

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP012921\  
 Data File : PP033094.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Jan 2021 22:02  
 Operator : DD\AJ  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 30 00:30:24 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP012821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jan 29 04:07:51 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... | 4.731  | 4.005  | 2475281 | 2087774 | 43.592   | 45.416     |
| 2)                          | SA Decachlor... | 10.557 | 9.276  | 1901461 | 1697236 | 52.998   | 51.651     |
| Target Compounds            |                 |        |        |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.032  | 5.252  | 4795    | 4251    | 3.114    | 3.339      |
| 4)                          | L1 AR-1016-2    | 6.032f | 5.252f | 4795    | 4251    | 2.017    | 2.253      |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.514  | 0       | 377077  | N.D.     | 479.070 #  |
| 7)                          | L1 AR-1016-5    | 6.538  | 5.742  | 263794  | 206747  | 233.344  | 200.929    |
| 9)                          | L2 AR-1221-2    | 5.078  | 4.358  | 34506   | 26237   | 79.791   | 75.314     |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.252f | 0       | 4251    | N.D.     | 5.162 #    |
| 13)                         | L3 AR-1232-3    | 6.032f | 0.000  | 4795    | 0       | 4.704    | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.557  | 0       | 99886   | N.D.     | 274.062 #  |
| 15)                         | L3 AR-1232-5    | 6.325  | 5.742  | 425037  | 206747  | 1308.447 | 511.864 #  |
| 16)                         | L4 AR-1242-1    | 6.032  | 5.252  | 4795    | 4251    | 3.862    | 4.218      |
| 17)                         | L4 AR-1242-2    | 6.032f | 5.252f | 4795    | 4251    | 2.583    | 2.868      |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.557  | 0       | 99886   | N.D.     | 129.533 #  |
| 20)                         | L4 AR-1242-5    | 7.005  | 6.120  | 246350  | 938164  | 268.980  | 1035.239 # |
| 21)                         | L5 AR-1248-1    | 6.032  | 5.252  | 4795    | 4251    | 5.387    | 5.675      |
| 22)                         | L5 AR-1248-2    | 6.325  | 5.514  | 425037  | 377077  | 352.067  | 354.567    |
| 23)                         | L5 AR-1248-3    | 6.538  | 5.557  | 263794  | 99886   | 175.343  | 88.374 #   |
| 24)                         | L5 AR-1248-4    | 6.963  | 5.742  | 402734  | 206747  | 255.986  | 152.744 #  |
| 25)                         | L5 AR-1248-5    | 7.005  | 6.164  | 246350  | 110510  | 159.183  | 90.917 #   |
| 26)                         | L6 AR-1254-1    | 6.934  | 6.120  | 753684  | 938164  | 447.327  | 468.080    |
| 27)                         | L6 AR-1254-2    | 7.162  | 6.279  | 1219537 | 803093  | 472.313  | 470.048    |
| 28)                         | L6 AR-1254-3    | 7.541  | 6.698  | 1310035 | 1308460 | 501.157  | 481.277    |
| 29)                         | L6 AR-1254-4    | 7.835  | 6.938  | 996711  | 768141  | 564.917  | 538.503    |
| 30)                         | L6 AR-1254-5    | 8.261  | 7.364  | 1038903 | 1167304 | 524.761  | 516.833    |
| 31)                         | L7 AR-1260-1    | 7.707  | 6.834  | 522962  | 640940  | 282.934  | 354.370 #  |
| 32)                         | L7 AR-1260-2    | 7.972  | 7.030  | 645239  | 520607  | 263.575  | 251.406    |
| 33)                         | L7 AR-1260-3    | 8.322f | 7.182  | 136162  | 536992  | 63.791   | 248.399 #  |
| 34)                         | L7 AR-1260-4    | 8.554f | 7.665  | 394742  | 53723   | 193.345  | 31.407 #   |
| 35)                         | L7 AR-1260-5    | 8.877  | 7.913  | 156142  | 131831  | 35.161   | 34.316     |
| 36)                         | L8 AR-1262-1    | 8.322f | 7.364  | 136162  | 1167304 | 43.990   | 988.082 #  |
| 37)                         | L8 AR-1262-2    | 8.877  | 7.913  | 156142  | 131831  | 32.755   | 33.771     |
| 38)                         | L8 AR-1262-3    | 9.189  | 0.000  | 124513  | 0       | 37.015   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 9.236f | 8.259  | 27467   | 134901  | 9.887    | 43.072 #   |
| 41)                         | L9 AR-1268-1    | 9.189f | 0.000  | 124513  | 0       | 20.139   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 9.236f | 8.259  | 27467   | 134901  | 4.911    | 30.076 #   |
| -----                       |                 |        |        |         |         |          |            |

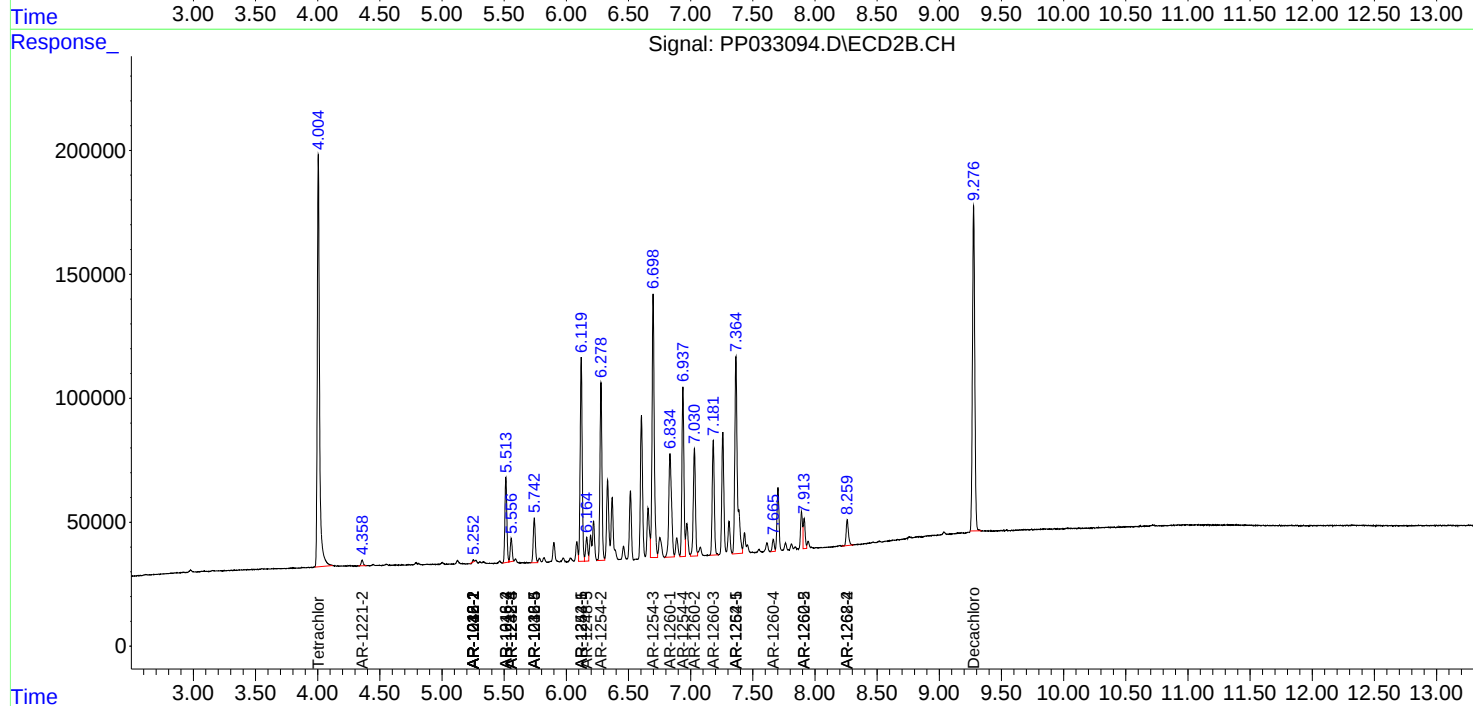
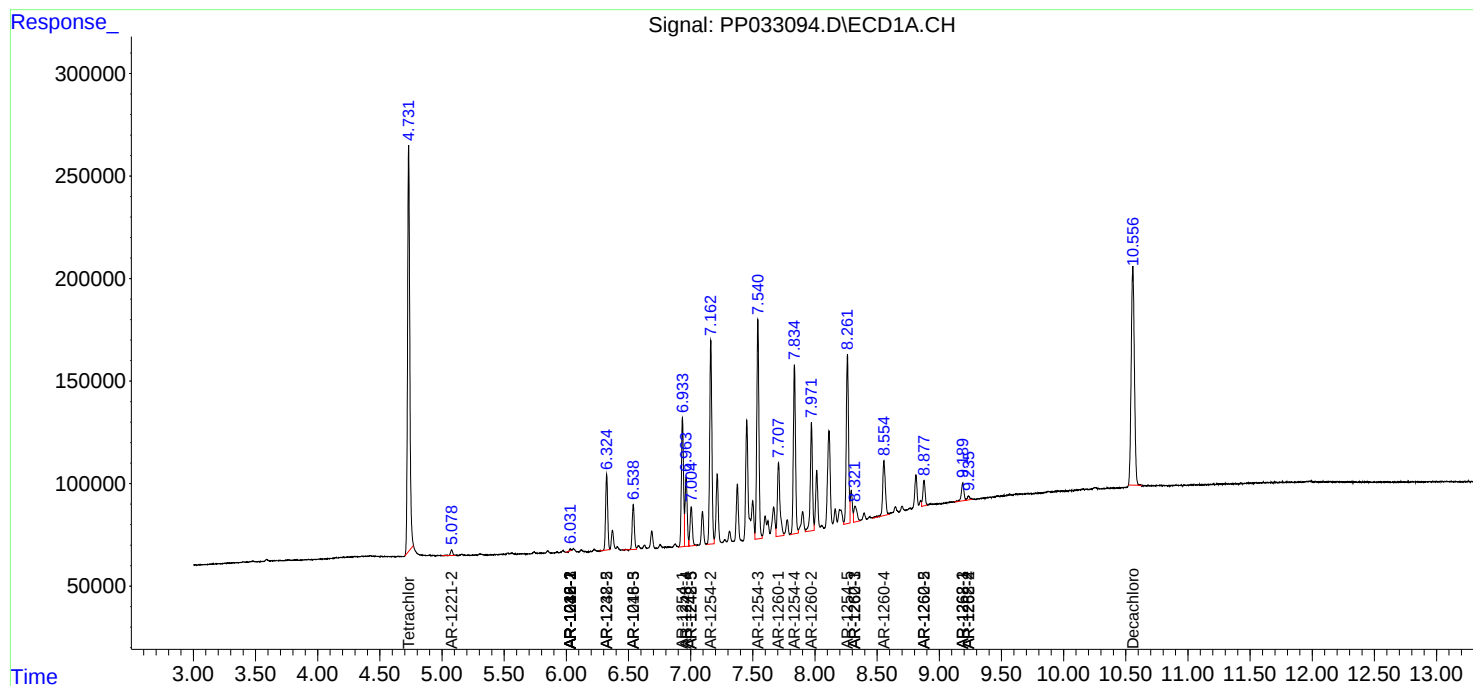
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

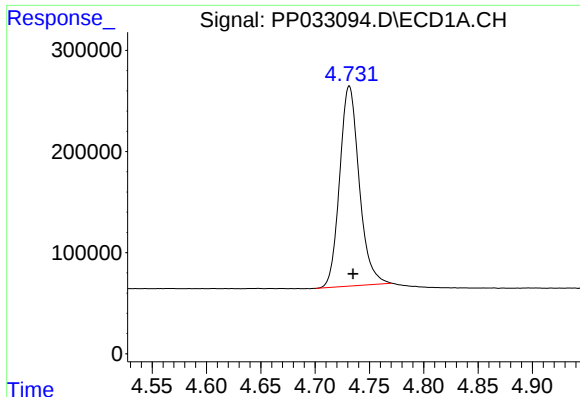
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP012921\  
Data File : PP033094.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 29 Jan 2021 22:02  
Operator : DD\AJ  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 30 00:30:24 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP012821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jan 29 04:07:51 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

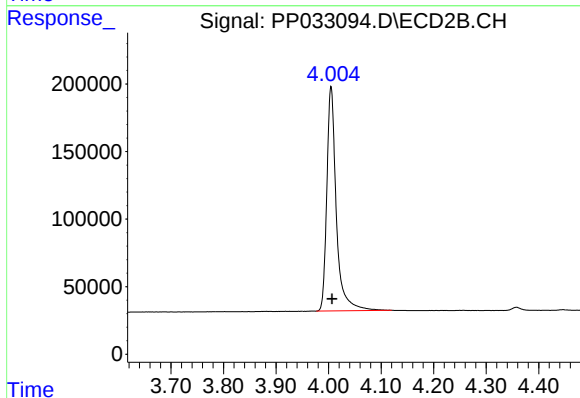




#1 Tetrachloro-m-xylene

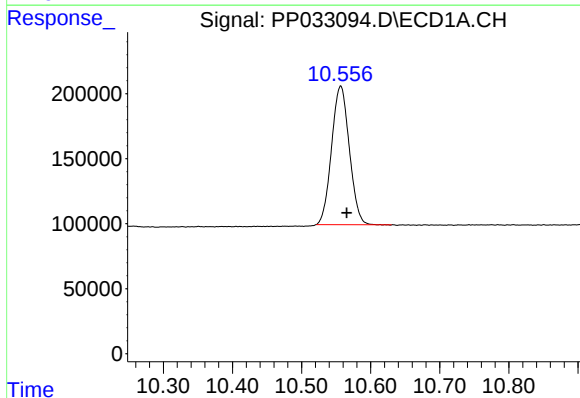
R.T.: 4.731 min  
Delta R.T.: -0.004 min  
Response: 2475281  
Conc: 43.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



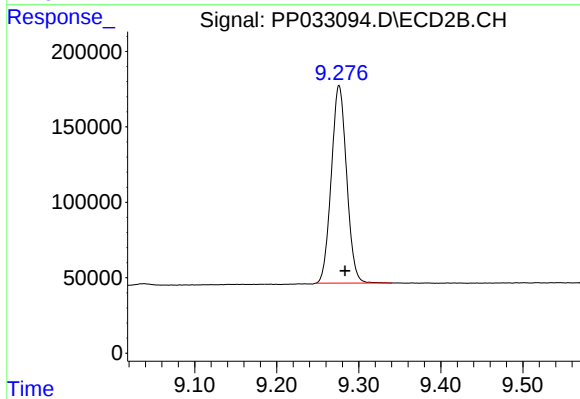
#1 Tetrachloro-m-xylene

R.T.: 4.005 min  
Delta R.T.: -0.002 min  
Response: 2087774  
Conc: 45.42 ng/ml



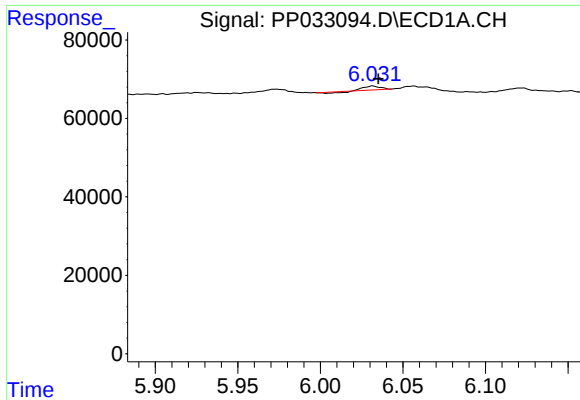
#2 Decachlorobiphenyl

R.T.: 10.557 min  
Delta R.T.: -0.009 min  
Response: 1901461  
Conc: 53.00 ng/ml



#2 Decachlorobiphenyl

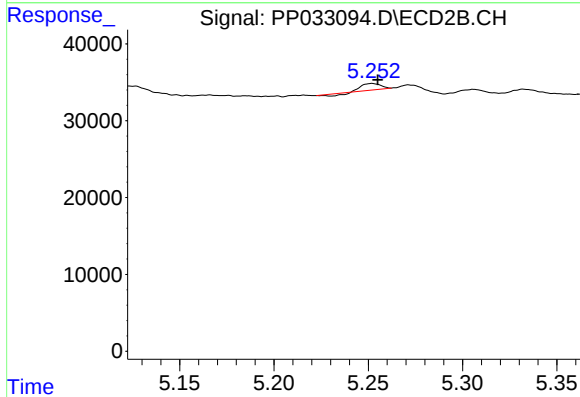
R.T.: 9.276 min  
Delta R.T.: -0.007 min  
Response: 1697236  
Conc: 51.65 ng/ml



#3 AR-1016-1

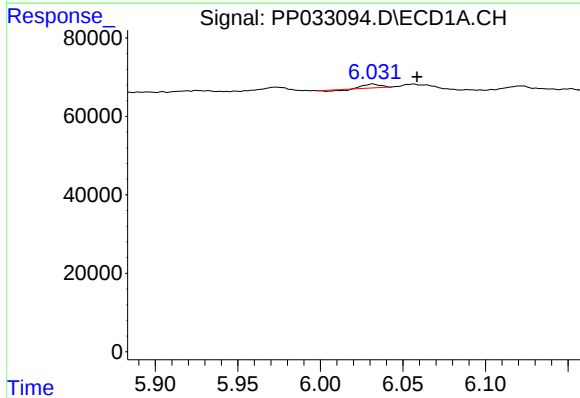
R.T.: 6.032 min  
Delta R.T.: -0.003 min  
Response: 4795  
Conc: 3.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



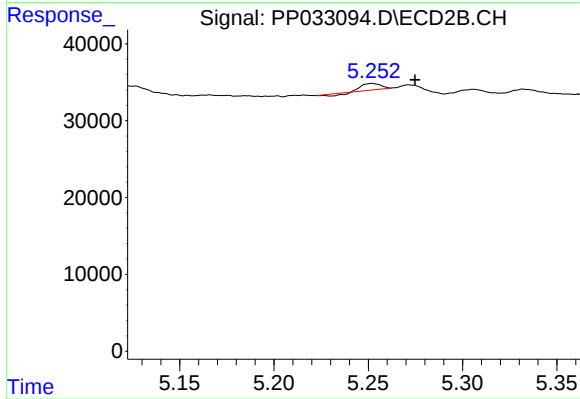
#3 AR-1016-1

R.T.: 5.252 min  
Delta R.T.: -0.003 min  
Response: 4251  
Conc: 3.34 ng/ml



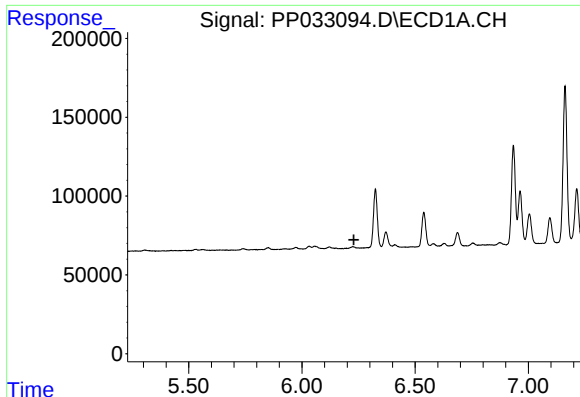
#4 AR-1016-2

R.T.: 6.032 min  
Delta R.T.: -0.027 min  
Response: 4795  
Conc: 2.02 ng/ml



#4 AR-1016-2

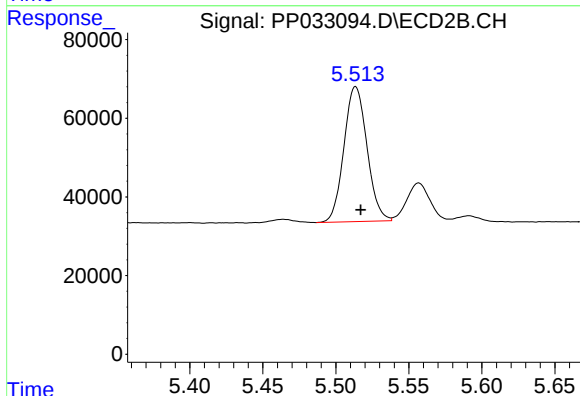
R.T.: 5.252 min  
Delta R.T.: -0.023 min  
Response: 4251  
Conc: 2.25 ng/ml



#6 AR-1016-4

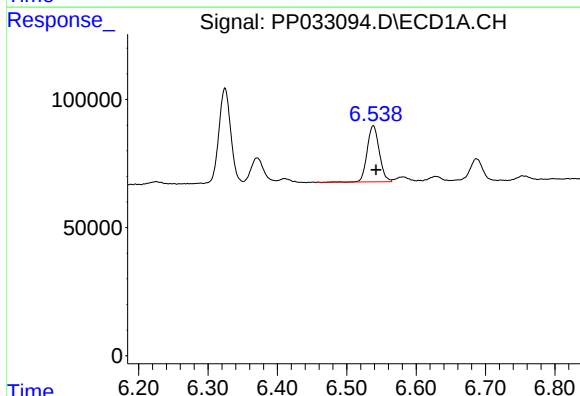
R.T.: 0.000 min  
Exp R.T.: 6.229 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



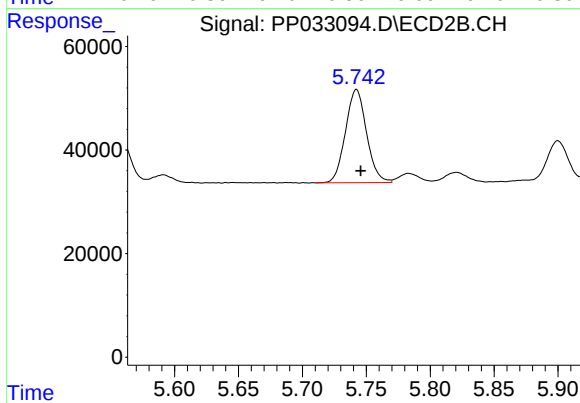
#6 AR-1016-4

R.T.: 5.514 min  
Delta R.T.: -0.003 min  
Response: 377077  
Conc: 479.07 ng/ml



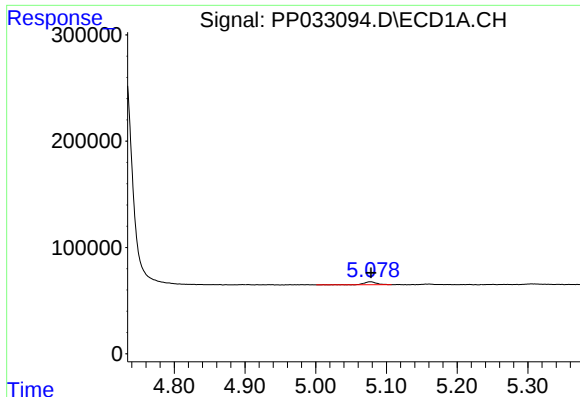
#7 AR-1016-5

R.T.: 6.538 min  
Delta R.T.: -0.004 min  
Response: 263794  
Conc: 233.34 ng/ml



#7 AR-1016-5

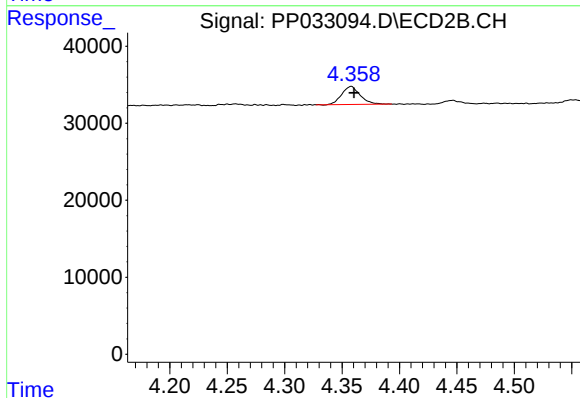
R.T.: 5.742 min  
Delta R.T.: -0.003 min  
Response: 206747  
Conc: 200.93 ng/ml



#9 AR-1221-2

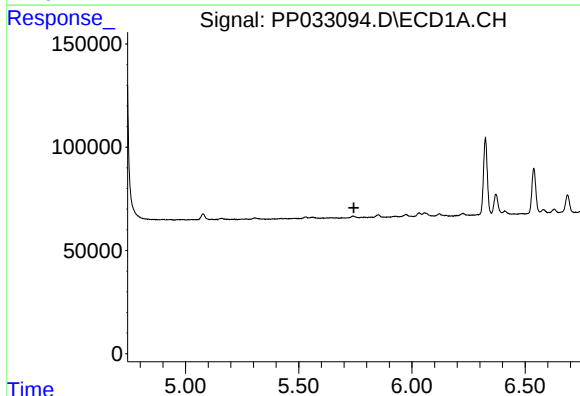
R.T.: 5.078 min  
Delta R.T.: 0.000 min  
Response: 34506  
Conc: 79.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



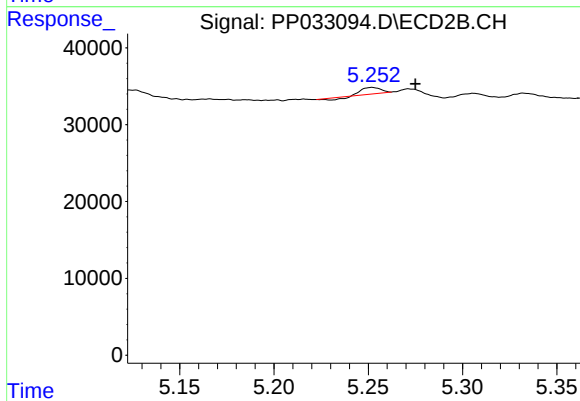
#9 AR-1221-2

R.T.: 4.358 min  
Delta R.T.: -0.003 min  
Response: 26237  
Conc: 75.31 ng/ml



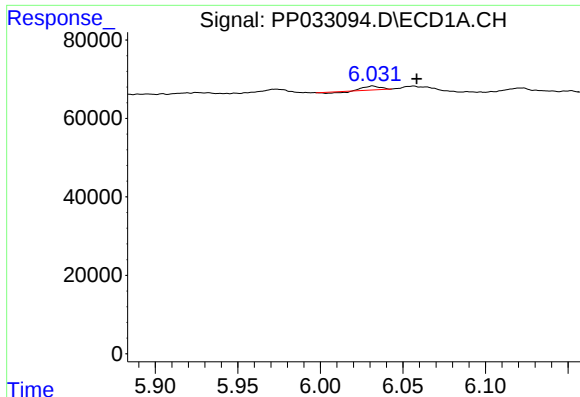
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.744 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

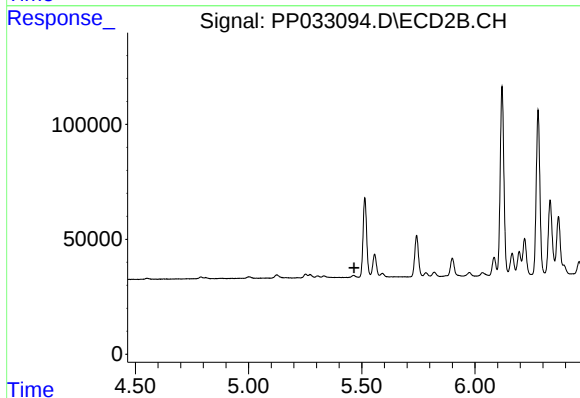
R.T.: 5.252 min  
Delta R.T.: -0.023 min  
Response: 4251  
Conc: 5.16 ng/ml



#13 AR-1232-3

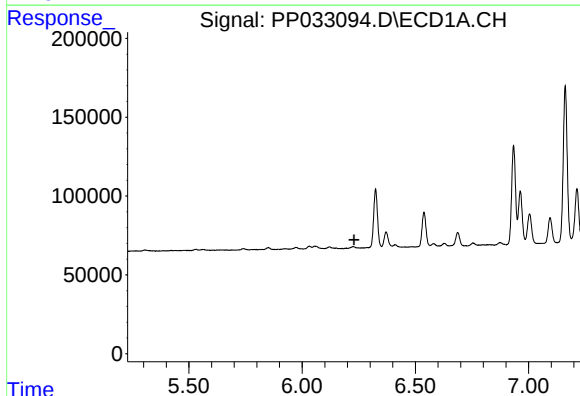
R.T.: 6.032 min  
Delta R.T.: -0.027 min  
Response: 4795  
Conc: 4.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



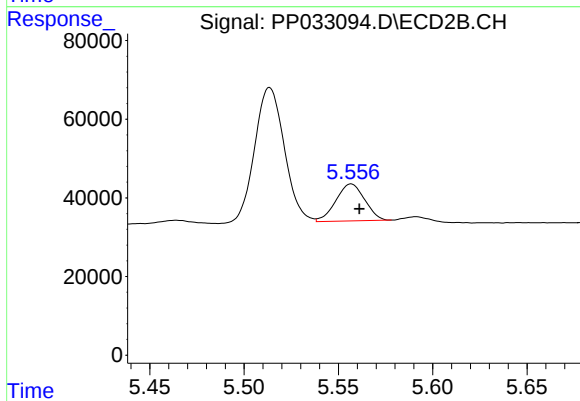
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.466 min  
Response: 0  
Conc: N.D.



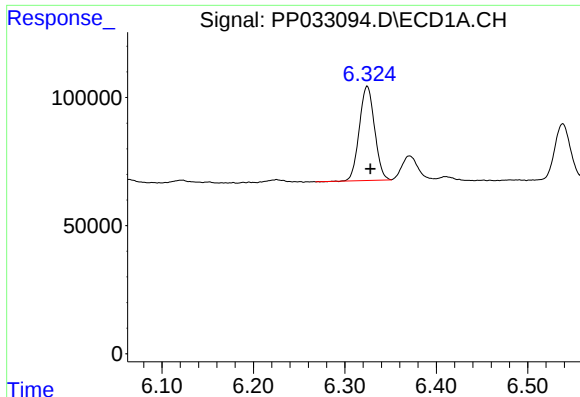
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.229 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

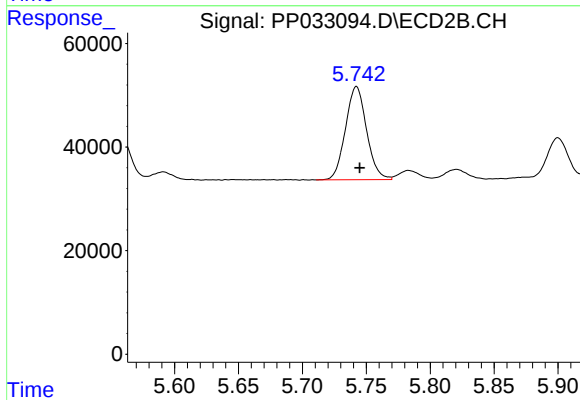
R.T.: 5.557 min  
Delta R.T.: -0.004 min  
Response: 99886  
Conc: 274.06 ng/ml



#15 AR-1232-5

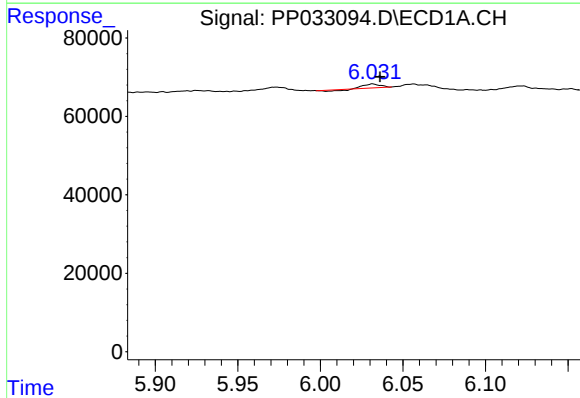
R.T.: 6.325 min  
Delta R.T.: -0.003 min  
Response: 425037  
Conc: 1308.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



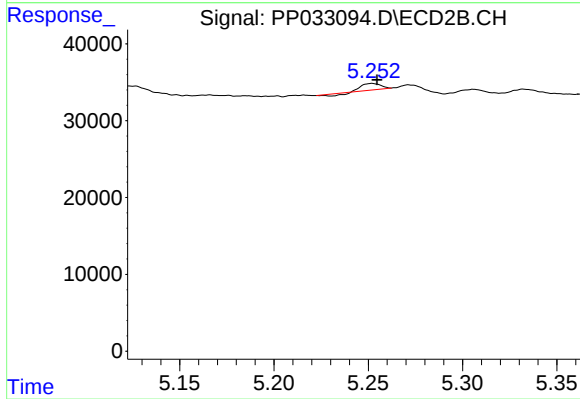
#15 AR-1232-5

R.T.: 5.742 min  
Delta R.T.: -0.002 min  
Response: 206747  
Conc: 511.86 ng/ml



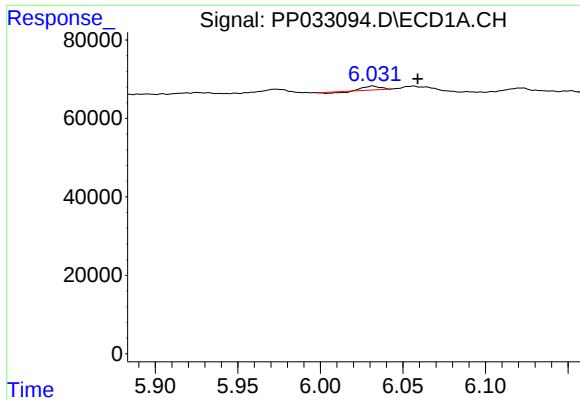
#16 AR-1242-1

R.T.: 6.032 min  
Delta R.T.: -0.004 min  
Response: 4795  
Conc: 3.86 ng/ml



#16 AR-1242-1

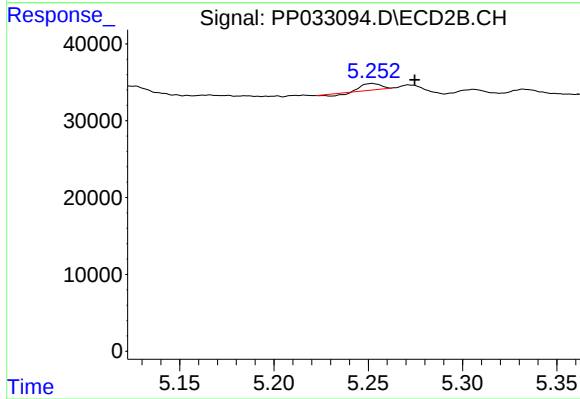
R.T.: 5.252 min  
Delta R.T.: -0.002 min  
Response: 4251  
Conc: 4.22 ng/ml



#17 AR-1242-2

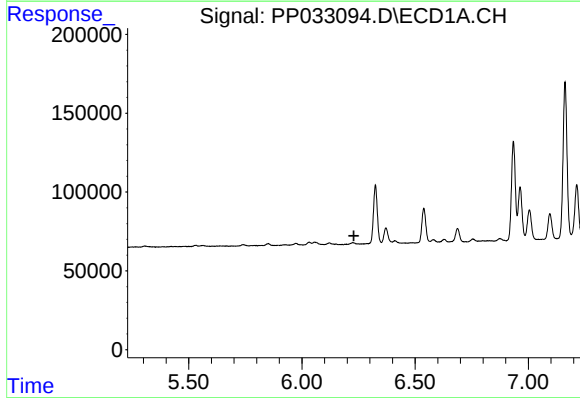
R.T.: 6.032 min  
Delta R.T.: -0.027 min  
Response: 4795  
Conc: 2.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



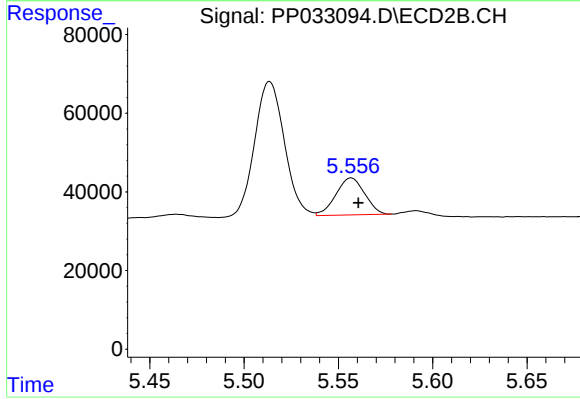
#17 AR-1242-2

R.T.: 5.252 min  
Delta R.T.: -0.023 min  
Response: 4251  
Conc: 2.87 ng/ml



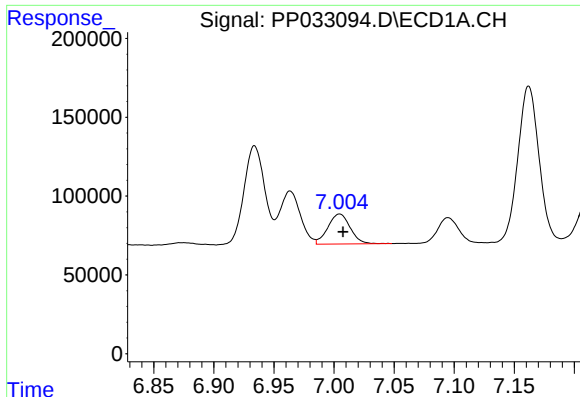
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.229 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

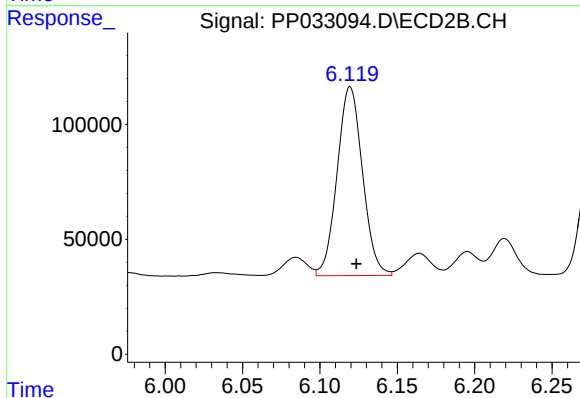
R.T.: 5.557 min  
Delta R.T.: -0.004 min  
Response: 99886  
Conc: 129.53 ng/ml



#20 AR-1242-5

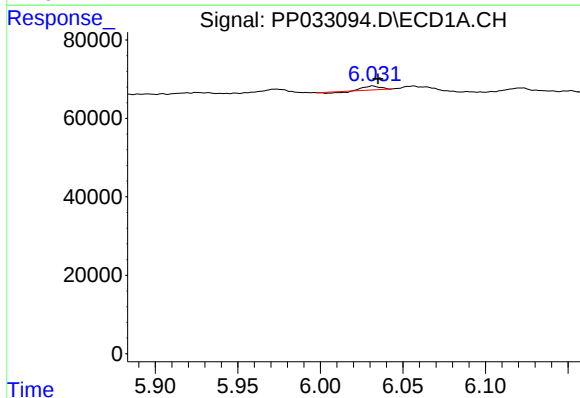
R.T.: 7.005 min  
Delta R.T.: -0.003 min  
Response: 246350  
Conc: 268.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



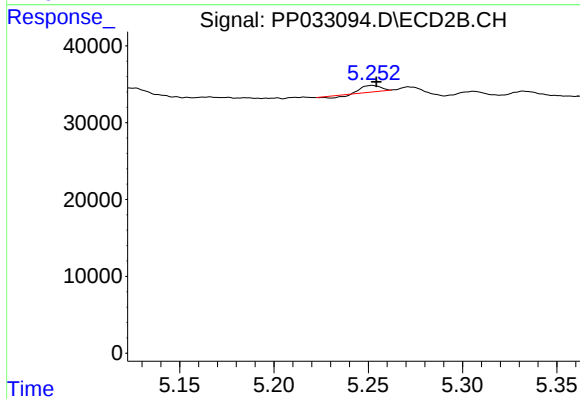
#20 AR-1242-5

R.T.: 6.120 min  
Delta R.T.: -0.004 min  
Response: 938164  
Conc: 1035.24 ng/ml



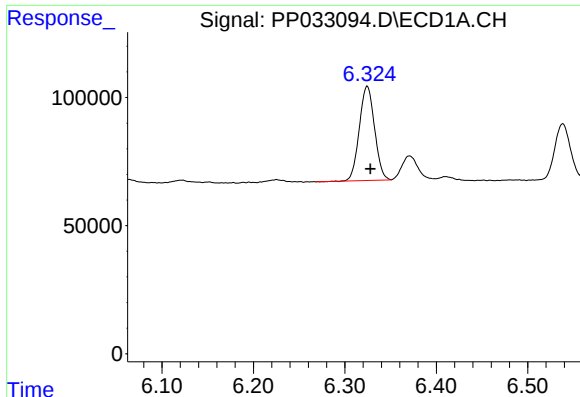
#21 AR-1248-1

R.T.: 6.032 min  
Delta R.T.: -0.003 min  
Response: 4795  
Conc: 5.39 ng/ml



#21 AR-1248-1

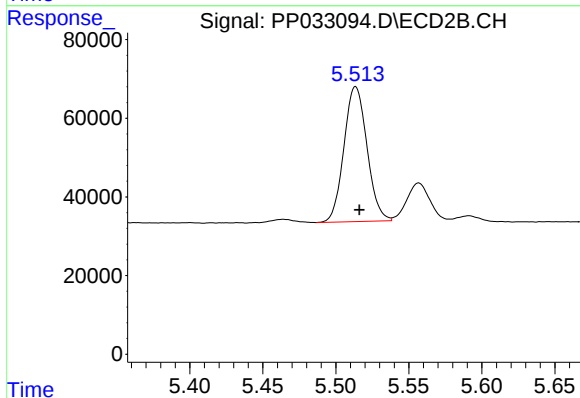
R.T.: 5.252 min  
Delta R.T.: -0.002 min  
Response: 4251  
Conc: 5.68 ng/ml



#22 AR-1248-2

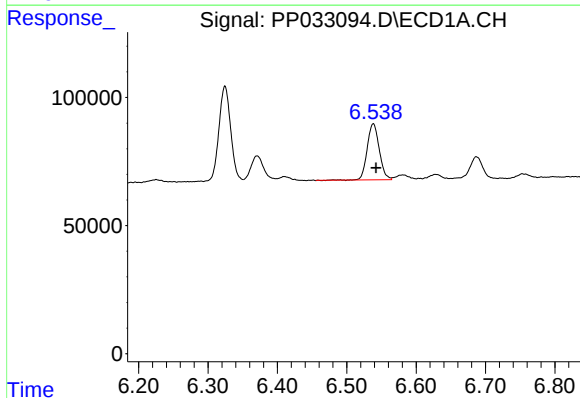
R.T.: 6.325 min  
Delta R.T.: -0.003 min  
Response: 425037  
Conc: 352.07 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



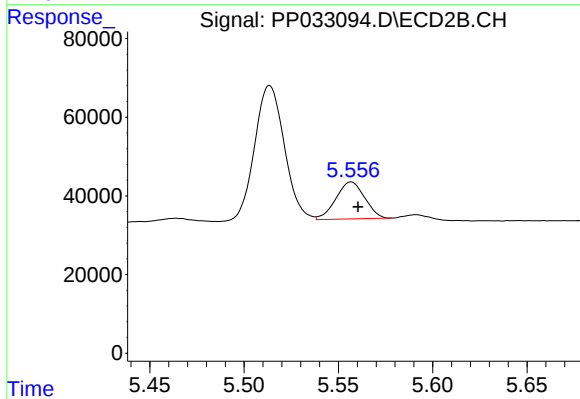
#22 AR-1248-2

R.T.: 5.514 min  
Delta R.T.: -0.003 min  
Response: 377077  
Conc: 354.57 ng/ml



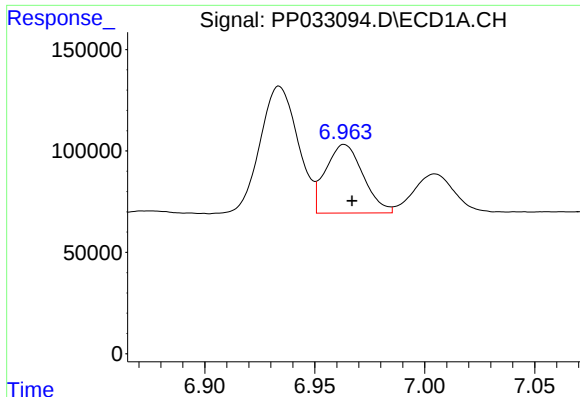
#23 AR-1248-3

R.T.: 6.538 min  
Delta R.T.: -0.004 min  
Response: 263794  
Conc: 175.34 ng/ml



#23 AR-1248-3

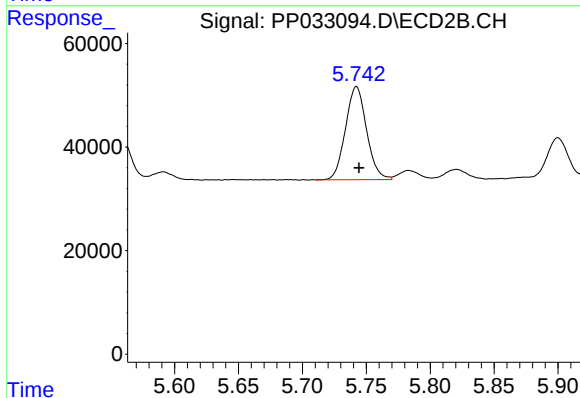
R.T.: 5.557 min  
Delta R.T.: -0.004 min  
Response: 99886  
Conc: 88.37 ng/ml



#24 AR-1248-4

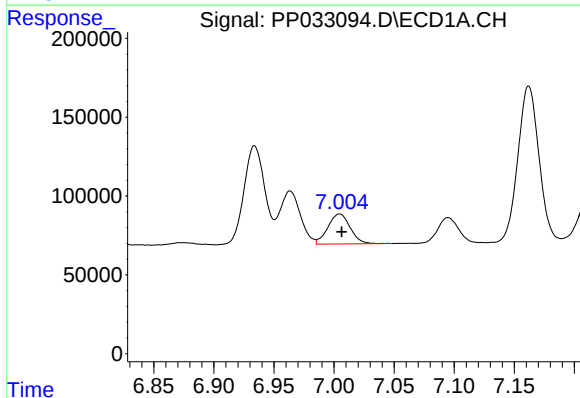
R.T.: 6.963 min  
Delta R.T.: -0.003 min  
Response: 402734  
Conc: 255.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



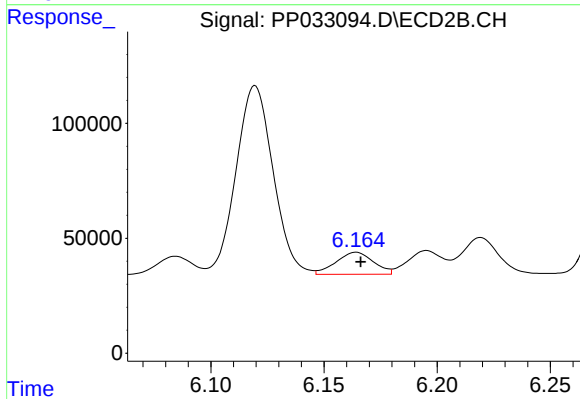
#24 AR-1248-4

R.T.: 5.742 min  
Delta R.T.: -0.002 min  
Response: 206747  
Conc: 152.74 ng/ml



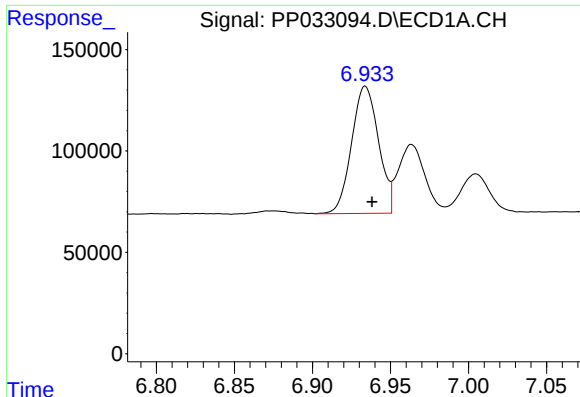
#25 AR-1248-5

R.T.: 7.005 min  
Delta R.T.: -0.002 min  
Response: 246350  
Conc: 159.18 ng/ml



#25 AR-1248-5

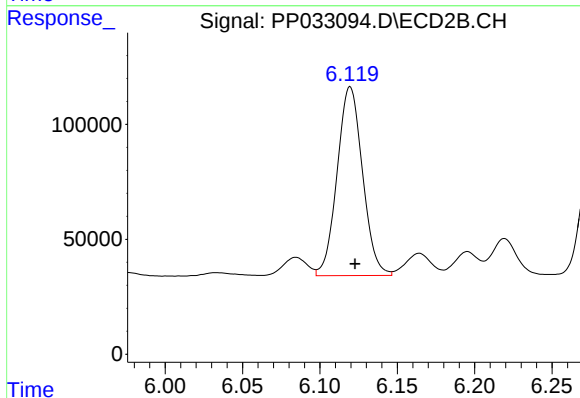
R.T.: 6.164 min  
Delta R.T.: -0.002 min  
Response: 110510  
Conc: 90.92 ng/ml



#26 AR-1254-1

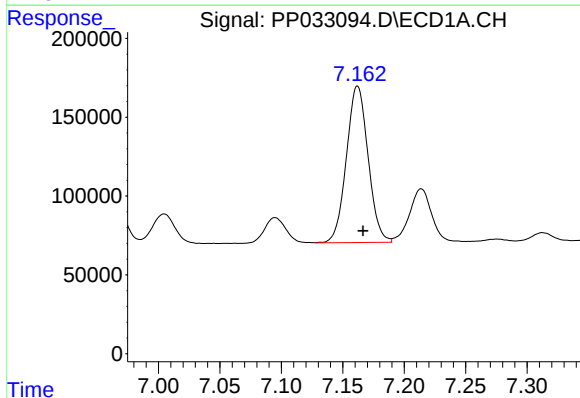
R.T.: 6.934 min  
Delta R.T.: -0.004 min  
Response: 753684  
Conc: 447.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



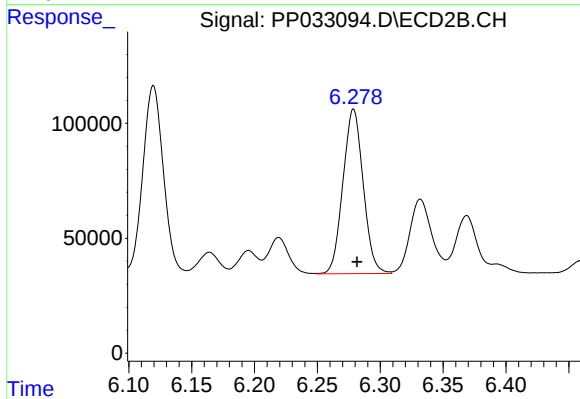
#26 AR-1254-1

R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 938164  
Conc: 468.08 ng/ml



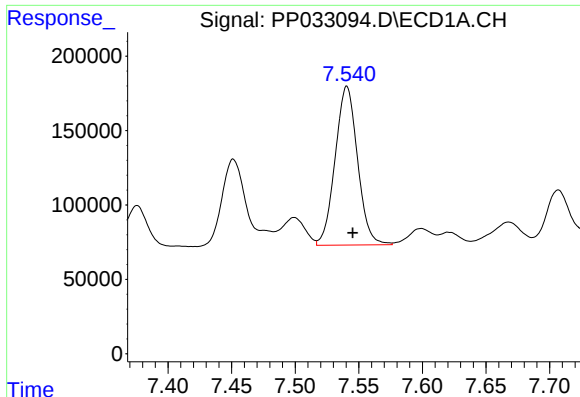
#27 AR-1254-2

R.T.: 7.162 min  
Delta R.T.: -0.005 min  
Response: 1219537  
Conc: 472.31 ng/ml



#27 AR-1254-2

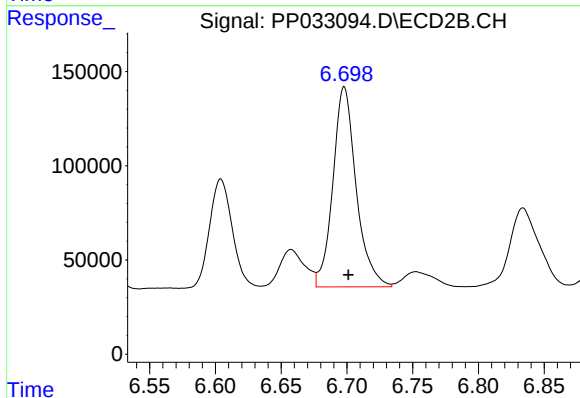
R.T.: 6.279 min  
Delta R.T.: -0.003 min  
Response: 803093  
Conc: 470.05 ng/ml



#28 AR-1254-3

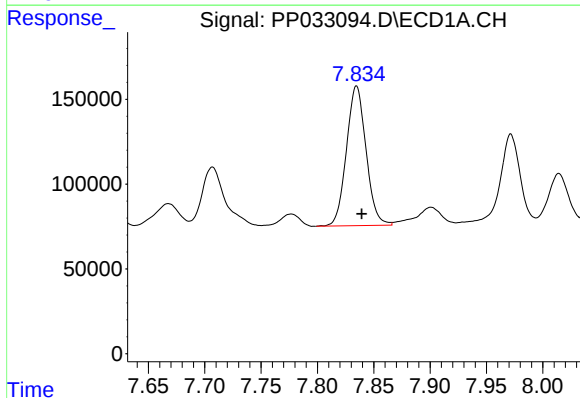
R.T.: 7.541 min  
Delta R.T.: -0.005 min  
Response: 1310035  
Conc: 501.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



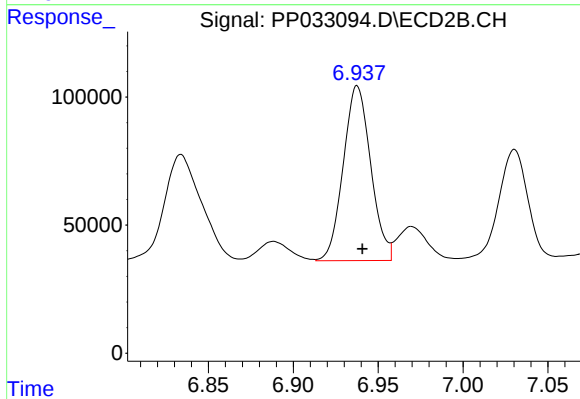
#28 AR-1254-3

R.T.: 6.698 min  
Delta R.T.: -0.003 min  
Response: 1308460  
Conc: 481.28 ng/ml



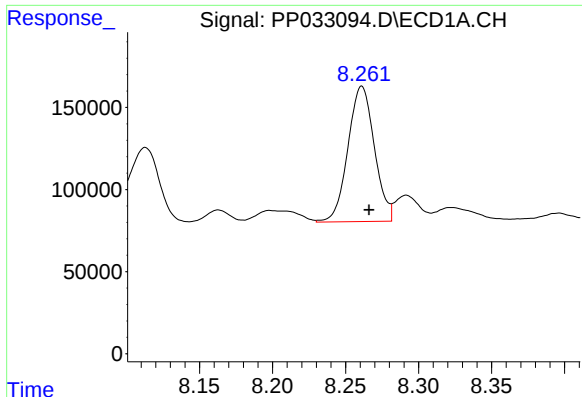
#29 AR-1254-4

R.T.: 7.835 min  
Delta R.T.: -0.005 min  
Response: 996711  
Conc: 564.92 ng/ml



#29 AR-1254-4

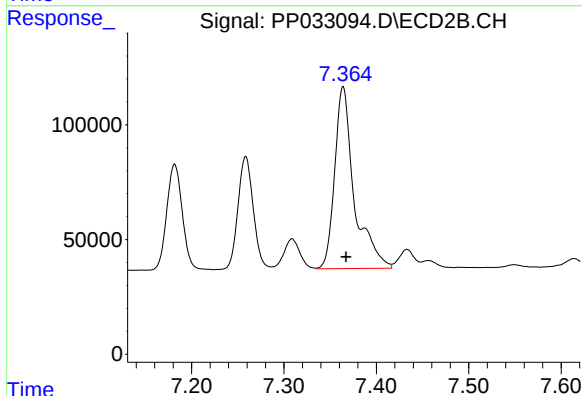
R.T.: 6.938 min  
Delta R.T.: -0.003 min  
Response: 768141  
Conc: 538.50 ng/ml



#30 AR-1254-5

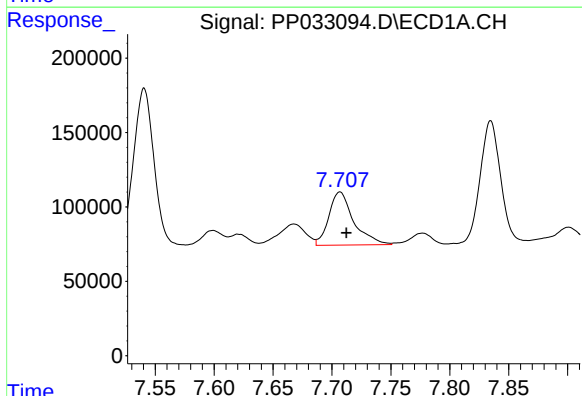
R.T.: 8.261 min  
Delta R.T.: -0.005 min  
Response: 1038903  
Conc: 524.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



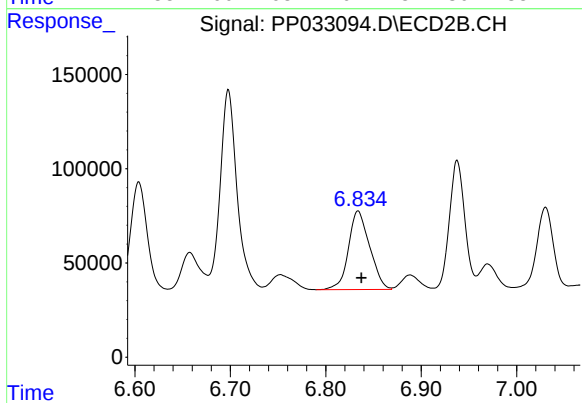
#30 AR-1254-5

R.T.: 7.364 min  
Delta R.T.: -0.003 min  
Response: 1167304  
Conc: 516.83 ng/ml



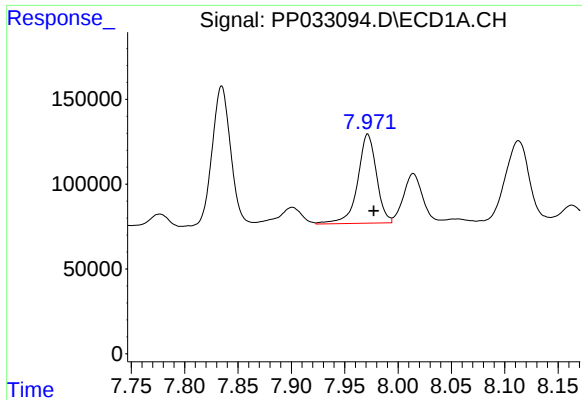
#31 AR-1260-1

R.T.: 7.707 min  
Delta R.T.: -0.005 min  
Response: 522962  
Conc: 282.93 ng/ml



#31 AR-1260-1

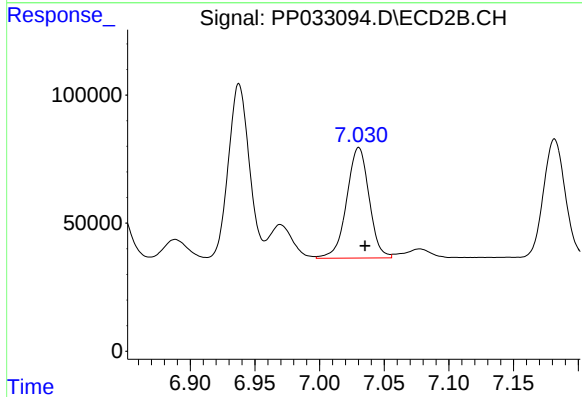
R.T.: 6.834 min  
Delta R.T.: -0.003 min  
Response: 640940  
Conc: 354.37 ng/ml



#32 AR-1260-2

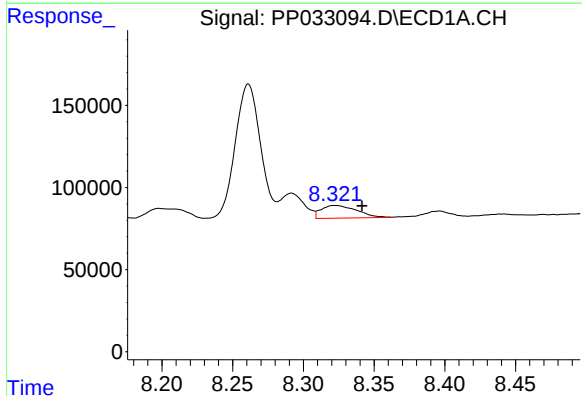
R.T.: 7.972 min  
Delta R.T.: -0.006 min  
Response: 645239  
Conc: 263.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



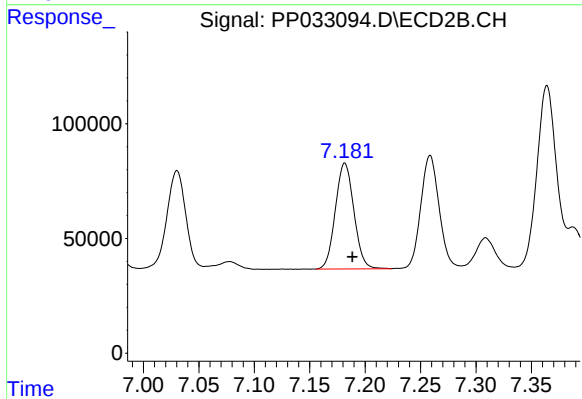
#32 AR-1260-2

R.T.: 7.030 min  
Delta R.T.: -0.005 min  
Response: 520607  
Conc: 251.41 ng/ml



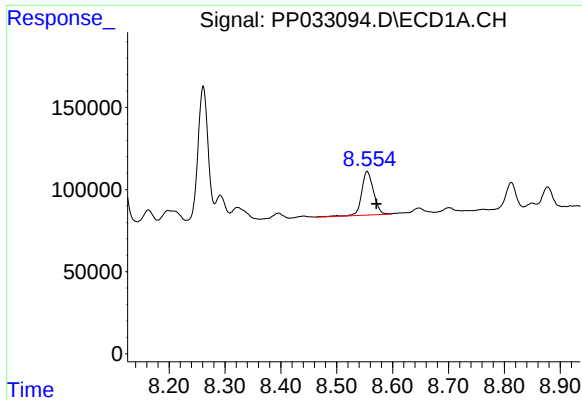
#33 AR-1260-3

R.T.: 8.322 min  
Delta R.T.: -0.019 min  
Response: 136162  
Conc: 63.79 ng/ml



#33 AR-1260-3

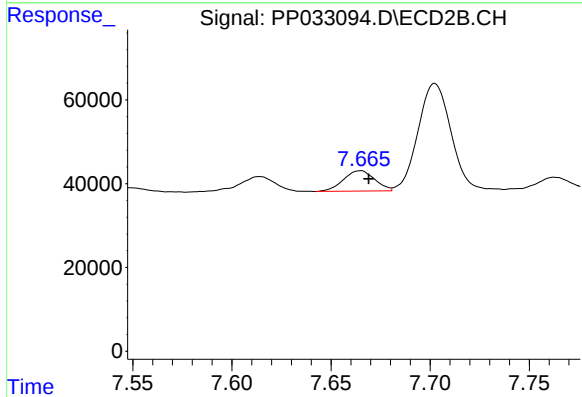
R.T.: 7.182 min  
Delta R.T.: -0.007 min  
Response: 536992  
Conc: 248.40 ng/ml



#34 AR-1260-4

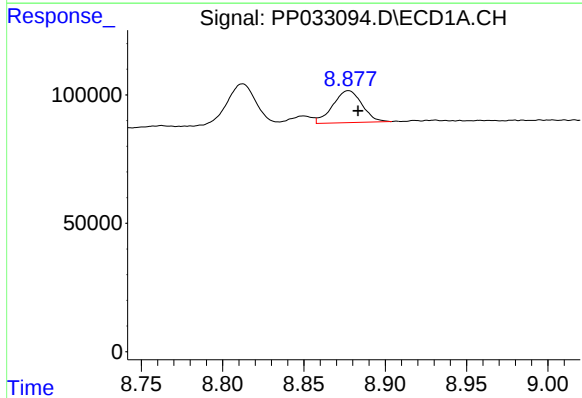
R.T.: 8.554 min  
Delta R.T.: -0.017 min  
Response: 394742  
Conc: 193.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



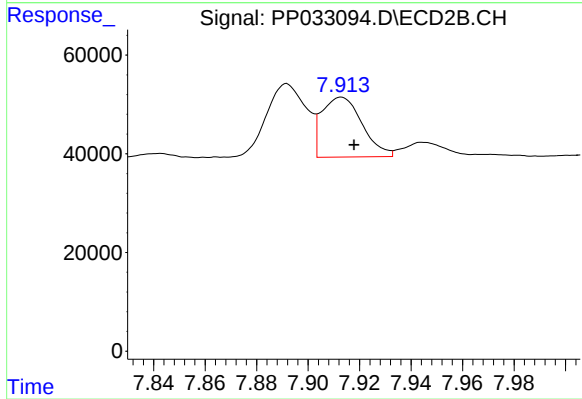
#34 AR-1260-4

R.T.: 7.665 min  
Delta R.T.: -0.004 min  
Response: 53723  
Conc: 31.41 ng/ml



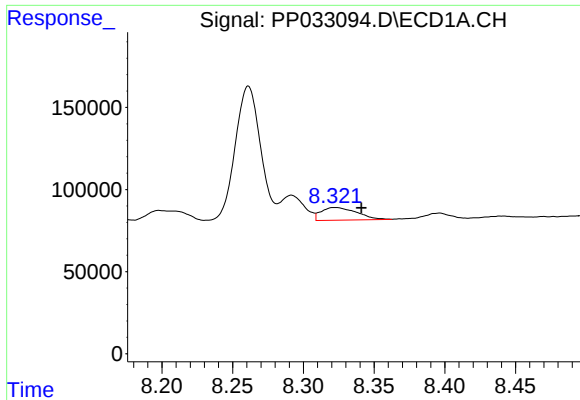
#35 AR-1260-5

R.T.: 8.877 min  
Delta R.T.: -0.006 min  
Response: 156142  
Conc: 35.16 ng/ml



#35 AR-1260-5

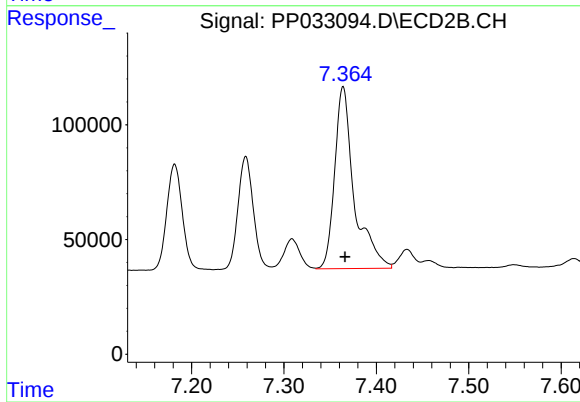
R.T.: 7.913 min  
Delta R.T.: -0.005 min  
Response: 131831  
Conc: 34.32 ng/ml



#36 AR-1262-1

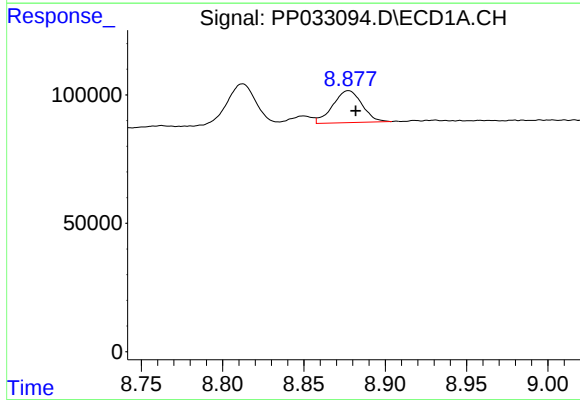
R.T.: 8.322 min  
Delta R.T.: -0.019 min  
Response: 136162  
Conc: 43.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



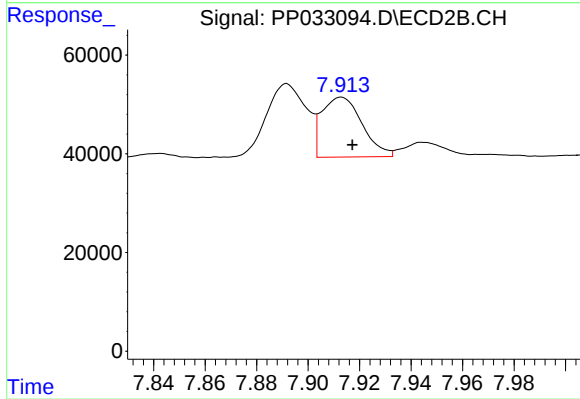
#36 AR-1262-1

R.T.: 7.364 min  
Delta R.T.: -0.002 min  
Response: 1167304  
Conc: 988.08 ng/ml



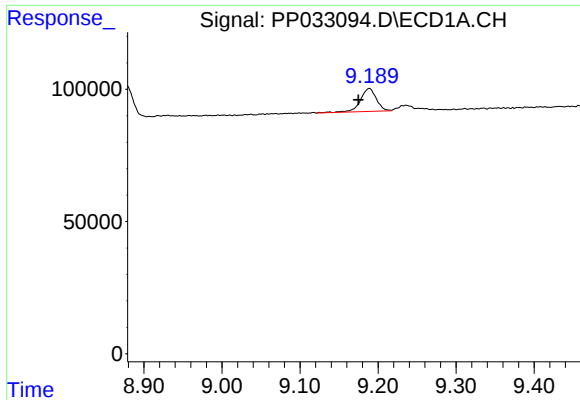
#37 AR-1262-2

R.T.: 8.877 min  
Delta R.T.: -0.004 min  
Response: 156142  
Conc: 32.76 ng/ml



#37 AR-1262-2

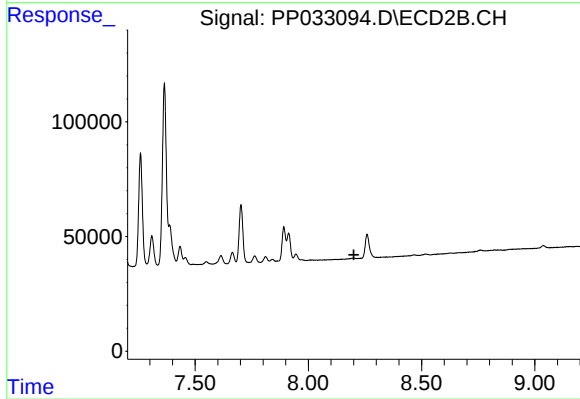
R.T.: 7.913 min  
Delta R.T.: -0.004 min  
Response: 131831  
Conc: 33.77 ng/ml



#38 AR-1262-3

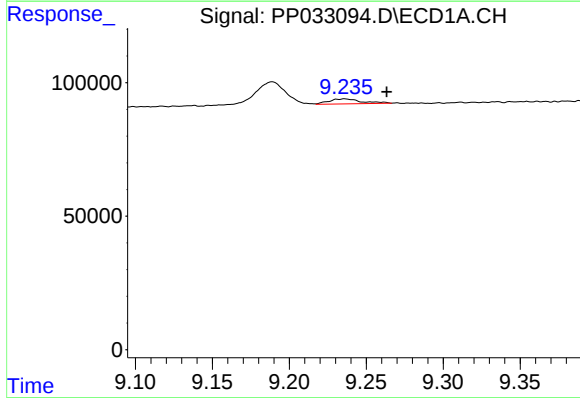
R.T.: 9.189 min  
Delta R.T.: 0.014 min  
Response: 124513  
Conc: 37.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



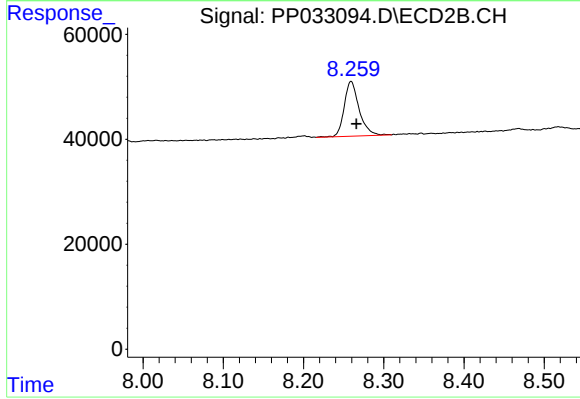
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.201 min  
Response: 0  
Conc: N.D.



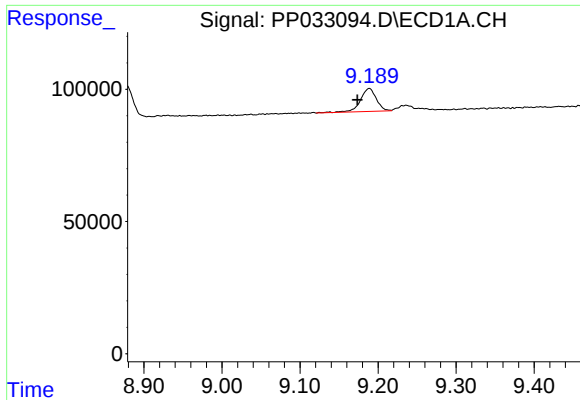
#39 AR-1262-4

R.T.: 9.236 min  
Delta R.T.: -0.027 min  
Response: 27467  
Conc: 9.89 ng/ml



#39 AR-1262-4

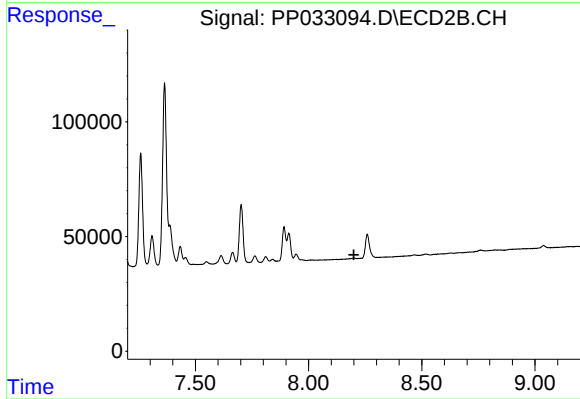
R.T.: 8.259 min  
Delta R.T.: -0.007 min  
Response: 134901  
Conc: 43.07 ng/ml



#41 AR-1268-1

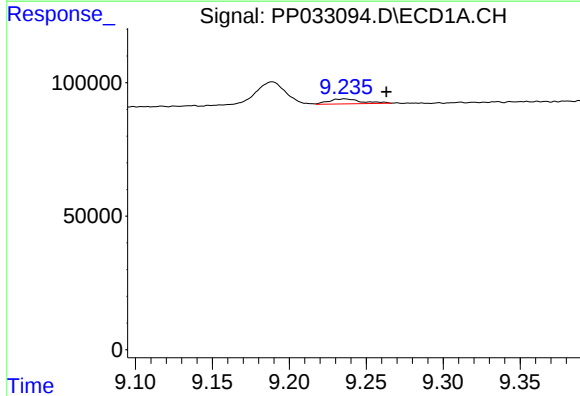
R.T.: 9.189 min  
Delta R.T.: 0.015 min  
Response: 124513  
Conc: 20.14 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



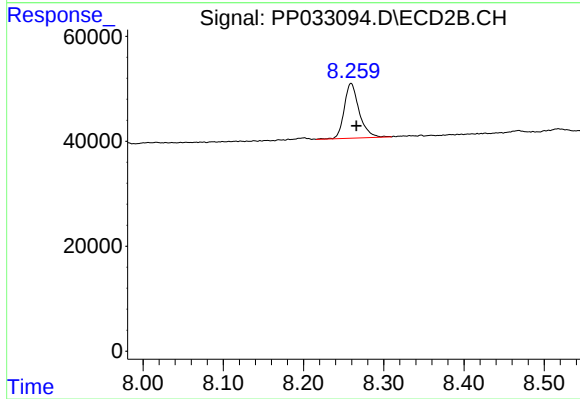
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.200 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 9.236 min  
Delta R.T.: -0.027 min  
Response: 27467  
Conc: 4.91 ng/ml



#42 AR-1268-2

R.T.: 8.259 min  
Delta R.T.: -0.006 min  
Response: 134901  
Conc: 30.08 ng/ml