

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0091621\  
 Data File : P0081306.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Sep 2021 16:17  
 Operator : AJ\MA  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 17 01:32:05 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0090221.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Sep 03 07:15:29 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... | 4.926  | 4.051 | 4416150 | 1339285 | 55.941   | 54.196     |
| 2)                          | SA Decachlor... | 10.986 | 9.410 | 3266880 | 1266543 | 55.021   | 54.255     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.257  | 5.323 | 967235  | 327036  | 341.070  | 339.066    |
| 4)                          | L1 AR-1016-2    | 6.281  | 5.343 | 1144437 | 345480  | 286.824  | 258.312    |
| 5)                          | L1 AR-1016-3    | 6.346  | 5.539 | 590412  | 216571  | 233.312  | 302.941 #  |
| 6)                          | L1 AR-1016-4    | 6.453  | 5.589 | 638810  | 433415  | 301.521  | 721.025 #  |
| 7)                          | L1 AR-1016-5    | 6.771  | 5.821 | 1466770 | 483881  | 747.170  | 642.809    |
| 9)                          | L2 AR-1221-2    | 5.281  | 4.410 | 85763   | 25577   | 116.665  | 103.755    |
| 10)                         | L2 AR-1221-3    | 5.367  | 4.503 | 154193  | 44063   | 67.737   | 56.255     |
| 11)                         | L3 AR-1232-1    | 5.367  | 4.503 | 154193  | 44063   | 89.629   | 72.573     |
| 12)                         | L3 AR-1232-2    | 5.959  | 5.343 | 457881  | 345480  | 466.418  | 563.642    |
| 13)                         | L3 AR-1232-3    | 6.281  | 5.539 | 1144437 | 216571  | 632.293  | 667.178    |
| 14)                         | L3 AR-1232-4    | 6.453  | 5.633 | 638810  | 438760  | 659.327  | 1454.850 # |
| 15)                         | L3 AR-1232-5    | 6.553  | 5.821 | 1253083 | 483881  | 1870.666 | 1454.372   |
| 16)                         | L4 AR-1242-1    | 6.257  | 5.323 | 967235  | 327036  | 441.936  | 439.046    |
| 17)                         | L4 AR-1242-2    | 6.281  | 5.343 | 1144437 | 345480  | 374.142  | 338.686    |
| 18)                         | L4 AR-1242-3    | 6.346  | 5.539 | 590412  | 216571  | 308.484  | 390.271 #  |
| 19)                         | L4 AR-1242-4    | 6.453  | 5.633 | 638810  | 438760  | 414.131  | 775.534 #  |
| 20)                         | L4 AR-1242-5    | 7.242  | 6.203 | 1526873 | 718496  | 953.011  | 992.059    |
| 21)                         | L5 AR-1248-1    | 6.257  | 5.323 | 967235  | 327036  | 560.587  | 552.390    |
| 22)                         | L5 AR-1248-2    | 6.553  | 5.589 | 1253083 | 433415  | 563.417  | 521.833    |
| 23)                         | L5 AR-1248-3    | 6.771  | 5.633 | 1466770 | 438760  | 554.242  | 516.960    |
| 24)                         | L5 AR-1248-4    | 7.202  | 5.821 | 1617146 | 483881  | 561.480  | 489.413    |
| 25)                         | L5 AR-1248-5    | 7.242  | 6.246 | 1526873 | 505329  | 555.205  | 557.377    |
| 26)                         | L6 AR-1254-1    | 7.171  | 6.203 | 1274640 | 718496  | 394.408  | 454.203    |
| 27)                         | L6 AR-1254-2    | 7.406  | 6.362 | 1590863 | 212837  | 319.646  | 147.214 #  |
| 28)                         | L6 AR-1254-3    | 7.785  | 6.787 | 895049  | 326361  | 177.015  | 145.873    |
| 29)                         | L6 AR-1254-4    | 8.083  | 7.028 | 570795  | 243443  | 152.739  | 171.974    |
| 30)                         | L6 AR-1254-5    | 8.512  | 7.459 | 114078  | 50864   | 27.578   | 24.107     |
| 31)                         | L7 AR-1260-1    | 7.953  | 6.937 | 39263   | 164932  | 11.295   | 112.382 #  |
| 32)                         | L7 AR-1260-2    | 8.217  | 7.121 | 217520  | 52832   | 48.808   | 30.099 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.279 | 0       | 71850   | N.D.     | 39.247 #   |
| 34)                         | L7 AR-1260-4    | 8.812  | 0.000 | 66308   | 0       | 20.715   | N.D. #     |
| 35)                         | L7 AR-1260-5    | 9.146  | 8.013 | 53224   | 22780   | 8.891    | 8.047      |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.459 | 0       | 50864   | N.D.     | 47.890 #   |
| 37)                         | L8 AR-1262-2    | 9.146  | 8.013 | 53224   | 22780   | 6.946    | 6.921      |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.366 | 0       | 14855   | N.D.     | 6.262 #    |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.366 | 0       | 14855   | N.D.     | 4.377 #    |
| -----                       |                 |        |       |         |         |          |            |

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

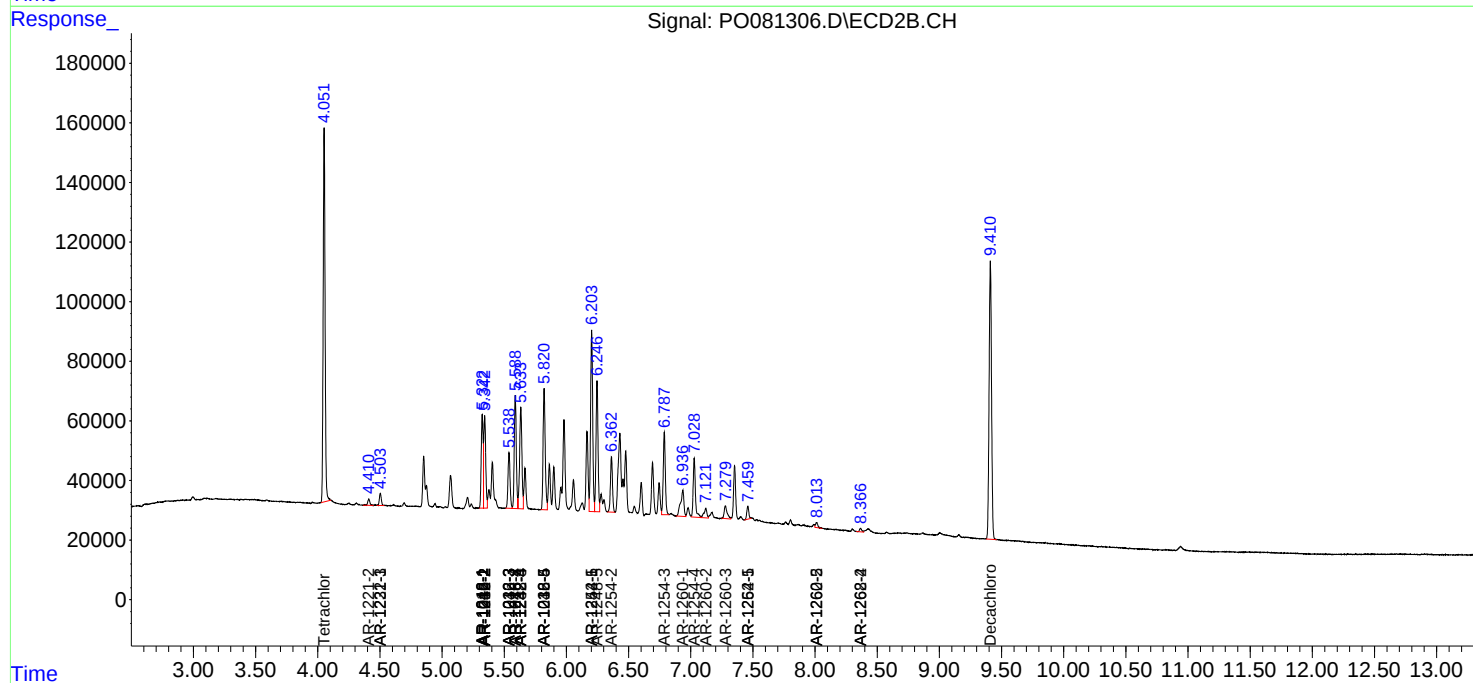
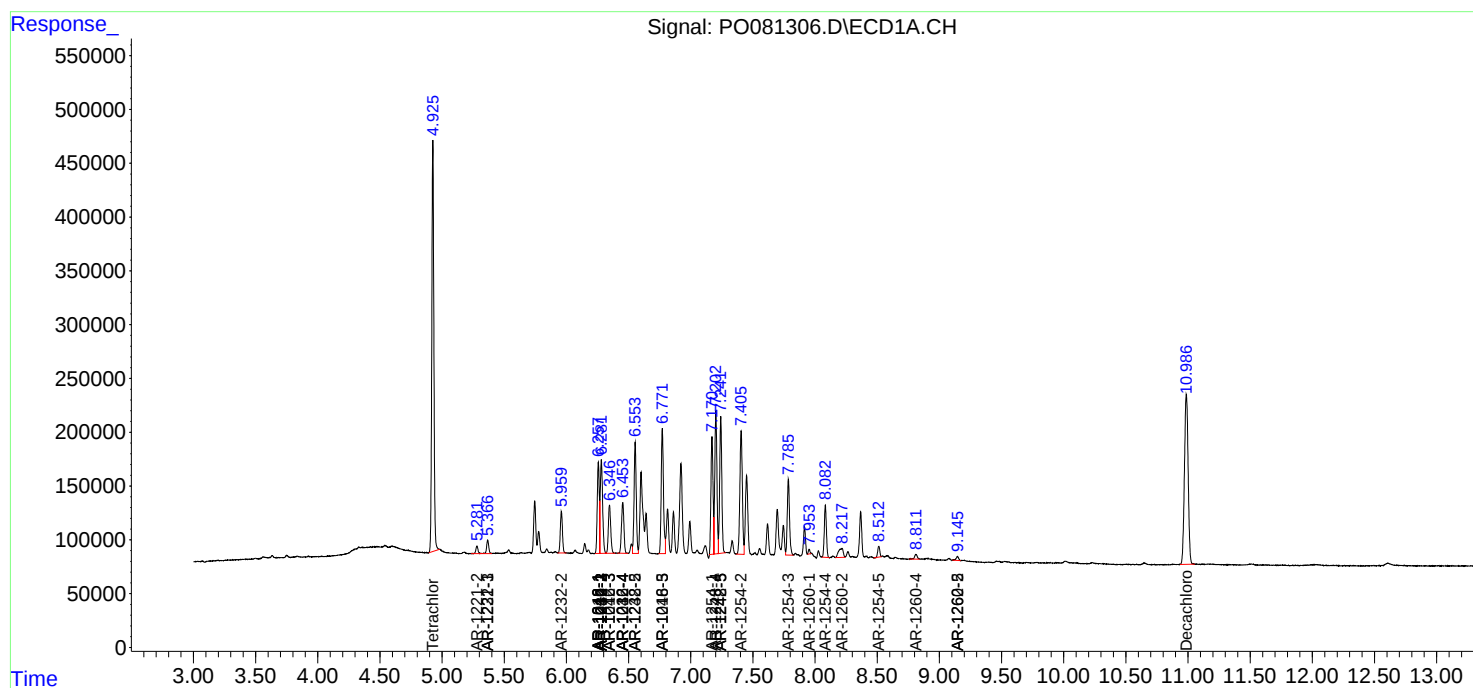
Instrument :  
ECD\_O  
ClientSampleId :

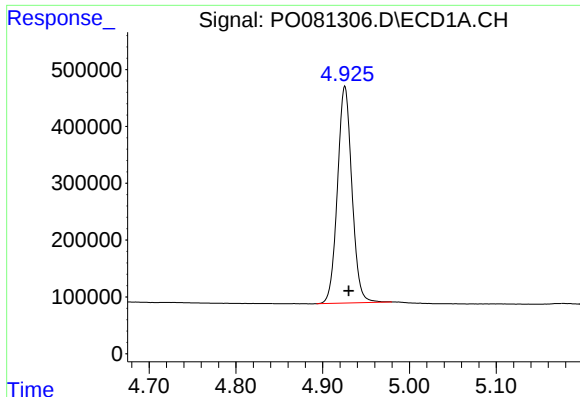
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0091621\  
Data File : P0081306.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 16 Sep 2021 16:17  
Operator : AJ\MA  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 17 01:32:05 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0090221.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Sep 03 07:15:29 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

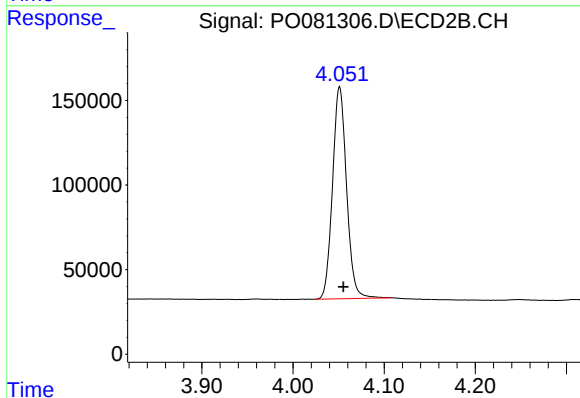




#1 Tetrachloro-m-xylene

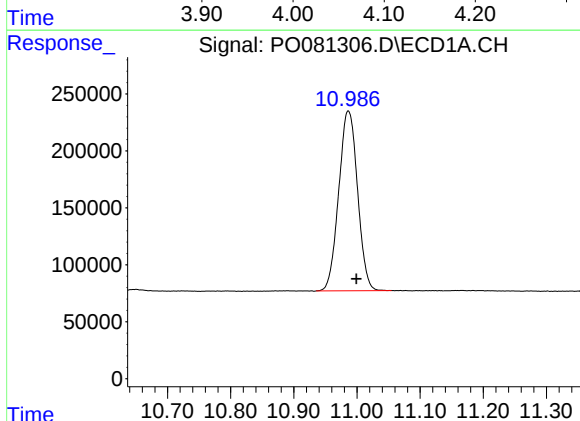
R.T.: 4.926 min  
Delta R.T.: -0.004 min  
Response: 4416150  
Conc: 55.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



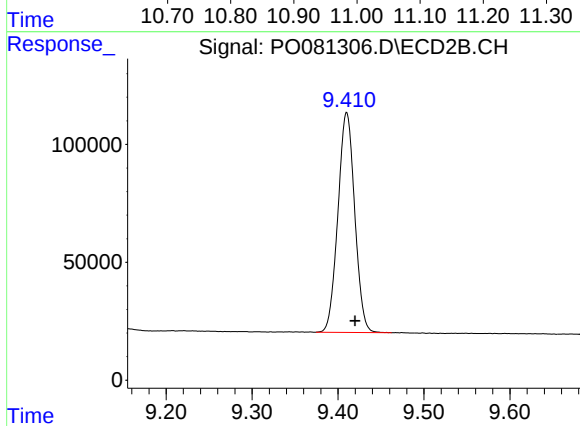
#1 Tetrachloro-m-xylene

R.T.: 4.051 min  
Delta R.T.: -0.004 min  
Response: 1339285  
Conc: 54.20 ng/ml



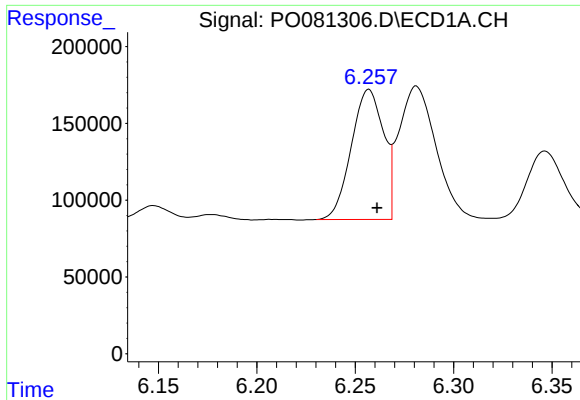
#2 Decachlorobiphenyl

R.T.: 10.986 min  
Delta R.T.: -0.013 min  
Response: 3266880  
Conc: 55.02 ng/ml



#2 Decachlorobiphenyl

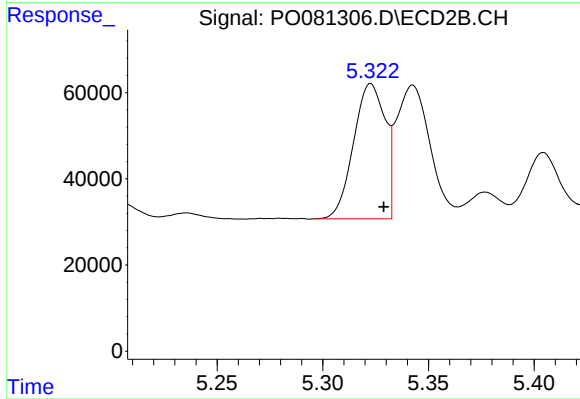
R.T.: 9.410 min  
Delta R.T.: -0.010 min  
Response: 1266543  
Conc: 54.26 ng/ml



#3 AR-1016-1

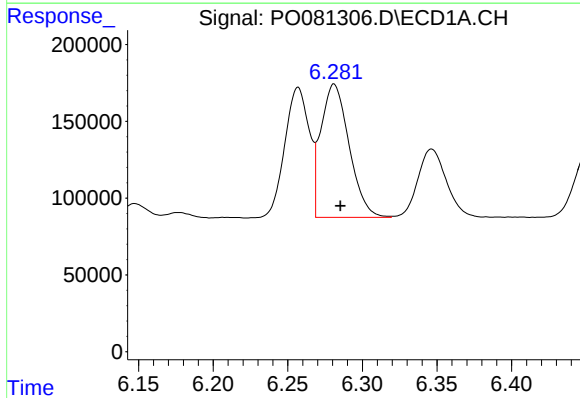
R.T.: 6.257 min  
Delta R.T.: -0.004 min  
Response: 967235  
Conc: 341.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



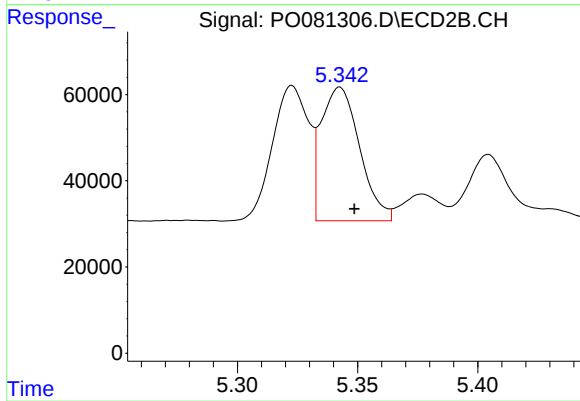
#3 AR-1016-1

R.T.: 5.323 min  
Delta R.T.: -0.006 min  
Response: 327036  
Conc: 339.07 ng/ml



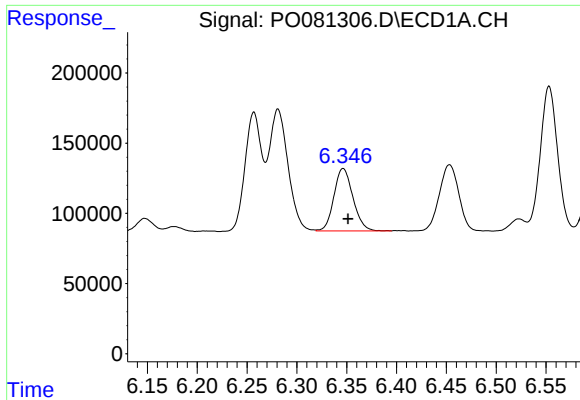
#4 AR-1016-2

R.T.: 6.281 min  
Delta R.T.: -0.004 min  
Response: 1144437  
Conc: 286.82 ng/ml



#4 AR-1016-2

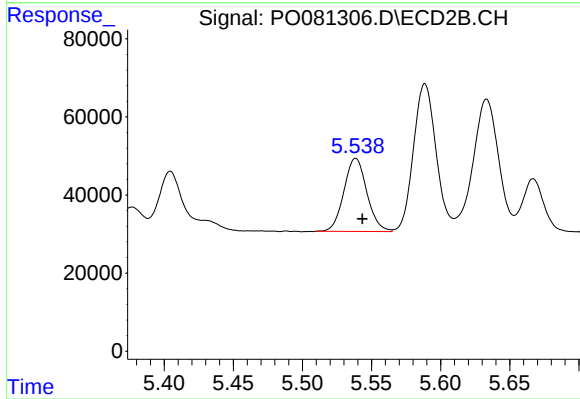
R.T.: 5.343 min  
Delta R.T.: -0.006 min  
Response: 345480  
Conc: 258.31 ng/ml



#5 AR-1016-3

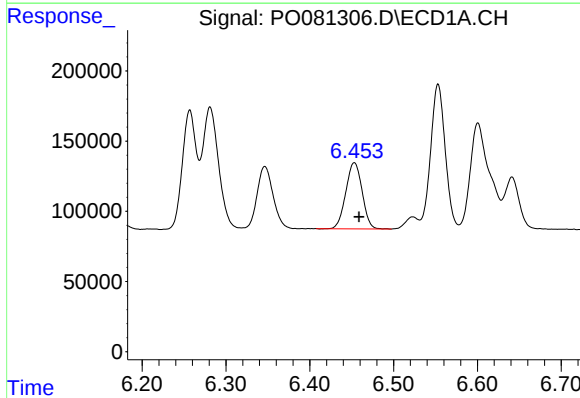
R.T.: 6.346 min  
Delta R.T.: -0.005 min  
Response: 590412  
Conc: 233.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



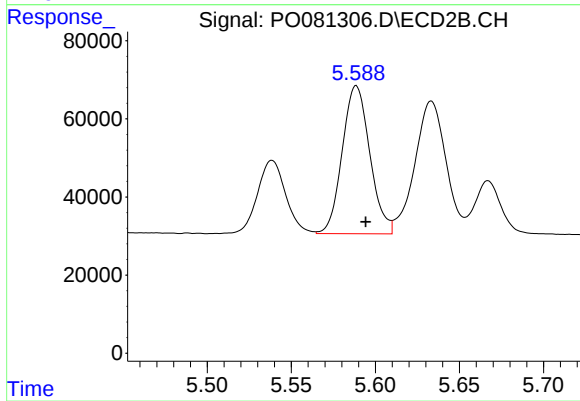
#5 AR-1016-3

R.T.: 5.539 min  
Delta R.T.: -0.005 min  
Response: 216571  
Conc: 302.94 ng/ml



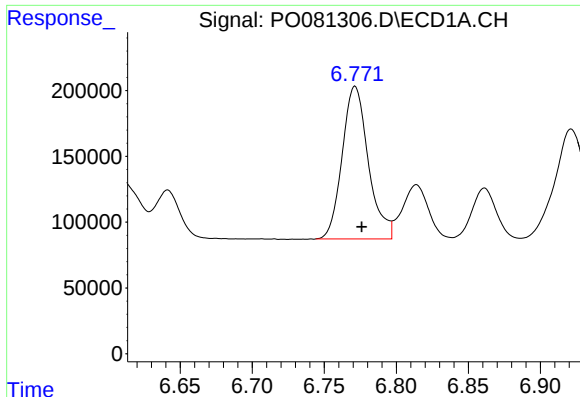
#6 AR-1016-4

R.T.: 6.453 min  
Delta R.T.: -0.006 min  
Response: 638810  
Conc: 301.52 ng/ml



#6 AR-1016-4

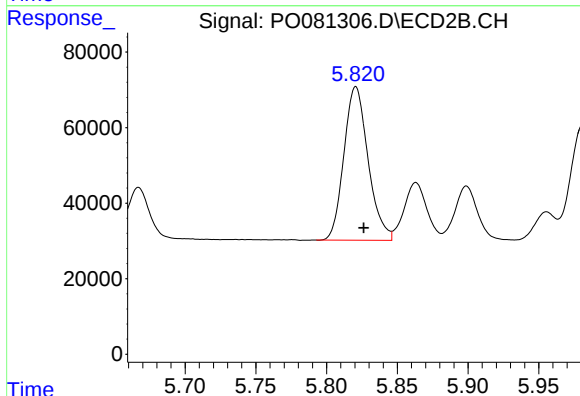
R.T.: 5.589 min  
Delta R.T.: -0.006 min  
Response: 433415  
Conc: 721.02 ng/ml



#7 AR-1016-5

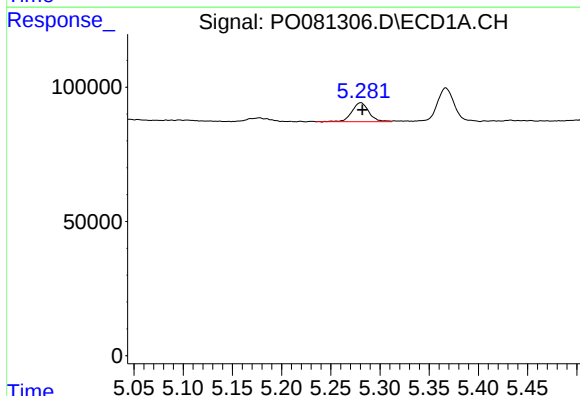
R.T.: 6.771 min  
Delta R.T.: -0.005 min  
Response: 1466770  
Conc: 747.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



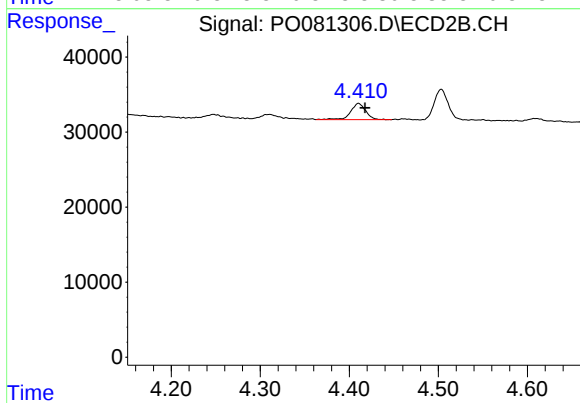
#7 AR-1016-5

R.T.: 5.821 min  
Delta R.T.: -0.006 min  
Response: 483881  
Conc: 642.81 ng/ml



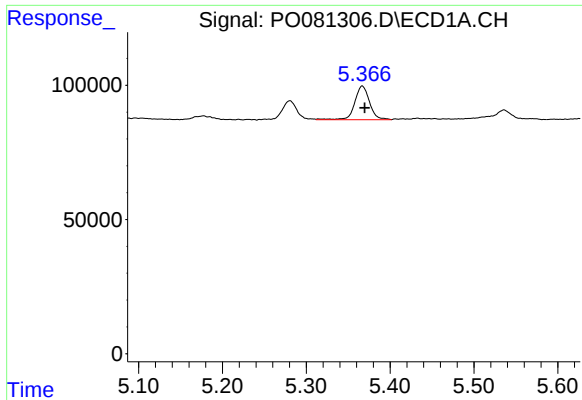
#9 AR-1221-2

R.T.: 5.281 min  
Delta R.T.: -0.001 min  
Response: 85763  
Conc: 116.67 ng/ml



#9 AR-1221-2

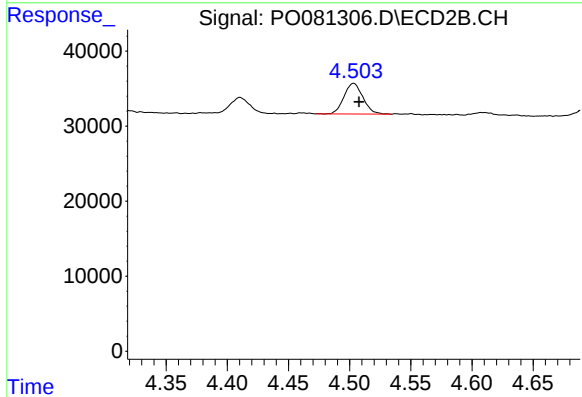
R.T.: 4.410 min  
Delta R.T.: -0.007 min  
Response: 25577  
Conc: 103.76 ng/ml



#10 AR-1221-3

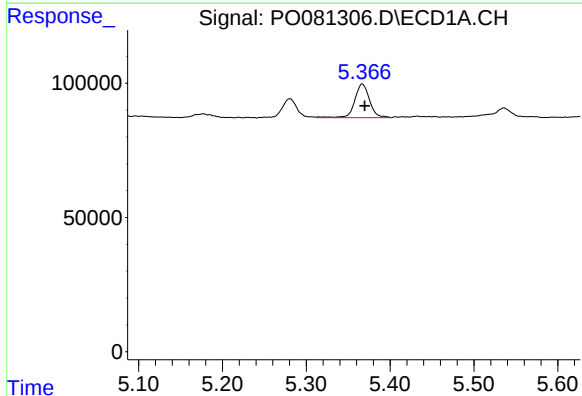
R.T.: 5.367 min  
Delta R.T.: -0.003 min  
Response: 154193  
Conc: 67.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



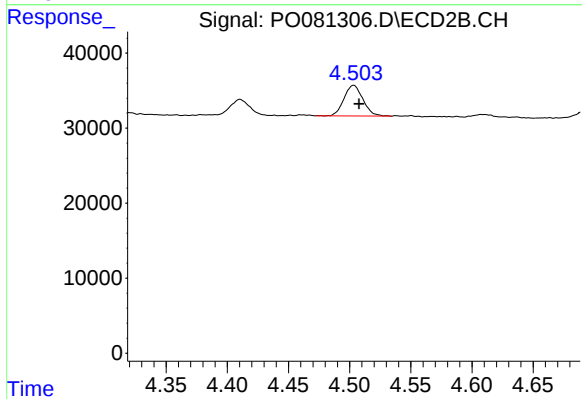
#10 AR-1221-3

R.T.: 4.503 min  
Delta R.T.: -0.004 min  
Response: 44063  
Conc: 56.25 ng/ml



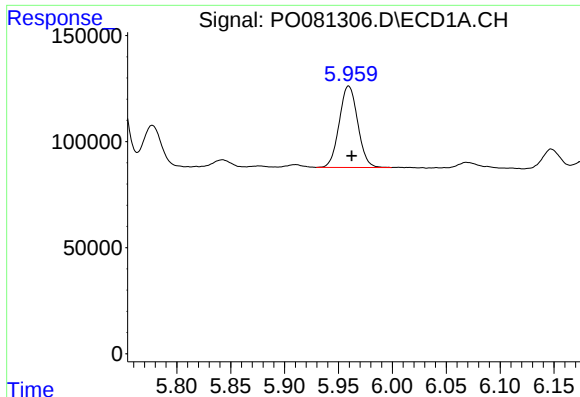
#11 AR-1232-1

R.T.: 5.367 min  
Delta R.T.: -0.003 min  
Response: 154193  
Conc: 89.63 ng/ml



#11 AR-1232-1

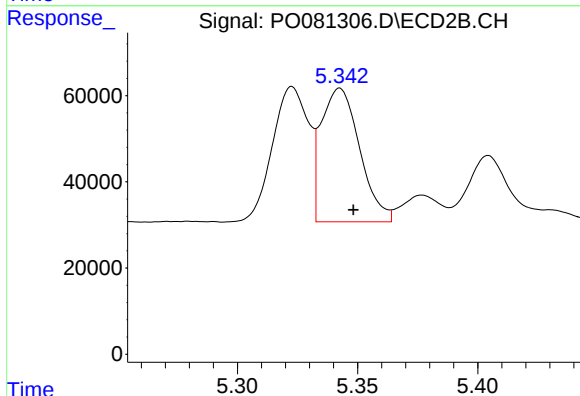
R.T.: 4.503 min  
Delta R.T.: -0.004 min  
Response: 44063  
Conc: 72.57 ng/ml



#12 AR-1232-2

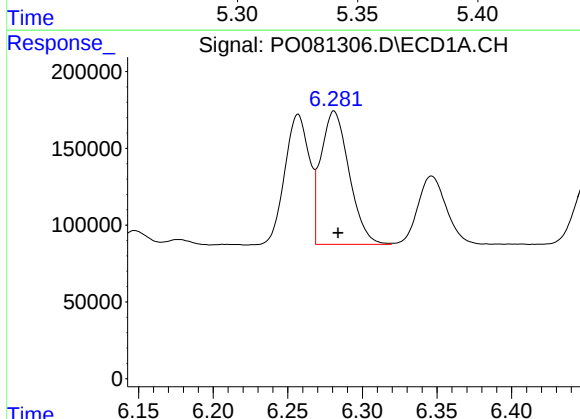
R.T.: 5.959 min  
Delta R.T.: -0.003 min  
Response: 457881  
Conc: 466.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



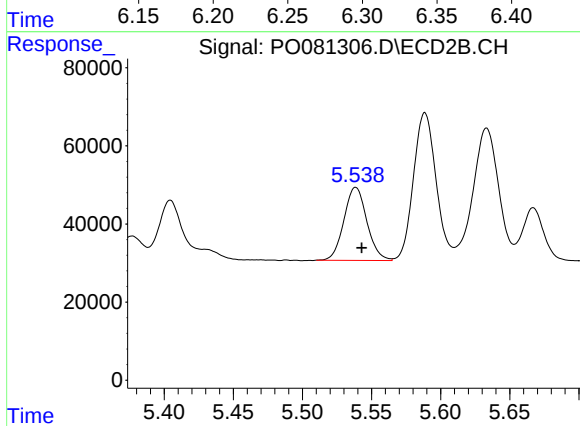
#12 AR-1232-2

R.T.: 5.343 min  
Delta R.T.: -0.006 min  
Response: 345480  
Conc: 563.64 ng/ml



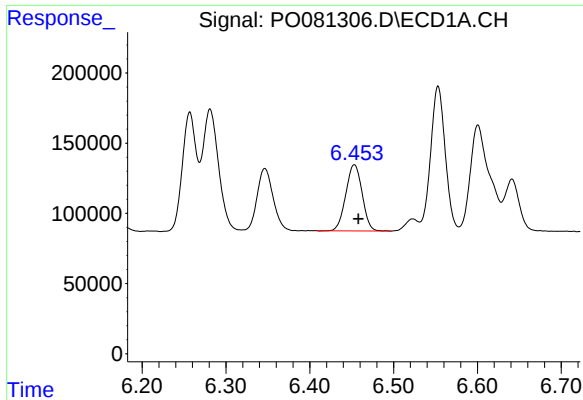
#13 AR-1232-3

R.T.: 6.281 min  
Delta R.T.: -0.003 min  
Response: 1144437  
Conc: 632.29 ng/ml



#13 AR-1232-3

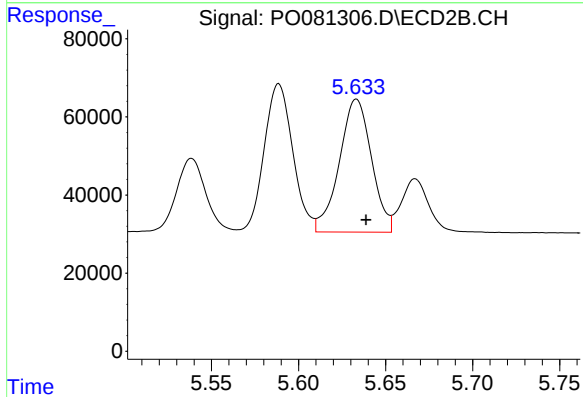
R.T.: 5.539 min  
Delta R.T.: -0.004 min  
Response: 216571  
Conc: 667.18 ng/ml



#14 AR-1232-4

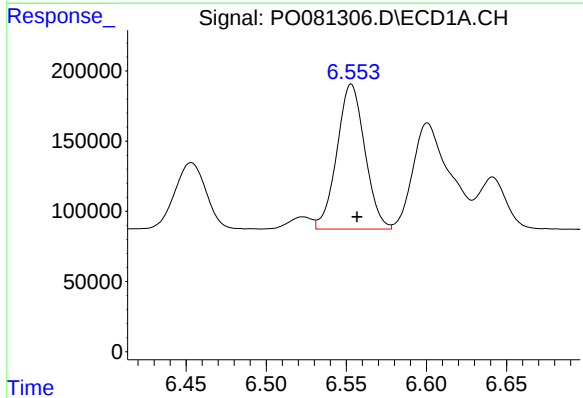
R.T.: 6.453 min  
Delta R.T.: -0.005 min  
Response: 638810  
Conc: 659.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



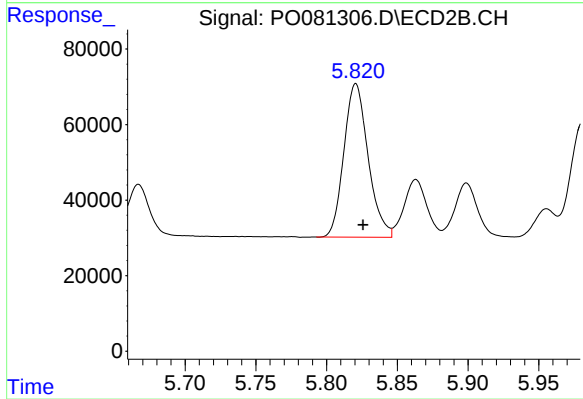
#14 AR-1232-4

R.T.: 5.633 min  
Delta R.T.: -0.006 min  
Response: 438760  
Conc: 1454.85 ng/ml



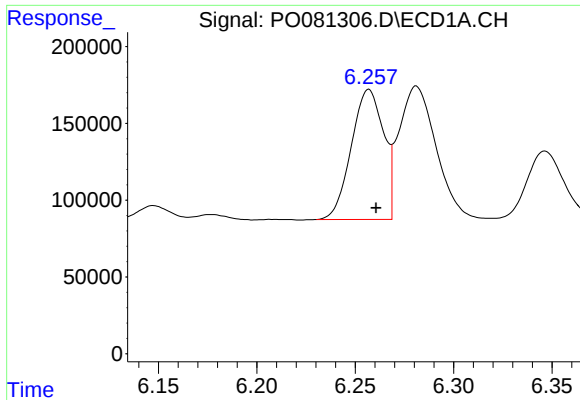
#15 AR-1232-5

R.T.: 6.553 min  
Delta R.T.: -0.004 min  
Response: 1253083  
Conc: 1870.67 ng/ml



#15 AR-1232-5

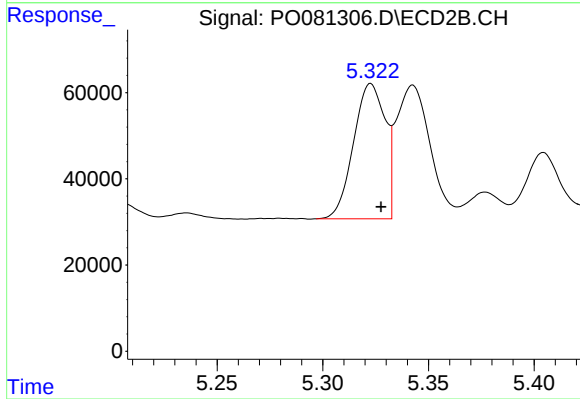
R.T.: 5.821 min  
Delta R.T.: -0.005 min  
Response: 483881  
Conc: 1454.37 ng/ml



#16 AR-1242-1

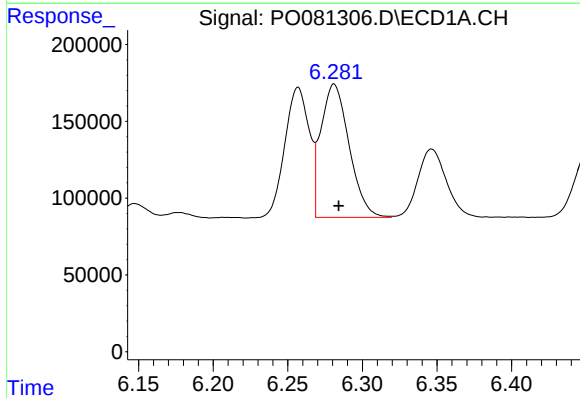
R.T.: 6.257 min  
Delta R.T.: -0.004 min  
Response: 967235  
Conc: 441.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



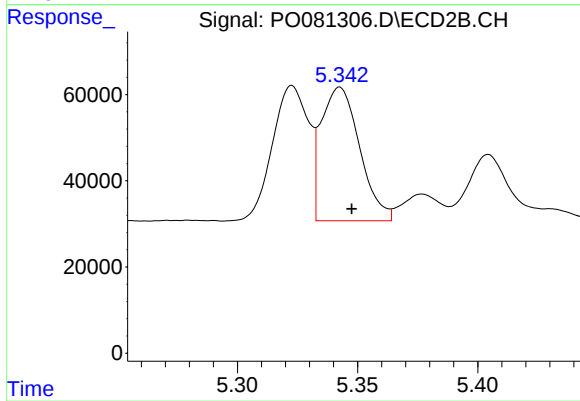
#16 AR-1242-1

R.T.: 5.323 min  
Delta R.T.: -0.005 min  
Response: 327036  
Conc: 439.05 ng/ml



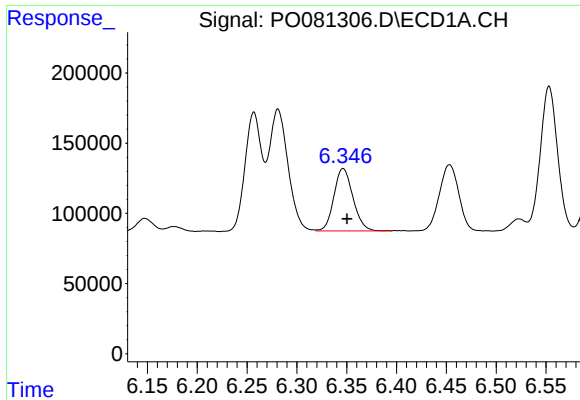
#17 AR-1242-2

R.T.: 6.281 min  
Delta R.T.: -0.003 min  
Response: 1144437  
Conc: 374.14 ng/ml



#17 AR-1242-2

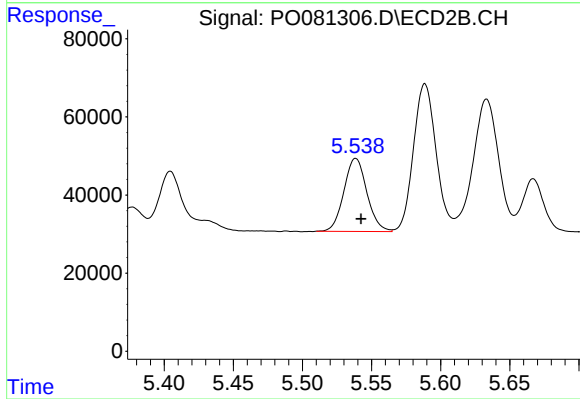
R.T.: 5.343 min  
Delta R.T.: -0.005 min  
Response: 345480  
Conc: 338.69 ng/ml



#18 AR-1242-3

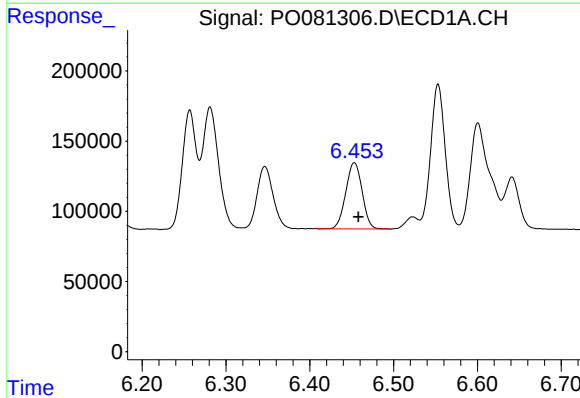
R.T.: 6.346 min  
Delta R.T.: -0.004 min  
Response: 590412  
Conc: 308.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



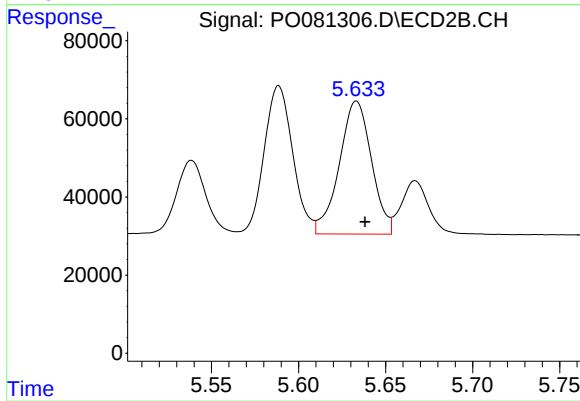
#18 AR-1242-3

R.T.: 5.539 min  
Delta R.T.: -0.004 min  
Response: 216571  
Conc: 390.27 ng/ml



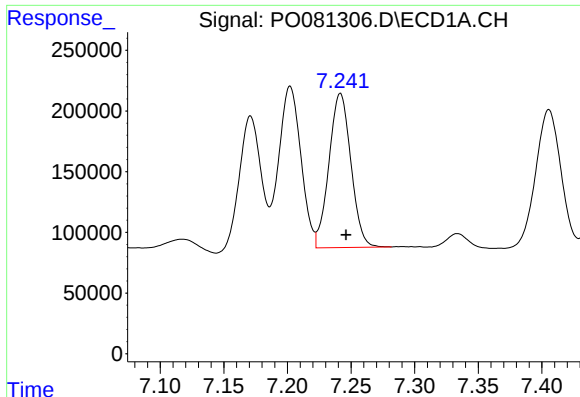
#19 AR-1242-4

R.T.: 6.453 min  
Delta R.T.: -0.005 min  
Response: 638810  
Conc: 414.13 ng/ml



#19 AR-1242-4

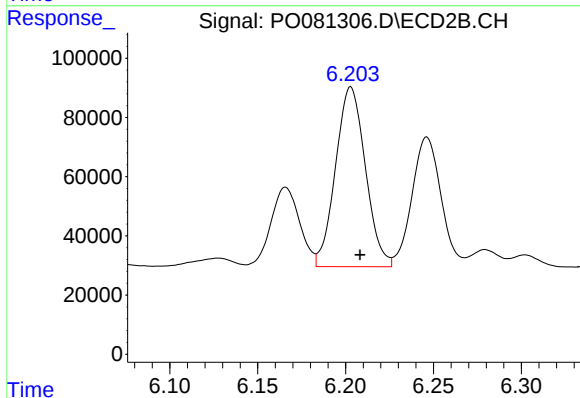
R.T.: 5.633 min  
Delta R.T.: -0.005 min  
Response: 438760  
Conc: 775.53 ng/ml



#20 AR-1242-5

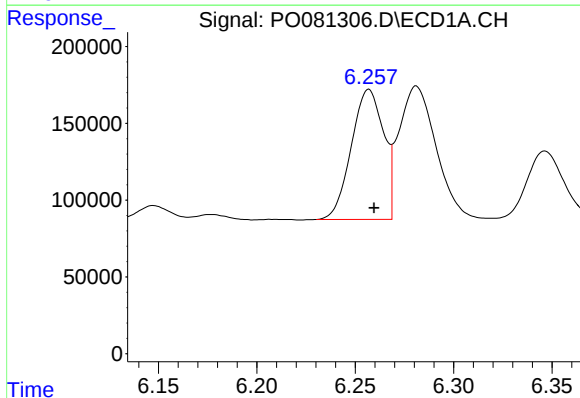
R.T.: 7.242 min  
Delta R.T.: -0.005 min  
Response: 1526873  
Conc: 953.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



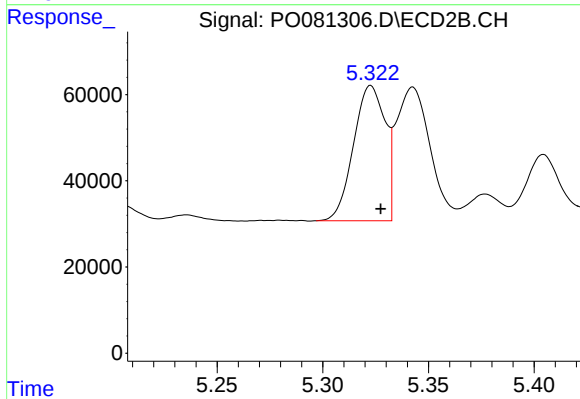
#20 AR-1242-5

R.T.: 6.203 min  
Delta R.T.: -0.005 min  
Response: 718496  
Conc: 992.06 ng/ml



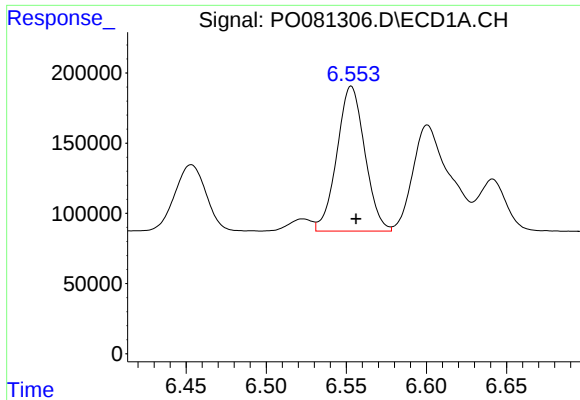
#21 AR-1248-1

R.T.: 6.257 min  
Delta R.T.: -0.003 min  
Response: 967235  
Conc: 560.59 ng/ml



#21 AR-1248-1

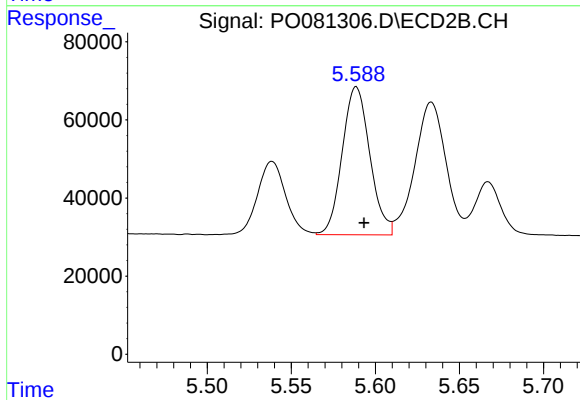
R.T.: 5.323 min  
Delta R.T.: -0.005 min  
Response: 327036  
Conc: 552.39 ng/ml



#22 AR-1248-2

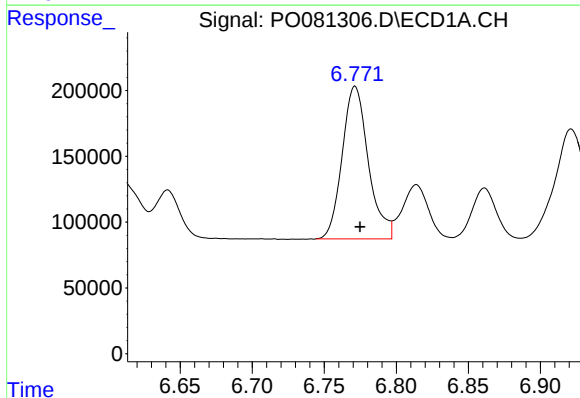
R.T.: 6.553 min  
Delta R.T.: -0.003 min  
Response: 1253083  
Conc: 563.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



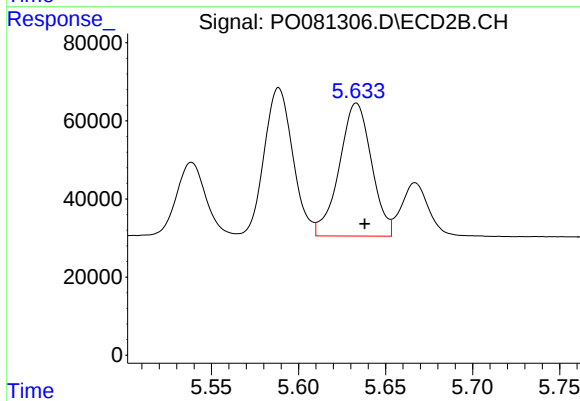
#22 AR-1248-2

R.T.: 5.589 min  
Delta R.T.: -0.005 min  
Response: 433415  
Conc: 521.83 ng/ml



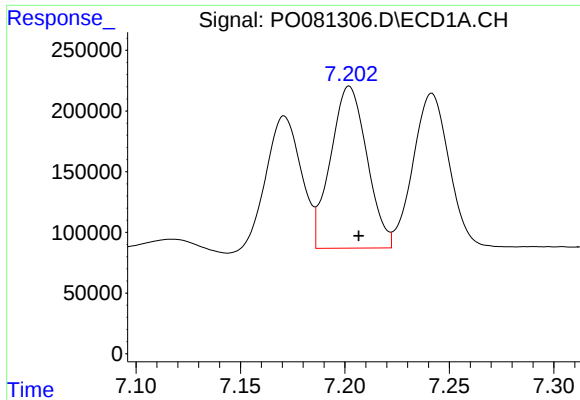
#23 AR-1248-3

R.T.: 6.771 min  
Delta R.T.: -0.003 min  
Response: 1466770  
Conc: 554.24 ng/ml



#23 AR-1248-3

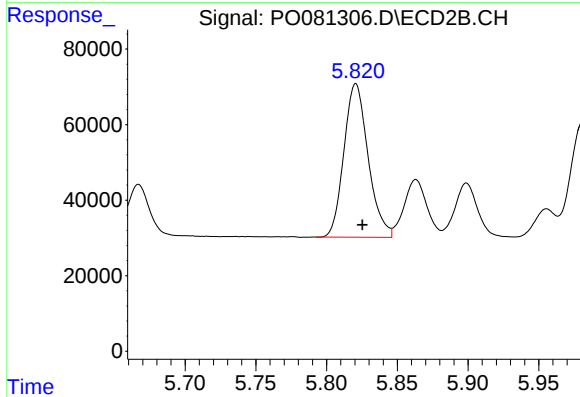
R.T.: 5.633 min  
Delta R.T.: -0.005 min  
Response: 438760  
Conc: 516.96 ng/ml



#24 AR-1248-4

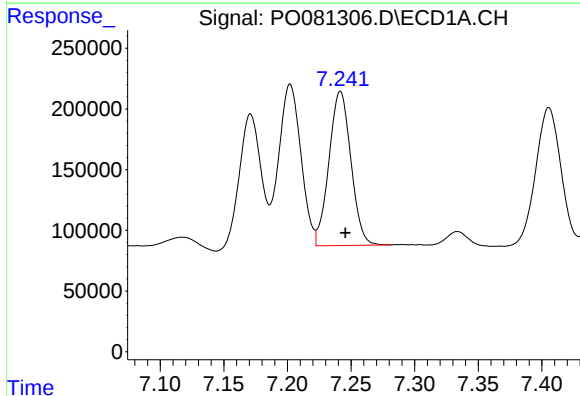
R.T.: 7.202 min  
Delta R.T.: -0.005 min  
Response: 1617146  
Conc: 561.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



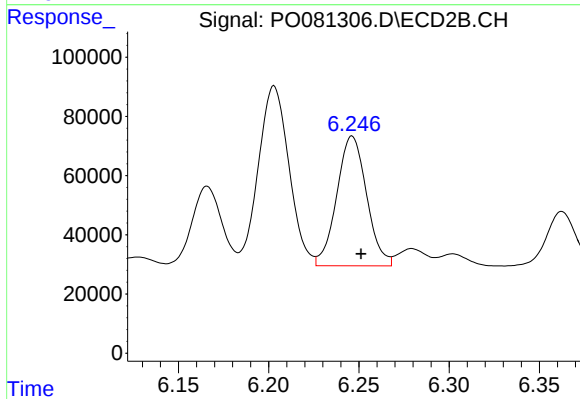
#24 AR-1248-4

R.T.: 5.821 min  
Delta R.T.: -0.005 min  
Response: 483881  
Conc: 489.41 ng/ml



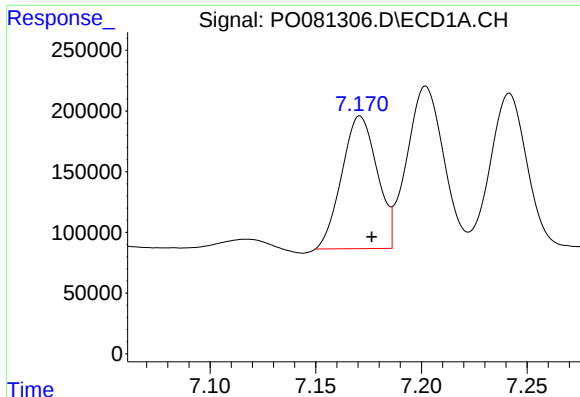
#25 AR-1248-5

R.T.: 7.242 min  
Delta R.T.: -0.004 min  
Response: 1526873  
Conc: 555.20 ng/ml



#25 AR-1248-5

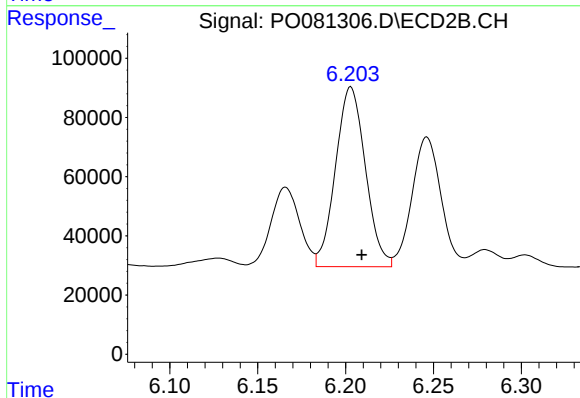
R.T.: 6.246 min  
Delta R.T.: -0.005 min  
Response: 505329  
Conc: 557.38 ng/ml



#26 AR-1254-1

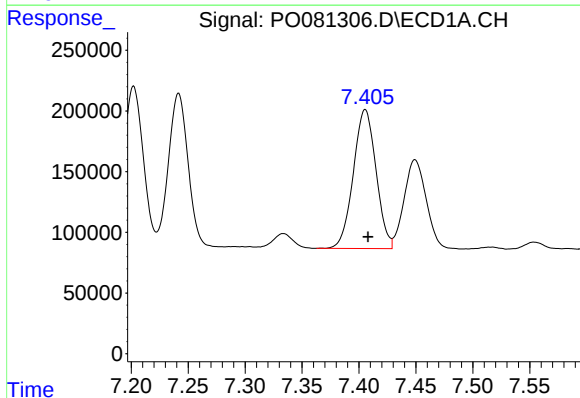
R.T.: 7.171 min  
Delta R.T.: -0.006 min  
Response: 1274640  
Conc: 394.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



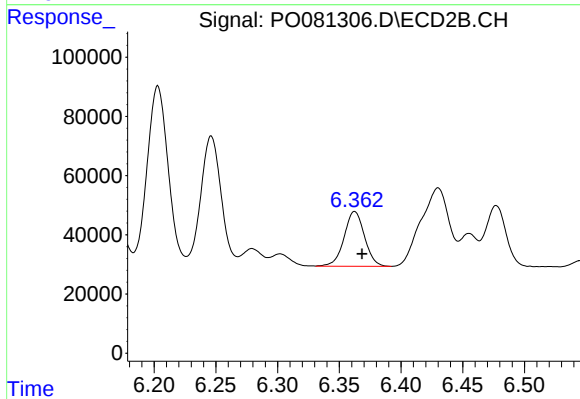
#26 AR-1254-1

R.T.: 6.203 min  
Delta R.T.: -0.006 min  
Response: 718496  
Conc: 454.20 ng/ml



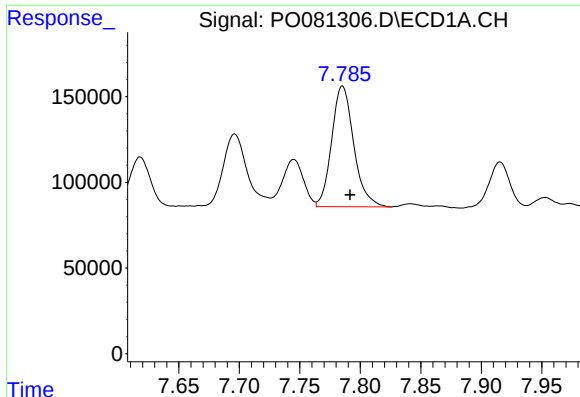
#27 AR-1254-2

R.T.: 7.406 min  
Delta R.T.: -0.002 min  
Response: 1590863  
Conc: 319.65 ng/ml



#27 AR-1254-2

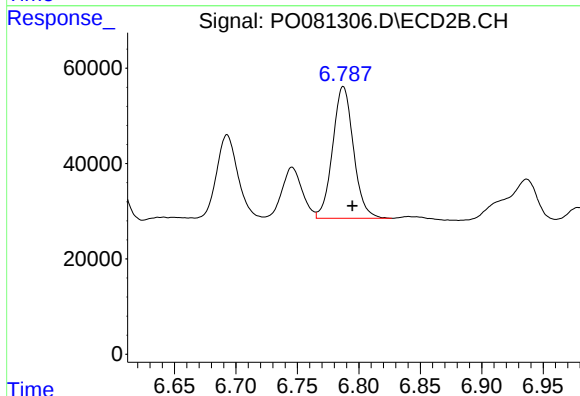
R.T.: 6.362 min  
Delta R.T.: -0.006 min  
Response: 212837  
Conc: 147.21 ng/ml



#28 AR-1254-3

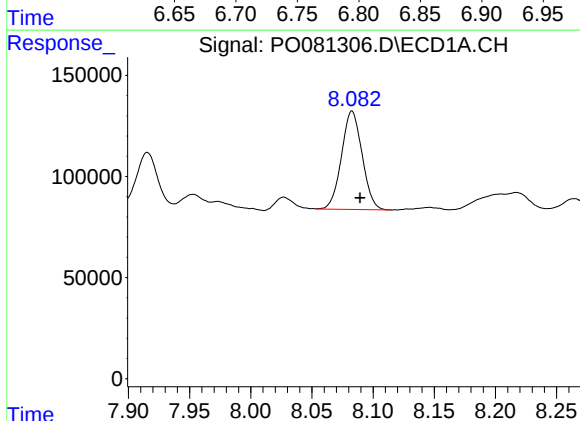
R.T.: 7.785 min  
Delta R.T.: -0.006 min  
Response: 895049  
Conc: 177.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



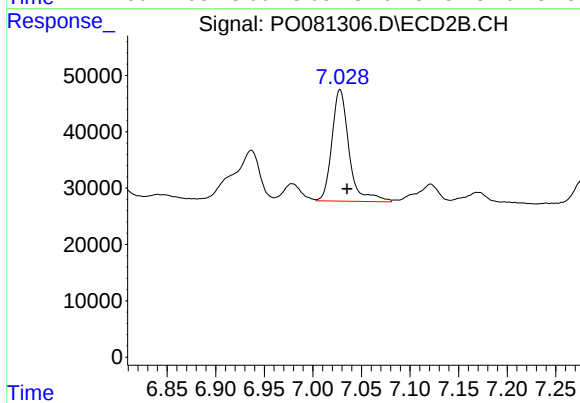
#28 AR-1254-3

R.T.: 6.787 min  
Delta R.T.: -0.007 min  
Response: 326361  
Conc: 145.87 ng/ml



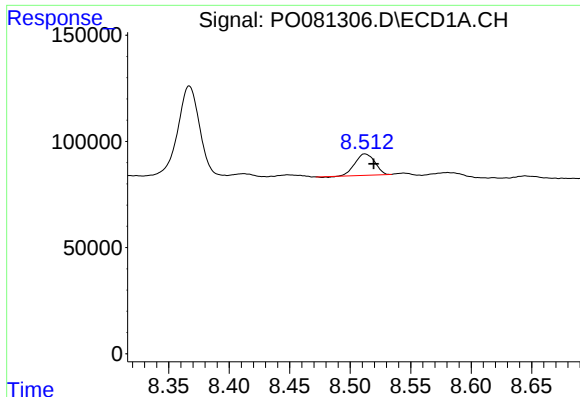
#29 AR-1254-4

R.T.: 8.083 min  
Delta R.T.: -0.006 min  
Response: 570795  
Conc: 152.74 ng/ml



#29 AR-1254-4

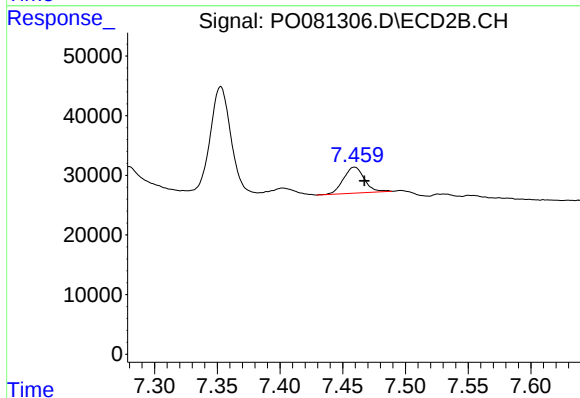
R.T.: 7.028 min  
Delta R.T.: -0.007 min  
Response: 243443  
Conc: 171.97 ng/ml



#30 AR-1254-5

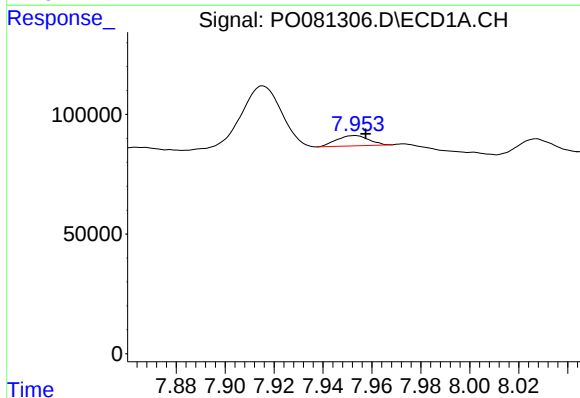
R.T.: 8.512 min  
Delta R.T.: -0.007 min  
Response: 114078  
Conc: 27.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



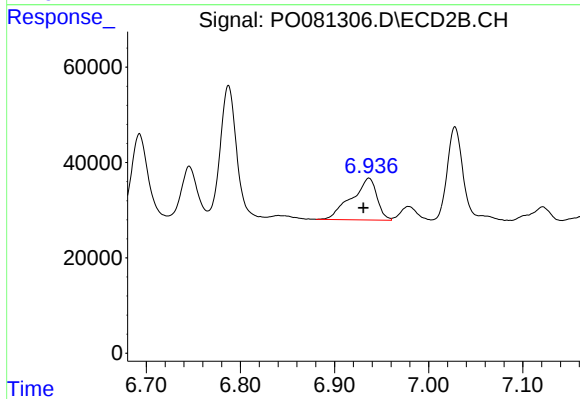
#30 AR-1254-5

R.T.: 7.459 min  
Delta R.T.: -0.008 min  
Response: 50864  
Conc: 24.11 ng/ml



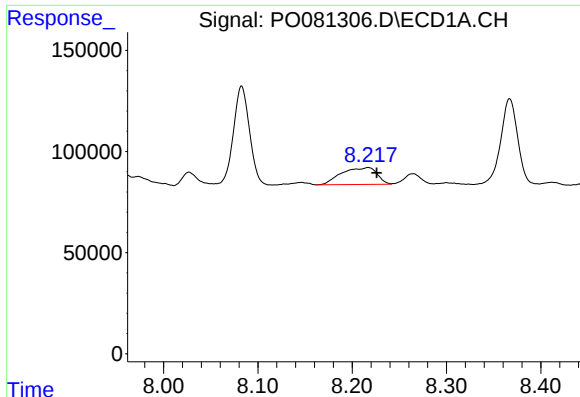
#31 AR-1260-1

R.T.: 7.953 min  
Delta R.T.: -0.005 min  
Response: 39263  
Conc: 11.30 ng/ml



#31 AR-1260-1

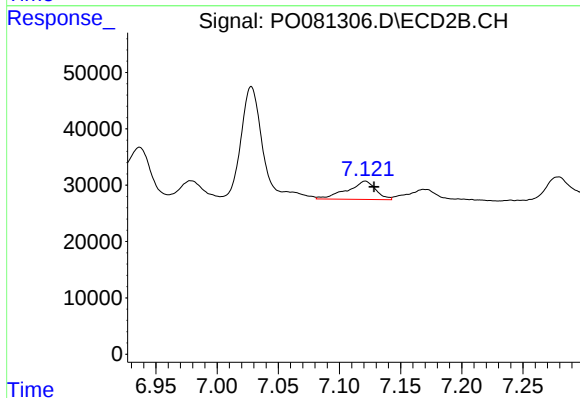
R.T.: 6.937 min  
Delta R.T.: 0.006 min  
Response: 164932  
Conc: 112.38 ng/ml



#32 AR-1260-2

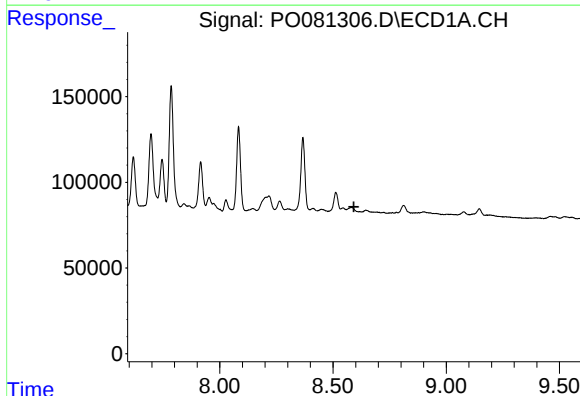
R.T.: 8.217 min  
Delta R.T.: -0.009 min  
Response: 217520  
Conc: 48.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



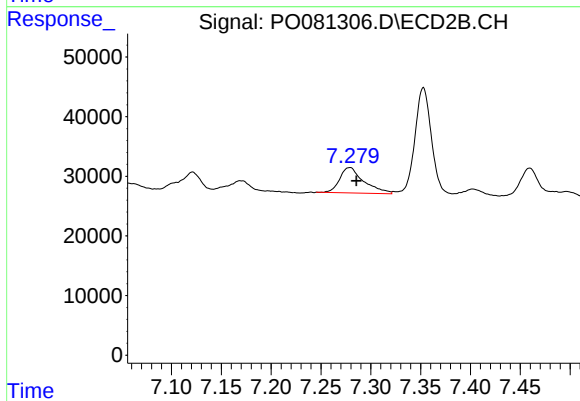
#32 AR-1260-2

R.T.: 7.121 min  
Delta R.T.: -0.007 min  
Response: 52832  
Conc: 30.10 ng/ml



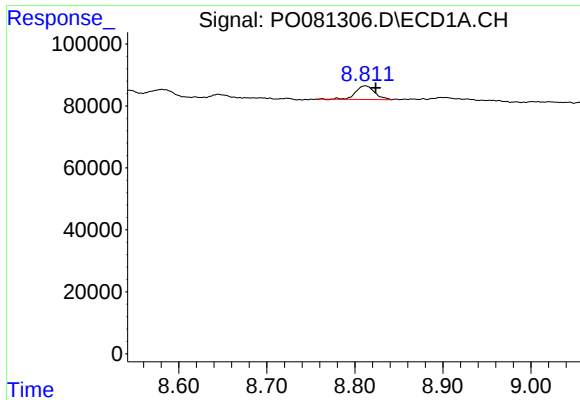
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.592 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

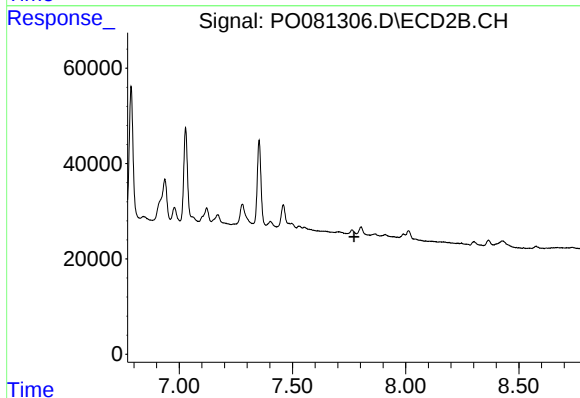
R.T.: 7.279 min  
Delta R.T.: -0.006 min  
Response: 71850  
Conc: 39.25 ng/ml



#34 AR-1260-4

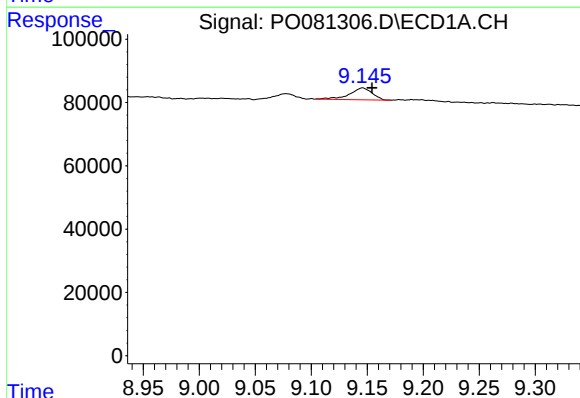
R.T.: 8.812 min  
Delta R.T.: -0.012 min  
Response: 66308  
Conc: 20.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



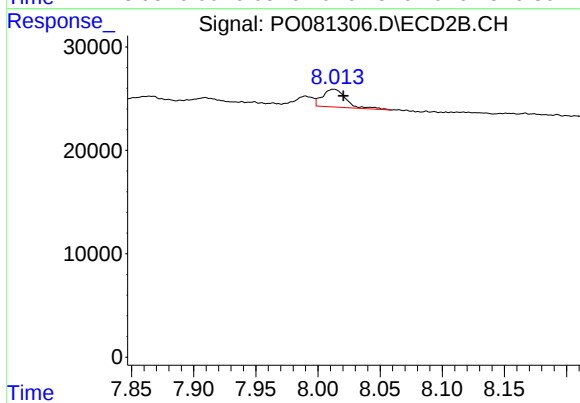
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.772 min  
Response: 0  
Conc: N.D.



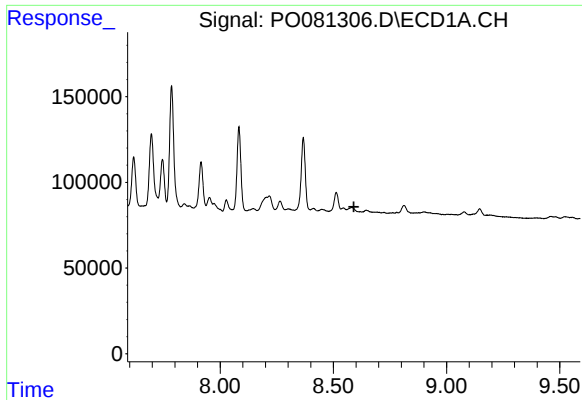
#35 AR-1260-5

R.T.: 9.146 min  
Delta R.T.: -0.008 min  
Response: 53224  
Conc: 8.89 ng/ml



#35 AR-1260-5

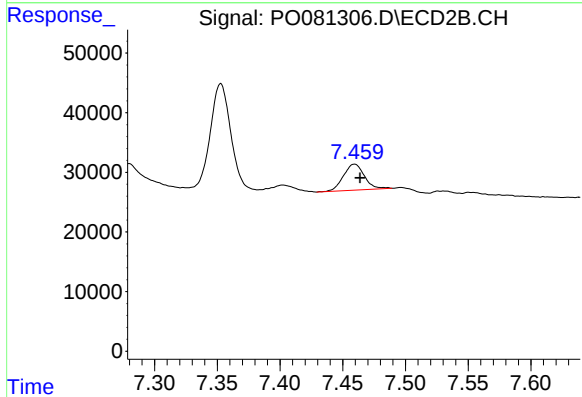
R.T.: 8.013 min  
Delta R.T.: -0.008 min  
Response: 22780  
Conc: 8.05 ng/ml



#36 AR-1262-1

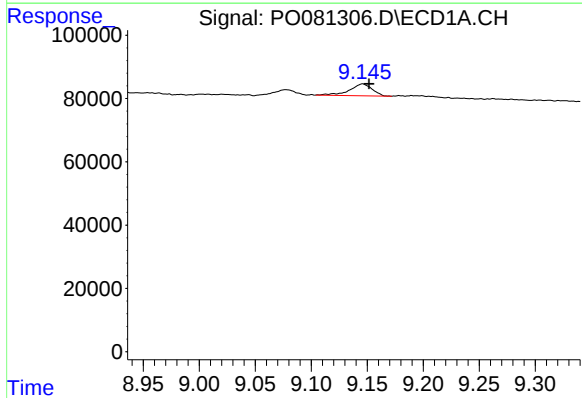
R.T.: 0.000 min  
Exp R.T.: 8.591 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



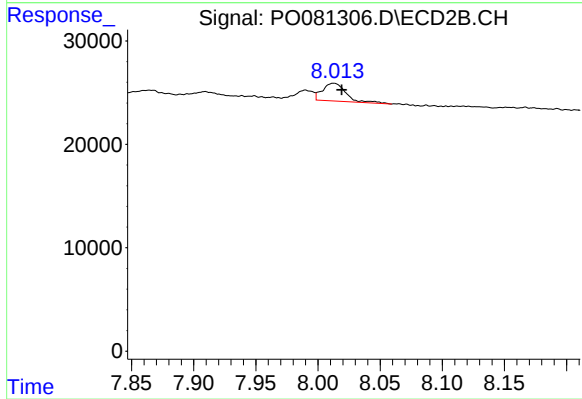
#36 AR-1262-1

R.T.: 7.459 min  
Delta R.T.: -0.004 min  
Response: 50864  
Conc: 47.89 ng/ml



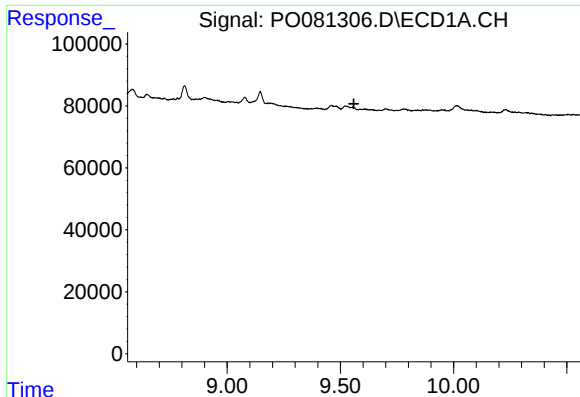
#37 AR-1262-2

R.T.: 9.146 min  
Delta R.T.: -0.006 min  
Response: 53224  
Conc: 6.95 ng/ml



#37 AR-1262-2

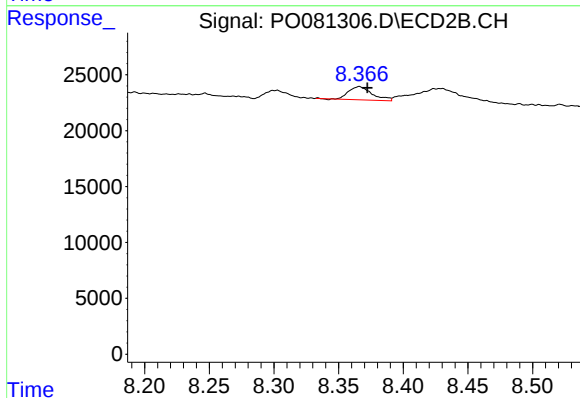
R.T.: 8.013 min  
Delta R.T.: -0.006 min  
Response: 22780  
Conc: 6.92 ng/ml



#39 AR-1262-4

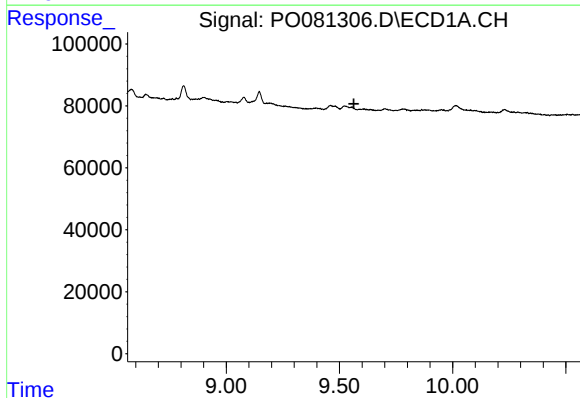
R.T.: 0.000 min  
Exp R.T.: 9.560 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



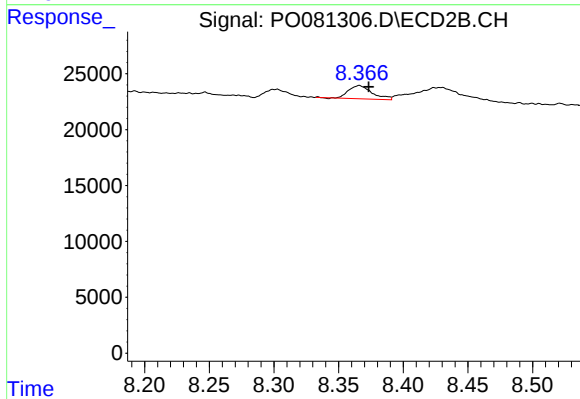
#39 AR-1262-4

R.T.: 8.366 min  
Delta R.T.: -0.006 min  
Response: 14855  
Conc: 6.26 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.564 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.366 min  
Delta R.T.: -0.007 min  
Response: 14855  
Conc: 4.38 ng/ml