

Data Path : P:\HPCHEM1\ECD\_0\Data\P0052518\  
 Data File : P0045073.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 25 May 2018 12:35  
 Operator : SM/UA  
 Sample : AR1248ICC500  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1248ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 25 14:06:59 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0052518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri May 25 14:07:06 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...          | 3.999 | 3.267 | 37657219 | 44724154 | 61.854  | 64.810     |
| 2) SA Decachlor...          | 9.306 | 8.011 | 31646598 | 36556238 | 58.459  | 60.983     |
| Target Compounds            |       |       |          |          |         |            |
| 3) L1 AR-1016-1             | 4.863 | 4.079 | 3010740  | 3636392  | 249.338 | 271.863    |
| 4) L1 AR-1016-2             | 5.201 | 4.513 | 4034669  | 9929192  | 267.179 | 924.856 #  |
| 5) L1 AR-1016-3             | 5.295 | 4.551 | 4299679  | 10212171 | 349.651 | 791.014 #  |
| 6) L1 AR-1016-4             | 5.715 | 4.714 | 8232332  | 12389674 | 684.702 | 870.653 #  |
| 7) L1 AR-1016-5             | 5.942 | 5.050 | 8160277  | 17913776 | 730.176 | 1330.486 # |
| 9) L2 AR-1221-2             | 0.000 | 3.550 | 0        | 714204   | N.D.    | 74.840 #   |
| 10) L2 AR-1221-3            | 0.000 | 3.620 | 0        | 1119462  | N.D.    | 35.428 #   |
| 11) L3 AR-1232-1            | 0.000 | 3.620 | 0        | 1119462  | N.D.    | 77.864 #   |
| 12) L3 AR-1232-2            | 5.121 | 4.301 | 6138774  | 17669933 | 698.226 | 627.428    |
| 13) L3 AR-1232-3            | 5.141 | 4.358 | 8297942  | 5296159  | 566.579 | 485.672    |
| 14) L3 AR-1232-4            | 5.201 | 4.551 | 4034669  | 10212171 | 468.290 | 1413.806 # |
| 15) L3 AR-1232-5            | 5.295 | 4.714 | 4299679  | 12389674 | 619.885 | 1556.884 # |
| 16) L4 AR-1242-1            | 4.706 | 4.079 | 1485196  | 3636392  | 212.911 | 254.777    |
| 17) L4 AR-1242-2            | 5.141 | 4.301 | 8297942  | 17669933 | 332.309 | 357.904    |
| 18) L4 AR-1242-3            | 5.295 | 4.513 | 4299679  | 9929192  | 357.793 | 915.292 #  |
| 19) L4 AR-1242-4            | 5.580 | 4.551 | 9426393  | 10212171 | 839.340 | 747.557    |
| 20) L4 AR-1242-5            | 5.715 | 4.714 | 8232332  | 12389674 | 646.529 | 836.992 #  |
| 21) L5 AR-1248-1            | 5.580 | 4.714 | 9426393  | 12389674 | 500.000 | 500.000    |
| 22) L5 AR-1248-2            | 5.715 | 4.852 | 8232332  | 11150829 | 500.000 | 500.000    |
| 23) L5 AR-1248-3            | 5.969 | 5.050 | 11216085 | 17913776 | 500.000 | 500.000    |
| 24) L5 AR-1248-4            | 6.006 | 5.087 | 11295824 | 14267676 | 500.000 | 500.000    |
| 25) L5 AR-1248-5            | 6.197 | 5.576 | 7100138  | 9246672  | 500.000 | 500.000    |
| 31) L7 AR-1260-1            | 6.632 | 5.712 | 2169171  | 4468839  | 93.403  | 145.147 #  |
| 32) L7 AR-1260-2            | 0.000 | 5.887 | 0        | 1322204  | N.D.    | 32.482 #   |
| 33) L7 AR-1260-3            | 0.000 | 6.227 | 0        | 385811   | N.D.    | 10.680 #   |
| 34) L7 AR-1260-4            | 0.000 | 6.727 | 0        | 979056   | N.D.    | 12.271 #   |
| 35) L7 AR-1260-5            | 0.000 | 7.060 | 0        | 539622   | N.D.    | 9.653 #    |
| -----                       |       |       |          |          |         |            |

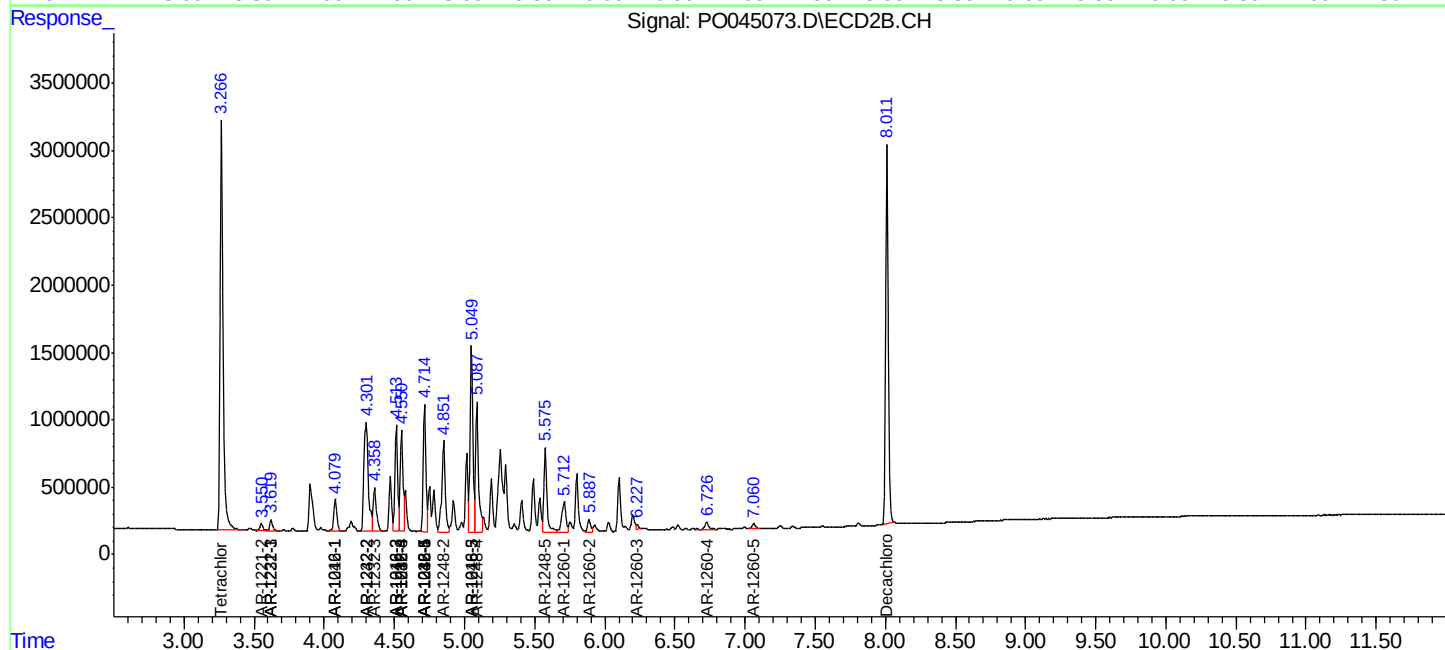
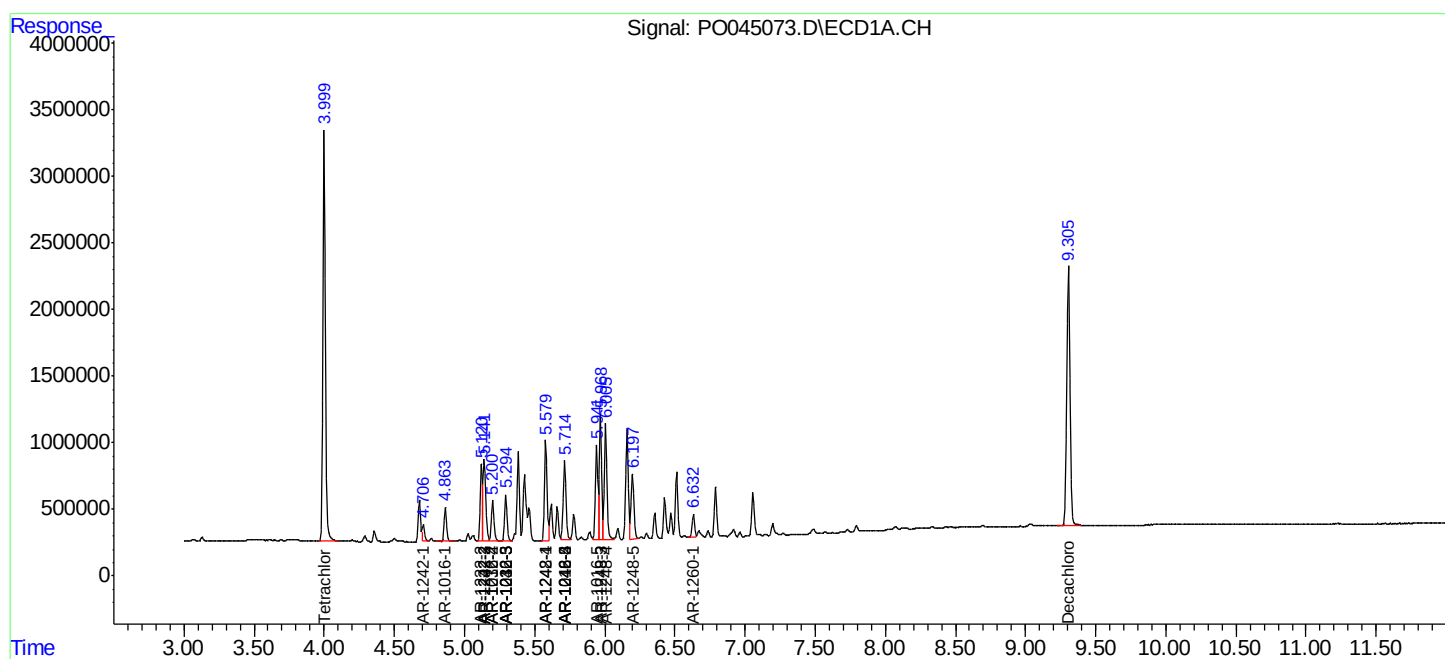
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

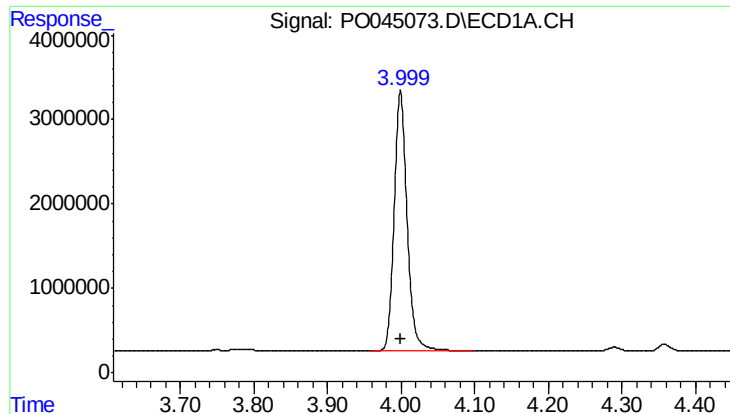
Data Path : P:\HPCHEM1\ECD\_0\Data\PO052518\  
Data File : PO045073.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 25 May 2018 12:35  
Operator : SM/UA  
Sample : AR1248ICC500  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 25 14:06:59 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO052518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri May 25 14:07:06 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

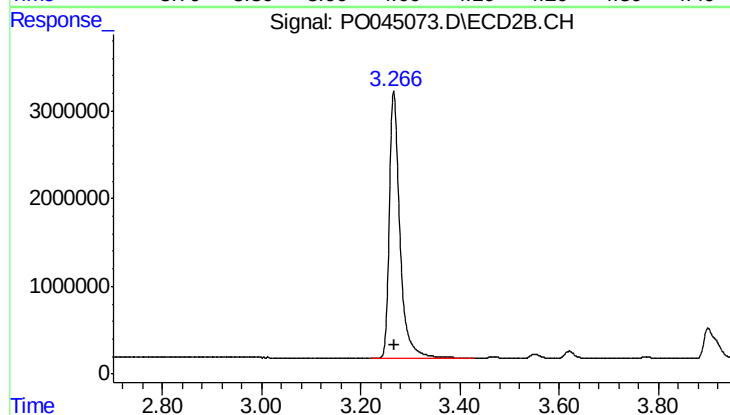




#1 Tetrachloro-m-xylene

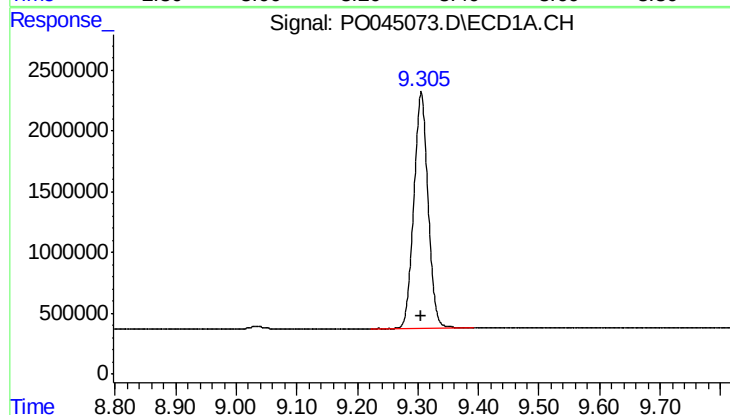
R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 37657219  
Conc: 61.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



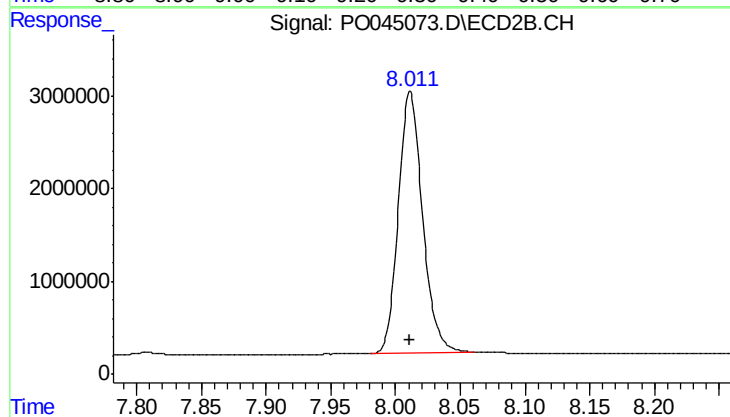
#1 Tetrachloro-m-xylene

R.T.: 3.267 min  
Delta R.T.: 0.000 min  
Response: 44724154  
Conc: 64.81 ng/ml



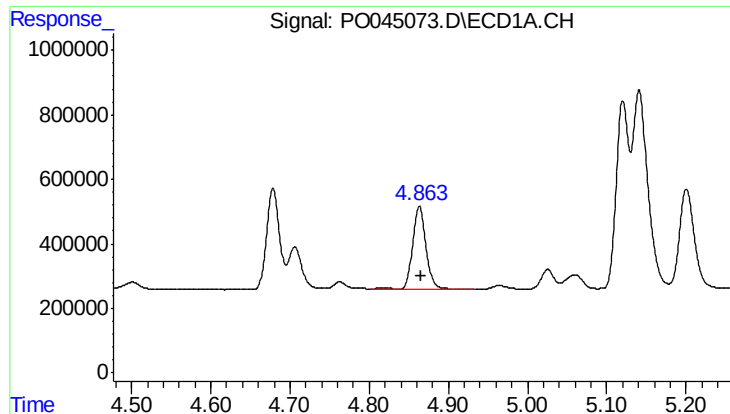
#2 Decachlorobiphenyl

R.T.: 9.306 min  
Delta R.T.: 0.000 min  
Response: 31646598  
Conc: 58.46 ng/ml



#2 Decachlorobiphenyl

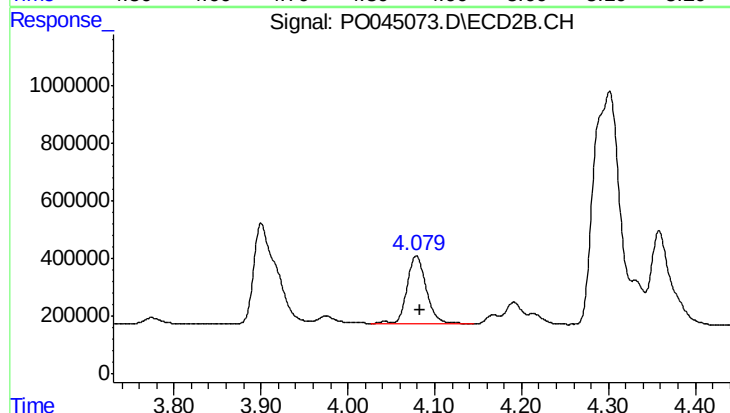
R.T.: 8.011 min  
Delta R.T.: 0.000 min  
Response: 36556238  
Conc: 60.98 ng/ml



#3 AR-1016-1

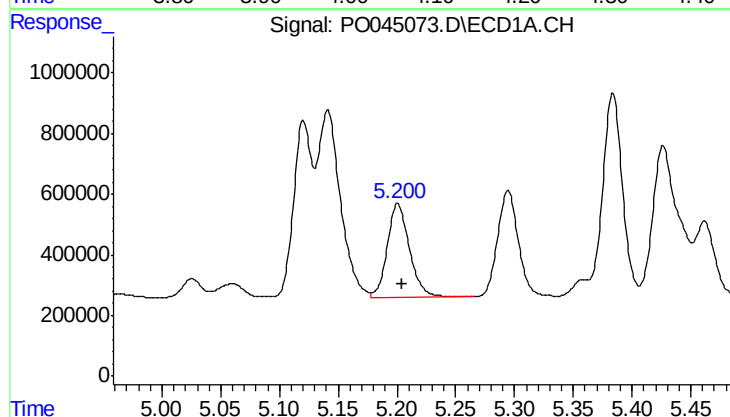
R.T.: 4.863 min  
Delta R.T.: -0.003 min  
Response: 3010740  
Conc: 249.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



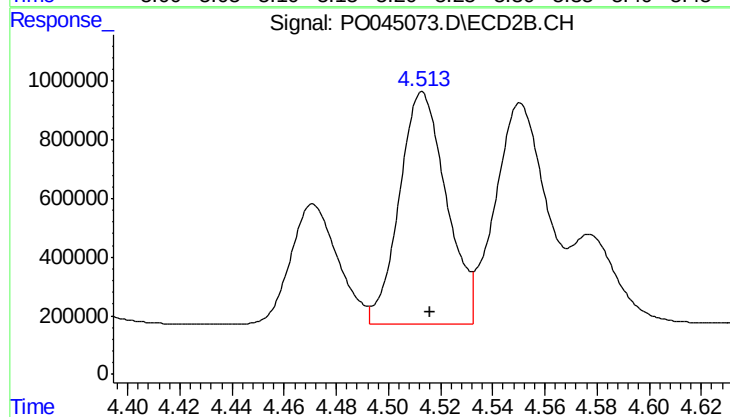
#3 AR-1016-1

R.T.: 4.079 min  
Delta R.T.: -0.004 min  
Response: 3636392  
Conc: 271.86 ng/ml



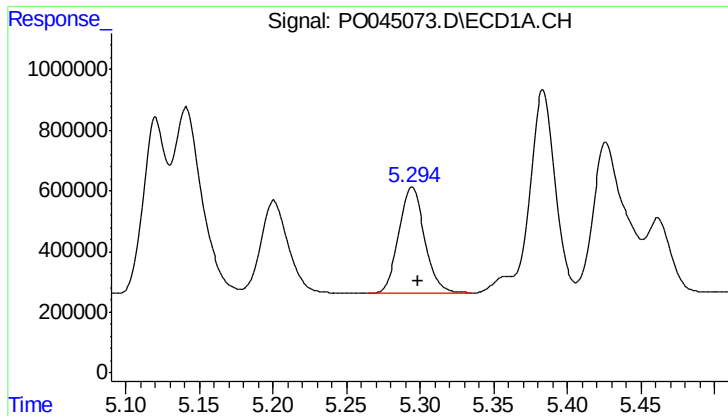
#4 AR-1016-2

R.T.: 5.201 min  
Delta R.T.: -0.003 min  
Response: 4034669  
Conc: 267.18 ng/ml



#4 AR-1016-2

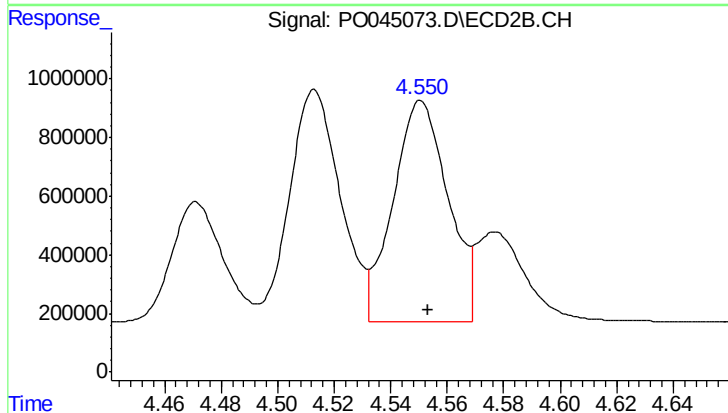
R.T.: 4.513 min  
Delta R.T.: -0.003 min  
Response: 9929192  
Conc: 924.86 ng/ml



#5 AR-1016-3

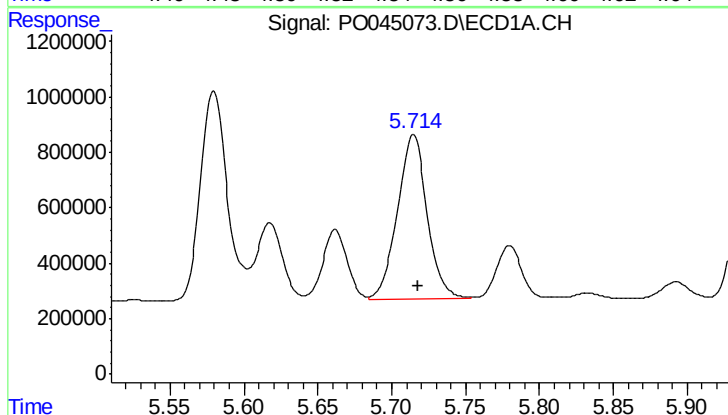
R.T.: 5.295 min  
Delta R.T.: -0.004 min  
Response: 4299679  
Conc: 349.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



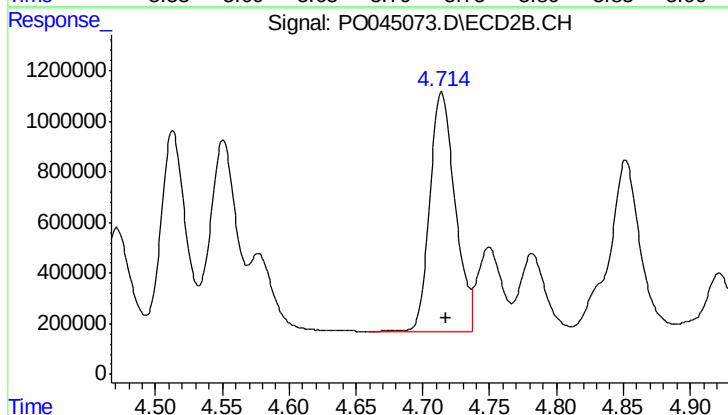
#5 AR-1016-3

R.T.: 4.551 min  
Delta R.T.: -0.003 min  
Response: 10212171  
Conc: 791.01 ng/ml



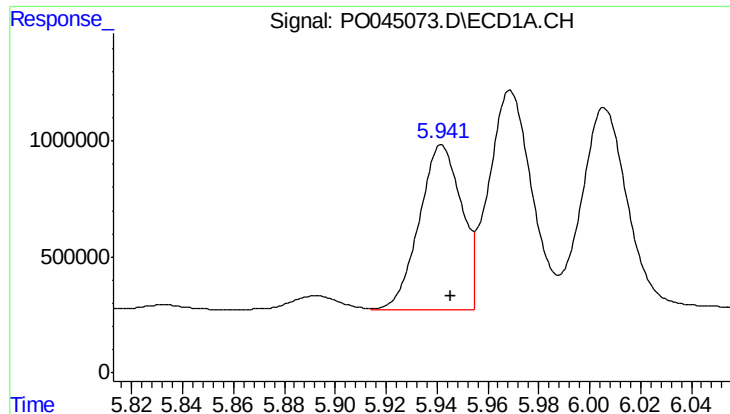
#6 AR-1016-4

R.T.: 5.715 min  
Delta R.T.: -0.003 min  
Response: 8232332  
Conc: 684.70 ng/ml



#6 AR-1016-4

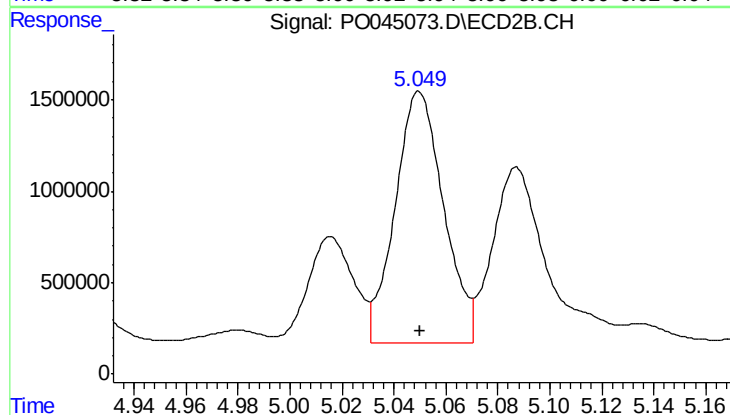
R.T.: 4.714 min  
Delta R.T.: -0.003 min  
Response: 12389674  
Conc: 870.65 ng/ml



#7 AR-1016-5

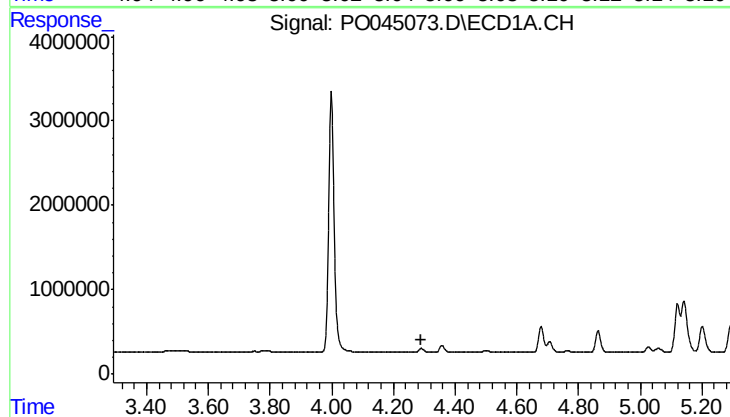
R.T.: 5.942 min  
Delta R.T.: -0.004 min  
Response: 8160277  
Conc: 730.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



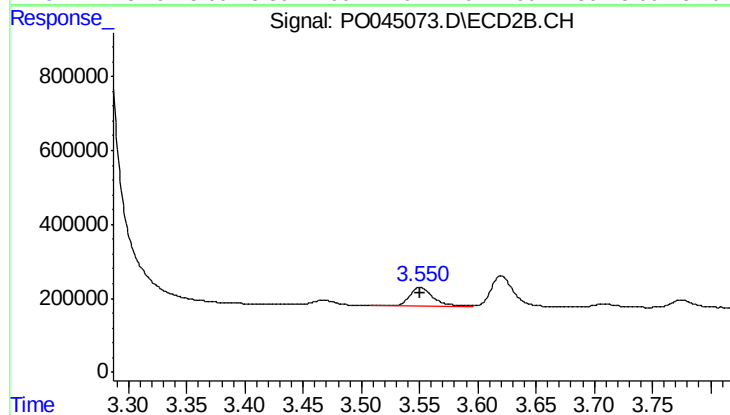
#7 AR-1016-5

R.T.: 5.050 min  
Delta R.T.: 0.000 min  
Response: 17913776  
Conc: 1330.49 ng/ml



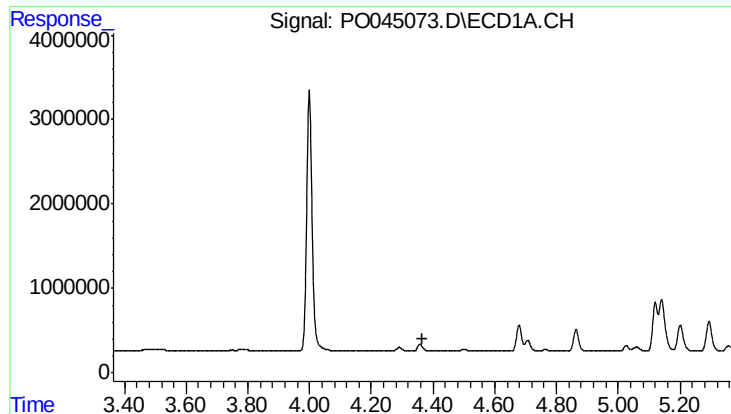
#9 AR-1221-2

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



#9 AR-1221-2

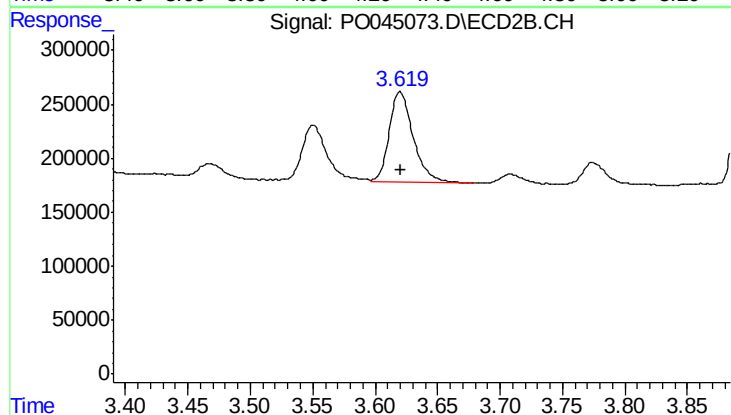
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 714204  
Conc: 74.84 ng/ml



#10 AR-1221-3

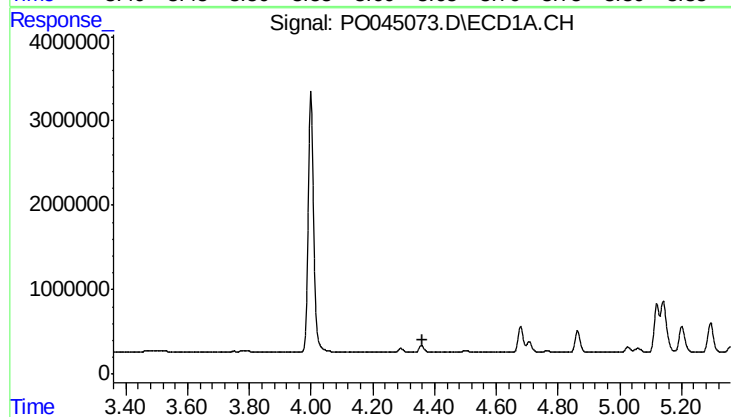
R.T.: 0.000 min  
Exp R.T.: 4.364 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



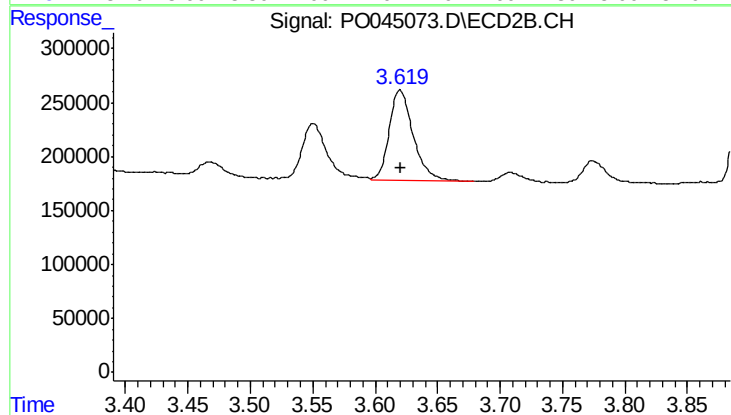
#10 AR-1221-3

R.T.: 3.620 min  
Delta R.T.: -0.001 min  
Response: 1119462  
Conc: 35.43 ng/ml



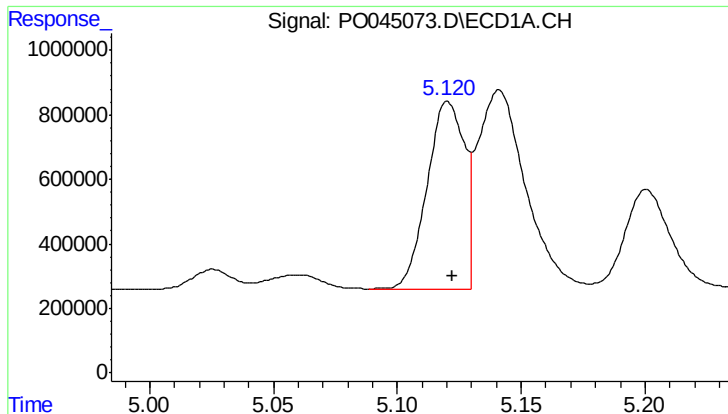
#11 AR-1232-1

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



#11 AR-1232-1

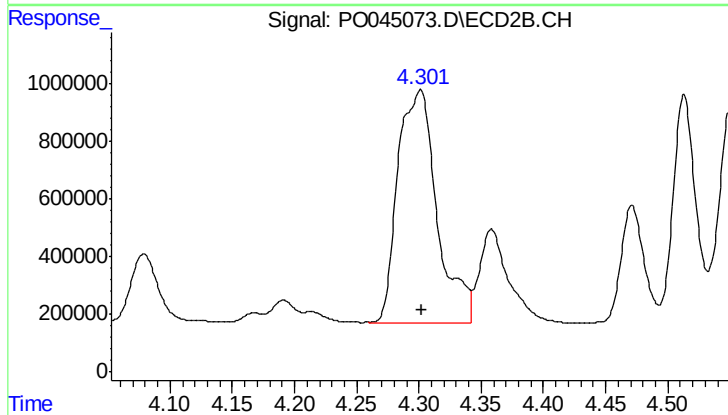
R.T.: 3.620 min  
Delta R.T.: 0.000 min  
Response: 1119462  
Conc: 77.86 ng/ml



#12 AR-1232-2

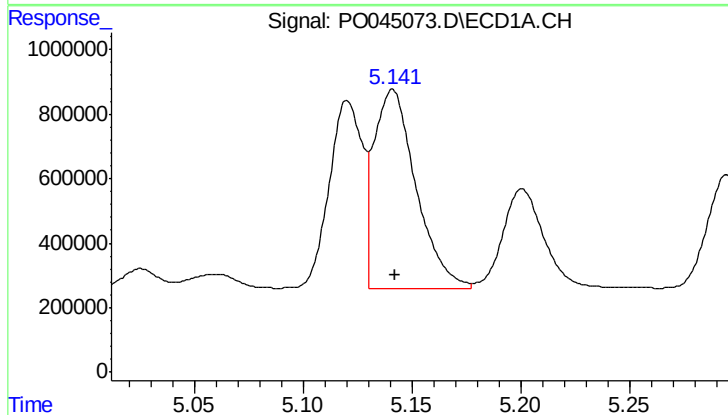
R.T.: 5.121 min  
Delta R.T.: -0.002 min  
Response: 6138774  
Conc: 698.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



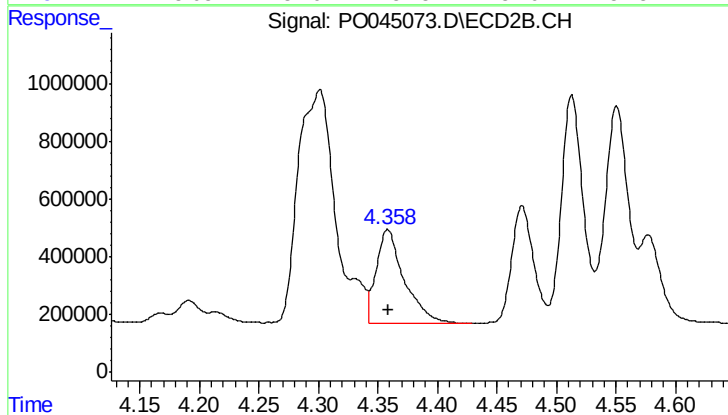
#12 AR-1232-2

R.T.: 4.301 min  
Delta R.T.: -0.001 min  
Response: 17669933  
Conc: 627.43 ng/ml



#13 AR-1232-3

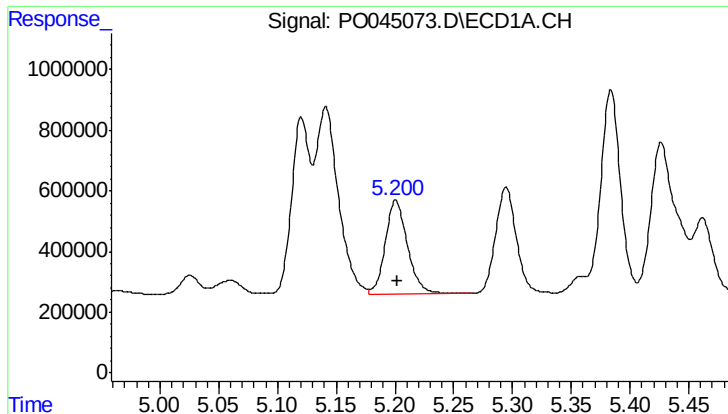
R.T.: 5.141 min  
Delta R.T.: -0.001 min  
Response: 8297942  
Conc: 566.58 ng/ml



#13 AR-1232-3

R.T.: 4.358 min  
Delta R.T.: -0.001 min  
Response: 5296159  
Conc: 485.67 ng/ml

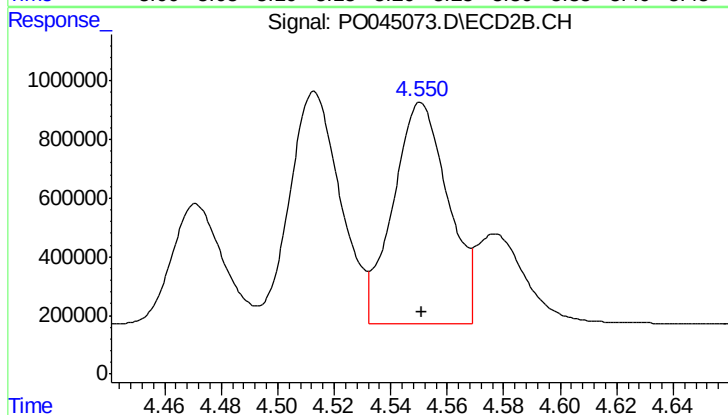




#14 AR-1232-4

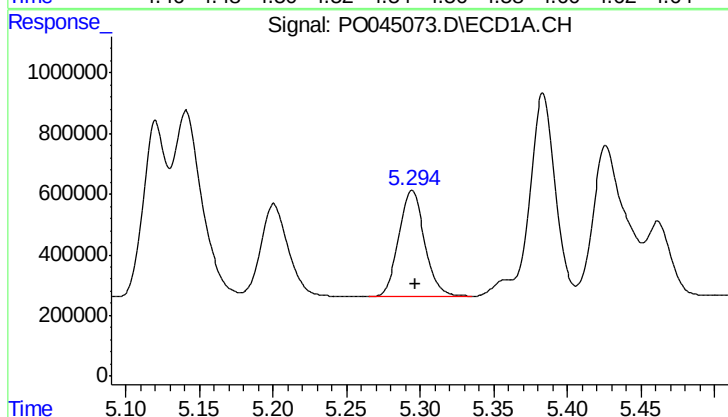
R.T.: 5.201 min  
Delta R.T.: -0.002 min  
Response: 4034669  
Conc: 468.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



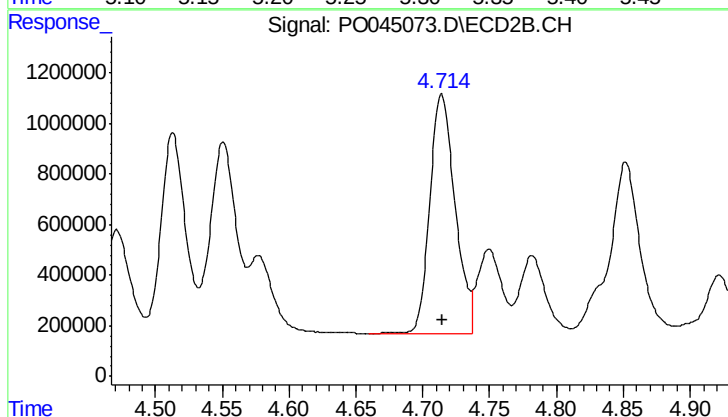
#14 AR-1232-4

R.T.: 4.551 min  
Delta R.T.: 0.000 min  
Response: 10212171  
Conc: 1413.81 ng/ml



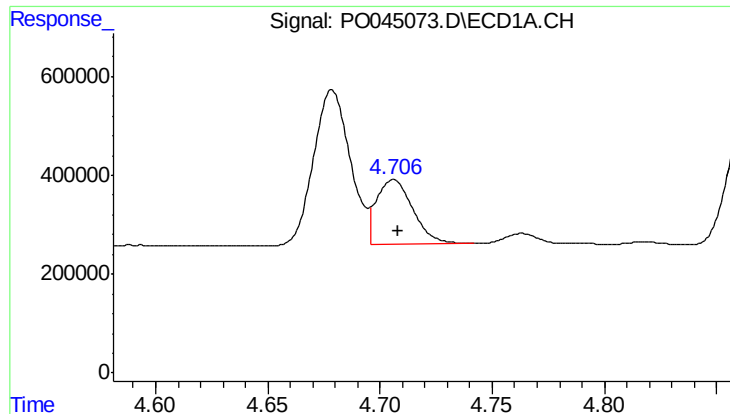
#15 AR-1232-5

R.T.: 5.295 min  
Delta R.T.: -0.002 min  
Response: 4299679  
Conc: 619.89 ng/ml



#15 AR-1232-5

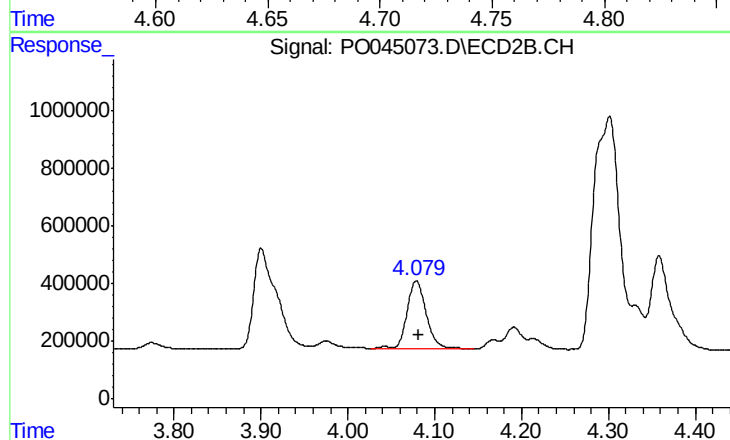
R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 12389674  
Conc: 1556.88 ng/ml



#16 AR-1242-1

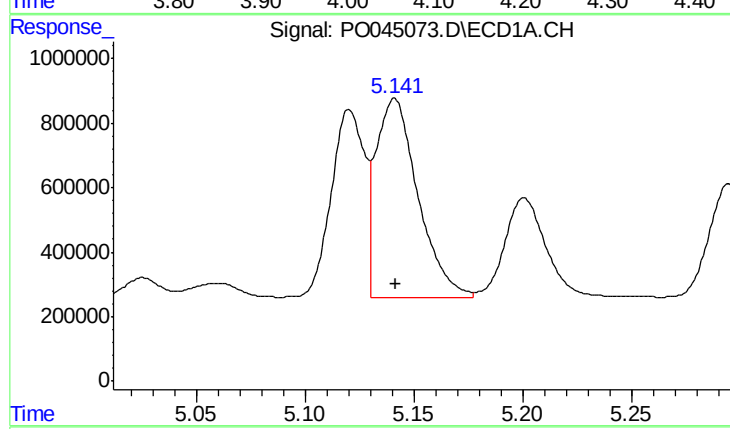
R.T.: 4.706 min  
Delta R.T.: -0.002 min  
Response: 1485196  
Conc: 212.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



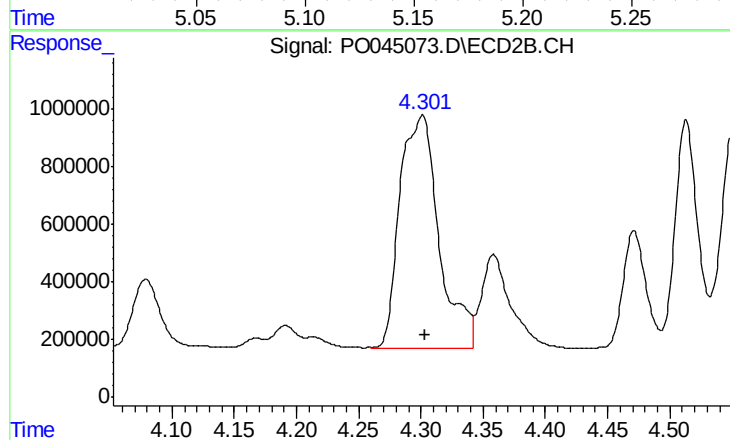
#16 AR-1242-1

R.T.: 4.079 min  
Delta R.T.: -0.002 min  
Response: 3636392  
Conc: 254.78 ng/ml



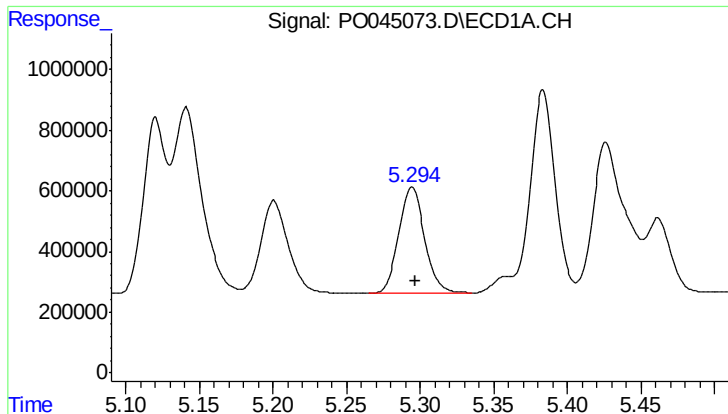
#17 AR-1242-2

R.T.: 5.141 min  
Delta R.T.: 0.000 min  
Response: 8297942  
Conc: 332.31 ng/ml



#17 AR-1242-2

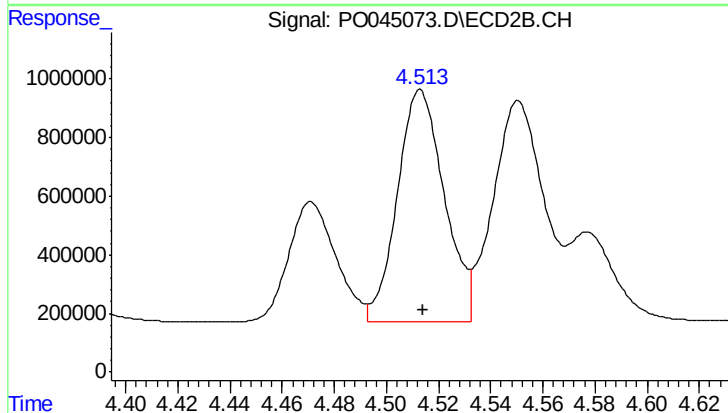
R.T.: 4.301 min  
Delta R.T.: -0.002 min  
Response: 17669933  
Conc: 357.90 ng/ml



#18 AR-1242-3

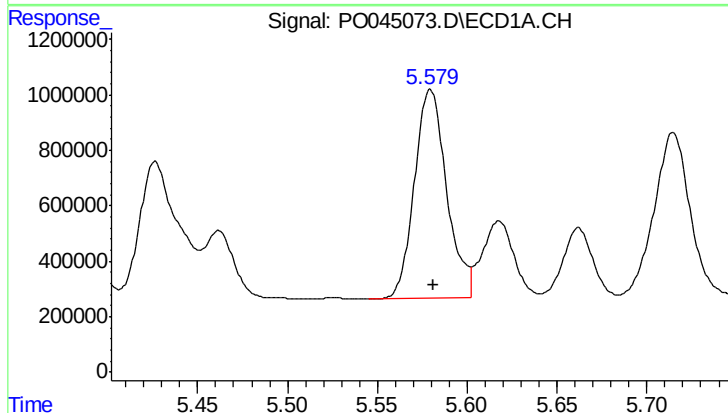
R.T.: 5.295 min  
Delta R.T.: -0.003 min  
Response: 4299679  
Conc: 357.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



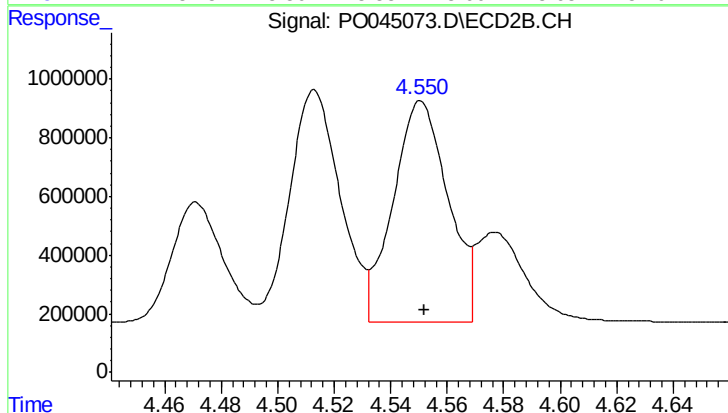
#18 AR-1242-3

R.T.: 4.513 min  
Delta R.T.: 0.000 min  
Response: 9929192  
Conc: 915.29 ng/ml



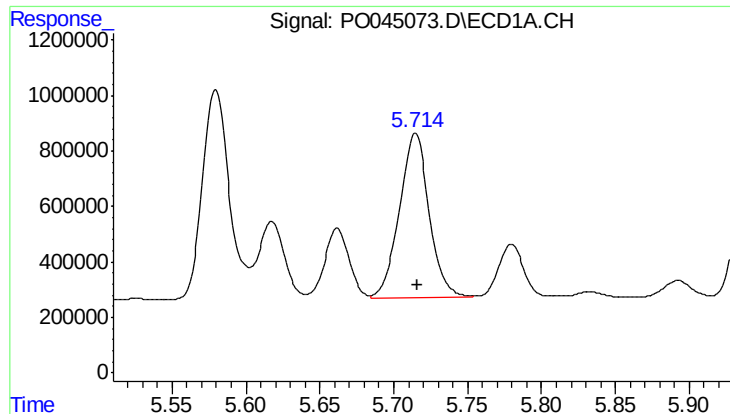
#19 AR-1242-4

R.T.: 5.580 min  
Delta R.T.: -0.001 min  
Response: 9426393  
Conc: 839.34 ng/ml



#19 AR-1242-4

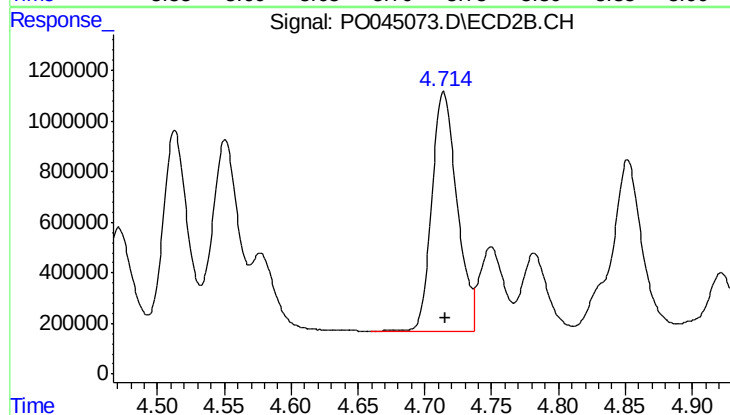
R.T.: 4.551 min  
Delta R.T.: -0.001 min  
Response: 10212171  
Conc: 747.56 ng/ml



#20 AR-1242-5

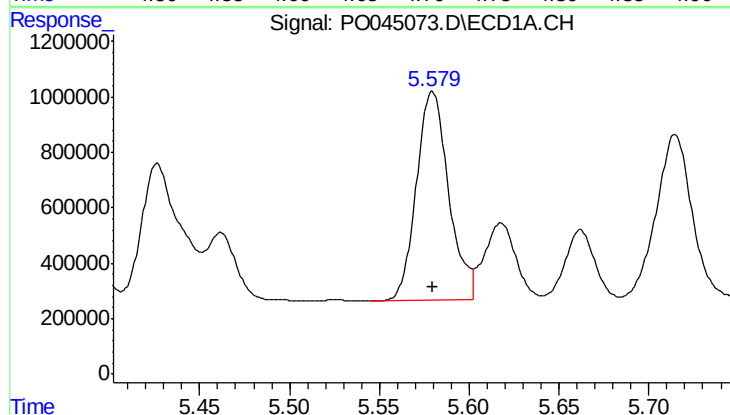
R.T.: 5.715 min  
Delta R.T.: -0.002 min  
Response: 8232332  
Conc: 646.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



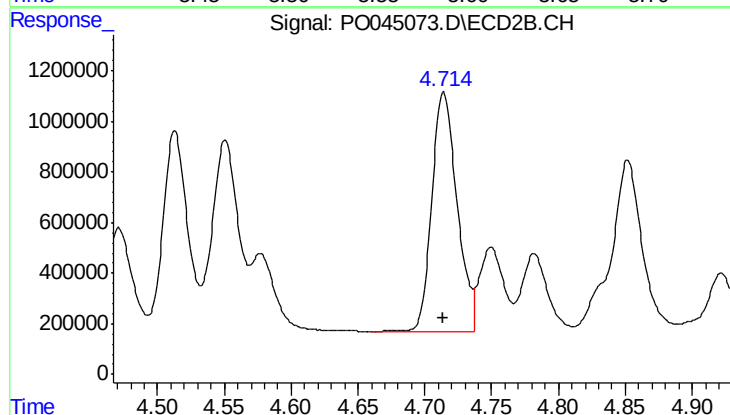
#20 AR-1242-5

R.T.: 4.714 min  
Delta R.T.: -0.001 min  
Response: 12389674  
Conc: 836.99 ng/ml



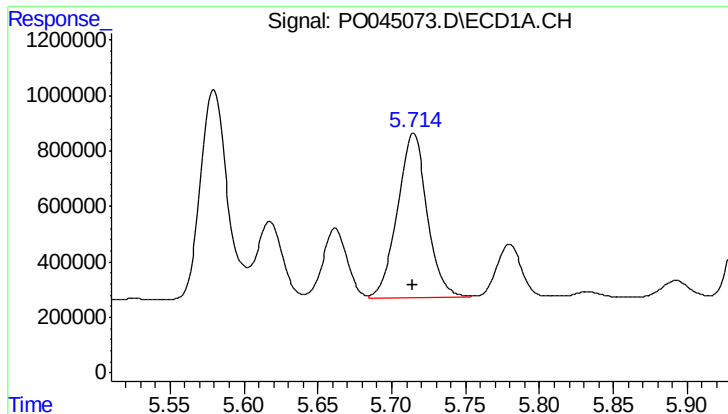
#21 AR-1248-1

R.T.: 5.580 min  
Delta R.T.: 0.000 min  
Response: 9426393  
Conc: 500.00 ng/ml



#21 AR-1248-1

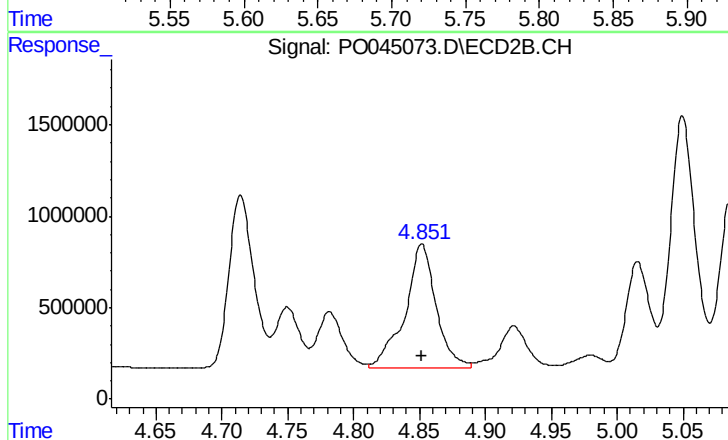
R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 12389674  
Conc: 500.00 ng/ml



#22 AR-1248-2

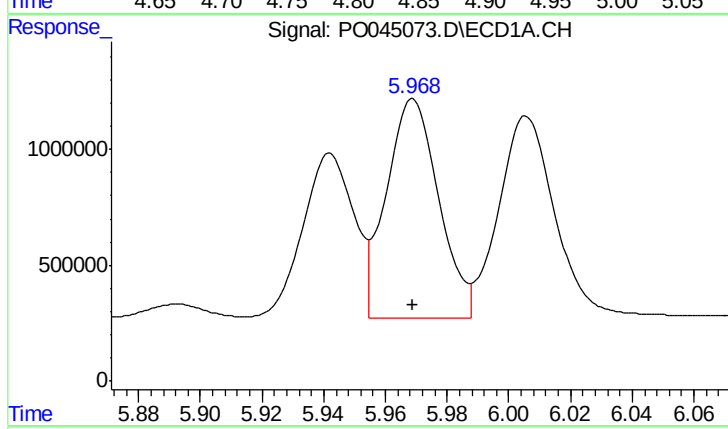
R.T.: 5.715 min  
Delta R.T.: 0.000 min  
Response: 8232332  
Conc: 500.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



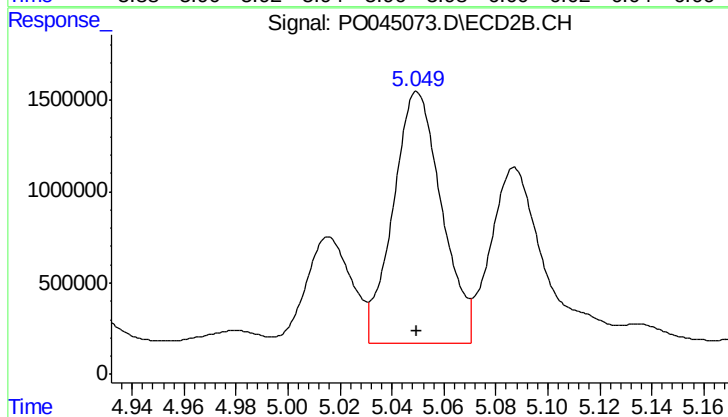
#22 AR-1248-2

R.T.: 4.852 min  
Delta R.T.: 0.000 min  
Response: 11150829  
Conc: 500.00 ng/ml



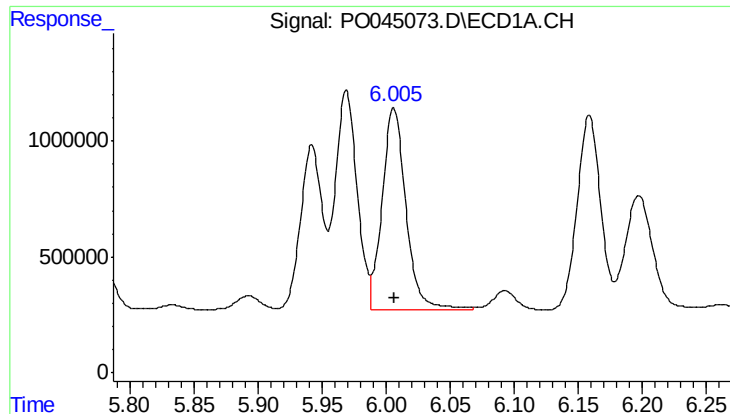
#23 AR-1248-3

R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 11216085  
Conc: 500.00 ng/ml



#23 AR-1248-3

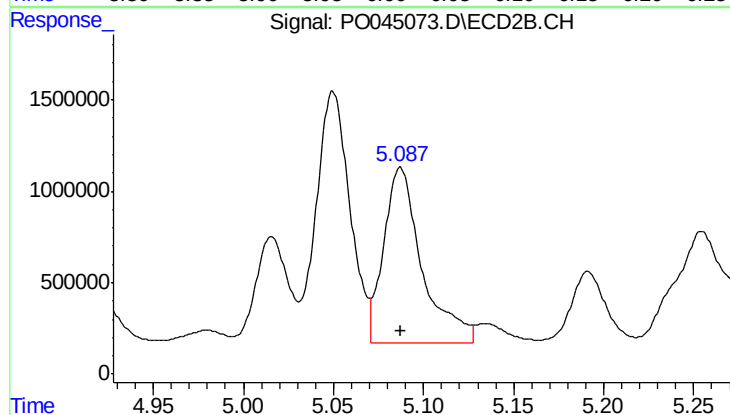
R.T.: 5.050 min  
Delta R.T.: 0.000 min  
Response: 17913776  
Conc: 500.00 ng/ml



#24 AR-1248-4

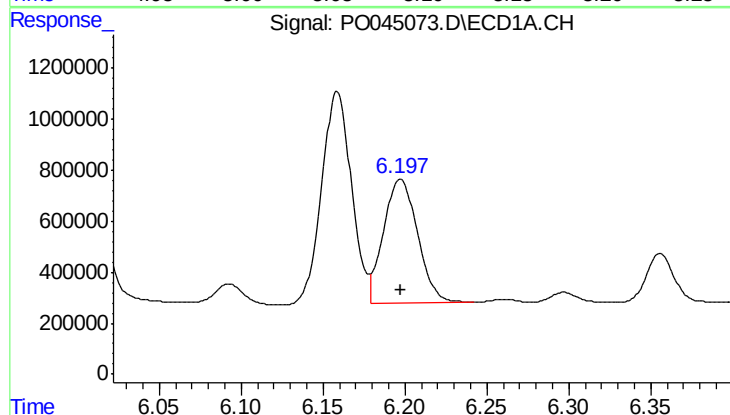
R.T.: 6.006 min  
Delta R.T.: 0.000 min  
Response: 11295824  
Conc: 500.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



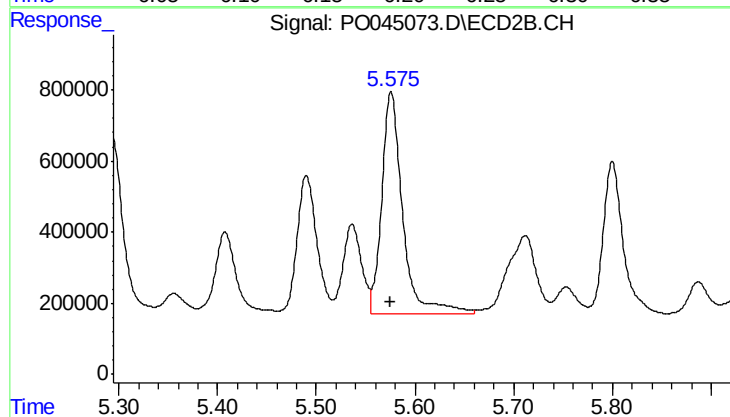
#24 AR-1248-4

R.T.: 5.087 min  
Delta R.T.: 0.000 min  
Response: 14267676  
Conc: 500.00 ng/ml



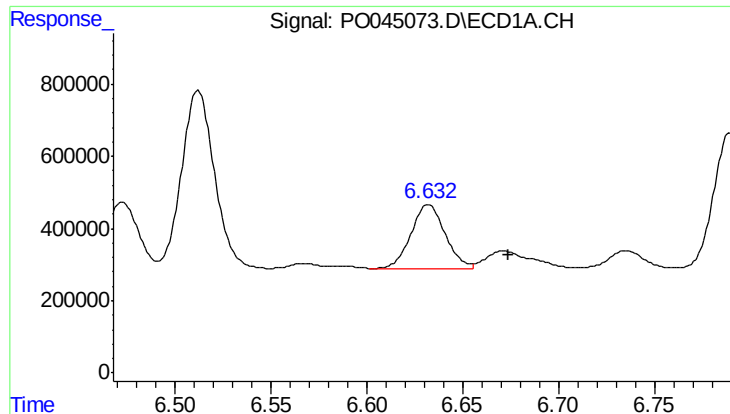
#25 AR-1248-5

R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 7100138  
Conc: 500.00 ng/ml



#25 AR-1248-5

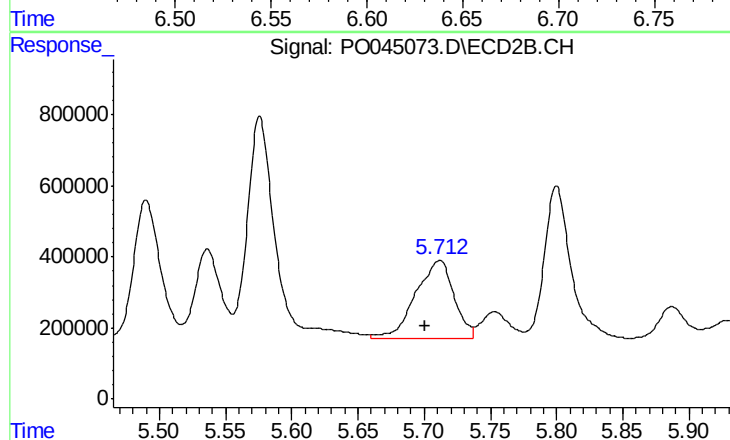
R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 9246672  
Conc: 500.00 ng/ml



#31 AR-1260-1

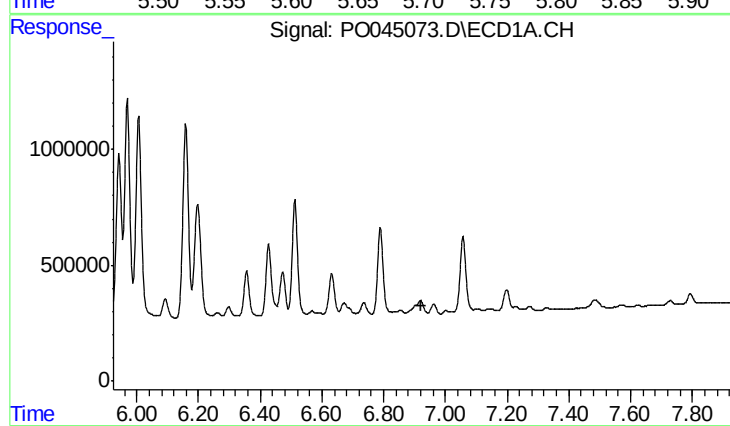
R.T.: 6.632 min  
Delta R.T.: -0.042 min  
Response: 2169171  
Conc: 93.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



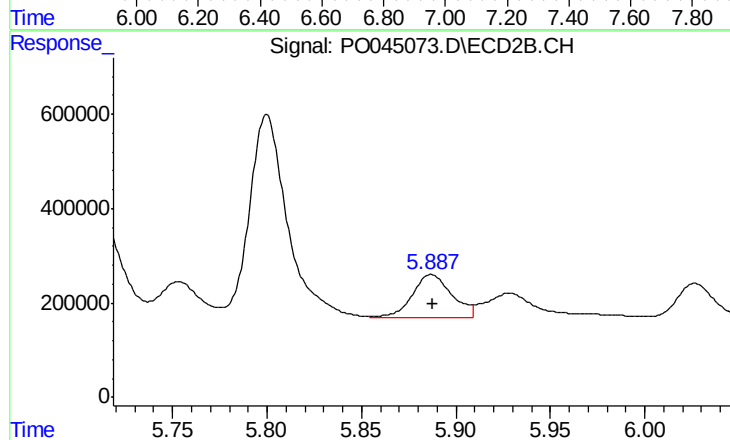
#31 AR-1260-1

R.T.: 5.712 min  
Delta R.T.: 0.011 min  
Response: 4468839  
Conc: 145.15 ng/ml



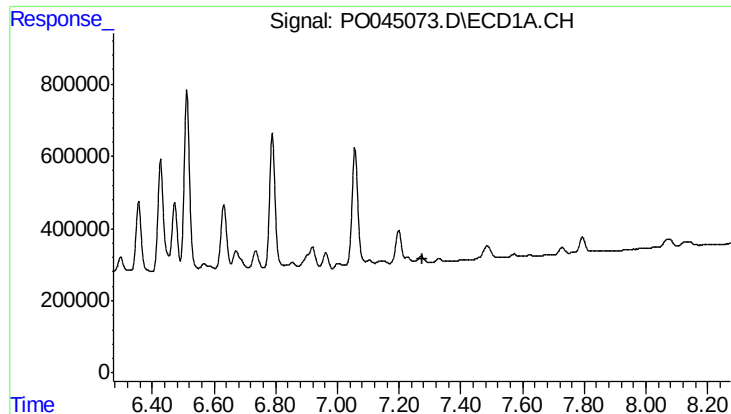
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 6.924 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

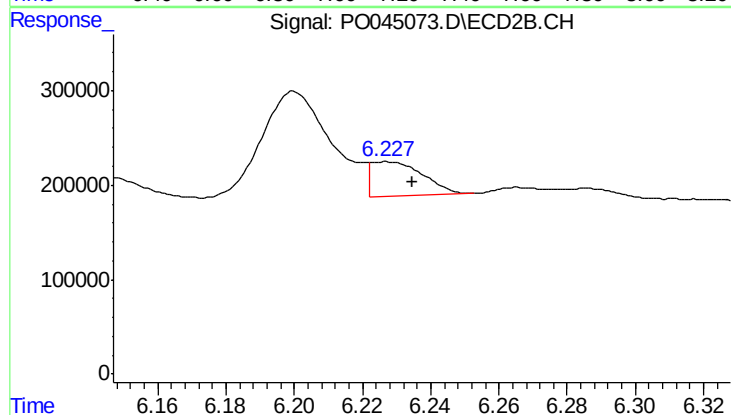
R.T.: 5.887 min  
Delta R.T.: 0.000 min  
Response: 1322204  
Conc: 32.48 ng/ml



#33 AR-1260-3

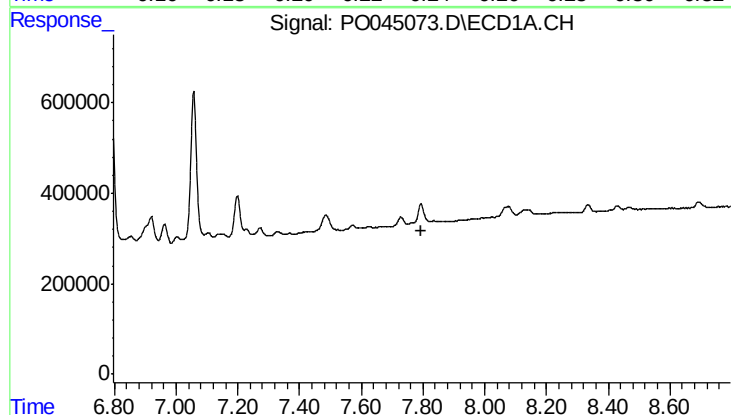
R.T.: 0.000 min  
Exp R.T.: 7.274 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



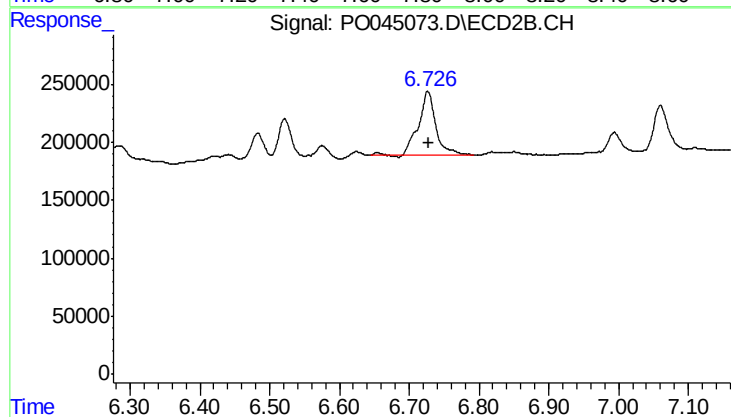
#33 AR-1260-3

R.T.: 6.227 min  
Delta R.T.: -0.007 min  
Response: 385811  
Conc: 10.68 ng/ml



#34 AR-1260-4

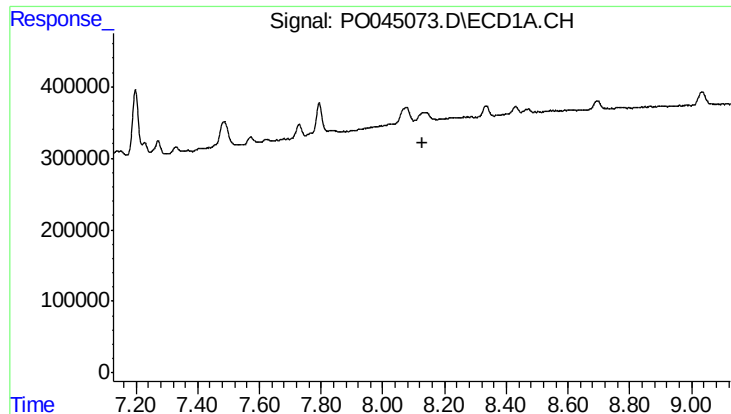
R.T.: 0.000 min  
Exp R.T.: 7.797 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

R.T.: 6.727 min  
Delta R.T.: -0.002 min  
Response: 979056  
Conc: 12.27 ng/ml

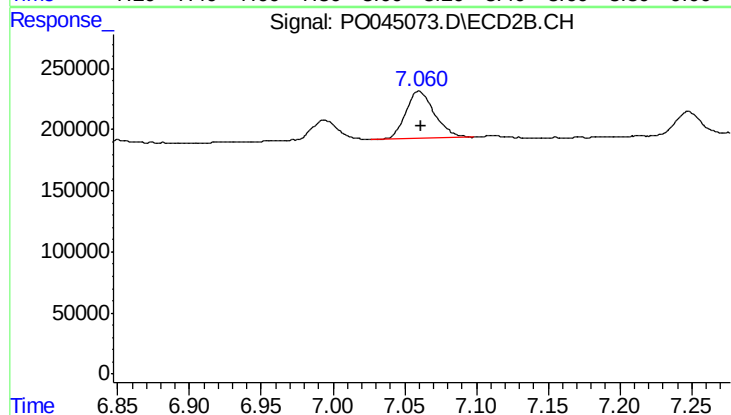




#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.127 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500



#35 AR-1260-5

R.T.: 7.060 min  
Delta R.T.: -0.001 min  
Response: 539622  
Conc: 9.65 ng/ml