

Data Path : P:\HPCHEM1\ECD\_0\Data\P0043018\  
 Data File : P0044218.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Apr 2018 14:14  
 Operator : SM/UA  
 Sample : J2592-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 OD-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 15:11:05 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0042518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 26 04:36:05 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...          | 4.069 | 3.343 | 5389977 | 6415612 | 7.529   | 6.632    |
| 2) SA Decachlor...          | 9.388 | 8.062 | 7405993 | 8106258 | 12.024  | 9.768    |
| Target Compounds            |       |       |         |         |         |          |
| 3) L1 AR-1016-1             | 4.922 | 4.117 | 716134  | 1035768 | 49.548  | 49.404   |
| 4) L1 AR-1016-2             | 5.231 | 4.531 | 281064  | 759908  | 15.174  | 47.246 # |
| 5) L1 AR-1016-3             | 5.354 | 4.641 | 509974  | 358923  | 34.303  | 18.581 # |
| 6) L1 AR-1016-4             | 5.794 | 4.778 | 325911  | 428984  | 22.252  | 20.971   |
| 7) L1 AR-1016-5             | 5.999 | 0.000 | 183582  | 0       | 15.172  | N.D. #   |
| 9) L2 AR-1221-2             | 4.361 | 0.000 | 297246  | 0       | 39.588  | N.D. #   |
| 10) L2 AR-1221-3            | 4.361 | 0.000 | 297246  | 0       | 12.492  | N.D. #   |
| 11) L3 AR-1232-1            | 4.361 | 0.000 | 297246  | 0       | 26.743  | N.D. #   |
| 12) L3 AR-1232-2            | 5.137 | 4.339 | 1926392 | 695811  | 254.428 | 24.736 # |
| 13) L3 AR-1232-3            | 5.231 | 4.413 | 281064  | 357440  | 22.218  | 31.004 # |
| 14) L3 AR-1232-4            | 5.231 | 4.531 | 281064  | 759908  | 35.634  | 89.181 # |
| 15) L3 AR-1232-5            | 5.354 | 4.641 | 509974  | 358923  | 81.857  | 48.898 # |
| 16) L4 AR-1242-1            | 4.766 | 4.117 | 407978  | 1035768 | 44.065  | 75.204 # |
| 17) L4 AR-1242-2            | 5.231 | 4.339 | 281064  | 695811  | 13.875  | 15.439   |
| 18) L4 AR-1242-3            | 5.354 | 4.531 | 509974  | 759908  | 51.417  | 55.435   |
| 19) L4 AR-1242-4            | 5.646 | 4.641 | 992562  | 358923  | 110.140 | 28.047 # |
| 20) L4 AR-1242-5            | 5.794 | 4.778 | 325911  | 428984  | 31.816  | 31.738   |
| 21) L5 AR-1248-1            | 5.646 | 4.778 | 992562  | 428984  | 61.722  | 17.918 # |
| 22) L5 AR-1248-2            | 5.794 | 0.000 | 325911  | 0       | 22.767  | N.D. #   |
| 23) L5 AR-1248-3            | 5.999 | 0.000 | 183582  | 0       | 9.831   | N.D. #   |
| 24) L5 AR-1248-4            | 5.999 | 0.000 | 183582  | 0       | 9.727   | N.D. #   |
| 28) L6 AR-1254-3            | 6.586 | 0.000 | 772084  | 0       | 20.467  | N.D. #   |
| 32) L7 AR-1260-2            | 0.000 | 5.936 | 0       | 581826  | N.D.    | 10.818 # |
| 36) L8 AR-1262-1            | 0.000 | 5.936 | 0       | 581826  | N.D.    | 13.716 # |
| 44) L9 AR-1268-4            | 0.000 | 7.568 | 0       | 139361  | N.D.    | 3.388 #  |
| 45) L9 AR-1268-5            | 9.114 | 0.000 | 1083202 | 0       | 5.437   | N.D. #   |
| -----                       |       |       |         |         |         |          |

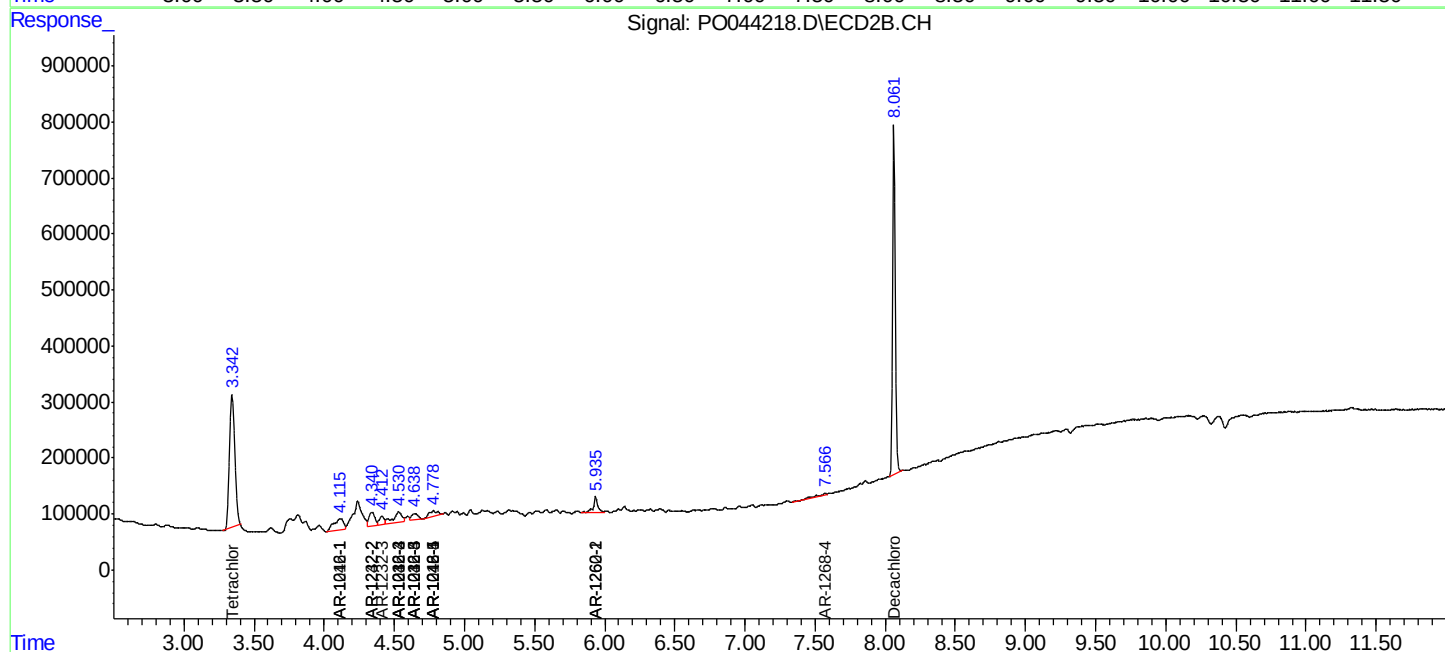
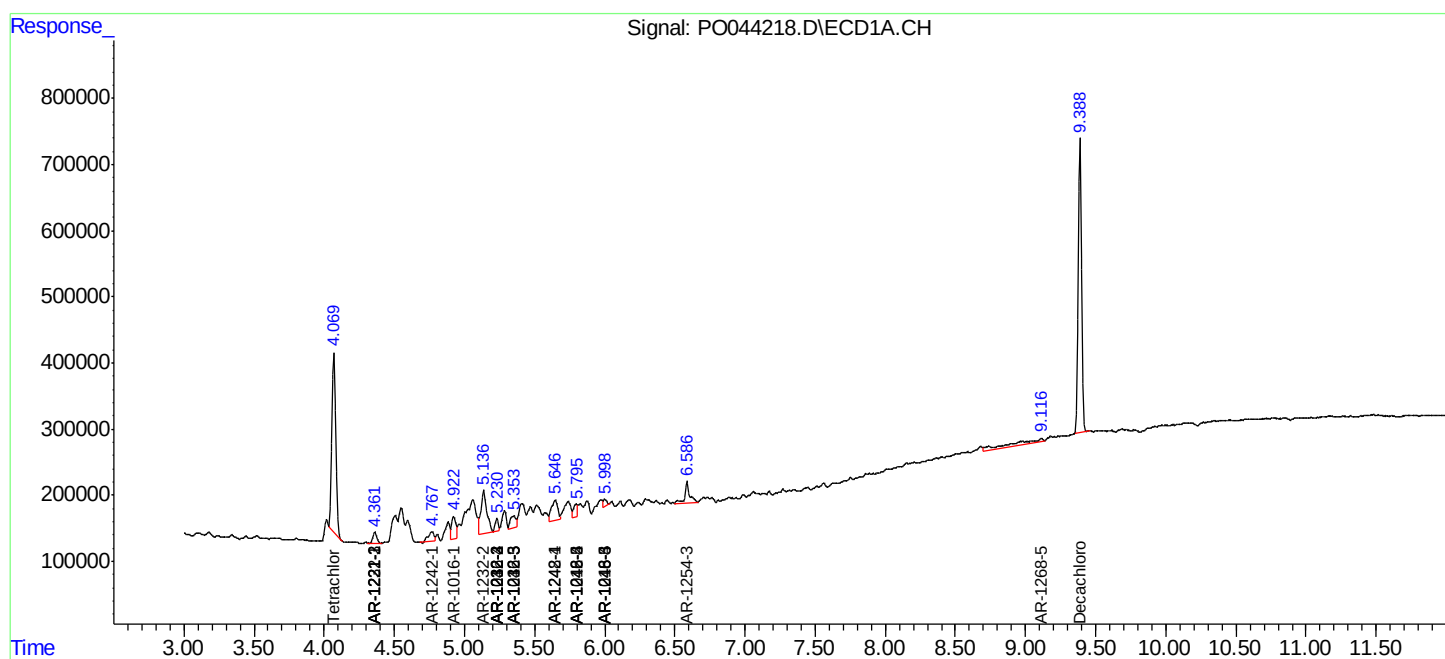
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

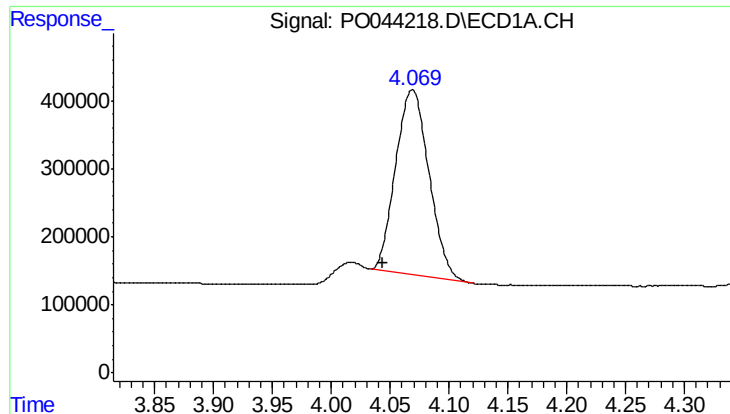
Data Path : P:\HPCHEM1\ECD\_0\Data\PO043018\  
Data File : PO044218.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Apr 2018 14:14  
Operator : SM/UA  
Sample : J2592-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
OD-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 15:11:05 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO042518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 26 04:36:05 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

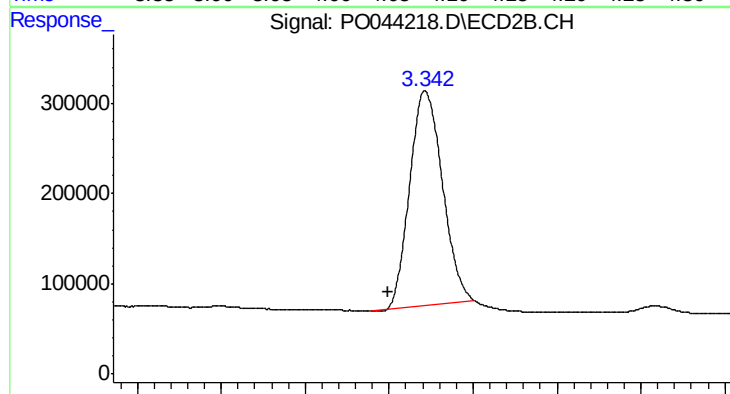




#1 Tetrachloro-m-xylene

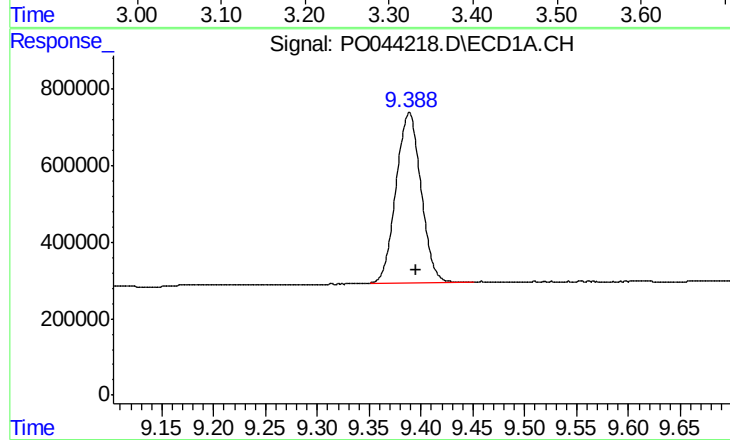
R.T.: 4.069 min  
Delta R.T.: 0.025 min  
Response: 5389977  
Conc: 7.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OD-1



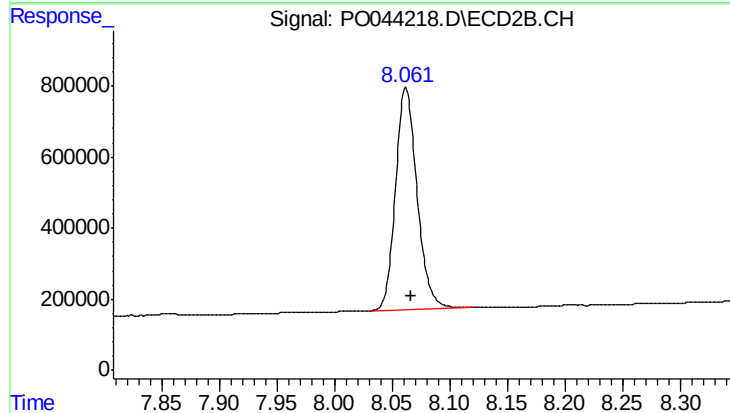
#1 Tetrachloro-m-xylene

R.T.: 3.343 min  
Delta R.T.: 0.045 min  
Response: 6415612  
Conc: 6.63 ng/ml



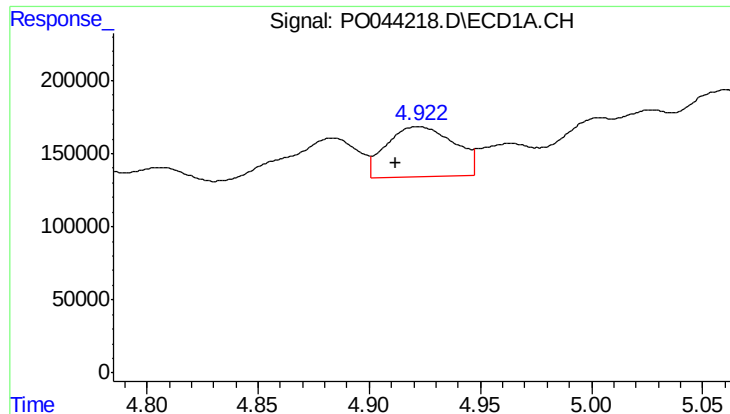
#2 Decachlorobiphenyl

R.T.: 9.388 min  
Delta R.T.: -0.007 min  
Response: 7405993  
Conc: 12.02 ng/ml



#2 Decachlorobiphenyl

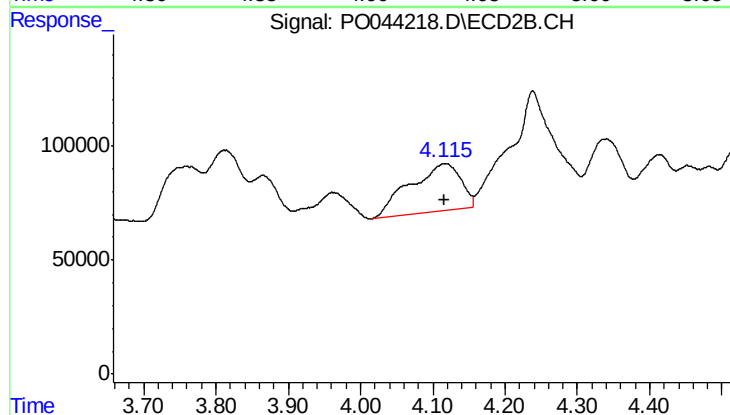
R.T.: 8.062 min  
Delta R.T.: -0.005 min  
Response: 8106258  
Conc: 9.77 ng/ml



#3 AR-1016-1

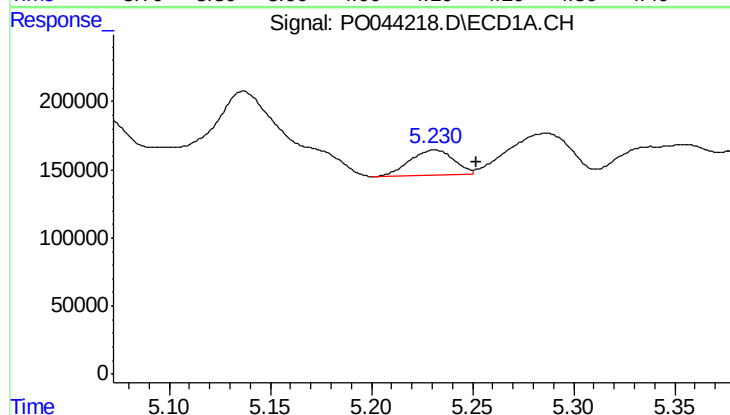
R.T.: 4.922 min  
Delta R.T.: 0.010 min  
Response: 716134  
Conc: 49.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OD-1



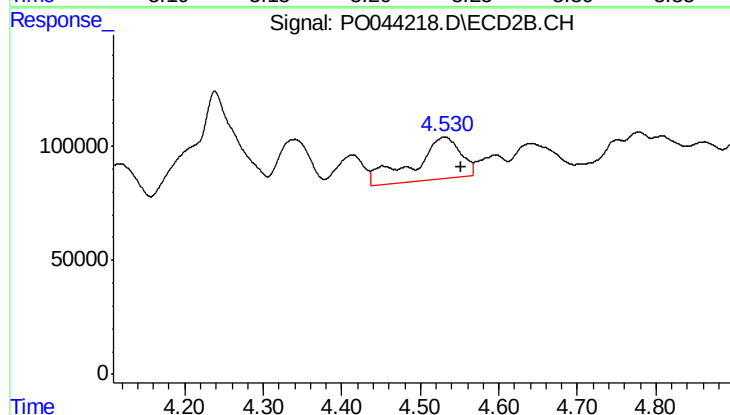
#3 AR-1016-1

R.T.: 4.117 min  
Delta R.T.: 0.000 min  
Response: 1035768  
Conc: 49.40 ng/ml



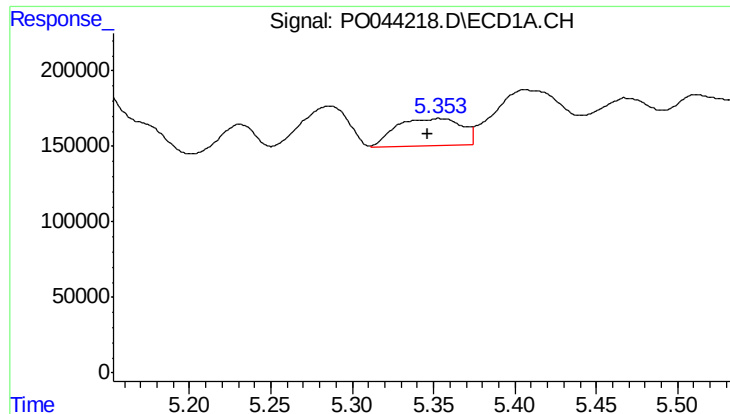
#4 AR-1016-2

R.T.: 5.231 min  
Delta R.T.: -0.021 min  
Response: 281064  
Conc: 15.17 ng/ml



#4 AR-1016-2

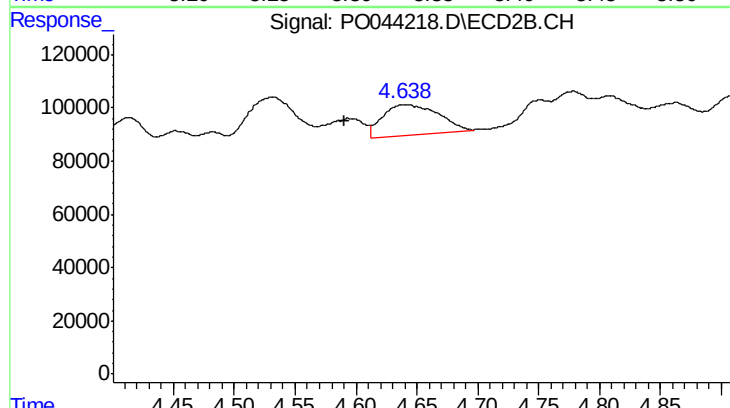
R.T.: 4.531 min  
Delta R.T.: -0.021 min  
Response: 759908  
Conc: 47.25 ng/ml



#5 AR-1016-3

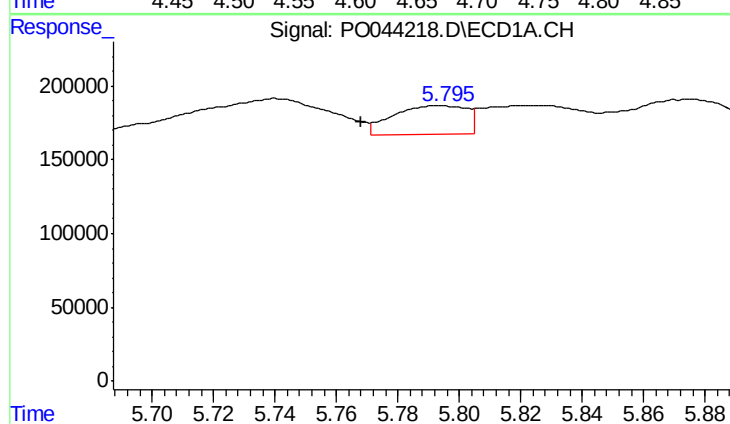
R.T.: 5.354 min  
Delta R.T.: 0.007 min  
Response: 509974  
Conc: 34.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OD-1



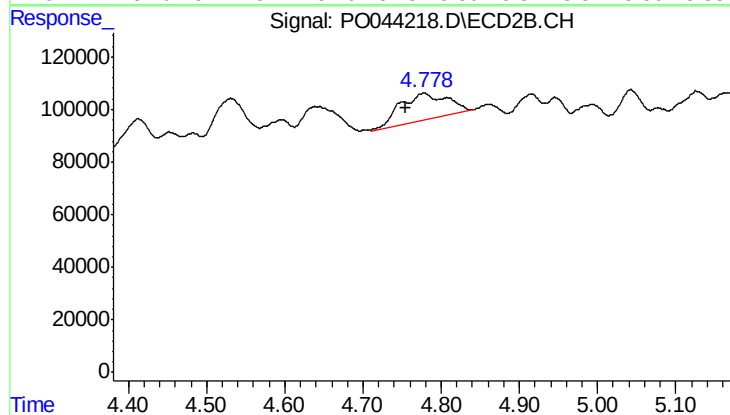
#5 AR-1016-3

R.T.: 4.641 min  
Delta R.T.: 0.050 min  
Response: 358923  
Conc: 18.58 ng/ml



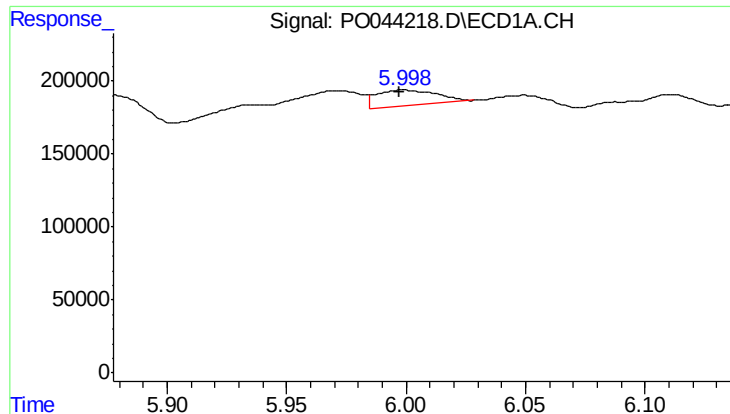
#6 AR-1016-4

R.T.: 5.794 min  
Delta R.T.: 0.025 min  
Response: 325911  
Conc: 22.25 ng/ml



#6 AR-1016-4

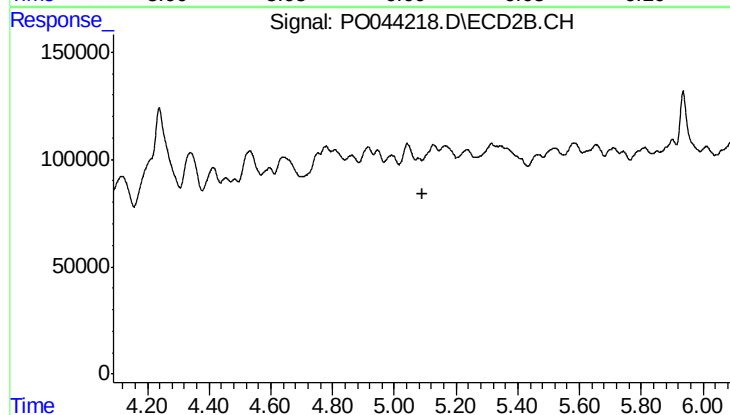
R.T.: 4.778 min  
Delta R.T.: 0.023 min  
Response: 428984  
Conc: 20.97 ng/ml



#7 AR-1016-5

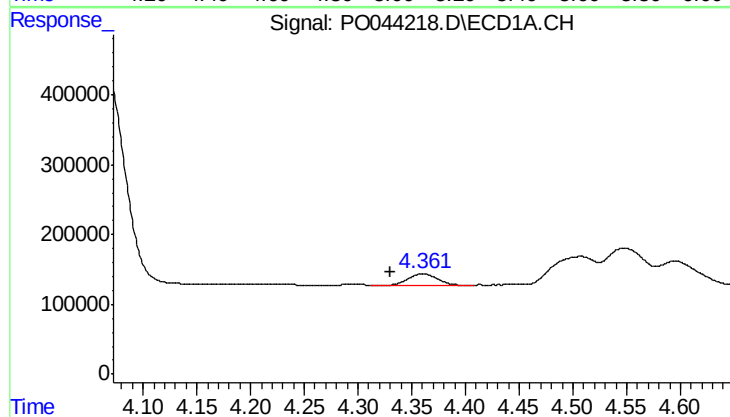
R.T.: 5.999 min  
Delta R.T.: 0.002 min  
Response: 183582  
Conc: 15.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OD-1



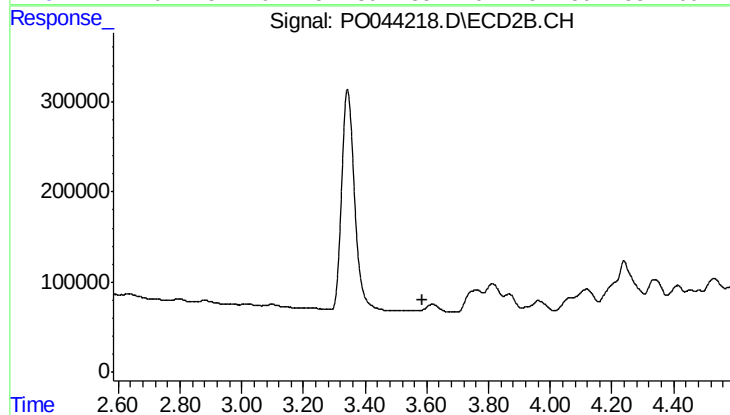
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 5.090 min  
Response: 0  
Conc: N.D.



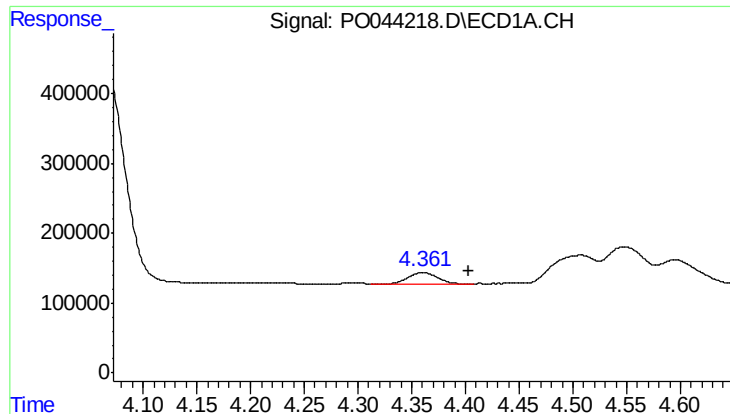
#9 AR-1221-2

R.T.: 4.361 min  
Delta R.T.: 0.030 min  
Response: 297246  
Conc: 39.59 ng/ml



#9 AR-1221-2

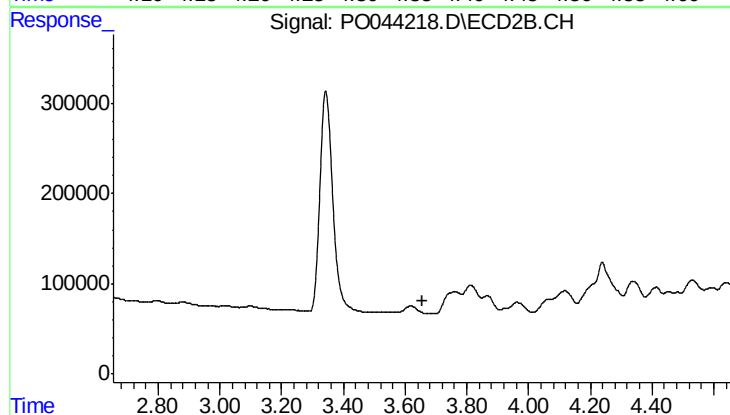
R.T.: 0.000 min  
Exp R.T.: 3.584 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

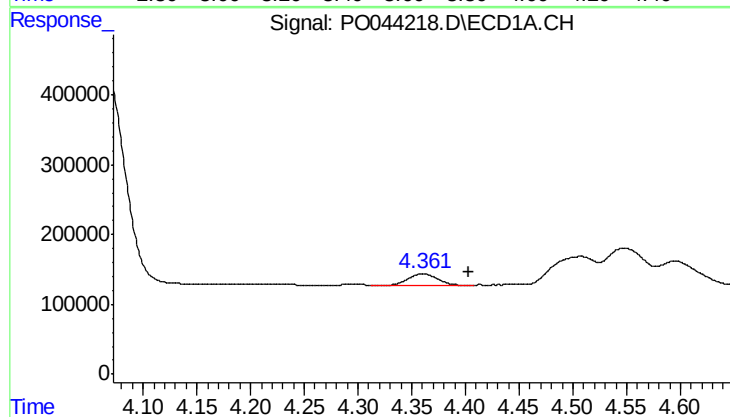
R.T.: 4.361 min  
Delta R.T.: -0.043 min  
Response: 297246  
Conc: 12.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OD-1



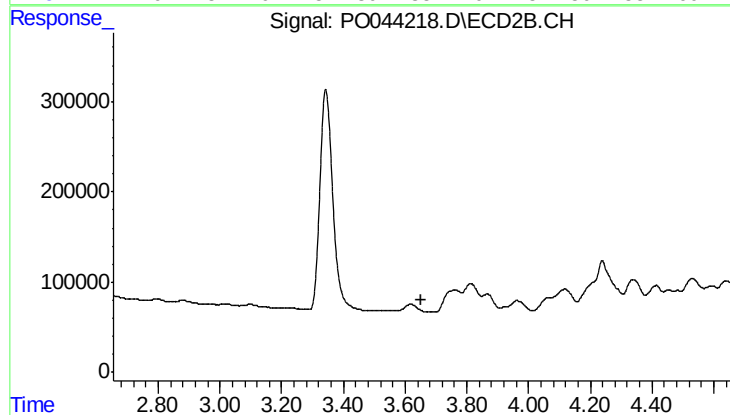
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 3.655 min  
Response: 0  
Conc: N.D.



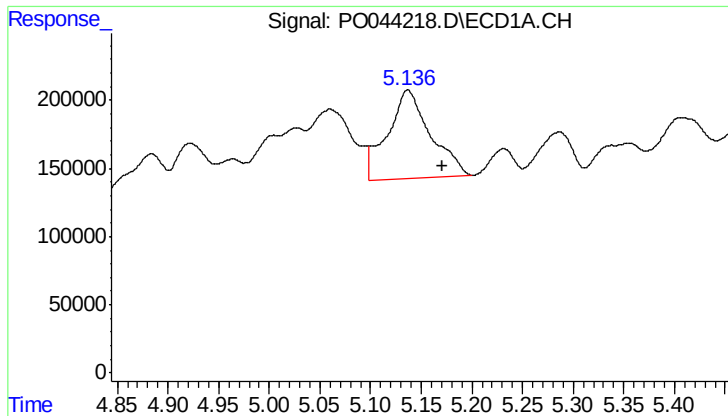
#11 AR-1232-1

R.T.: 4.361 min  
Delta R.T.: -0.043 min  
Response: 297246  
Conc: 26.74 ng/ml



#11 AR-1232-1

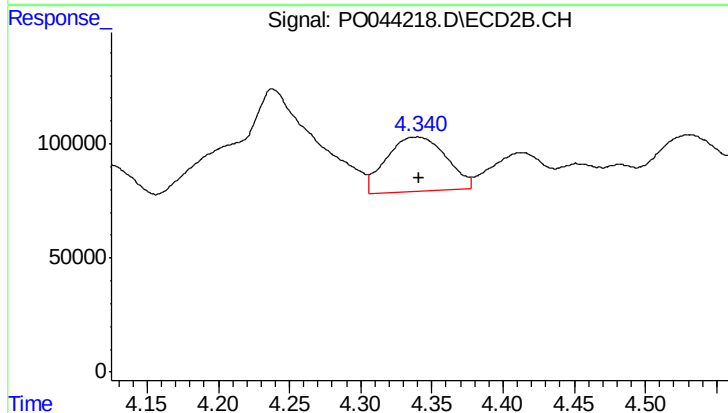
R.T.: 0.000 min  
Exp R.T. : 3.655 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

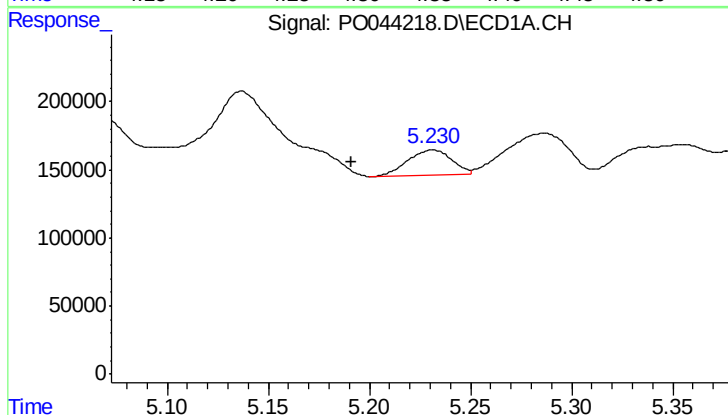
R.T.: 5.137 min  
Delta R.T.: -0.034 min  
Response: 1926392  
Conc: 254.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OD-1



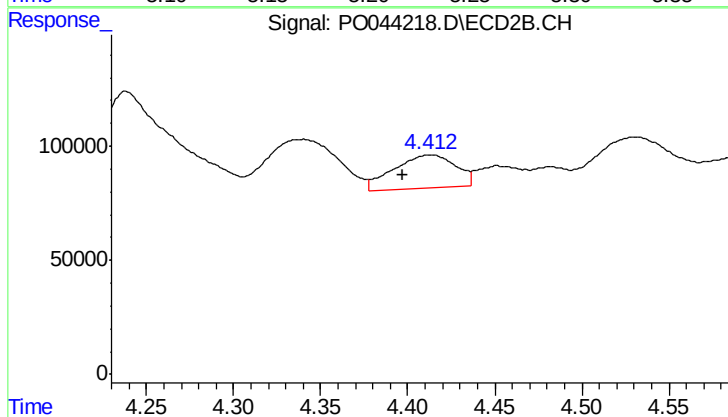
#12 AR-1232-2

R.T.: 4.339 min  
Delta R.T.: -0.002 min  
Response: 695811  
Conc: 24.74 ng/ml



#13 AR-1232-3

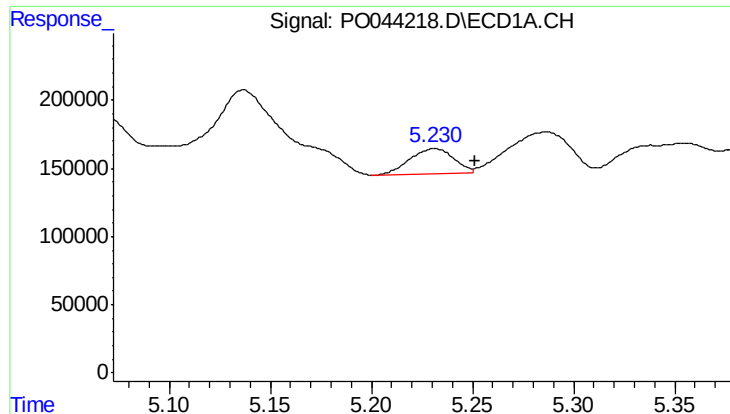
R.T.: 5.231 min  
Delta R.T.: 0.040 min  
Response: 281064  
Conc: 22.22 ng/ml



#13 AR-1232-3

R.T.: 4.413 min  
Delta R.T.: 0.016 min  
Response: 357440  
Conc: 31.00 ng/ml

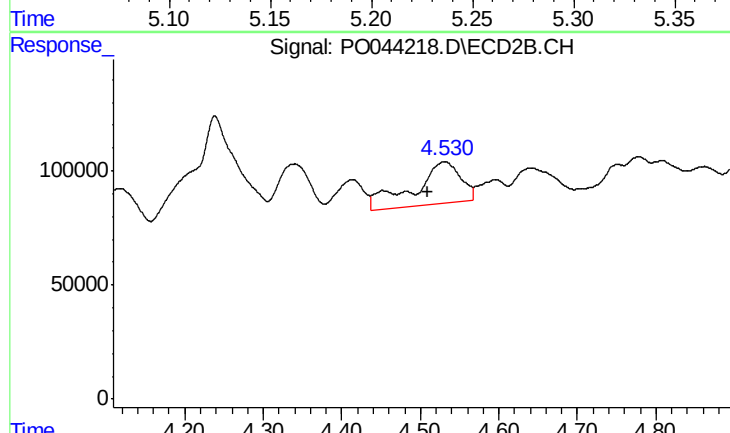




#14 AR-1232-4

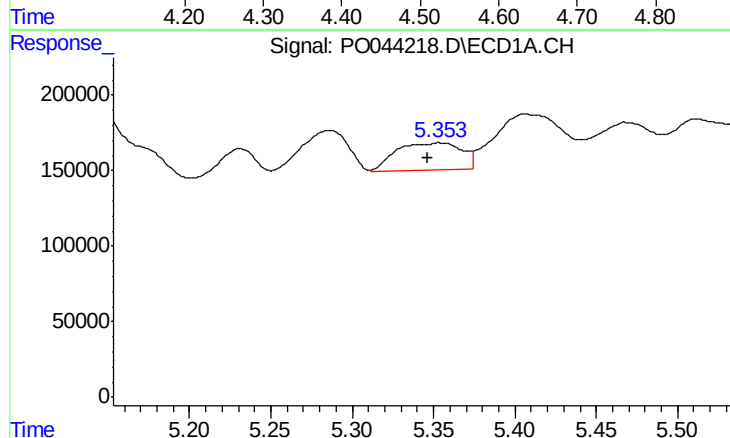
R.T.: 5.231 min  
Delta R.T.: -0.021 min  
Response: 281064  
Conc: 35.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OD-1



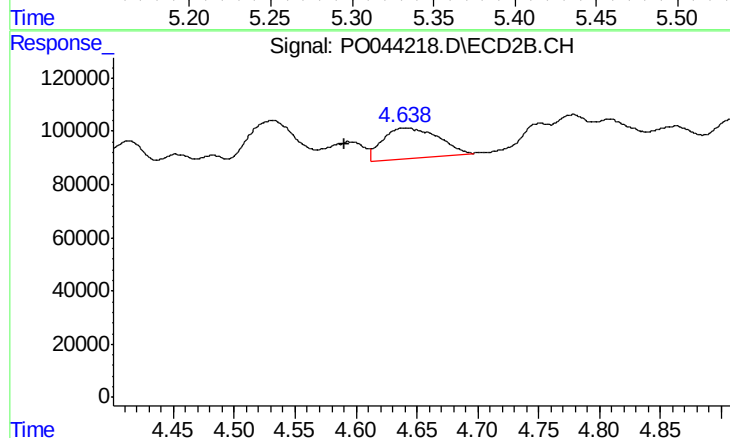
#14 AR-1232-4

R.T.: 4.531 min  
Delta R.T.: 0.021 min  
Response: 759908  
Conc: 89.18 ng/ml



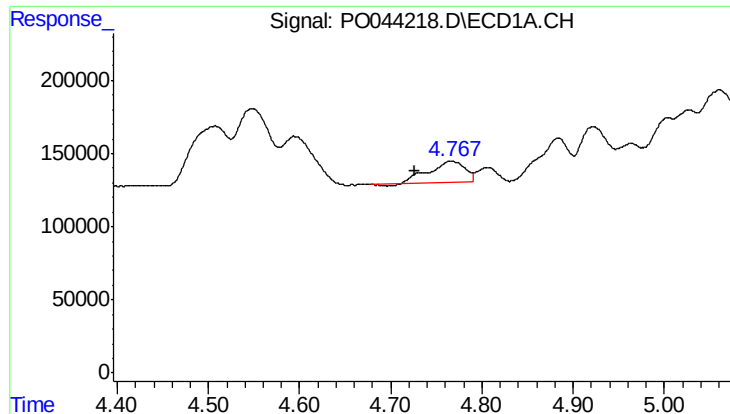
#15 AR-1232-5

R.T.: 5.354 min  
Delta R.T.: 0.007 min  
Response: 509974  
Conc: 81.86 ng/ml



#15 AR-1232-5

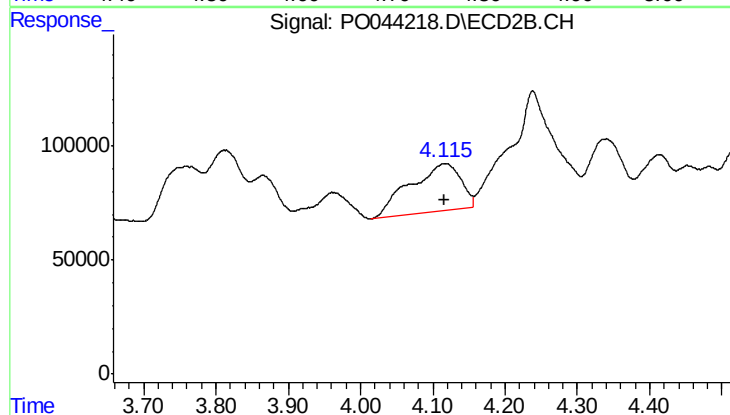
R.T.: 4.641 min  
Delta R.T.: 0.050 min  
Response: 358923  
Conc: 48.90 ng/ml



#16 AR-1242-1

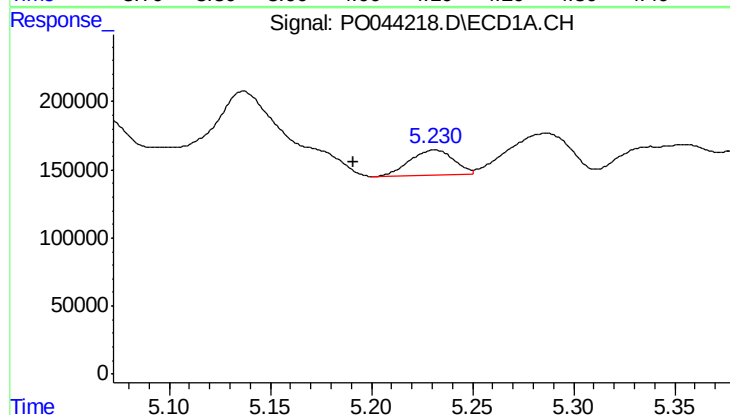
R.T.: 4.766 min  
Delta R.T.: 0.041 min  
Response: 407978  
Conc: 44.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OD-1



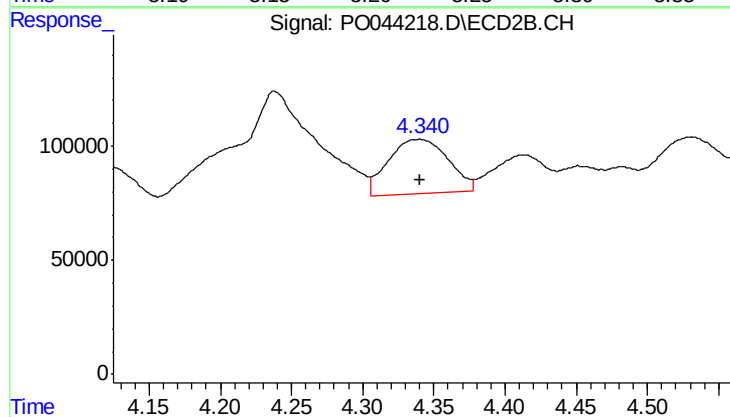
#16 AR-1242-1

R.T.: 4.117 min  
Delta R.T.: 0.000 min  
Response: 1035768  
Conc: 75.20 ng/ml



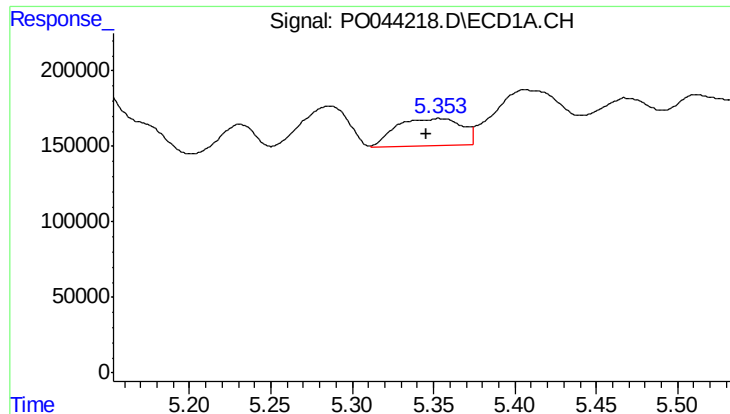
#17 AR-1242-2

R.T.: 5.231 min  
Delta R.T.: 0.040 min  
Response: 281064  
Conc: 13.87 ng/ml



#17 AR-1242-2

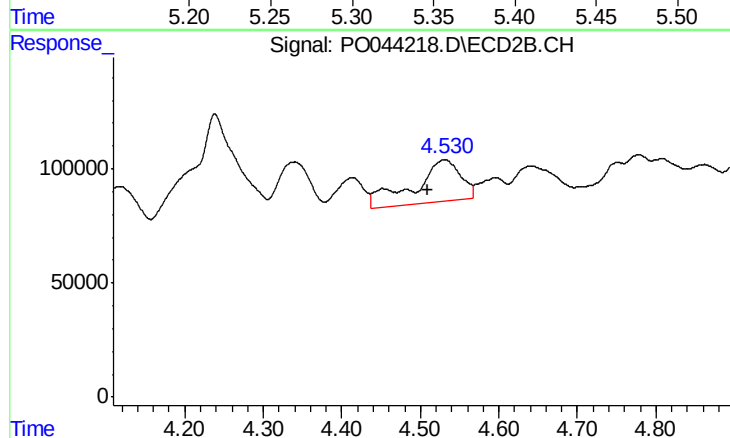
R.T.: 4.339 min  
Delta R.T.: -0.002 min  
Response: 695811  
Conc: 15.44 ng/ml



#18 AR-1242-3

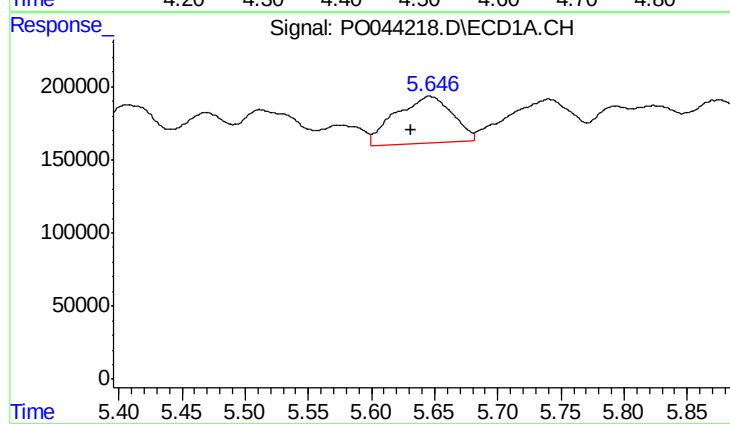
R.T.: 5.354 min  
Delta R.T.: 0.008 min  
Response: 509974  
Conc: 51.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OD-1



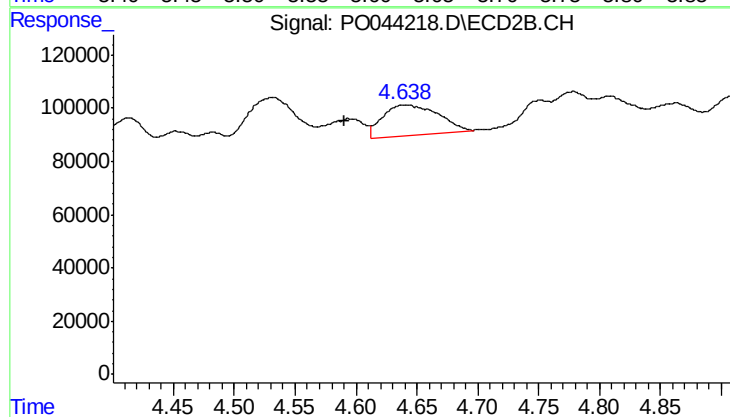
#18 AR-1242-3

R.T.: 4.531 min  
Delta R.T.: 0.021 min  
Response: 759908  
Conc: 55.43 ng/ml



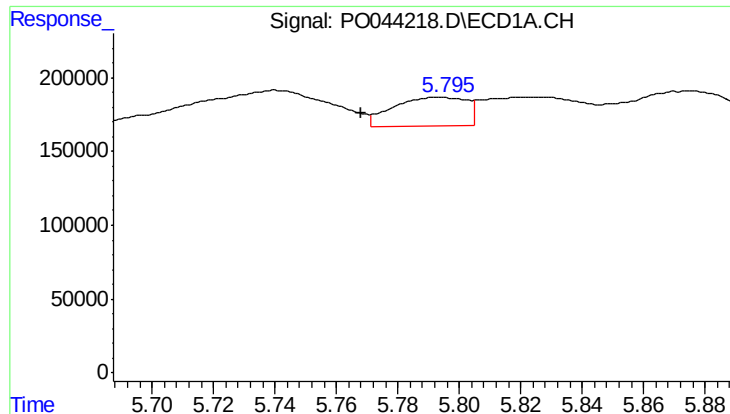
#19 AR-1242-4

R.T.: 5.646 min  
Delta R.T.: 0.015 min  
Response: 992562  
Conc: 110.14 ng/ml



#19 AR-1242-4

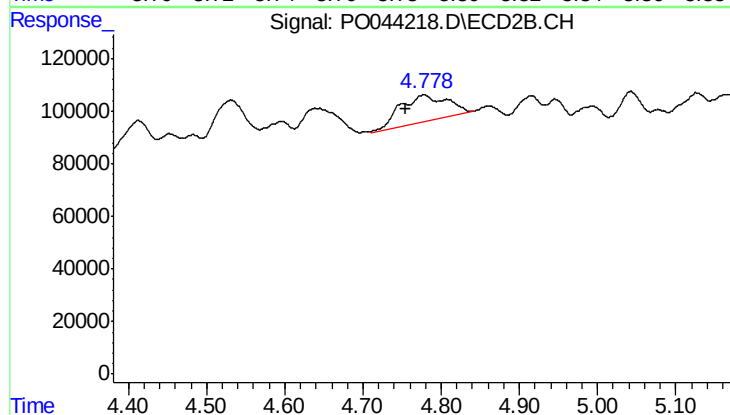
R.T.: 4.641 min  
Delta R.T.: 0.050 min  
Response: 358923  
Conc: 28.05 ng/ml



#20 AR-1242-5

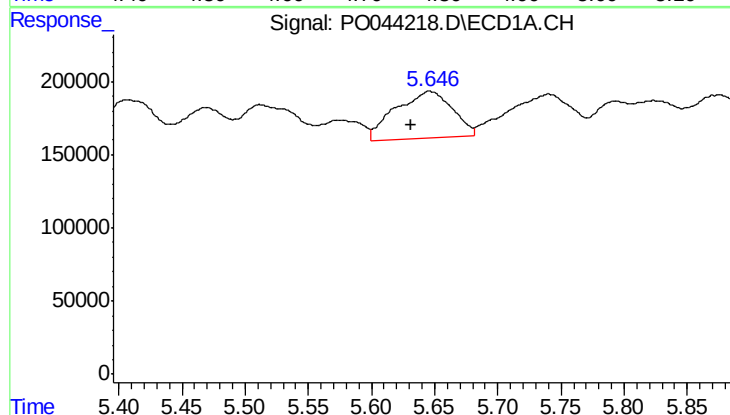
R.T.: 5.794 min  
Delta R.T.: 0.026 min  
Response: 325911  
Conc: 31.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OD-1



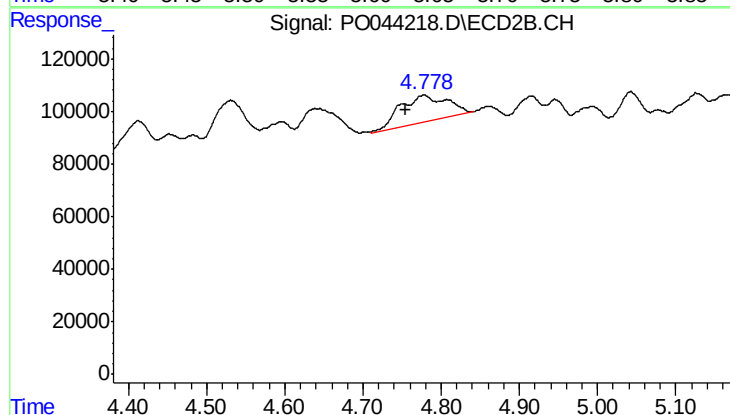
#20 AR-1242-5

R.T.: 4.778 min  
Delta R.T.: 0.024 min  
Response: 428984  
Conc: 31.74 ng/ml



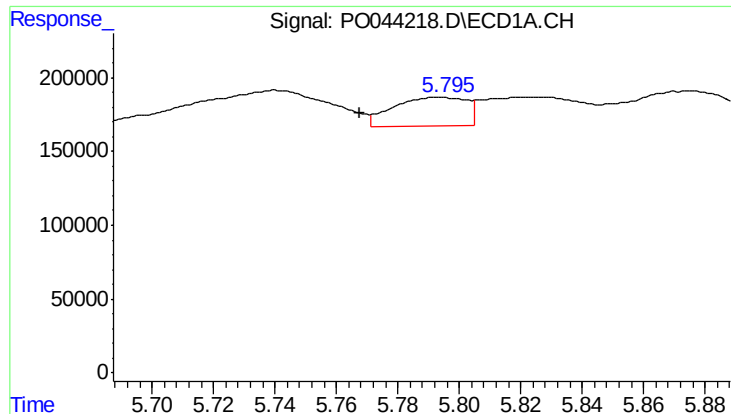
#21 AR-1248-1

R.T.: 5.646 min  
Delta R.T.: 0.014 min  
Response: 992562  
Conc: 61.72 ng/ml



#21 AR-1248-1

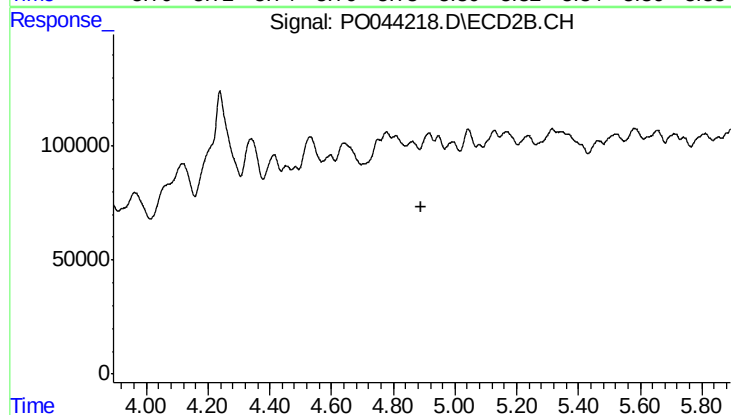
R.T.: 4.778 min  
Delta R.T.: 0.024 min  
Response: 428984  
Conc: 17.92 ng/ml



#22 AR-1248-2

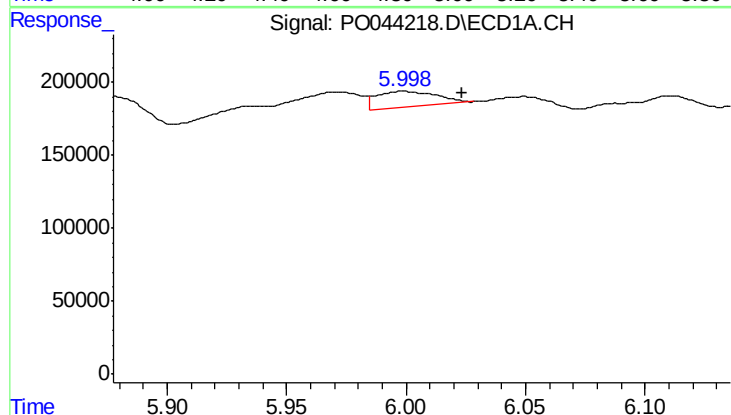
R.T.: 5.794 min  
Delta R.T.: 0.026 min  
Response: 325911  
Conc: 22.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OD-1



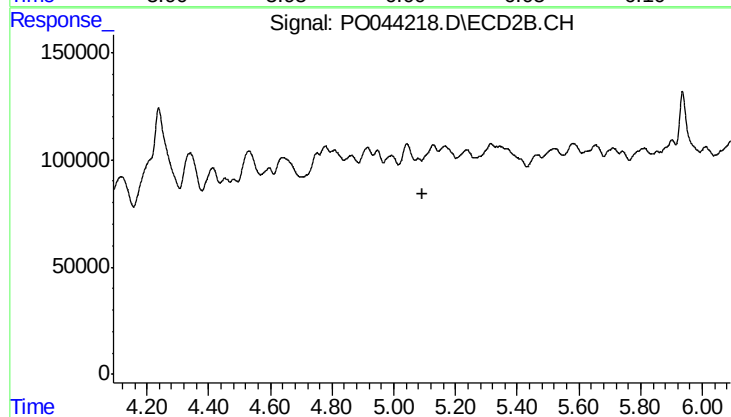
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 4.893 min  
Response: 0  
Conc: N.D.



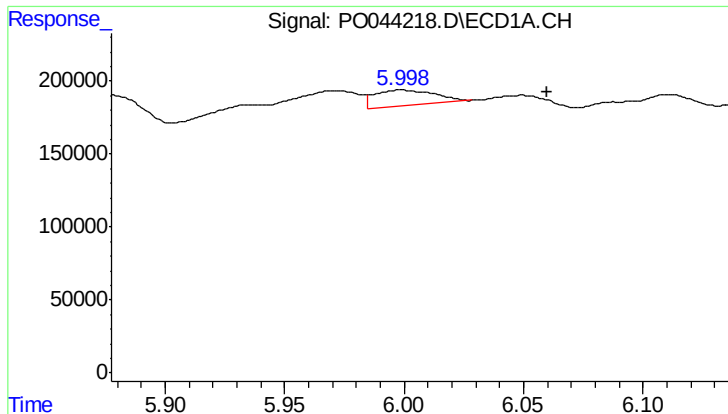
#23 AR-1248-3

R.T.: 5.999 min  
Delta R.T.: -0.024 min  
Response: 183582  
Conc: 9.83 ng/ml



#23 AR-1248-3

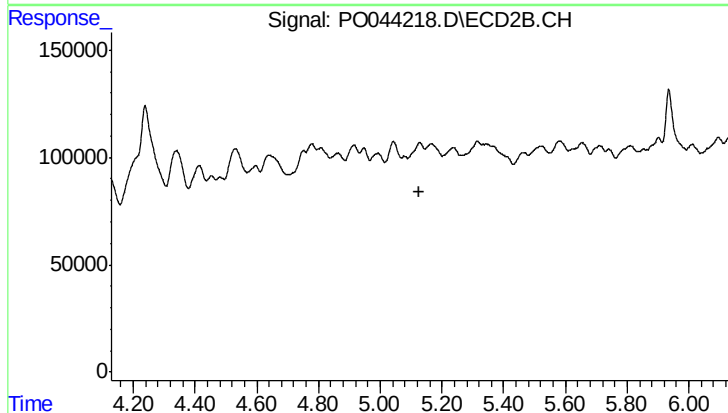
R.T.: 0.000 min  
Exp R.T.: 5.091 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

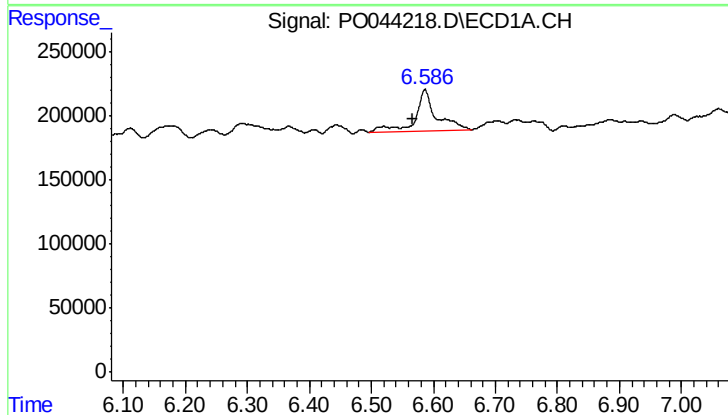
R.T.: 5.999 min  
Delta R.T.: -0.061 min  
Response: 183582  
Conc: 9.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OD-1



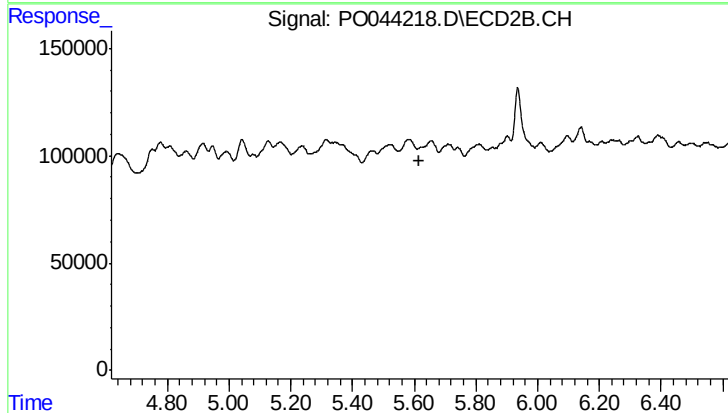
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 5.129 min  
Response: 0  
Conc: N.D.



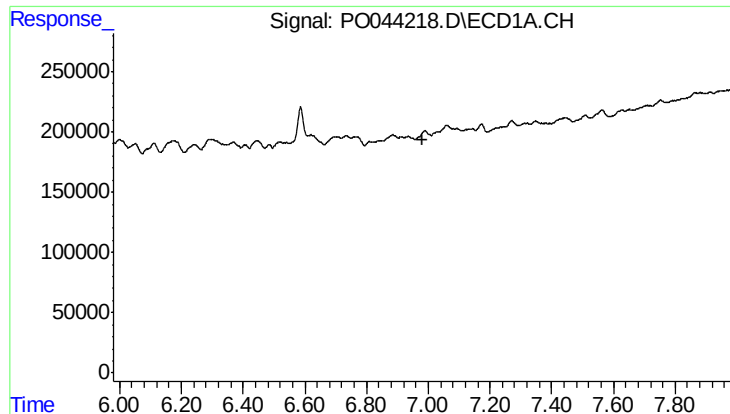
#28 AR-1254-3

R.T.: 6.586 min  
Delta R.T.: 0.020 min  
Response: 772084  
Conc: 20.47 ng/ml



#28 AR-1254-3

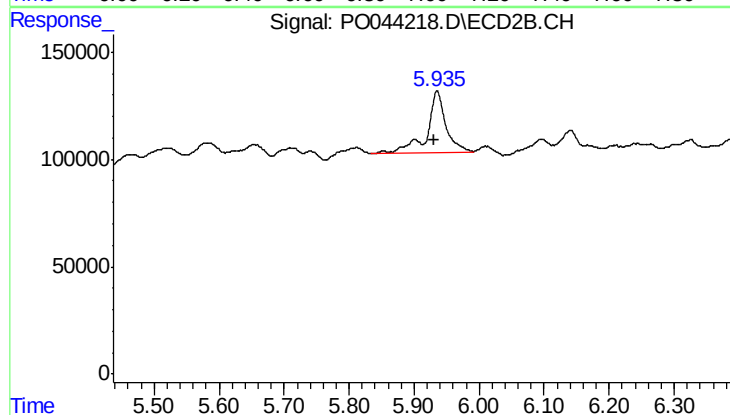
R.T.: 0.000 min  
Exp R.T.: 5.618 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

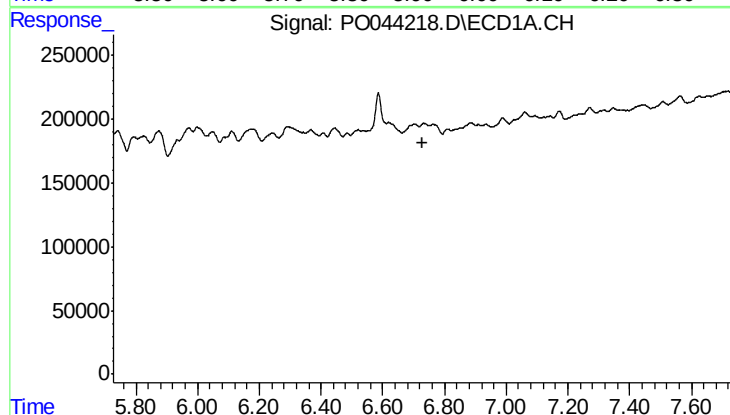
R.T.: 0.000 min  
Exp R.T.: 6.980 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
OD-1



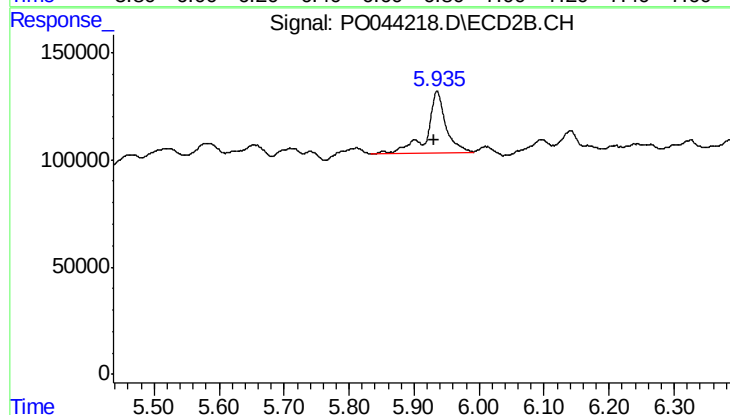
#32 AR-1260-2

R.T.: 5.936 min  
Delta R.T.: 0.005 min  
Response: 581826  
Conc: 10.82 ng/ml



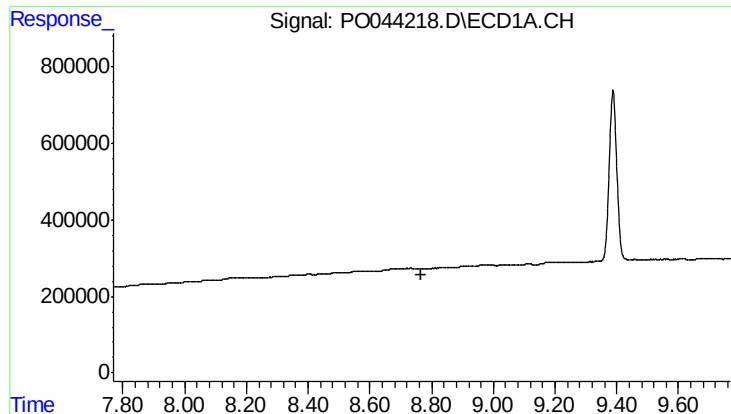
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 6.727 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

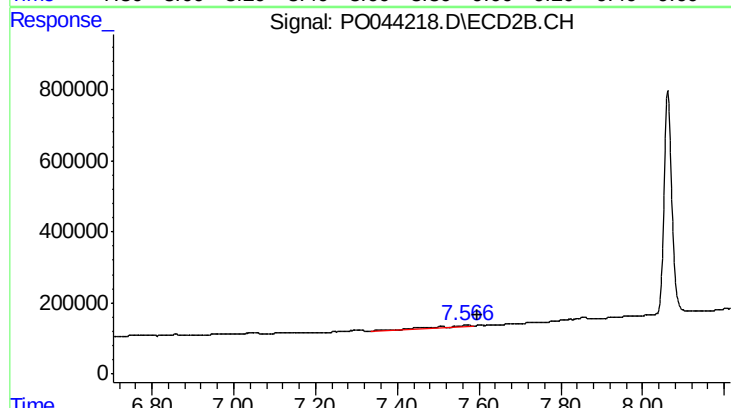
R.T.: 5.936 min  
Delta R.T.: 0.005 min  
Response: 581826  
Conc: 13.72 ng/ml



#44 AR-1268-4

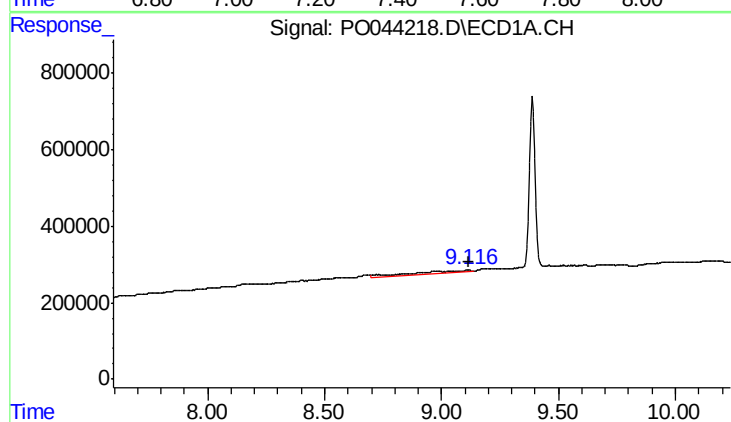
R.T.: 0.000 min  
Exp R.T.: 8.768 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
OD-1



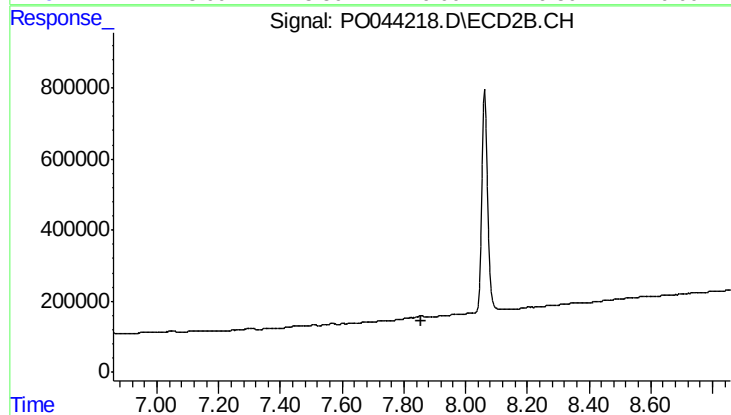
#44 AR-1268-4

R.T.: 7.568 min  
Delta R.T.: -0.030 min  
Response: 139361  
Conc: 3.39 ng/ml



#45 AR-1268-5

R.T.: 9.114 min  
Delta R.T.: -0.002 min  
Response: 1083202  
Conc: 5.44 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 7.859 min  
Response: 0  
Conc: N.D.