

Data Path : P:\HPCHEM1\ECD\_0\Data\P0052518\  
 Data File : P0045074.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 25 May 2018 12:50  
 Operator : SM/UA  
 Sample : AR1254ICC500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 AR1254ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 25 14:20:42 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0052518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri May 25 14:20:32 2018  
 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...          | 4.000 | 3.267 | 35112958 | 41816505 | 58.655   | 61.635     |
| 2) SA Decachlor...          | 9.306 | 8.013 | 29518635 | 34360495 | 55.399   | 58.173     |
| Target Compounds            |       |       |          |          |          |            |
| 4) L1 AR-1016-2             | 0.000 | 4.514 | 0        | 7881570  | N.D.     | 734.130 #  |
| 5) L1 AR-1016-3             | 0.000 | 4.550 | 0        | 2974162  | N.D.     | 230.372 #  |
| 6) L1 AR-1016-4             | 5.717 | 4.715 | 1538239  | 4889950  | 127.939  | 343.629 #  |
| 7) L1 AR-1016-5             | 5.945 | 5.049 | 16934055 | 20181411 | 1515.248 | 1498.907   |
| 9) L2 AR-1221-2             | 0.000 | 3.551 | 0        | 496183   | N.D.     | 51.994 #   |
| 10) L2 AR-1221-3            | 0.000 | 3.551 | 0        | 496183   | N.D.     | 15.703 #   |
| 11) L3 AR-1232-1            | 0.000 | 3.551 | 0        | 496183   | N.D.     | 34.512 #   |
| 12) L3 AR-1232-2            | 0.000 | 4.301 | 0        | 511629   | N.D.     | 18.167 #   |
| 13) L3 AR-1232-3            | 0.000 | 4.301 | 0        | 511629   | N.D.     | 46.918 #   |
| 14) L3 AR-1232-4            | 0.000 | 4.550 | 0        | 2974162  | N.D.     | 411.753 #  |
| 15) L3 AR-1232-5            | 0.000 | 4.715 | 0        | 4889950  | N.D.     | 614.470 #  |
| 17) L4 AR-1242-2            | 0.000 | 4.301 | 0        | 511629   | N.D.     | 10.363 #   |
| 18) L4 AR-1242-3            | 0.000 | 4.514 | 0        | 7881570  | N.D.     | 726.538 #  |
| 19) L4 AR-1242-4            | 5.580 | 4.550 | 3765891  | 2974162  | 335.321  | 217.716 #  |
| 20) L4 AR-1242-5            | 5.717 | 4.715 | 1538239  | 4889950  | 120.806  | 330.343 #  |
| 21) L5 AR-1248-1            | 5.580 | 4.715 | 3765891  | 4889950  | 199.752  | 197.340    |
| 22) L5 AR-1248-2            | 5.717 | 4.853 | 1538239  | 2002958  | 93.427   | 89.812     |
| 23) L5 AR-1248-3            | 5.945 | 5.049 | 16934055 | 20181411 | 754.900  | 563.293 #  |
| 24) L5 AR-1248-4            | 6.010 | 5.087 | 3706409  | 2382025  | 164.061  | 83.476 #   |
| 25) L5 AR-1248-5            | 6.205 | 5.577 | 6215225  | 28970050 | 437.683  | 1566.512 # |
| 26) L6 AR-1254-1            | 6.156 | 5.049 | 17212392 | 20181411 | 500.000  | 500.000    |
| 27) L6 AR-1254-2            | 6.429 | 5.192 | 11218926 | 17372390 | 500.000  | 500.000    |
| 28) L6 AR-1254-3            | 6.513 | 5.577 | 19214422 | 28970050 | 500.000  | 500.000    |
| 29) L6 AR-1254-4            | 6.791 | 5.800 | 15958473 | 22260444 | 500.000  | 500.000    |
| 30) L6 AR-1254-5            | 7.057 | 6.101 | 11522050 | 13204739 | 500.000  | 500.000    |
| 31) L7 AR-1260-1            | 6.673 | 5.700 | 7552208  | 13833211 | 325.192  | 449.300 #  |
| 32) L7 AR-1260-2            | 6.922 | 5.886 | 9216349  | 12082393 | 303.570  | 296.823    |
| 33) L7 AR-1260-3            | 0.000 | 6.266 | 0        | 3348358  | N.D.     | 92.685 #   |
| 34) L7 AR-1260-4            | 7.795 | 6.726 | 3272994  | 3046982  | 52.299   | 38.188 #   |
| 35) L7 AR-1260-5            | 8.080 | 7.060 | 1817813  | 3000592  | 71.111   | 53.675     |
| -----                       |       |       |          |          |          |            |

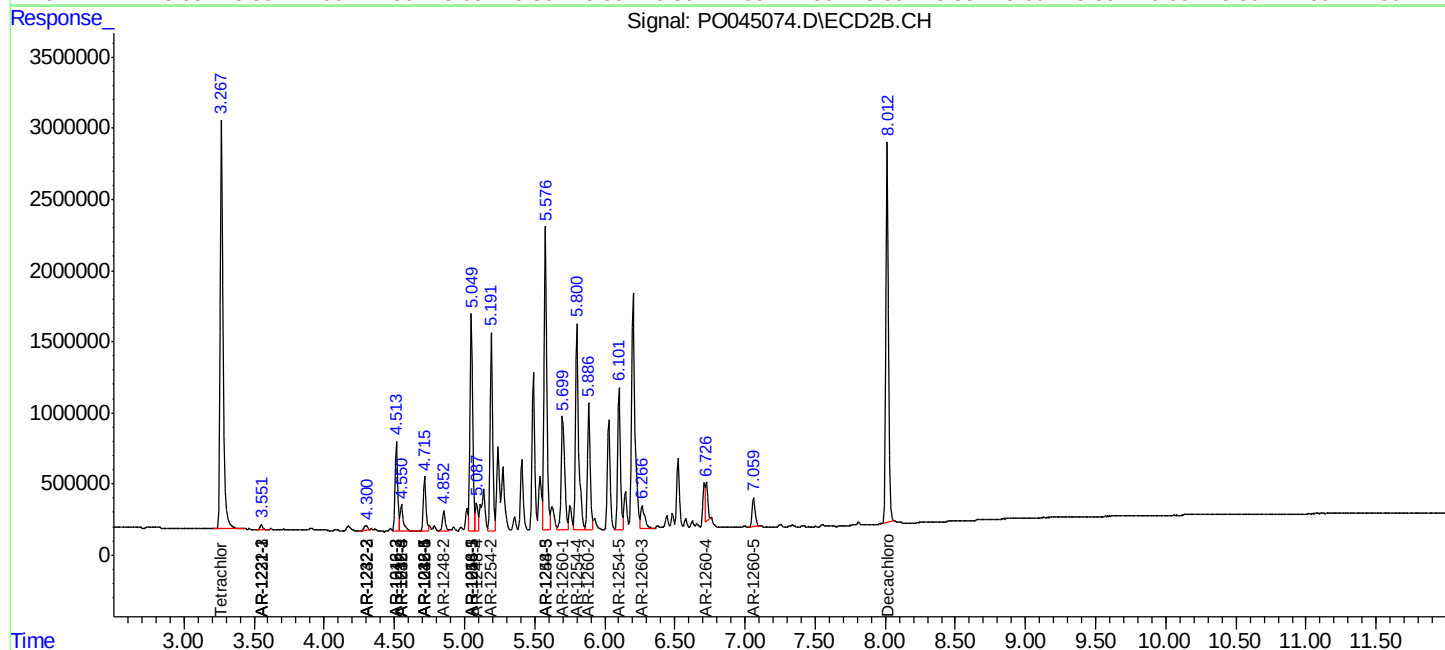
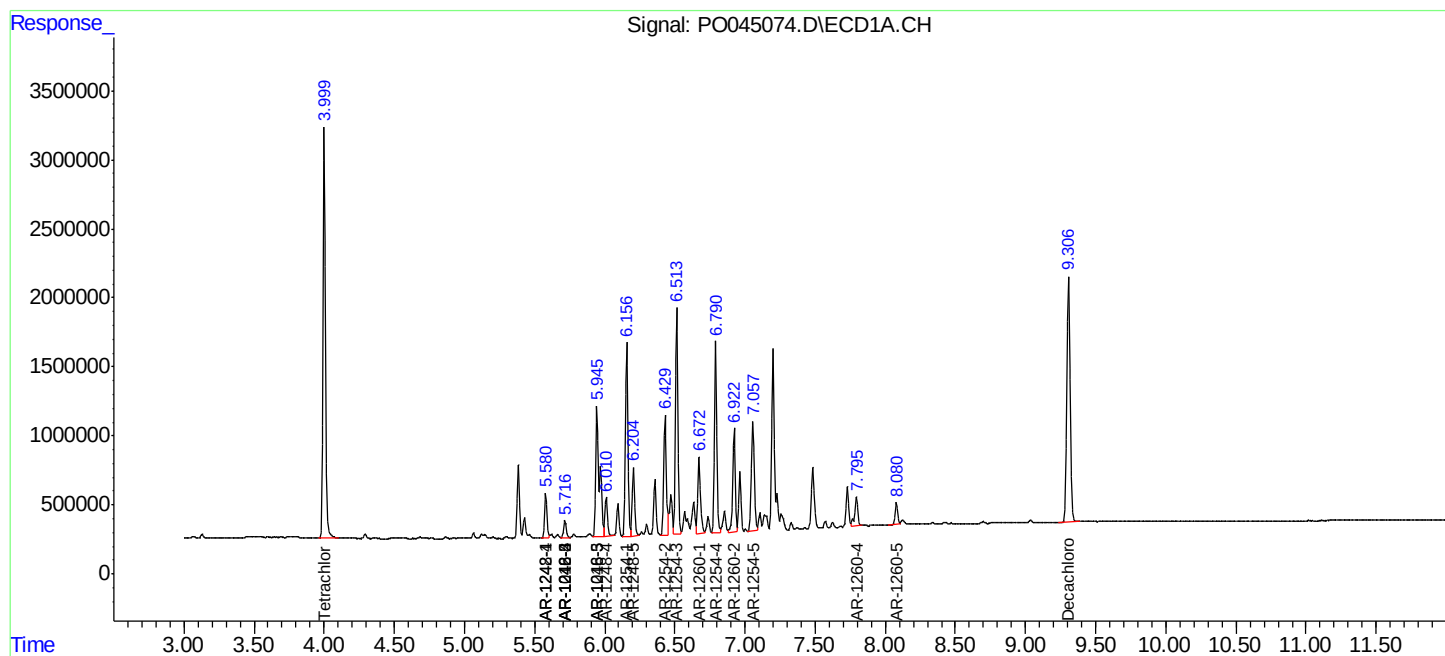
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

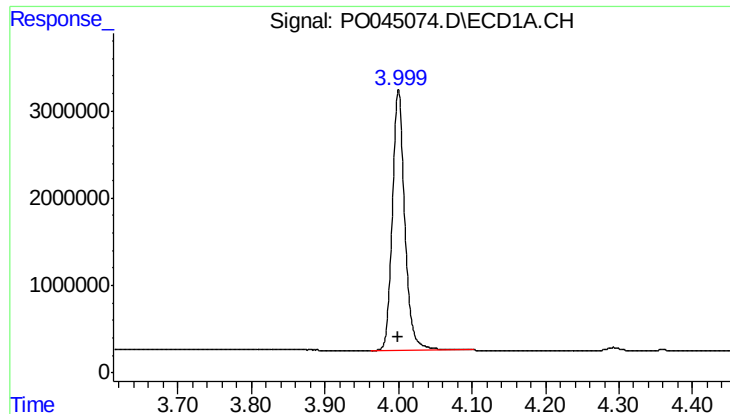
Data Path : P:\HPCHEM1\ECD\_0\Data\PO052518\  
Data File : PO045074.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 25 May 2018 12:50  
Operator : SM/UA  
Sample : AR1254ICC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 25 14:20:42 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO052518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri May 25 14:20:32 2018  
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

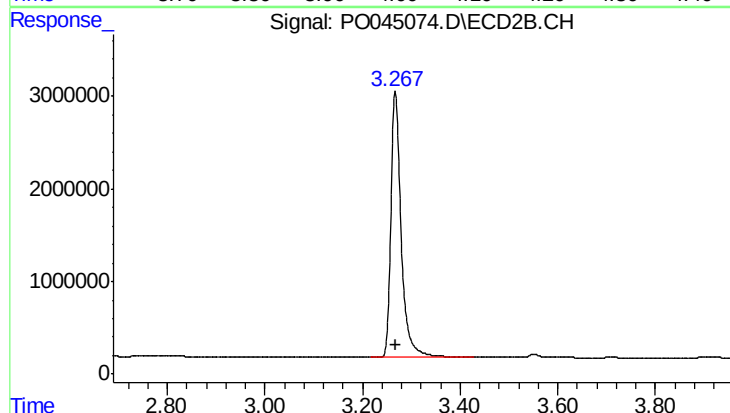




#1 Tetrachloro-m-xylene

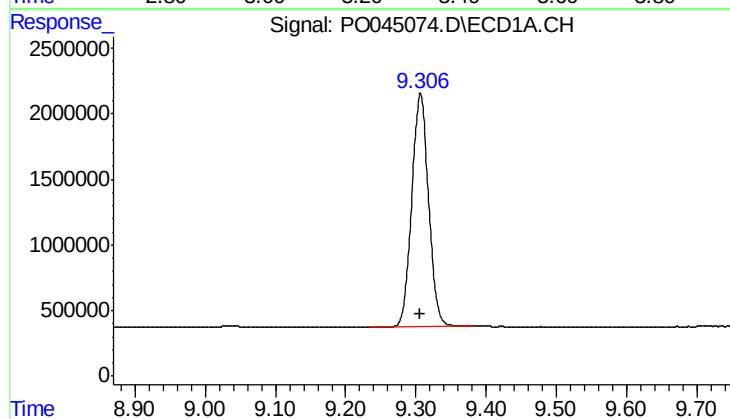
R.T.: 4.000 min  
Delta R.T.: 0.000 min  
Response: 35112958  
Conc: 58.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



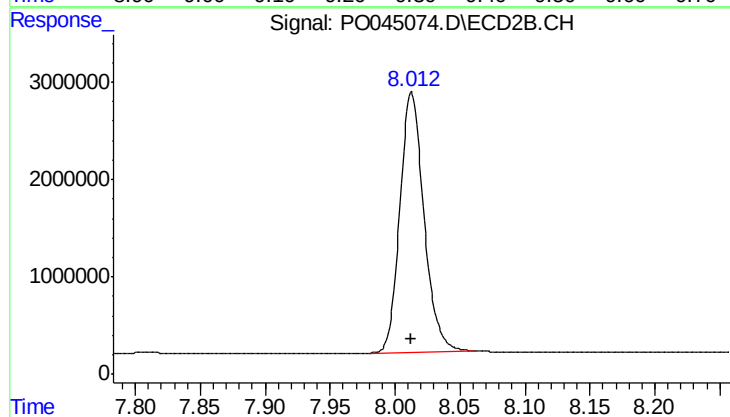
#1 Tetrachloro-m-xylene

R.T.: 3.267 min  
Delta R.T.: 0.000 min  
Response: 41816505  
Conc: 61.64 ng/ml



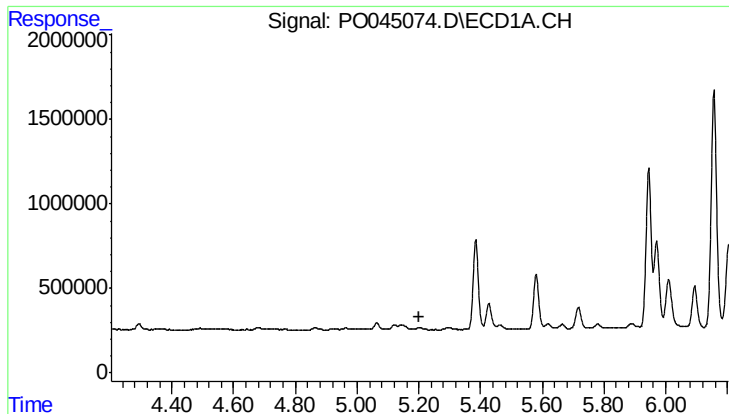
#2 Decachlorobiphenyl

R.T.: 9.306 min  
Delta R.T.: 0.000 min  
Response: 29518635  
Conc: 55.40 ng/ml



#2 Decachlorobiphenyl

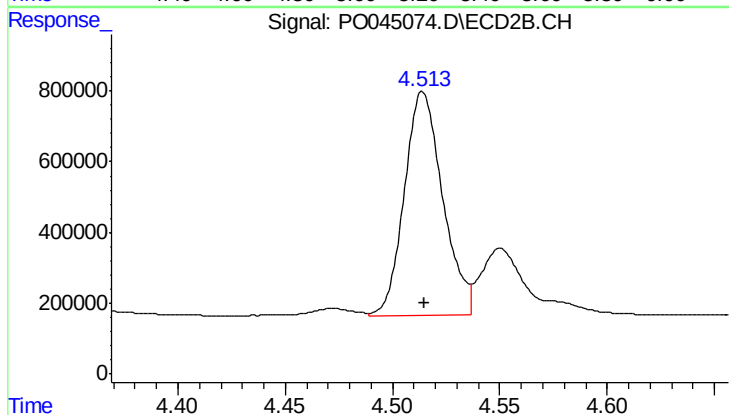
R.T.: 8.013 min  
Delta R.T.: 0.000 min  
Response: 34360495  
Conc: 58.17 ng/ml



#4 AR-1016-2

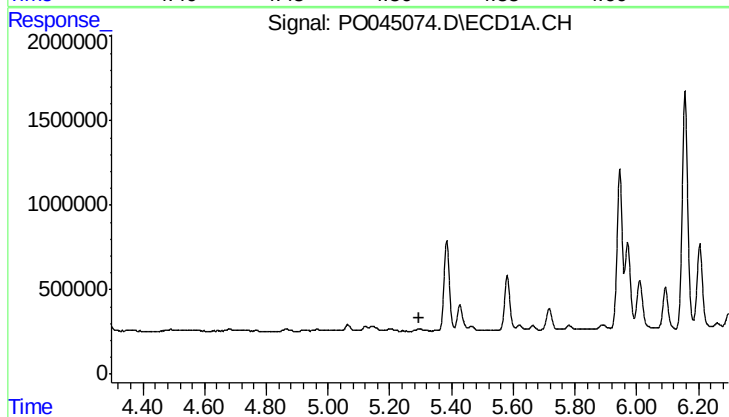
R.T.: 0.000 min  
Exp R.T.: 5.203 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



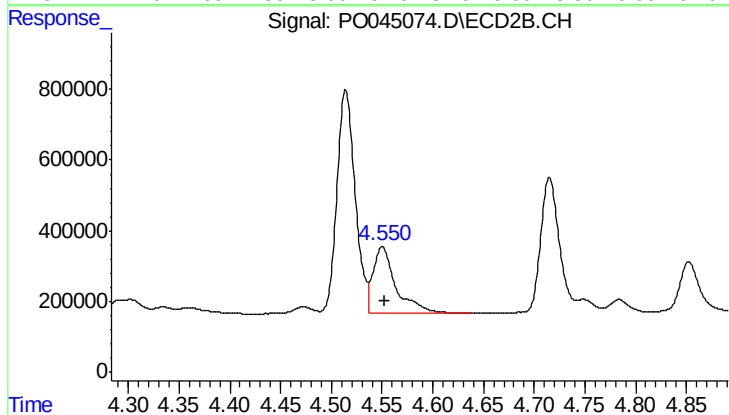
#4 AR-1016-2

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 7881570  
Conc: 734.13 ng/ml



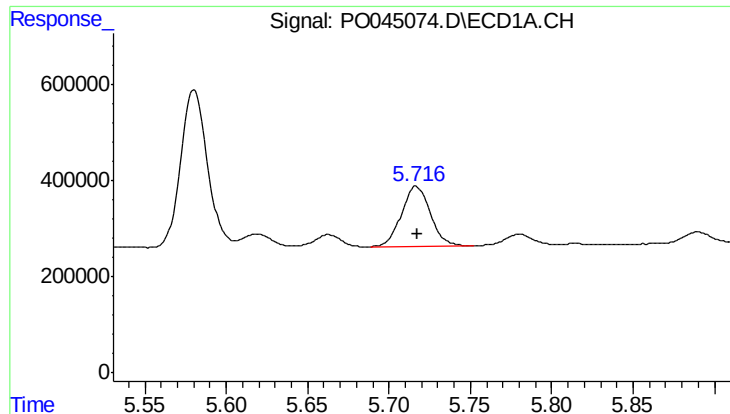
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.298 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

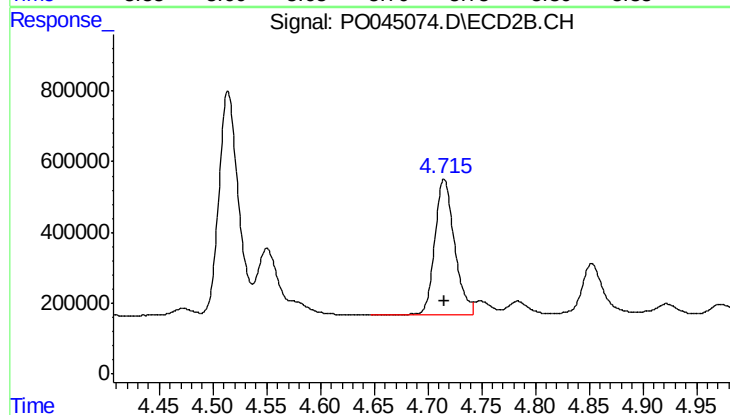
R.T.: 4.550 min  
Delta R.T.: -0.002 min  
Response: 2974162  
Conc: 230.37 ng/ml



#6 AR-1016-4

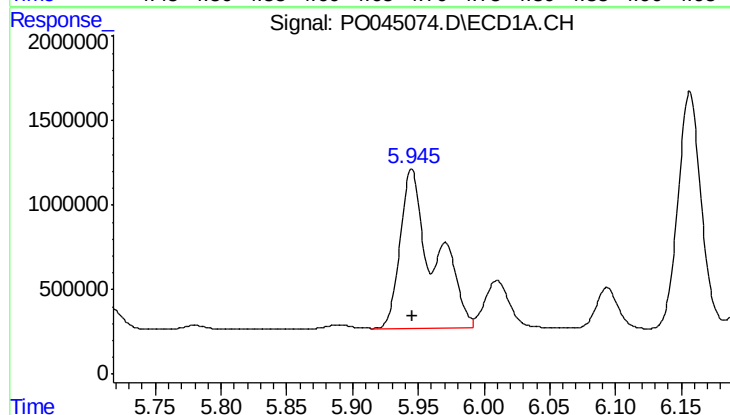
R.T.: 5.717 min  
Delta R.T.: 0.000 min  
Response: 1538239  
Conc: 127.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



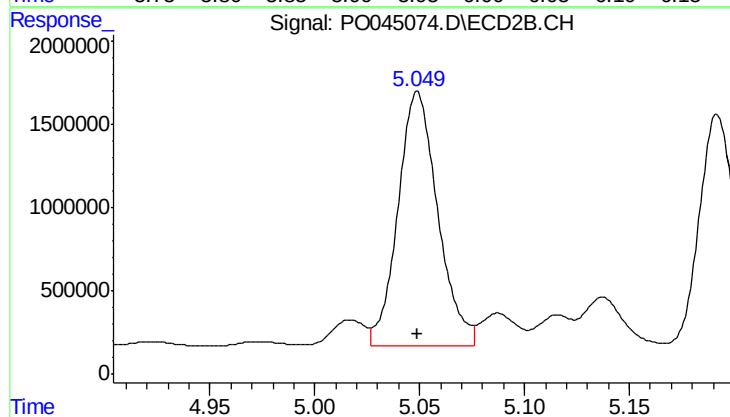
#6 AR-1016-4

R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 4889950  
Conc: 343.63 ng/ml



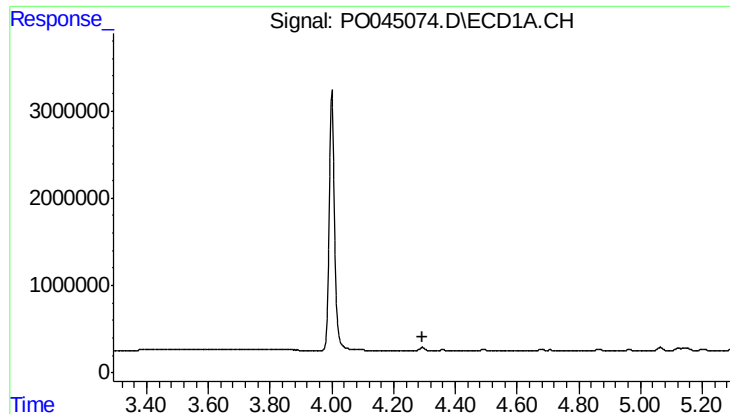
#7 AR-1016-5

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 16934055  
Conc: 1515.25 ng/ml



#7 AR-1016-5

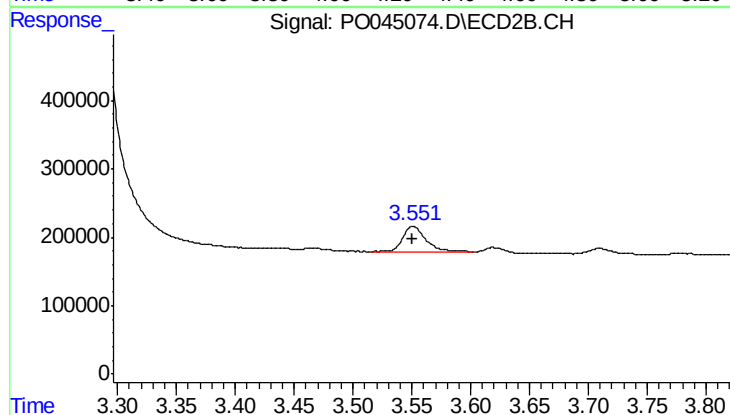
R.T.: 5.049 min  
Delta R.T.: 0.000 min  
Response: 20181411  
Conc: 1498.91 ng/ml



#9 AR-1221-2

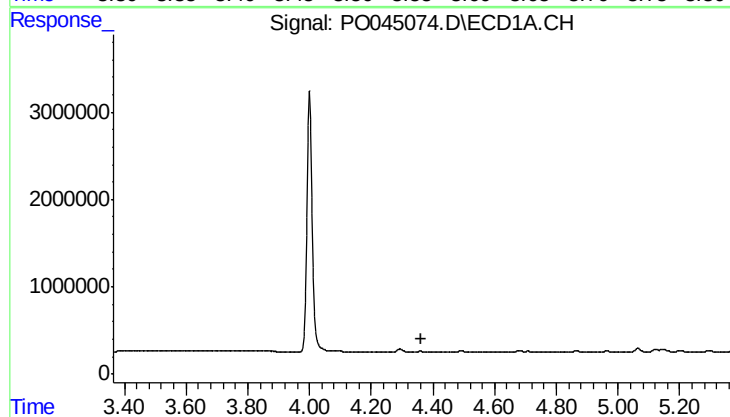
R.T.: 0.000 min  
Exp R.T.: 4.292 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



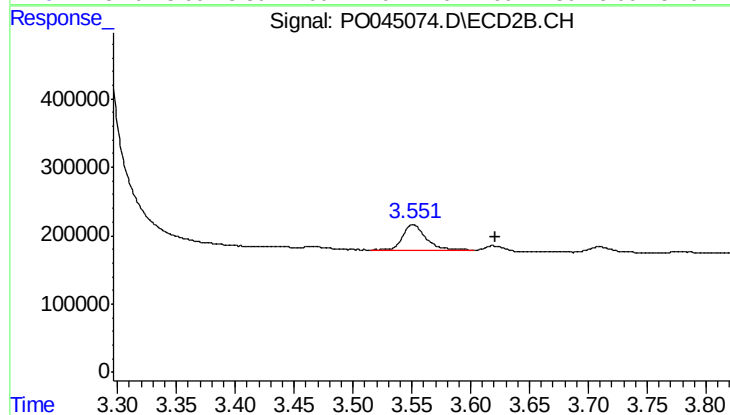
#9 AR-1221-2

R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 496183  
Conc: 51.99 ng/ml



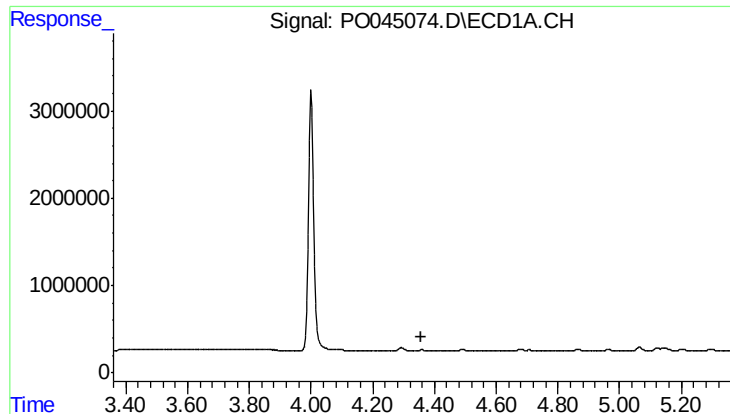
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 4.364 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

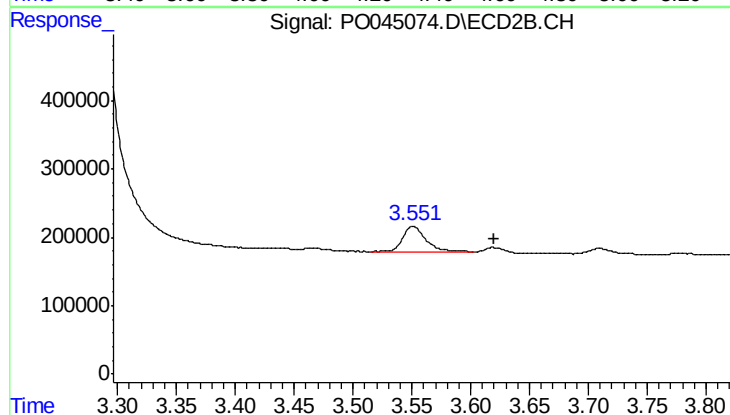
R.T.: 3.551 min  
Delta R.T.: -0.070 min  
Response: 496183  
Conc: 15.70 ng/ml



#11 AR-1232-1

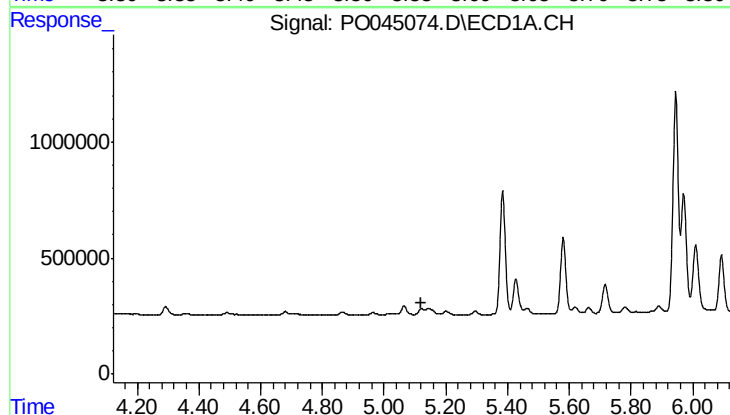
R.T.: 0.000 min  
Exp R.T.: 4.359 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



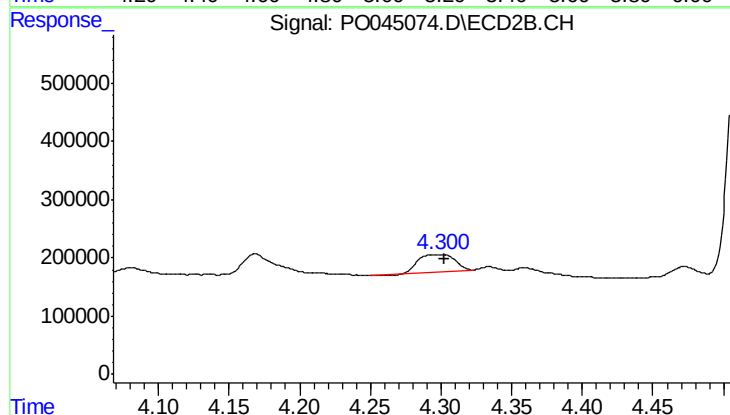
#11 AR-1232-1

R.T.: 3.551 min  
Delta R.T.: -0.069 min  
Response: 496183  
Conc: 34.51 ng/ml



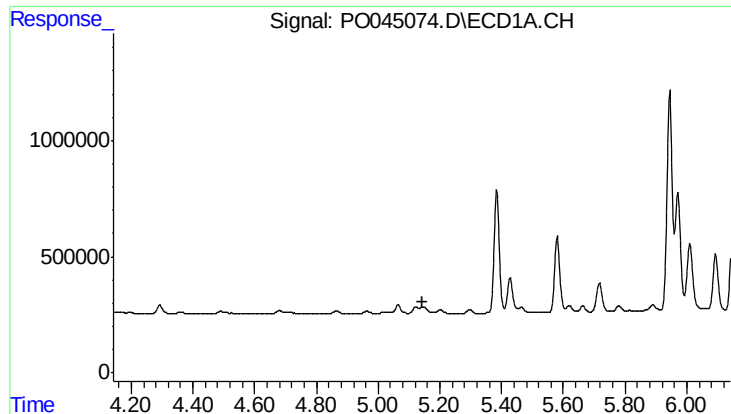
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 5.122 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

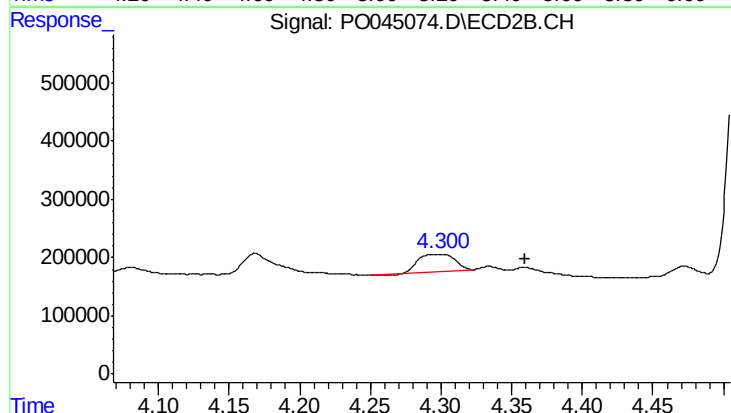
R.T.: 4.301 min  
Delta R.T.: -0.001 min  
Response: 511629  
Conc: 18.17 ng/ml



#13 AR-1232-3

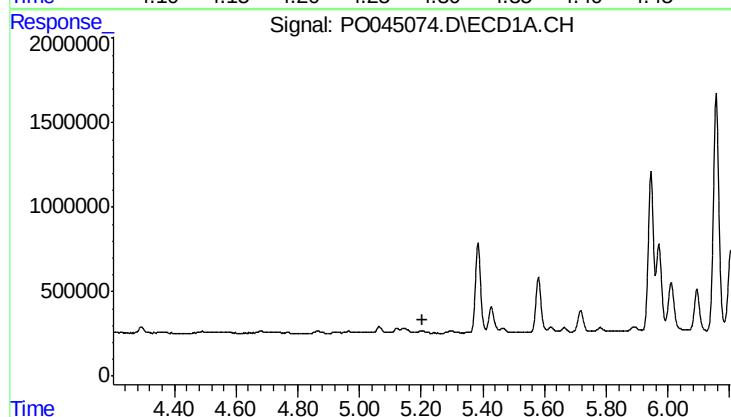
R.T.: 0.000 min  
Exp R.T.: 5.142 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



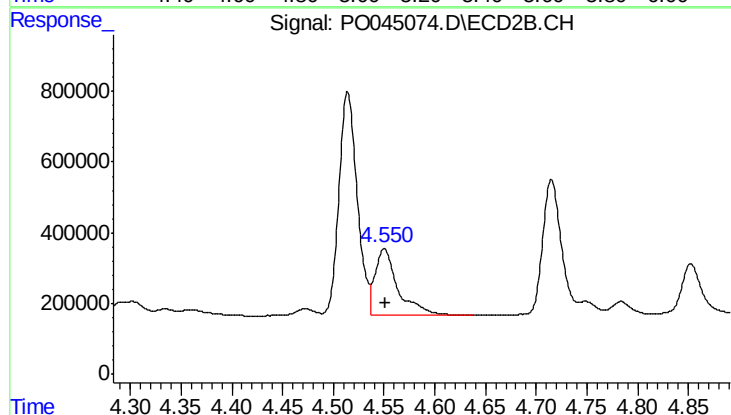
#13 AR-1232-3

R.T.: 4.301 min  
Delta R.T.: -0.058 min  
Response: 511629  
Conc: 46.92 ng/ml



#14 AR-1232-4

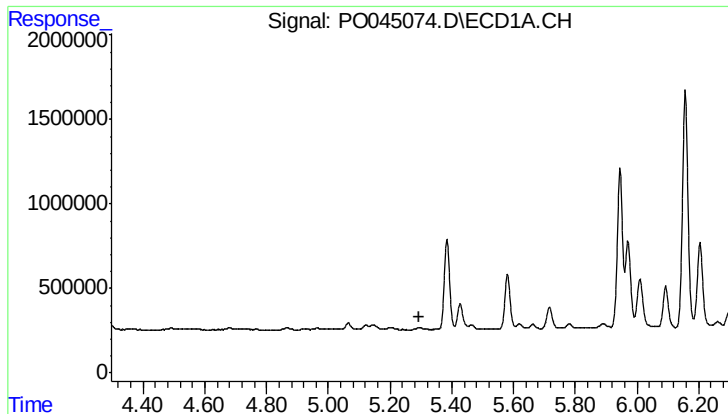
R.T.: 0.000 min  
Exp R.T.: 5.202 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

R.T.: 4.550 min  
Delta R.T.: 0.000 min  
Response: 2974162  
Conc: 411.75 ng/ml

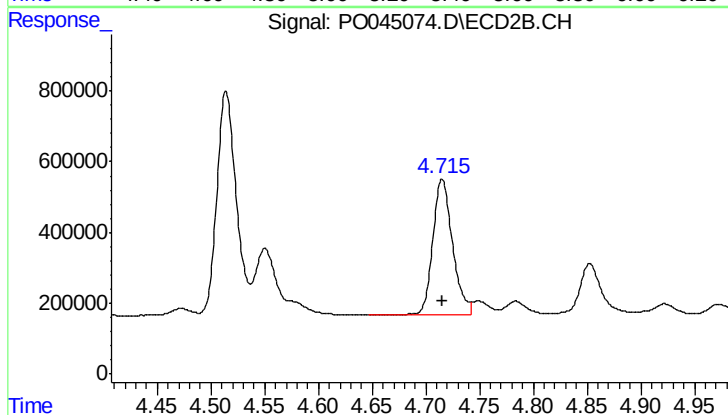




#15 AR-1232-5

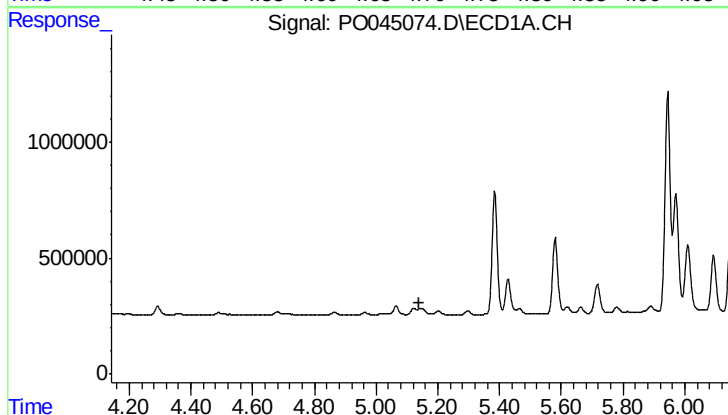
R.T.: 0.000 min  
Exp R.T.: 5.297 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



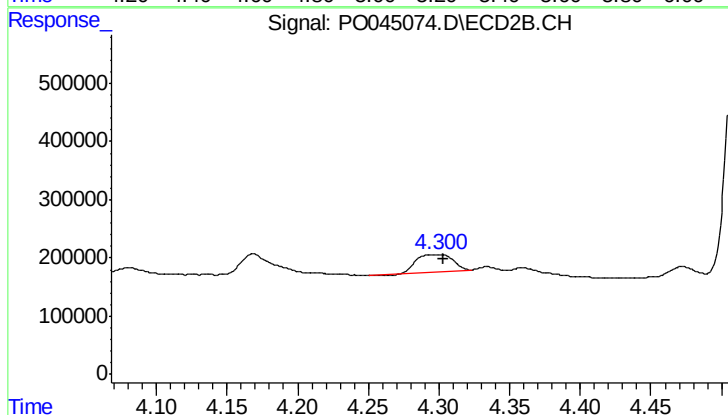
#15 AR-1232-5

R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 4889950  
Conc: 614.47 ng/ml



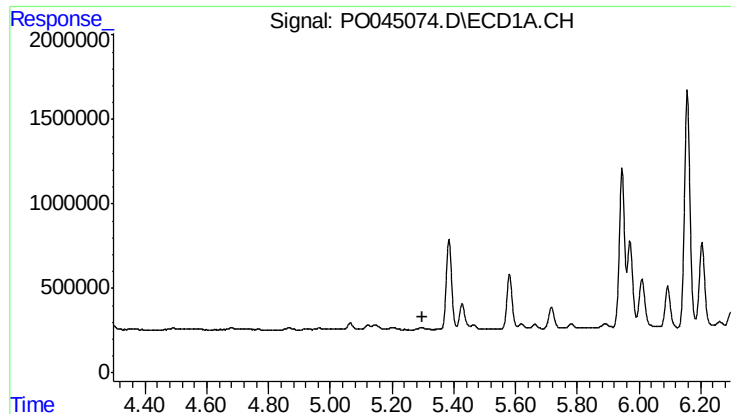
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 5.142 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

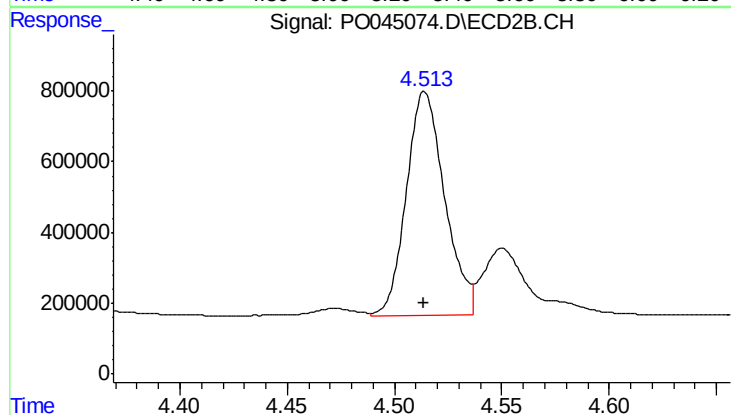
R.T.: 4.301 min  
Delta R.T.: -0.002 min  
Response: 511629  
Conc: 10.36 ng/ml



#18 AR-1242-3

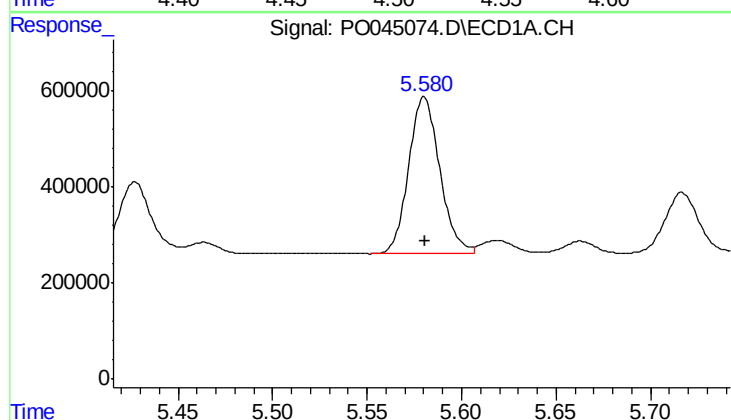
R.T.: 0.000 min  
Exp R.T.: 5.297 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



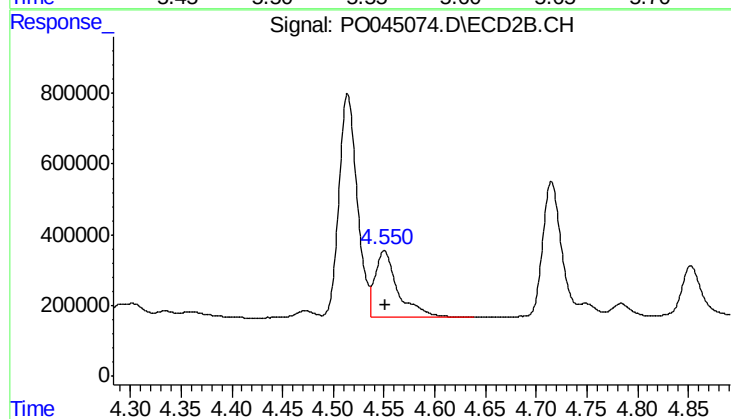
#18 AR-1242-3

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 7881570  
Conc: 726.54 ng/ml



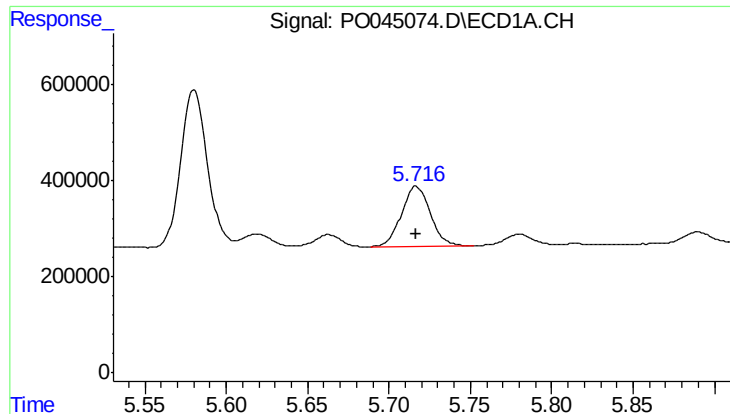
#19 AR-1242-4

R.T.: 5.580 min  
Delta R.T.: 0.000 min  
Response: 3765891  
Conc: 335.32 ng/ml



#19 AR-1242-4

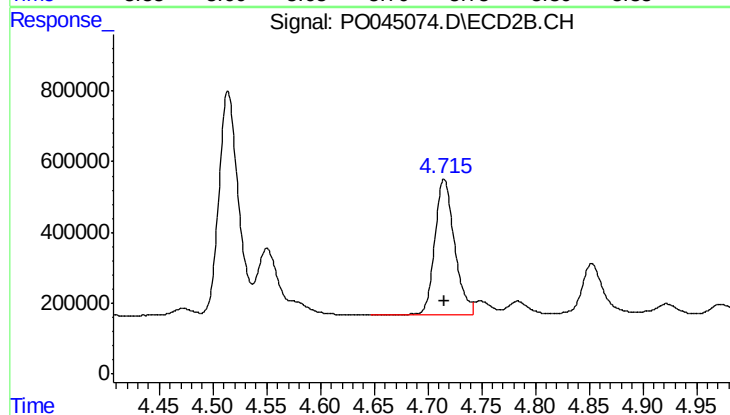
R.T.: 4.550 min  
Delta R.T.: -0.002 min  
Response: 2974162  
Conc: 217.72 ng/ml



#20 AR-1242-5

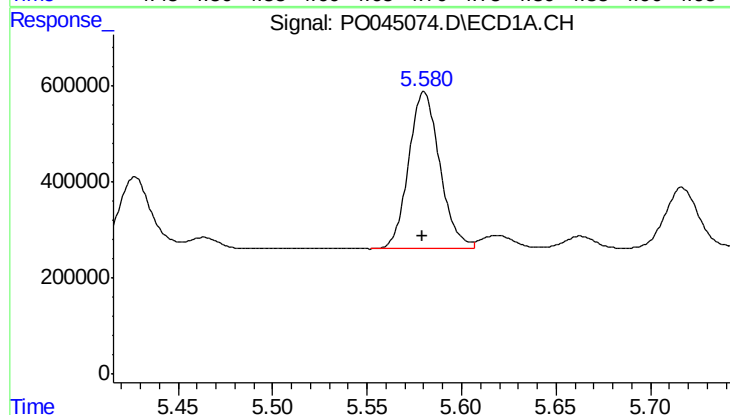
R.T.: 5.717 min  
Delta R.T.: 0.000 min  
Response: 1538239  
Conc: 120.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



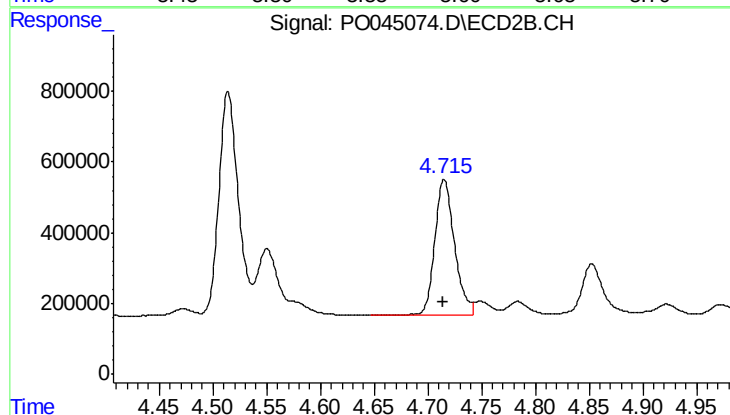
#20 AR-1242-5

R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 4889950  
Conc: 330.34 ng/ml



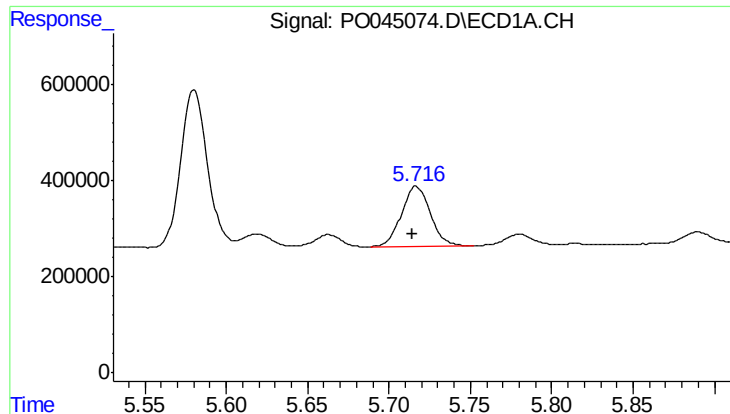
#21 AR-1248-1

R.T.: 5.580 min  
Delta R.T.: 0.000 min  
Response: 3765891  
Conc: 199.75 ng/ml



#21 AR-1248-1

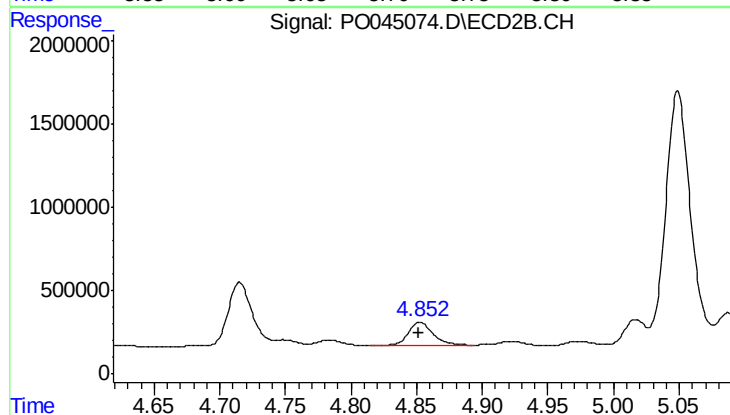
R.T.: 4.715 min  
Delta R.T.: 0.001 min  
Response: 4889950  
Conc: 197.34 ng/ml



#22 AR-1248-2

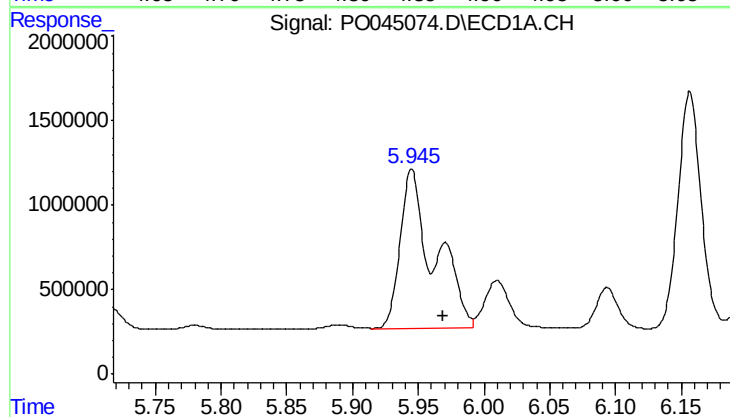
R.T.: 5.717 min  
Delta R.T.: 0.002 min  
Response: 1538239  
Conc: 93.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



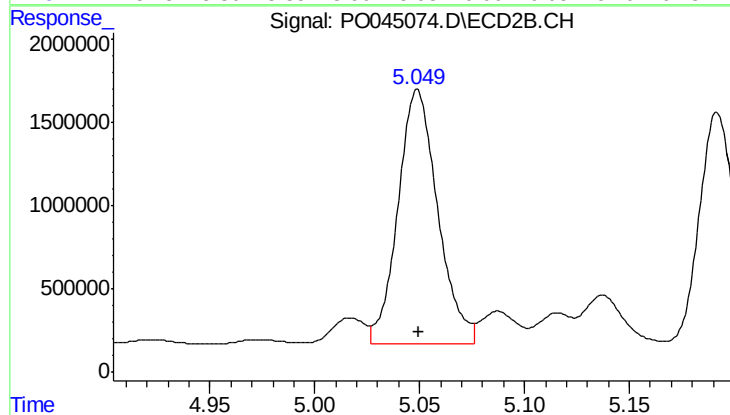
#22 AR-1248-2

R.T.: 4.853 min  
Delta R.T.: 0.000 min  
Response: 2002958  
Conc: 89.81 ng/ml



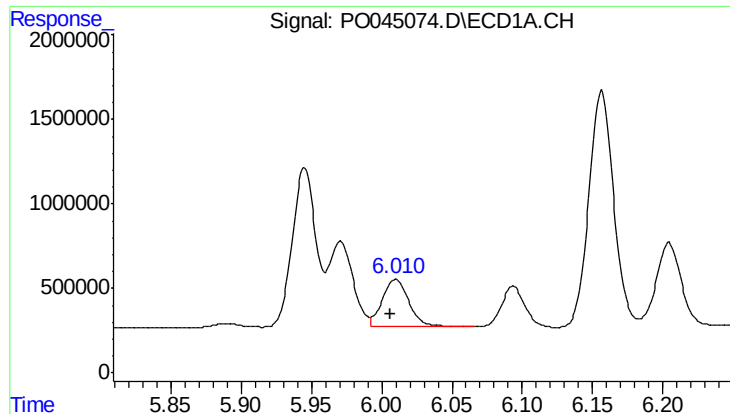
#23 AR-1248-3

R.T.: 5.945 min  
Delta R.T.: -0.024 min  
Response: 16934055  
Conc: 754.90 ng/ml



#23 AR-1248-3

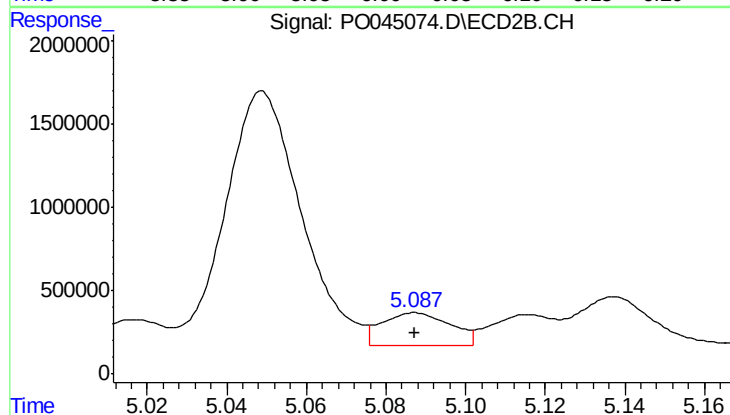
R.T.: 5.049 min  
Delta R.T.: 0.000 min  
Response: 20181411  
Conc: 563.29 ng/ml



#24 AR-1248-4

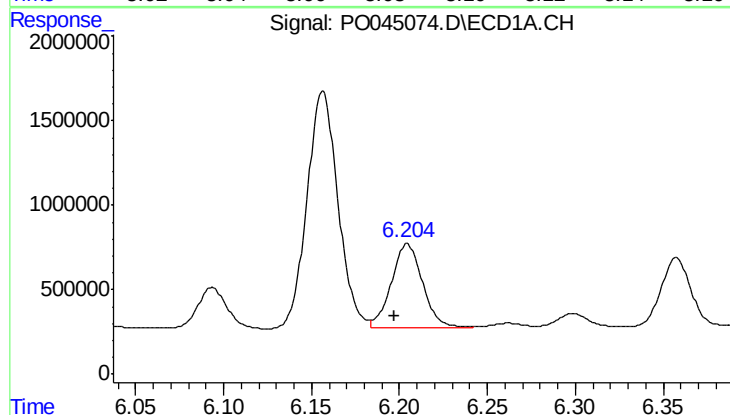
R.T.: 6.010 min  
Delta R.T.: 0.004 min  
Response: 3706409  
Conc: 164.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



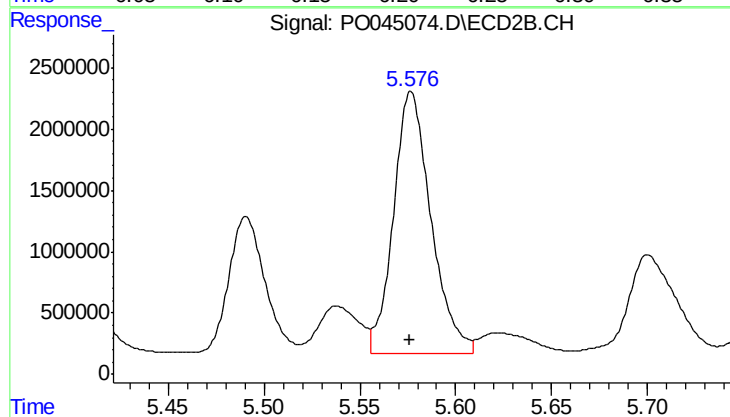
#24 AR-1248-4

R.T.: 5.087 min  
Delta R.T.: 0.000 min  
Response: 2382025  
Conc: 83.48 ng/ml



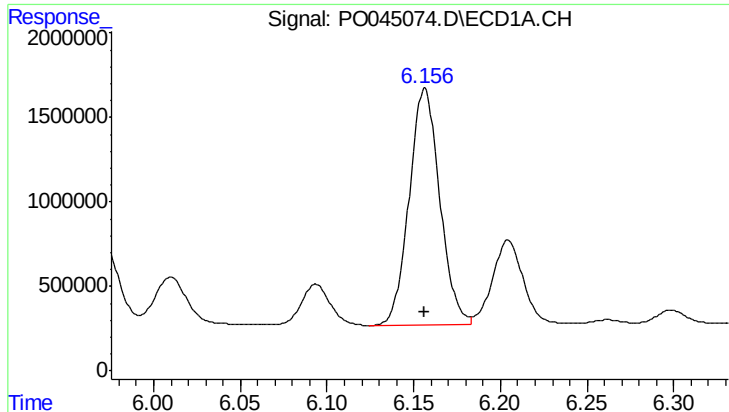
#25 AR-1248-5

R.T.: 6.205 min  
Delta R.T.: 0.007 min  
Response: 6215225  
Conc: 437.68 ng/ml



#25 AR-1248-5

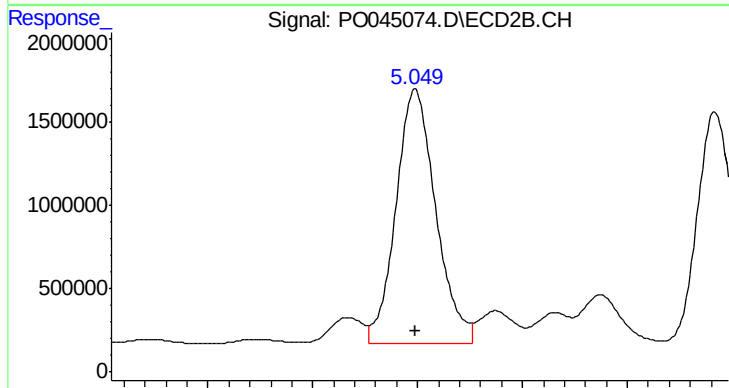
R.T.: 5.577 min  
Delta R.T.: 0.000 min  
Response: 28970050  
Conc: 1566.51 ng/ml



#26 AR-1254-1

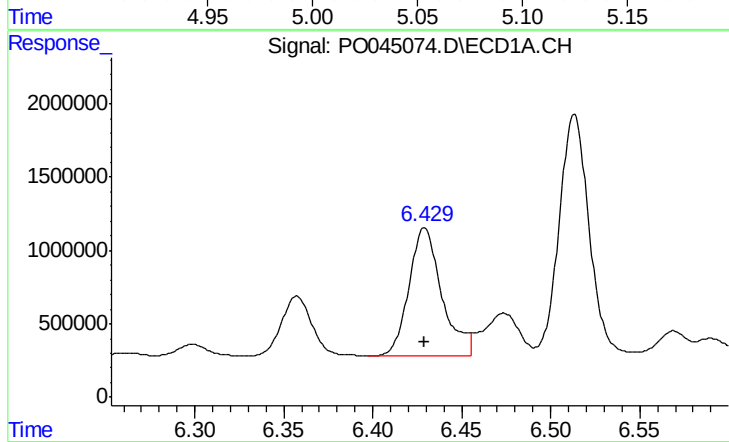
R.T.: 6.156 min  
Delta R.T.: 0.000 min  
Response: 17212392  
Conc: 500.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



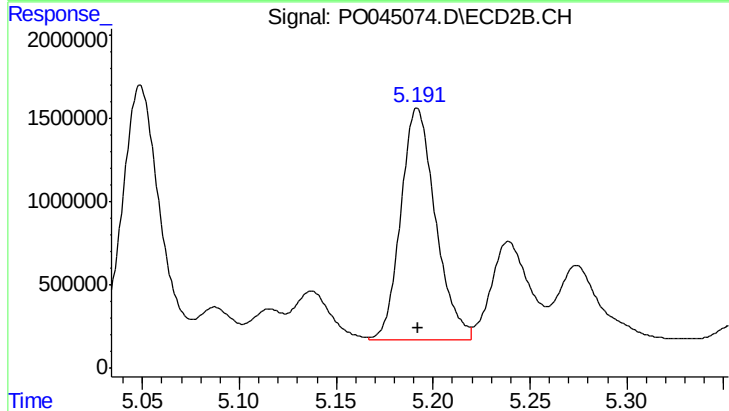
#26 AR-1254-1

R.T.: 5.049 min  
Delta R.T.: 0.000 min  
Response: 20181411  
Conc: 500.00 ng/ml



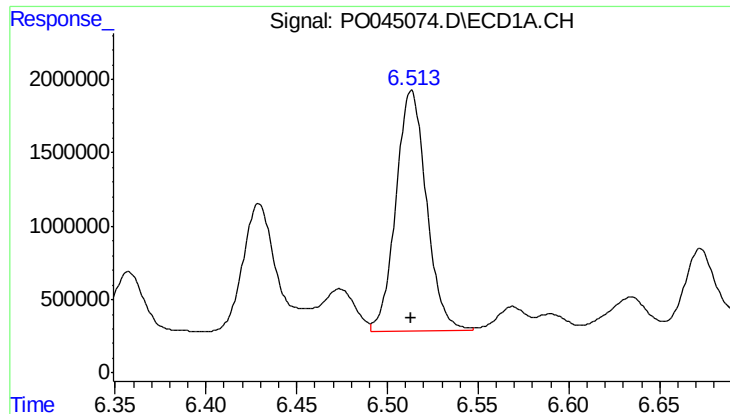
#27 AR-1254-2

R.T.: 6.429 min  
Delta R.T.: 0.000 min  
Response: 11218926  
Conc: 500.00 ng/ml



#27 AR-1254-2

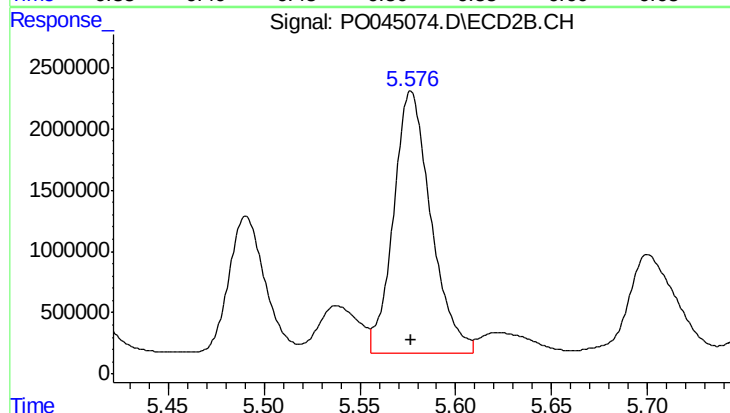
R.T.: 5.192 min  
Delta R.T.: 0.000 min  
Response: 17372390  
Conc: 500.00 ng/ml



#28 AR-1254-3

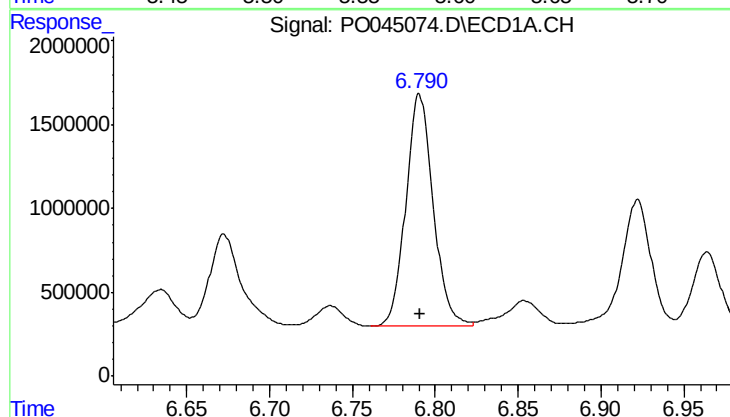
R.T.: 6.513 min  
Delta R.T.: 0.000 min  
Response: 19214422  
Conc: 500.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



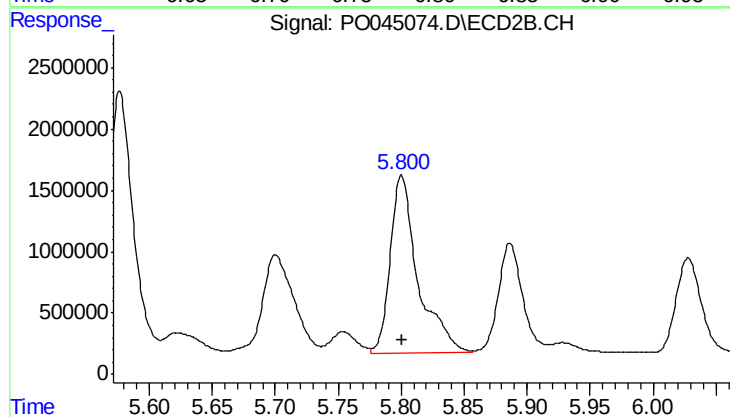
#28 AR-1254-3

R.T.: 5.577 min  
Delta R.T.: 0.000 min  
Response: 28970050  
Conc: 500.00 ng/ml



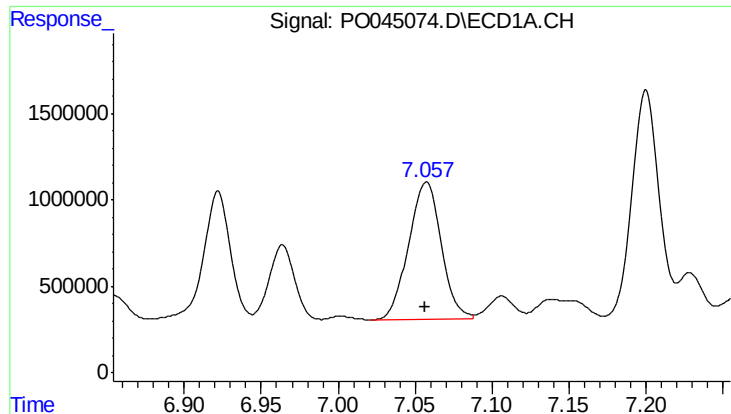
#29 AR-1254-4

R.T.: 6.791 min  
Delta R.T.: 0.000 min  
Response: 15958473  
Conc: 500.00 ng/ml



#29 AR-1254-4

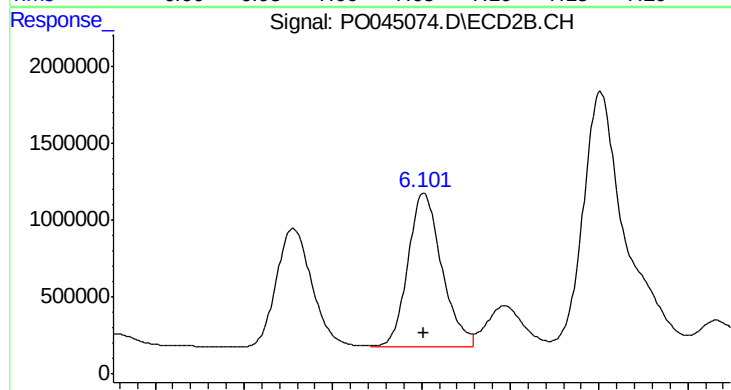
R.T.: 5.800 min  
Delta R.T.: 0.000 min  
Response: 22260444  
Conc: 500.00 ng/ml



#30 AR-1254-5

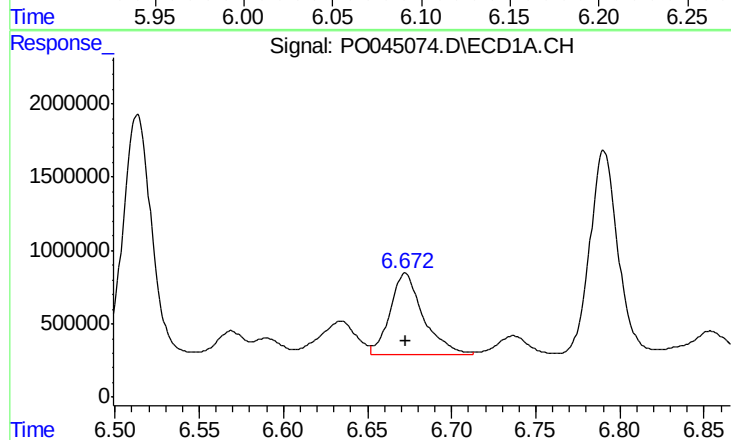
R.T.: 7.057 min  
Delta R.T.: 0.000 min  
Response: 11522050  
Conc: 500.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



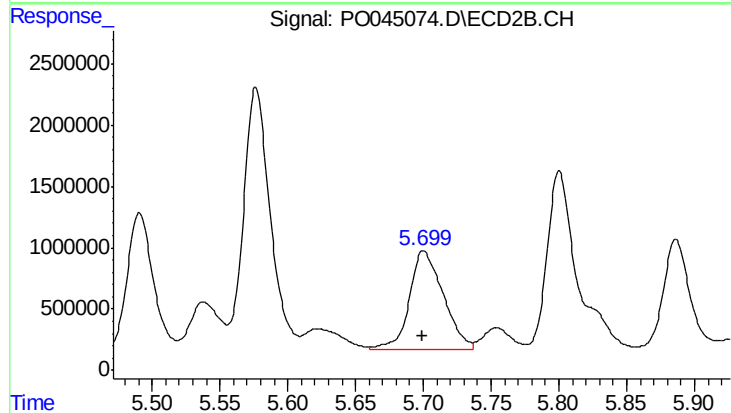
#30 AR-1254-5

R.T.: 6.101 min  
Delta R.T.: 0.000 min  
Response: 13204739  
Conc: 500.00 ng/ml



#31 AR-1260-1

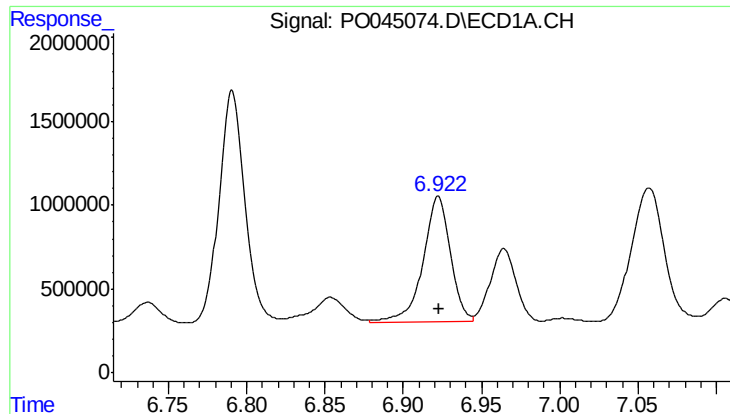
R.T.: 6.673 min  
Delta R.T.: 0.000 min  
Response: 7552208  
Conc: 325.19 ng/ml



#31 AR-1260-1

R.T.: 5.700 min  
Delta R.T.: 0.000 min  
Response: 13833211  
Conc: 449.30 ng/ml

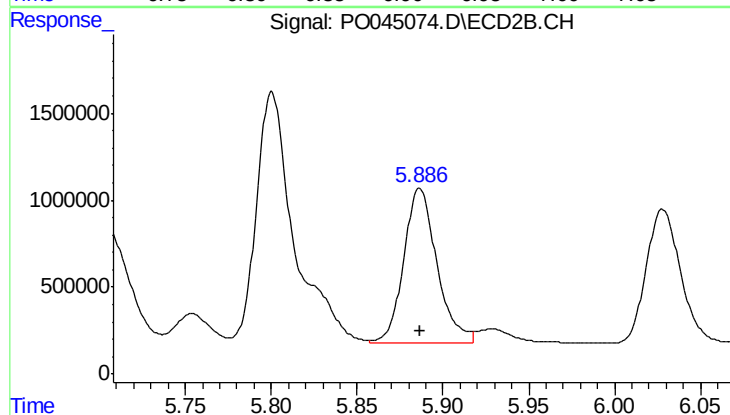




#32 AR-1260-2

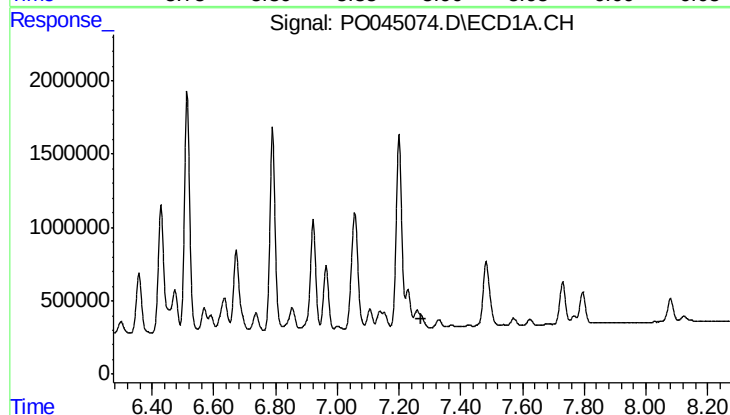
R.T.: 6.922 min  
Delta R.T.: -0.001 min  
Response: 9216349  
Conc: 303.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



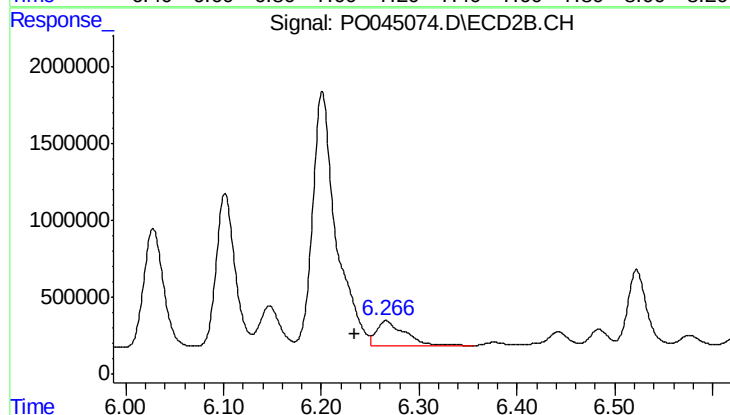
#32 AR-1260-2

R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 12082393  
Conc: 296.82 ng/ml



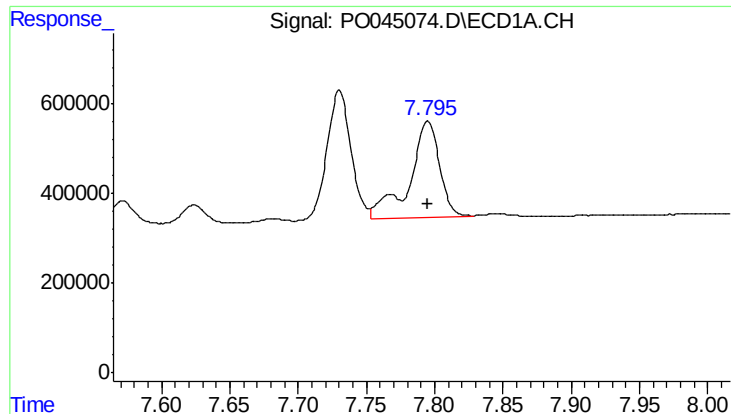
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.274 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

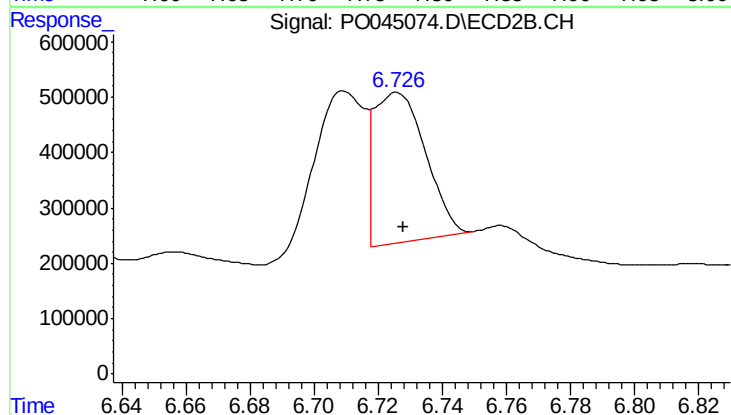
R.T.: 6.266 min  
Delta R.T.: 0.032 min  
Response: 3348358  
Conc: 92.69 ng/ml



#34 AR-1260-4

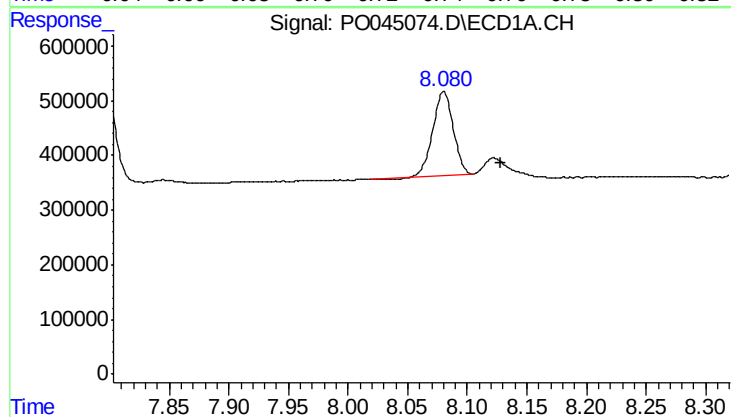
R.T.: 7.795 min  
Delta R.T.: 0.000 min  
Response: 3272994  
Conc: 52.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500



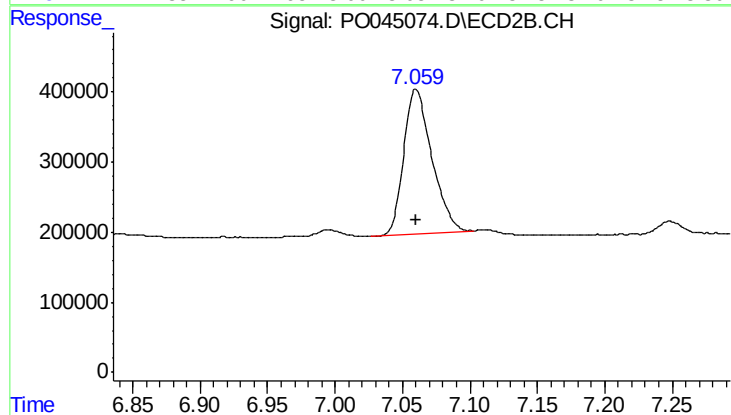
#34 AR-1260-4

R.T.: 6.726 min  
Delta R.T.: -0.002 min  
Response: 3046982  
Conc: 38.19 ng/ml



#35 AR-1260-5

R.T.: 8.080 min  
Delta R.T.: -0.048 min  
Response: 1817813  
Conc: 71.11 ng/ml



#35 AR-1260-5

R.T.: 7.060 min  
Delta R.T.: 0.000 min  
Response: 3000592  
Conc: 53.68 ng/ml