

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0031821\  
 Data File : P0076317.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 Mar 2021 22:08  
 Operator : DD\AJ  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1248CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 19 02:46:40 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0031521.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 16 07:18:57 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... | 4.923  | 3.935 | 2874406 | 2053629 | 50.597   | 49.223     |
| 2)                          | SA Decachlor... | 10.926 | 9.202 | 2154932 | 1963828 | 56.025   | 51.145     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.247  | 5.184 | 497939  | 367271  | 302.199  | 313.813    |
| 4)                          | L1 AR-1016-2    | 6.272  | 5.203 | 649191  | 457701  | 254.065  | 207.764    |
| 5)                          | L1 AR-1016-3    | 6.337  | 5.394 | 333152  | 286792  | 211.561  | 278.922 #  |
| 6)                          | L1 AR-1016-4    | 6.442  | 5.443 | 349877  | 631587  | 282.857  | 643.914 #  |
| 7)                          | L1 AR-1016-5    | 6.758  | 5.671 | 882263  | 727875  | 687.336  | 639.559    |
| 9)                          | L2 AR-1221-2    | 5.276  | 4.285 | 36937   | 30152   | 90.179   | 92.329     |
| 10)                         | L2 AR-1221-3    | 5.361  | 4.379 | 42402   | 31247   | 31.588   | 29.639     |
| 11)                         | L3 AR-1232-1    | 5.361  | 4.379 | 42402   | 31247   | 39.304   | 36.559     |
| 12)                         | L3 AR-1232-2    | 5.949  | 5.203 | 235564  | 457701  | 400.074  | 484.941    |
| 13)                         | L3 AR-1232-3    | 6.272  | 5.394 | 649191  | 286792  | 623.167  | 690.499    |
| 14)                         | L3 AR-1232-4    | 6.442  | 5.488 | 349877  | 631760  | 716.552  | 1508.865 # |
| 15)                         | L3 AR-1232-5    | 6.541  | 5.671 | 752971  | 727875  | 2021.632 | 1653.234   |
| 16)                         | L4 AR-1242-1    | 6.247  | 5.184 | 497939  | 367271  | 394.291  | 413.962    |
| 17)                         | L4 AR-1242-2    | 6.272  | 5.203 | 649191  | 457701  | 327.556  | 264.439    |
| 18)                         | L4 AR-1242-3    | 6.337  | 5.394 | 333152  | 286792  | 262.912  | 356.047 #  |
| 19)                         | L4 AR-1242-4    | 6.442  | 5.488 | 349877  | 631760  | 361.330  | 727.806 #  |
| 20)                         | L4 AR-1242-5    | 7.229  | 6.050 | 966521  | 1011453 | 962.019  | 1003.634   |
| 21)                         | L5 AR-1248-1    | 6.247  | 5.184 | 497939  | 367271  | 528.162  | 534.768    |
| 22)                         | L5 AR-1248-2    | 6.541  | 5.443 | 752971  | 631587  | 499.851  | 488.143    |
| 23)                         | L5 AR-1248-3    | 6.758  | 5.488 | 882263  | 631760  | 508.680  | 494.256    |
| 24)                         | L5 AR-1248-4    | 7.189  | 5.671 | 928591  | 727875  | 527.808  | 494.998    |
| 25)                         | L5 AR-1248-5    | 7.229  | 6.094 | 966521  | 847735  | 546.478  | 548.140    |
| 26)                         | L6 AR-1254-1    | 7.159  | 6.050 | 726585  | 1011453 | 354.535  | 442.550    |
| 27)                         | L6 AR-1254-2    | 7.392  | 6.208 | 938437  | 344933  | 301.986  | 174.161 #  |
| 28)                         | L6 AR-1254-3    | 7.770  | 6.627 | 495601  | 486504  | 155.779  | 161.520    |
| 29)                         | L6 AR-1254-4    | 8.068  | 6.868 | 311766  | 314007  | 148.804  | 177.939    |
| 30)                         | L6 AR-1254-5    | 8.496  | 7.293 | 77432   | 92898   | 33.715   | 35.483     |
| 31)                         | L7 AR-1260-1    | 7.937  | 6.773 | 62545   | 221700  | 26.901   | 107.920 #  |
| 32)                         | L7 AR-1260-2    | 8.200  | 6.960 | 72556   | 33647   | 28.416   | 13.874 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.111 | 0       | 58774   | N.D.     | 25.987 #   |
| 34)                         | L7 AR-1260-4    | 8.794  | 0.000 | 34581   | 0       | 15.307   | N.D. #     |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.293 | 0       | 92898   | N.D.     | 63.611 #   |
| -----                       |                 |        |       |         |         |          |            |

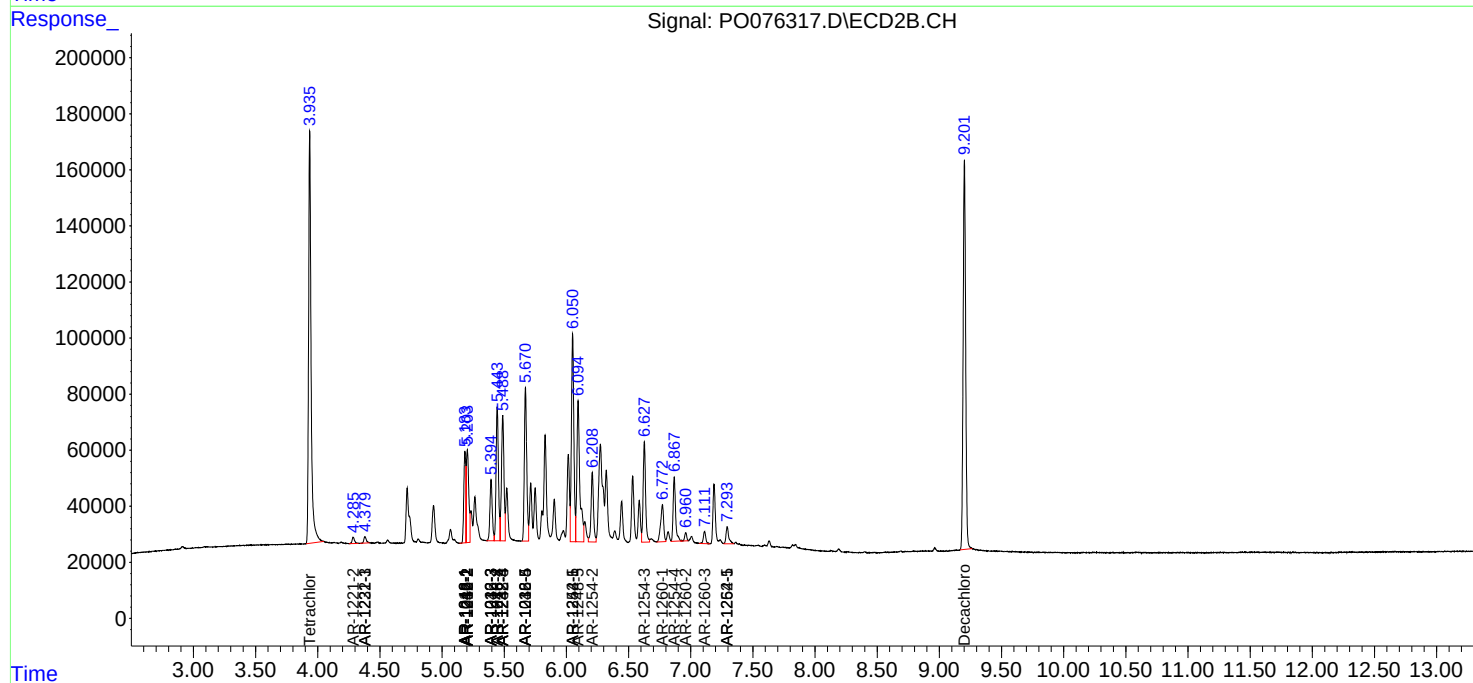
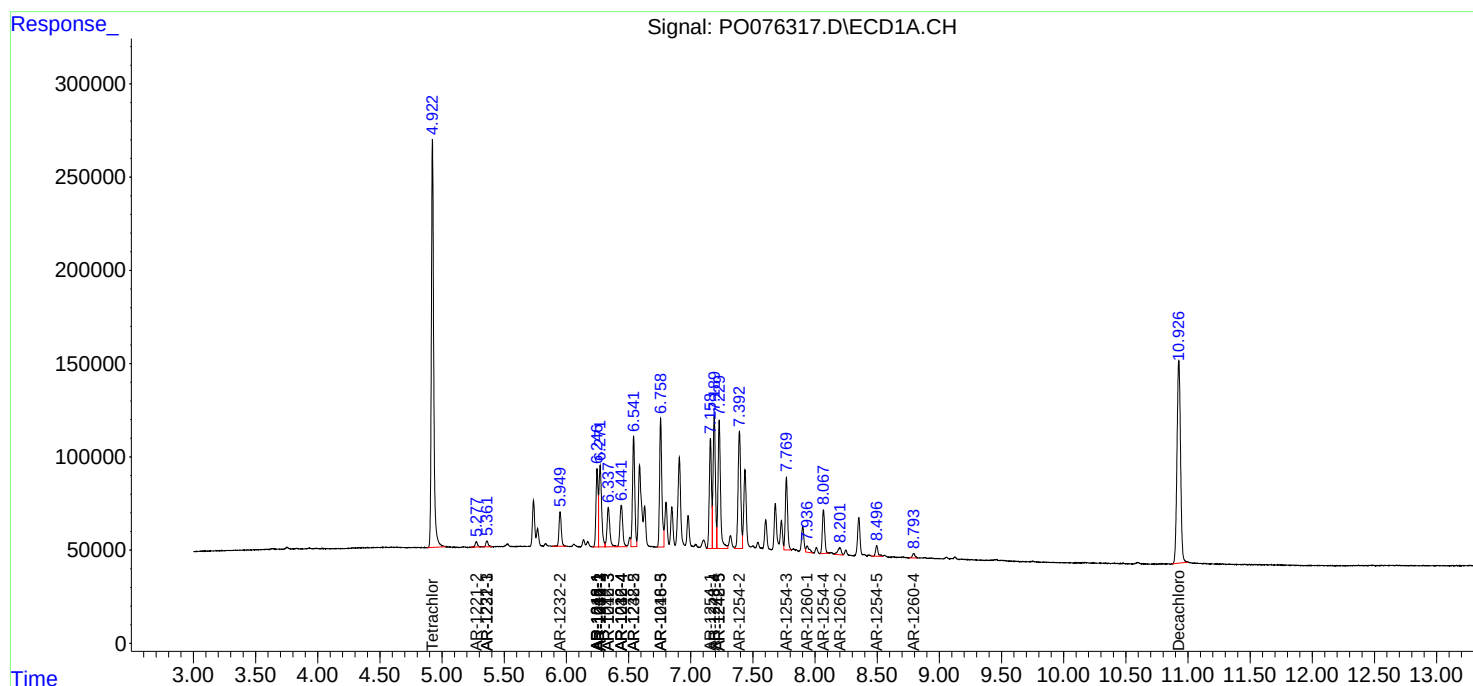
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

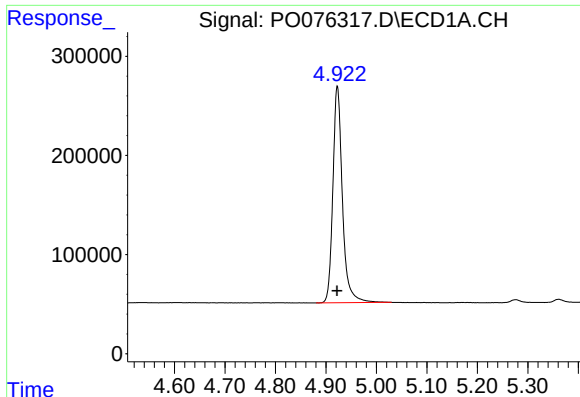
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0031821\  
Data File : P0076317.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 18 Mar 2021 22:08  
Operator : DD\AJ  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
AR1248CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 19 02:46:40 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0031521.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 16 07:18:57 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

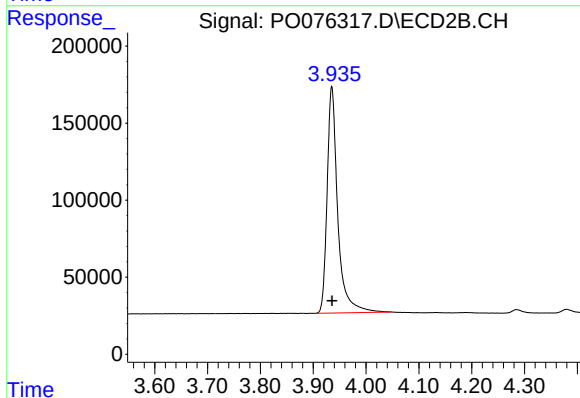




#1 Tetrachloro-m-xylene

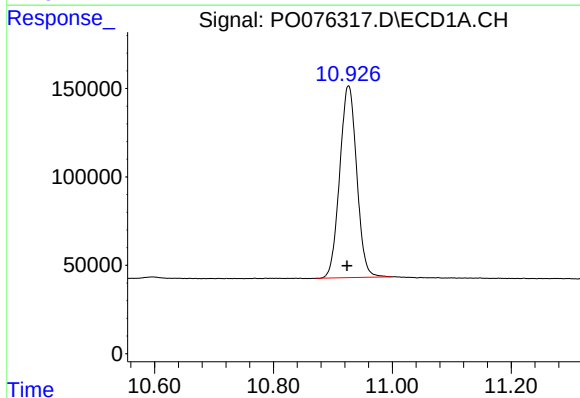
R.T.: 4.923 min  
Delta R.T.: 0.000 min  
Response: 2874406  
Conc: 50.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



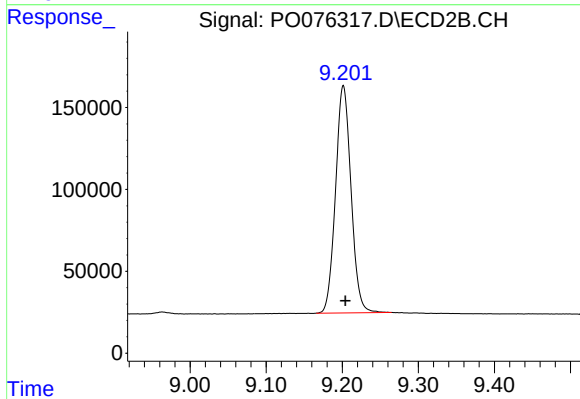
#1 Tetrachloro-m-xylene

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 2053629  
Conc: 49.22 ng/ml



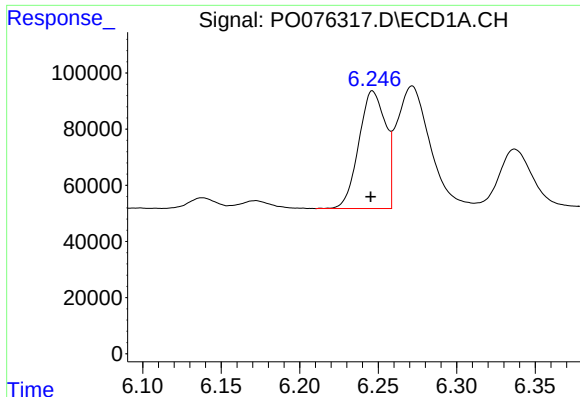
#2 Decachlorobiphenyl

R.T.: 10.926 min  
Delta R.T.: 0.003 min  
Response: 2154932  
Conc: 56.03 ng/ml



#2 Decachlorobiphenyl

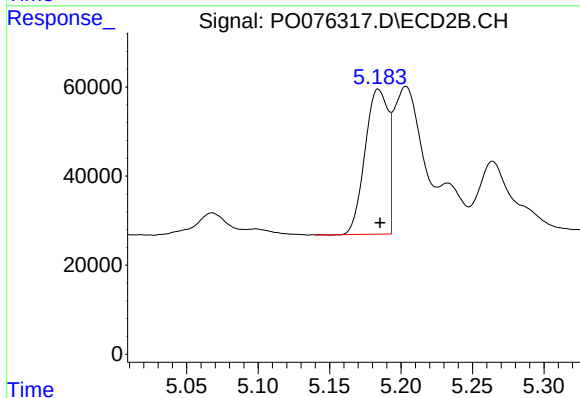
R.T.: 9.202 min  
Delta R.T.: -0.003 min  
Response: 1963828  
Conc: 51.14 ng/ml



#3 AR-1016-1

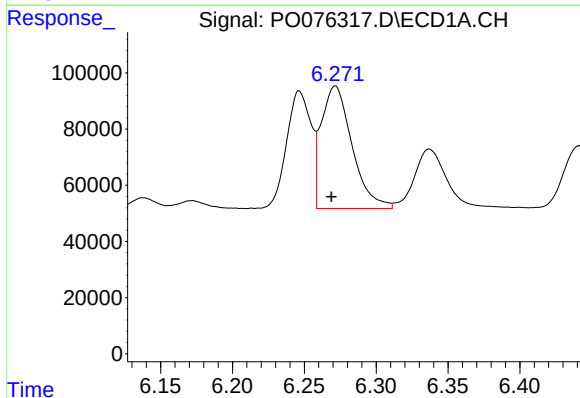
R.T.: 6.247 min  
Delta R.T.: 0.001 min  
Response: 497939  
Conc: 302.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



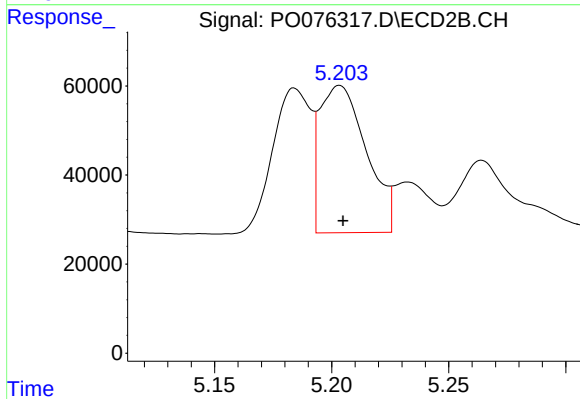
#3 AR-1016-1

R.T.: 5.184 min  
Delta R.T.: -0.001 min  
Response: 367271  
Conc: 313.81 ng/ml



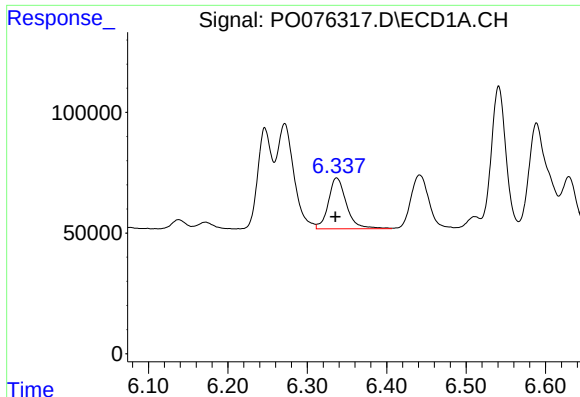
#4 AR-1016-2

R.T.: 6.272 min  
Delta R.T.: 0.003 min  
Response: 649191  
Conc: 254.06 ng/ml



#4 AR-1016-2

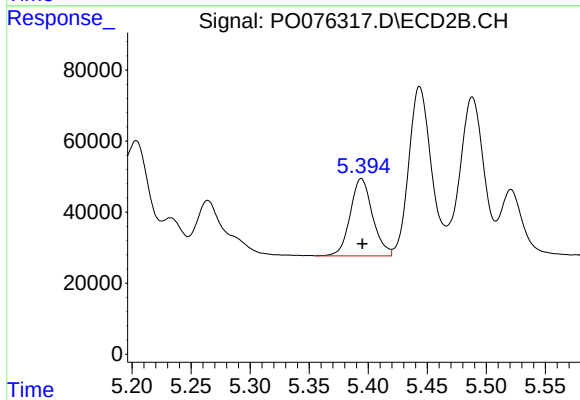
R.T.: 5.203 min  
Delta R.T.: -0.001 min  
Response: 457701  
Conc: 207.76 ng/ml



#5 AR-1016-3

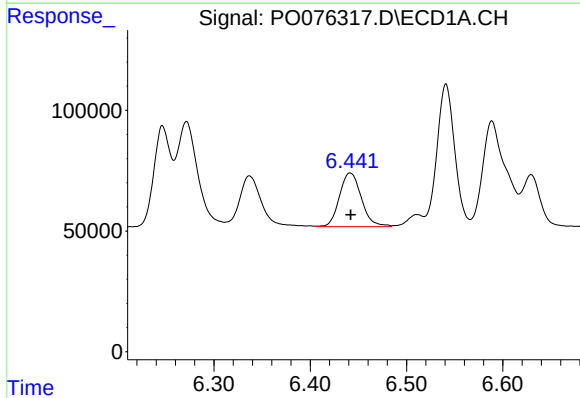
R.T.: 6.337 min  
Delta R.T.: 0.002 min  
Response: 333152  
Conc: 211.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



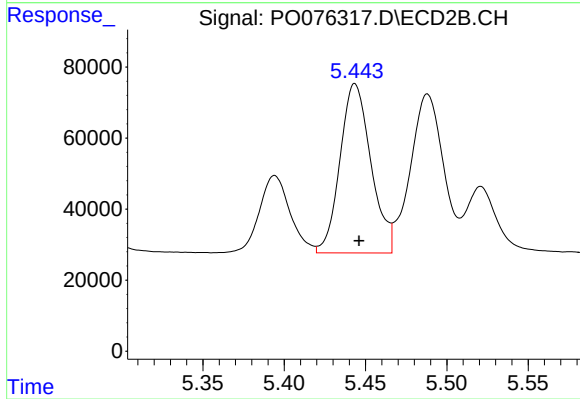
#5 AR-1016-3

R.T.: 5.394 min  
Delta R.T.: 0.000 min  
Response: 286792  
Conc: 278.92 ng/ml



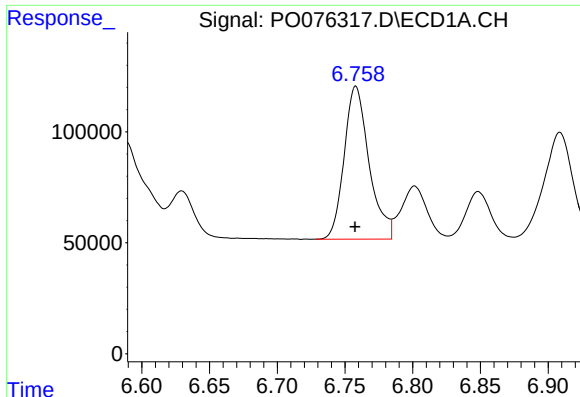
#6 AR-1016-4

R.T.: 6.442 min  
Delta R.T.: 0.000 min  
Response: 349877  
Conc: 282.86 ng/ml



#6 AR-1016-4

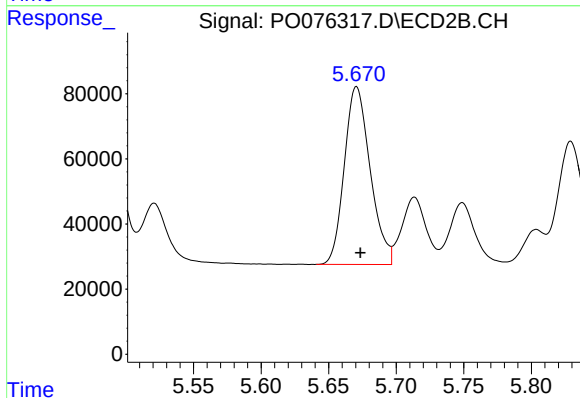
R.T.: 5.443 min  
Delta R.T.: -0.002 min  
Response: 631587  
Conc: 643.91 ng/ml



#7 AR-1016-5

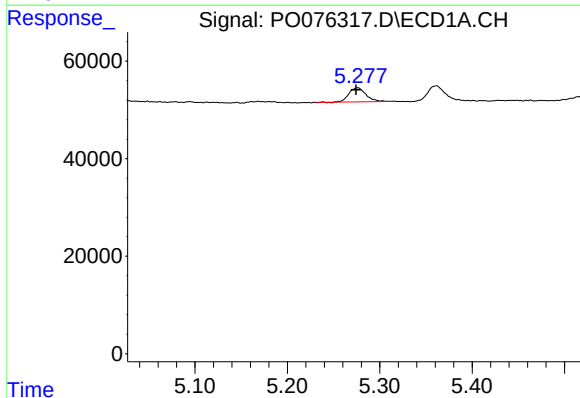
R.T.: 6.758 min  
Delta R.T.: 0.000 min  
Response: 882263  
Conc: 687.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



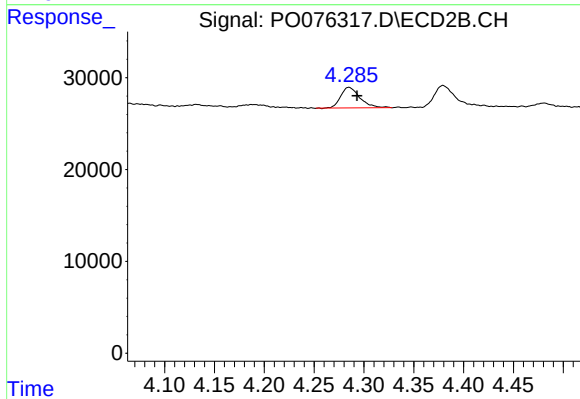
#7 AR-1016-5

R.T.: 5.671 min  
Delta R.T.: -0.003 min  
Response: 727875  
Conc: 639.56 ng/ml



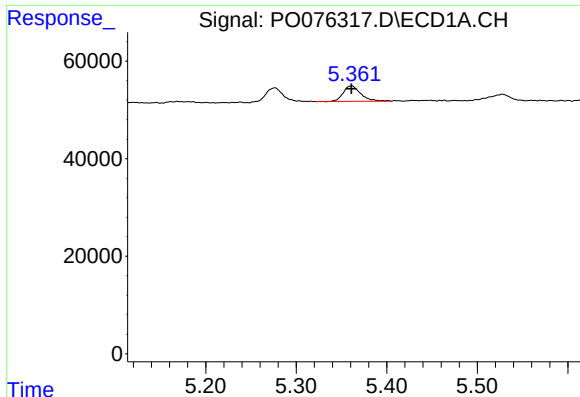
#9 AR-1221-2

R.T.: 5.276 min  
Delta R.T.: 0.002 min  
Response: 36937  
Conc: 90.18 ng/ml



#9 AR-1221-2

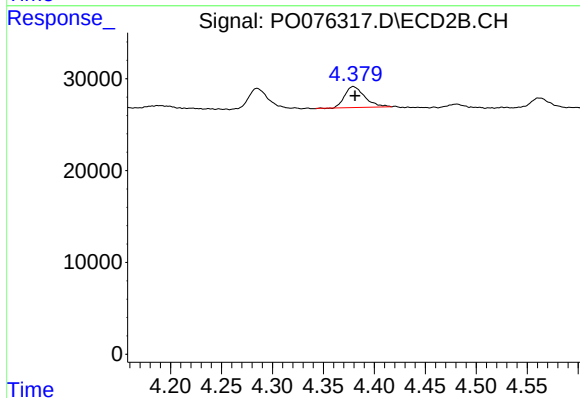
R.T.: 4.285 min  
Delta R.T.: -0.008 min  
Response: 30152  
Conc: 92.33 ng/ml



#10 AR-1221-3

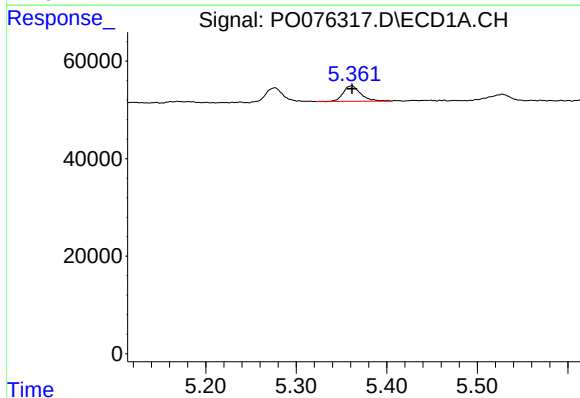
R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 42402  
Conc: 31.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



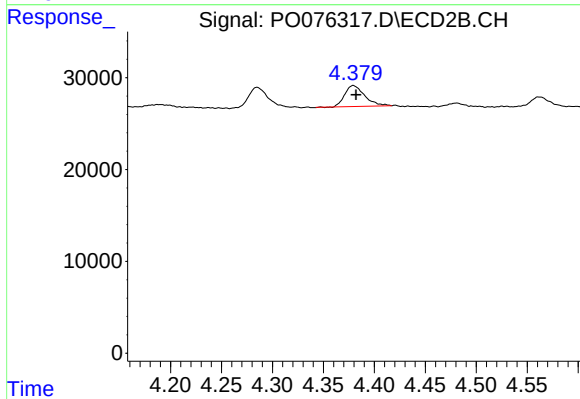
#10 AR-1221-3

R.T.: 4.379 min  
Delta R.T.: -0.002 min  
Response: 31247  
Conc: 29.64 ng/ml



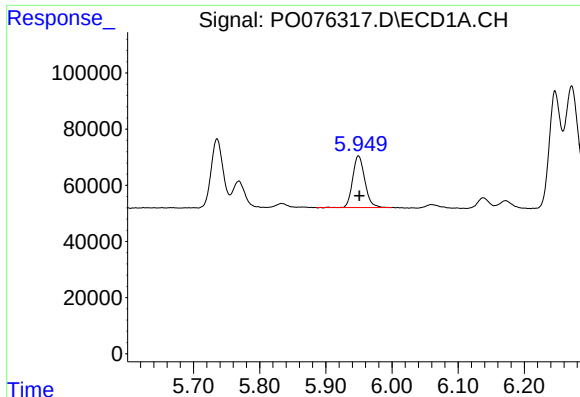
#11 AR-1232-1

R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 42402  
Conc: 39.30 ng/ml



#11 AR-1232-1

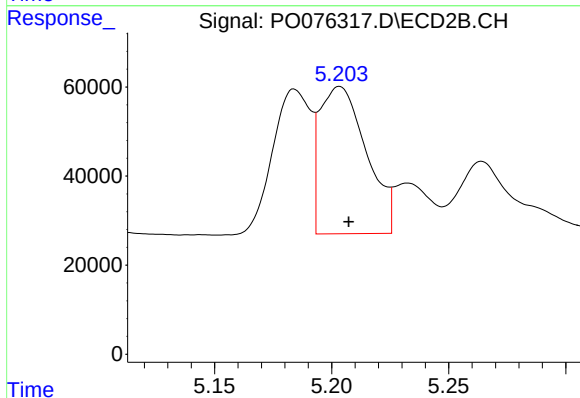
R.T.: 4.379 min  
Delta R.T.: -0.003 min  
Response: 31247  
Conc: 36.56 ng/ml



#12 AR-1232-2

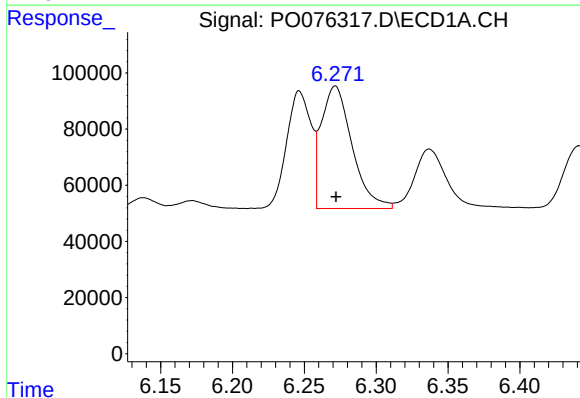
R.T.: 5.949 min  
Delta R.T.: -0.001 min  
Response: 235564  
Conc: 400.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



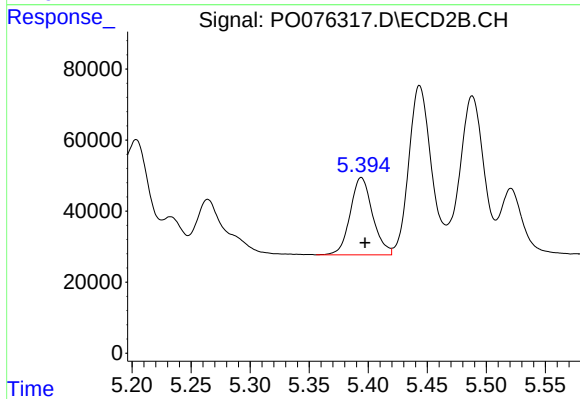
#12 AR-1232-2

R.T.: 5.203 min  
Delta R.T.: -0.004 min  
Response: 457701  
Conc: 484.94 ng/ml



#13 AR-1232-3

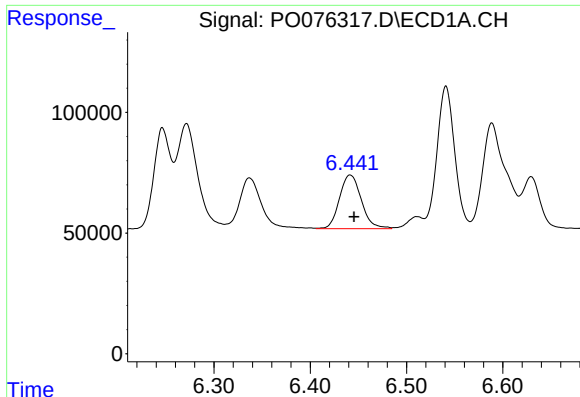
R.T.: 6.272 min  
Delta R.T.: 0.000 min  
Response: 649191  
Conc: 623.17 ng/ml



#13 AR-1232-3

R.T.: 5.394 min  
Delta R.T.: -0.003 min  
Response: 286792  
Conc: 690.50 ng/ml

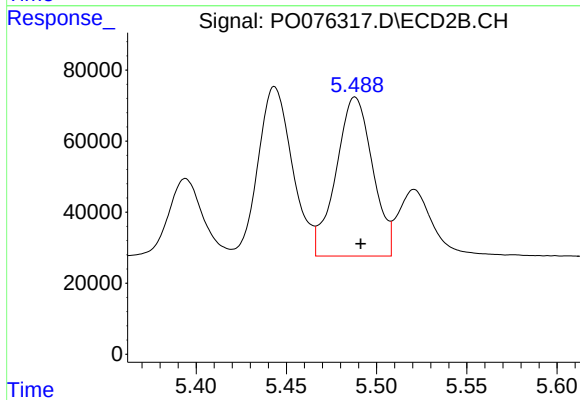




#14 AR-1232-4

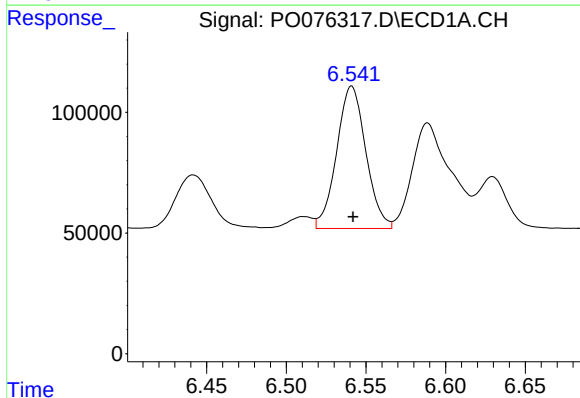
R.T.: 6.442 min  
Delta R.T.: -0.004 min  
Response: 349877  
Conc: 716.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



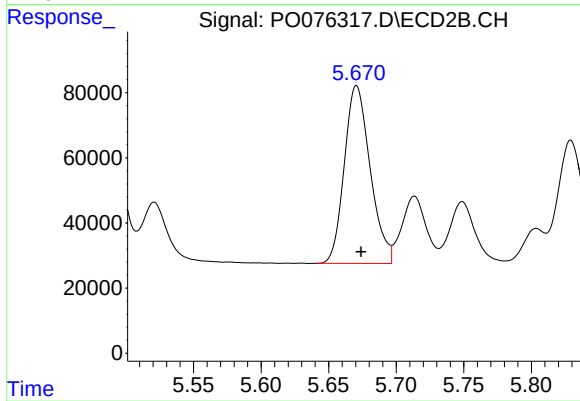
#14 AR-1232-4

R.T.: 5.488 min  
Delta R.T.: -0.003 min  
Response: 631760  
Conc: 1508.87 ng/ml



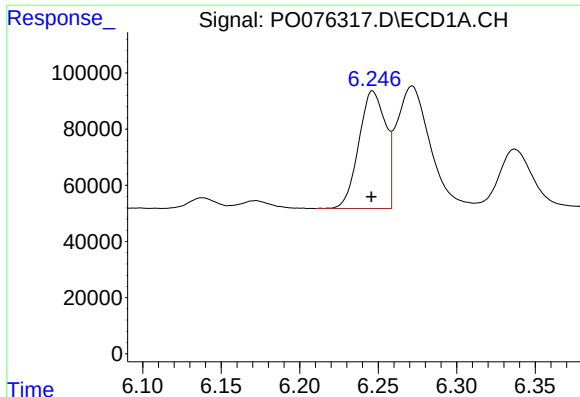
#15 AR-1232-5

R.T.: 6.541 min  
Delta R.T.: 0.000 min  
Response: 752971  
Conc: 2021.63 ng/ml



#15 AR-1232-5

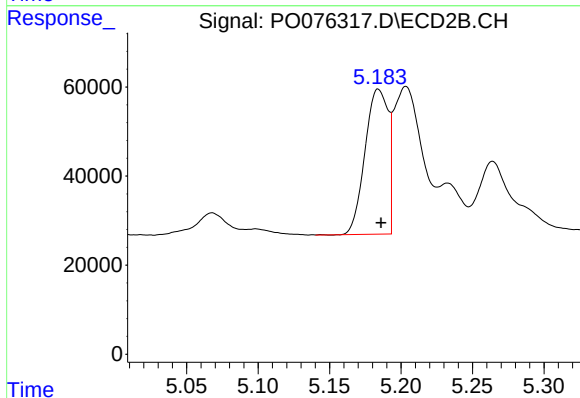
R.T.: 5.671 min  
Delta R.T.: -0.003 min  
Response: 727875  
Conc: 1653.23 ng/ml



#16 AR-1242-1

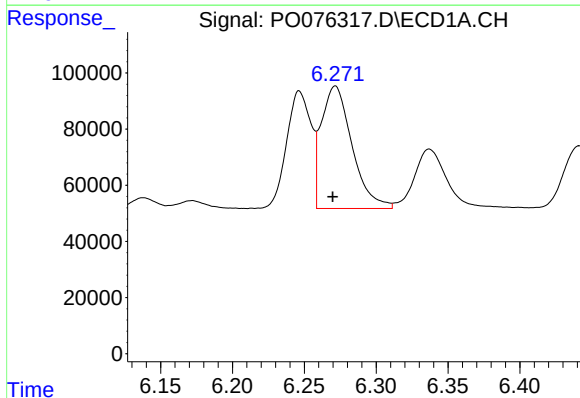
R.T.: 6.247 min  
Delta R.T.: 0.000 min  
Response: 497939  
Conc: 394.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



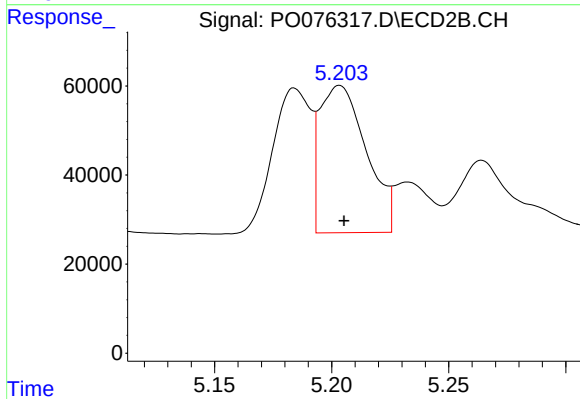
#16 AR-1242-1

R.T.: 5.184 min  
Delta R.T.: -0.002 min  
Response: 367271  
Conc: 413.96 ng/ml



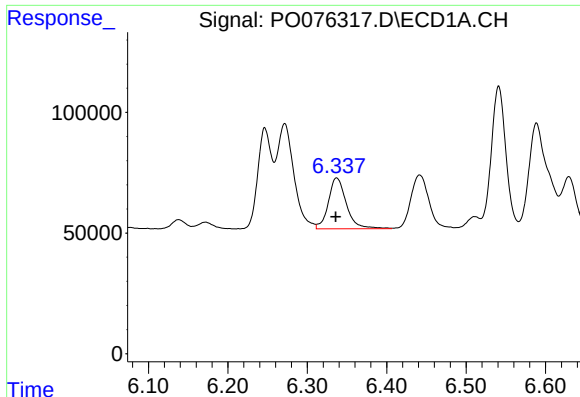
#17 AR-1242-2

R.T.: 6.272 min  
Delta R.T.: 0.002 min  
Response: 649191  
Conc: 327.56 ng/ml



#17 AR-1242-2

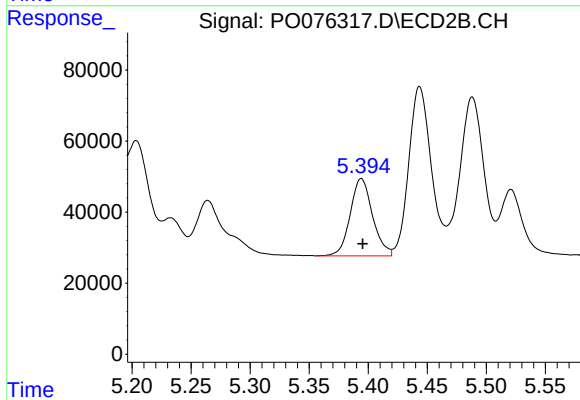
R.T.: 5.203 min  
Delta R.T.: -0.002 min  
Response: 457701  
Conc: 264.44 ng/ml



#18 AR-1242-3

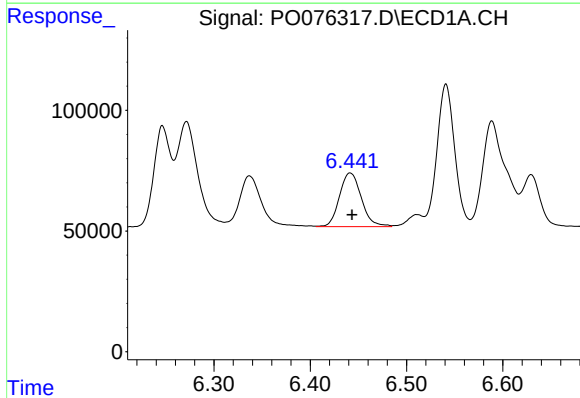
R.T.: 6.337 min  
Delta R.T.: 0.001 min  
Response: 333152  
Conc: 262.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



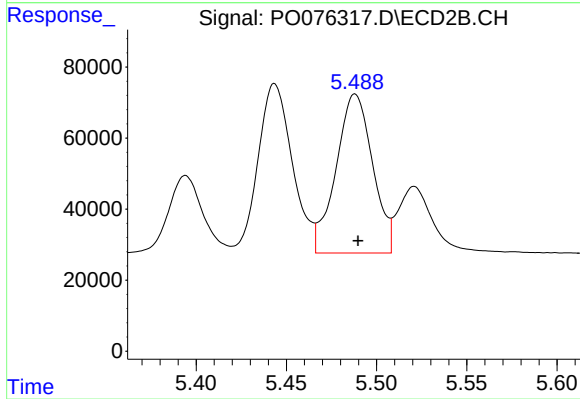
#18 AR-1242-3

R.T.: 5.394 min  
Delta R.T.: -0.001 min  
Response: 286792  
Conc: 356.05 ng/ml



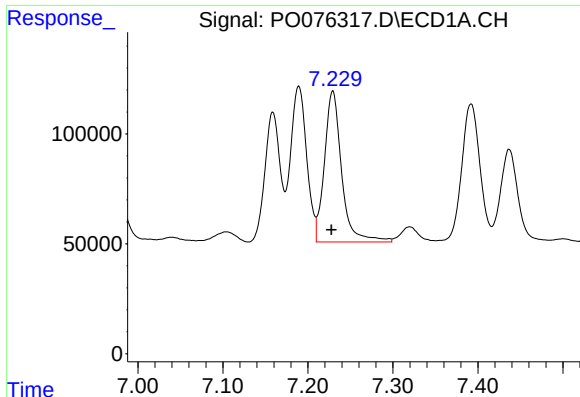
#19 AR-1242-4

R.T.: 6.442 min  
Delta R.T.: -0.002 min  
Response: 349877  
Conc: 361.33 ng/ml



#19 AR-1242-4

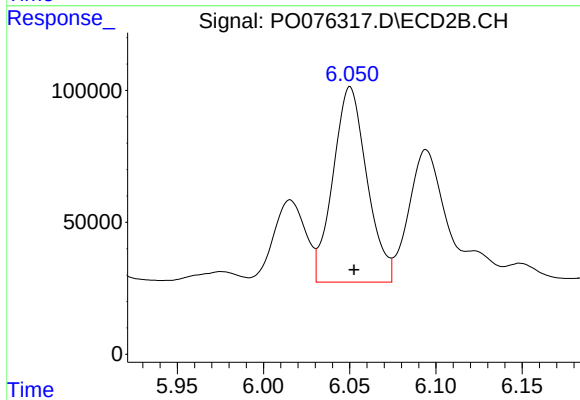
R.T.: 5.488 min  
Delta R.T.: -0.002 min  
Response: 631760  
Conc: 727.81 ng/ml



#20 AR-1242-5

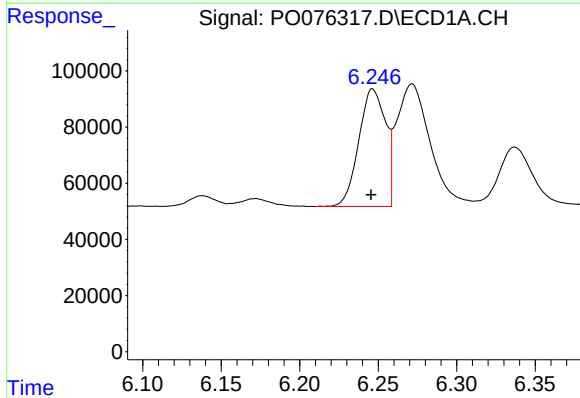
R.T.: 7.229 min  
Delta R.T.: 0.002 min  
Response: 966521  
Conc: 962.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



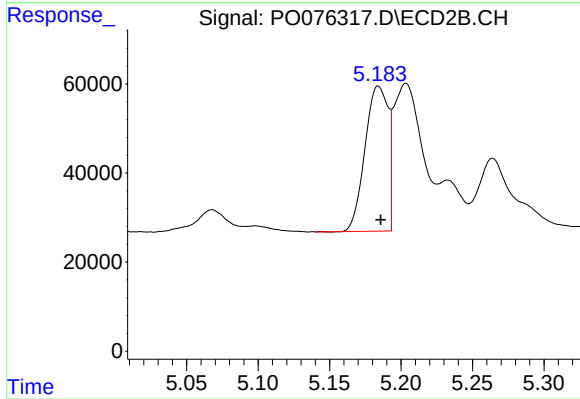
#20 AR-1242-5

R.T.: 6.050 min  
Delta R.T.: -0.002 min  
Response: 1011453  
Conc: 1003.63 ng/ml



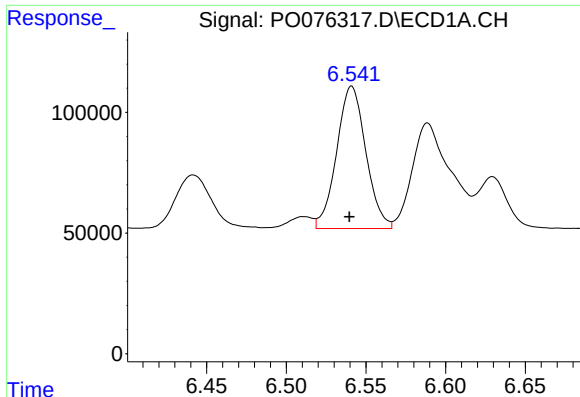
#21 AR-1248-1

R.T.: 6.247 min  
Delta R.T.: 0.001 min  
Response: 497939  
Conc: 528.16 ng/ml



#21 AR-1248-1

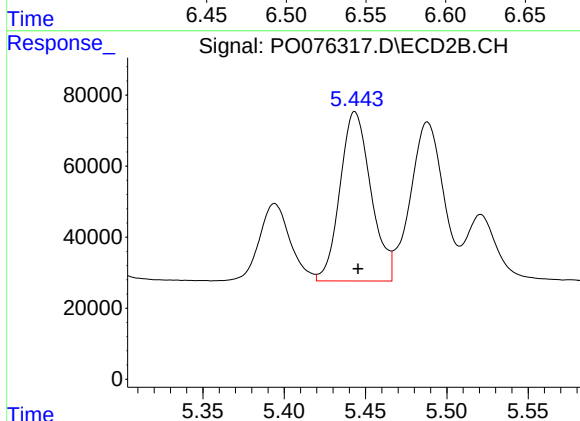
R.T.: 5.184 min  
Delta R.T.: -0.001 min  
Response: 367271  
Conc: 534.77 ng/ml



#22 AR-1248-2

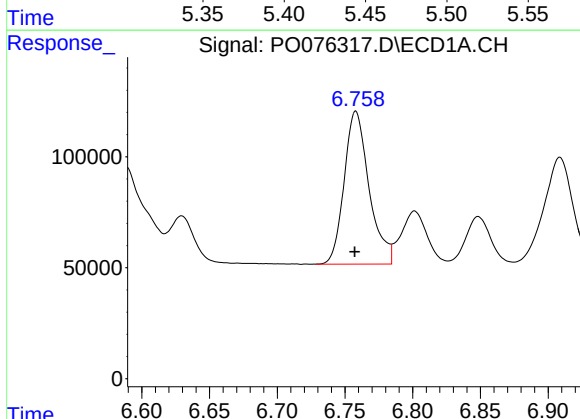
R.T.: 6.541 min  
Delta R.T.: 0.001 min  
Response: 752971  
Conc: 499.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



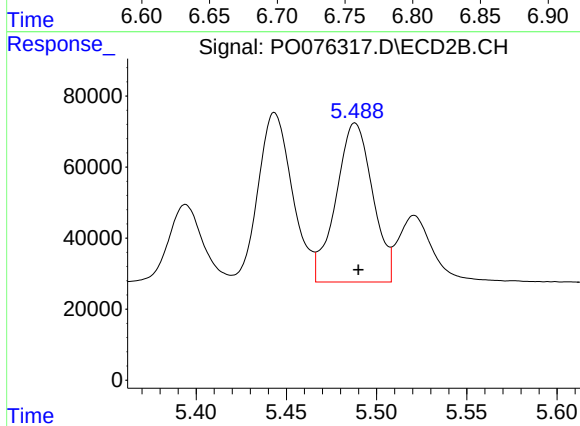
#22 AR-1248-2

R.T.: 5.443 min  
Delta R.T.: -0.002 min  
Response: 631587  
Conc: 488.14 ng/ml



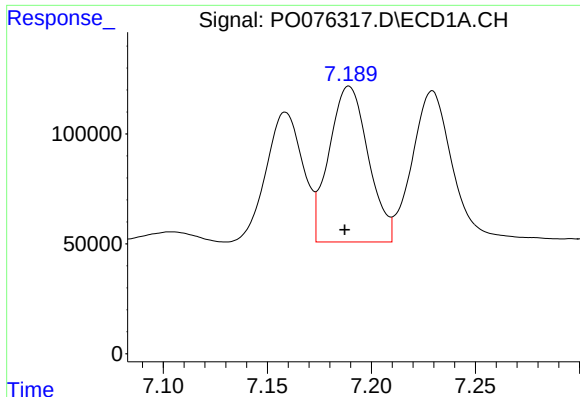
#23 AR-1248-3

R.T.: 6.758 min  
Delta R.T.: 0.000 min  
Response: 882263  
Conc: 508.68 ng/ml



#23 AR-1248-3

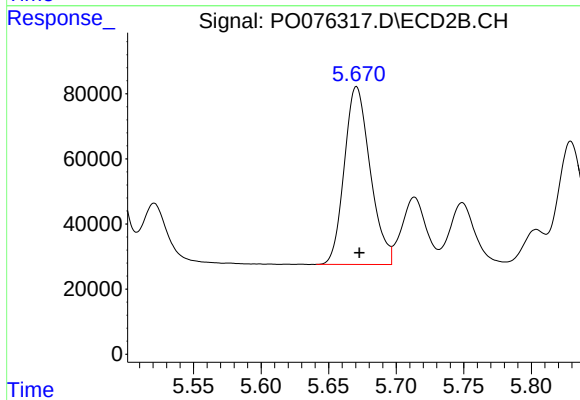
R.T.: 5.488 min  
Delta R.T.: -0.002 min  
Response: 631760  
Conc: 494.26 ng/ml



#24 AR-1248-4

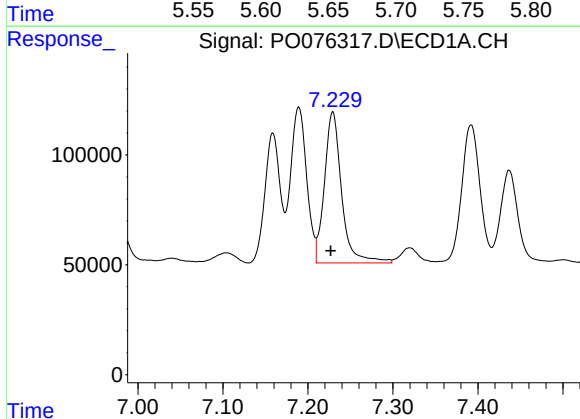
R.T.: 7.189 min  
Delta R.T.: 0.002 min  
Response: 928591  
Conc: 527.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



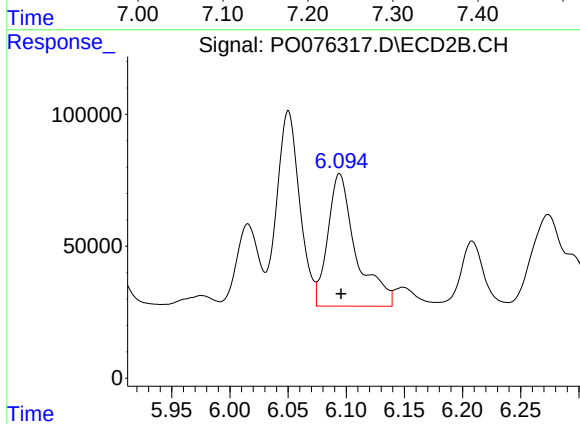
#24 AR-1248-4

R.T.: 5.671 min  
Delta R.T.: -0.002 min  
Response: 727875  
Conc: 495.00 ng/ml



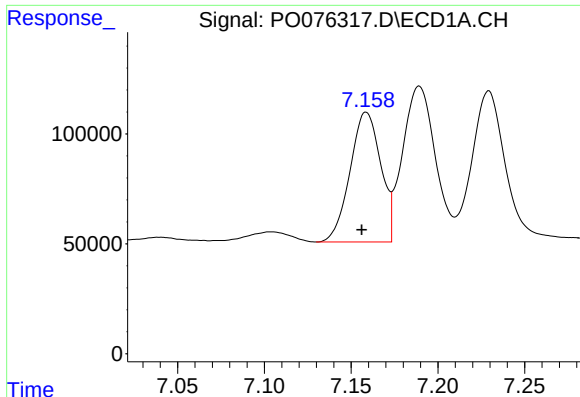
#25 AR-1248-5

R.T.: 7.229 min  
Delta R.T.: 0.002 min  
Response: 966521  
Conc: 546.48 ng/ml



#25 AR-1248-5

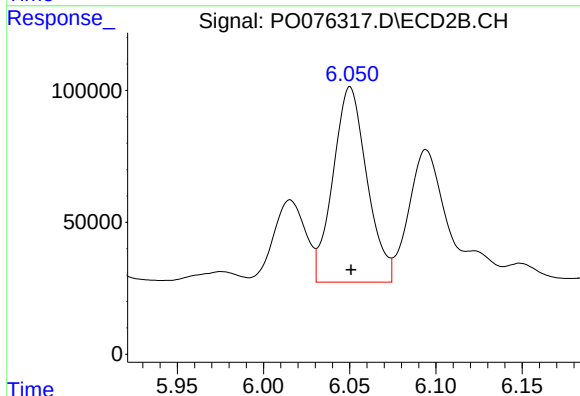
R.T.: 6.094 min  
Delta R.T.: -0.001 min  
Response: 847735  
Conc: 548.14 ng/ml



#26 AR-1254-1

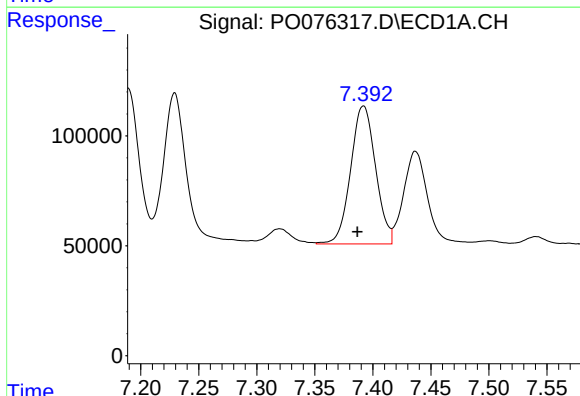
R.T.: 7.159 min  
Delta R.T.: 0.003 min  
Response: 726585  
Conc: 354.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



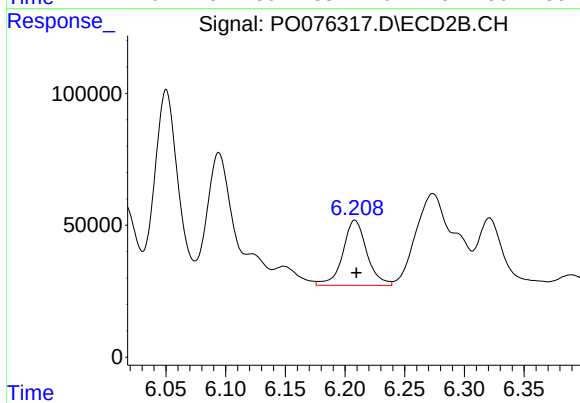
#26 AR-1254-1

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 1011453  
Conc: 442.55 ng/ml



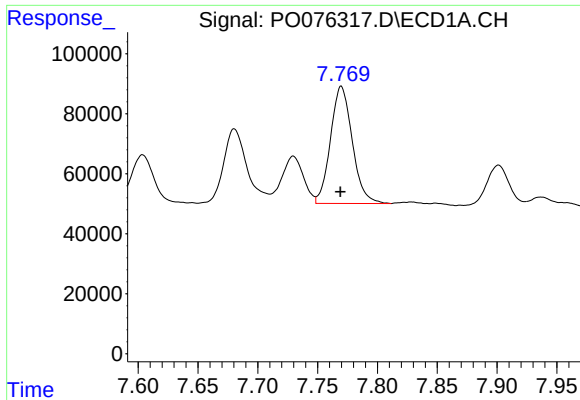
#27 AR-1254-2

R.T.: 7.392 min  
Delta R.T.: 0.005 min  
Response: 938437  
Conc: 301.99 ng/ml



#27 AR-1254-2

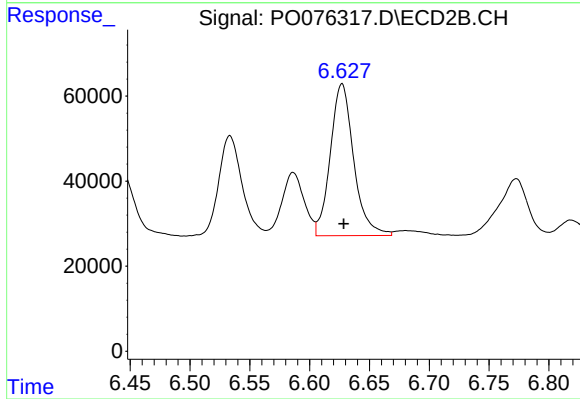
R.T.: 6.208 min  
Delta R.T.: -0.001 min  
Response: 344933  
Conc: 174.16 ng/ml



#28 AR-1254-3

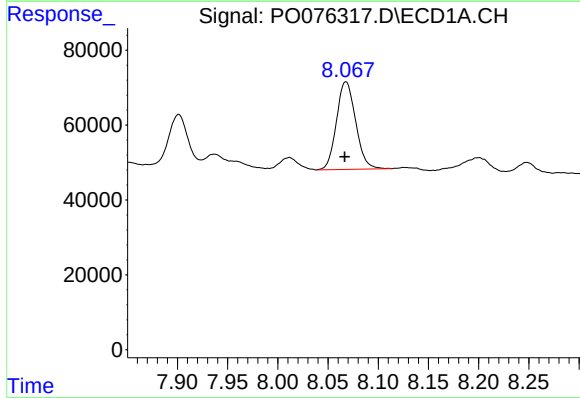
R.T.: 7.770 min  
Delta R.T.: 0.000 min  
Response: 495601  
Conc: 155.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



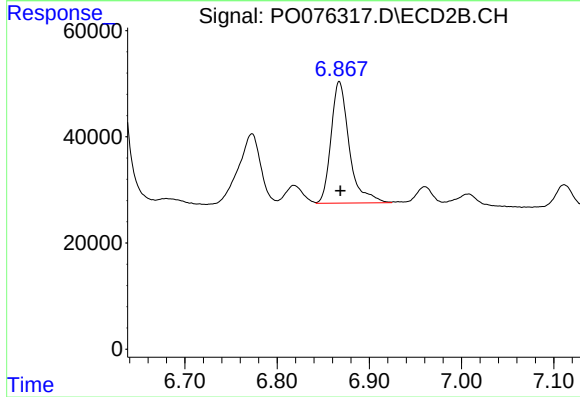
#28 AR-1254-3

R.T.: 6.627 min  
Delta R.T.: -0.002 min  
Response: 486504  
Conc: 161.52 ng/ml



#29 AR-1254-4

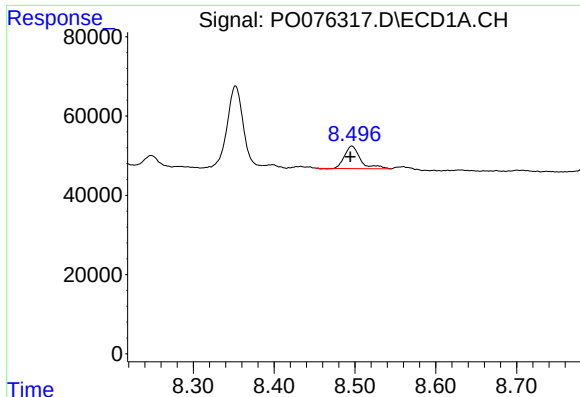
R.T.: 8.068 min  
Delta R.T.: 0.001 min  
Response: 311766  
Conc: 148.80 ng/ml



#29 AR-1254-4

R.T.: 6.868 min  
Delta R.T.: -0.001 min  
Response: 314007  
Conc: 177.94 ng/ml

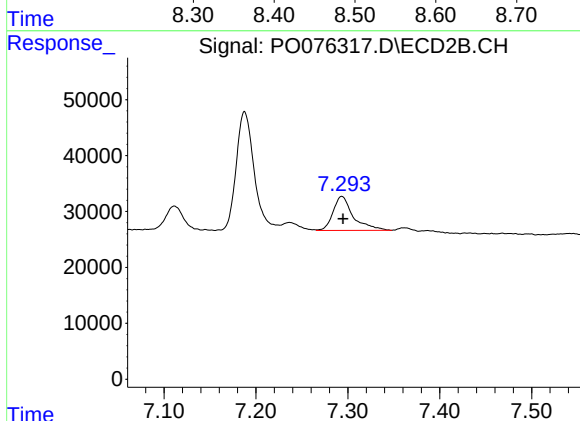




#30 AR-1254-5

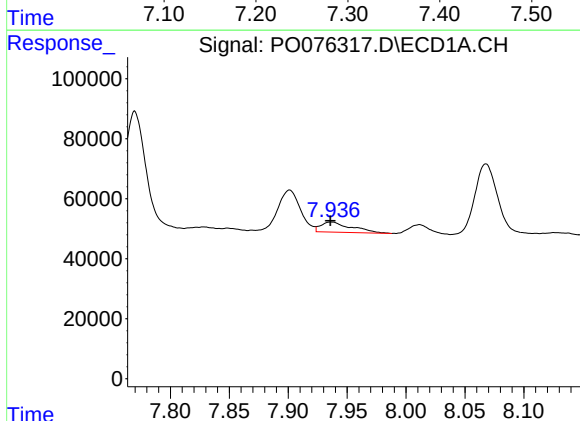
R.T.: 8.496 min  
Delta R.T.: 0.002 min  
Response: 77432  
Conc: 33.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



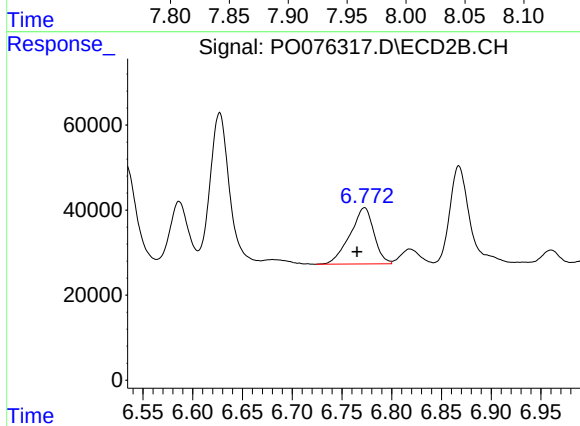
#30 AR-1254-5

R.T.: 7.293 min  
Delta R.T.: -0.001 min  
Response: 92898  
Conc: 35.48 ng/ml



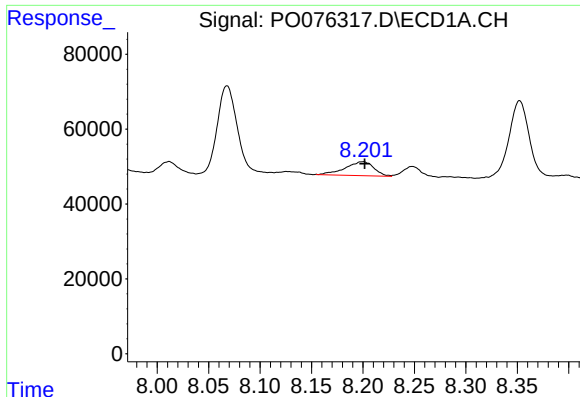
#31 AR-1260-1

R.T.: 7.937 min  
Delta R.T.: 0.000 min  
Response: 62545  
Conc: 26.90 ng/ml



#31 AR-1260-1

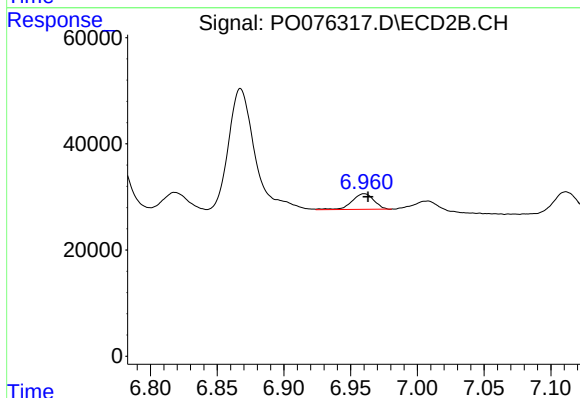
R.T.: 6.773 min  
Delta R.T.: 0.007 min  
Response: 221700  
Conc: 107.92 ng/ml



#32 AR-1260-2

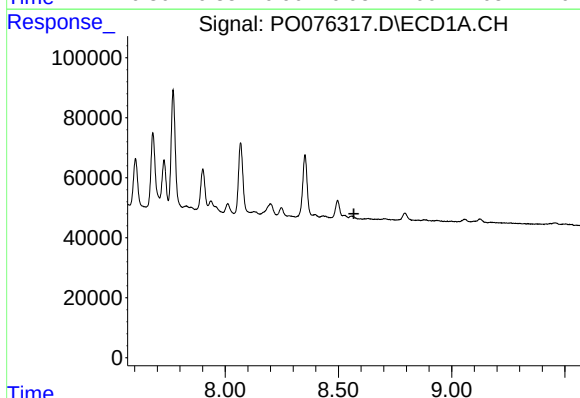
R.T.: 8.200 min  
Delta R.T.: -0.002 min  
Response: 72556  
Conc: 28.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



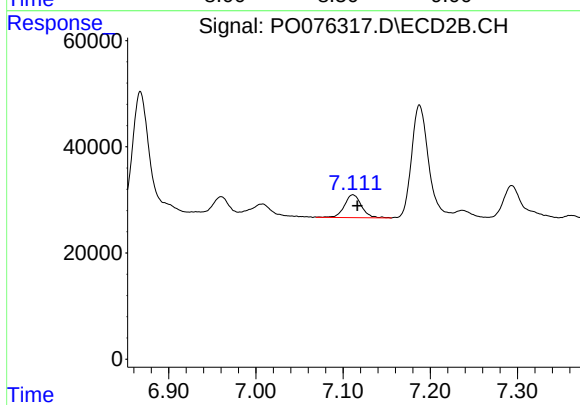
#32 AR-1260-2

R.T.: 6.960 min  
Delta R.T.: -0.003 min  
Response: 33647  
Conc: 13.87 ng/ml



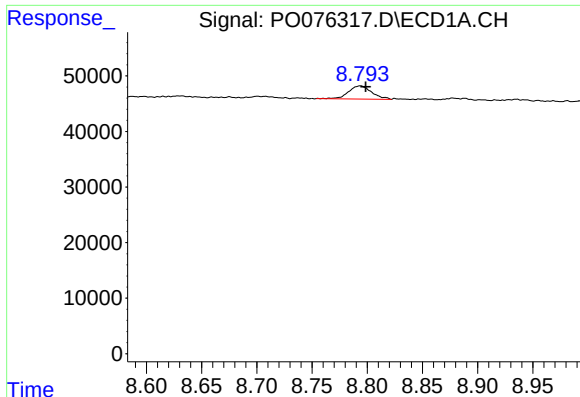
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.568 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

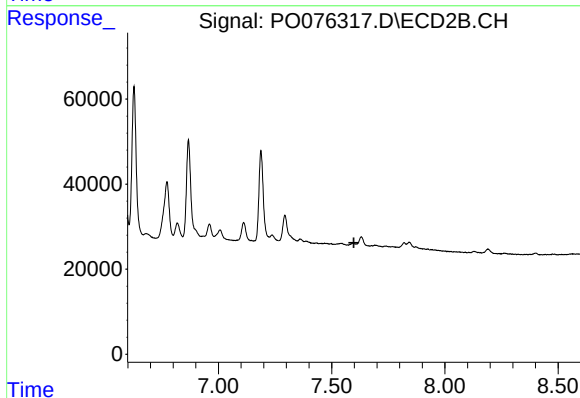
R.T.: 7.111 min  
Delta R.T.: -0.005 min  
Response: 58774  
Conc: 25.99 ng/ml



#34 AR-1260-4

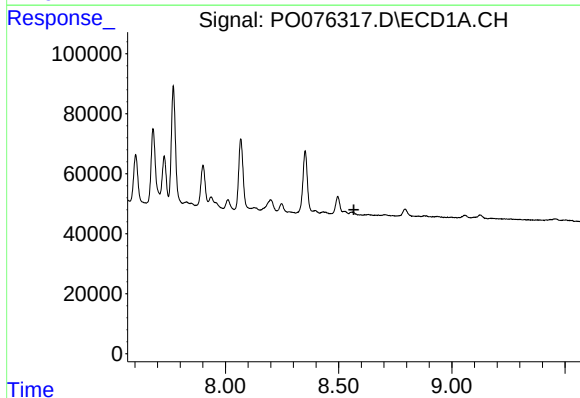
R.T.: 8.794 min  
Delta R.T.: -0.005 min  
Response: 34581  
Conc: 15.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



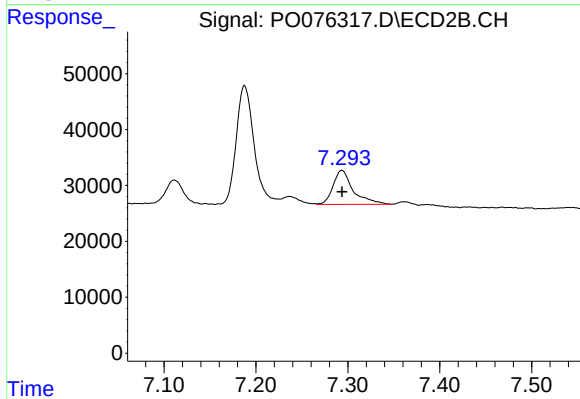
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.598 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 8.567 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

R.T.: 7.293 min  
Delta R.T.: 0.000 min  
Response: 92898  
Conc: 63.61 ng/ml