

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0011421\  
 Data File : P0074712.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 15 Jan 2021 2:20  
 Operator : AJ/MA  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1254CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 15 03:53:25 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0011121.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jan 12 06:02:45 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... | 4.930  | 4.003 | 5628775 | 2871263 | 53.344   | 51.043     |
| 2)                          | SA Decachlor... | 10.947 | 9.255 | 5301562 | 2710252 | 52.236   | 49.363     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.254  | 5.247 | 63721   | 32130   | 15.585   | 14.047     |
| 4)                          | L1 AR-1016-2    | 6.278  | 5.267 | 73415   | 25206   | 12.891   | 7.977 #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.508 | 0       | 710199  | N.D.     | 505.330 #  |
| 7)                          | L1 AR-1016-5    | 6.766  | 5.734 | 703186  | 375664  | 257.104  | 218.461    |
| 9)                          | L2 AR-1221-2    | 5.282  | 4.351 | 75555   | 37683   | 83.854   | 70.511     |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.267 | 0       | 25206   | N.D.     | 18.668 #   |
| 13)                         | L3 AR-1232-3    | 6.278  | 0.000 | 73415   | 0       | 30.426   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.551 | 0       | 220084  | N.D.     | 346.069 #  |
| 15)                         | L3 AR-1232-5    | 6.549  | 5.734 | 1234447 | 375664  | 1517.164 | 540.992 #  |
| 16)                         | L4 AR-1242-1    | 6.254  | 5.247 | 63721   | 32130   | 19.788   | 17.432     |
| 17)                         | L4 AR-1242-2    | 6.278  | 5.267 | 73415   | 25206   | 16.268   | 10.013 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.551 | 0       | 220084  | N.D.     | 168.393 #  |
| 20)                         | L4 AR-1242-5    | 7.238  | 6.112 | 743514  | 1800998 | 295.457  | 1028.653 # |
| 21)                         | L5 AR-1248-1    | 6.254  | 5.247 | 63721   | 32130   | 26.468   | 23.362     |
| 22)                         | L5 AR-1248-2    | 6.549  | 5.508 | 1234447 | 710199  | 396.921  | 377.897    |
| 23)                         | L5 AR-1248-3    | 6.766  | 5.551 | 703186  | 220084  | 194.182  | 116.594 #  |
| 24)                         | L5 AR-1248-4    | 7.196  | 5.734 | 1266472 | 375664  | 283.995  | 166.787 #  |
| 25)                         | L5 AR-1248-5    | 7.238  | 6.154 | 743514  | 263043  | 176.432  | 111.885 #  |
| 26)                         | L6 AR-1254-1    | 7.166  | 6.112 | 2426793 | 1800998 | 551.777  | 498.614    |
| 27)                         | L6 AR-1254-2    | 7.396  | 6.271 | 3370021 | 1532152 | 494.808  | 491.620    |
| 28)                         | L6 AR-1254-3    | 7.779  | 6.687 | 3523686 | 2446189 | 502.355  | 498.823    |
| 29)                         | L6 AR-1254-4    | 8.076  | 6.925 | 3065298 | 1666619 | 505.435  | 480.601    |
| 30)                         | L6 AR-1254-5    | 8.504  | 7.350 | 2871887 | 2150362 | 494.391  | 475.119    |
| 31)                         | L7 AR-1260-1    | 7.946  | 6.824 | 1558182 | 1271787 | 312.340  | 398.644 #  |
| 32)                         | L7 AR-1260-2    | 8.211  | 7.019 | 1851521 | 1052666 | 272.198  | 247.625    |
| 33)                         | L7 AR-1260-3    | 8.568  | 7.169 | 364411  | 979475  | 63.578   | 271.814 #  |
| 34)                         | L7 AR-1260-4    | 8.803  | 7.651 | 1116053 | 112669  | 203.983  | 35.981 #   |
| 35)                         | L7 AR-1260-5    | 9.135  | 7.896 | 437198  | 280059  | 34.990   | 35.233     |
| 36)                         | L8 AR-1262-1    | 8.568  | 7.350 | 364411  | 2150362 | 40.926   | 845.076 #  |
| 37)                         | L8 AR-1262-2    | 9.135  | 7.896 | 437198  | 280059  | 28.556   | 30.460     |
| 38)                         | L8 AR-1262-3    | 9.470f | 8.181 | 358941  | 29432   | 35.838   | 7.443 #    |
| 39)                         | L8 AR-1262-4    | 9.516f | 8.241 | 93617   | 273474  | 12.570   | 41.278 #   |
| 41)                         | L9 AR-1268-1    | 9.470f | 8.181 | 358941  | 29432   | 19.212   | 2.629 #    |
| 42)                         | L9 AR-1268-2    | 9.516f | 8.241 | 93617   | 273474  | 5.868    | 28.585 #   |
| 45)                         | L9 AR-1268-5    | 10.620 | 9.014 | 93108   | 27523   | 2.228    | 1.162 #    |
| -----                       |                 |        |       |         |         |          |            |

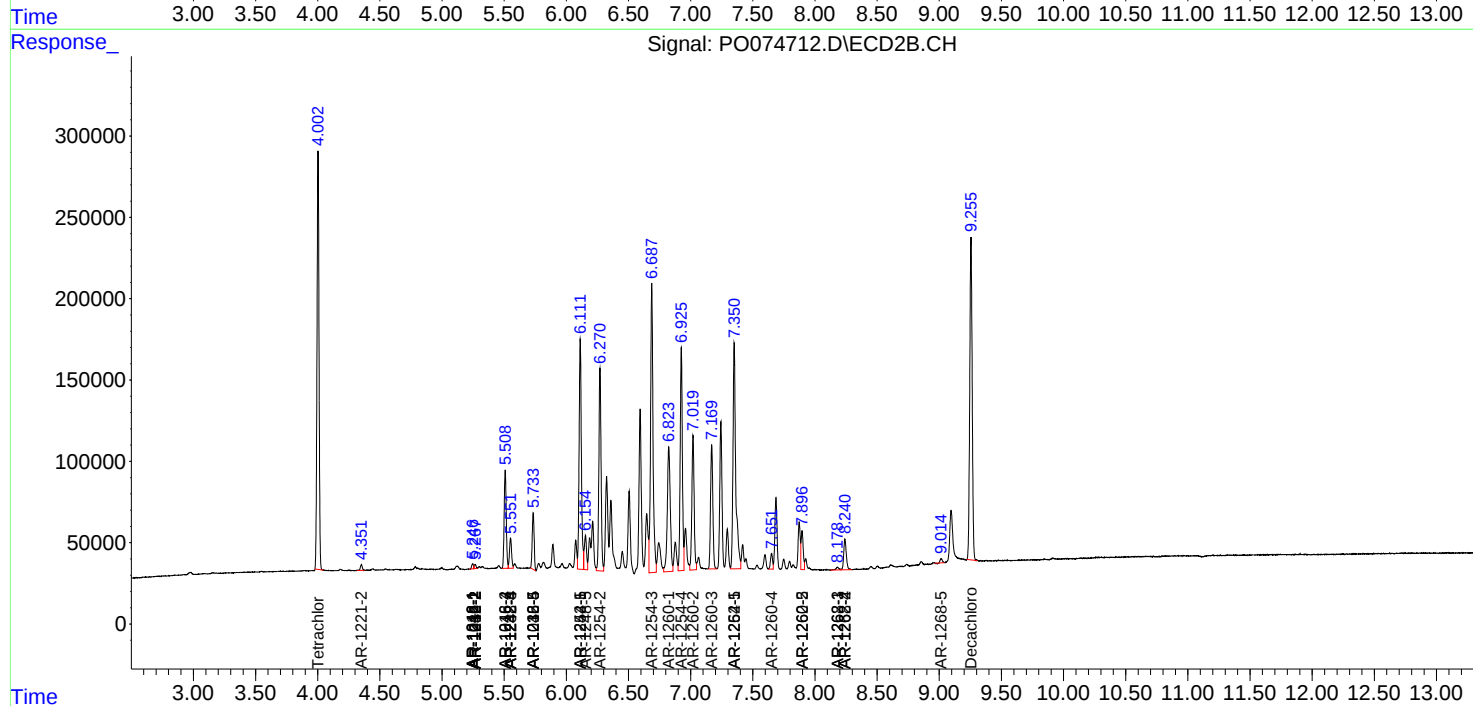
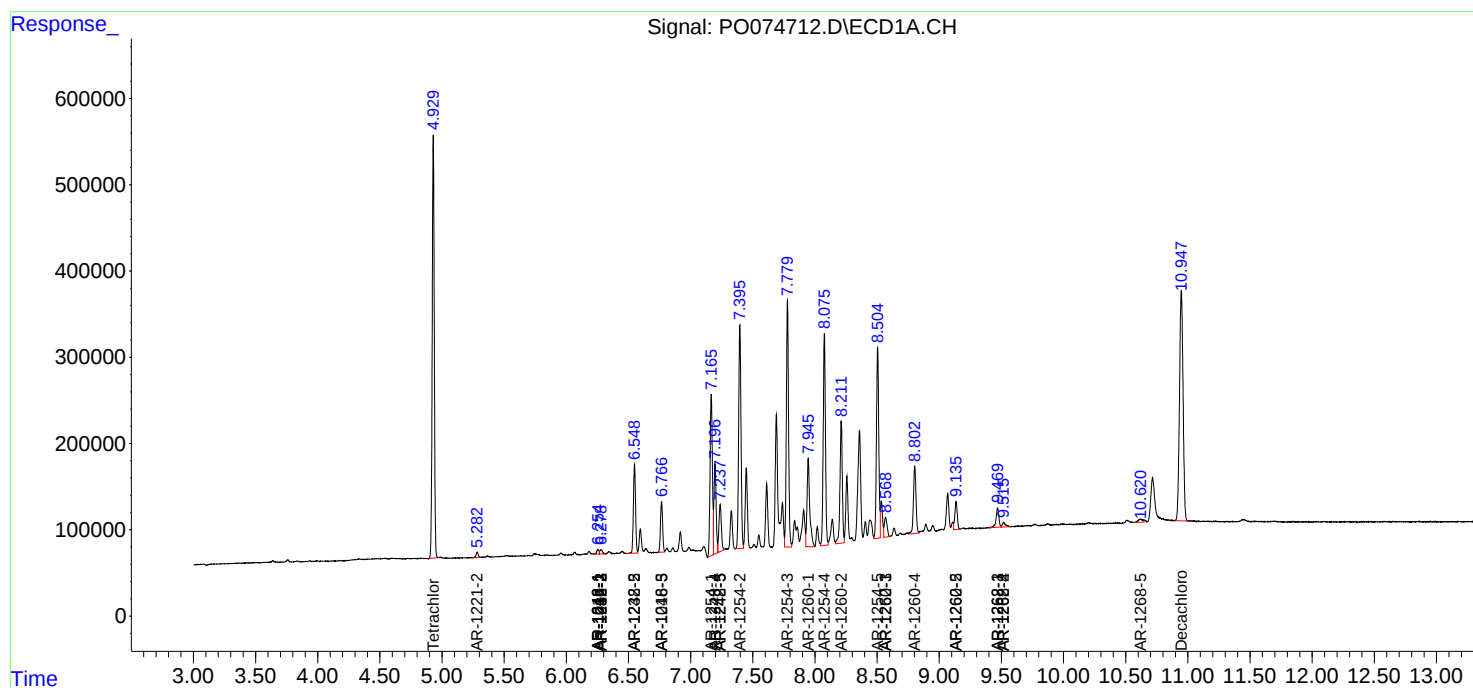
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

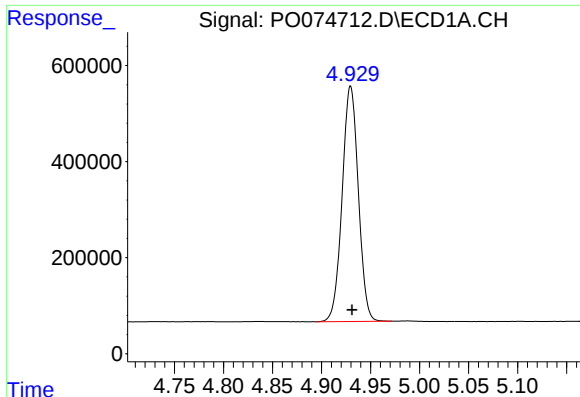
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO011421\  
Data File : PO074712.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 15 Jan 2021 2:20  
Operator : AJ/MA  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 15 03:53:25 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO011121.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jan 12 06:02:45 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

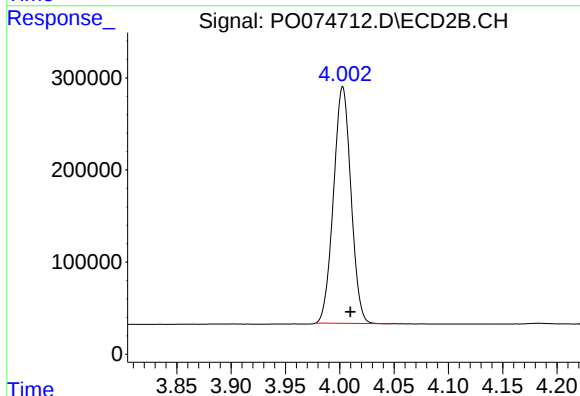




#1 Tetrachloro-m-xylene

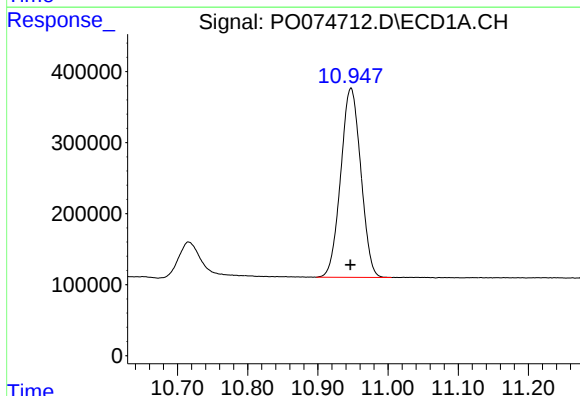
R.T.: 4.930 min  
Delta R.T.: -0.001 min  
Response: 5628775  
Conc: 53.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



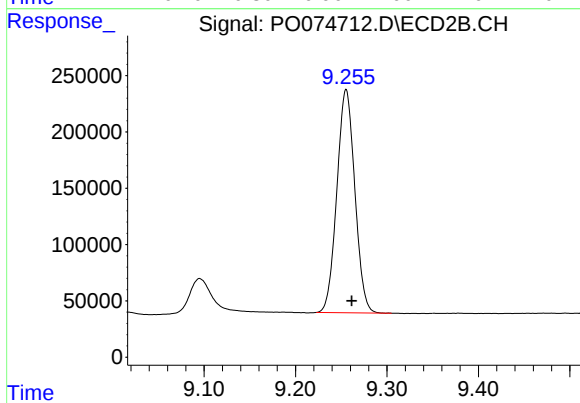
#1 Tetrachloro-m-xylene

R.T.: 4.003 min  
Delta R.T.: -0.007 min  
Response: 2871263  
Conc: 51.04 ng/ml



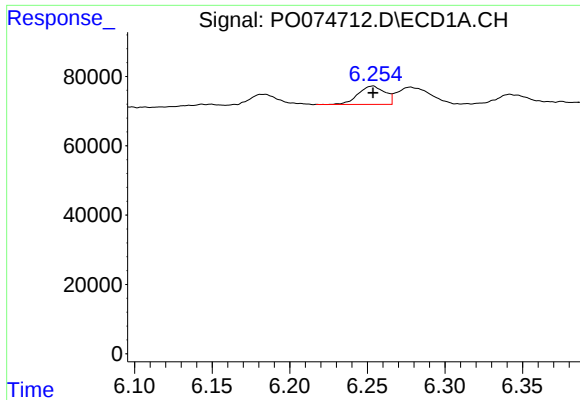
#2 Decachlorobiphenyl

R.T.: 10.947 min  
Delta R.T.: 0.000 min  
Response: 5301562  
Conc: 52.24 ng/ml



#2 Decachlorobiphenyl

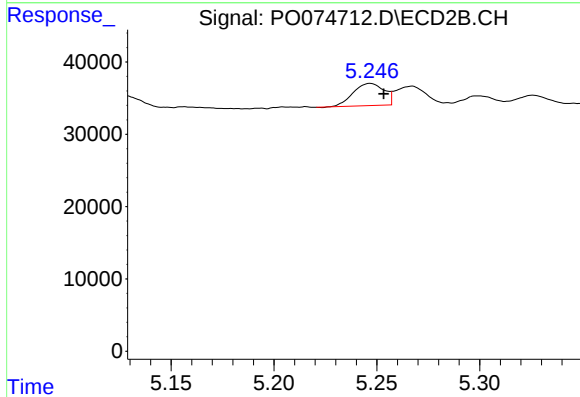
R.T.: 9.255 min  
Delta R.T.: -0.006 min  
Response: 2710252  
Conc: 49.36 ng/ml



#3 AR-1016-1

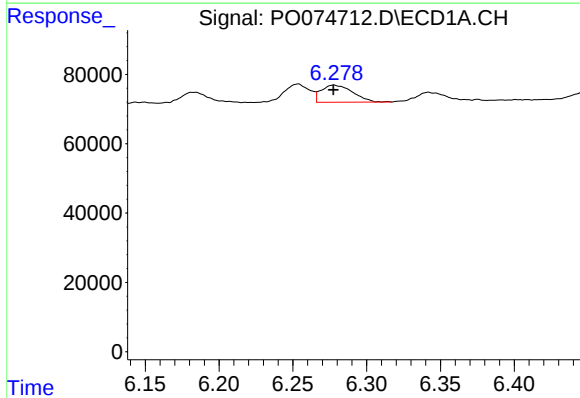
R.T.: 6.254 min  
Delta R.T.: 0.000 min  
Response: 63721  
Conc: 15.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



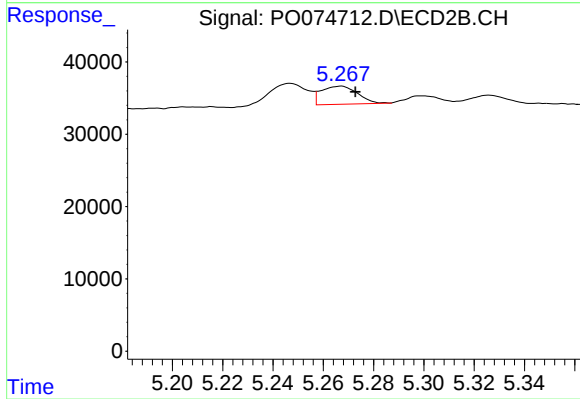
#3 AR-1016-1

R.T.: 5.247 min  
Delta R.T.: -0.006 min  
Response: 32130  
Conc: 14.05 ng/ml



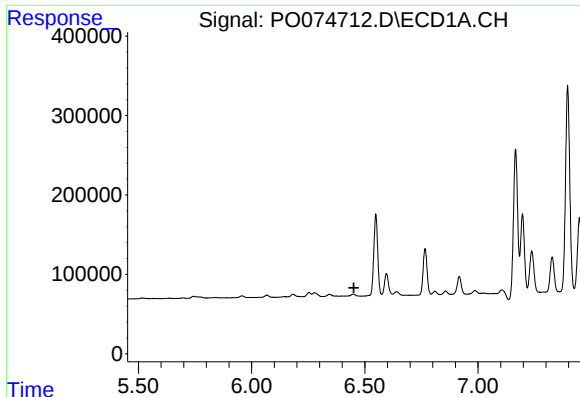
#4 AR-1016-2

R.T.: 6.278 min  
Delta R.T.: 0.000 min  
Response: 73415  
Conc: 12.89 ng/ml



#4 AR-1016-2

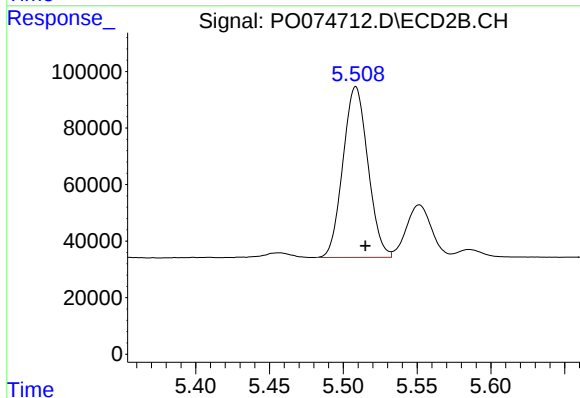
R.T.: 5.267 min  
Delta R.T.: -0.006 min  
Response: 25206  
Conc: 7.98 ng/ml



#6 AR-1016-4

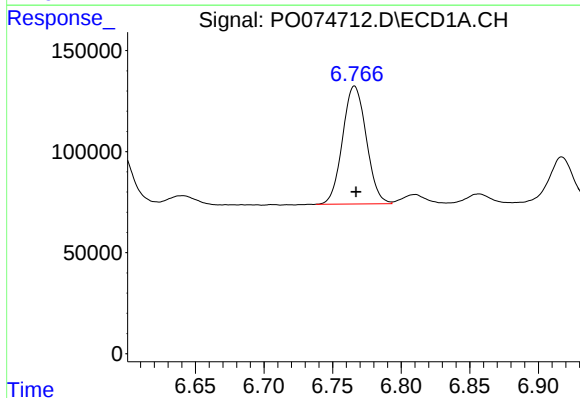
R.T.: 0.000 min  
Exp R.T.: 6.452 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



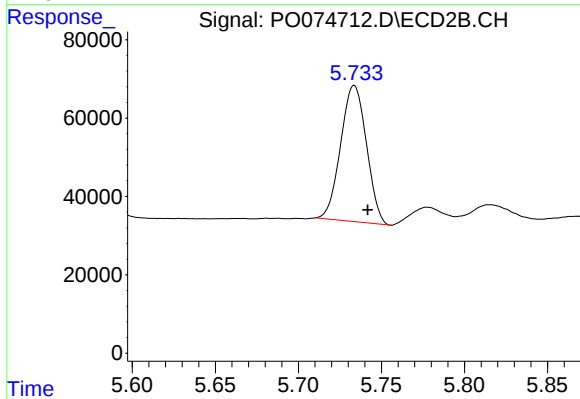
#6 AR-1016-4

R.T.: 5.508 min  
Delta R.T.: -0.006 min  
Response: 710199  
Conc: 505.33 ng/ml



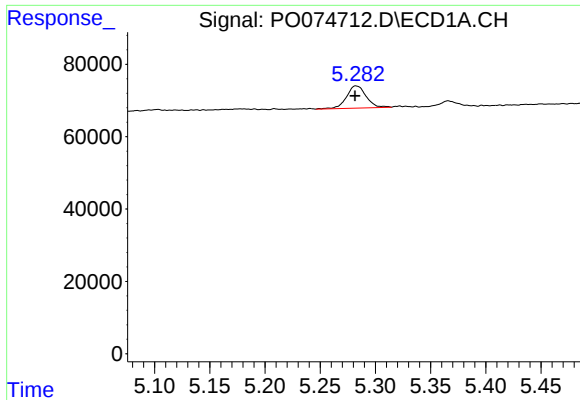
#7 AR-1016-5

R.T.: 6.766 min  
Delta R.T.: -0.001 min  
Response: 703186  
Conc: 257.10 ng/ml



#7 AR-1016-5

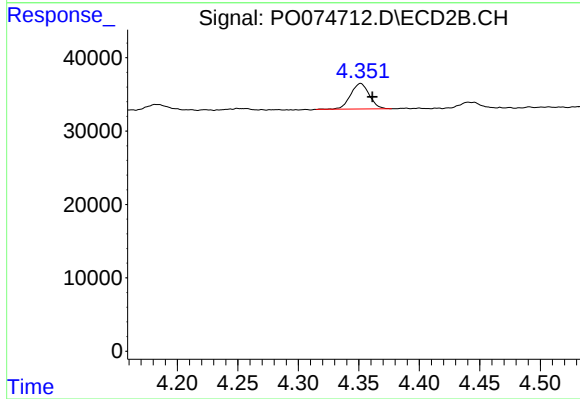
R.T.: 5.734 min  
Delta R.T.: -0.008 min  
Response: 375664  
Conc: 218.46 ng/ml



#9 AR-1221-2

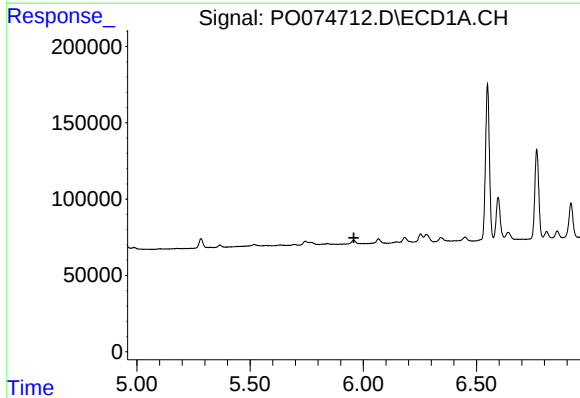
R.T.: 5.282 min  
Delta R.T.: 0.000 min  
Response: 75555  
Conc: 83.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



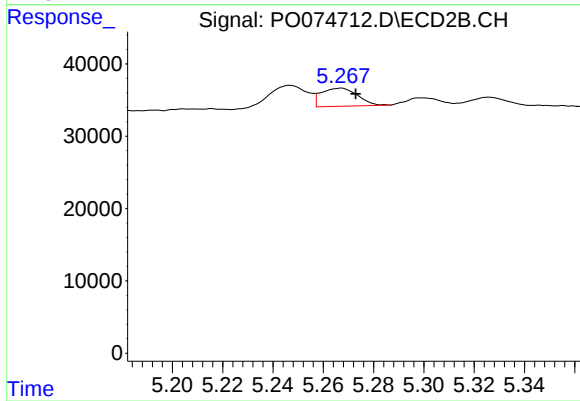
#9 AR-1221-2

R.T.: 4.351 min  
Delta R.T.: -0.010 min  
Response: 37683  
Conc: 70.51 ng/ml



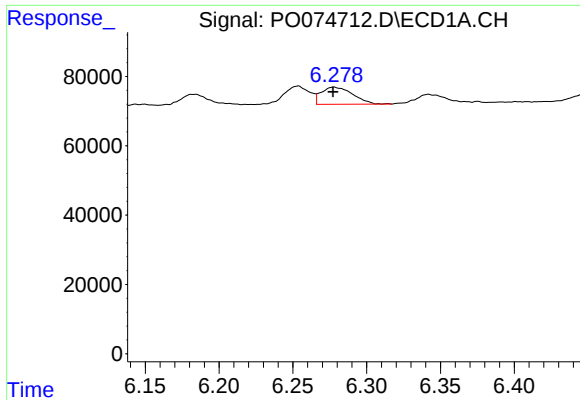
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.958 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

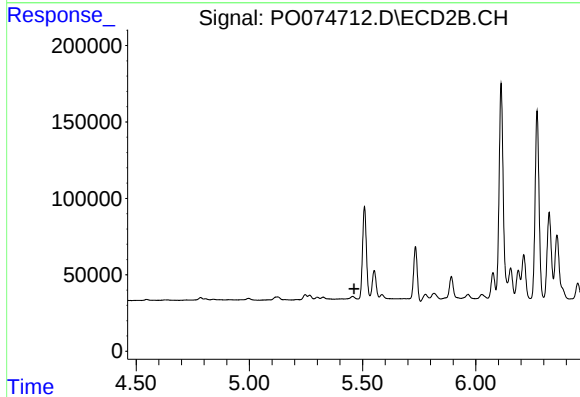
R.T.: 5.267 min  
Delta R.T.: -0.006 min  
Response: 25206  
Conc: 18.67 ng/ml



#13 AR-1232-3

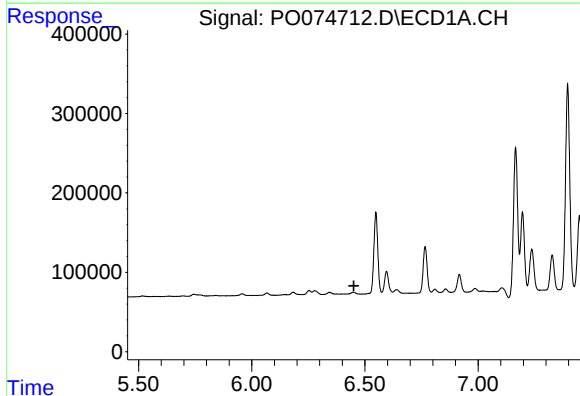
R.T.: 6.278 min  
Delta R.T.: 0.000 min  
Response: 73415  
Conc: 30.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



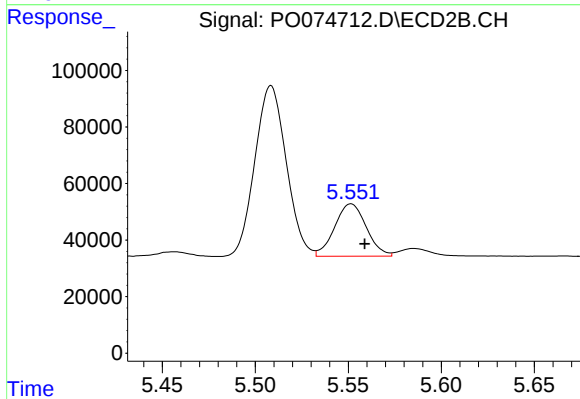
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.462 min  
Response: 0  
Conc: N.D.



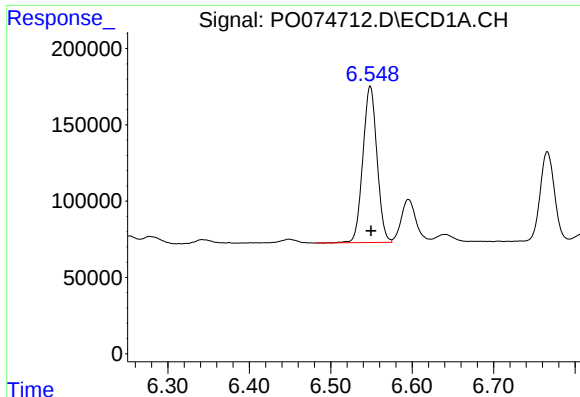
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.451 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

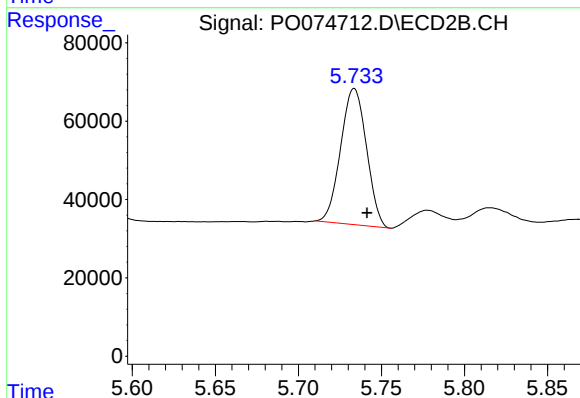
R.T.: 5.551 min  
Delta R.T.: -0.007 min  
Response: 220084  
Conc: 346.07 ng/ml



#15 AR-1232-5

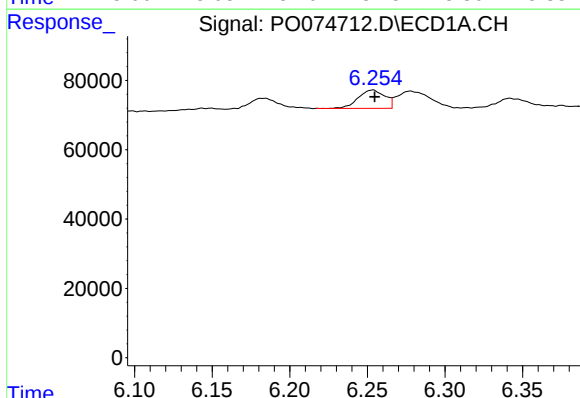
R.T.: 6.549 min  
Delta R.T.: 0.000 min  
Response: 1234447  
Conc: 1517.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



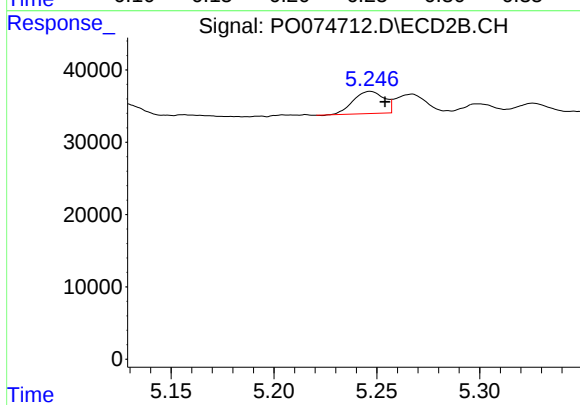
#15 AR-1232-5

R.T.: 5.734 min  
Delta R.T.: -0.008 min  
Response: 375664  
Conc: 540.99 ng/ml



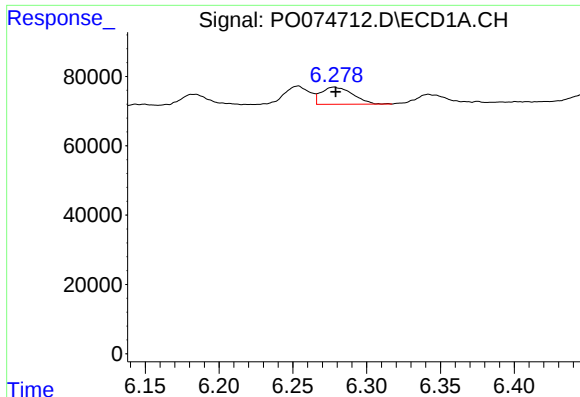
#16 AR-1242-1

R.T.: 6.254 min  
Delta R.T.: 0.000 min  
Response: 63721  
Conc: 19.79 ng/ml



#16 AR-1242-1

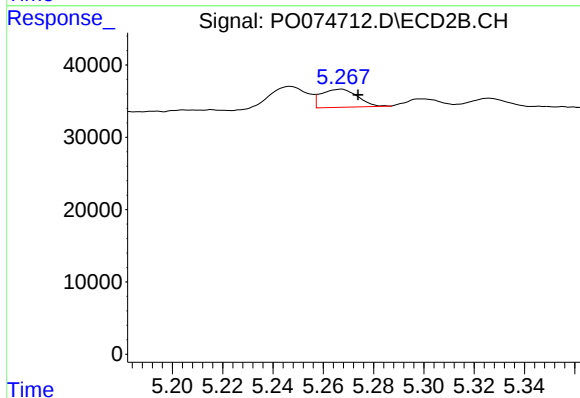
R.T.: 5.247 min  
Delta R.T.: -0.007 min  
Response: 32130  
Conc: 17.43 ng/ml



#17 AR-1242-2

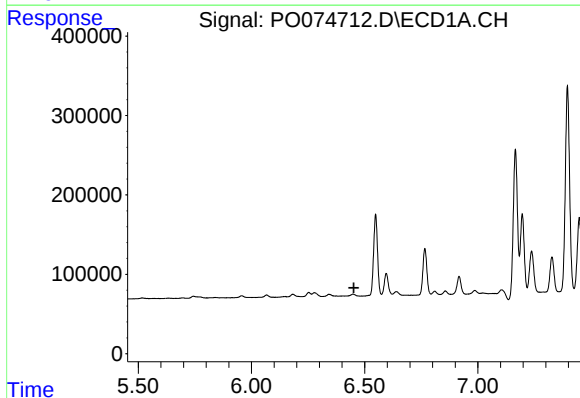
R.T.: 6.278 min  
Delta R.T.: 0.000 min  
Response: 73415  
Conc: 16.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



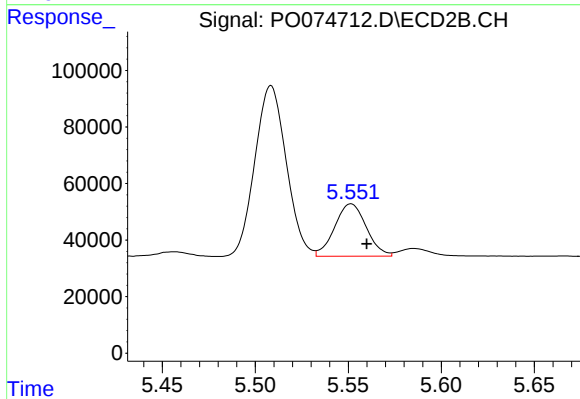
#17 AR-1242-2

R.T.: 5.267 min  
Delta R.T.: -0.007 min  
Response: 25206  
Conc: 10.01 ng/ml



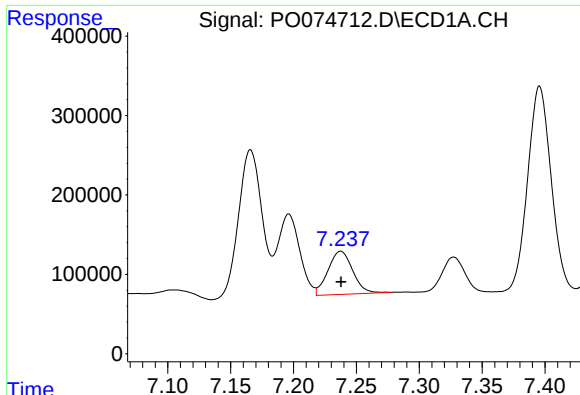
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.453 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

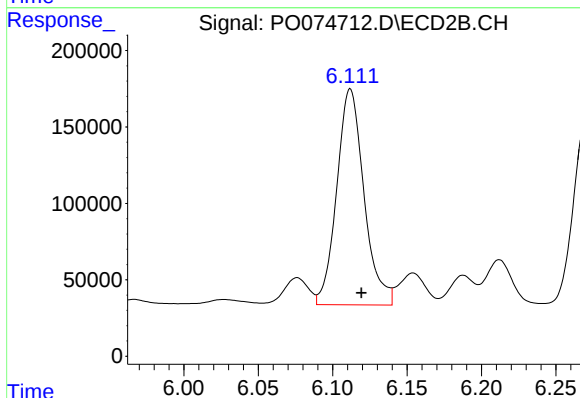
R.T.: 5.551 min  
Delta R.T.: -0.008 min  
Response: 220084  
Conc: 168.39 ng/ml



#20 AR-1242-5

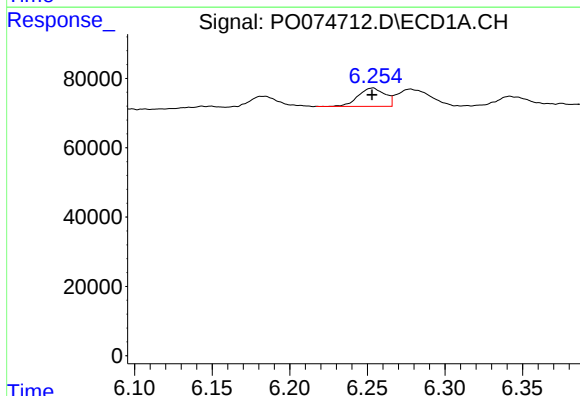
R.T.: 7.238 min  
Delta R.T.: 0.000 min  
Response: 743514  
Conc: 295.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



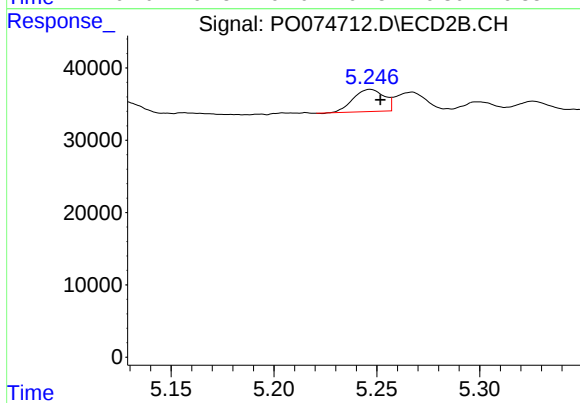
#20 AR-1242-5

R.T.: 6.112 min  
Delta R.T.: -0.007 min  
Response: 1800998  
Conc: 1028.65 ng/ml



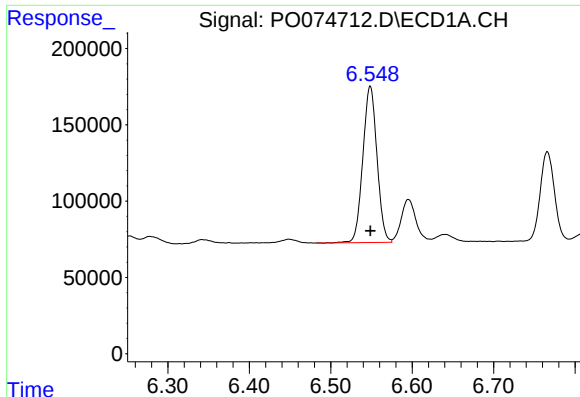
#21 AR-1248-1

R.T.: 6.254 min  
Delta R.T.: 0.000 min  
Response: 63721  
Conc: 26.47 ng/ml



#21 AR-1248-1

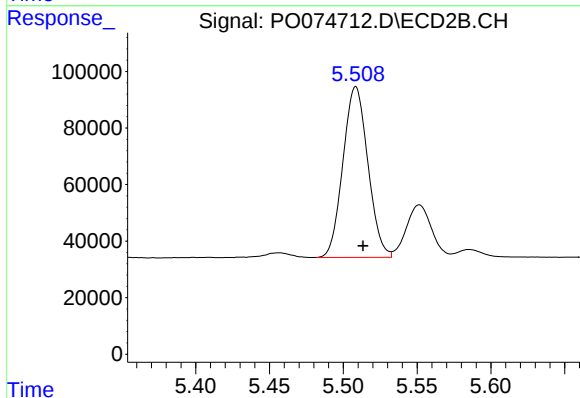
R.T.: 5.247 min  
Delta R.T.: -0.005 min  
Response: 32130  
Conc: 23.36 ng/ml



#22 AR-1248-2

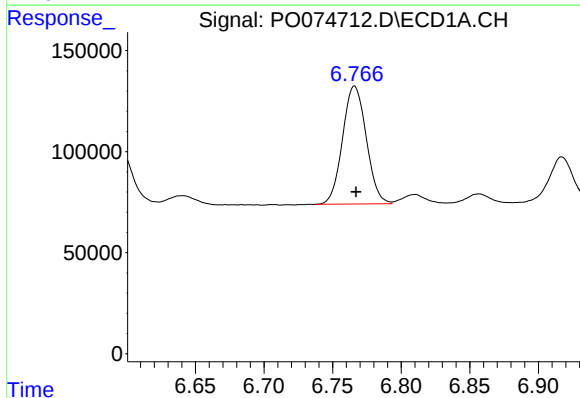
R.T.: 6.549 min  
Delta R.T.: 0.000 min  
Response: 1234447  
Conc: 396.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



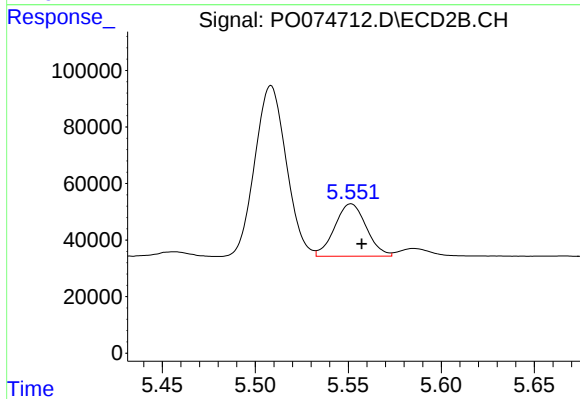
#22 AR-1248-2

R.T.: 5.508 min  
Delta R.T.: -0.005 min  
Response: 710199  
Conc: 377.90 ng/ml



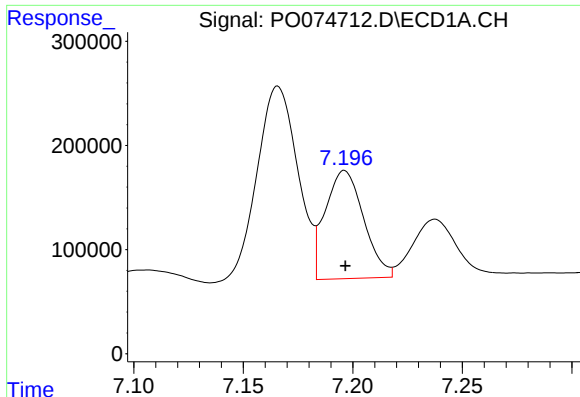
#23 AR-1248-3

R.T.: 6.766 min  
Delta R.T.: -0.001 min  
Response: 703186  
Conc: 194.18 ng/ml



#23 AR-1248-3

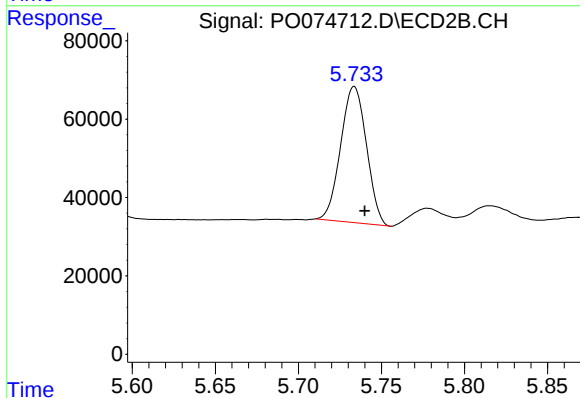
R.T.: 5.551 min  
Delta R.T.: -0.006 min  
Response: 220084  
Conc: 116.59 ng/ml



#24 AR-1248-4

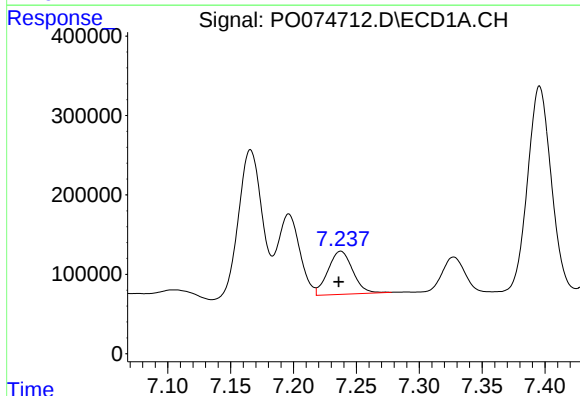
R.T.: 7.196 min  
Delta R.T.: 0.000 min  
Response: 1266472  
Conc: 284.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



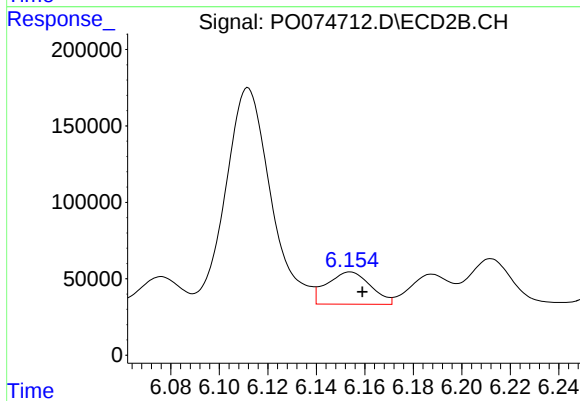
#24 AR-1248-4

R.T.: 5.734 min  
Delta R.T.: -0.006 min  
Response: 375664  
Conc: 166.79 ng/ml



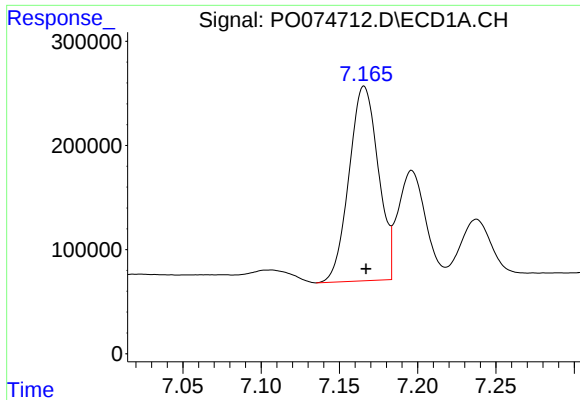
#25 AR-1248-5

R.T.: 7.238 min  
Delta R.T.: 0.002 min  
Response: 743514  
Conc: 176.43 ng/ml



#25 AR-1248-5

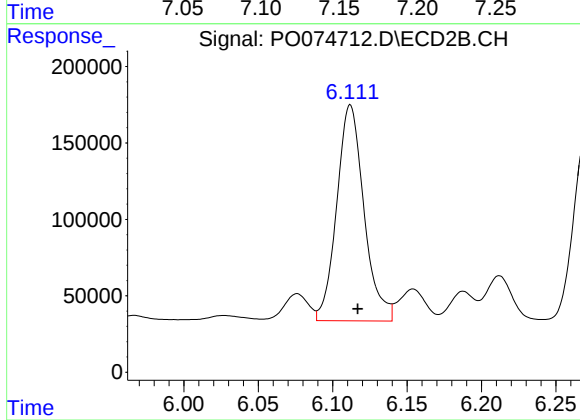
R.T.: 6.154 min  
Delta R.T.: -0.005 min  
Response: 263043  
Conc: 111.89 ng/ml



#26 AR-1254-1

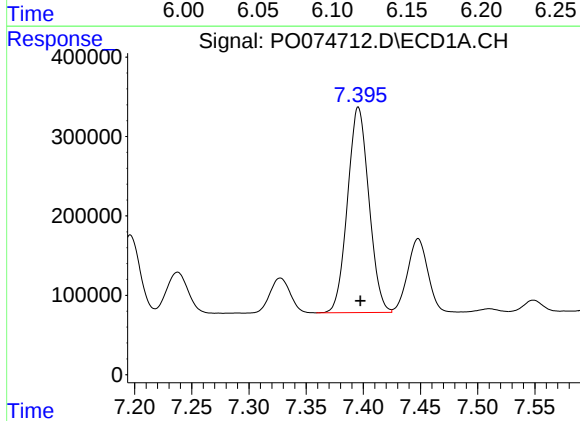
R.T.: 7.166 min  
Delta R.T.: -0.001 min  
Response: 2426793  
Conc: 551.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



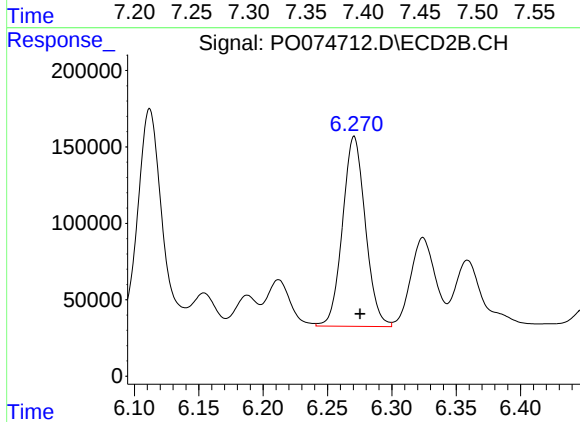
#26 AR-1254-1

R.T.: 6.112 min  
Delta R.T.: -0.005 min  
Response: 1800998  
Conc: 498.61 ng/ml



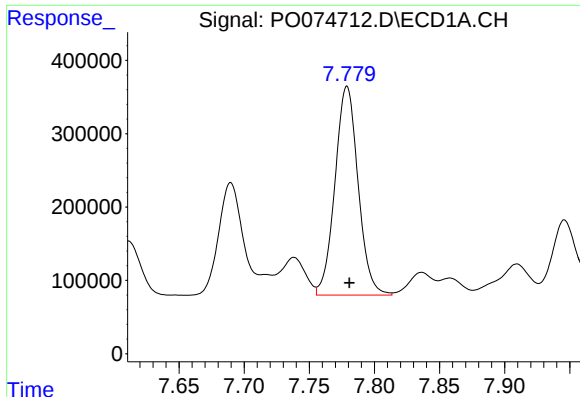
#27 AR-1254-2

R.T.: 7.396 min  
Delta R.T.: -0.002 min  
Response: 3370021  
Conc: 494.81 ng/ml



#27 AR-1254-2

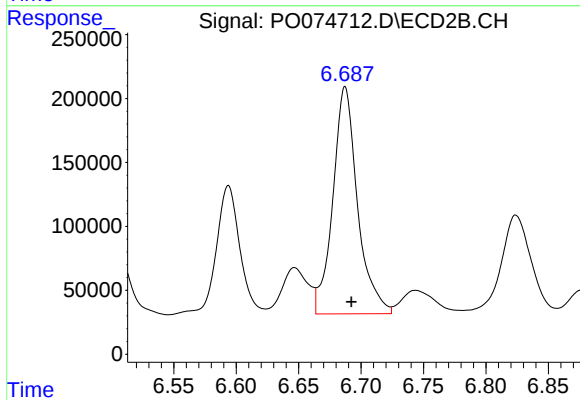
R.T.: 6.271 min  
Delta R.T.: -0.005 min  
Response: 1532152  
Conc: 491.62 ng/ml



#28 AR-1254-3

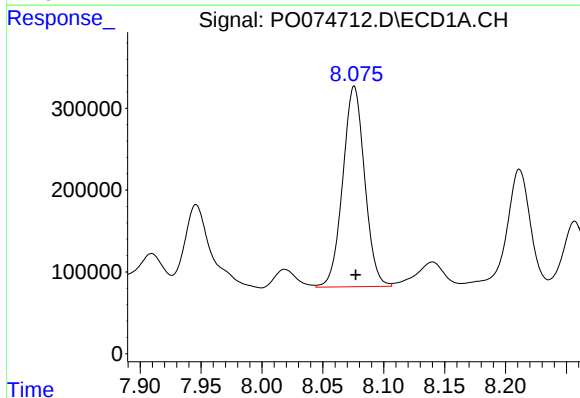
R.T.: 7.779 min  
Delta R.T.: -0.002 min  
Response: 3523686  
Conc: 502.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



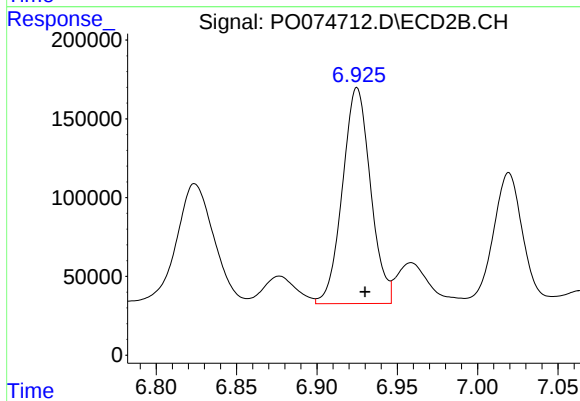
#28 AR-1254-3

R.T.: 6.687 min  
Delta R.T.: -0.005 min  
Response: 2446189  
Conc: 498.82 ng/ml



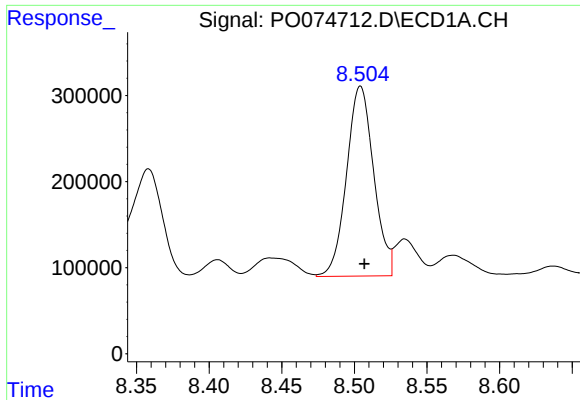
#29 AR-1254-4

R.T.: 8.076 min  
Delta R.T.: -0.001 min  
Response: 3065298  
Conc: 505.44 ng/ml



#29 AR-1254-4

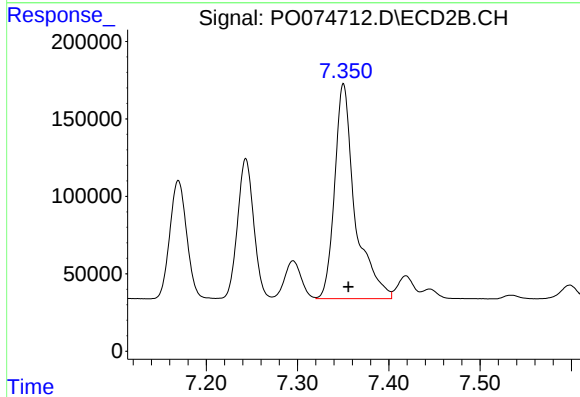
R.T.: 6.925 min  
Delta R.T.: -0.005 min  
Response: 1666619  
Conc: 480.60 ng/ml



#30 AR-1254-5

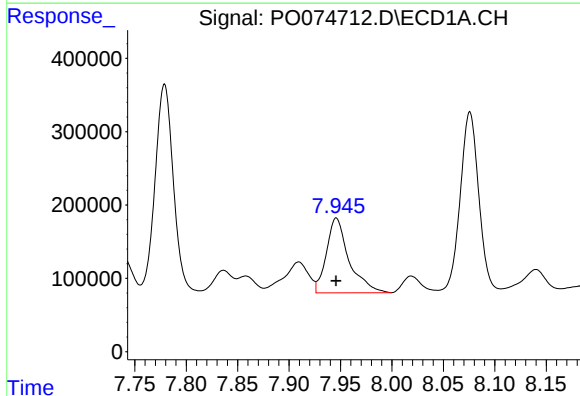
R.T.: 8.504 min  
Delta R.T.: -0.003 min  
Response: 2871887  
Conc: 494.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



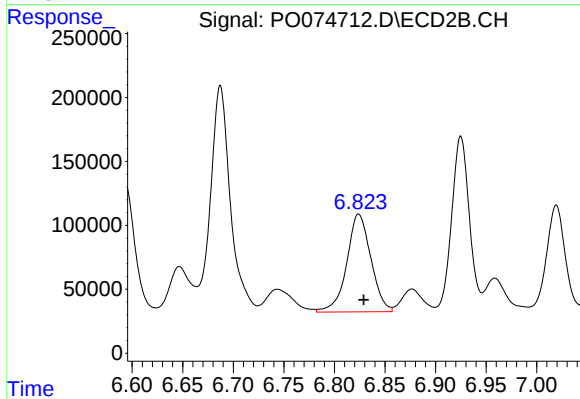
#30 AR-1254-5

R.T.: 7.350 min  
Delta R.T.: -0.005 min  
Response: 2150362  
Conc: 475.12 ng/ml



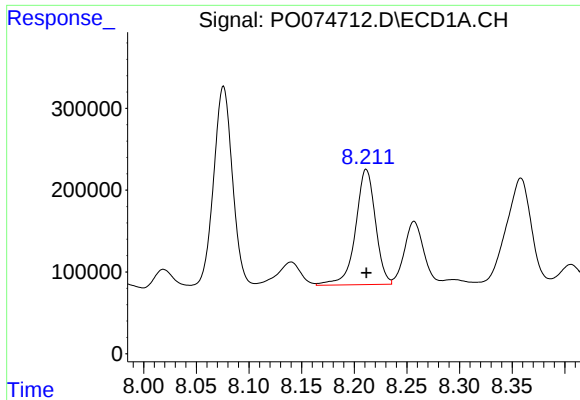
#31 AR-1260-1

R.T.: 7.946 min  
Delta R.T.: 0.000 min  
Response: 1558182  
Conc: 312.34 ng/ml



#31 AR-1260-1

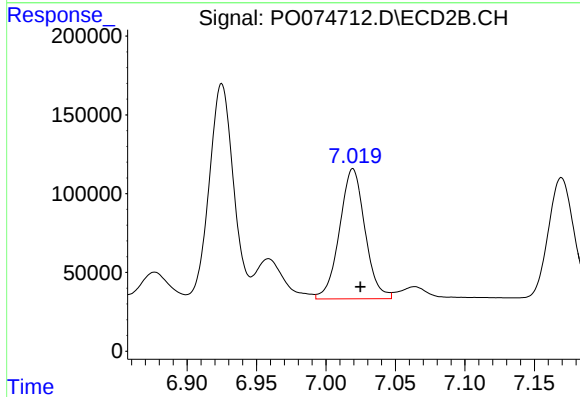
R.T.: 6.824 min  
Delta R.T.: -0.005 min  
Response: 1271787  
Conc: 398.64 ng/ml



#32 AR-1260-2

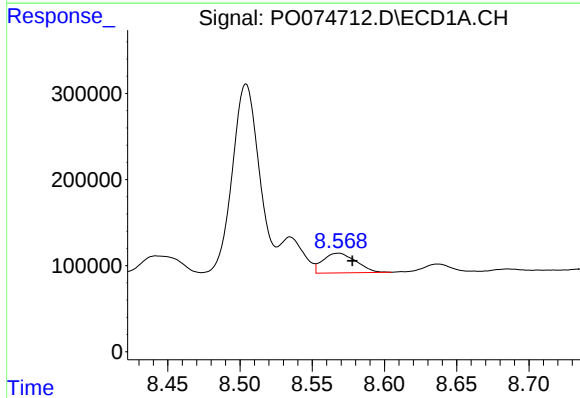
R.T.: 8.211 min  
Delta R.T.: 0.000 min  
Response: 1851521  
Conc: 272.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



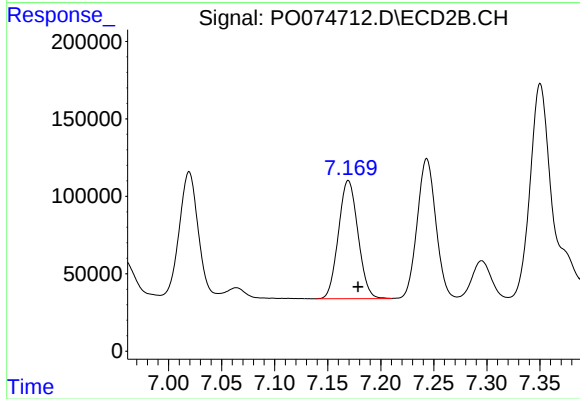
#32 AR-1260-2

R.T.: 7.019 min  
Delta R.T.: -0.005 min  
Response: 1052666  
Conc: 247.62 ng/ml



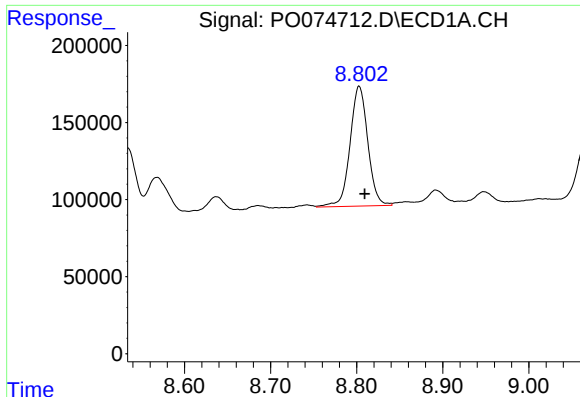
#33 AR-1260-3

R.T.: 8.568 min  
Delta R.T.: -0.010 min  
Response: 364411  
Conc: 63.58 ng/ml



#33 AR-1260-3

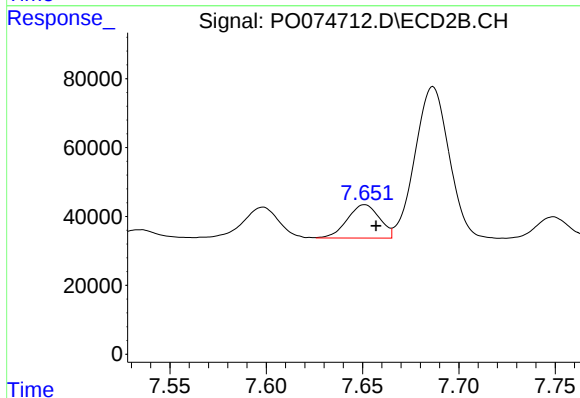
R.T.: 7.169 min  
Delta R.T.: -0.009 min  
Response: 979475  
Conc: 271.81 ng/ml



#34 AR-1260-4

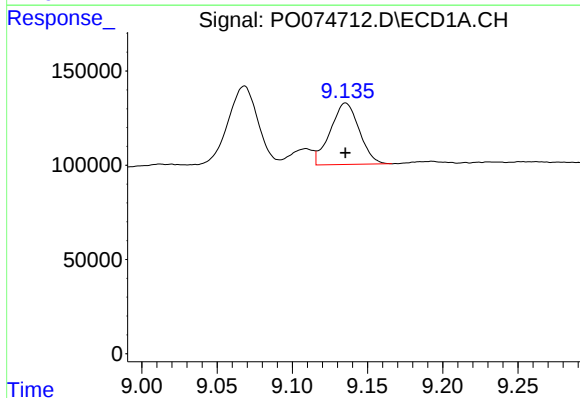
R.T.: 8.803 min  
Delta R.T.: -0.006 min  
Response: 1116053  
Conc: 203.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



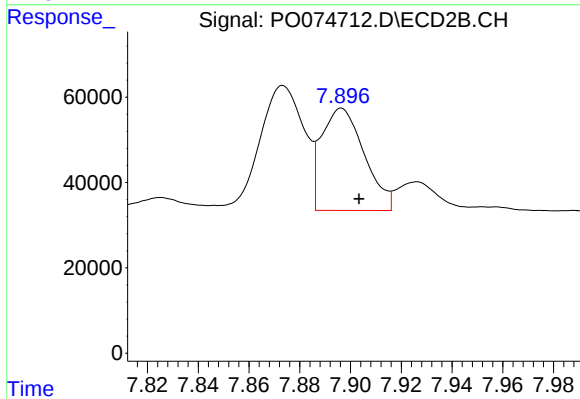
#34 AR-1260-4

R.T.: 7.651 min  
Delta R.T.: -0.006 min  
Response: 112669  
Conc: 35.98 ng/ml



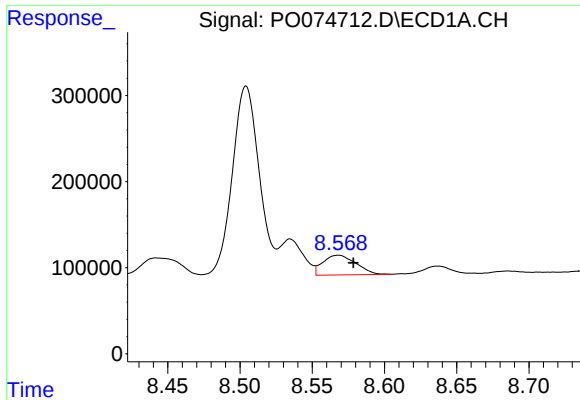
#35 AR-1260-5

R.T.: 9.135 min  
Delta R.T.: 0.000 min  
Response: 437198  
Conc: 34.99 ng/ml



#35 AR-1260-5

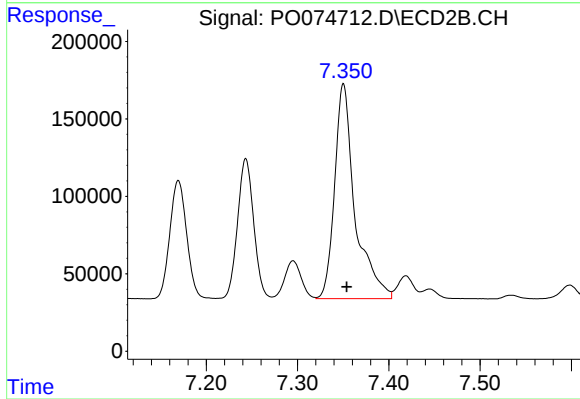
R.T.: 7.896 min  
Delta R.T.: -0.007 min  
Response: 280059  
Conc: 35.23 ng/ml



#36 AR-1262-1

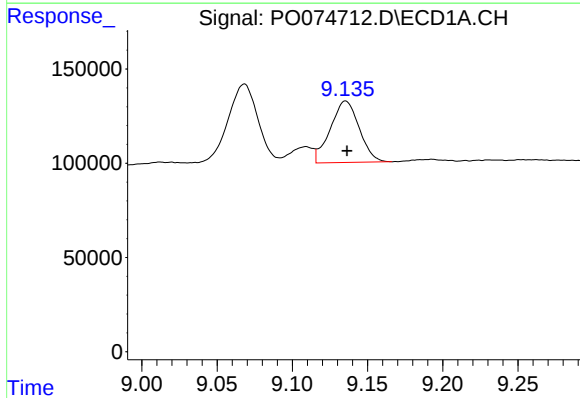
R.T.: 8.568 min  
Delta R.T.: -0.011 min  
Response: 364411  
Conc: 40.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



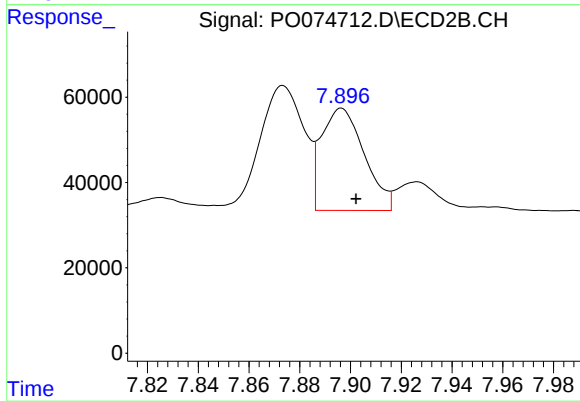
#36 AR-1262-1

R.T.: 7.350 min  
Delta R.T.: -0.004 min  
Response: 2150362  
Conc: 845.08 ng/ml



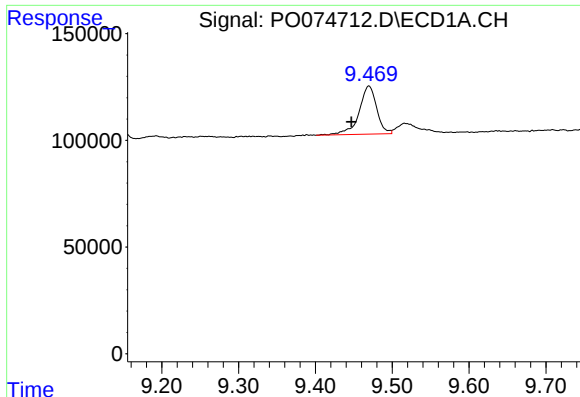
#37 AR-1262-2

R.T.: 9.135 min  
Delta R.T.: 0.000 min  
Response: 437198  
Conc: 28.56 ng/ml



#37 AR-1262-2

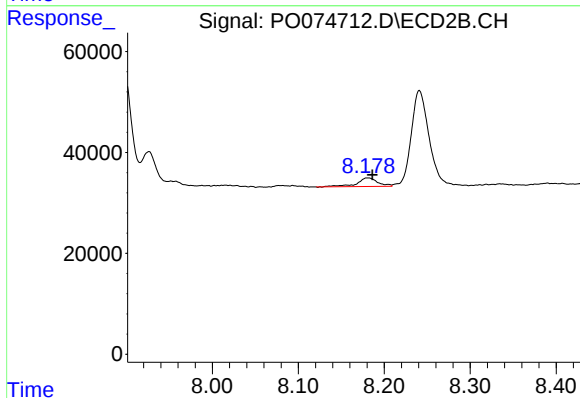
R.T.: 7.896 min  
Delta R.T.: -0.006 min  
Response: 280059  
Conc: 30.46 ng/ml



#38 AR-1262-3

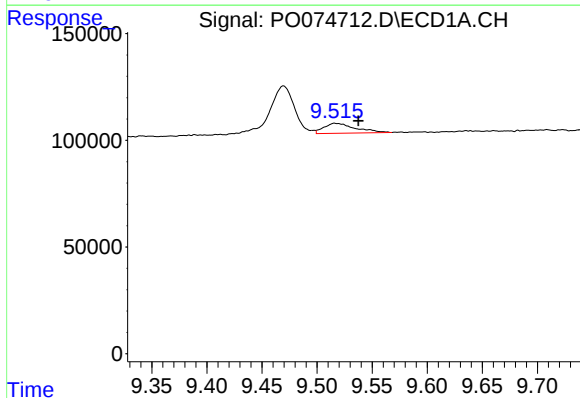
R.T.: 9.470 min  
Delta R.T.: 0.023 min  
Response: 358941  
Conc: 35.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



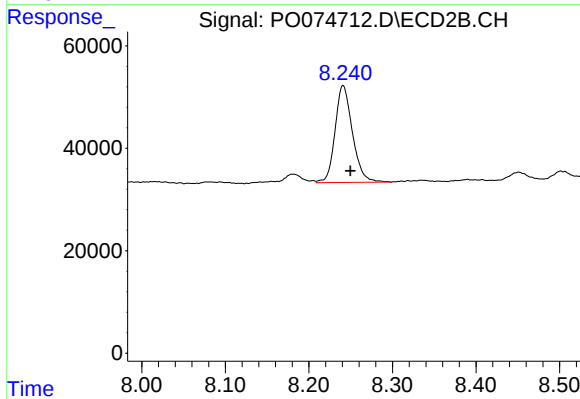
#38 AR-1262-3

R.T.: 8.181 min  
Delta R.T.: -0.005 min  
Response: 29432  
Conc: 7.44 ng/ml



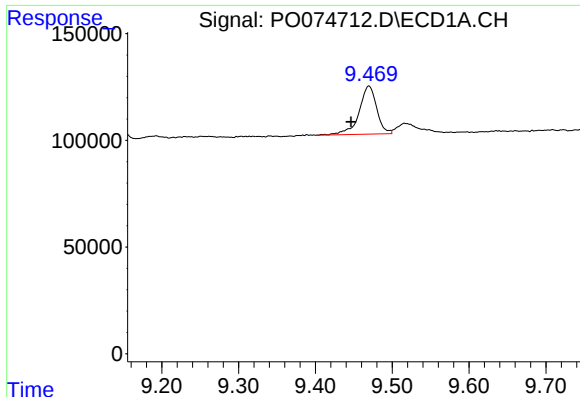
#39 AR-1262-4

R.T.: 9.516 min  
Delta R.T.: -0.021 min  
Response: 93617  
Conc: 12.57 ng/ml



#39 AR-1262-4

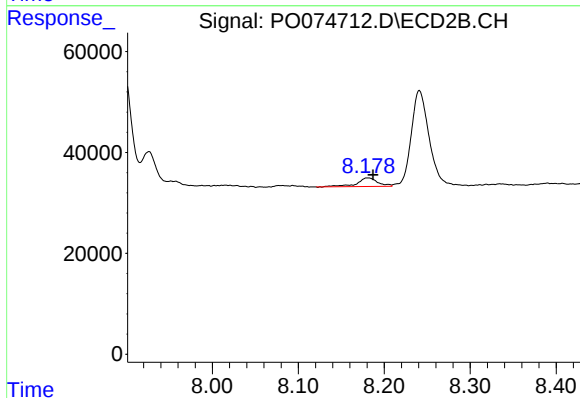
R.T.: 8.241 min  
Delta R.T.: -0.009 min  
Response: 273474  
Conc: 41.28 ng/ml



#41 AR-1268-1

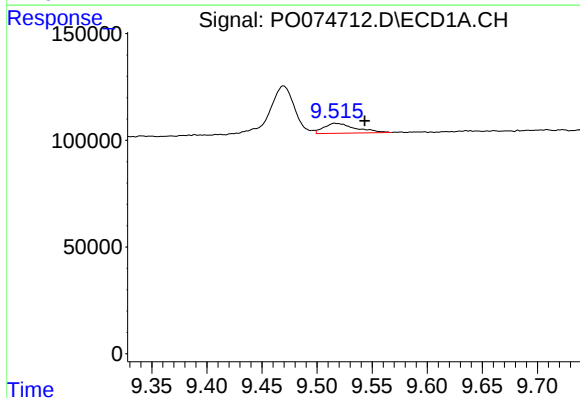
R.T.: 9.470 min  
Delta R.T.: 0.023 min  
Response: 358941  
Conc: 19.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



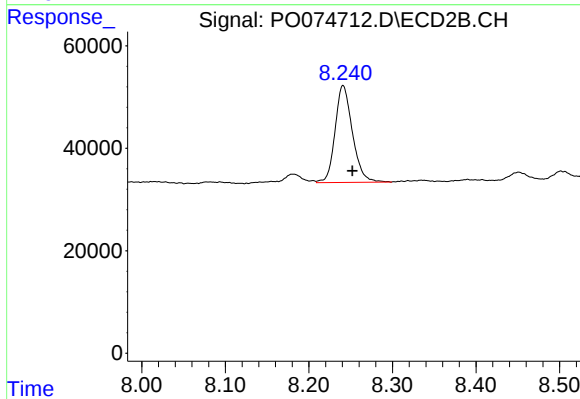
#41 AR-1268-1

R.T.: 8.181 min  
Delta R.T.: -0.006 min  
Response: 29432  
Conc: 2.63 ng/ml



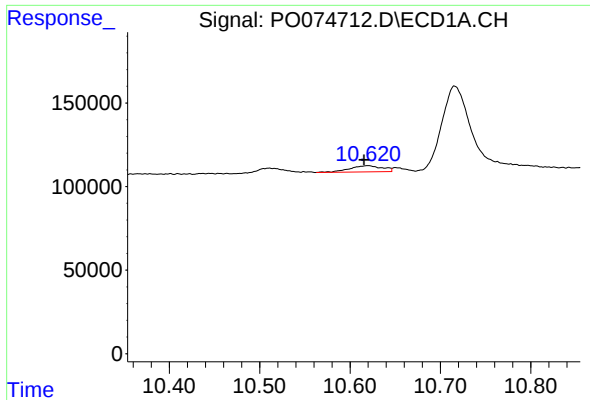
#42 AR-1268-2

R.T.: 9.516 min  
Delta R.T.: -0.027 min  
Response: 93617  
Conc: 5.87 ng/ml



#42 AR-1268-2

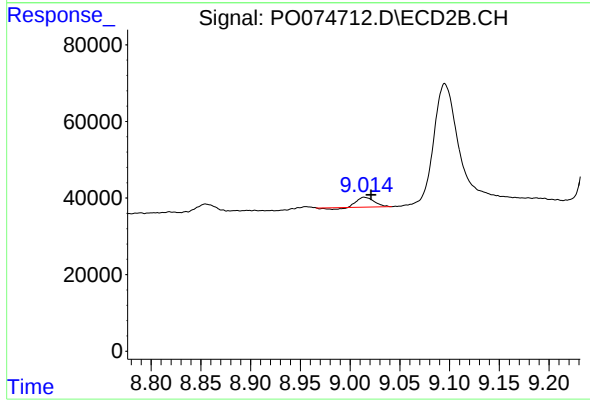
R.T.: 8.241 min  
Delta R.T.: -0.011 min  
Response: 273474  
Conc: 28.58 ng/ml



#45 AR-1268-5

R.T.: 10.620 min  
Delta R.T.: 0.004 min  
Response: 93108  
Conc: 2.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



#45 AR-1268-5

R.T.: 9.014 min  
Delta R.T.: -0.007 min  
Response: 27523  
Conc: 1.16 ng/ml