

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P00112121\  
 Data File : P0075055.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 21 Jan 2021 18:31  
 Operator : AJ/MA  
 Sample : M1113-27  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 22 00:30:18 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... | 4.929  | 4.002  | 2314512  | 1205548  | 21.935   | 21.431    |
| 2)                          | SA Decachlor... | 10.950 | 9.255  | 7458259  | 3447446  | 73.486   | 62.790    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.507  | 0        | 67505    | N.D.     | 48.032 #  |
| 7)                          | L1 AR-1016-5    | 6.765  | 5.732  | 46167    | 26805    | 16.880   | 15.588    |
| 8)                          | L2 AR-1221-1    | 5.183  | 4.247f | 117060   | 31560    | 95.303   | 44.418 #  |
| 10)                         | L2 AR-1221-3    | 5.381  | 4.442  | 275597   | 144711   | 97.824   | 90.501    |
| 11)                         | L3 AR-1232-1    | 5.381  | 4.442  | 275597   | 144711   | 120.335  | 110.398   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.549  | 0        | 23654    | N.D.     | 37.195 #  |
| 15)                         | L3 AR-1232-5    | 6.547  | 5.732  | 135692   | 26805    | 166.768  | 38.602 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.549  | 0        | 23654    | N.D.     | 18.099 #  |
| 20)                         | L4 AR-1242-5    | 7.238  | 6.110  | 82558    | 286031   | 32.807   | 163.369 # |
| 22)                         | L5 AR-1248-2    | 6.547  | 5.507  | 135692   | 67505    | 43.630   | 35.919    |
| 23)                         | L5 AR-1248-3    | 6.765  | 5.549  | 46167    | 23654    | 12.749   | 12.531    |
| 24)                         | L5 AR-1248-4    | 7.195  | 5.732  | 166073   | 26805    | 37.240   | 11.901 #  |
| 25)                         | L5 AR-1248-5    | 7.238  | 6.151  | 82558    | 36371    | 19.591   | 15.470    |
| 26)                         | L6 AR-1254-1    | 7.166  | 6.110  | 333009   | 286031   | 75.716   | 79.189    |
| 27)                         | L6 AR-1254-2    | 7.395  | 6.269  | 1180740  | 394957   | 173.364  | 126.729 # |
| 28)                         | L6 AR-1254-3    | 7.779  | 6.685  | 1050678  | 702255   | 149.790  | 143.203   |
| 29)                         | L6 AR-1254-4    | 8.075  | 6.923  | 1033263  | 533399   | 170.374  | 153.816   |
| 30)                         | L6 AR-1254-5    | 8.505  | 7.350  | 2055054  | 1036900  | 353.775  | 229.102 # |
| 31)                         | L7 AR-1260-1    | 7.945  | 6.821  | 652732   | 459439   | 130.841  | 144.012   |
| 32)                         | L7 AR-1260-2    | 8.212  | 7.018  | 1137910  | 610999   | 167.288  | 143.729   |
| 33)                         | L7 AR-1260-3    | 8.578  | 7.170  | 2832648  | 408002   | 494.205  | 113.225 # |
| 34)                         | L7 AR-1260-4    | 8.826f | 7.649  | 6106993  | 2539166  | 1116.184 | 810.893 # |
| 35)                         | L7 AR-1260-5    | 9.136  | 7.897  | 1089978  | 596589   | 87.233   | 75.055    |
| 36)                         | L8 AR-1262-1    | 8.578  | 7.350  | 2832648  | 1036900  | 318.126  | 407.494 # |
| 37)                         | L8 AR-1262-2    | 9.136  | 7.897  | 1089978  | 596589   | 71.193   | 64.886    |
| 38)                         | L8 AR-1262-3    | 9.446  | 8.182  | 23505403 | 10378996 | 2346.834 | 2624.724  |
| 39)                         | L8 AR-1262-4    | 9.542  | 8.247  | 13282746 | 6514771  | 1783.555 | 983.331 # |
| 40)                         | L8 AR-1262-5    | 10.206 | 8.740  | 3076848  | 1530090  | 588.129  | 495.588   |
| 41)                         | L9 AR-1268-1    | 9.446  | 8.182  | 23505403 | 10378996 | 1258.087 | 927.131 # |
| 42)                         | L9 AR-1268-2    | 9.542  | 8.247  | 13282746 | 6514771  | 832.517  | 680.948   |
| 43)                         | L9 AR-1268-3    | 9.768  | 8.452  | 20766066 | 9740000  | 1462.194 | 1172.243  |
| 44)                         | L9 AR-1268-4    | 10.206 | 8.740  | 3076848  | 1530090  | 525.190  | 441.056   |
| 45)                         | L9 AR-1268-5    | 10.617 | 9.017  | 55808872 | 25971971 | 1335.517 | 1096.843  |
| -----                       |                 |        |        |          |          |          |           |

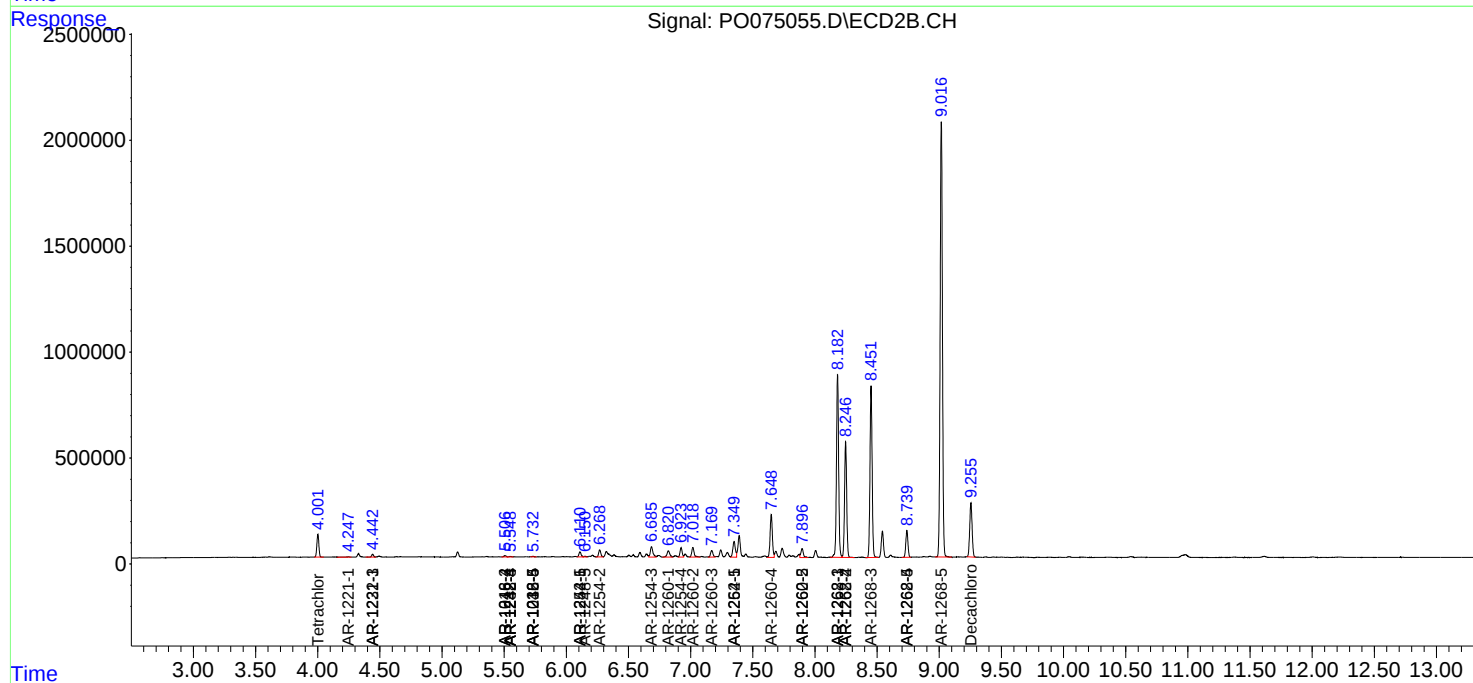
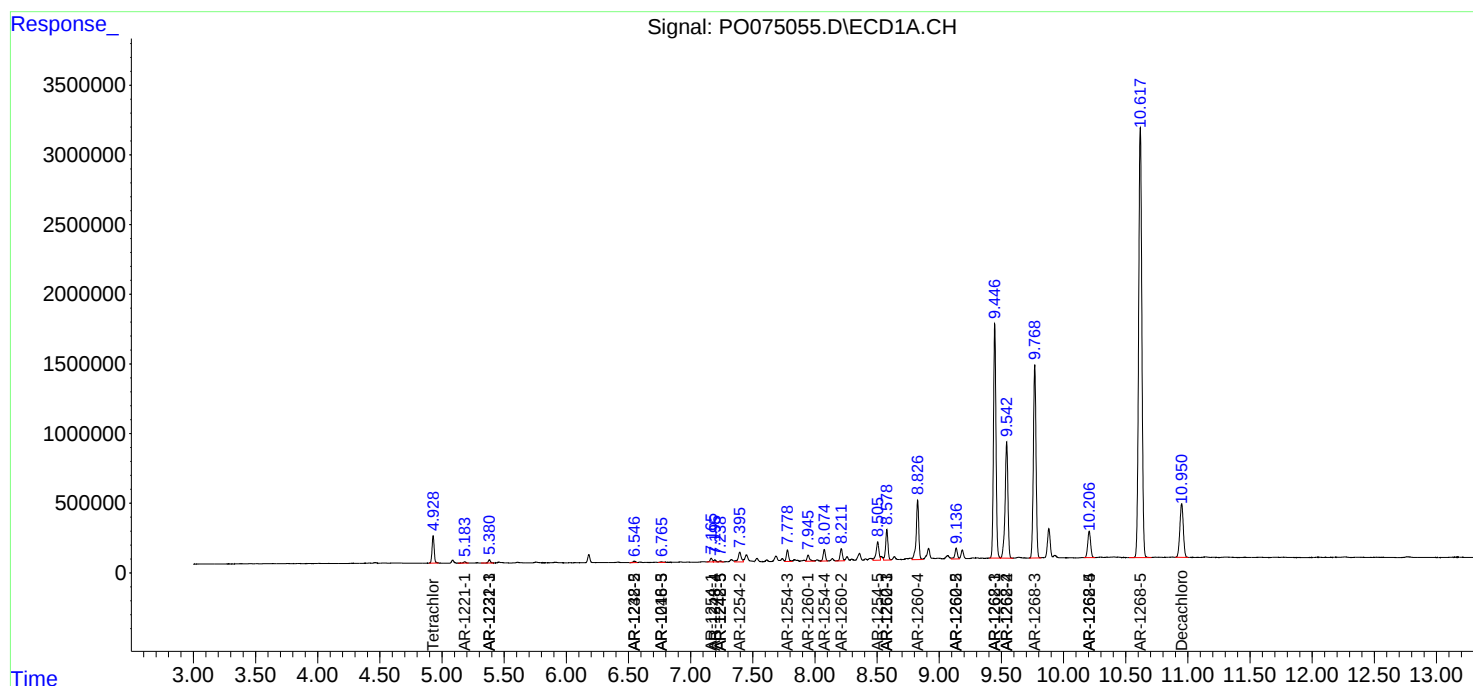
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

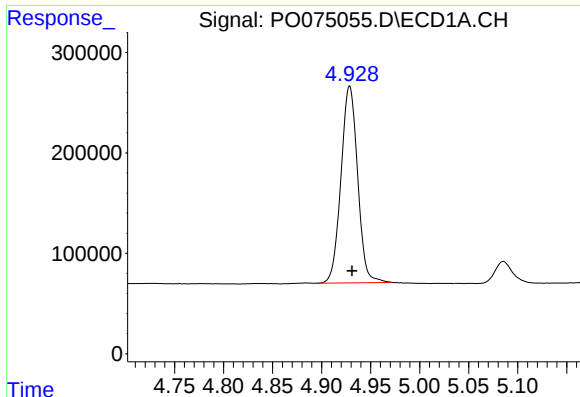
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0012121\  
Data File : P0075055.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 21 Jan 2021 18:31  
Operator : AJ/MA  
Sample : M1113-27  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 22 00:30:18 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

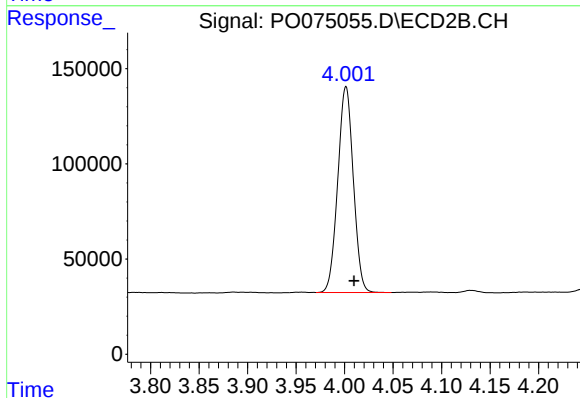




#1 Tetrachloro-m-xylene

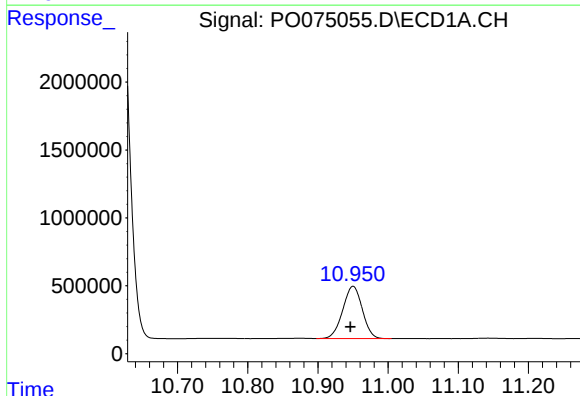
R.T.: 4.929 min  
Delta R.T.: -0.002 min  
Response: 2314512  
Conc: 21.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



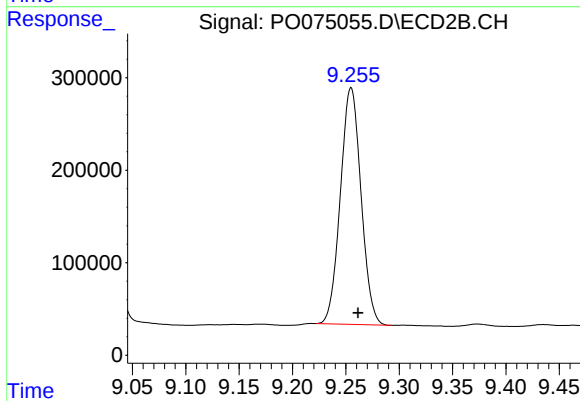
#1 Tetrachloro-m-xylene

R.T.: 4.002 min  
Delta R.T.: -0.008 min  
Response: 1205548  
Conc: 21.43 ng/ml



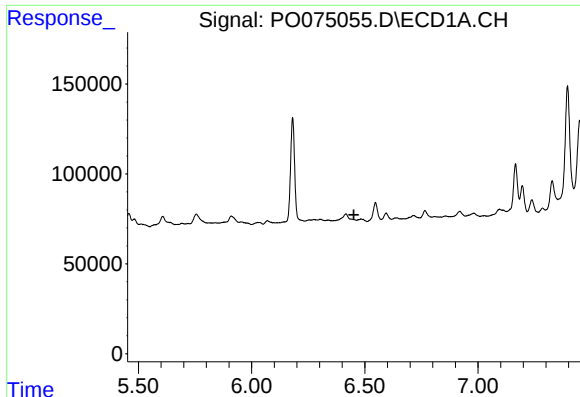
#2 Decachlorobiphenyl

R.T.: 10.950 min  
Delta R.T.: 0.004 min  
Response: 7458259  
Conc: 73.49 ng/ml



#2 Decachlorobiphenyl

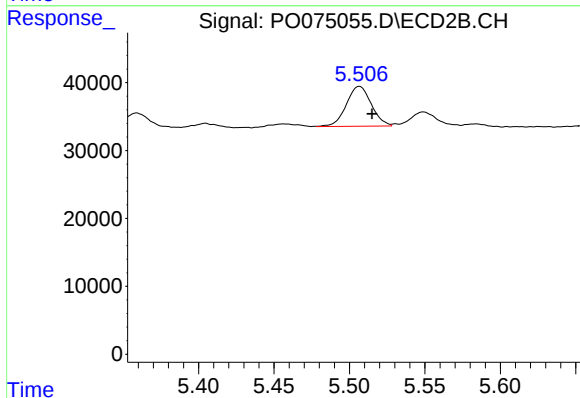
R.T.: 9.255 min  
Delta R.T.: -0.007 min  
Response: 3447446  
Conc: 62.79 ng/ml



#6 AR-1016-4

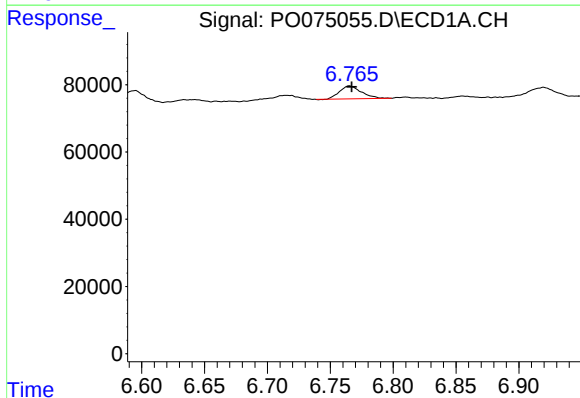
R.T.: 0.000 min  
Exp R.T.: 6.452 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



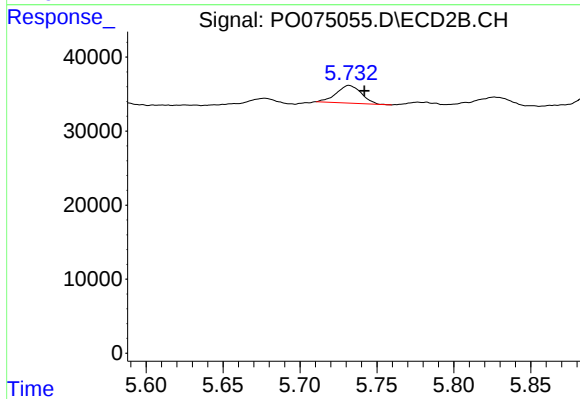
#6 AR-1016-4

R.T.: 5.507 min  
Delta R.T.: -0.008 min  
Response: 67505  
Conc: 48.03 ng/ml



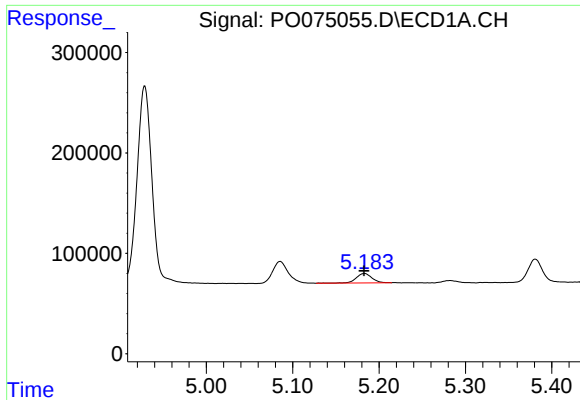
#7 AR-1016-5

R.T.: 6.765 min  
Delta R.T.: -0.002 min  
Response: 46167  
Conc: 16.88 ng/ml



#7 AR-1016-5

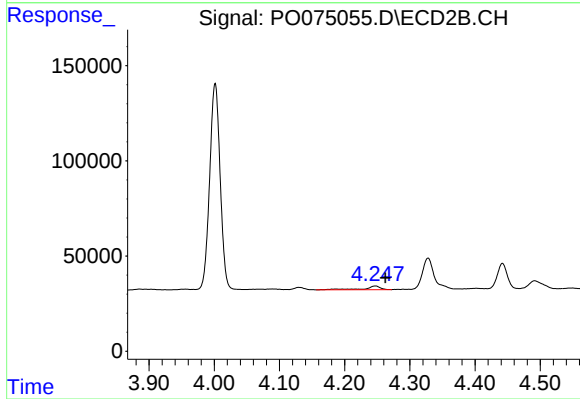
R.T.: 5.732 min  
Delta R.T.: -0.010 min  
Response: 26805  
Conc: 15.59 ng/ml



#8 AR-1221-1

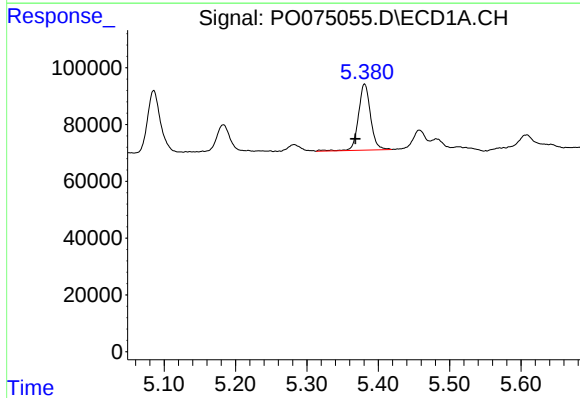
R.T.: 5.183 min  
Delta R.T.: 0.000 min  
Response: 117060  
Conc: 95.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



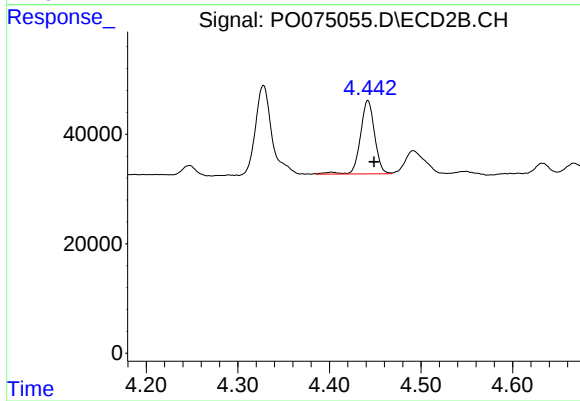
#8 AR-1221-1

R.T.: 4.247 min  
Delta R.T.: -0.016 min  
Response: 31560  
Conc: 44.42 ng/ml



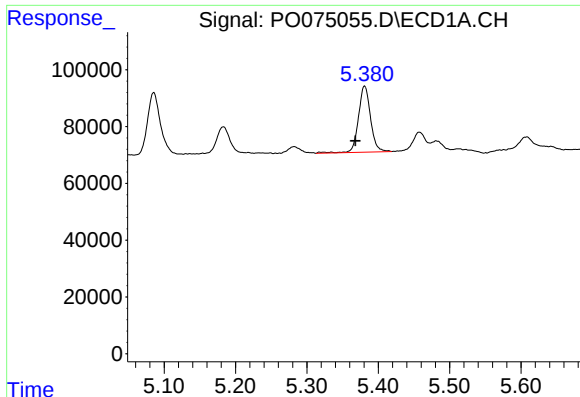
#10 AR-1221-3

R.T.: 5.381 min  
Delta R.T.: 0.013 min  
Response: 275597  
Conc: 97.82 ng/ml



#10 AR-1221-3

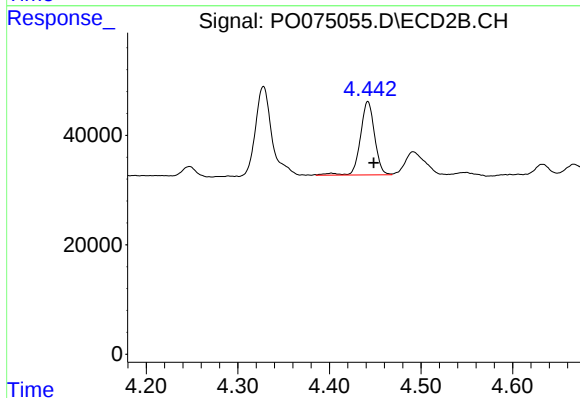
R.T.: 4.442 min  
Delta R.T.: -0.007 min  
Response: 144711  
Conc: 90.50 ng/ml



#11 AR-1232-1

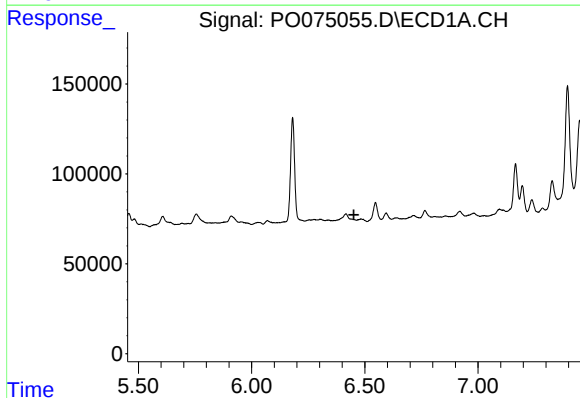
R.T.: 5.381 min  
Delta R.T.: 0.013 min  
Response: 275597  
Conc: 120.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



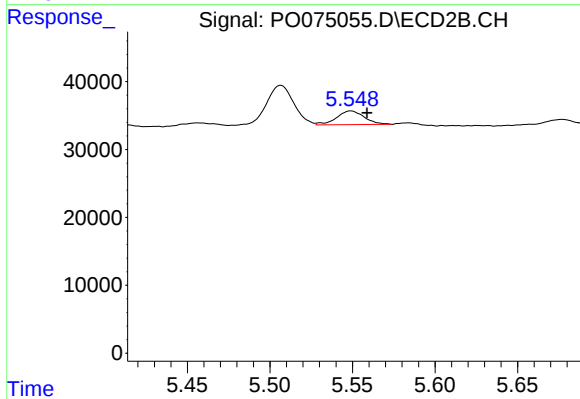
#11 AR-1232-1

R.T.: 4.442 min  
Delta R.T.: -0.006 min  
Response: 144711  
Conc: 110.40 ng/ml



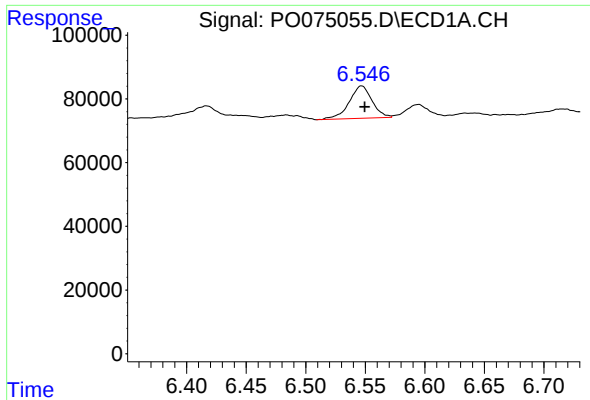
#14 AR-1232-4

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



#14 AR-1232-4

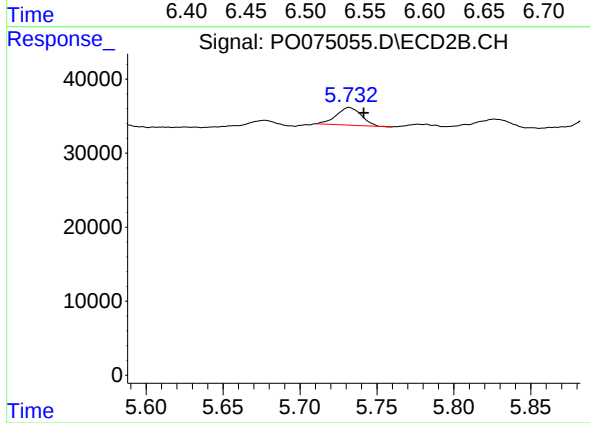
R.T.: 5.549 min  
Delta R.T.: -0.010 min  
Response: 23654  
Conc: 37.19 ng/ml



#15 AR-1232-5

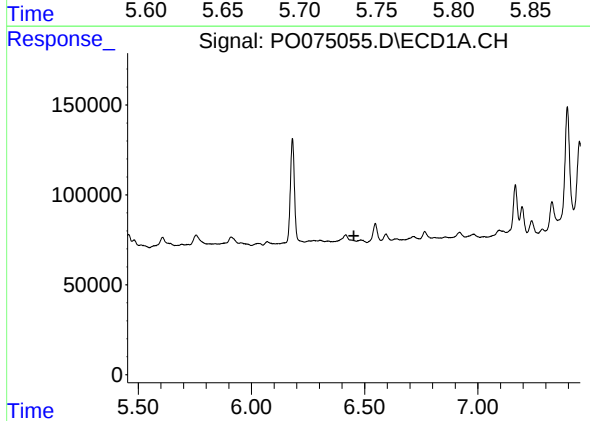
R.T.: 6.547 min  
Delta R.T.: -0.002 min  
Response: 135692  
Conc: 166.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



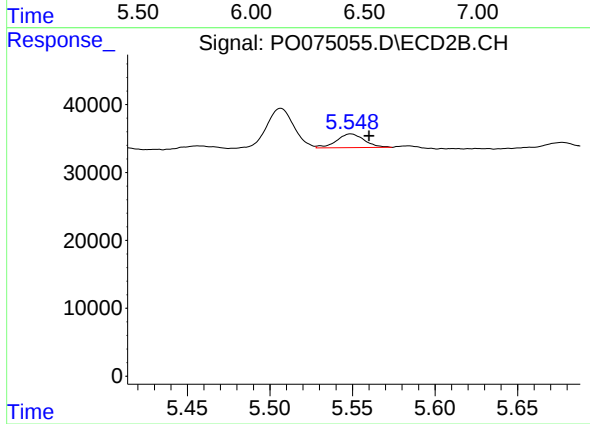
#15 AR-1232-5

R.T.: 5.732 min  
Delta R.T.: -0.009 min  
Response: 26805  
Conc: 38.60 ng/ml



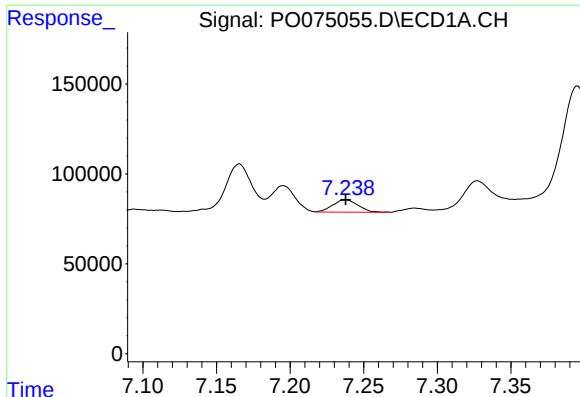
#19 AR-1242-4

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



#19 AR-1242-4

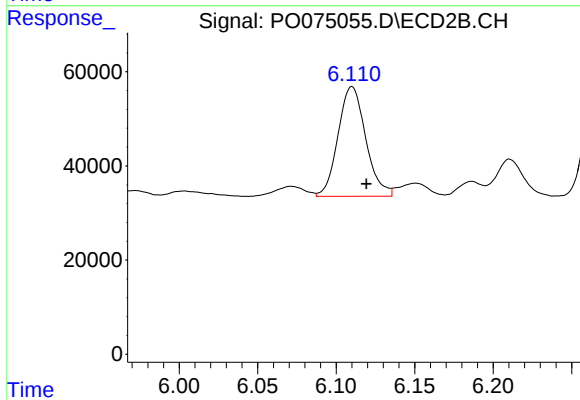
R.T.: 5.549 min  
Delta R.T.: -0.011 min  
Response: 23654  
Conc: 18.10 ng/ml



#20 AR-1242-5

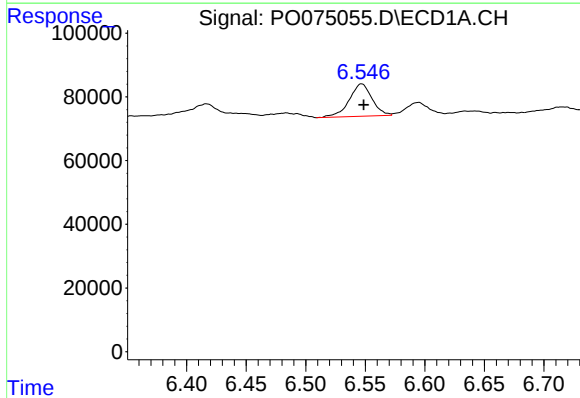
R.T.: 7.238 min  
Delta R.T.: 0.000 min  
Response: 82558  
Conc: 32.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



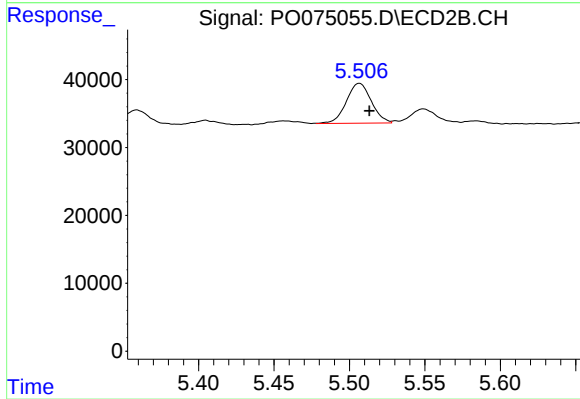
#20 AR-1242-5

R.T.: 6.110 min  
Delta R.T.: -0.009 min  
Response: 286031  
Conc: 163.37 ng/ml



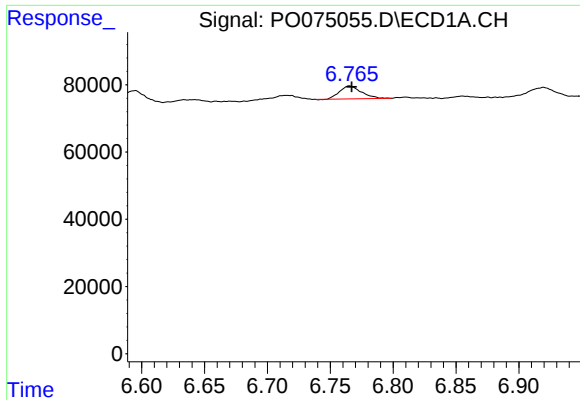
#22 AR-1248-2

R.T.: 6.547 min  
Delta R.T.: -0.002 min  
Response: 135692  
Conc: 43.63 ng/ml



#22 AR-1248-2

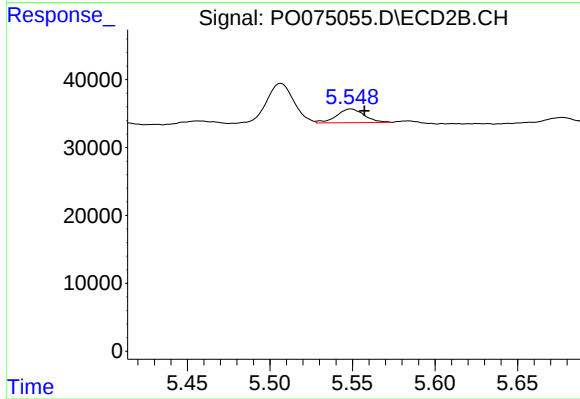
R.T.: 5.507 min  
Delta R.T.: -0.007 min  
Response: 67505  
Conc: 35.92 ng/ml



#23 AR-1248-3

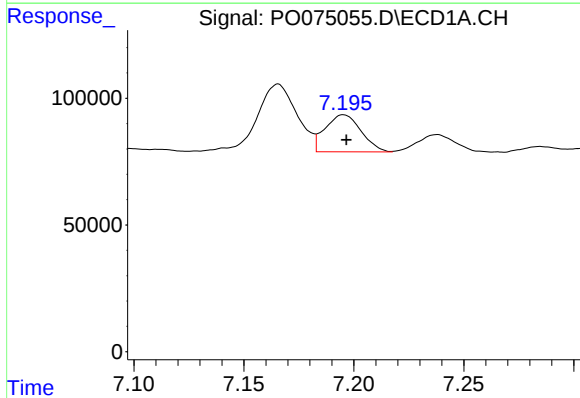
R.T.: 6.765 min  
Delta R.T.: -0.002 min  
Response: 46167  
Conc: 12.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



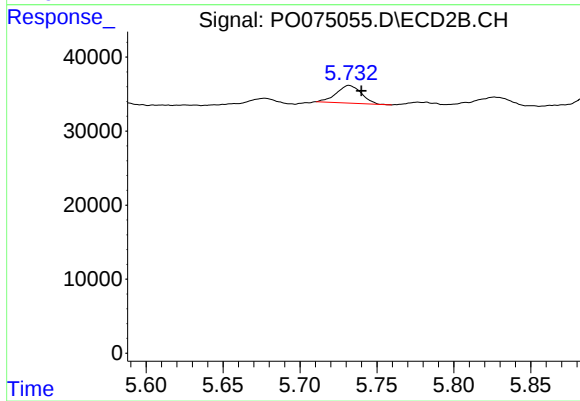
#23 AR-1248-3

R.T.: 5.549 min  
Delta R.T.: -0.008 min  
Response: 23654  
Conc: 12.53 ng/ml



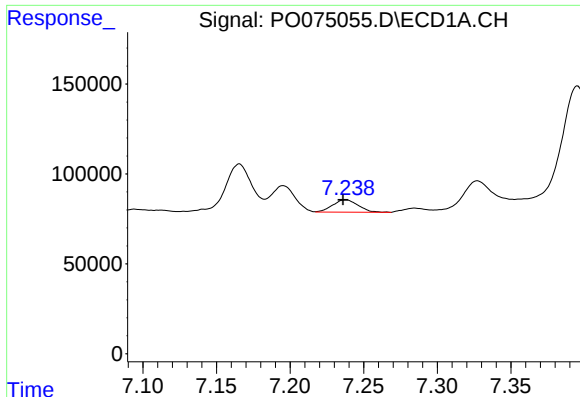
#24 AR-1248-4

R.T.: 7.195 min  
Delta R.T.: -0.001 min  
Response: 166073  
Conc: 37.24 ng/ml



#24 AR-1248-4

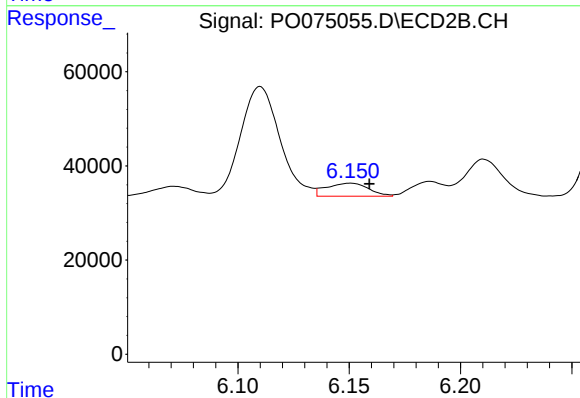
R.T.: 5.732 min  
Delta R.T.: -0.008 min  
Response: 26805  
Conc: 11.90 ng/ml



#25 AR-1248-5

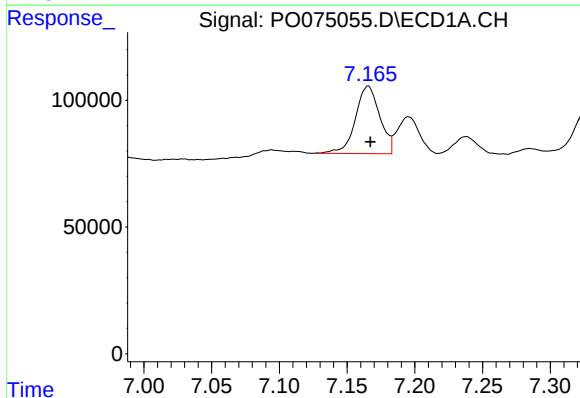
R.T.: 7.238 min  
Delta R.T.: 0.002 min  
Response: 82558  
Conc: 19.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



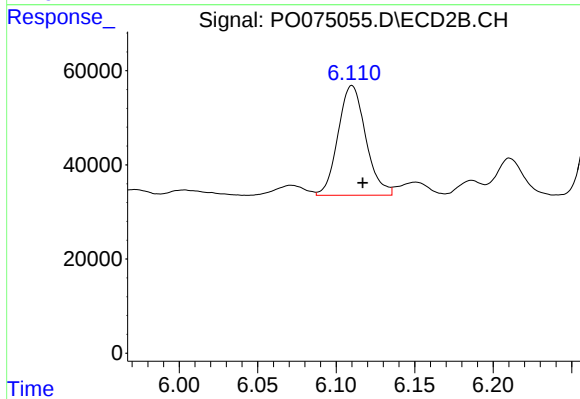
#25 AR-1248-5

R.T.: 6.151 min  
Delta R.T.: -0.008 min  
Response: 36371  
Conc: 15.47 ng/ml



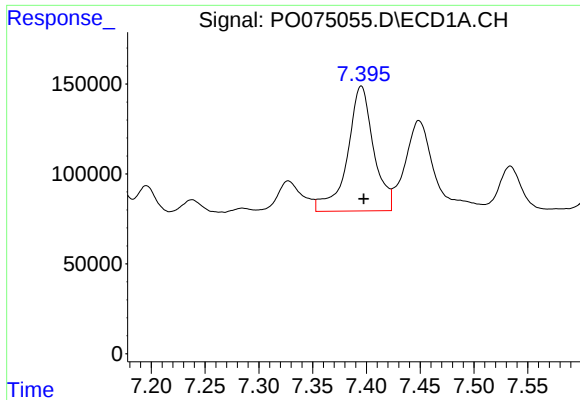
#26 AR-1254-1

R.T.: 7.166 min  
Delta R.T.: -0.002 min  
Response: 333009  
Conc: 75.72 ng/ml



#26 AR-1254-1

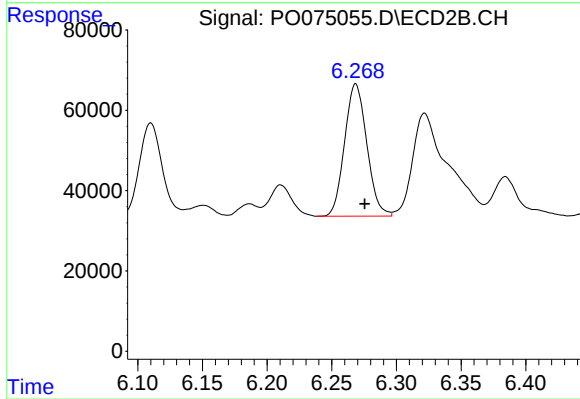
R.T.: 6.110 min  
Delta R.T.: -0.007 min  
Response: 286031  
Conc: 79.19 ng/ml



#27 AR-1254-2

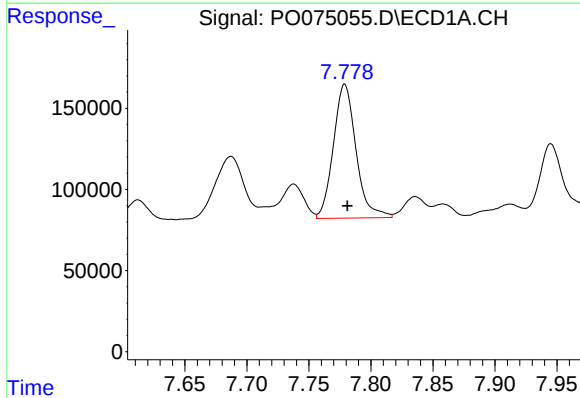
R.T.: 7.395 min  
Delta R.T.: -0.002 min  
Response: 1180740  
Conc: 173.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



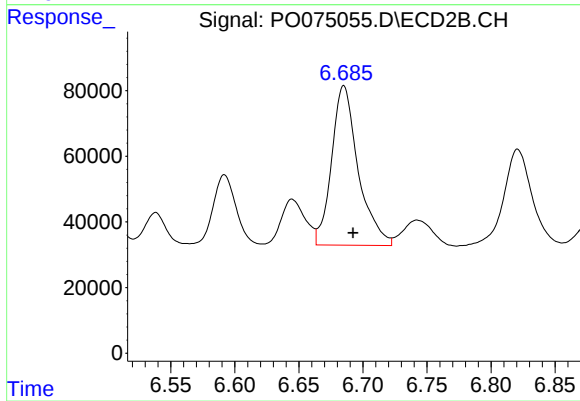
#27 AR-1254-2

R.T.: 6.269 min  
Delta R.T.: -0.007 min  
Response: 394957  
Conc: 126.73 ng/ml



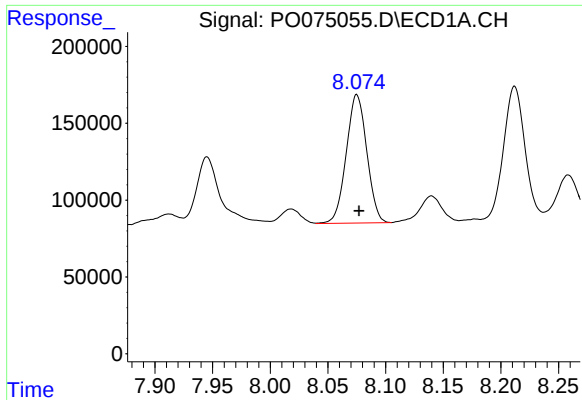
#28 AR-1254-3

R.T.: 7.779 min  
Delta R.T.: -0.002 min  
Response: 1050678  
Conc: 149.79 ng/ml



#28 AR-1254-3

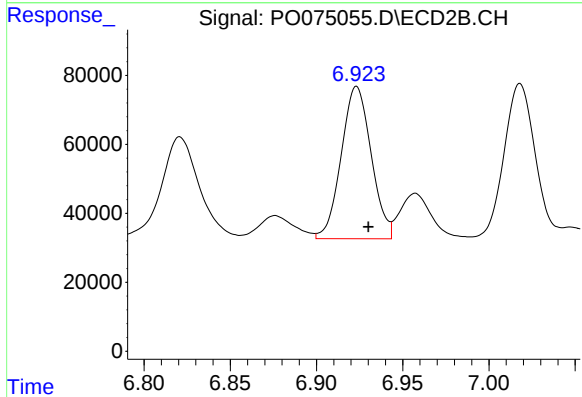
R.T.: 6.685 min  
Delta R.T.: -0.007 min  
Response: 702255  
Conc: 143.20 ng/ml



#29 AR-1254-4

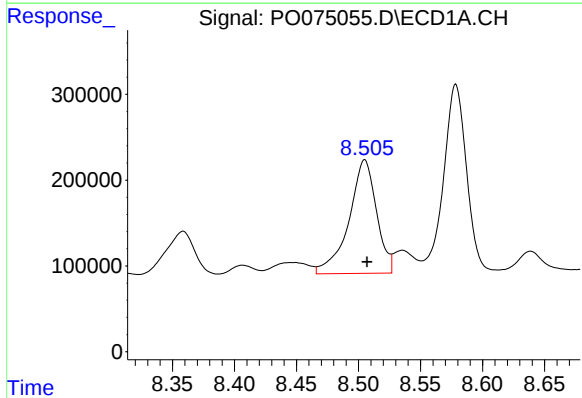
R.T.: 8.075 min  
Delta R.T.: -0.002 min  
Response: 1033263  
Conc: 170.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



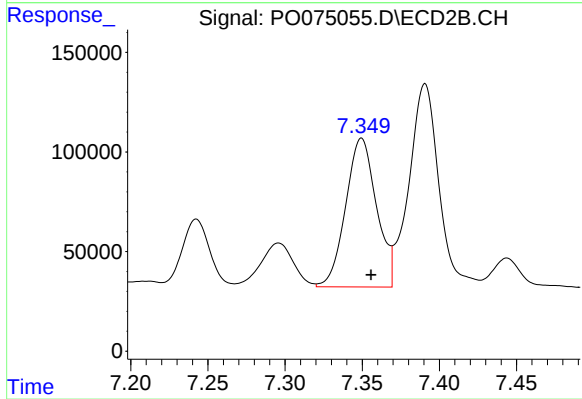
#29 AR-1254-4

R.T.: 6.923 min  
Delta R.T.: -0.007 min  
Response: 533399  
Conc: 153.82 ng/ml



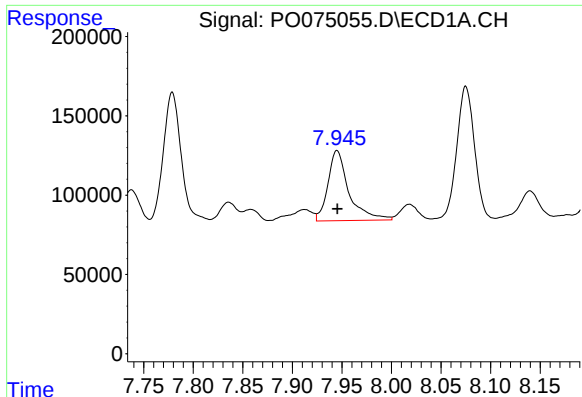
#30 AR-1254-5

R.T.: 8.505 min  
Delta R.T.: -0.002 min  
Response: 2055054  
Conc: 353.77 ng/ml



#30 AR-1254-5

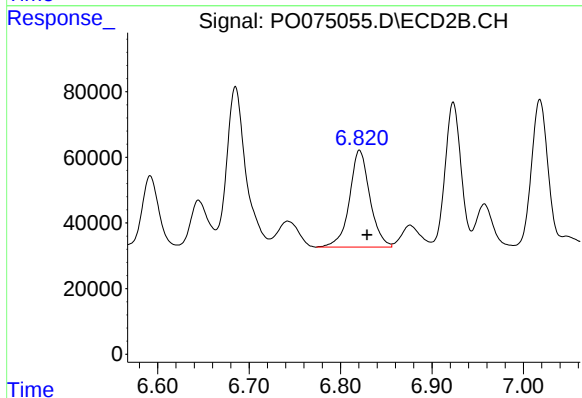
R.T.: 7.350 min  
Delta R.T.: -0.006 min  
Response: 1036900  
Conc: 229.10 ng/ml



#31 AR-1260-1

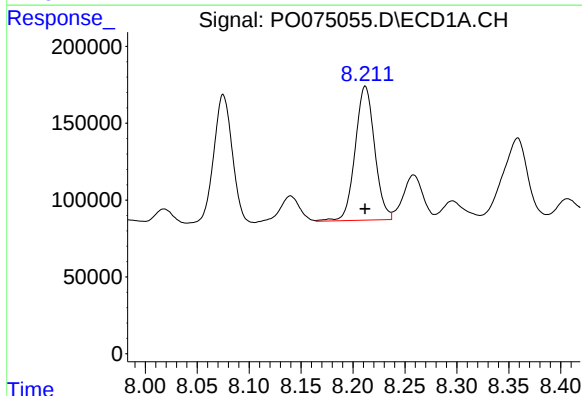
R.T.: 7.945 min  
Delta R.T.: 0.000 min  
Response: 652732  
Conc: 130.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



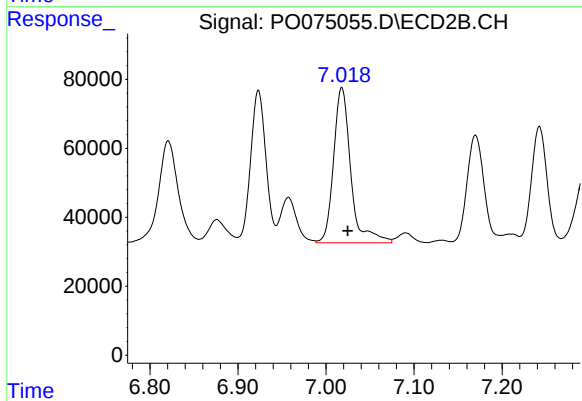
#31 AR-1260-1

R.T.: 6.821 min  
Delta R.T.: -0.008 min  
Response: 459439  
Conc: 144.01 ng/ml



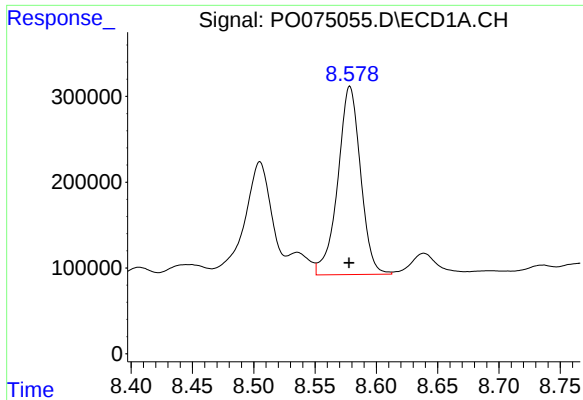
#32 AR-1260-2

R.T.: 8.212 min  
Delta R.T.: 0.000 min  
Response: 1137910  
Conc: 167.29 ng/ml



#32 AR-1260-2

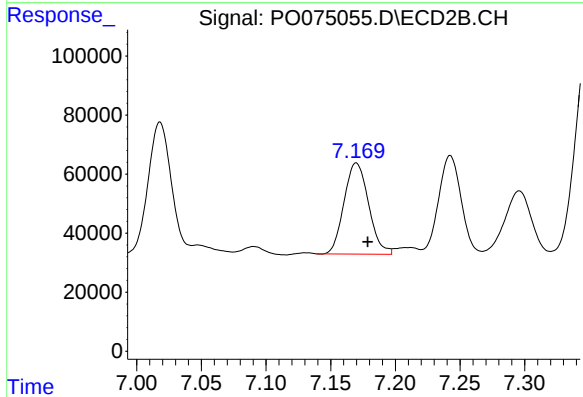
R.T.: 7.018 min  
Delta R.T.: -0.007 min  
Response: 610999  
Conc: 143.73 ng/ml



#33 AR-1260-3

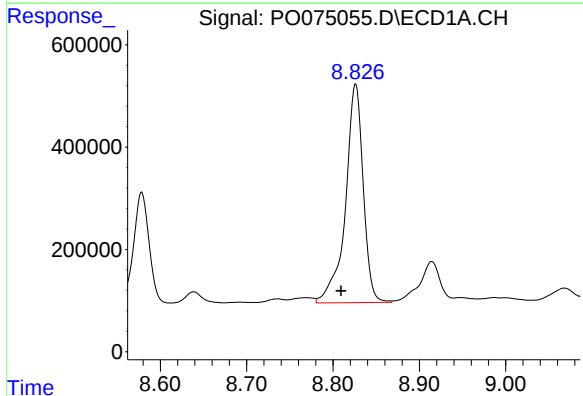
R.T.: 8.578 min  
Delta R.T.: 0.000 min  
Response: 2832648  
Conc: 494.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



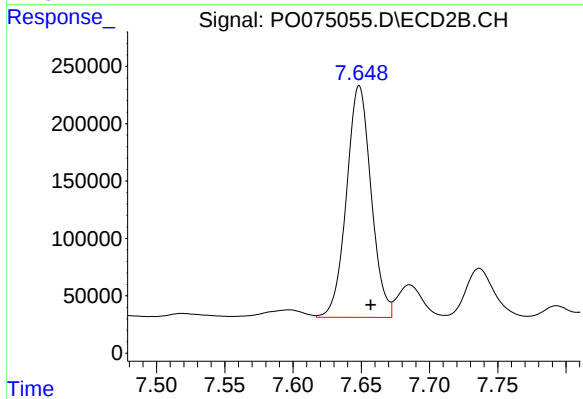
#33 AR-1260-3

R.T.: 7.170 min  
Delta R.T.: -0.009 min  
Response: 408002  
Conc: 113.22 ng/ml



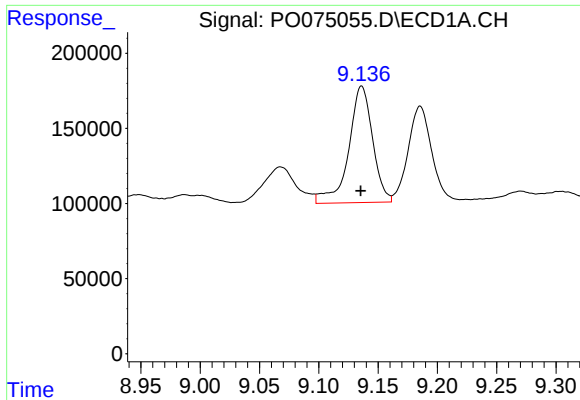
#34 AR-1260-4

R.T.: 8.826 min  
Delta R.T.: 0.017 min  
Response: 6106993  
Conc: 1116.18 ng/ml



#34 AR-1260-4

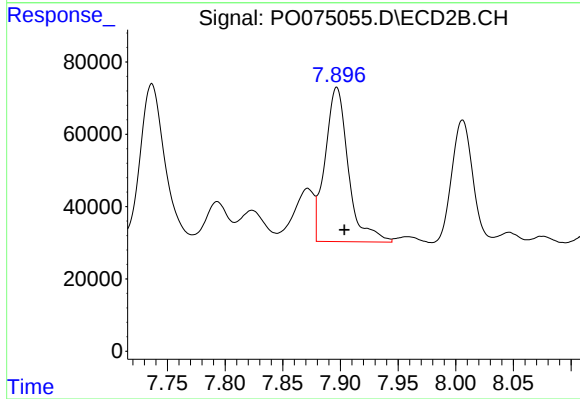
R.T.: 7.649 min  
Delta R.T.: -0.008 min  
Response: 2539166  
Conc: 810.89 ng/ml



#35 AR-1260-5

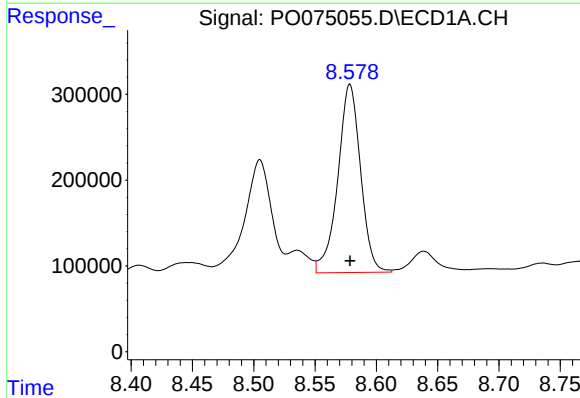
R.T.: 9.136 min  
Delta R.T.: 0.000 min  
Response: 1089978  
Conc: 87.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



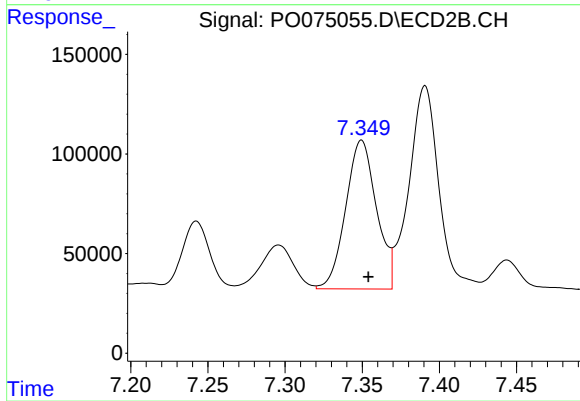
#35 AR-1260-5

R.T.: 7.897 min  
Delta R.T.: -0.006 min  
Response: 596589  
Conc: 75.06 ng/ml



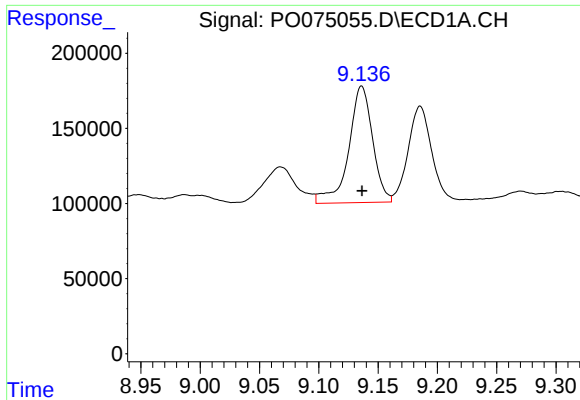
#36 AR-1262-1

R.T.: 8.578 min  
Delta R.T.: 0.000 min  
Response: 2832648  
Conc: 318.13 ng/ml



#36 AR-1262-1

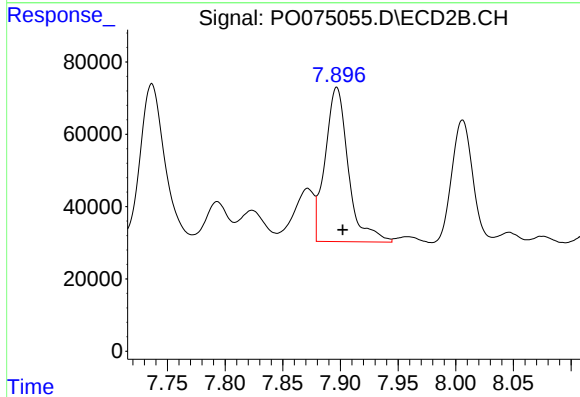
R.T.: 7.350 min  
Delta R.T.: -0.004 min  
Response: 1036900  
Conc: 407.49 ng/ml



#37 AR-1262-2

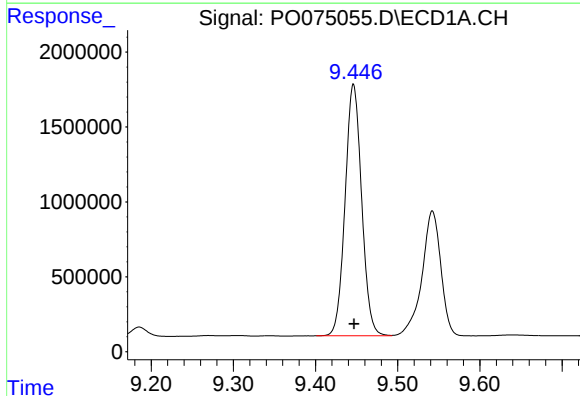
R.T.: 9.136 min  
Delta R.T.: 0.000 min  
Response: 1089978  
Conc: 71.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



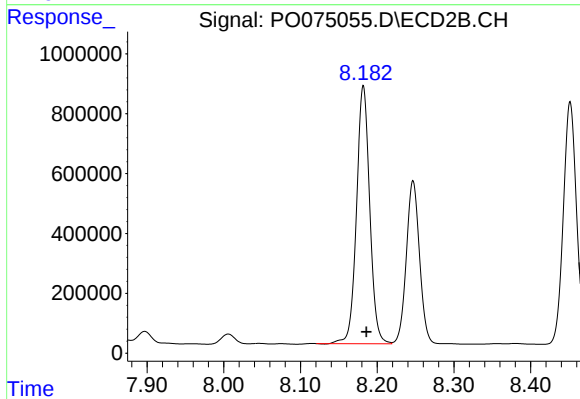
#37 AR-1262-2

R.T.: 7.897 min  
Delta R.T.: -0.005 min  
Response: 596589  
Conc: 64.89 ng/ml



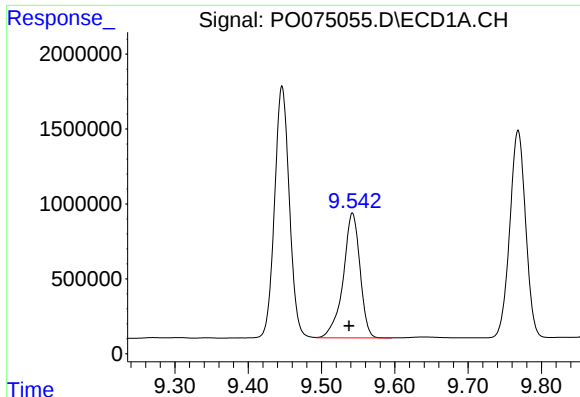
#38 AR-1262-3

R.T.: 9.446 min  
Delta R.T.: 0.000 min  
Response: 23505403  
Conc: 2346.83 ng/ml



#38 AR-1262-3

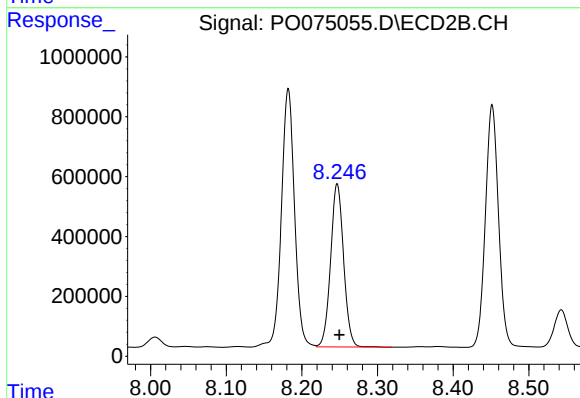
R.T.: 8.182 min  
Delta R.T.: -0.004 min  
Response: 10378996  
Conc: 2624.72 ng/ml



#39 AR-1262-4

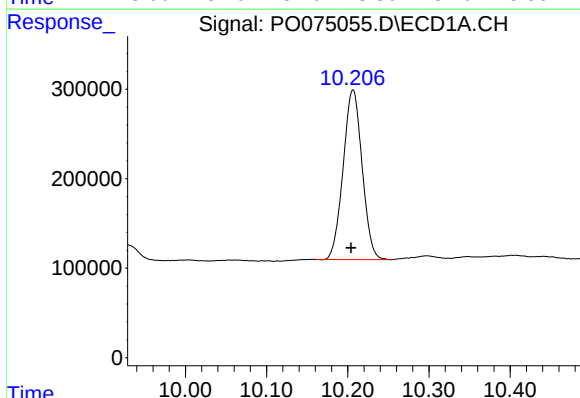
R.T.: 9.542 min  
Delta R.T.: 0.005 min  
Response: 13282746  
Conc: 1783.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



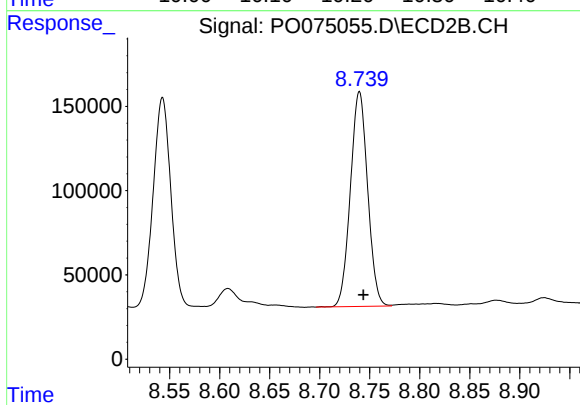
#39 AR-1262-4

R.T.: 8.247 min  
Delta R.T.: -0.003 min  
Response: 6514771  
Conc: 983.33 ng/ml



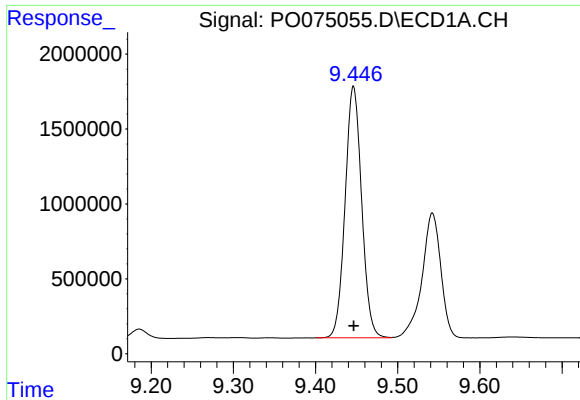
#40 AR-1262-5

R.T.: 10.206 min  
Delta R.T.: 0.002 min  
Response: 3076848  
Conc: 588.13 ng/ml



#40 AR-1262-5

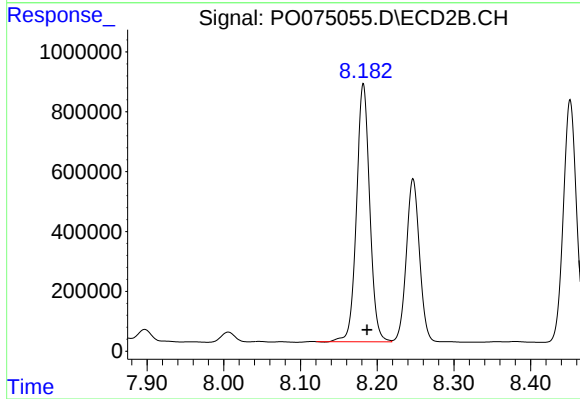
R.T.: 8.740 min  
Delta R.T.: -0.004 min  
Response: 1530090  
Conc: 495.59 ng/ml



#41 AR-1268-1

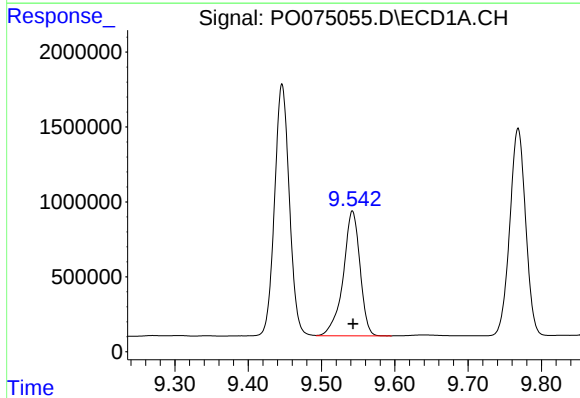
R.T.: 9.446 min  
Delta R.T.: 0.000 min  
Response: 23505403  
Conc: 1258.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



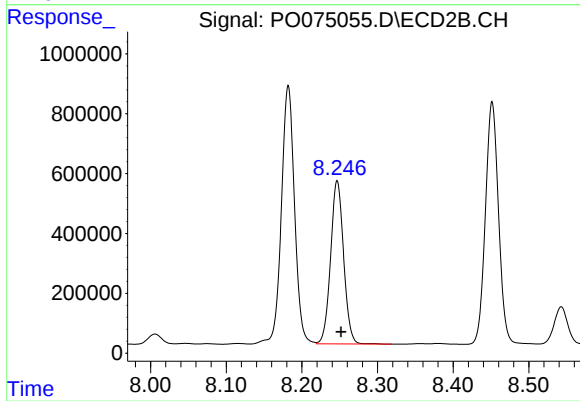
#41 AR-1268-1

R.T.: 8.182 min  
Delta R.T.: -0.005 min  
Response: 10378996  
Conc: 927.13 ng/ml



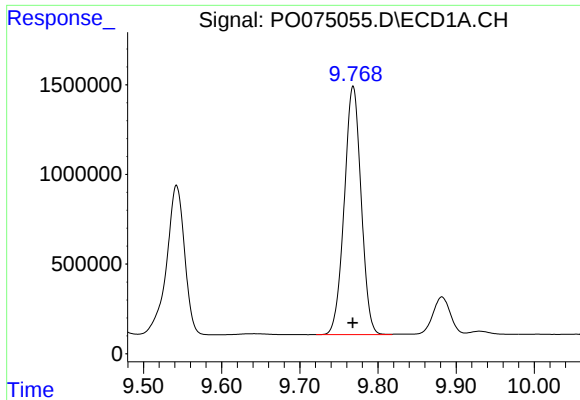
#42 AR-1268-2

R.T.: 9.542 min  
Delta R.T.: -0.001 min  
Response: 13282746  
Conc: 832.52 ng/ml



#42 AR-1268-2

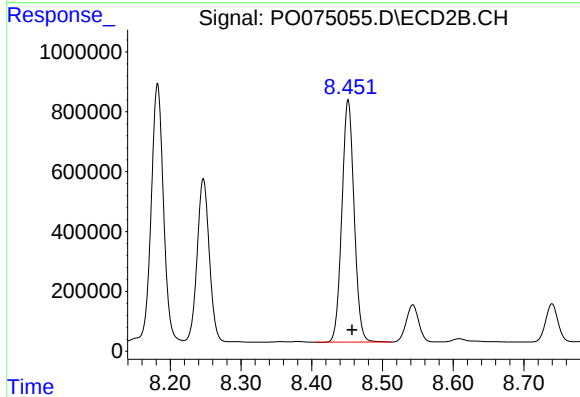
R.T.: 8.247 min  
Delta R.T.: -0.005 min  
Response: 6514771  
Conc: 680.95 ng/ml



#43 AR-1268-3

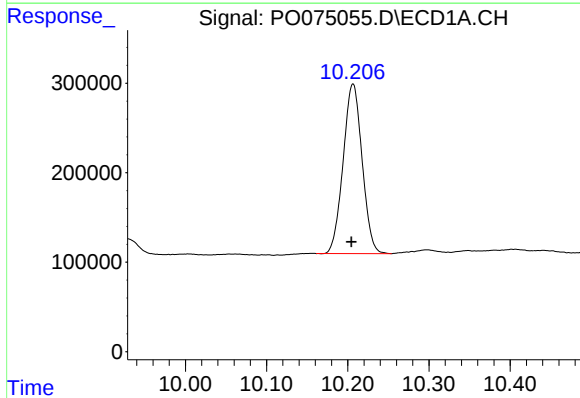
R.T.: 9.768 min  
Delta R.T.: 0.000 min  
Response: 20766066  
Conc: 1462.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



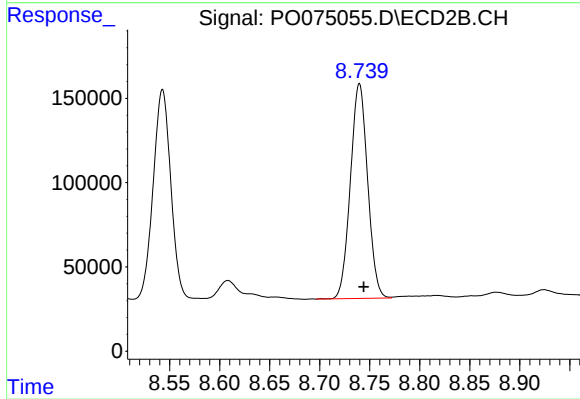
#43 AR-1268-3

R.T.: 8.452 min  
Delta R.T.: -0.006 min  
Response: 9740000  
Conc: 1172.24 ng/ml



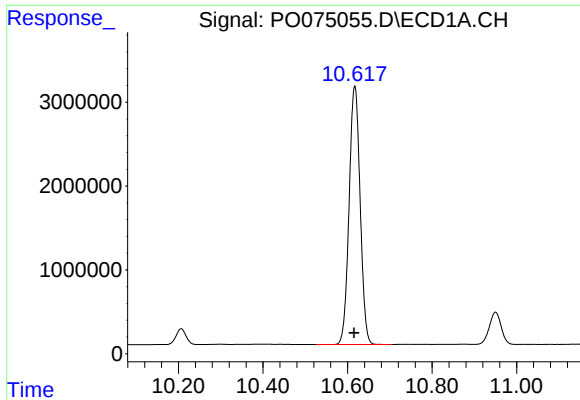
#44 AR-1268-4

R.T.: 10.206 min  
Delta R.T.: 0.002 min  
Response: 3076848  
Conc: 525.19 ng/ml



#44 AR-1268-4

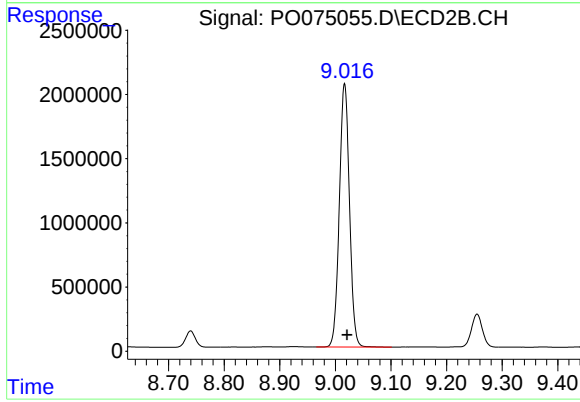
R.T.: 8.740 min  
Delta R.T.: -0.004 min  
Response: 1530090  
Conc: 441.06 ng/ml



#45 AR-1268-5

R.T.: 10.617 min  
Delta R.T.: 0.002 min  
Response: 55808872  
Conc: 1335.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.017 min  
Delta R.T.: -0.005 min  
Response: 25971971  
Conc: 1096.84 ng/ml