

Data Path : P:\HPCHEM1\ECD\_0\Data\P0052918\  
 Data File : P0045175.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 May 2018 8:25  
 Operator : SM/UA  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 29 09:09:18 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0052518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat May 26 01:36:04 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... | 4.008 | 3.277 | 10436498 | 12730340 | 17.946 | 19.882    |
| 2)                          | SA Decachlor... | 9.298 | 8.006 | 9029263  | 9800972  | 17.152 | 17.096    |
| Target Compounds            |                 |       |       |          |          |        |           |
| 7)                          | L1 AR-1016-5    | 5.881 | 5.050 | 367582   | 106896   | 34.529 | 7.988 #   |
| 9)                          | L2 AR-1221-2    | 0.000 | 3.559 | 0        | 163785   | N.D.   | 17.163 #  |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.559 | 0        | 163785   | N.D.   | 5.183 #   |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.559 | 0        | 163785   | N.D.   | 11.208 #  |
| 12)                         | L3 AR-1232-2    | 5.066 | 4.305 | 393013   | 167495   | 44.511 | 5.947 #   |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.305 | 0        | 167495   | N.D.   | 15.360 #  |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.305 | 0        | 167495   | N.D.   | 3.398 #   |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.839 | 0        | 441792   | N.D.   | 20.179 #  |
| 23)                         | L5 AR-1248-3    | 0.000 | 5.050 | 0        | 106896   | N.D.   | 3.007 #   |
| 24)                         | L5 AR-1248-4    | 0.000 | 5.050 | 0        | 106896   | N.D.   | 3.802 #   |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.583 | 0        | 126822   | N.D.   | 8.159 #   |
| 26)                         | L6 AR-1254-1    | 0.000 | 5.050 | 0        | 106896   | N.D.   | 2.648 #   |
| 28)                         | L6 AR-1254-3    | 6.525 | 5.583 | 3589978  | 126822   | 93.419 | 2.189 #   |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.698 | 0        | 198840   | N.D.   | 6.479 #   |
| 32)                         | L7 AR-1260-2    | 0.000 | 5.891 | 0        | 4067702  | N.D.   | 102.141 # |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.197 | 0        | 229328   | N.D.   | 5.434 #   |
| 34)                         | L7 AR-1260-4    | 7.791 | 6.724 | 396828   | 467749   | 6.264  | 5.806     |
| 35)                         | L7 AR-1260-5    | 8.072 | 7.056 | 184204   | 266448   | 4.841  | 4.773     |
| 36)                         | L8 AR-1262-1    | 0.000 | 5.891 | 0        | 4067702  | N.D.   | 96.068 #  |
| 37)                         | L8 AR-1262-2    | 0.000 | 6.025 | 0        | 211703   | N.D.   | 5.603 #   |
| 38)                         | L8 AR-1262-3    | 0.000 | 6.230 | 0        | 246518   | N.D.   | 3.568 #   |
| 39)                         | L8 AR-1262-4    | 0.000 | 6.479 | 0        | 145419   | N.D.   | 2.564 #   |
| 40)                         | L8 AR-1262-5    | 7.791 | 6.724 | 396828   | 467749   | 4.227  | 3.666     |
| 41)                         | L9 AR-1268-1    | 8.072 | 6.991 | 184204   | 93378    | 1.835  | 0.695 #   |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.056 | 0        | 266448   | N.D.   | 2.126 #   |
| 44)                         | L9 AR-1268-4    | 0.000 | 7.545 | 0        | 79412    | N.D.   | 1.997 #   |
| 45)                         | L9 AR-1268-5    | 0.000 | 7.803 | 0        | 73193    | N.D.   | 0.245 #   |
| -----                       |                 |       |       |          |          |        |           |

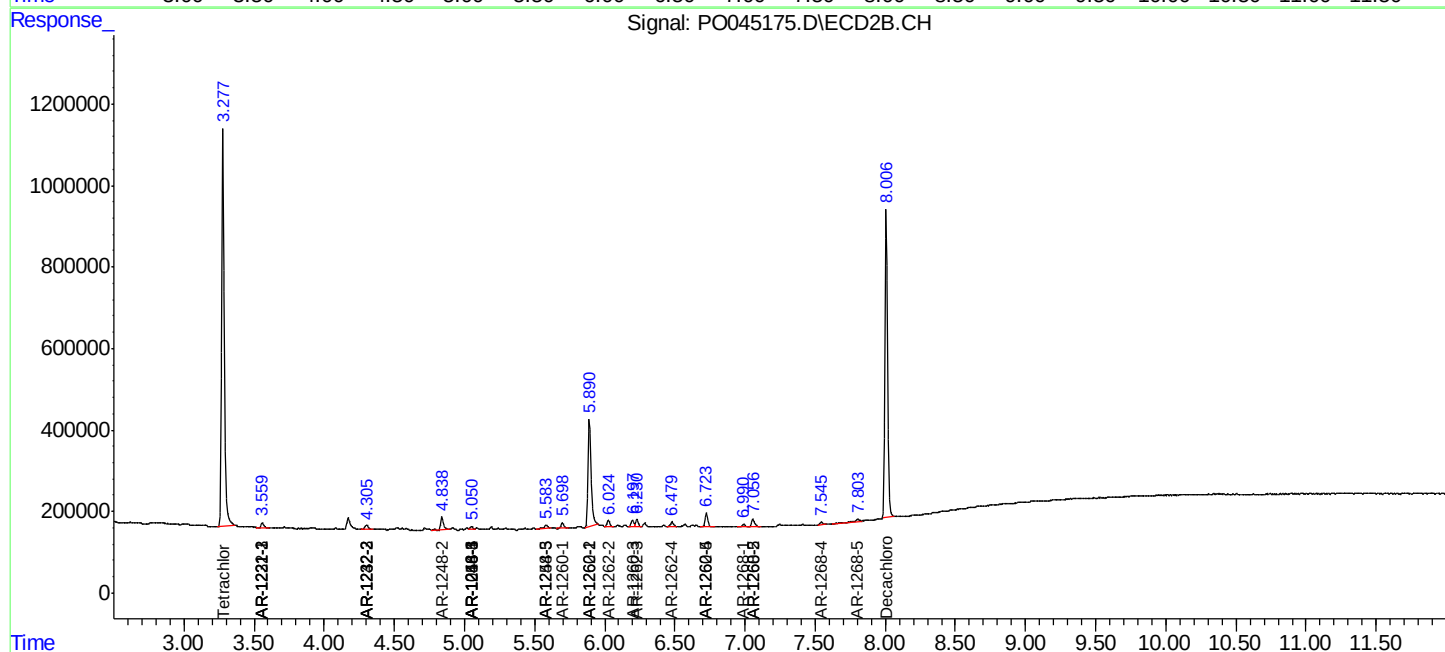
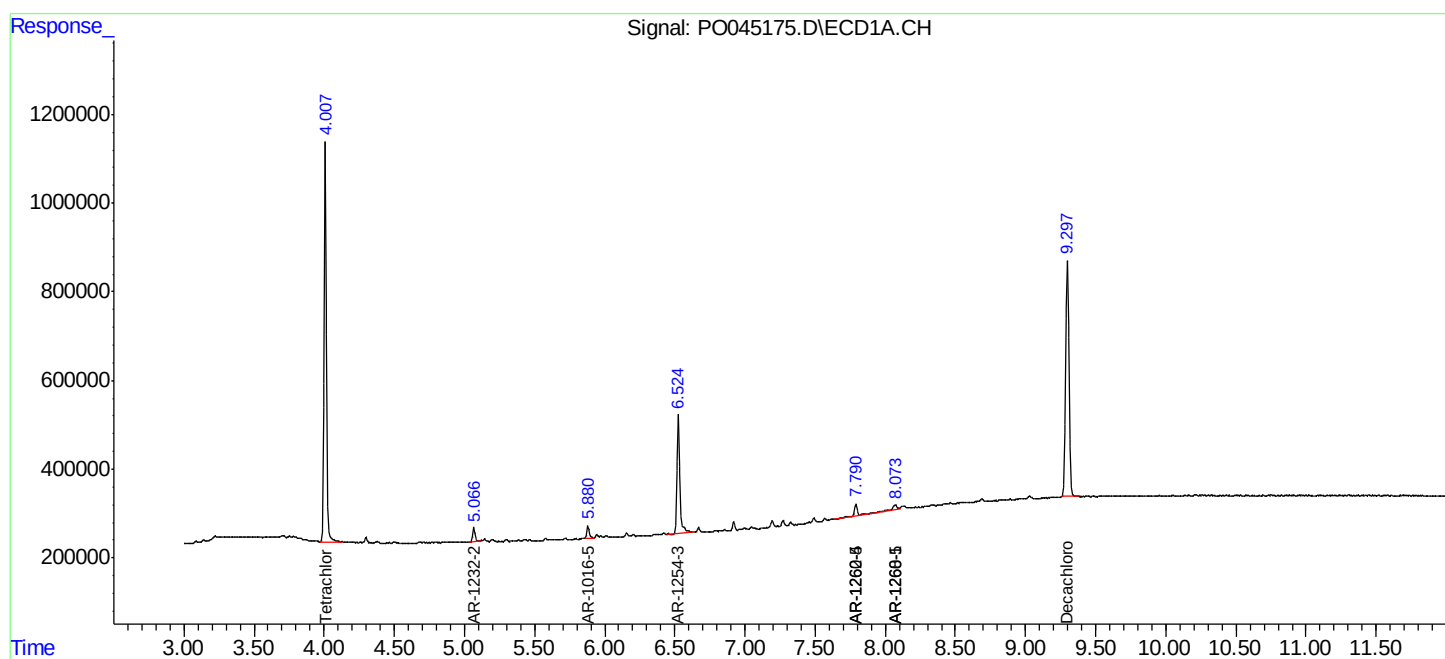
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

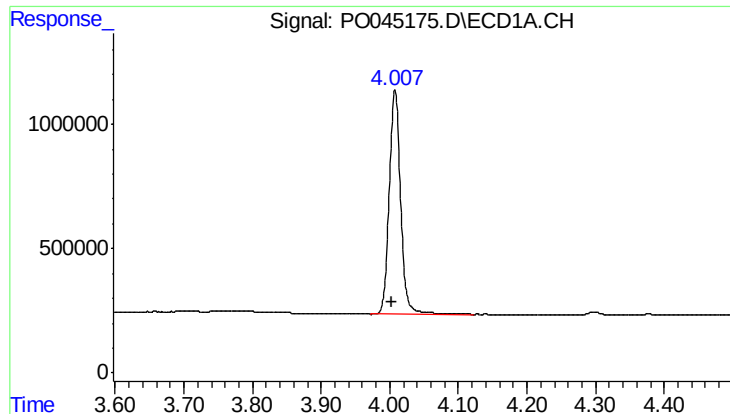
Data Path : P:\HPCHEM1\ECD\_0\Data\PO052918\  
Data File : PO045175.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 29 May 2018 8:25  
Operator : SM/UA  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 29 09:09:18 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO052518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat May 26 01:36:04 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

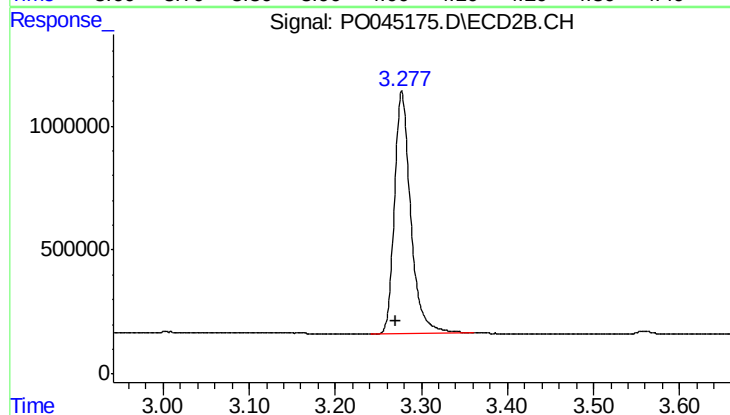




#1 Tetrachloro-m-xylene

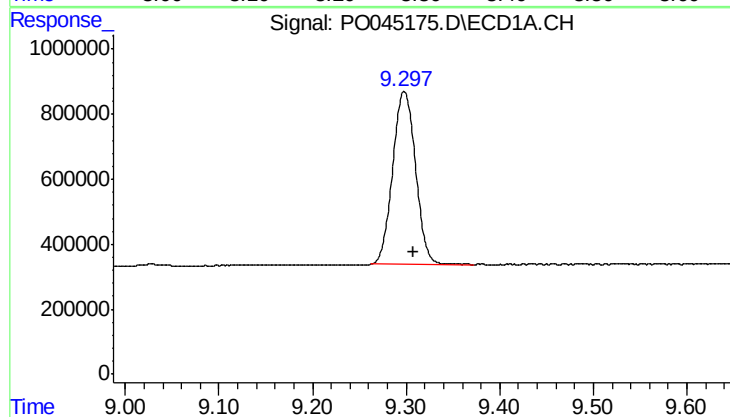
R.T.: 4.008 min  
Delta R.T.: 0.005 min  
Response: 10436498  
Conc: 17.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



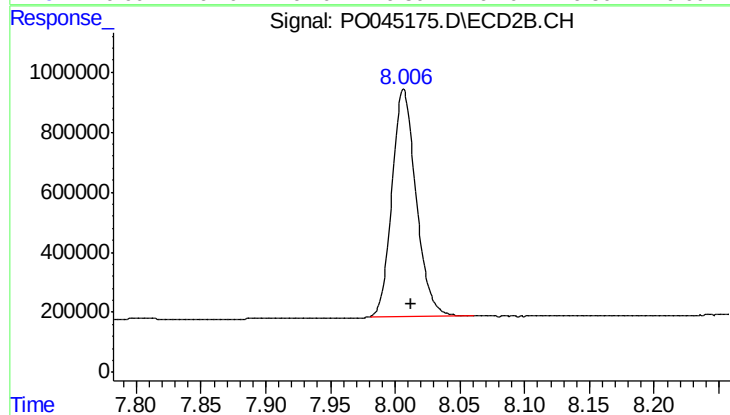
#1 Tetrachloro-m-xylene

R.T.: 3.277 min  
Delta R.T.: 0.007 min  
Response: 12730340  
Conc: 19.88 ng/ml



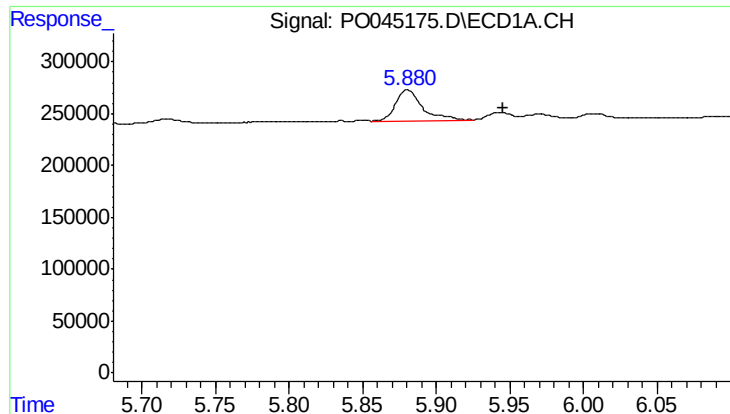
#2 Decachlorobiphenyl

R.T.: 9.298 min  
Delta R.T.: -0.010 min  
Response: 9029263  
Conc: 17.15 ng/ml



#2 Decachlorobiphenyl

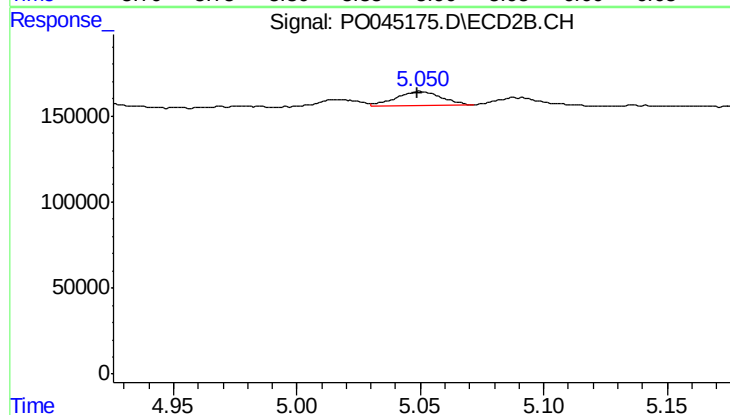
R.T.: 8.006 min  
Delta R.T.: -0.006 min  
Response: 9800972  
Conc: 17.10 ng/ml



#7 AR-1016-5

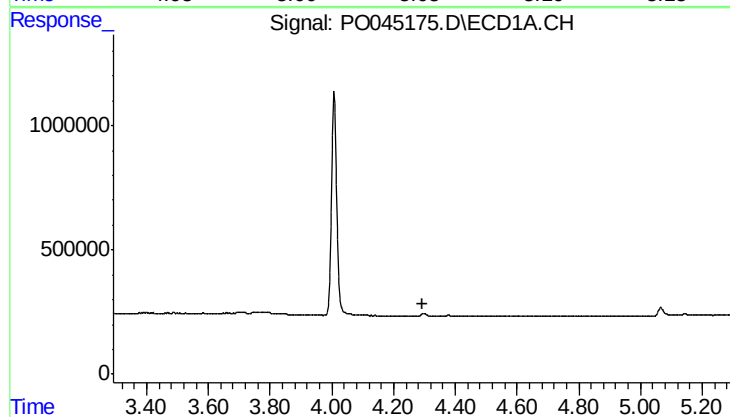
R.T.: 5.881 min  
Delta R.T.: -0.065 min  
Response: 367582  
Conc: 34.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



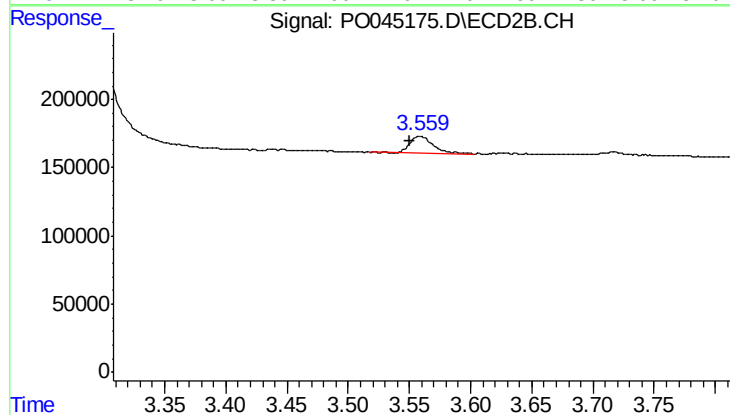
#7 AR-1016-5

R.T.: 5.050 min  
Delta R.T.: 0.001 min  
Response: 106896  
Conc: 7.99 ng/ml



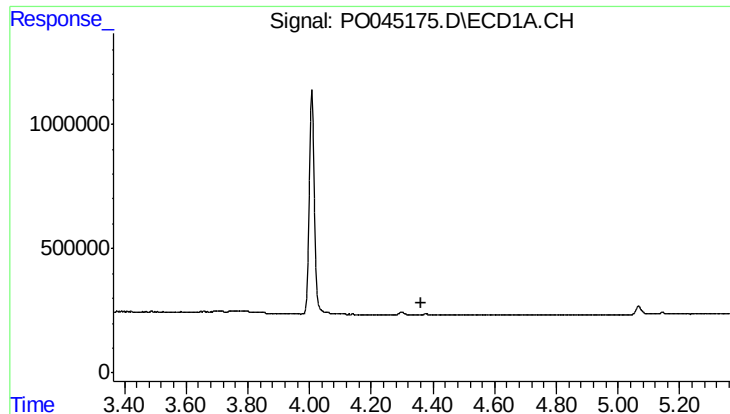
#9 AR-1221-2

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



#9 AR-1221-2

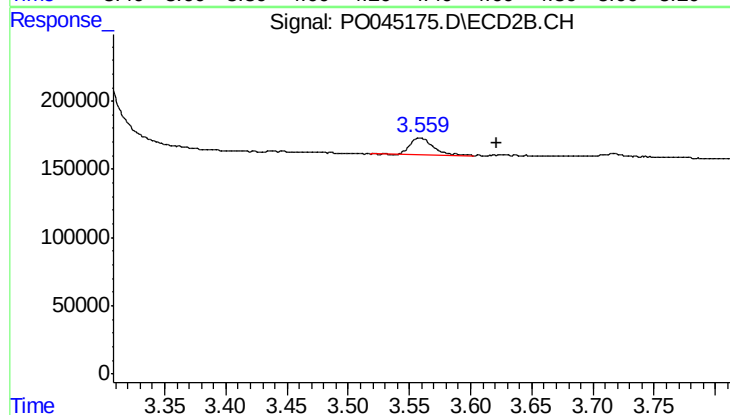
R.T.: 3.559 min  
Delta R.T.: 0.008 min  
Response: 163785  
Conc: 17.16 ng/ml



#10 AR-1221-3

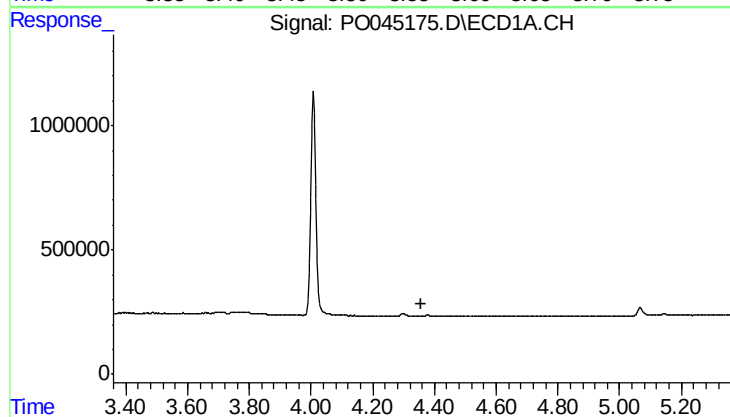
R.T.: 0.000 min  
Exp R.T.: 4.364 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



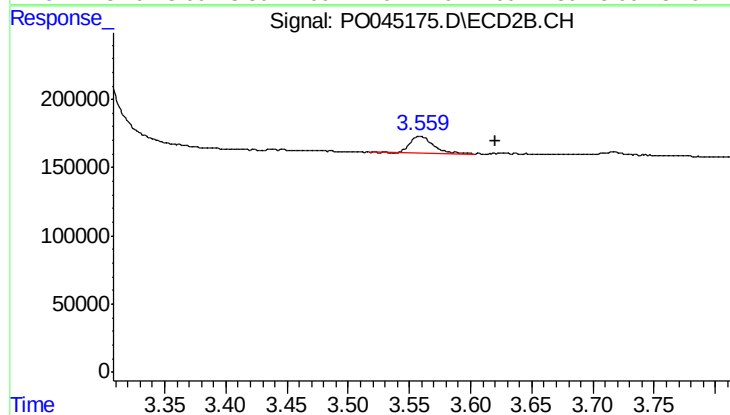
#10 AR-1221-3

R.T.: 3.559 min  
Delta R.T.: -0.062 min  
Response: 163785  
Conc: 5.18 ng/ml



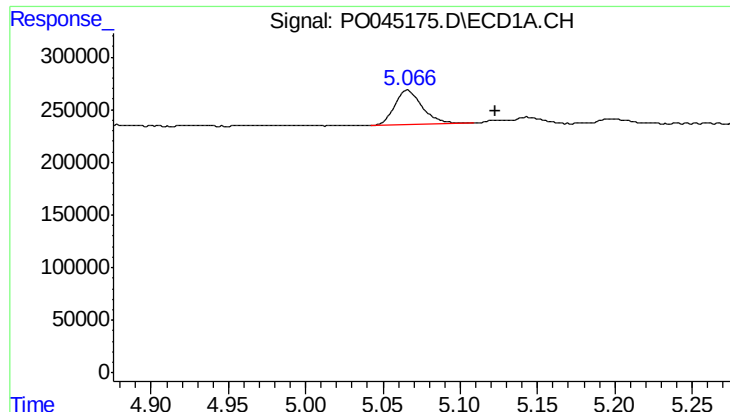
#11 AR-1232-1

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



#11 AR-1232-1

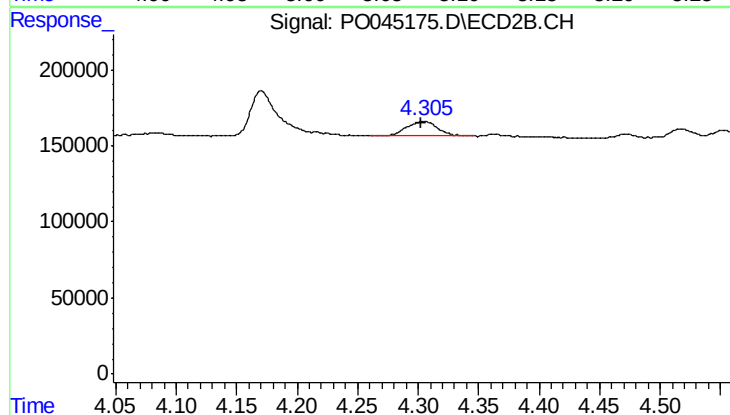
R.T.: 3.559 min  
Delta R.T.: -0.062 min  
Response: 163785  
Conc: 11.21 ng/ml



#12 AR-1232-2

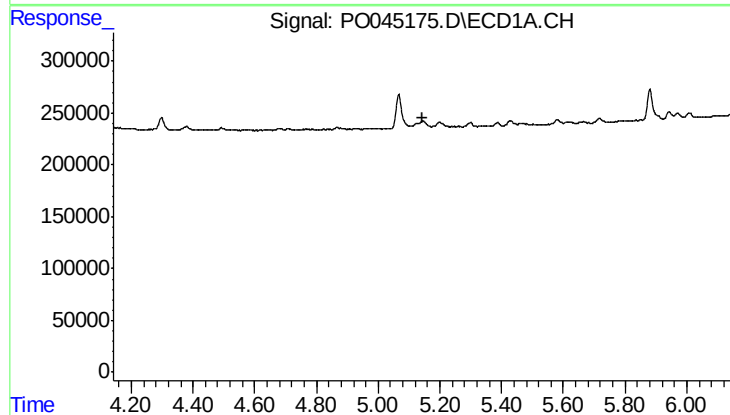
R.T.: 5.066 min  
Delta R.T.: -0.056 min  
Response: 393013  
Conc: 44.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



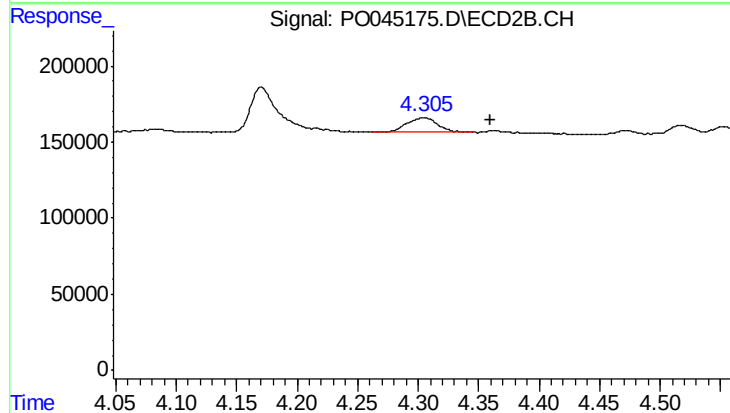
#12 AR-1232-2

R.T.: 4.305 min  
Delta R.T.: 0.003 min  
Response: 167495  
Conc: 5.95 ng/ml



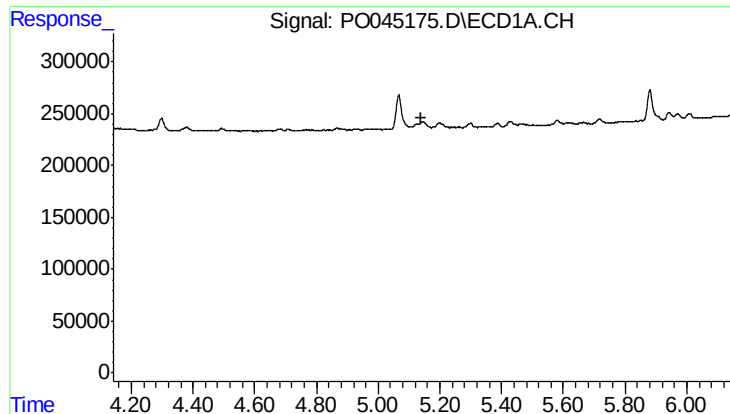
#13 AR-1232-3

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



#13 AR-1232-3

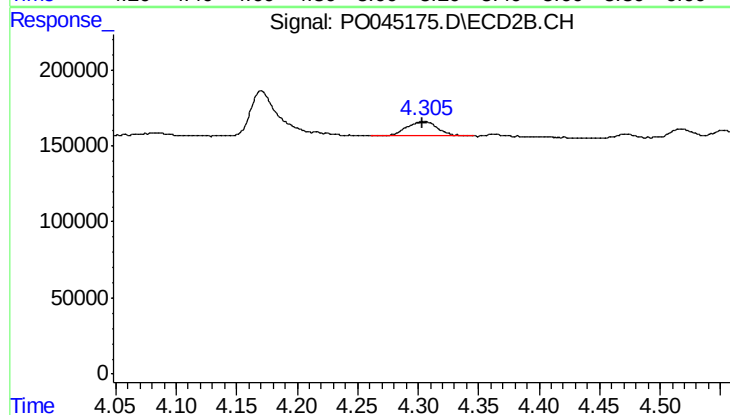
R.T.: 4.305 min  
Delta R.T.: -0.054 min  
Response: 167495  
Conc: 15.36 ng/ml



#17 AR-1242-2

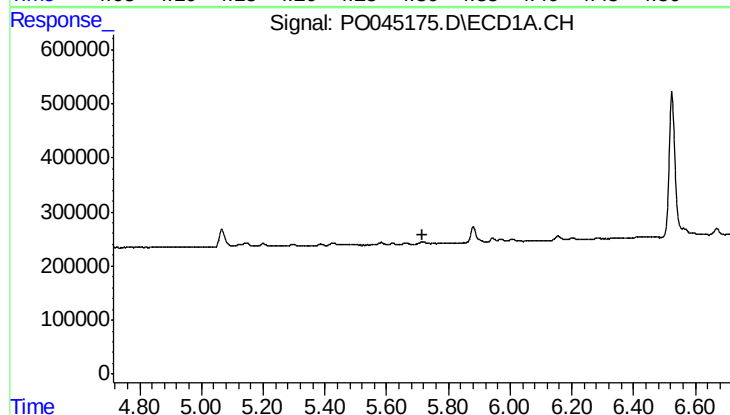
R.T.: 0.000 min  
Exp R.T.: 5.142 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



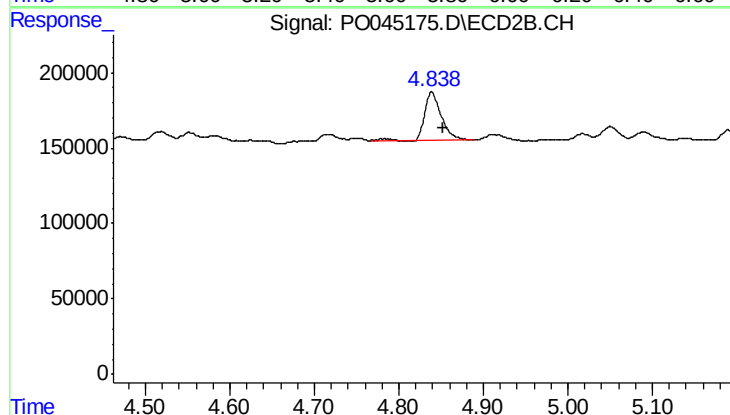
#17 AR-1242-2

R.T.: 4.305 min  
Delta R.T.: 0.002 min  
Response: 167495  
Conc: 3.40 ng/ml



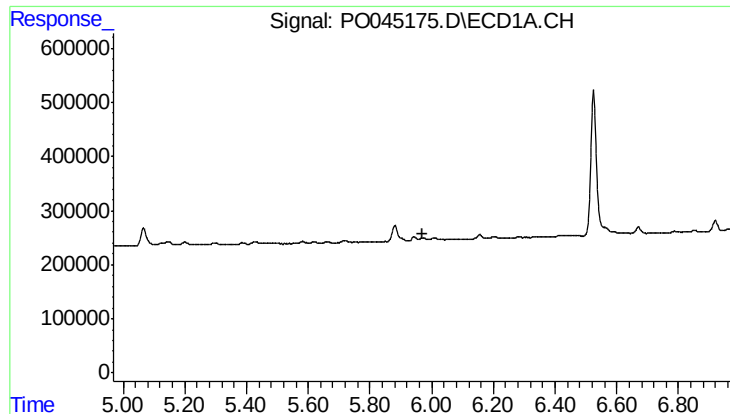
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.715 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

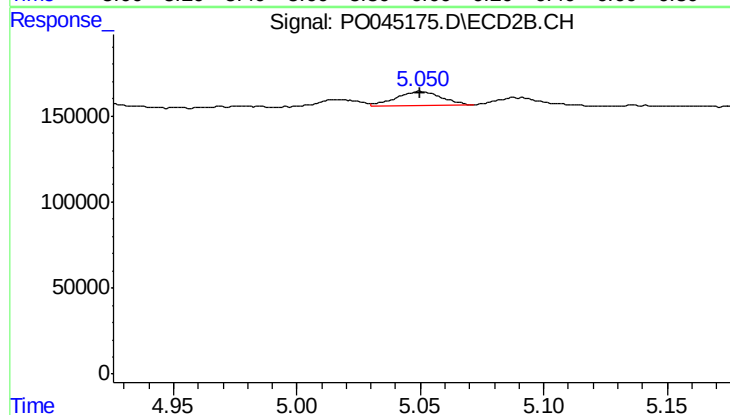
R.T.: 4.839 min  
Delta R.T.: -0.013 min  
Response: 441792  
Conc: 20.18 ng/ml



#23 AR-1248-3

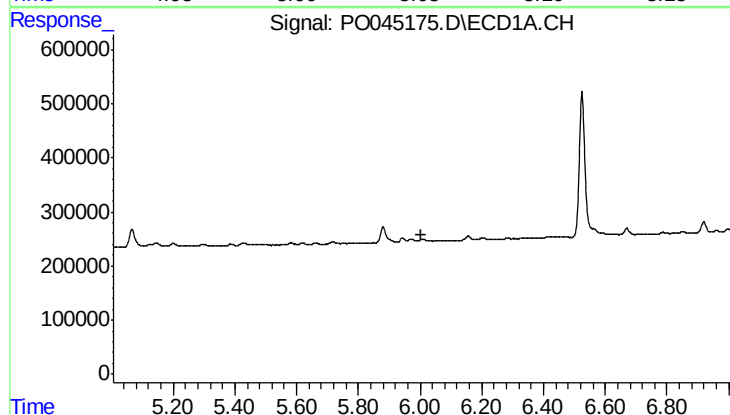
R.T.: 0.000 min  
Exp R.T.: 5.969 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



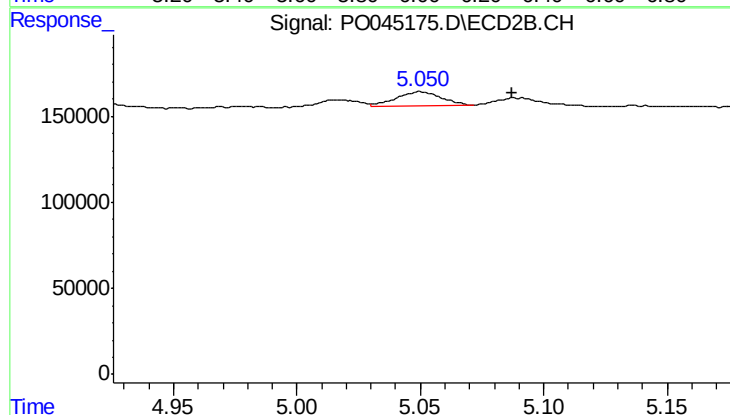
#23 AR-1248-3

R.T.: 5.050 min  
Delta R.T.: 0.000 min  
Response: 106896  
Conc: 3.01 ng/ml



#24 AR-1248-4

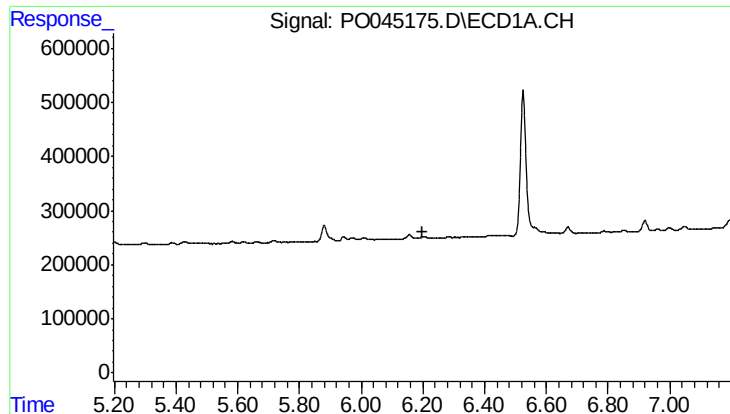
R.T.: 0.000 min  
Exp R.T.: 6.006 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

R.T.: 5.050 min  
Delta R.T.: -0.037 min  
Response: 106896  
Conc: 3.80 ng/ml

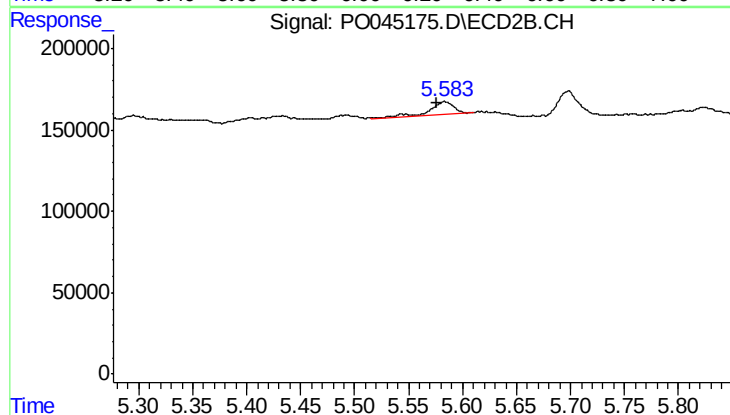




#25 AR-1248-5

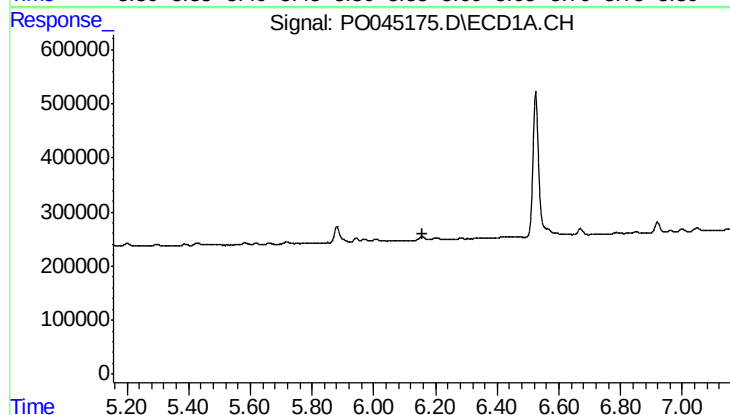
R.T.: 0.000 min  
Exp R.T.: 6.197 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



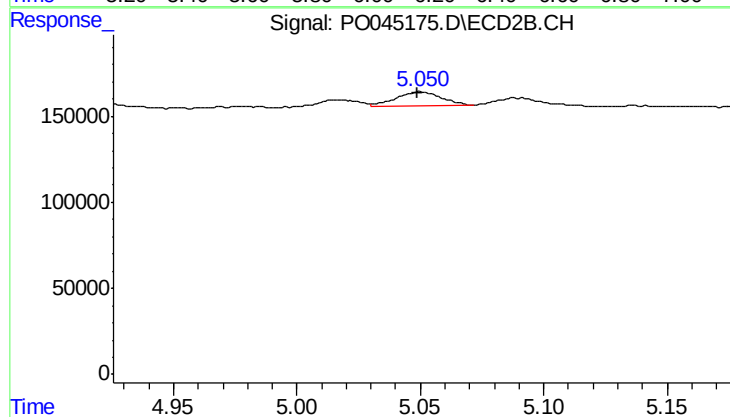
#25 AR-1248-5

R.T.: 5.583 min  
Delta R.T.: 0.007 min  
Response: 126822  
Conc: 8.16 ng/ml



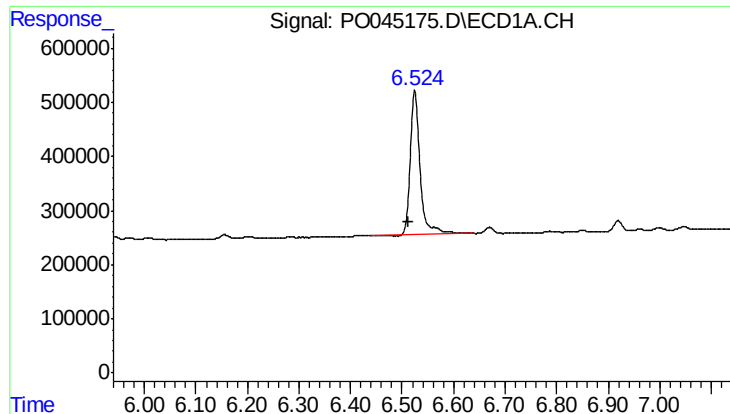
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 6.156 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

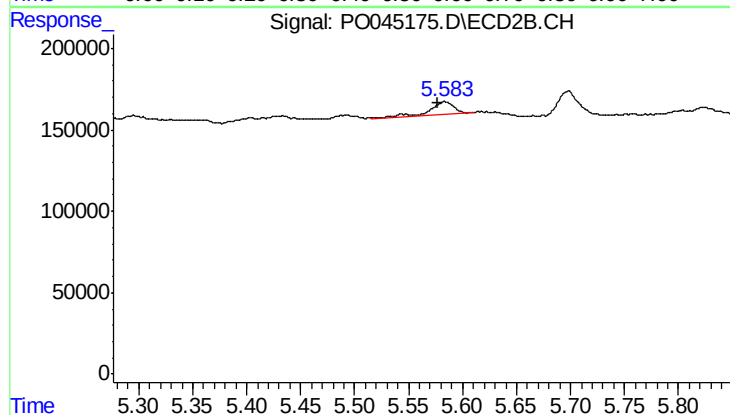
R.T.: 5.050 min  
Delta R.T.: 0.001 min  
Response: 106896  
Conc: 2.65 ng/ml



#28 AR-1254-3

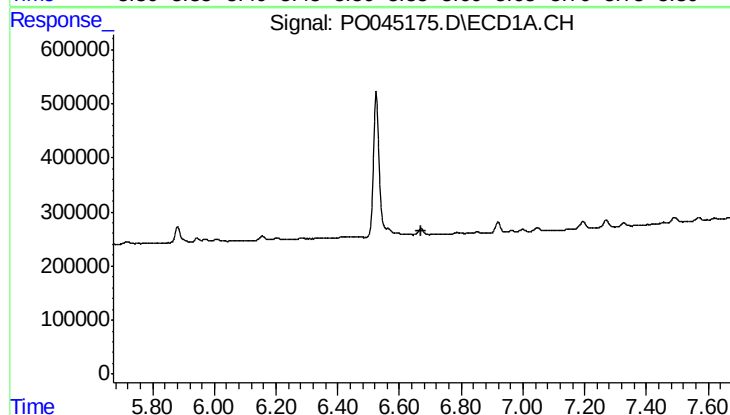
R.T.: 6.525 min  
Delta R.T.: 0.011 min  
Response: 3589978  
Conc: 93.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



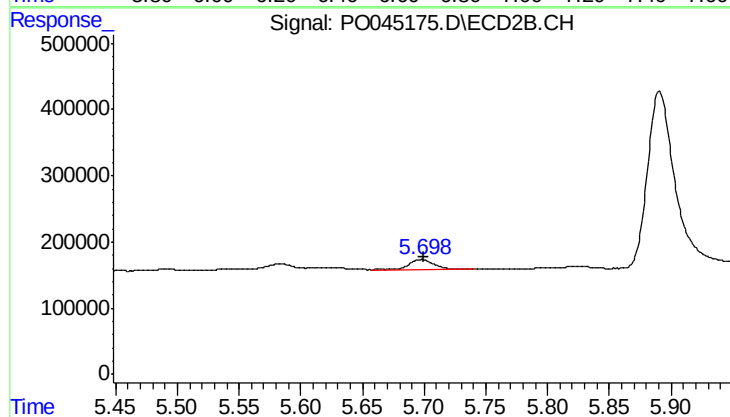
#28 AR-1254-3

R.T.: 5.583 min  
Delta R.T.: 0.007 min  
Response: 126822  
Conc: 2.19 ng/ml



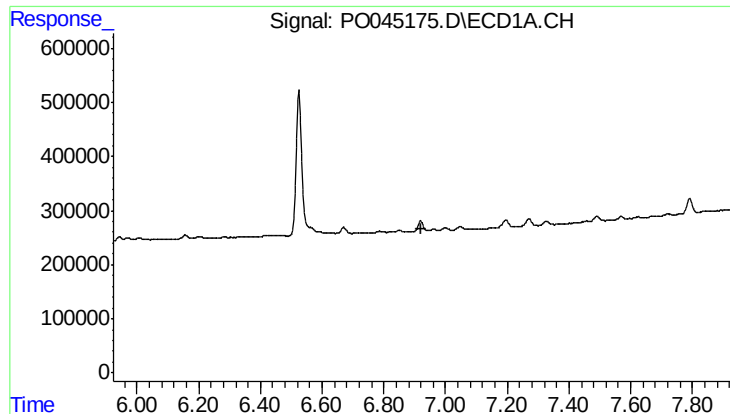
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 6.673 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

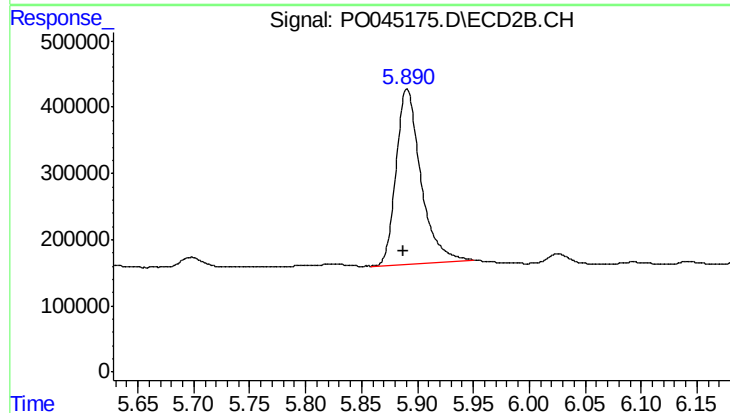
R.T.: 5.698 min  
Delta R.T.: -0.002 min  
Response: 198840  
Conc: 6.48 ng/ml



#32 AR-1260-2

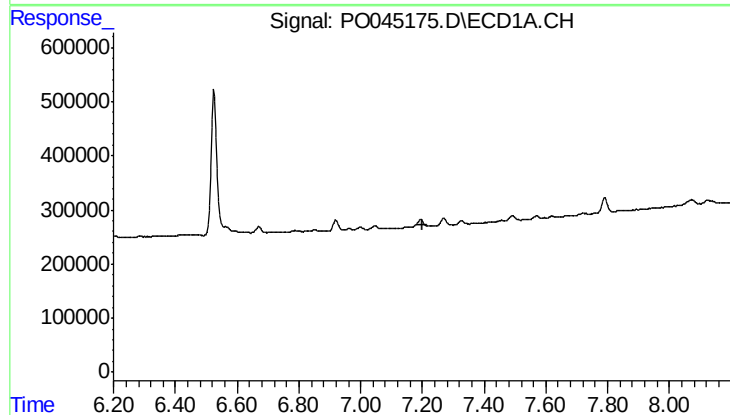
R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



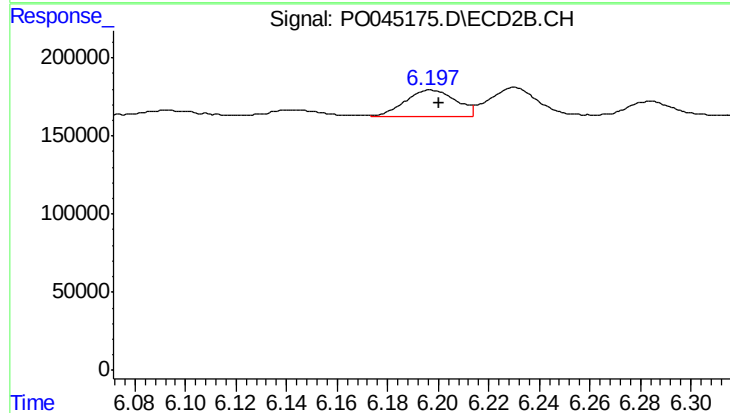
#32 AR-1260-2

R.T.: 5.891 min  
Delta R.T.: 0.004 min  
Response: 4067702  
Conc: 102.14 ng/ml



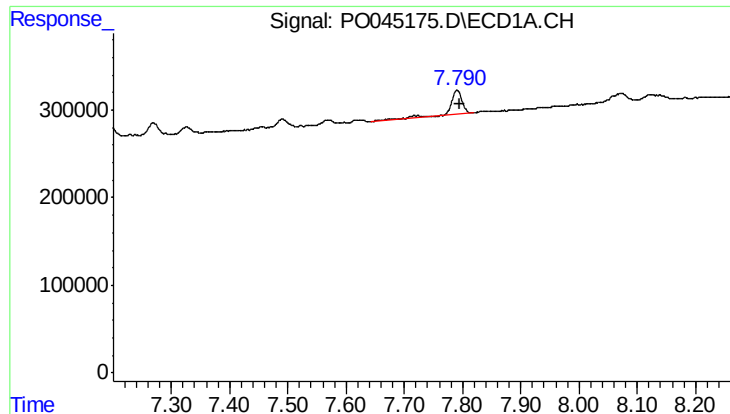
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.199 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

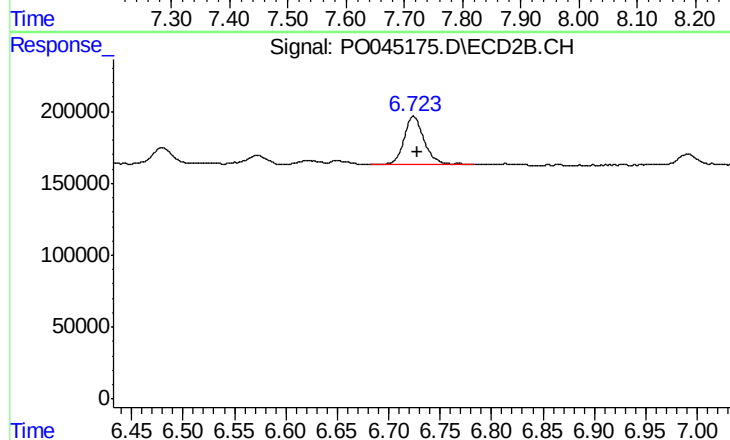
R.T.: 6.197 min  
Delta R.T.: -0.003 min  
Response: 229328  
Conc: 5.43 ng/ml



#34 AR-1260-4

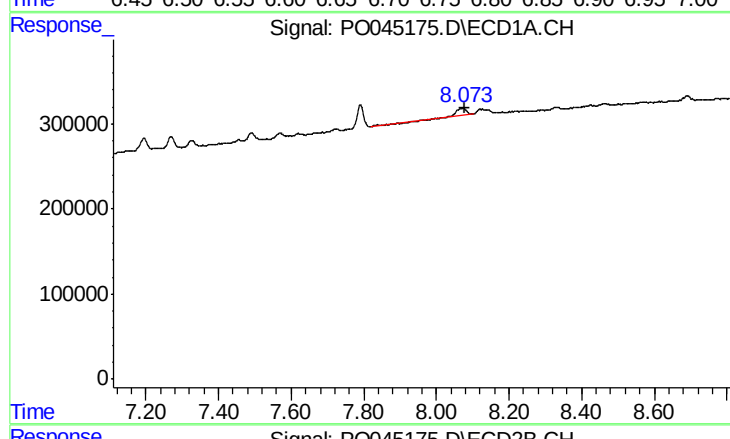
R.T.: 7.791 min  
Delta R.T.: -0.004 min  
Response: 396828  
Conc: 6.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



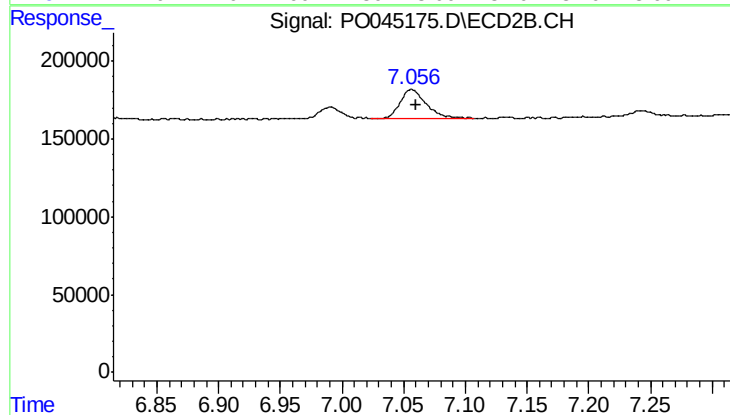
#34 AR-1260-4

R.T.: 6.724 min  
Delta R.T.: -0.004 min  
Response: 467749  
Conc: 5.81 ng/ml



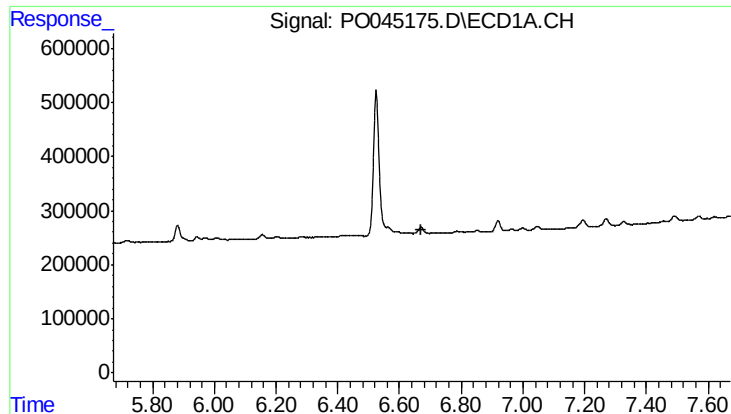
#35 AR-1260-5

R.T.: 8.072 min  
Delta R.T.: -0.005 min  
Response: 184204  
Conc: 4.84 ng/ml



#35 AR-1260-5

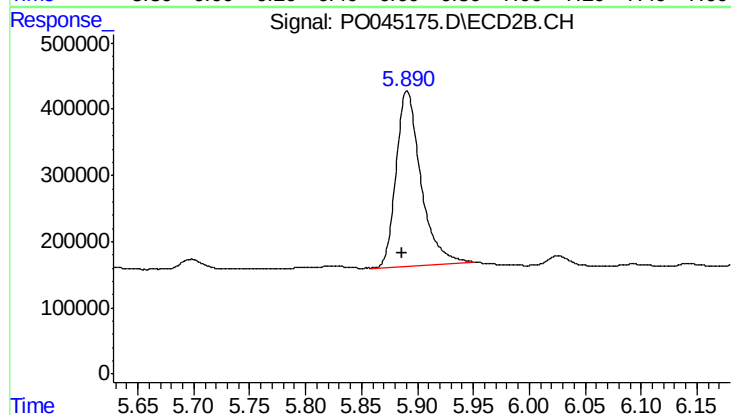
R.T.: 7.056 min  
Delta R.T.: -0.004 min  
Response: 266448  
Conc: 4.77 ng/ml



#36 AR-1262-1

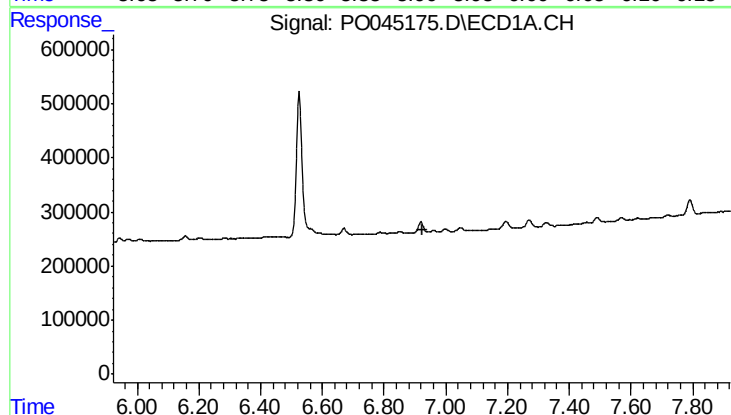
R.T.: 0.000 min  
Exp R.T.: 6.672 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



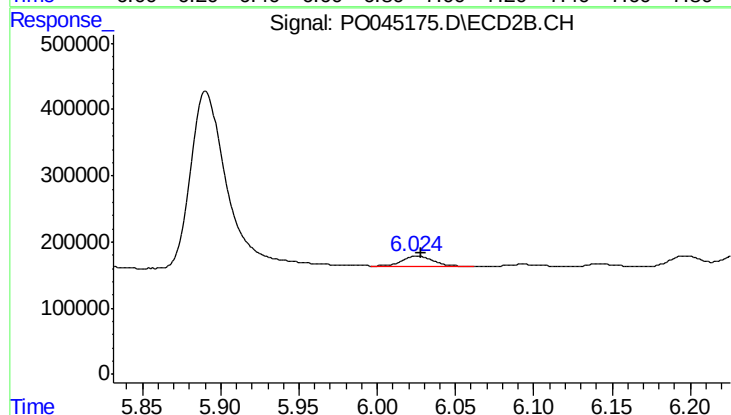
#36 AR-1262-1

R.T.: 5.891 min  
Delta R.T.: 0.004 min  
Response: 4067702  
Conc: 96.07 ng/ml



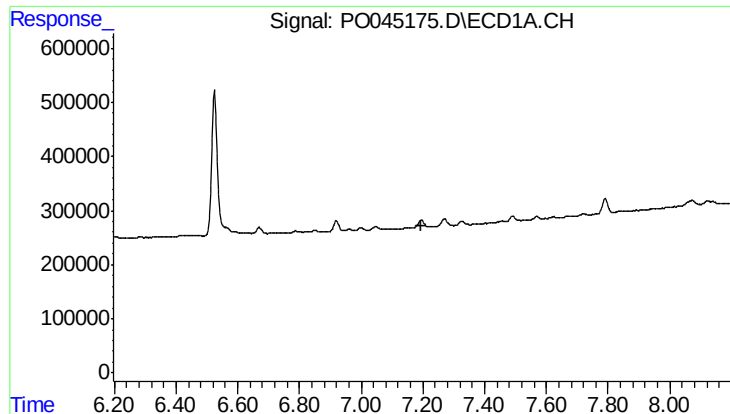
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

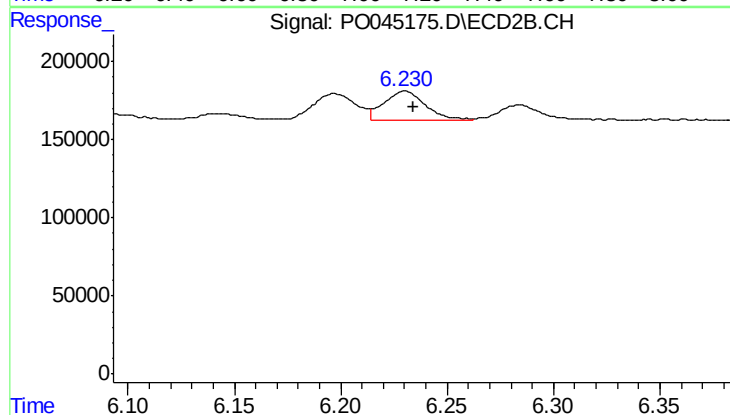
R.T.: 6.025 min  
Delta R.T.: -0.003 min  
Response: 211703  
Conc: 5.60 ng/ml



#38 AR-1262-3

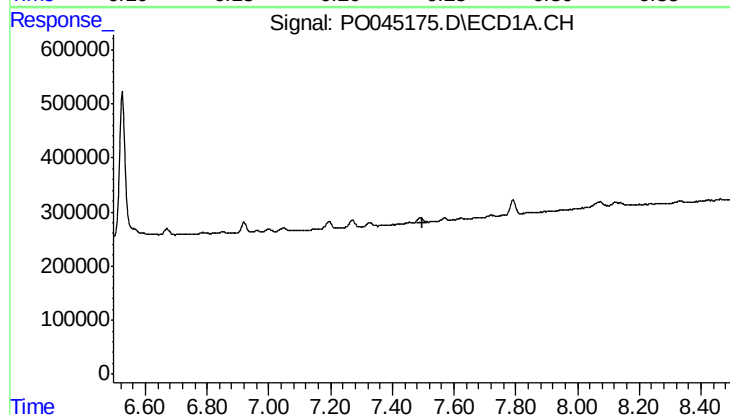
R.T.: 0.000 min  
Exp R.T.: 7.197 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



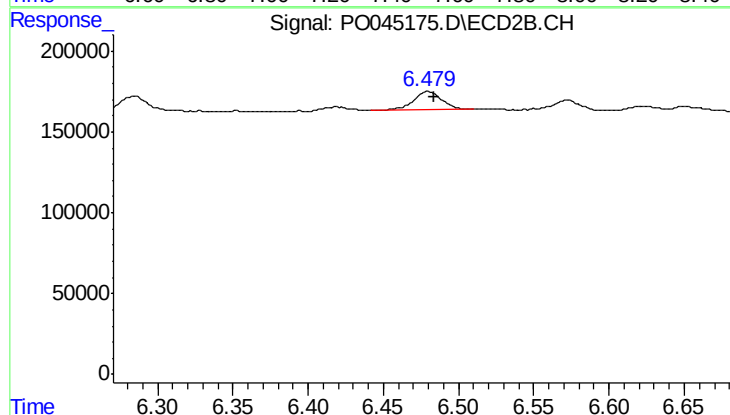
#38 AR-1262-3

R.T.: 6.230 min  
Delta R.T.: -0.004 min  
Response: 246518  
Conc: 3.57 ng/ml



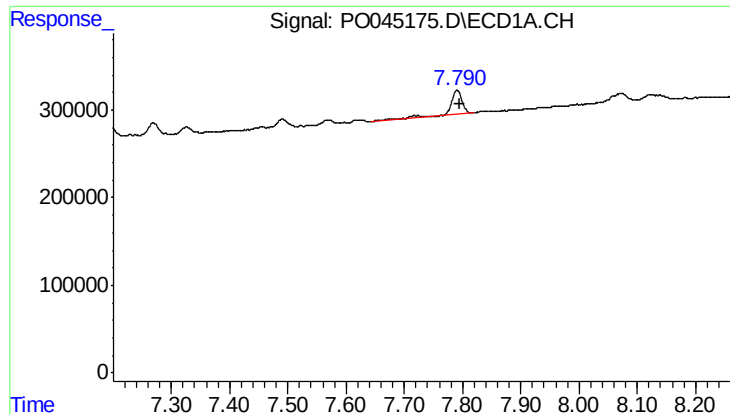
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 7.496 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

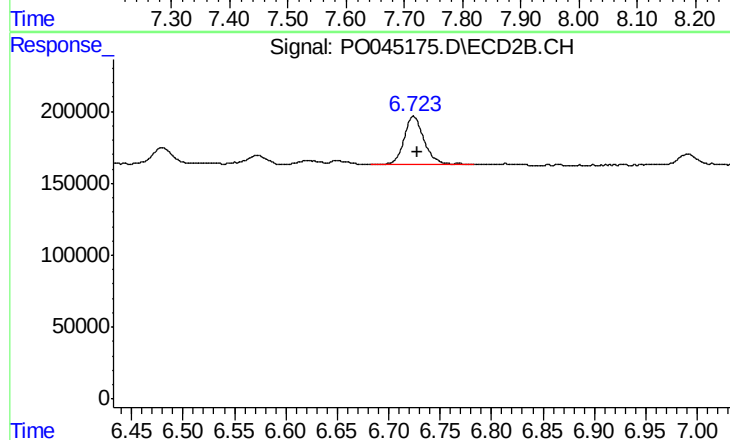
R.T.: 6.479 min  
Delta R.T.: -0.004 min  
Response: 145419  
Conc: 2.56 ng/ml



#40 AR-1262-5

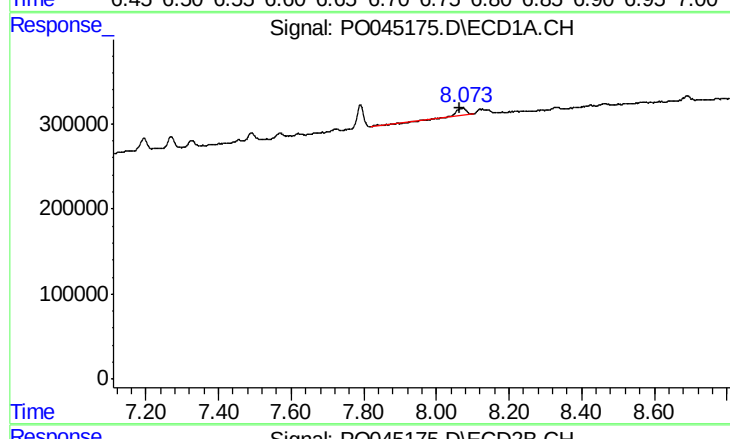
R.T.: 7.791 min  
Delta R.T.: -0.005 min  
Response: 396828  
Conc: 4.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



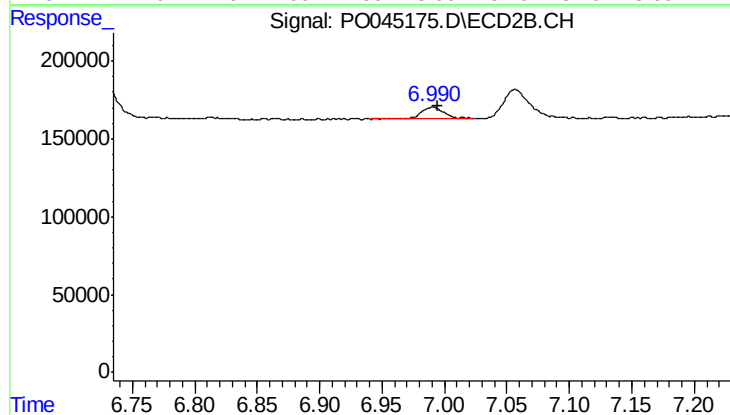
#40 AR-1262-5

R.T.: 6.724 min  
Delta R.T.: -0.004 min  
Response: 467749  
Conc: 3.67 ng/ml



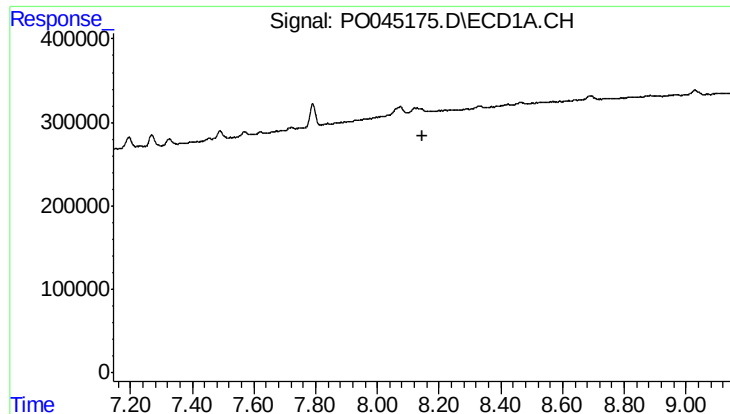
#41 AR-1268-1

R.T.: 8.072 min  
Delta R.T.: 0.007 min  
Response: 184204  
Conc: 1.84 ng/ml



#41 AR-1268-1

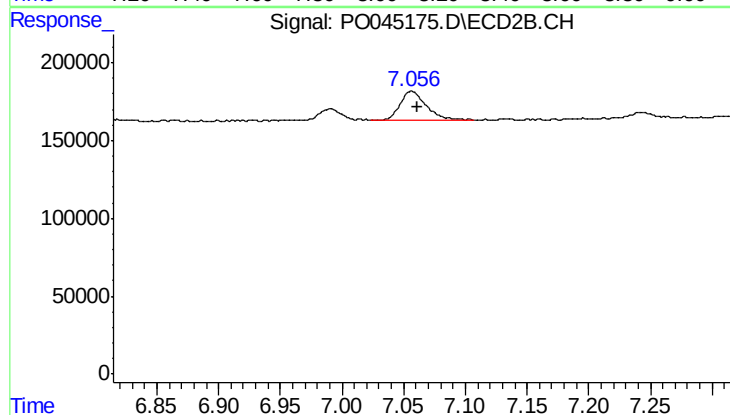
R.T.: 6.991 min  
Delta R.T.: -0.004 min  
Response: 93378  
Conc: 0.69 ng/ml



#42 AR-1268-2

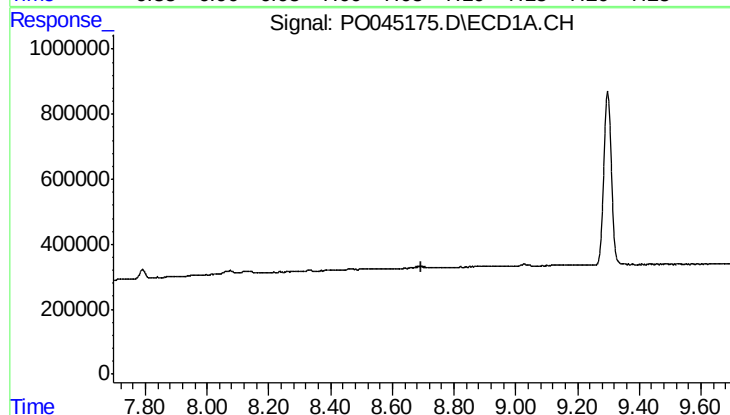
R.T.: 0.000 min  
Exp R.T.: 8.145 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



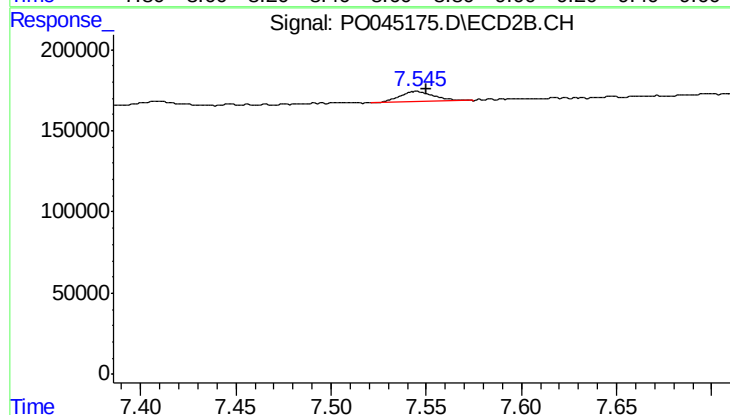
#42 AR-1268-2

R.T.: 7.056 min  
Delta R.T.: -0.005 min  
Response: 266448  
Conc: 2.13 ng/ml



#44 AR-1268-4

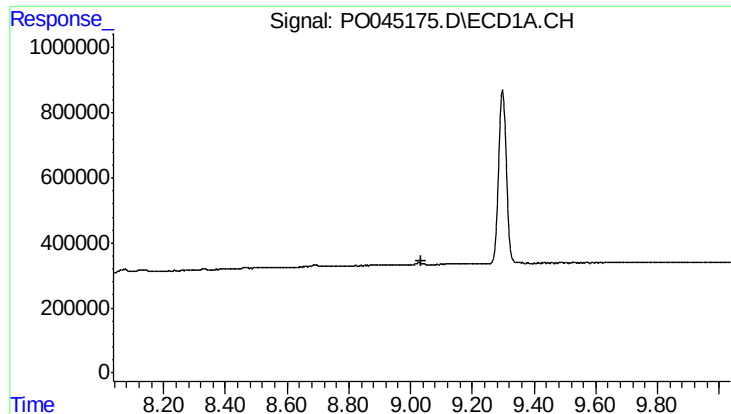
R.T.: 0.000 min  
Exp R.T.: 8.696 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

R.T.: 7.545 min  
Delta R.T.: -0.005 min  
Response: 79412  
Conc: 2.00 ng/ml

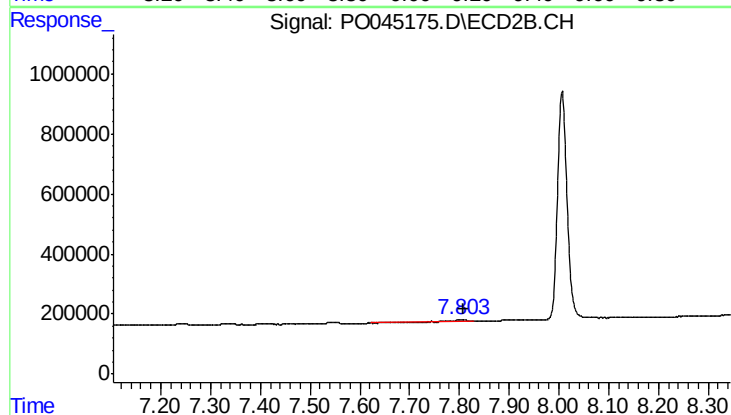




#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.037 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



#45 AR-1268-5

R.T.: 7.803 min  
Delta R.T.: -0.006 min  
Response: 73193  
Conc: 0.24 ng/ml