
Response: 195845  
Conc: 262.50 ng/ml



#24 AR-1248-4

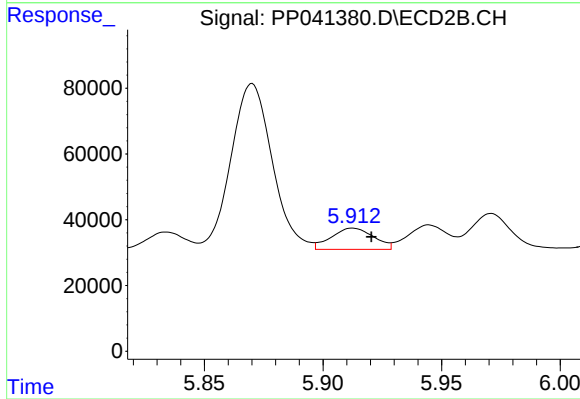
R.T.: 5.490 min  
Delta R.T.: -0.008 min  
Response: 168082  
Conc: 209.93 ng/ml



#25 AR-1248-5

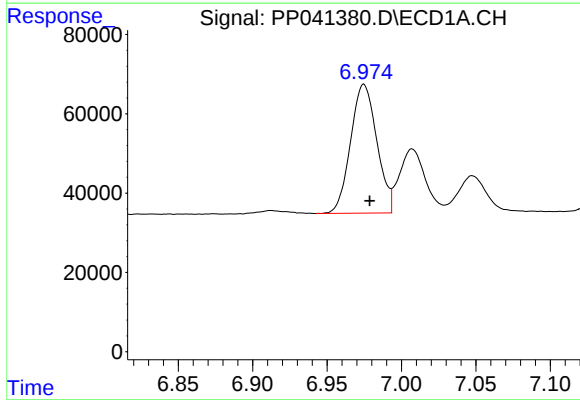
R.T.: 7.048 min  
Delta R.T.: -0.003 min  
Response: 123630  
Conc: 163.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



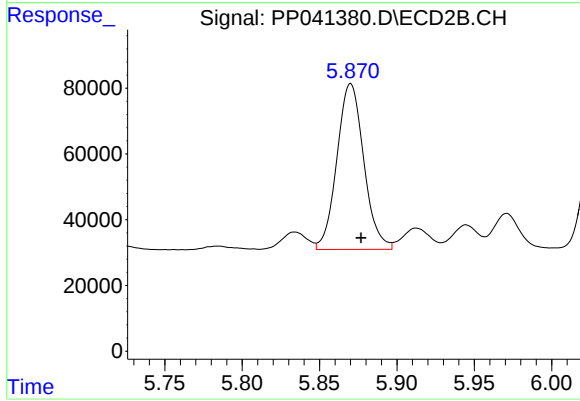
#25 AR-1248-5

R.T.: 5.912 min  
Delta R.T.: -0.008 min  
Response: 80397  
Conc: 111.05 ng/ml



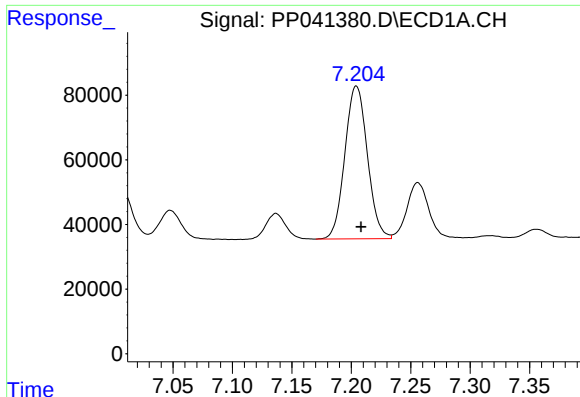
#26 AR-1254-1

R.T.: 6.975 min  
Delta R.T.: -0.004 min  
Response: 398983  
Conc: 516.64 ng/ml



#26 AR-1254-1

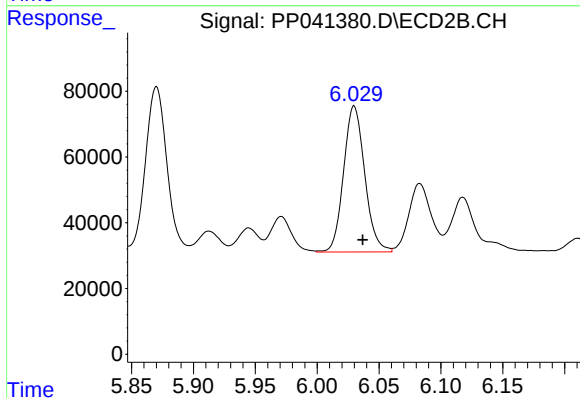
R.T.: 5.870 min  
Delta R.T.: -0.007 min  
Response: 610048  
Conc: 535.73 ng/ml



#27 AR-1254-2

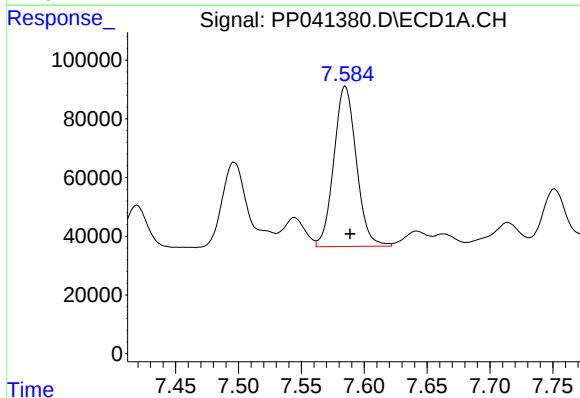
R.T.: 7.204 min  
Delta R.T.: -0.004 min  
Response: 624418  
Conc: 505.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



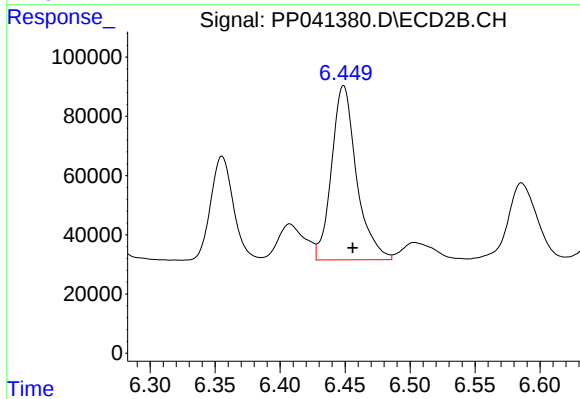
#27 AR-1254-2

R.T.: 6.030 min  
Delta R.T.: -0.007 min  
Response: 529430  
Conc: 539.94 ng/ml



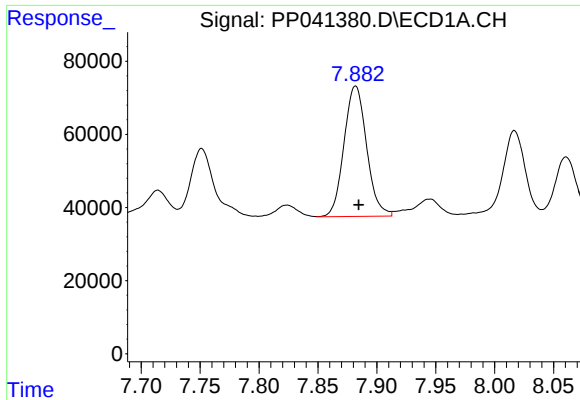
#28 AR-1254-3

R.T.: 7.585 min  
Delta R.T.: -0.004 min  
Response: 678750  
Conc: 506.89 ng/ml



#28 AR-1254-3

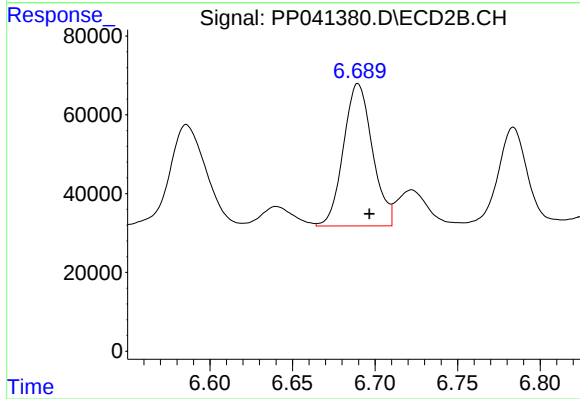
R.T.: 6.449 min  
Delta R.T.: -0.007 min  
Response: 786785  
Conc: 543.93 ng/ml



#29 AR-1254-4

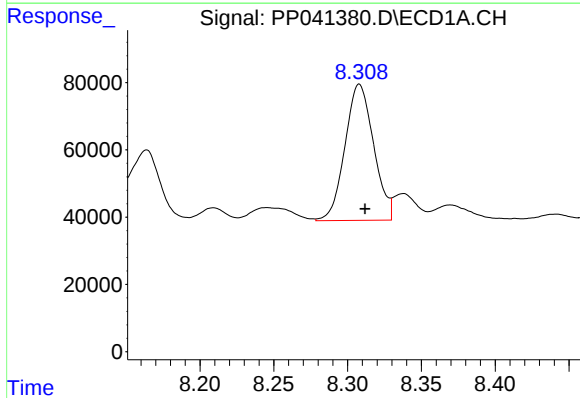
R.T.: 7.882 min  
Delta R.T.: -0.003 min  
Response: 477847  
Conc: 500.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



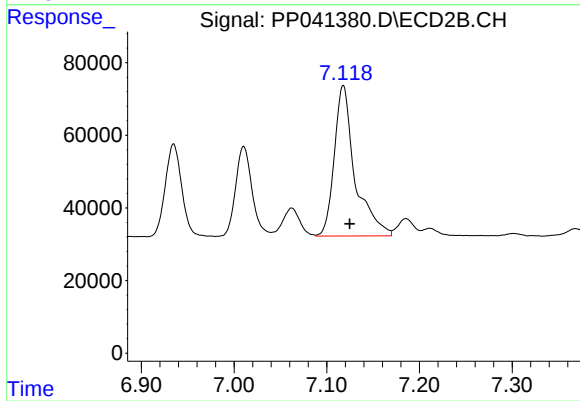
#29 AR-1254-4

R.T.: 6.690 min  
Delta R.T.: -0.007 min  
Response: 440898  
Conc: 531.52 ng/ml



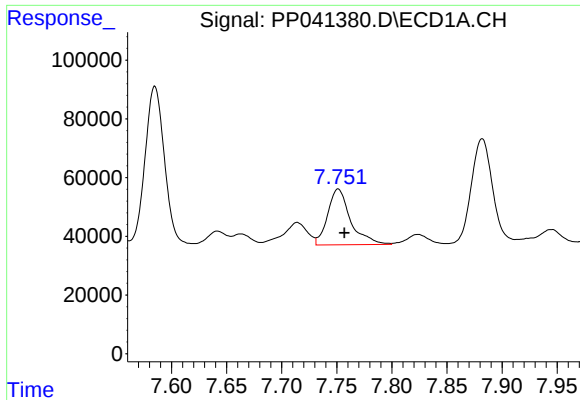
#30 AR-1254-5

R.T.: 8.308 min  
Delta R.T.: -0.004 min  
Response: 547341  
Conc: 514.94 ng/ml



#30 AR-1254-5

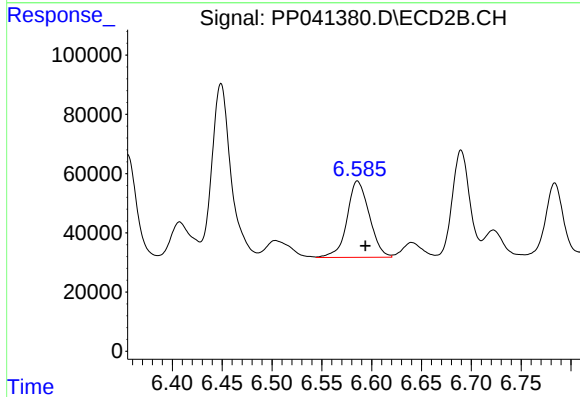
R.T.: 7.118 min  
Delta R.T.: -0.007 min  
Response: 642484  
Conc: 551.18 ng/ml



#31 AR-1260-1

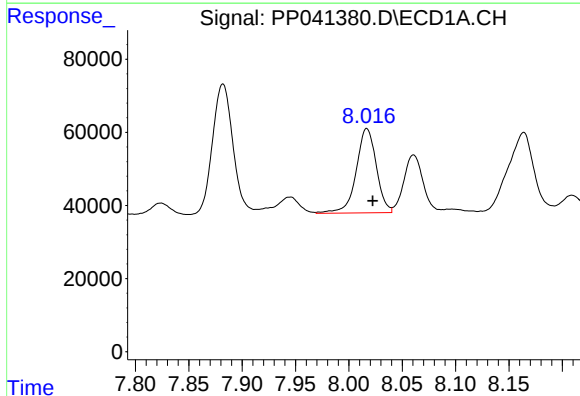
R.T.: 7.751 min  
Delta R.T.: -0.005 min  
Response: 275248  
Conc: 279.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



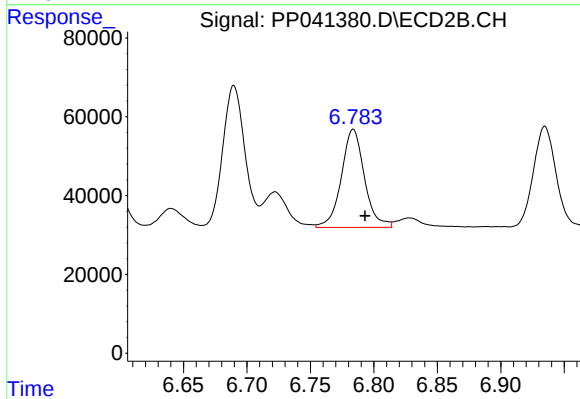
#31 AR-1260-1

R.T.: 6.586 min  
Delta R.T.: -0.008 min  
Response: 401432  
Conc: 419.32 ng/ml



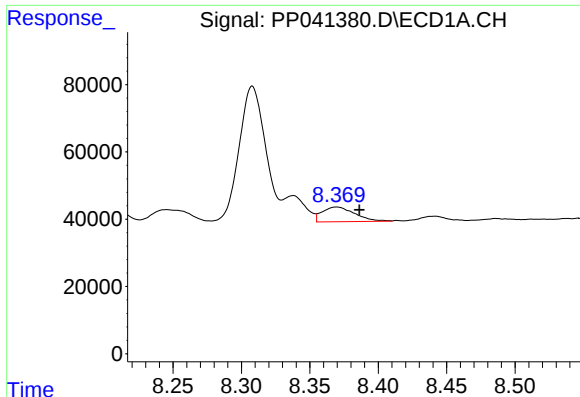
#32 AR-1260-2

R.T.: 8.017 min  
Delta R.T.: -0.005 min  
Response: 302955  
Conc: 256.35 ng/ml



#32 AR-1260-2

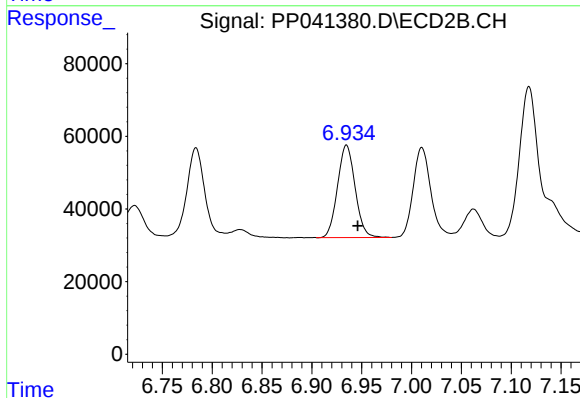
R.T.: 6.784 min  
Delta R.T.: -0.009 min  
Response: 315991  
Conc: 291.23 ng/ml



#33 AR-1260-3

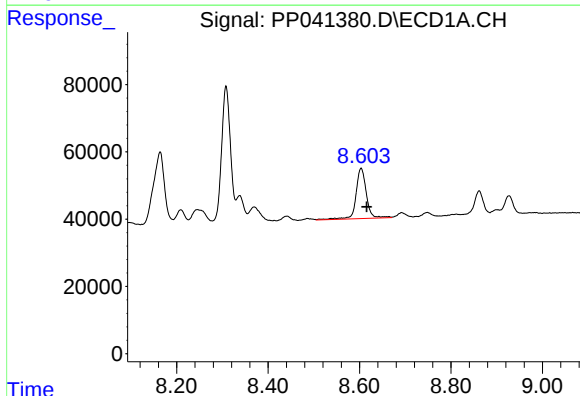
R.T.: 8.370 min  
Delta R.T.: -0.017 min  
Response: 72431  
Conc: 79.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



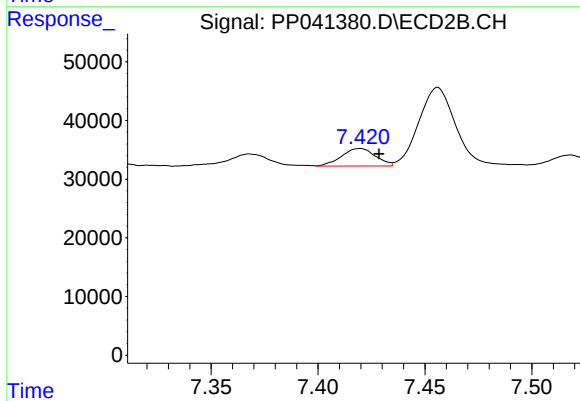
#33 AR-1260-3

R.T.: 6.935 min  
Delta R.T.: -0.011 min  
Response: 312639  
Conc: 311.59 ng/ml



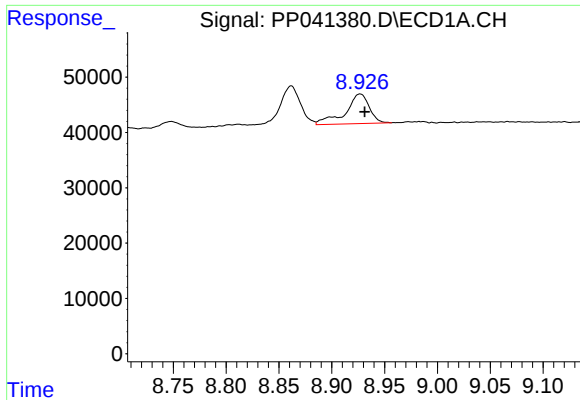
#34 AR-1260-4

R.T.: 8.603 min  
Delta R.T.: -0.012 min  
Response: 234545  
Conc: 217.07 ng/ml



#34 AR-1260-4

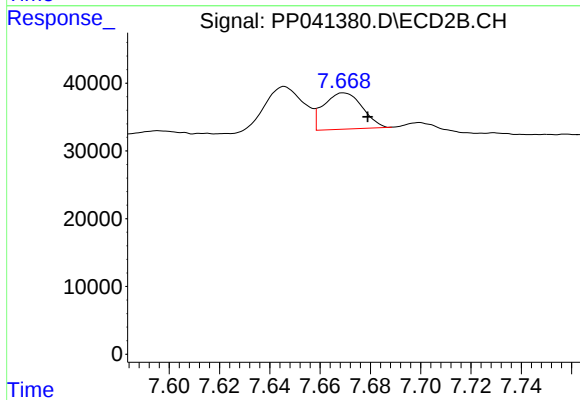
R.T.: 7.420 min  
Delta R.T.: -0.009 min  
Response: 33146  
Conc: 40.41 ng/ml



#35 AR-1260-5

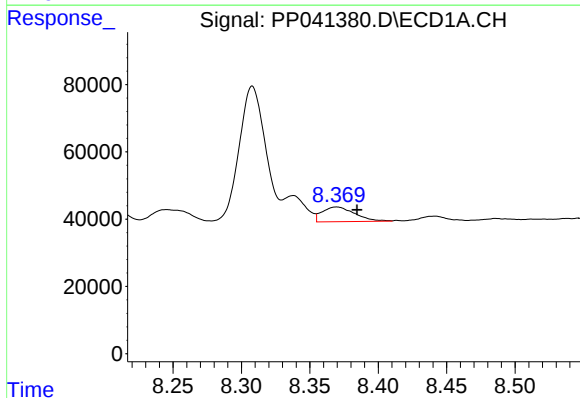
R.T.: 8.927 min  
Delta R.T.: -0.004 min  
Response: 83987  
Conc: 40.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



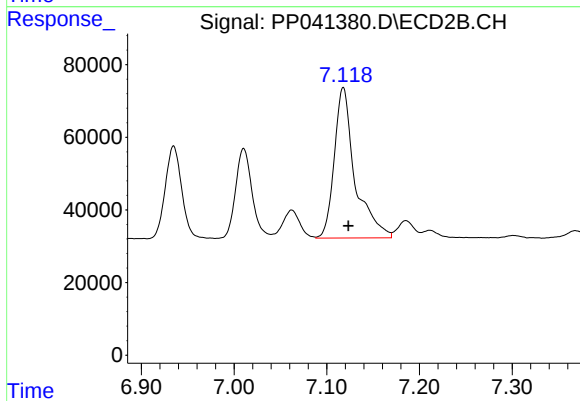
#35 AR-1260-5

R.T.: 7.669 min  
Delta R.T.: -0.010 min  
Response: 57164  
Conc: 32.75 ng/ml



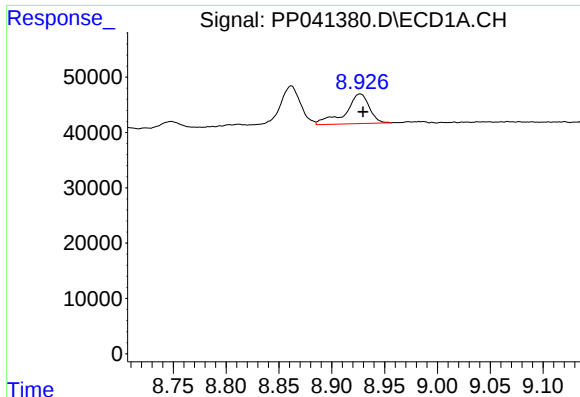
#36 AR-1262-1

R.T.: 8.370 min  
Delta R.T.: -0.015 min  
Response: 72431  
Conc: 60.62 ng/ml



#36 AR-1262-1

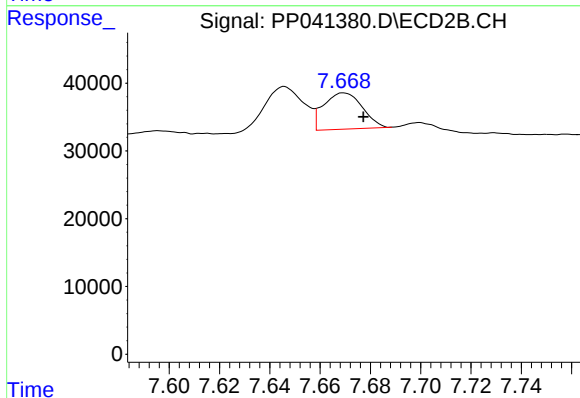
R.T.: 7.118 min  
Delta R.T.: -0.006 min  
Response: 642484  
Conc: 1084.64 ng/ml



#37 AR-1262-2

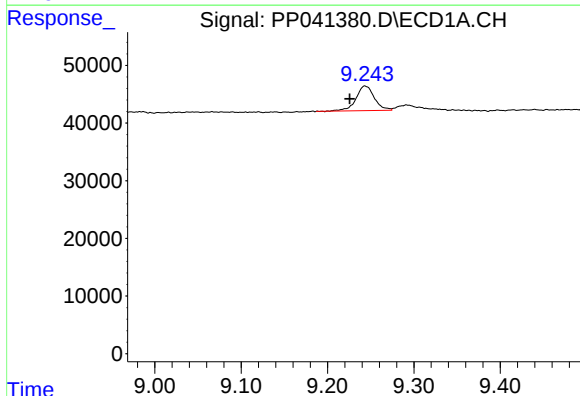
R.T.: 8.927 min  
Delta R.T.: -0.003 min  
Response: 83987  
Conc: 39.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



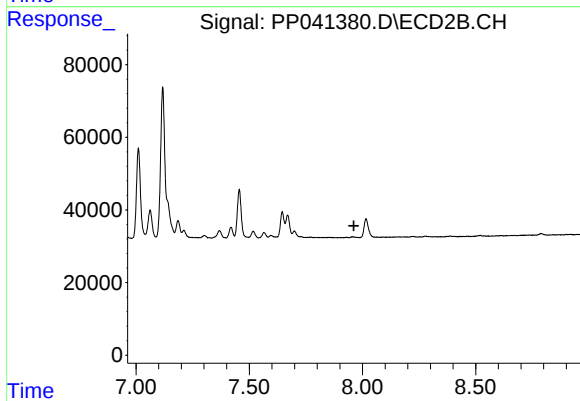
#37 AR-1262-2

R.T.: 7.669 min  
Delta R.T.: -0.008 min  
Response: 57164  
Conc: 34.54 ng/ml



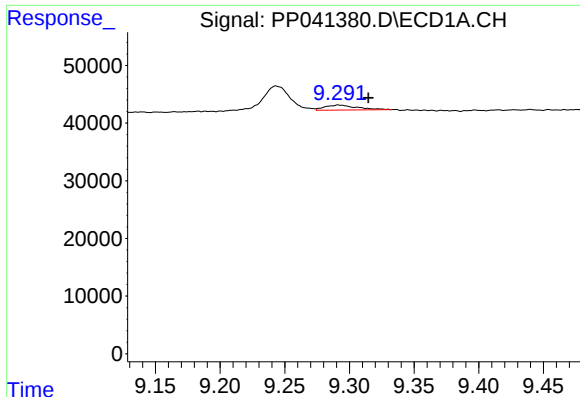
#38 AR-1262-3

R.T.: 9.243 min  
Delta R.T.: 0.018 min  
Response: 63133  
Conc: 62.54 ng/ml



#38 AR-1262-3

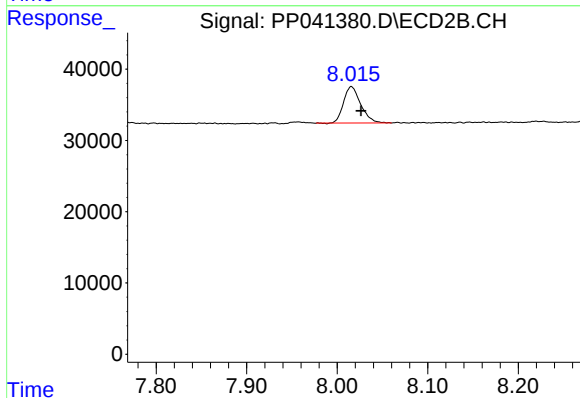
R.T.: 0.000 min  
Exp R.T. : 7.962 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

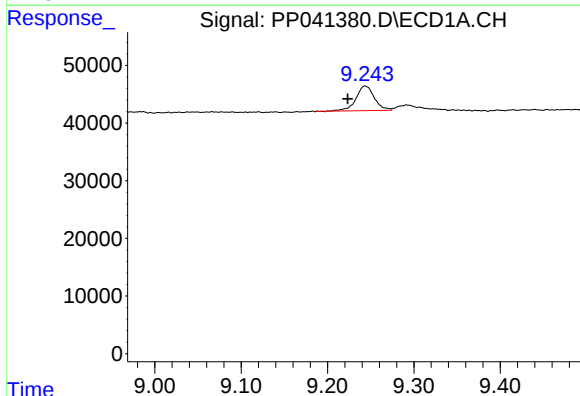
R.T.: 9.292 min  
Delta R.T.: -0.023 min  
Response: 15344  
Conc: 22.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



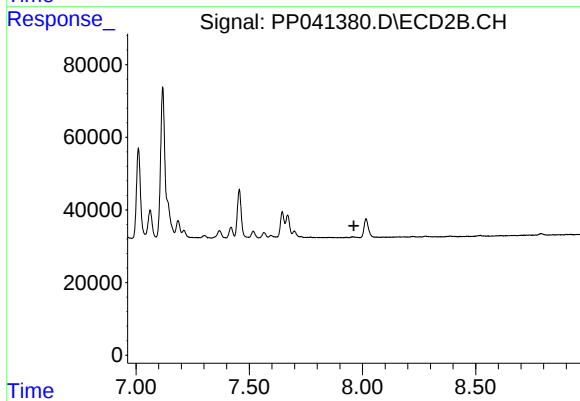
#39 AR-1262-4

R.T.: 8.016 min  
Delta R.T.: -0.010 min  
Response: 67250  
Conc: 52.30 ng/ml



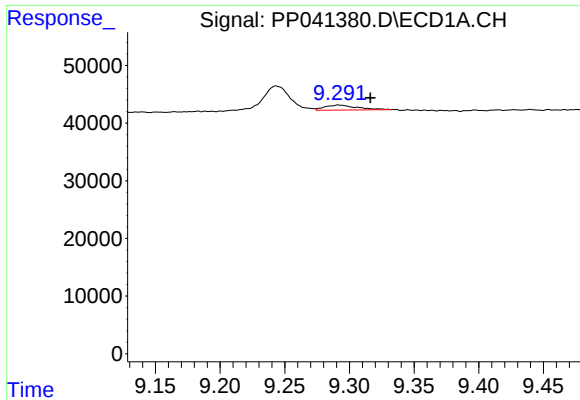
#41 AR-1268-1

R.T.: 9.243 min  
Delta R.T.: 0.020 min  
Response: 63133  
Conc: 23.20 ng/ml



#41 AR-1268-1

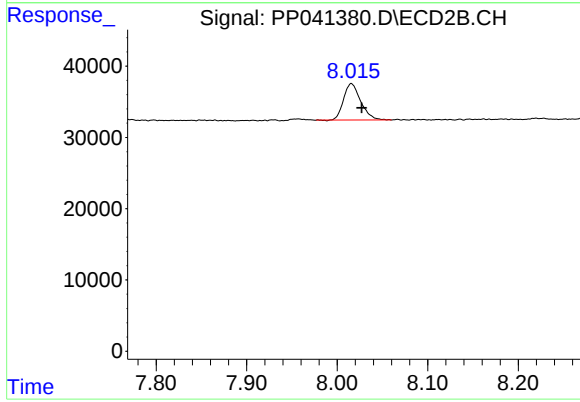
R.T.: 0.000 min  
Exp R.T. : 7.962 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 9.292 min  
Delta R.T.: -0.025 min  
Response: 15344  
Conc: 5.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#42 AR-1268-2

R.T.: 8.016 min  
Delta R.T.: -0.011 min  
Response: 67250  
Conc: 35.29 ng/ml