

Data Path : P:\HPCHEM1\ECD\_0\Data\P0060418\  
 Data File : P0045414.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 03 Jun 2018 14:33  
 Operator : SM/UA  
 Sample : J3214-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 MS-CON-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 04 02:35:03 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0053018.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu May 31 04:53:22 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...          | 3.998 | 3.273 | 4461611  | 6403653  | 21.360   | 23.094     |
| 2) SA Decachlor...          | 9.276 | 7.992 | 3947249  | 3928023  | 17.187   | 13.937     |
| Target Compounds            |       |       |          |          |          |            |
| 4) L1 AR-1016-2             | 5.197 | 4.572 | 2217487  | 595967   | 332.313  | 101.069 #  |
| 5) L1 AR-1016-3             | 5.306 | 4.572 | 791647   | 595967   | 141.480  | 85.068 #   |
| 6) L1 AR-1016-4             | 0.000 | 4.729 | 0        | 415030   | N.D.     | 55.748 #   |
| 7) L1 AR-1016-5             | 6.002 | 5.036 | 717492   | 816405   | 142.786  | 108.887    |
| 12) L3 AR-1232-2            | 5.169 | 4.321 | 2191595  | 2660245  | 665.601  | 210.606 #  |
| 13) L3 AR-1232-3            | 5.169 | 4.355 | 2191595  | 2681686  | 384.110  | 514.408 #  |
| 14) L3 AR-1232-4            | 5.197 | 0.000 | 2217487  | 0        | 647.956  | N.D. #     |
| 15) L3 AR-1232-5            | 5.306 | 4.572 | 791647   | 595967   | 294.596  | 176.195 #  |
| 17) L4 AR-1242-2            | 5.169 | 4.321 | 2191595  | 2660245  | 241.243  | 130.012 #  |
| 18) L4 AR-1242-3            | 5.306 | 0.000 | 791647   | 0        | 177.981  | N.D. #     |
| 19) L4 AR-1242-4            | 0.000 | 4.572 | 0        | 595967   | N.D.     | 99.623 #   |
| 20) L4 AR-1242-5            | 0.000 | 4.729 | 0        | 415030   | N.D.     | 63.607 #   |
| 21) L5 AR-1248-1            | 0.000 | 4.729 | 0        | 415030   | N.D.     | 39.103 #   |
| 22) L5 AR-1248-2            | 0.000 | 4.886 | 0        | 9159032  | N.D.     | 890.101 #  |
| 23) L5 AR-1248-3            | 6.002 | 5.036 | 717492   | 816405   | 82.754   | 50.771 #   |
| 24) L5 AR-1248-4            | 6.002 | 5.083 | 717492   | 1239145  | 81.049   | 92.485     |
| 25) L5 AR-1248-5            | 6.212 | 5.582 | 763509   | 4359369  | 136.724  | 605.910 #  |
| 26) L6 AR-1254-1            | 6.140 | 5.036 | 42898977 | 816405   | 3101.933 | 44.056 #   |
| 27) L6 AR-1254-2            | 6.401 | 5.202 | 2257392  | 59542699 | 234.909  | 3693.157 # |
| 28) L6 AR-1254-3            | 6.508 | 5.582 | 2800225  | 4359369  | 177.721  | 169.169    |
| 29) L6 AR-1254-4            | 0.000 | 5.813 | 0        | 384888   | N.D.     | 19.328 #   |
| 30) L6 AR-1254-5            | 0.000 | 6.131 | 0        | 294200   | N.D.     | 24.562 #   |
| 31) L7 AR-1260-1            | 6.654 | 5.685 | 777026   | 1004489  | 67.082   | 61.369     |
| 32) L7 AR-1260-2            | 6.903 | 5.873 | 1285284  | 1557323  | 84.465   | 73.711     |
| 33) L7 AR-1260-3            | 7.254 | 6.218 | 667238   | 853707   | 52.557   | 45.104     |
| 34) L7 AR-1260-4            | 7.775 | 6.707 | 1390275  | 3184669  | 48.939   | 80.888 #   |
| 35) L7 AR-1260-5            | 8.058 | 7.043 | 717490   | 1192657  | 42.888   | 43.332     |
| 36) L8 AR-1262-1            | 6.654 | 5.873 | 777026   | 1557323  | 71.372   | 82.270     |
| 37) L8 AR-1262-2            | 6.903 | 6.013 | 1285284  | 802912   | 93.439   | 43.753 #   |
| 38) L8 AR-1262-3            | 7.179 | 6.218 | 1076544  | 853707   | 84.482   | 27.841 #   |
| 39) L8 AR-1262-4            | 7.475 | 6.468 | 551054   | 466967   | 32.082   | 18.532 #   |
| 40) L8 AR-1262-5            | 7.775 | 6.707 | 1390275  | 3184669  | 37.621   | 58.444 #   |
| 41) L9 AR-1268-1            | 8.058 | 6.978 | 717490   | 322605   | 18.838   | 5.847 #    |
| 42) L9 AR-1268-2            | 8.058 | 7.043 | 717490   | 1192657  | 21.059   | 23.357     |
| 44) L9 AR-1268-4            | 0.000 | 7.533 | 0        | 445930   | N.D.     | 25.622 #   |
| -----                       |       |       |          |          |          |            |

Data Path : P:\HPCHEM1\ECD\_0\Data\P0060418\  
Data File : P0045414.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 03 Jun 2018 14:33  
Operator : SM/UA  
Sample : J3214-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 04 02:35:03 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\P0053018.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu May 31 04:53:22 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 |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

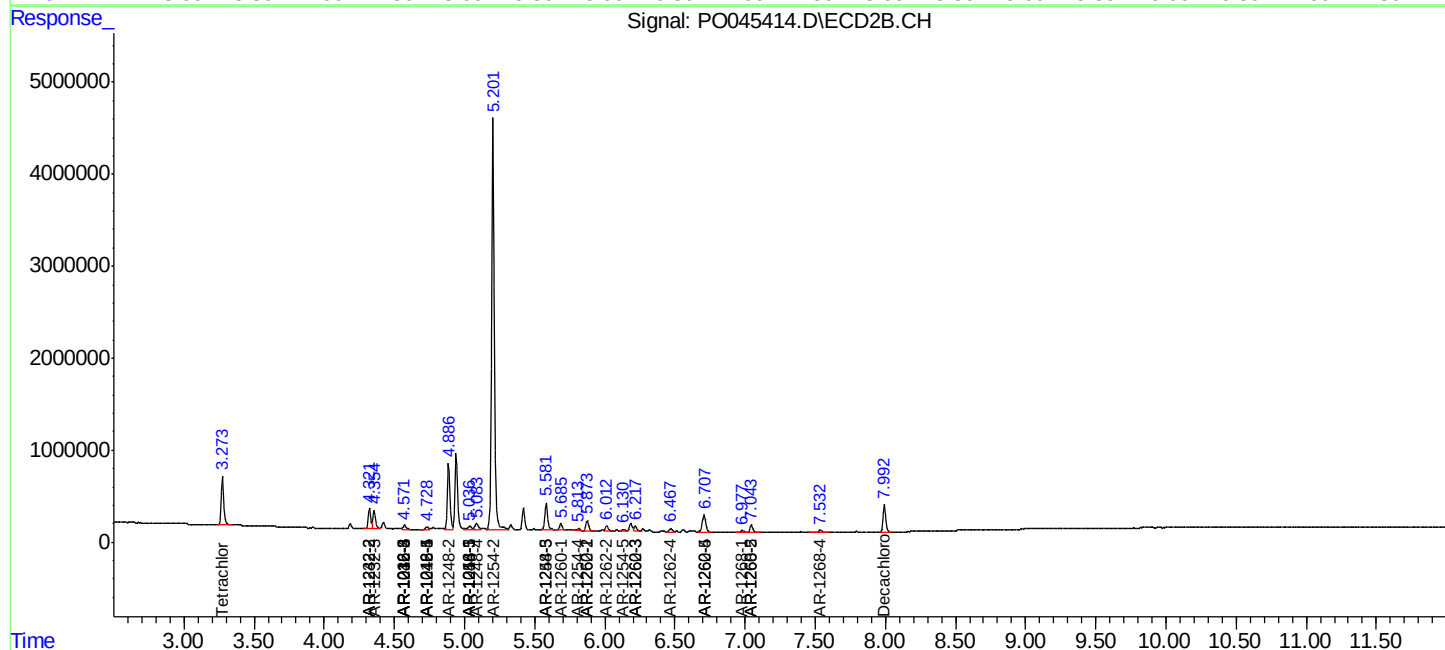
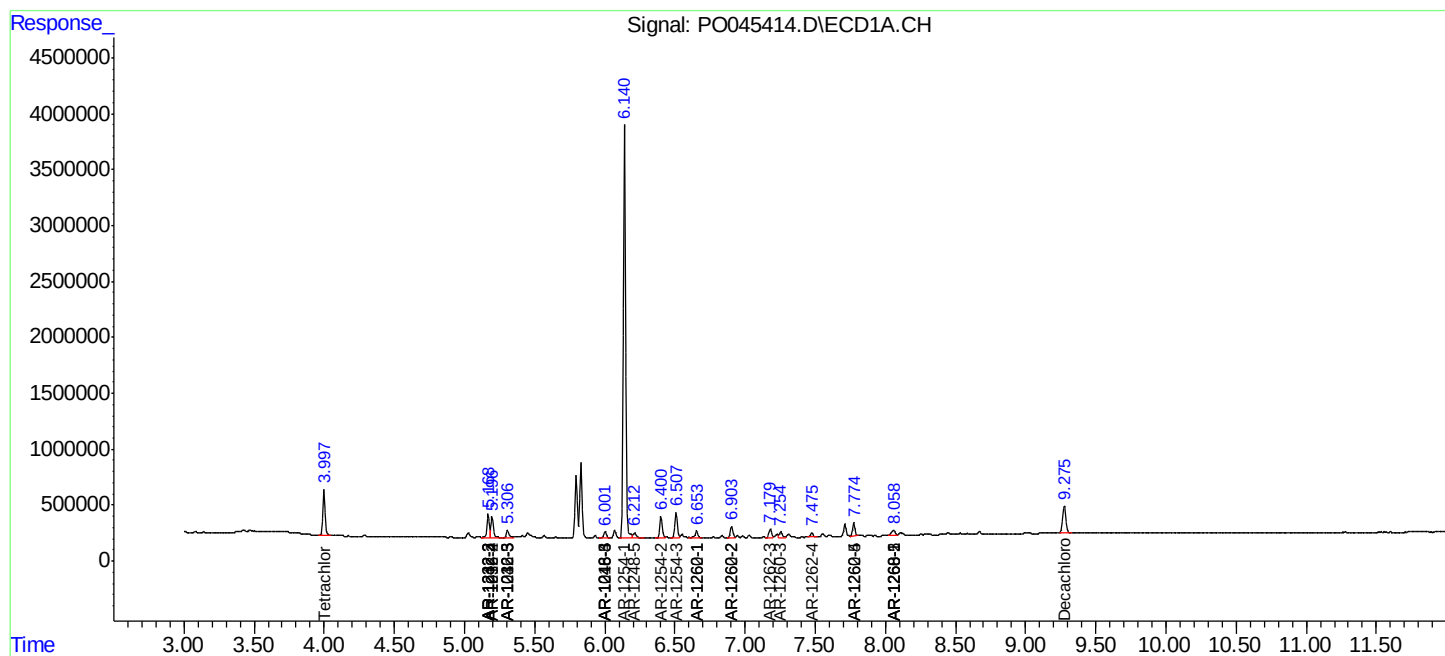
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

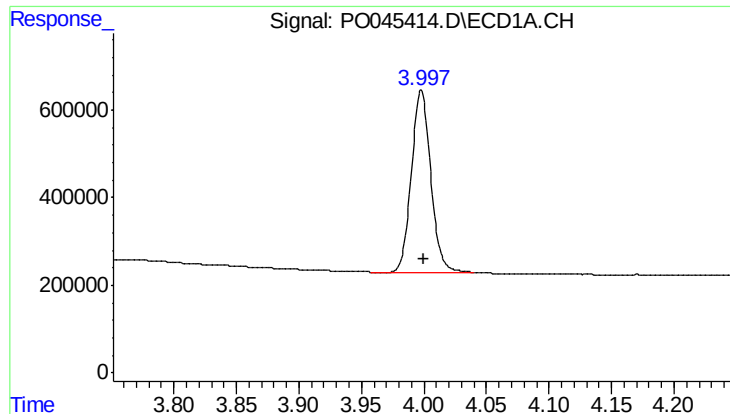
Data Path : P:\HPCHEM1\ECD\_0\Data\PO060418\  
Data File : PO045414.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 03 Jun 2018 14:33  
Operator : SM/UA  
Sample : J3214-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
MS-CON-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 04 02:35:03 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO053018.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu May 31 04:53:22 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

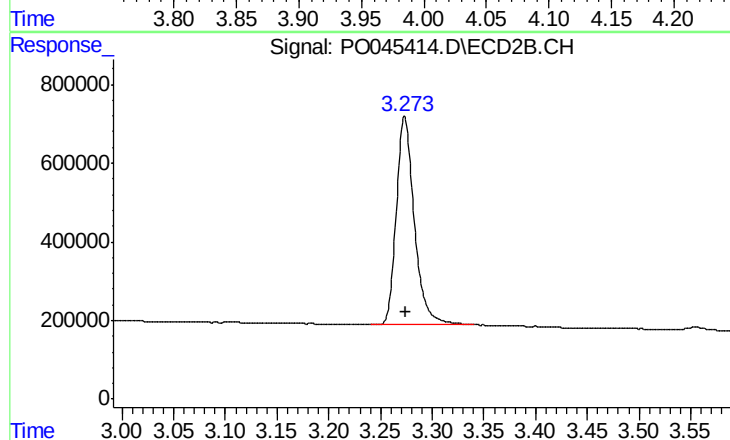




#1 Tetrachloro-m-xylene

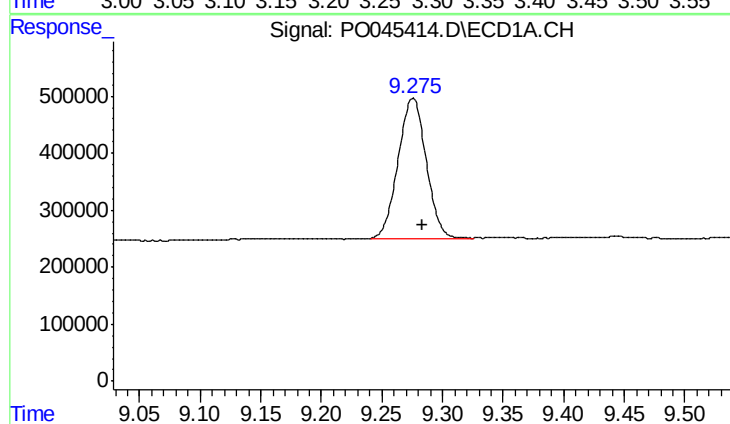
R.T.: 3.998 min  
Delta R.T.: -0.002 min  
Response: 4461611  
Conc: 21.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



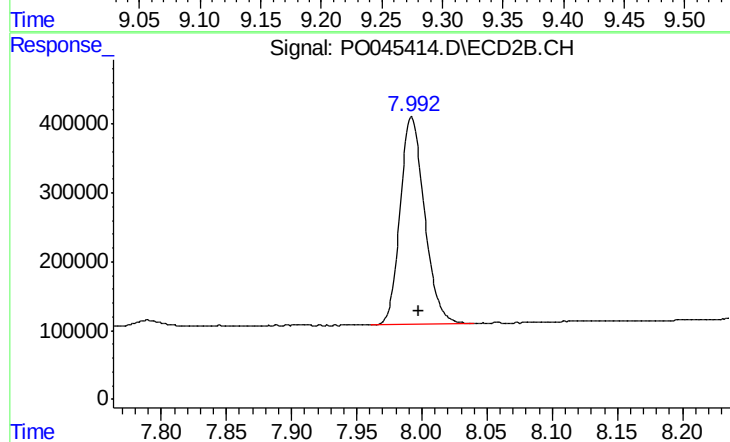
#1 Tetrachloro-m-xylene

R.T.: 3.273 min  
Delta R.T.: -0.002 min  
Response: 6403653  
Conc: 23.09 ng/ml



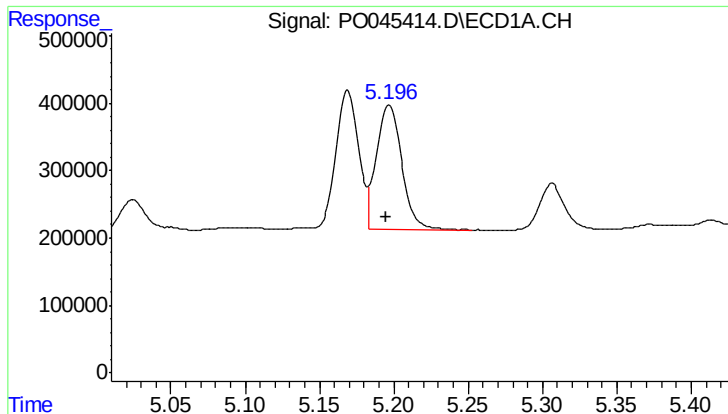
#2 Decachlorobiphenyl

R.T.: 9.276 min  
Delta R.T.: -0.008 min  
Response: 3947249  
Conc: 17.19 ng/ml



#2 Decachlorobiphenyl

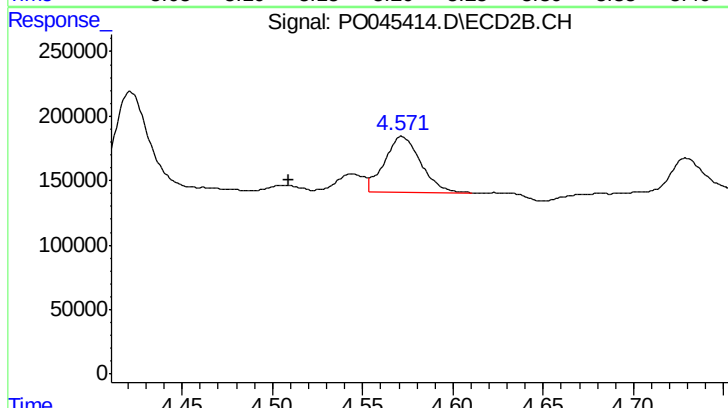
R.T.: 7.992 min  
Delta R.T.: -0.005 min  
Response: 3928023  
Conc: 13.94 ng/ml



#4 AR-1016-2

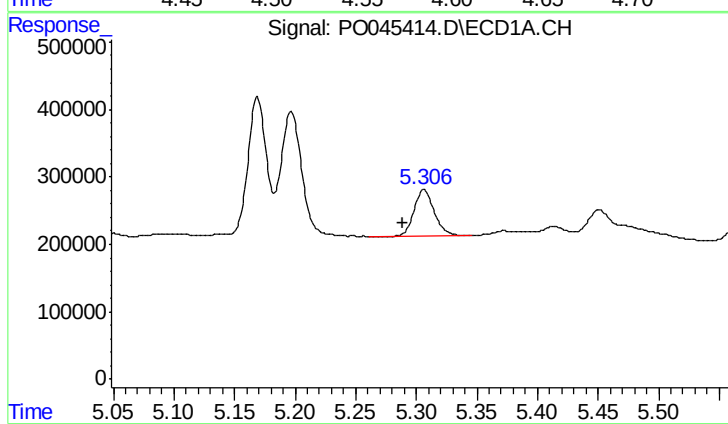
R.T.: 5.197 min  
Delta R.T.: 0.002 min  
Response: 2217487  
Conc: 332.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



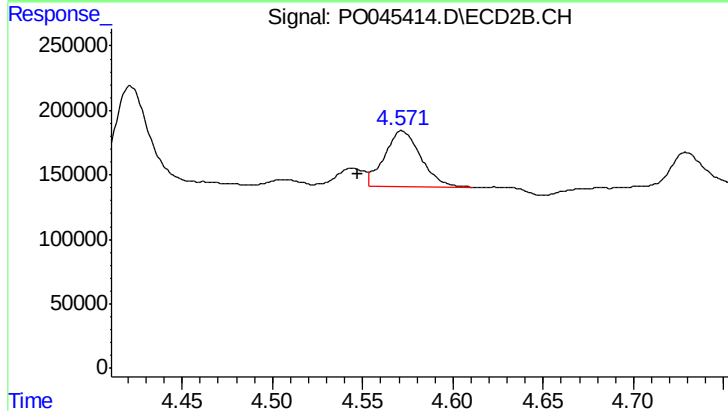
#4 AR-1016-2

R.T.: 4.572 min  
Delta R.T.: 0.063 min  
Response: 595967  
Conc: 101.07 ng/ml



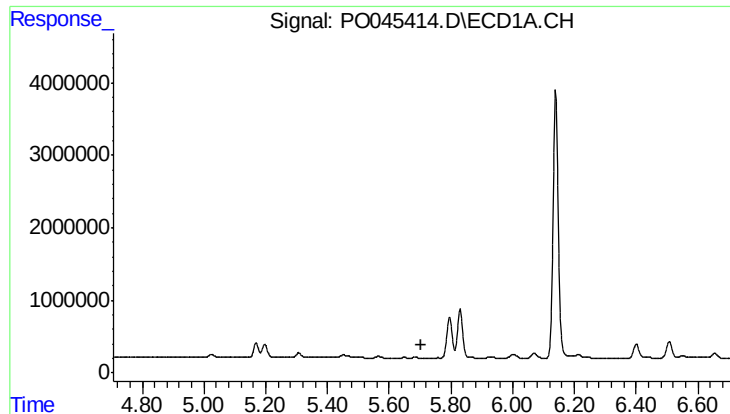
#5 AR-1016-3

R.T.: 5.306 min  
Delta R.T.: 0.018 min  
Response: 791647  
Conc: 141.48 ng/ml



#5 AR-1016-3

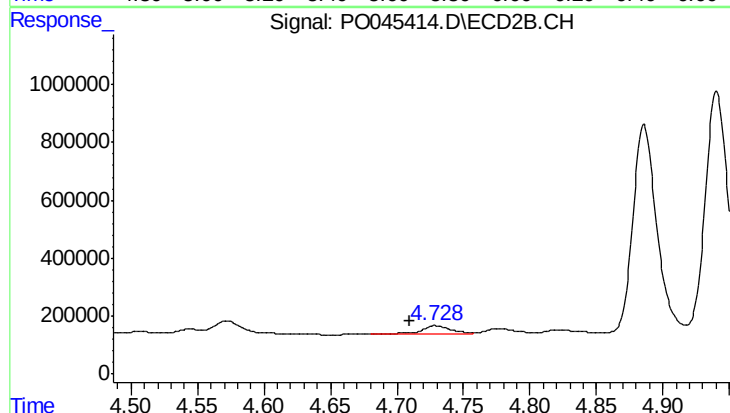
R.T.: 4.572 min  
Delta R.T.: 0.025 min  
Response: 595967  
Conc: 85.07 ng/ml



#6 AR-1016-4

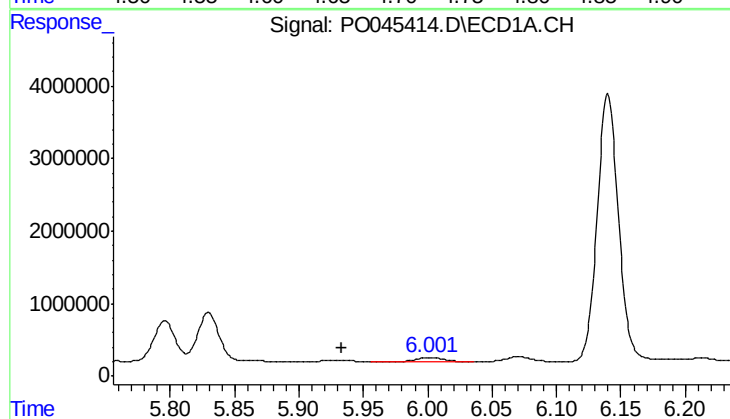
R.T.: 0.000 min  
Exp R.T.: 5.706 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



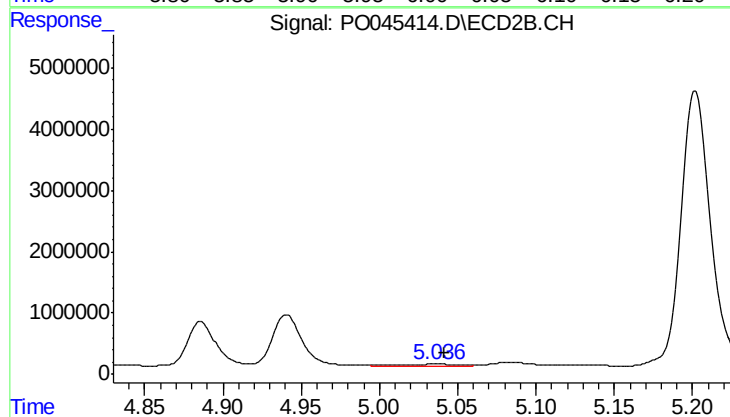
#6 AR-1016-4

R.T.: 4.729 min  
Delta R.T.: 0.019 min  
Response: 415030  
Conc: 55.75 ng/ml



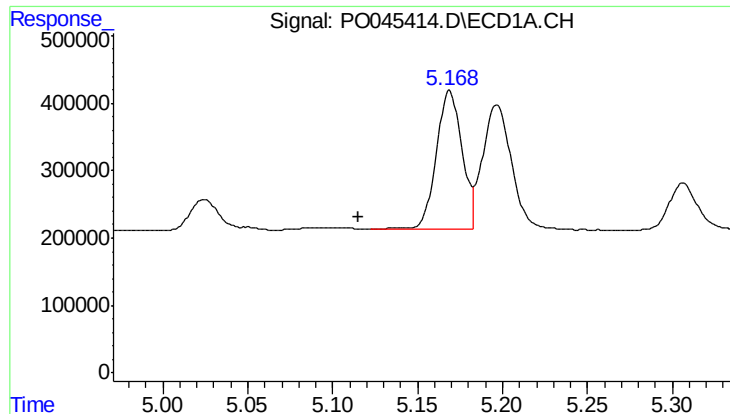
#7 AR-1016-5

R.T.: 6.002 min  
Delta R.T.: 0.069 min  
Response: 717492  
Conc: 142.79 ng/ml



#7 AR-1016-5

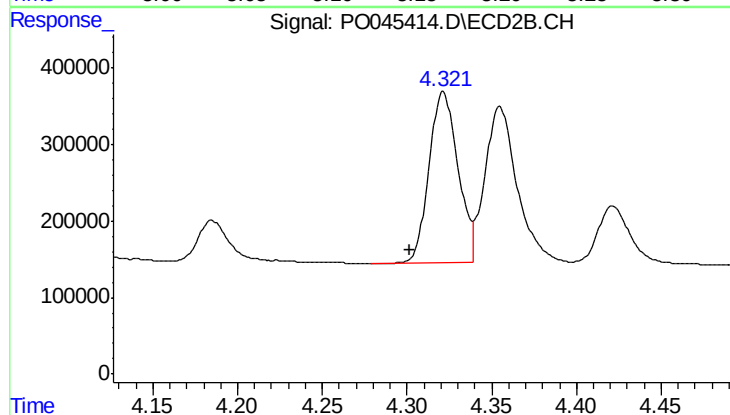
R.T.: 5.036 min  
Delta R.T.: -0.005 min  
Response: 816405  
Conc: 108.89 ng/ml



#12 AR-1232-2

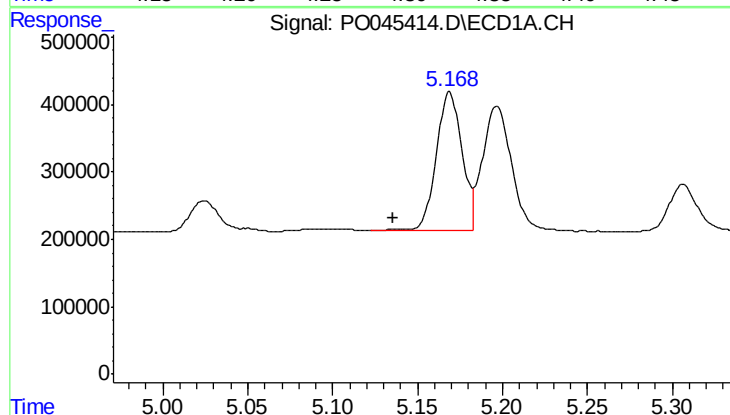
R.T.: 5.169 min  
Delta R.T.: 0.054 min  
Response: 2191595  
Conc: 665.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



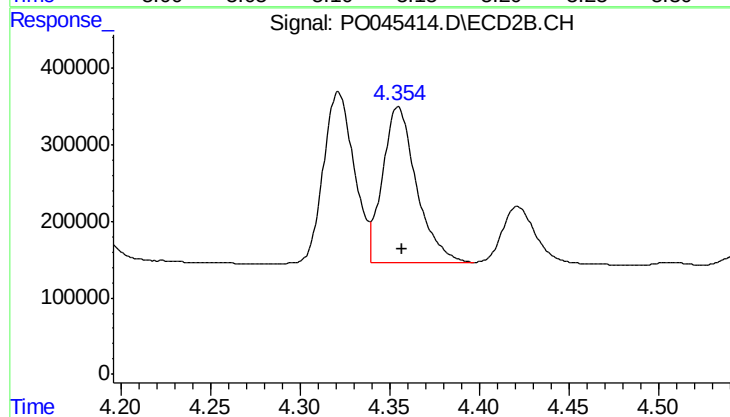
#12 AR-1232-2

R.T.: 4.321 min  
Delta R.T.: 0.020 min  
Response: 2660245  
Conc: 210.61 ng/ml



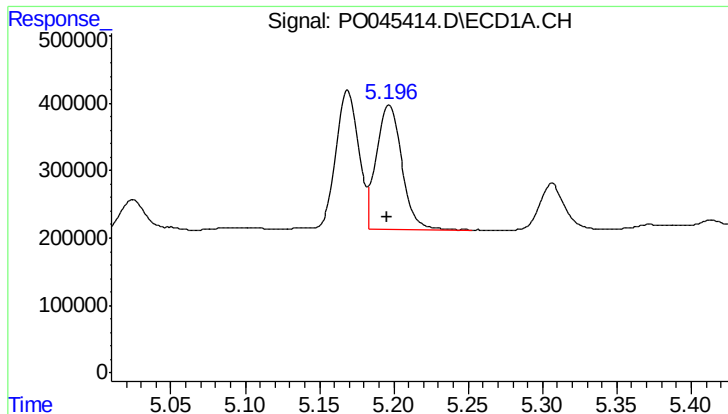
#13 AR-1232-3

R.T.: 5.169 min  
Delta R.T.: 0.033 min  
Response: 2191595  
Conc: 384.11 ng/ml



#13 AR-1232-3

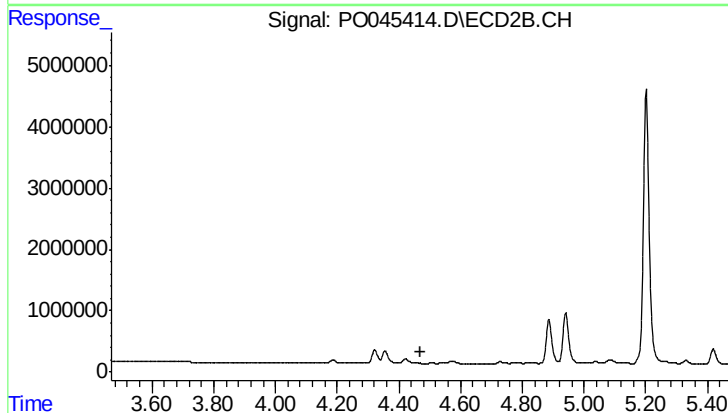
R.T.: 4.355 min  
Delta R.T.: -0.002 min  
Response: 2681686  
Conc: 514.41 ng/ml



#14 AR-1232-4

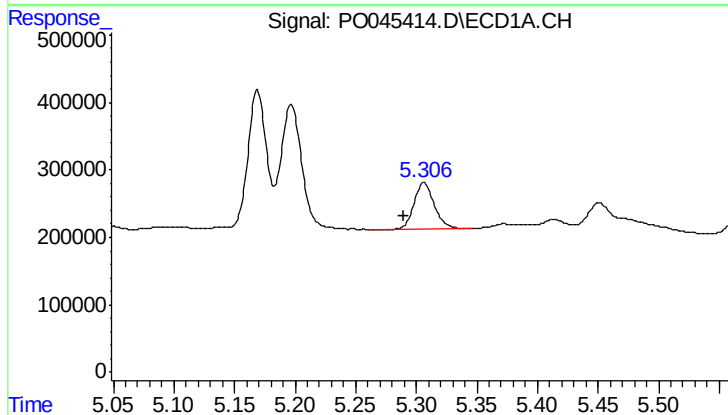
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 2217487  
Conc: 647.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



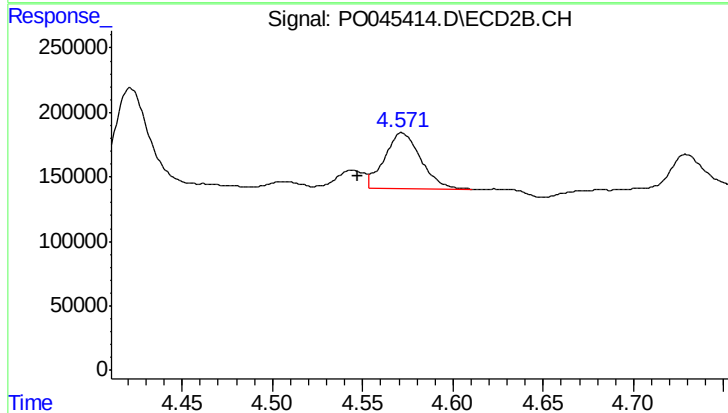
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 4.468 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

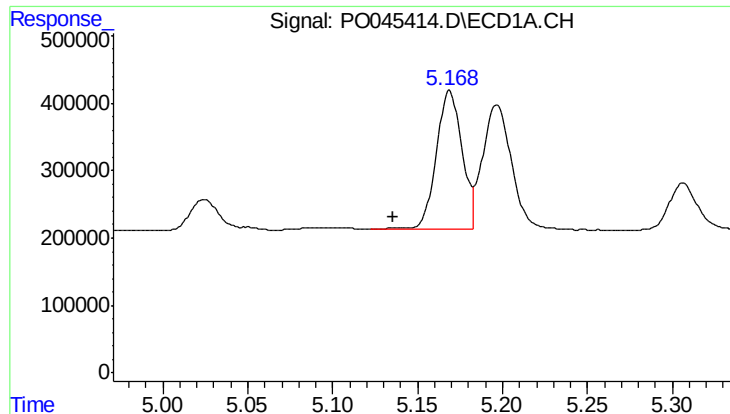
R.T.: 5.306 min  
Delta R.T.: 0.016 min  
Response: 791647  
Conc: 294.60 ng/ml



#15 AR-1232-5

R.T.: 4.572 min  
Delta R.T.: 0.025 min  
Response: 595967  
Conc: 176.20 ng/ml

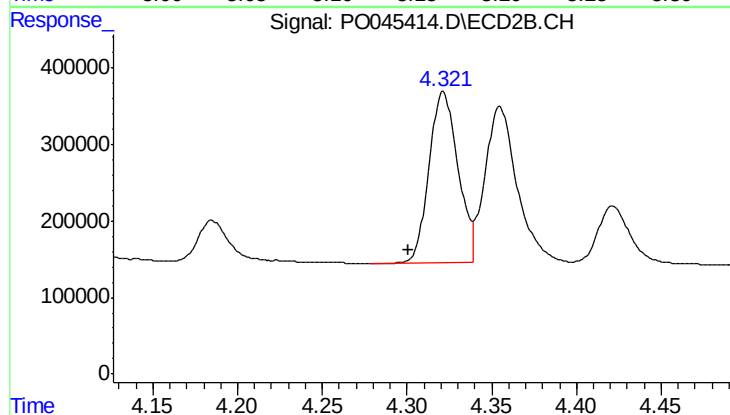




#17 AR-1242-2

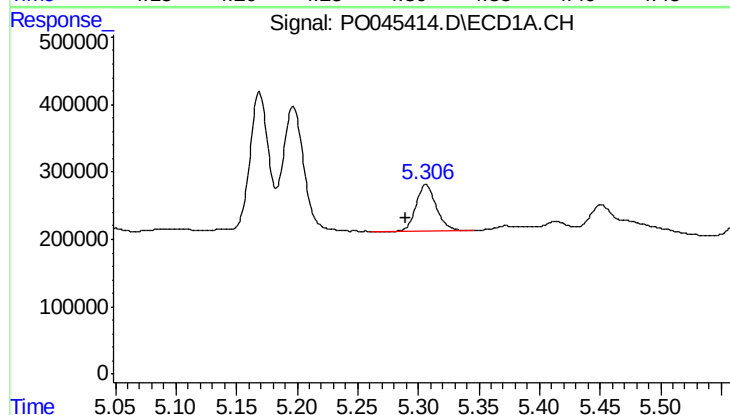
R.T.: 5.169 min  
Delta R.T.: 0.033 min  
Response: 2191595  
Conc: 241.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



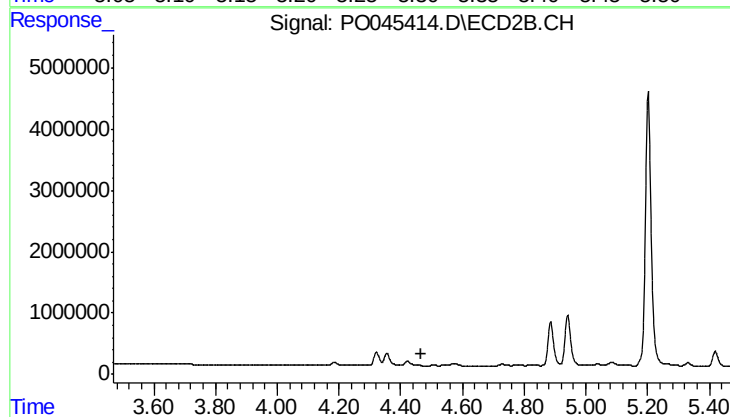
#17 AR-1242-2

R.T.: 4.321 min  
Delta R.T.: 0.020 min  
Response: 2660245  
Conc: 130.01 ng/ml



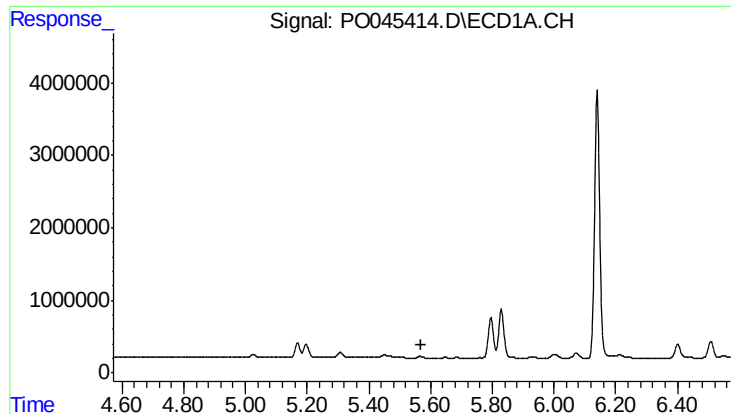
#18 AR-1242-3

R.T.: 5.306 min  
Delta R.T.: 0.017 min  
Response: 791647  
Conc: 177.98 ng/ml



#18 AR-1242-3

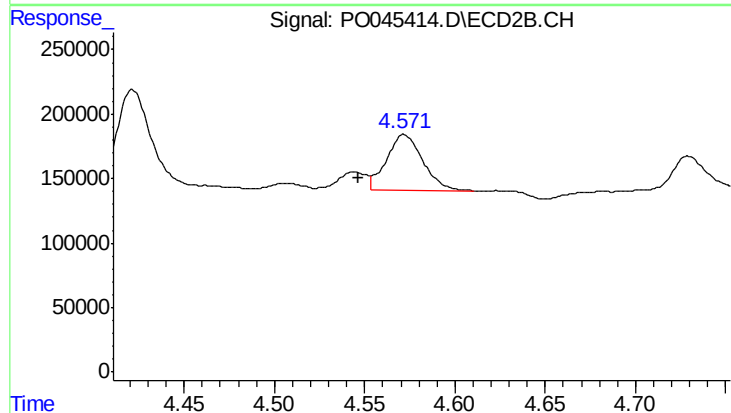
R.T.: 0.000 min  
Exp R.T.: 4.468 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

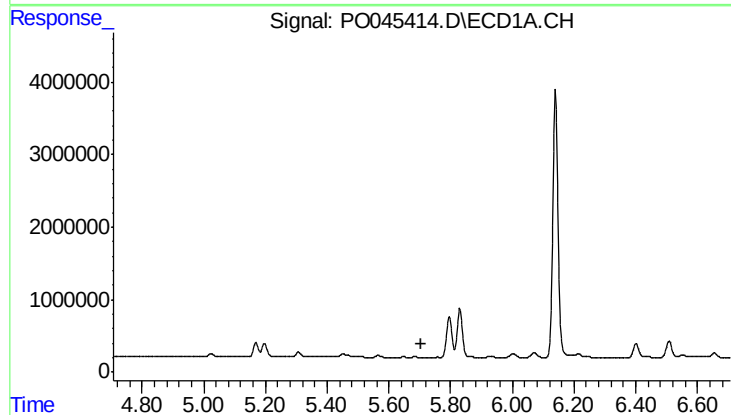
R.T.: 0.000 min  
Exp R.T.: 5.572 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



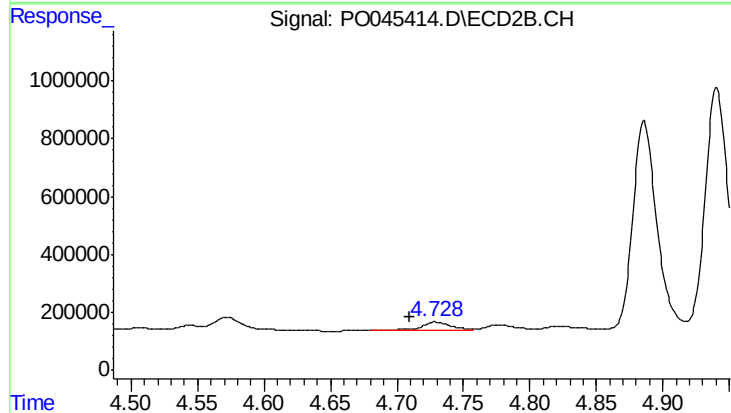
#19 AR-1242-4

R.T.: 4.572 min  
Delta R.T.: 0.025 min  
Response: 595967  
Conc: 99.62 ng/ml



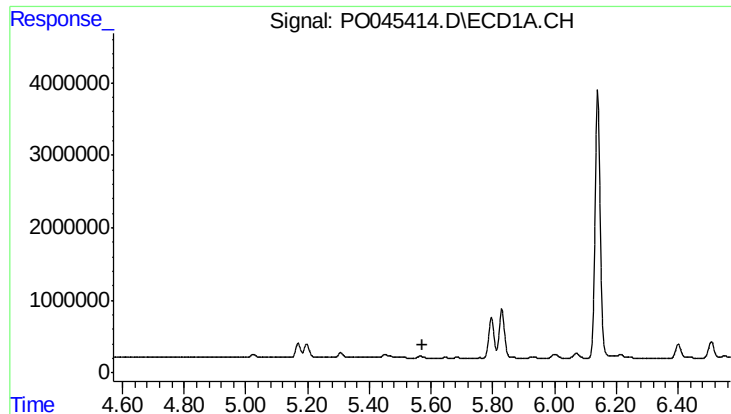
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 5.707 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

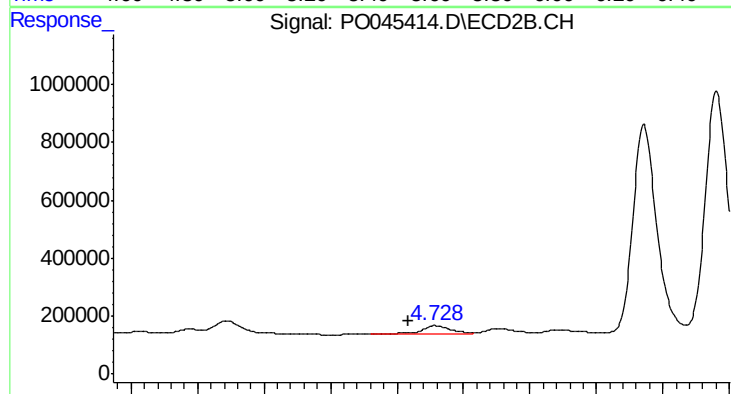
R.T.: 4.729 min  
Delta R.T.: 0.019 min  
Response: 415030  
Conc: 63.61 ng/ml



#21 AR-1248-1

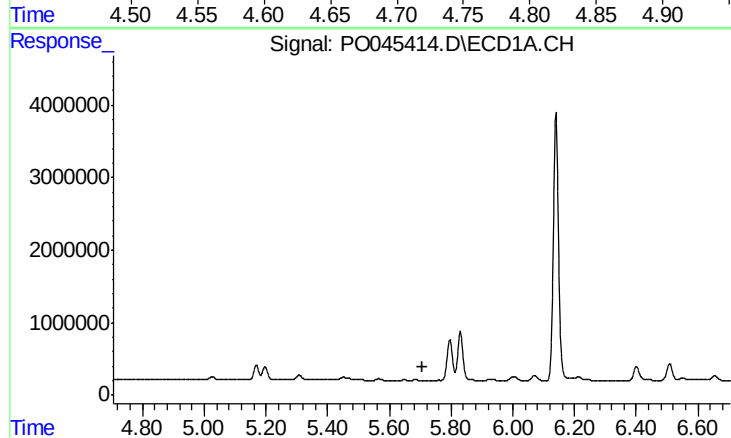
R.T.: 0.000 min  
Exp R.T.: 5.570 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



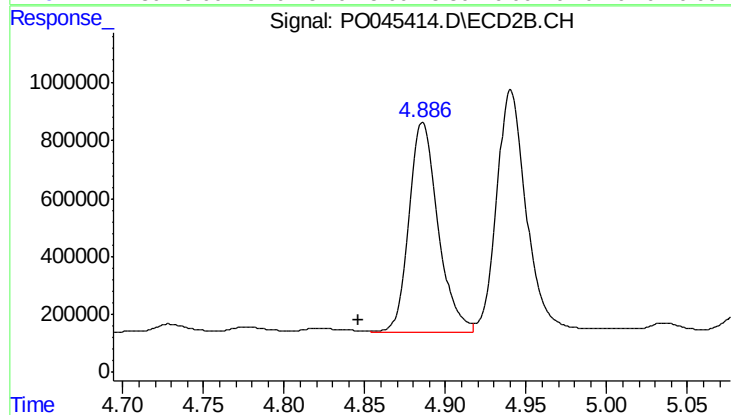
#21 AR-1248-1

R.T.: 4.729 min  
Delta R.T.: 0.020 min  
Response: 415030  
Conc: 39.10 ng/ml



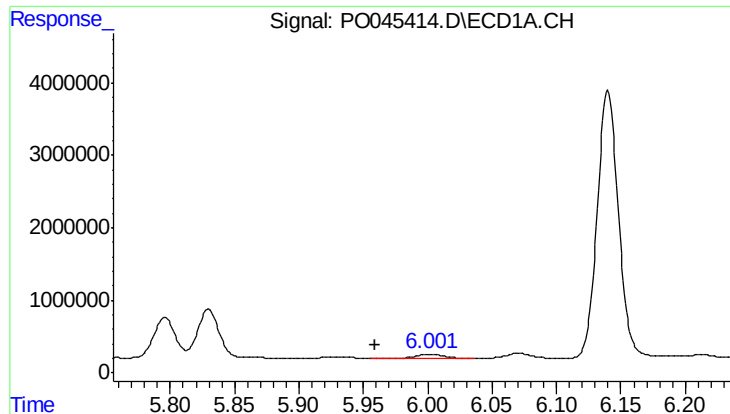
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.705 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

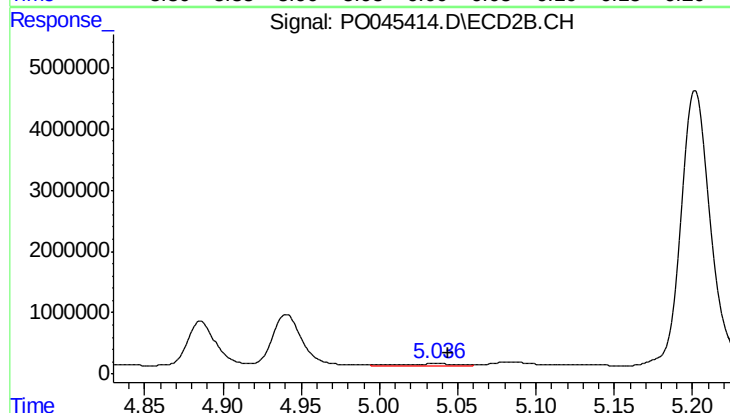
R.T.: 4.886 min  
Delta R.T.: 0.040 min  
Response: 9159032  
Conc: 890.10 ng/ml



#23 AR-1248-3

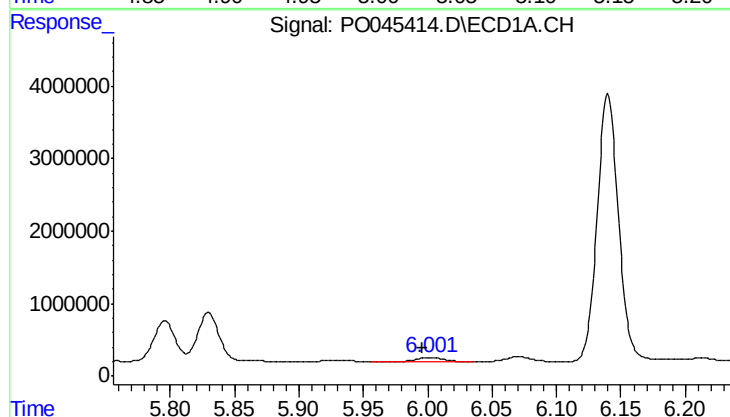
R.T.: 6.002 min  
Delta R.T.: 0.042 min  
Response: 717492  
Conc: 82.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



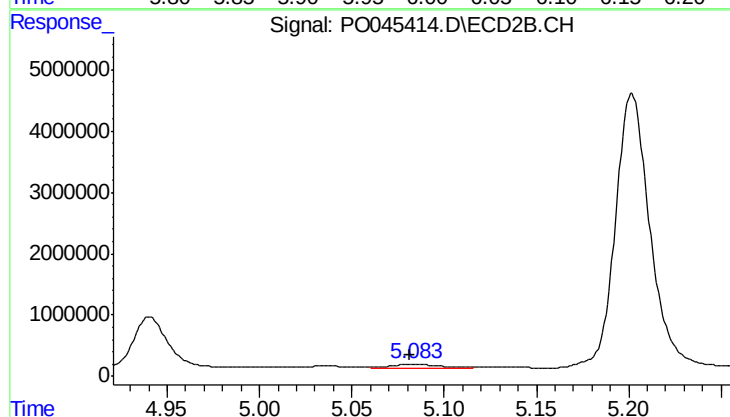
#23 AR-1248-3

R.T.: 5.036 min  
Delta R.T.: -0.007 min  
Response: 816405  
Conc: 50.77 ng/ml



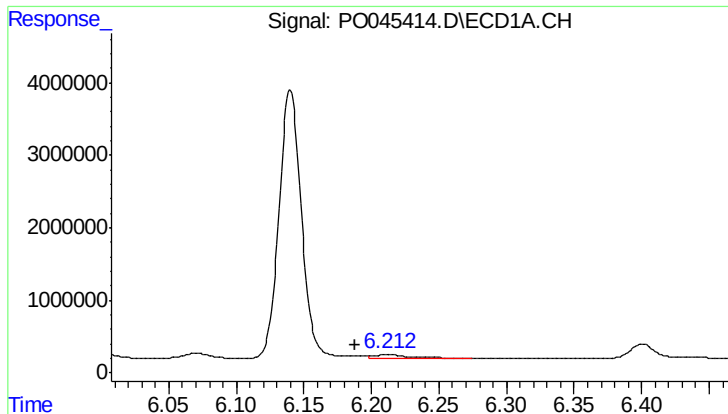
#24 AR-1248-4

R.T.: 6.002 min  
Delta R.T.: 0.006 min  
Response: 717492  
Conc: 81.05 ng/ml



#24 AR-1248-4

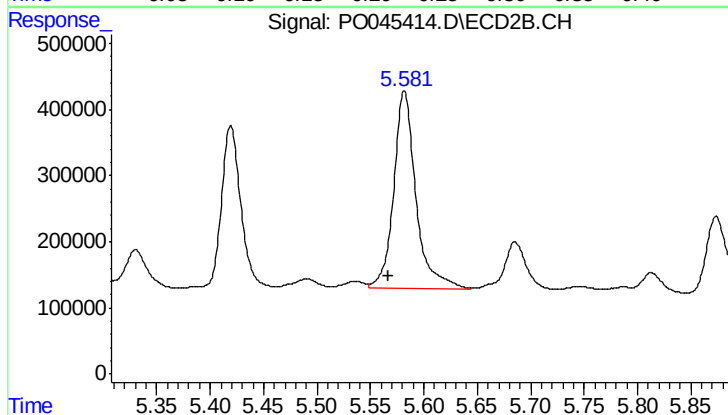
R.T.: 5.083 min  
Delta R.T.: 0.002 min  
Response: 1239145  
Conc: 92.48 ng/ml



#25 AR-1248-5

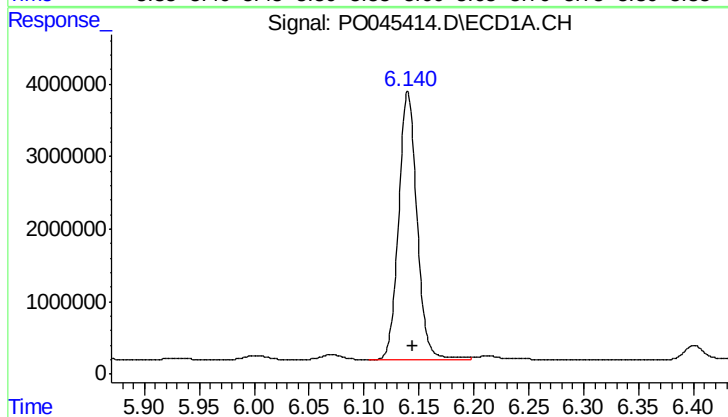
R.T.: 6.212 min  
Delta R.T.: 0.025 min  
Response: 763509  
Conc: 136.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



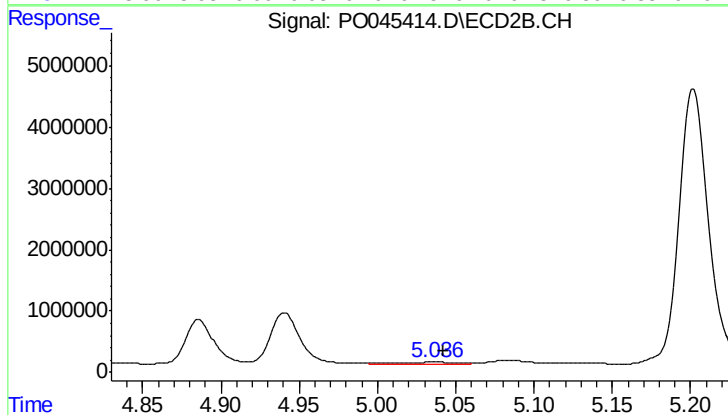
#25 AR-1248-5

R.T.: 5.582 min  
Delta R.T.: 0.014 min  
Response: 4359369  
Conc: 605.91 ng/ml



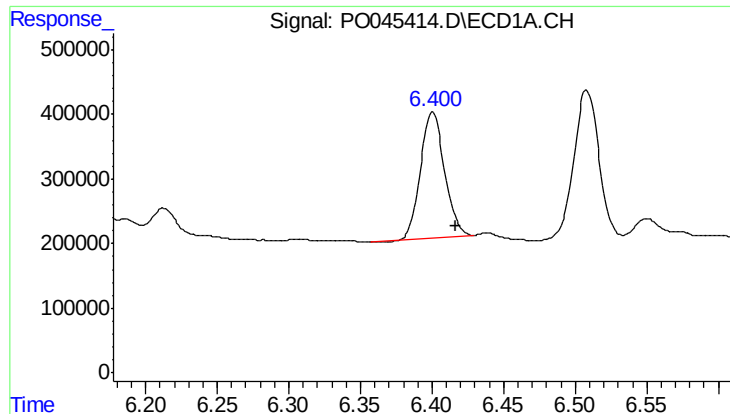
#26 AR-1254-1

R.T.: 6.140 min  
Delta R.T.: -0.005 min  
Response: 42898977  
Conc: 3101.93 ng/ml



#26 AR-1254-1

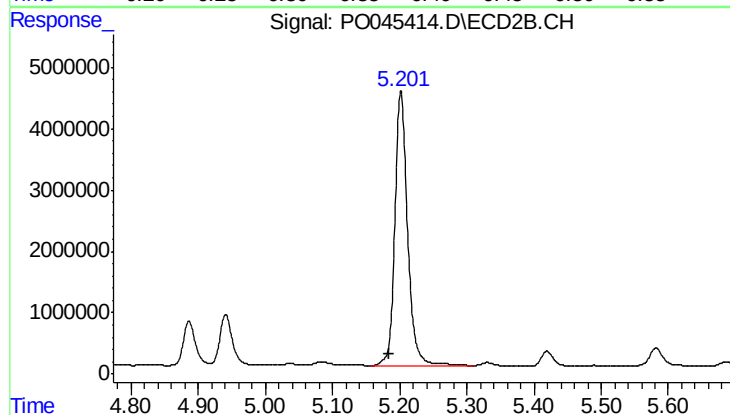
R.T.: 5.036 min  
Delta R.T.: -0.006 min  
Response: 816405  
Conc: 44.06 ng/ml



#27 AR-1254-2

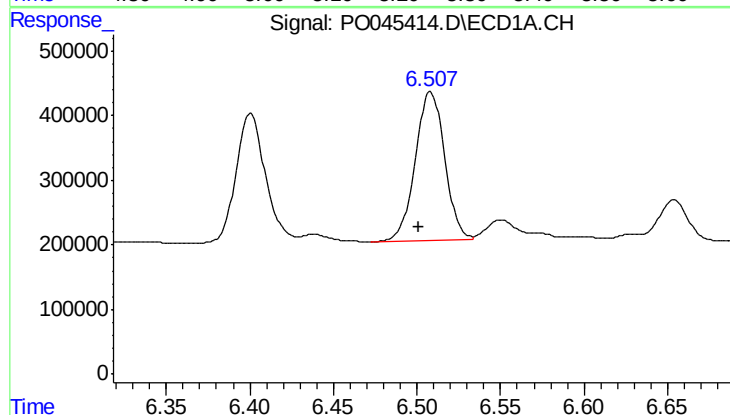
R.T.: 6.401 min  
Delta R.T.: -0.016 min  
Response: 2257392  
Conc: 234.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



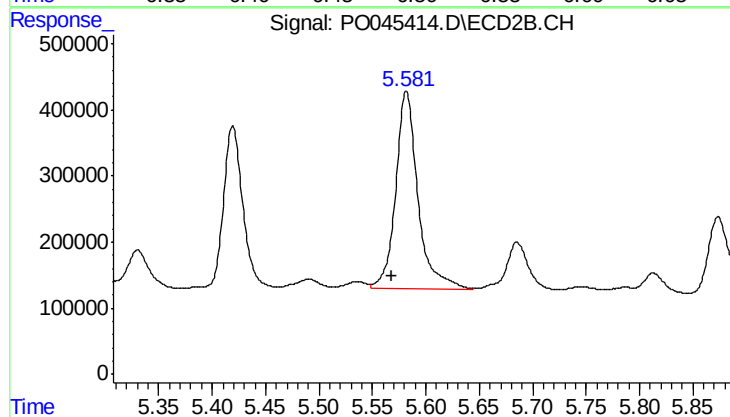
#27 AR-1254-2

R.T.: 5.202 min  
Delta R.T.: 0.017 min  
Response: 59542699  
Conc: 3693.16 ng/ml



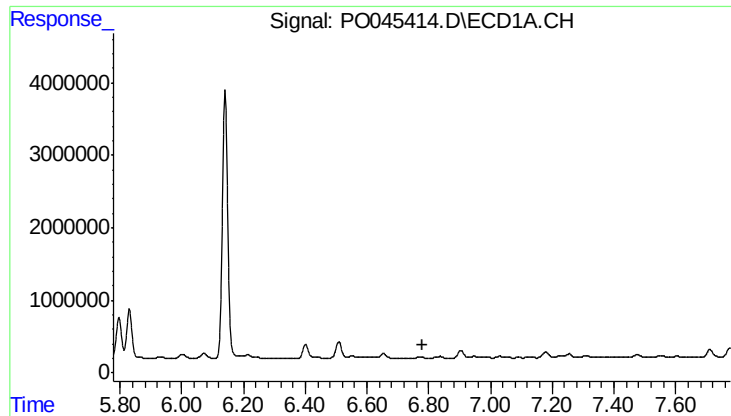
#28 AR-1254-3

R.T.: 6.508 min  
Delta R.T.: 0.007 min  
Response: 2800225  
Conc: 177.72 ng/ml



#28 AR-1254-3

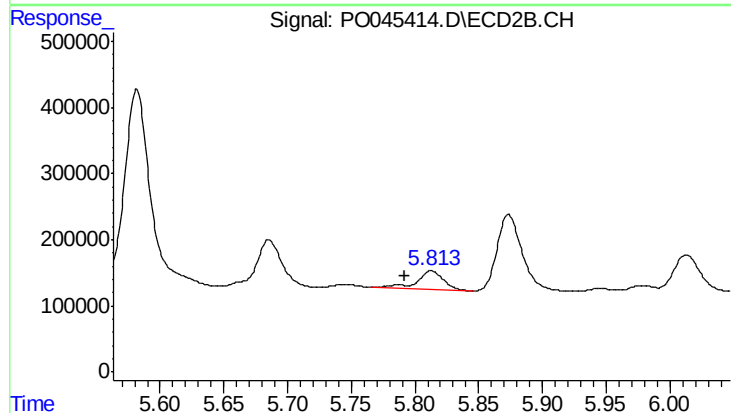
R.T.: 5.582 min  
Delta R.T.: 0.014 min  
Response: 4359369  
Conc: 169.17 ng/ml



#29 AR-1254-4

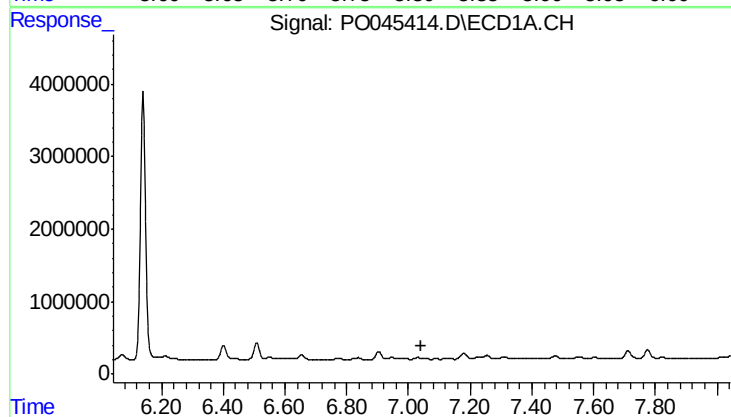
R.T.: 0.000 min  
Exp R.T.: 6.778 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



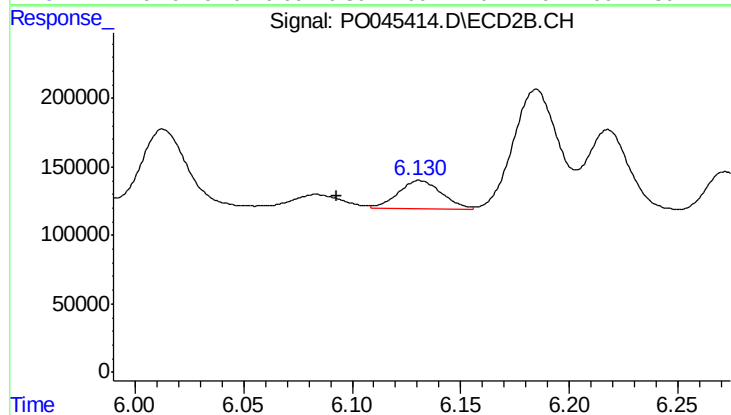
#29 AR-1254-4

R.T.: 5.813 min  
Delta R.T.: 0.021 min  
Response: 384888  
Conc: 19.33 ng/ml



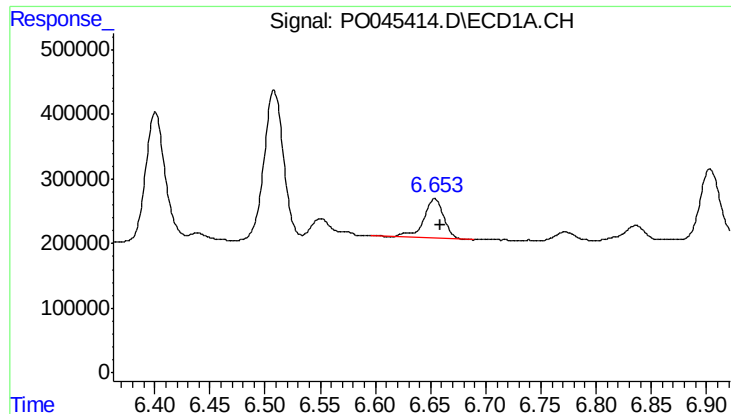
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 7.043 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

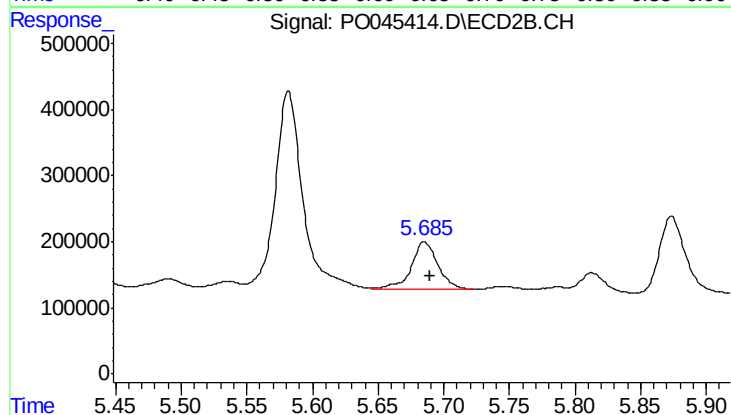
R.T.: 6.131 min  
Delta R.T.: 0.038 min  
Response: 294200  
Conc: 24.56 ng/ml



#31 AR-1260-1

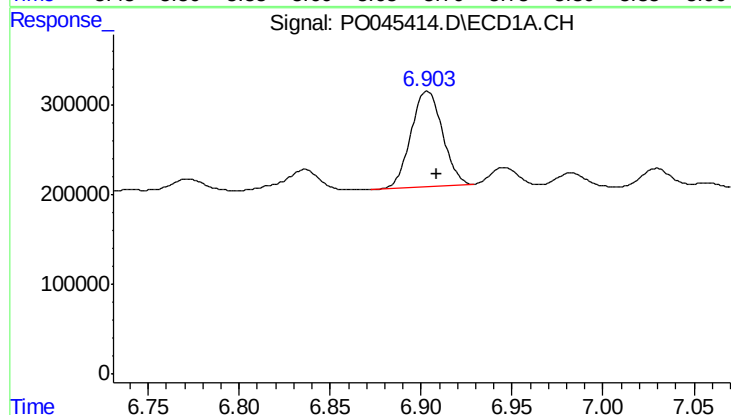
R.T.: 6.654 min  
Delta R.T.: -0.006 min  
Response: 777026  
Conc: 67.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



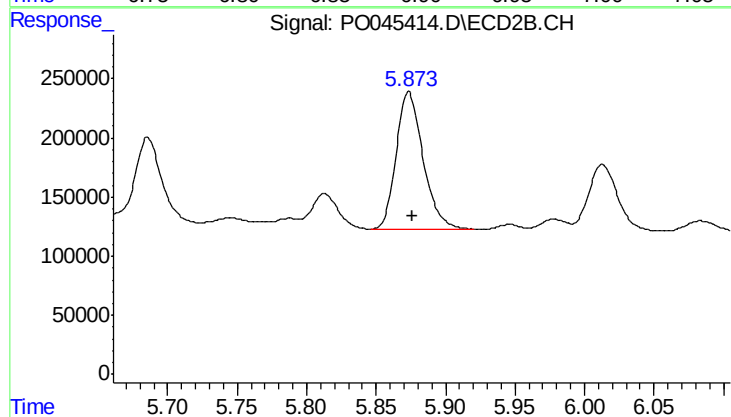
#31 AR-1260-1

R.T.: 5.685 min  
Delta R.T.: -0.004 min  
Response: 1004489  
Conc: 61.37 ng/ml



#32 AR-1260-2

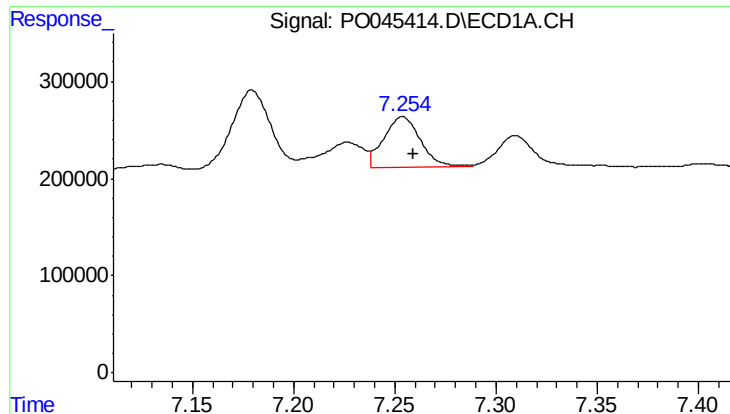
R.T.: 6.903 min  
Delta R.T.: -0.006 min  
Response: 1285284  
Conc: 84.47 ng/ml



#32 AR-1260-2

R.T.: 5.873 min  
Delta R.T.: -0.003 min  
Response: 1557323  
Conc: 73.71 ng/ml

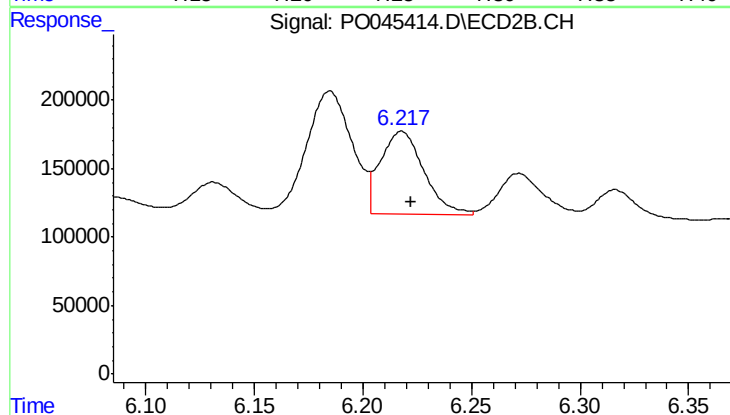




#33 AR-1260-3

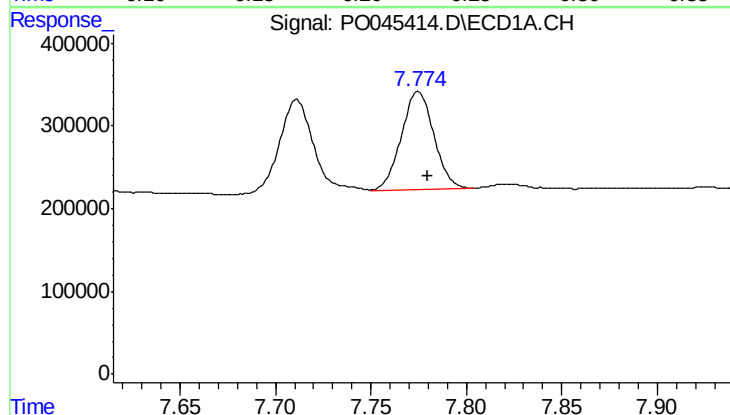
R.T.: 7.254 min  
Delta R.T.: -0.006 min  
Response: 667238  
Conc: 52.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



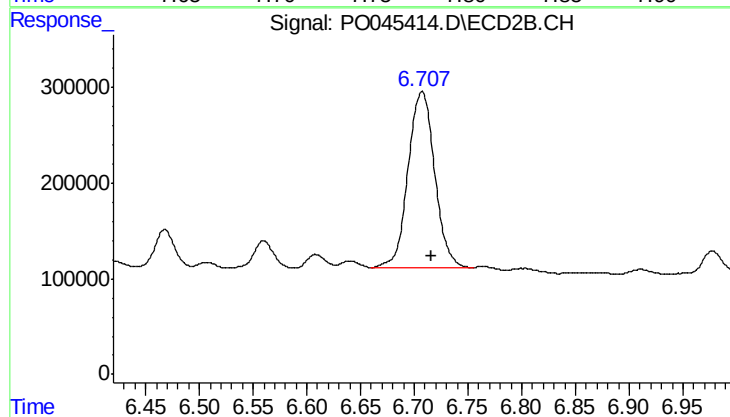
#33 AR-1260-3

R.T.: 6.218 min  
Delta R.T.: -0.004 min  
Response: 853707  
Conc: 45.10 ng/ml



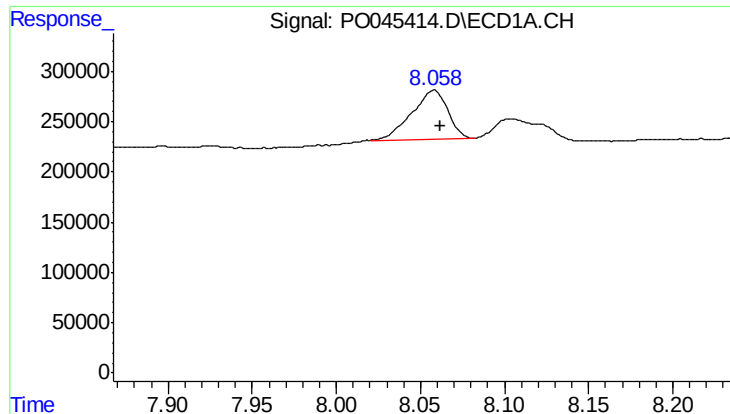
#34 AR-1260-4

R.T.: 7.775 min  
Delta R.T.: -0.005 min  
Response: 1390275  
Conc: 48.94 ng/ml



#34 AR-1260-4

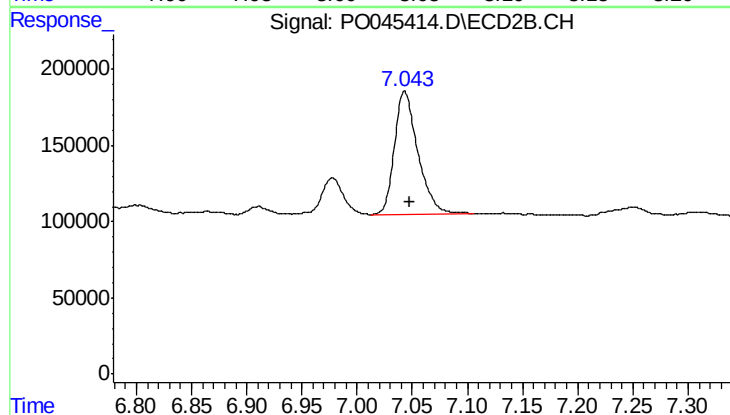
R.T.: 6.707 min  
Delta R.T.: -0.009 min  
Response: 3184669  
Conc: 80.89 ng/ml



#35 AR-1260-5

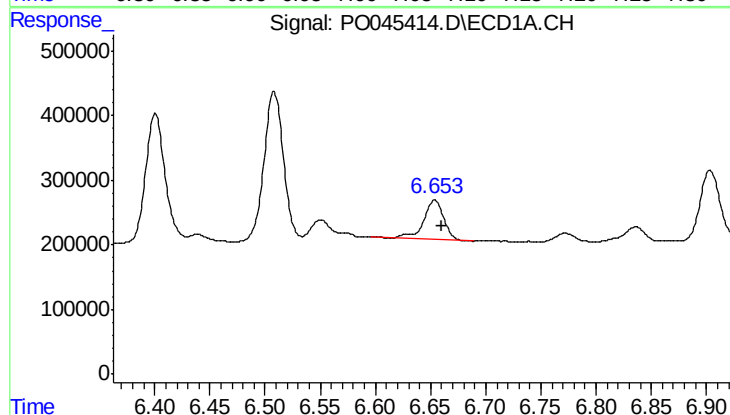
R.T.: 8.058 min  
Delta R.T.: -0.003 min  
Response: 717490  
Conc: 42.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



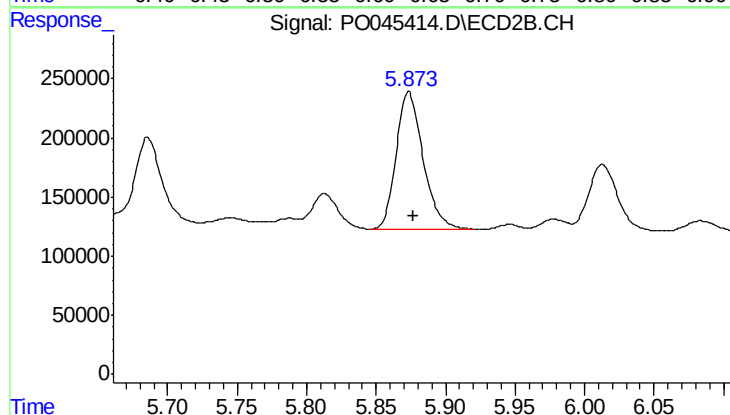
#35 AR-1260-5

R.T.: 7.043 min  
Delta R.T.: -0.005 min  
Response: 1192657  
Conc: 43.33 ng/ml



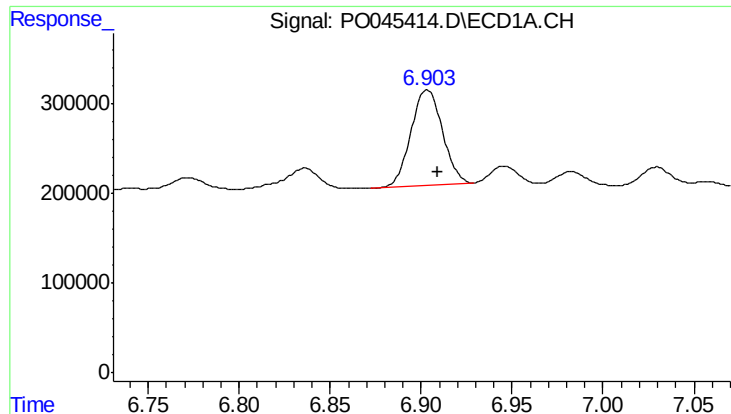
#36 AR-1262-1

R.T.: 6.654 min  
Delta R.T.: -0.006 min  
Response: 777026  
Conc: 71.37 ng/ml



#36 AR-1262-1

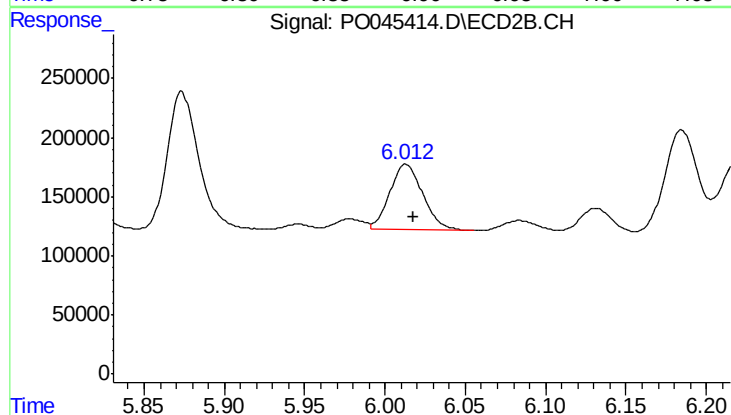
R.T.: 5.873 min  
Delta R.T.: -0.004 min  
Response: 1557323  
Conc: 82.27 ng/ml



#37 AR-1262-2

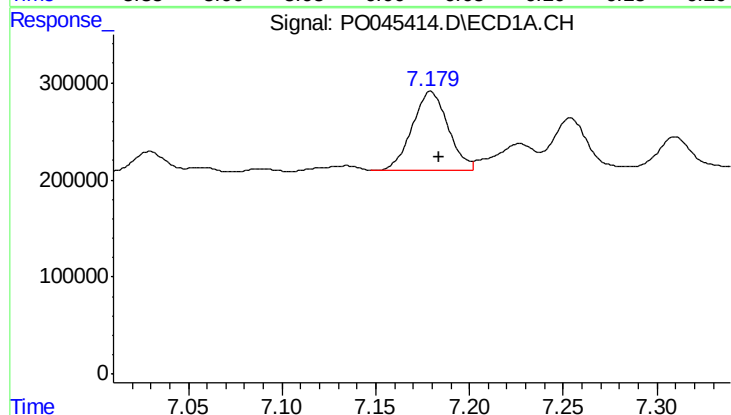
R.T.: 6.903 min  
Delta R.T.: -0.006 min  
Response: 1285284  
Conc: 93.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



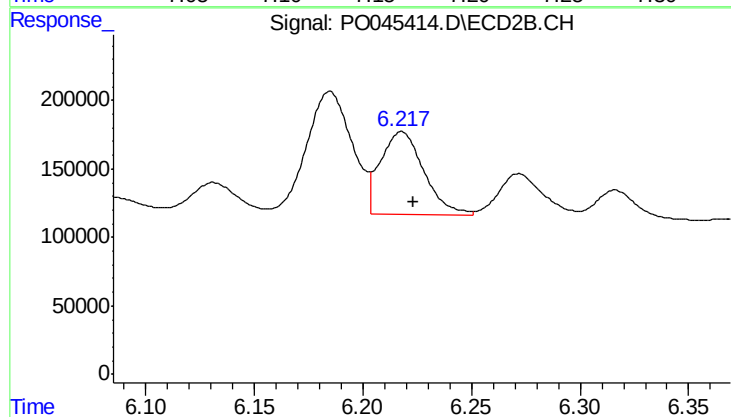
#37 AR-1262-2

R.T.: 6.013 min  
Delta R.T.: -0.005 min  
Response: 802912  
Conc: 43.75 ng/ml



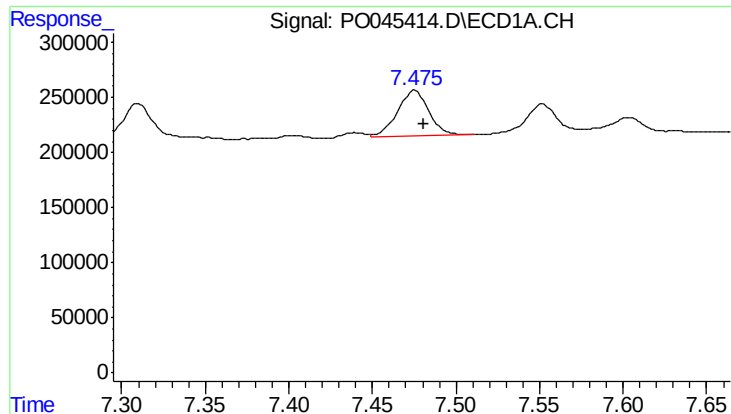
#38 AR-1262-3

R.T.: 7.179 min  
Delta R.T.: -0.004 min  
Response: 1076544  
Conc: 84.48 ng/ml



#38 AR-1262-3

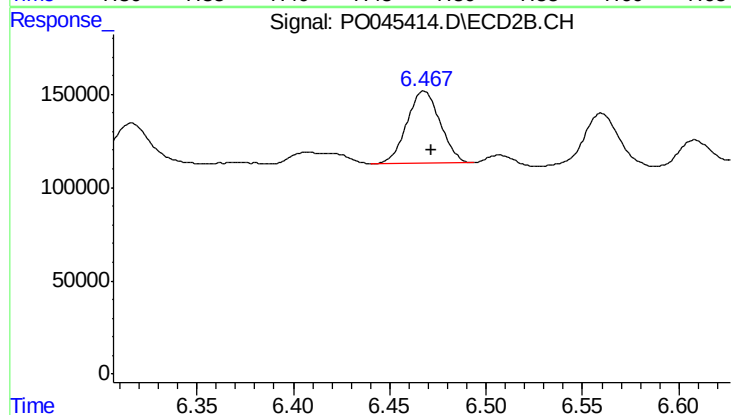
R.T.: 6.218 min  
Delta R.T.: -0.005 min  
Response: 853707  
Conc: 27.84 ng/ml



#39 AR-1262-4

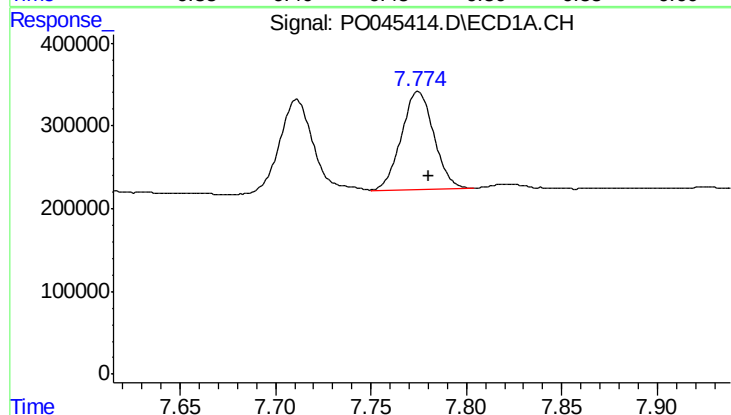
R.T.: 7.475 min  
Delta R.T.: -0.006 min  
Response: 551054  
Conc: 32.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



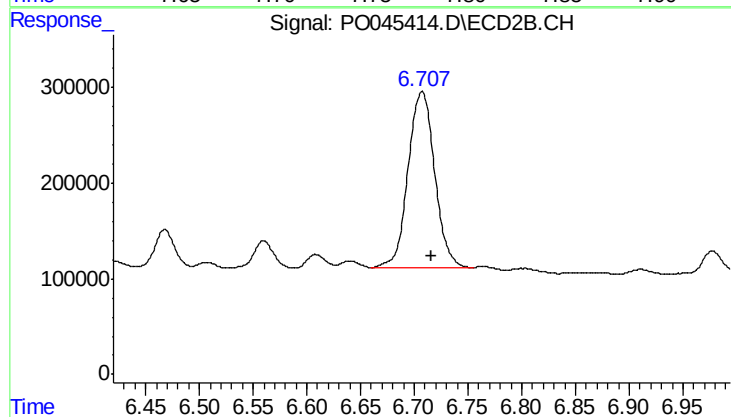
#39 AR-1262-4

R.T.: 6.468 min  
Delta R.T.: -0.004 min  
Response: 466967  
Conc: 18.53 ng/ml



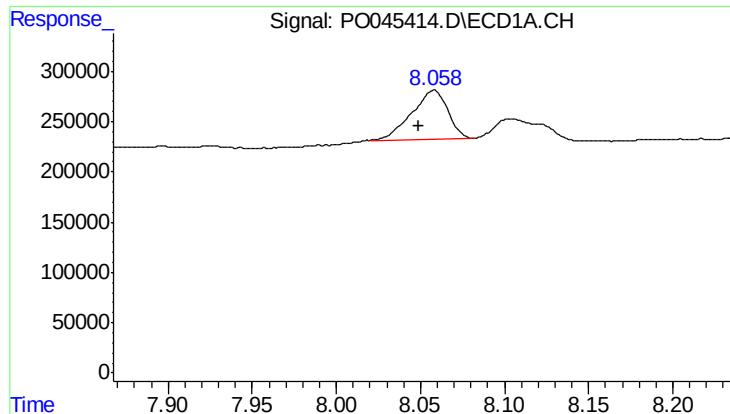
#40 AR-1262-5

R.T.: 7.775 min  
Delta R.T.: -0.006 min  
Response: 1390275  
Conc: 37.62 ng/ml



#40 AR-1262-5

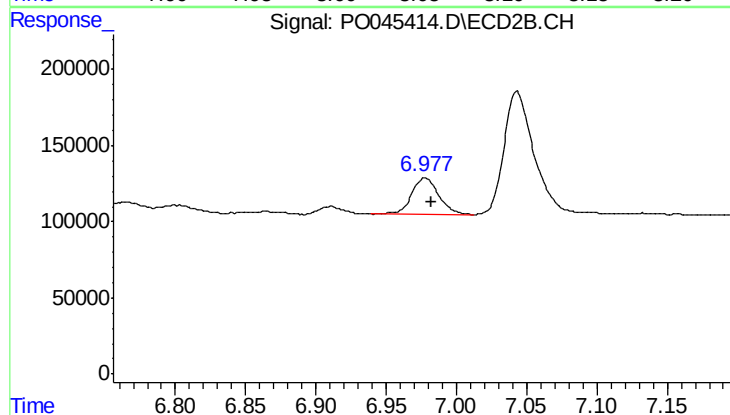
R.T.: 6.707 min  
Delta R.T.: -0.009 min  
Response: 3184669  
Conc: 58.44 ng/ml



#41 AR-1268-1

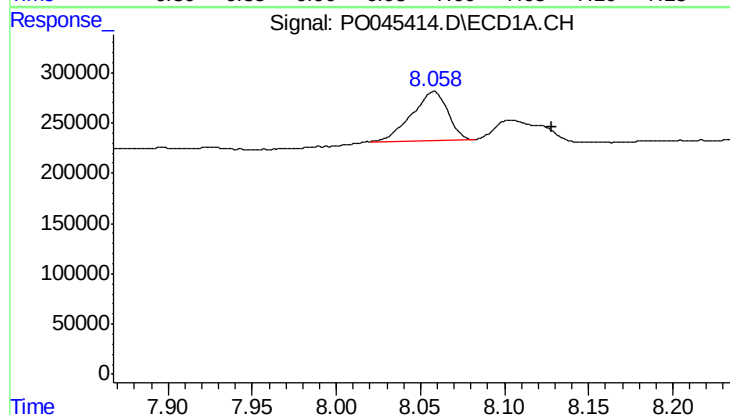
R.T.: 8.058 min  
Delta R.T.: 0.009 min  
Response: 717490  
Conc: 18.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



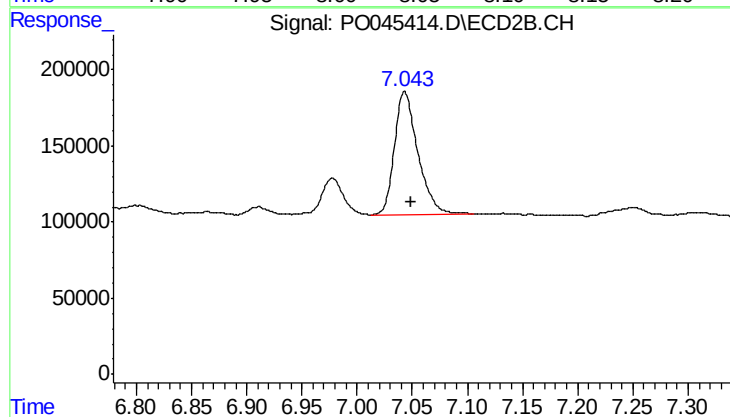
#41 AR-1268-1

R.T.: 6.978 min  
Delta R.T.: -0.005 min  
Response: 322605  
Conc: 5.85 ng/ml



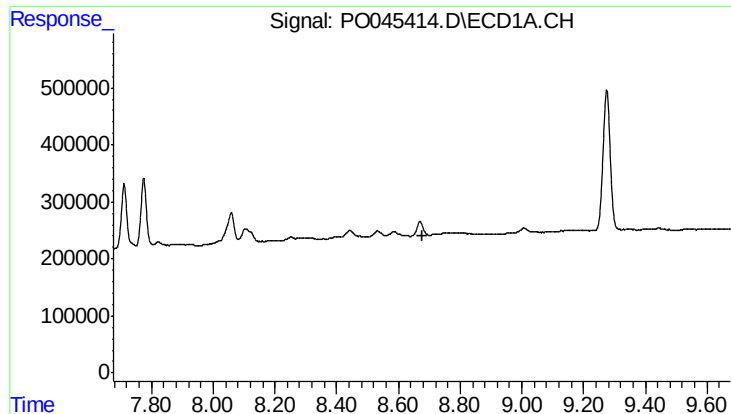
#42 AR-1268-2

R.T.: 8.058 min  
Delta R.T.: -0.070 min  
Response: 717490  
Conc: 21.06 ng/ml



#42 AR-1268-2

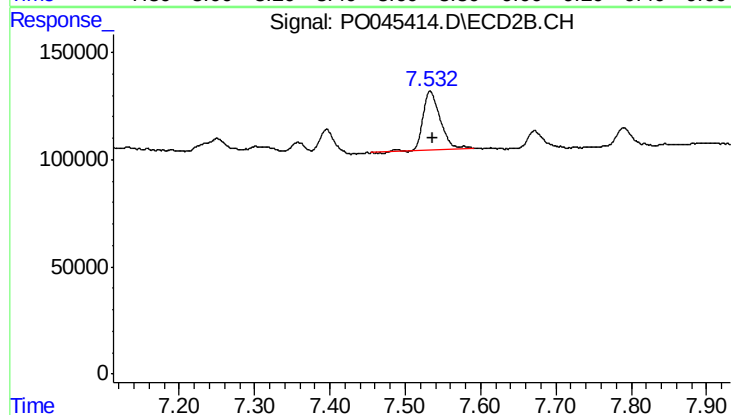
R.T.: 7.043 min  
Delta R.T.: -0.006 min  
Response: 1192657  
Conc: 23.36 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 8.676 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
MS-CON-1



#44 AR-1268-4

R.T.: 7.533 min  
Delta R.T.: -0.004 min  
Response: 445930  
Conc: 25.62 ng/ml