

Data Path : P:\HPCHEM1\ECD\_0\Data\P0012218\  
 Data File : P0041654.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 19 Jan 2018 18:57  
 Operator : SM/UA  
 Sample : J1189-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 22C-2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 22 00:36:46 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0122017.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Dec 20 03:23:29 2017  
 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... | 4.124 | 3.367 | 2146337 | 859562  | 10.351  | 2.789 #   |
| 2)                          | SA Decachlor... | 9.531 | 0.000 | 2164902 | 0       | 10.572  | N.D. #    |
| Target Compounds            |                 |       |       |         |         |         |           |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.628 | 0       | 417887  | N.D.    | 40.930 #  |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.628 | 0       | 417887  | N.D.    | 52.127 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.831 | 0       | 262744  | N.D.    | 23.323 #  |
| 10)                         | L2 AR-1221-3    | 4.567 | 3.766 | 702426  | 1831809 | 129.791 | 226.125 # |
| 11)                         | L3 AR-1232-1    | 4.567 | 3.766 | 702426  | 1831809 | 152.034 | 271.366 # |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.628 | 0       | 417887  | N.D.    | 102.175 # |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.628 | 0       | 417887  | N.D.    | 143.869 # |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.628 | 0       | 417887  | N.D.    | 57.573 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.628 | 0       | 417887  | N.D.    | 57.662 #  |
| 20)                         | L4 AR-1242-5    | 0.000 | 4.831 | 0       | 262744  | N.D.    | 33.068 #  |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.831 | 0       | 262744  | N.D.    | 21.143 #  |
| 23)                         | L5 AR-1248-3    | 6.084 | 5.169 | -330800 | 1371197 | N.D.    | 71.222 #  |
| 24)                         | L5 AR-1248-4    | 0.000 | 5.169 | 0       | 1371197 | N.D.    | 101.392 # |
| 25)                         | L5 AR-1248-5    | 6.348 | 5.702 | 363547  | 2644394 | 55.261  | 296.288 # |
| 26)                         | L6 AR-1254-1    | 6.348 | 5.169 | 363547  | 1371197 | 71.704  | 65.613    |
| 27)                         | L6 AR-1254-2    | 6.571 | 5.313 | 699701  | 1502698 | 80.532  | 81.393    |
| 28)                         | L6 AR-1254-3    | 6.655 | 5.702 | 1275368 | 2644394 | 81.806  | 88.003    |
| 29)                         | L6 AR-1254-4    | 6.935 | 5.926 | 1325205 | 2273908 | 96.128  | 106.150   |
| 30)                         | L6 AR-1254-5    | 7.200 | 0.000 | 764683  | 0       | 81.017  | N.D. #    |
| 31)                         | L7 AR-1260-1    | 6.818 | 5.828 | 468774  | 1484286 | 34.856  | 57.593 #  |
| 32)                         | L7 AR-1260-2    | 7.069 | 6.159 | 655339  | 303914  | 33.297  | 9.790 #   |
| 33)                         | L7 AR-1260-3    | 7.347 | 6.332 | 1044001 | 2708295 | 50.366  | 72.735 #  |
| 34)                         | L7 AR-1260-4    | 0.000 | 6.861 | 0       | 447463  | N.D.    | 6.473 #   |
| 35)                         | L7 AR-1260-5    | 0.000 | 7.203 | 0       | 846234  | N.D.    | 18.635 #  |
| 36)                         | L8 AR-1262-1    | 6.818 | 6.014 | 468774  | 1385081 | 52.764  | 58.589    |
| 37)                         | L8 AR-1262-2    | 7.069 | 6.159 | 655339  | 303914  | 50.825  | 14.414 #  |
| 38)                         | L8 AR-1262-3    | 7.347 | 6.332 | 1044001 | 2708295 | 91.617  | 65.992 #  |
| 39)                         | L8 AR-1262-4    | 7.628 | 6.656 | 617392  | 611096  | 41.358  | 20.177 #  |
| 40)                         | L8 AR-1262-5    | 0.000 | 6.861 | 0       | 447463  | N.D.    | 6.748 #   |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.203 | 0       | 846234  | N.D.    | 9.689 #   |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.203 | 0       | 846234  | N.D.    | 11.246 #  |
| -----                       |                 |       |       |         |         |         |           |

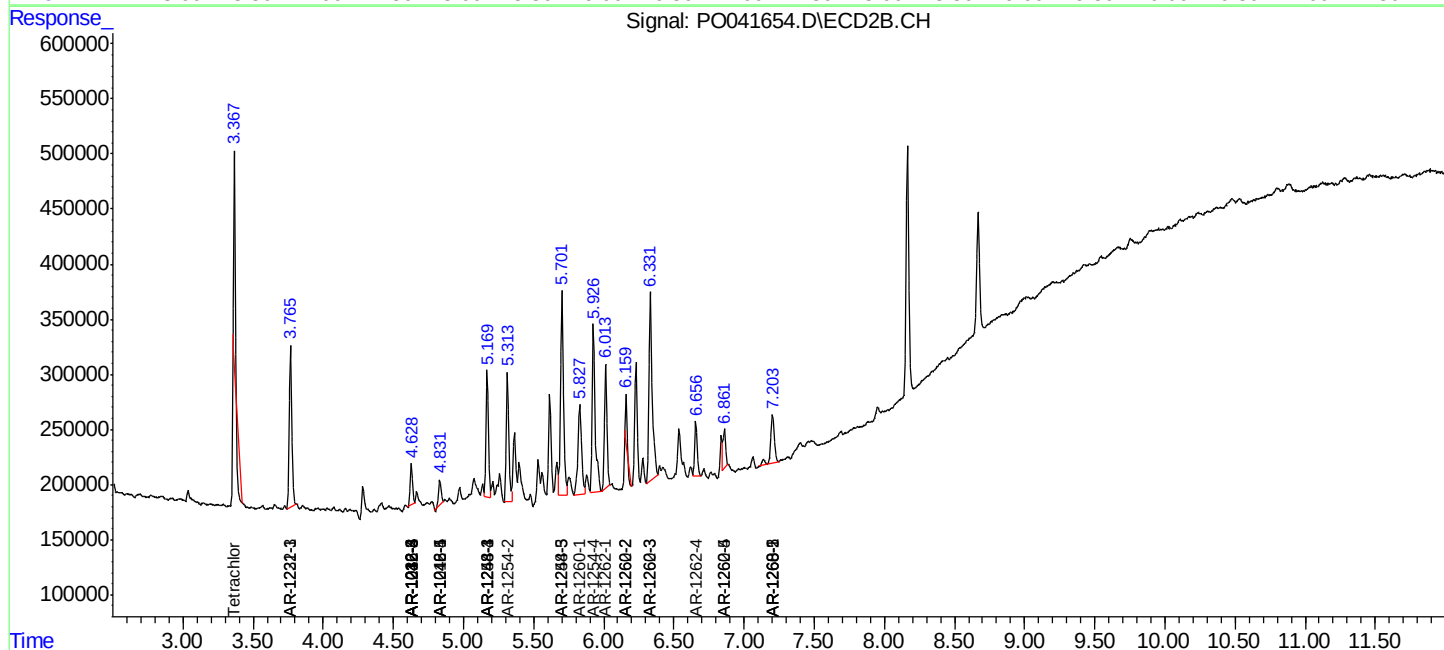
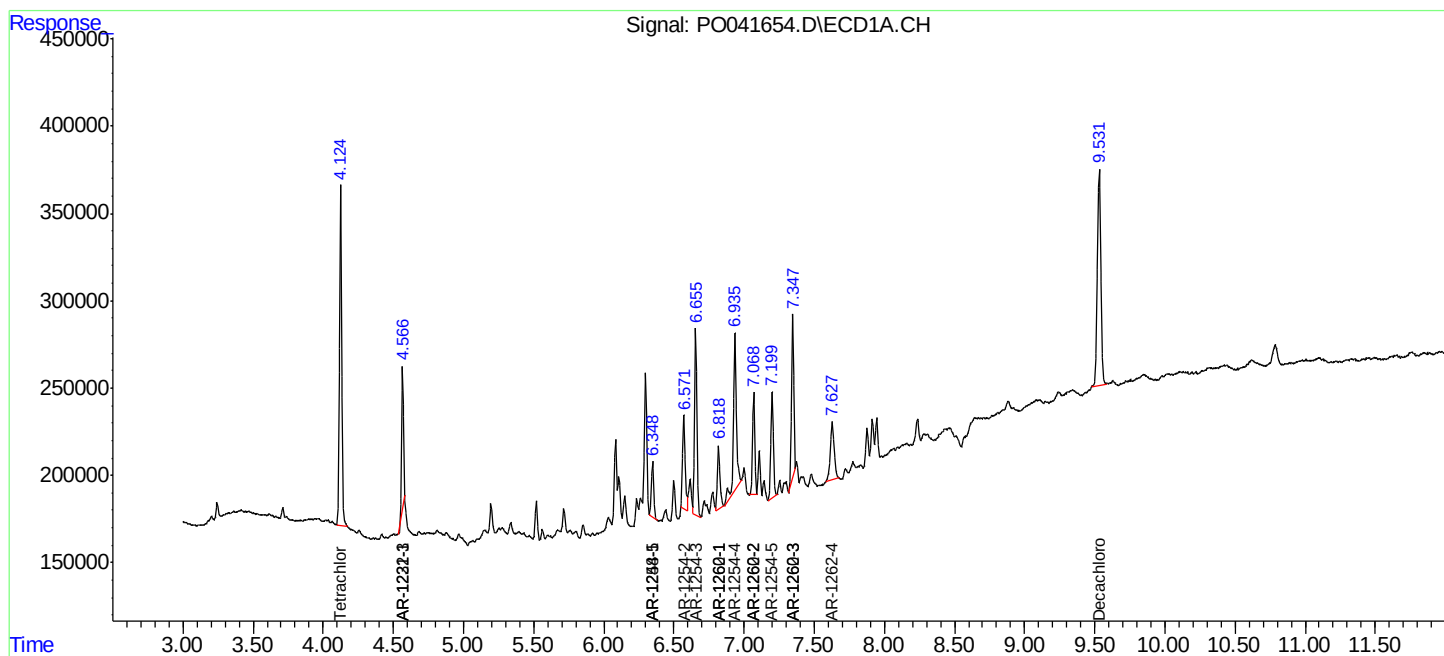
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

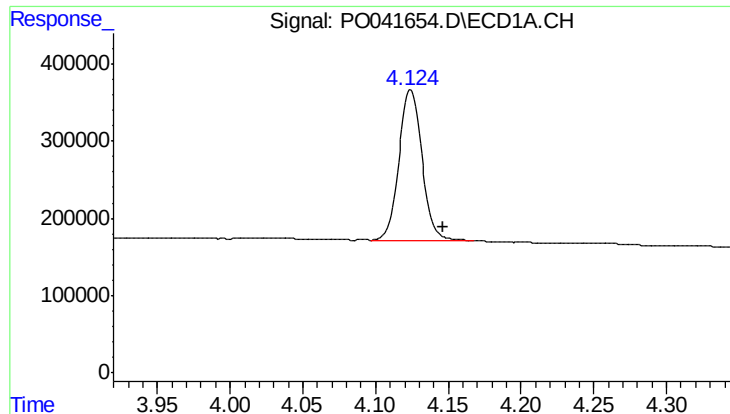
Data Path : P:\HPCHEM1\ECD\_0\Data\PO012218\  
Data File : PO041654.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 19 Jan 2018 18:57  
Operator : SM/UA  
Sample : J1189-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
22C-2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 22 00:36:46 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO122017.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Dec 20 03:23:29 2017  
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

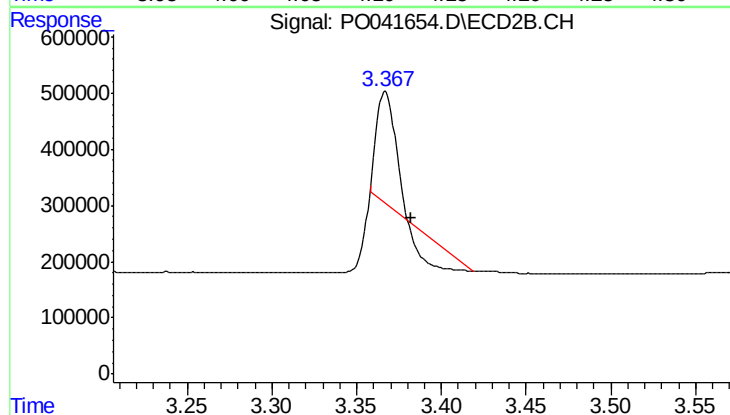




#1 Tetrachloro-m-xylene

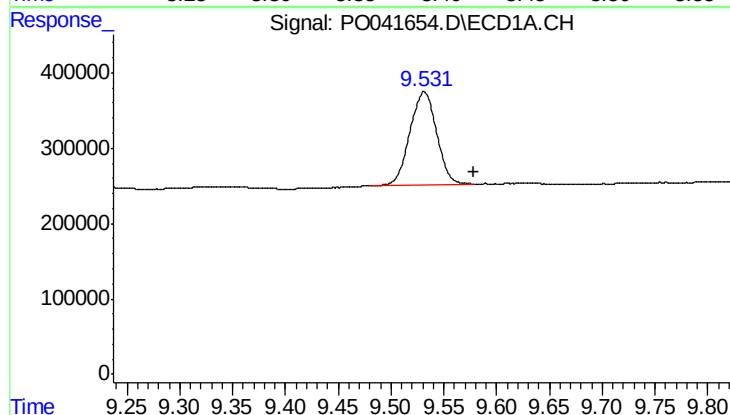
R.T.: 4.124 min  
Delta R.T.: -0.022 min  
Response: 2146337  
Conc: 10.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



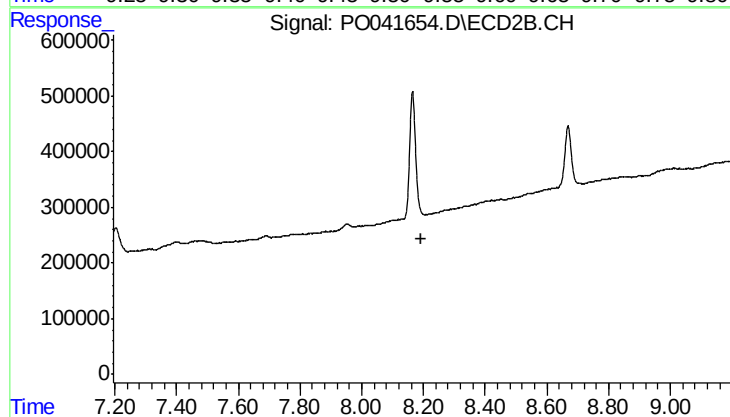
#1 Tetrachloro-m-xylene

R.T.: 3.367 min  
Delta R.T.: -0.015 min  
Response: 859562  
Conc: 2.79 ng/ml



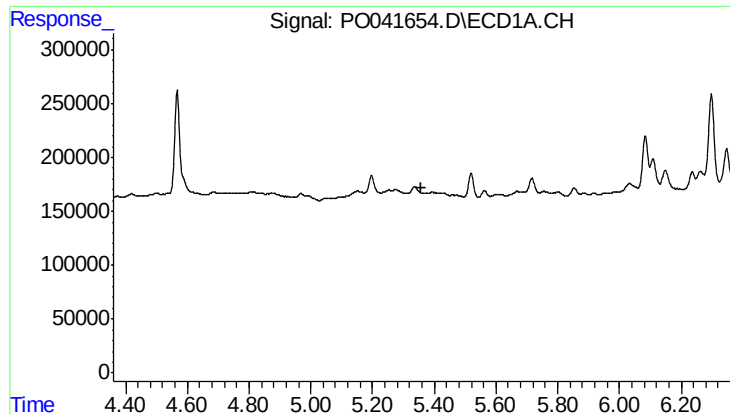
#2 Decachlorobiphenyl

R.T.: 9.531 min  
Delta R.T.: -0.047 min  
Response: 2164902  
Conc: 10.57 ng/ml



#2 Decachlorobiphenyl

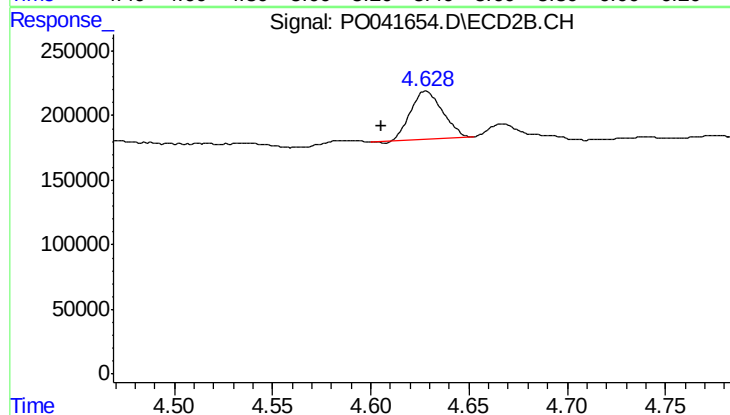
R.T.: 0.000 min  
Exp R.T.: 8.195 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

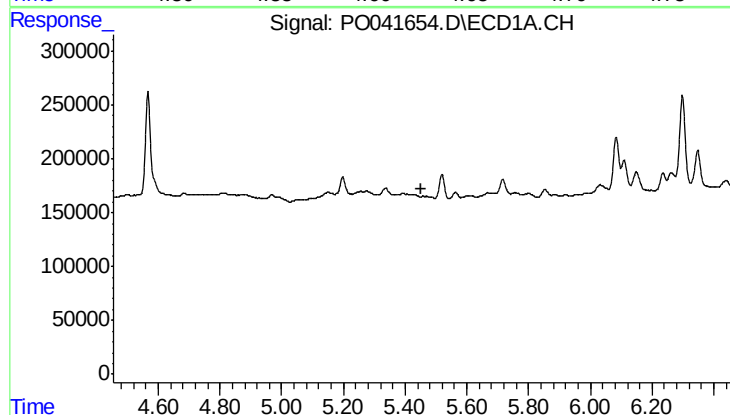
R.T.: 0.000 min  
Exp R.T.: 5.360 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



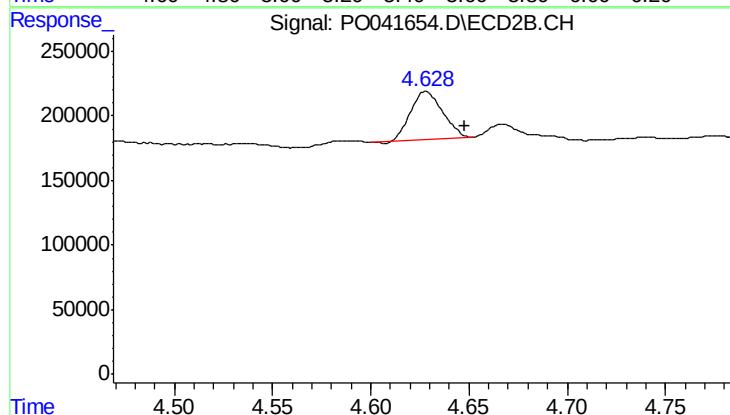
#4 AR-1016-2

R.T.: 4.628 min  
Delta R.T.: 0.023 min  
Response: 417887  
Conc: 40.93 ng/ml



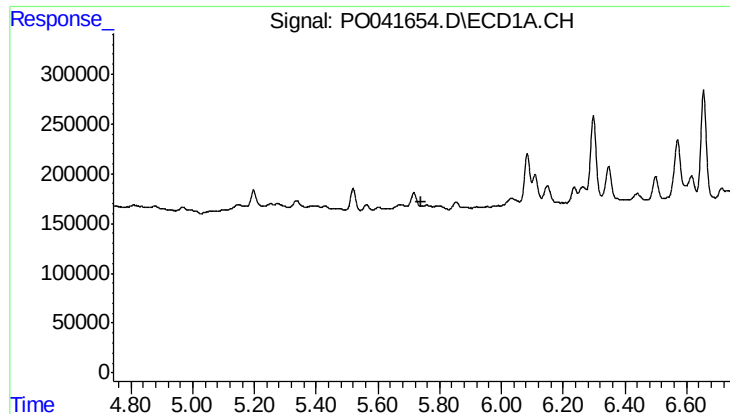
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.454 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

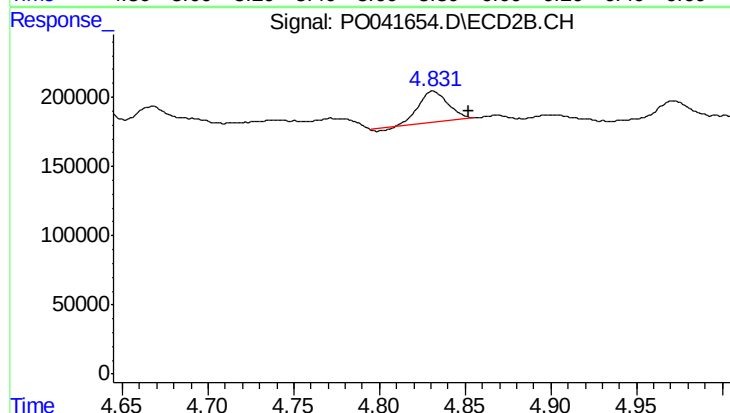
R.T.: 4.628 min  
Delta R.T.: -0.020 min  
Response: 417887  
Conc: 52.13 ng/ml



#6 AR-1016-4

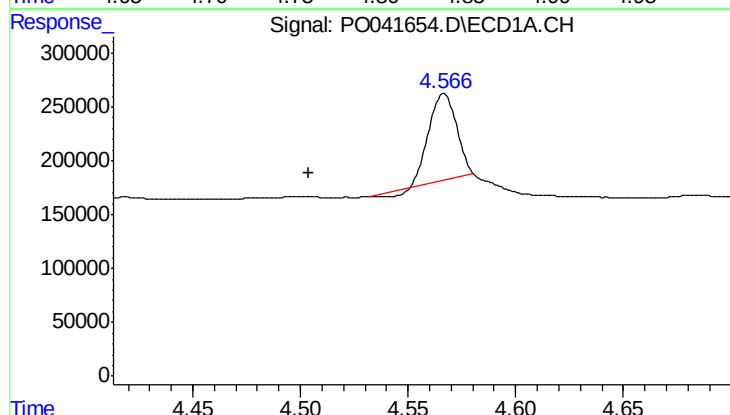
R.T.: 0.000 min  
Exp R.T.: 5.743 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



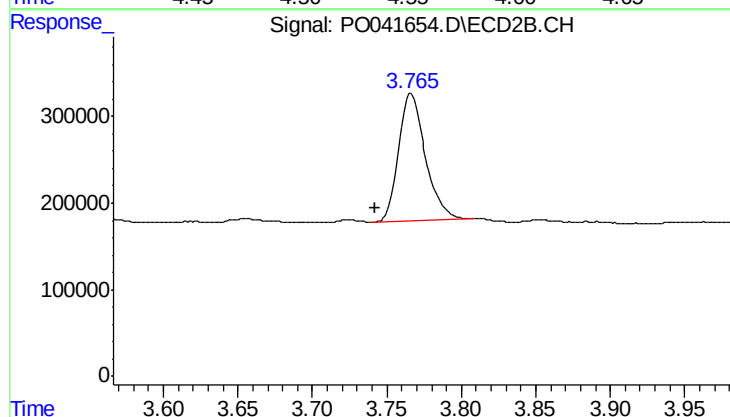
#6 AR-1016-4

R.T.: 4.831 min  
Delta R.T.: -0.021 min  
Response: 262744  
Conc: 23.32 ng/ml



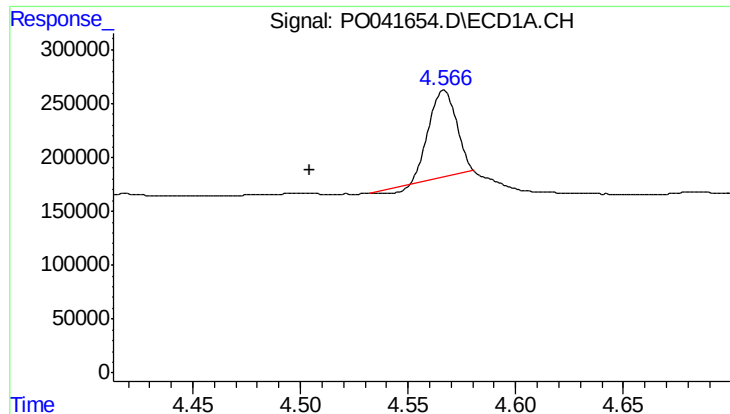
#10 AR-1221-3

R.T.: 4.567 min  
Delta R.T.: 0.063 min  
Response: 702426  
Conc: 129.79 ng/ml



#10 AR-1221-3

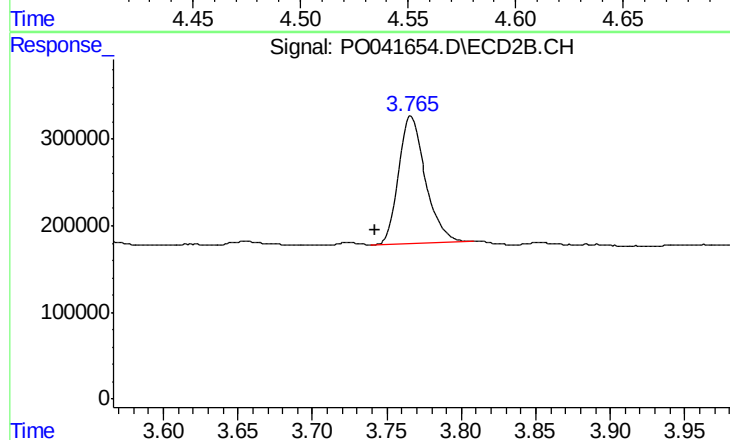
R.T.: 3.766 min  
Delta R.T.: 0.024 min  
Response: 1831809  
Conc: 226.13 ng/ml



#11 AR-1232-1

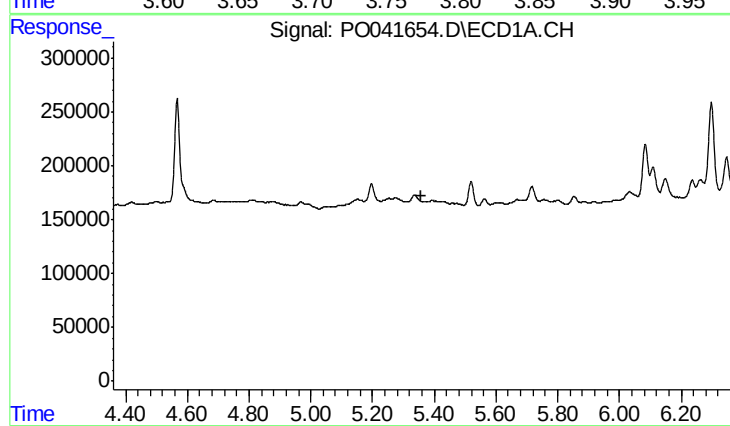
R.T.: 4.567 min  
Delta R.T.: 0.062 min  
Response: 702426  
Conc: 152.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



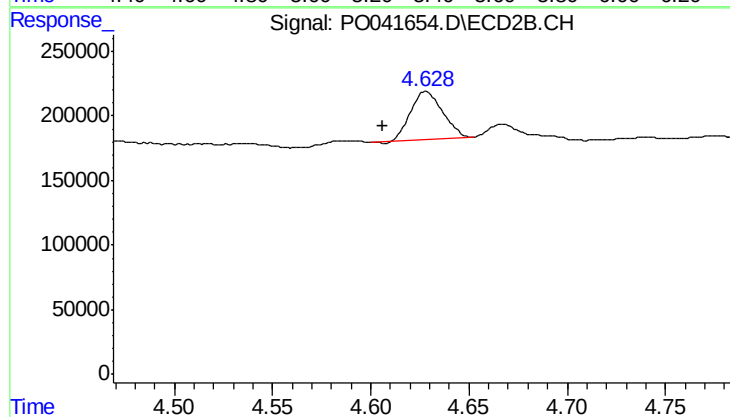
#11 AR-1232-1

R.T.: 3.766 min  
Delta R.T.: 0.024 min  
Response: 1831809  
Conc: 271.37 ng/ml



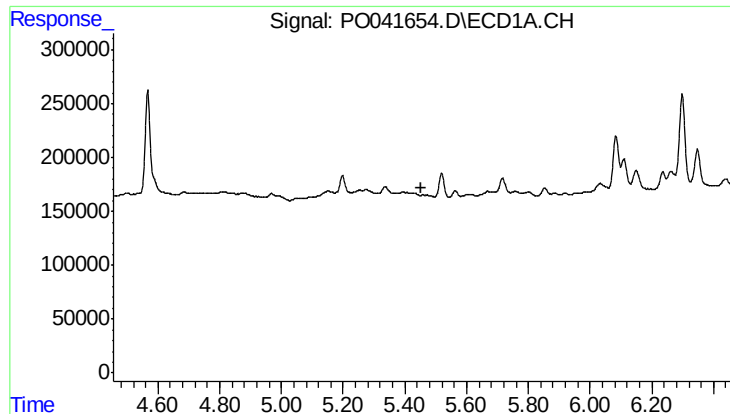
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.360 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

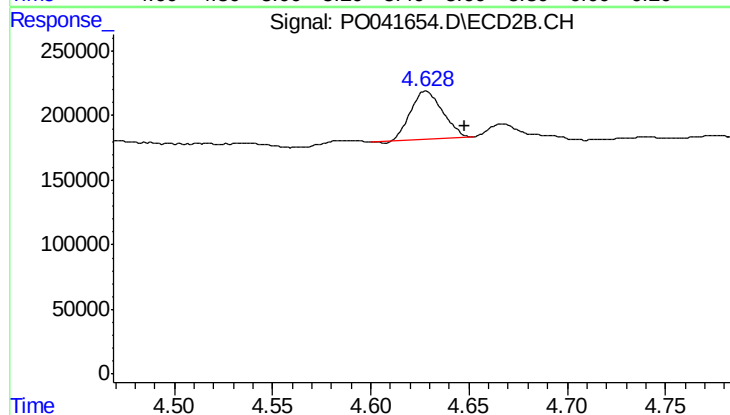
R.T.: 4.628 min  
Delta R.T.: 0.022 min  
Response: 417887  
Conc: 102.17 ng/ml



#15 AR-1232-5

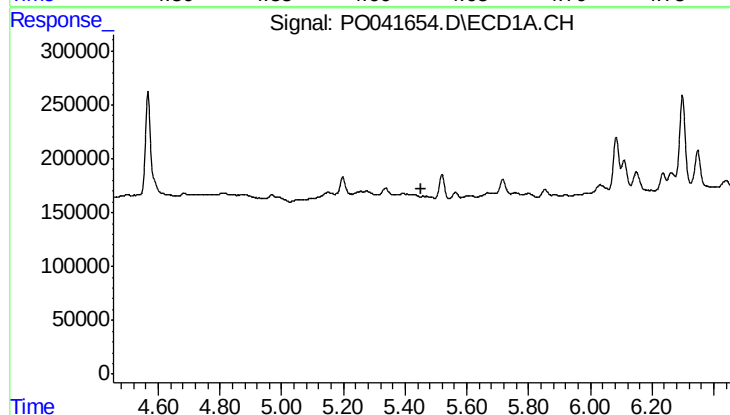
R.T.: 0.000 min  
Exp R.T.: 5.455 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



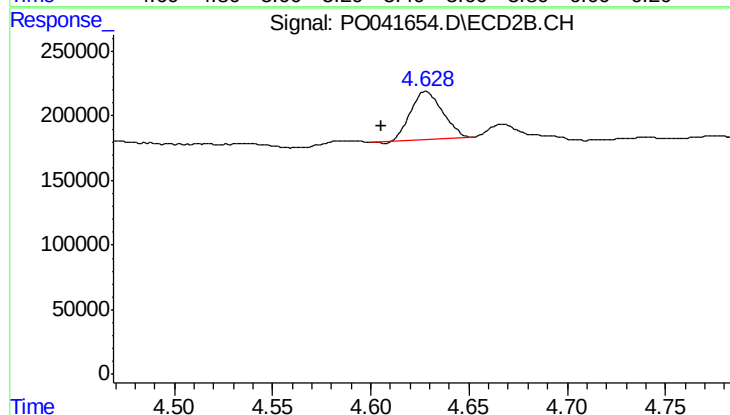
#15 AR-1232-5

R.T.: 4.628 min  
Delta R.T.: -0.020 min  
Response: 417887  
Conc: 143.87 ng/ml



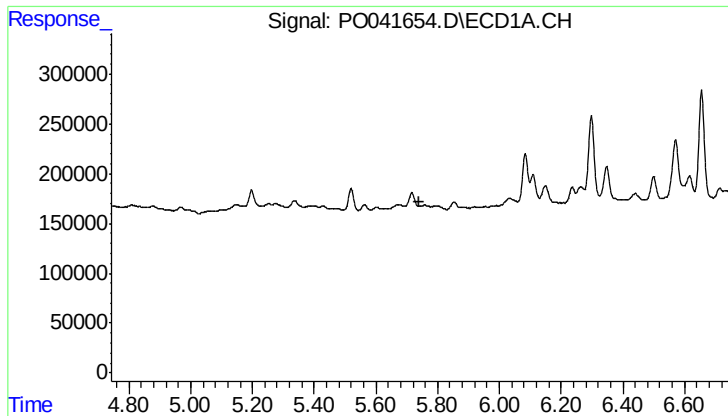
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.454 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

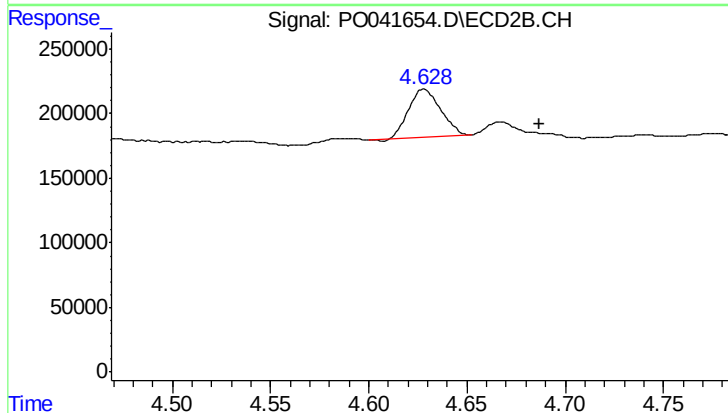
R.T.: 4.628 min  
Delta R.T.: 0.023 min  
Response: 417887  
Conc: 57.57 ng/ml



#19 AR-1242-4

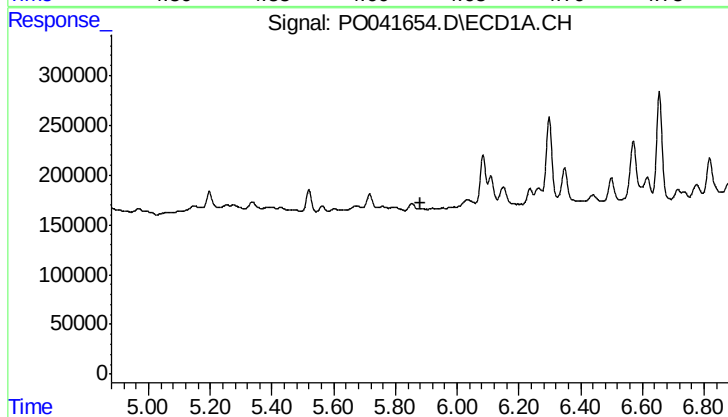
R.T.: 0.000 min  
Exp R.T.: 5.743 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



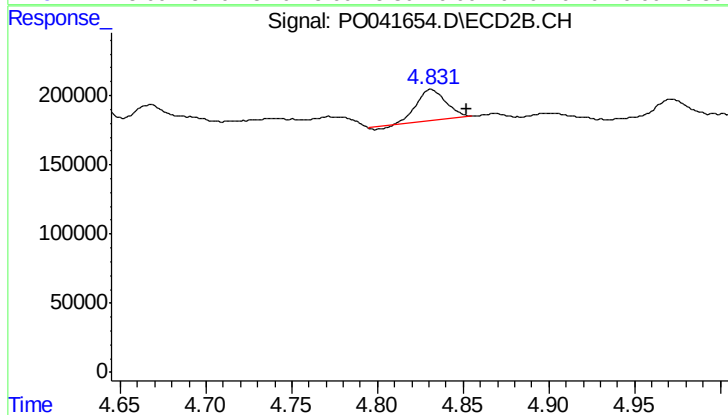
#19 AR-1242-4

R.T.: 4.628 min  
Delta R.T.: -0.059 min  
Response: 417887  
Conc: 57.66 ng/ml



#20 AR-1242-5

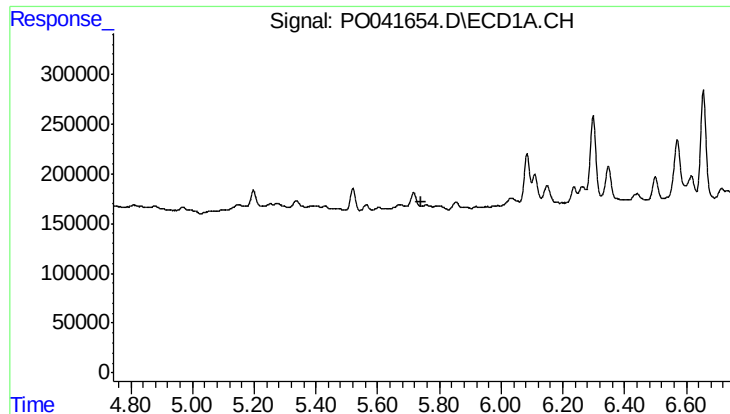
R.T.: 0.000 min  
Exp R.T.: 5.880 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

R.T.: 4.831 min  
Delta R.T.: -0.021 min  
Response: 262744  
Conc: 33.07 ng/ml

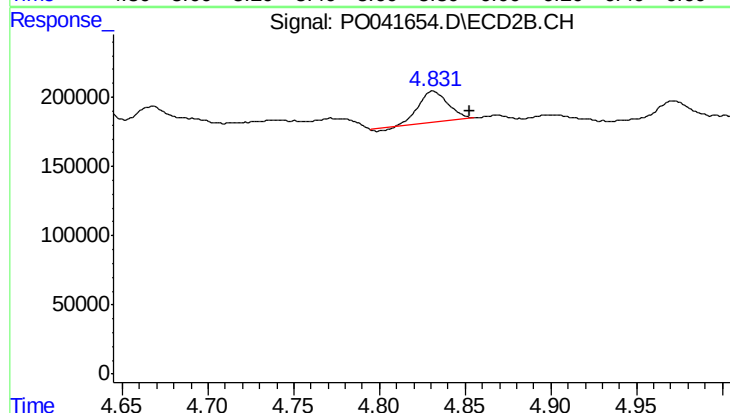




#21 AR-1248-1

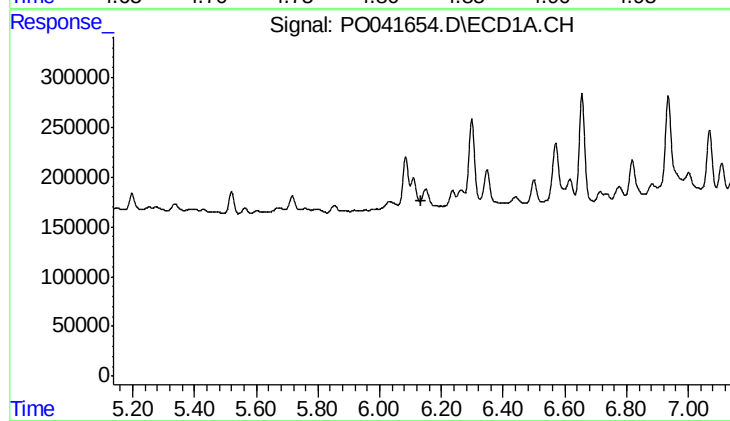
R.T.: 0.000 min  
Exp R.T.: 5.743 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



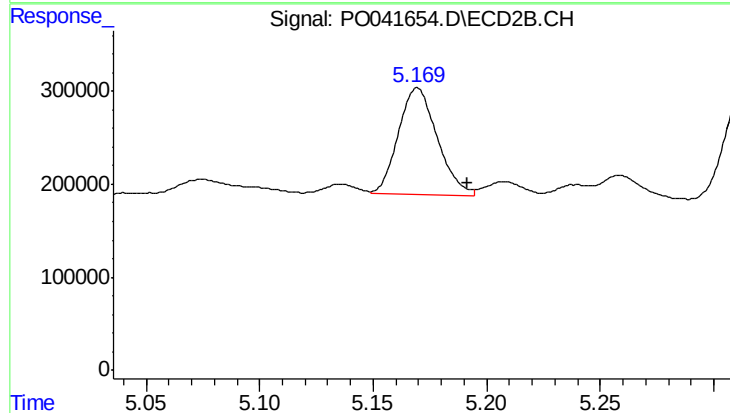
#21 AR-1248-1

R.T.: 4.831 min  
Delta R.T.: -0.021 min  
Response: 262744  
Conc: 21.14 ng/ml



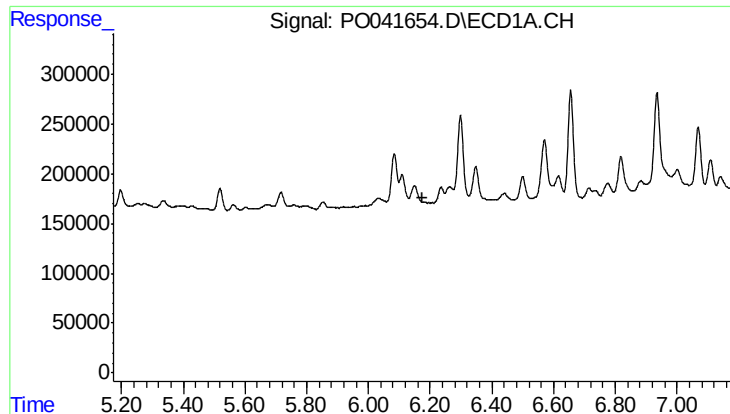
#23 AR-1248-3

R.T.: 6.084 min  
Delta R.T.: -0.053 min  
Response: -330800  
Conc: N.D.



#23 AR-1248-3

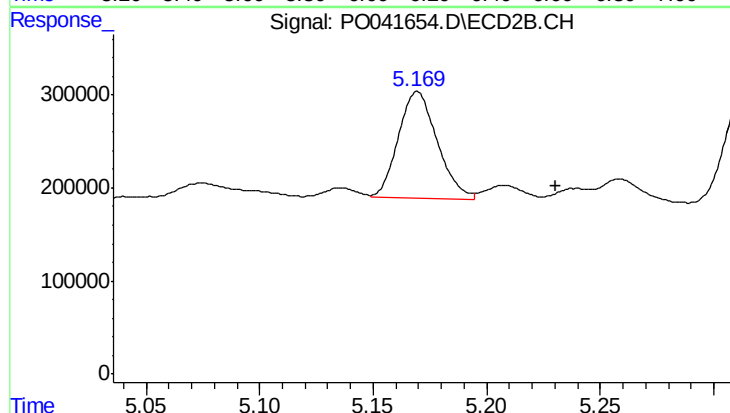
R.T.: 5.169 min  
Delta R.T.: -0.022 min  
Response: 1371197  
Conc: 71.22 ng/ml



#24 AR-1248-4

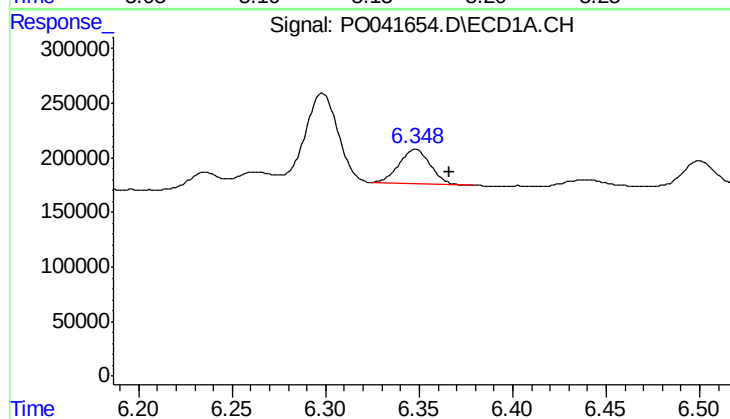
R.T.: 0.000 min  
Exp R.T.: 6.174 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



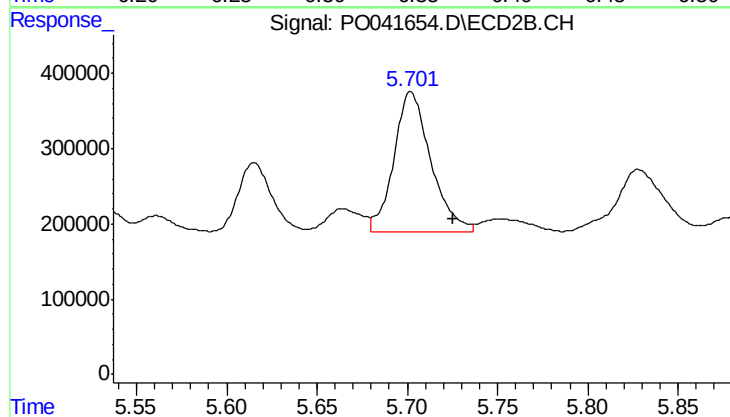
#24 AR-1248-4

R.T.: 5.169 min  
Delta R.T.: -0.061 min  
Response: 1371197  
Conc: 101.39 ng/ml



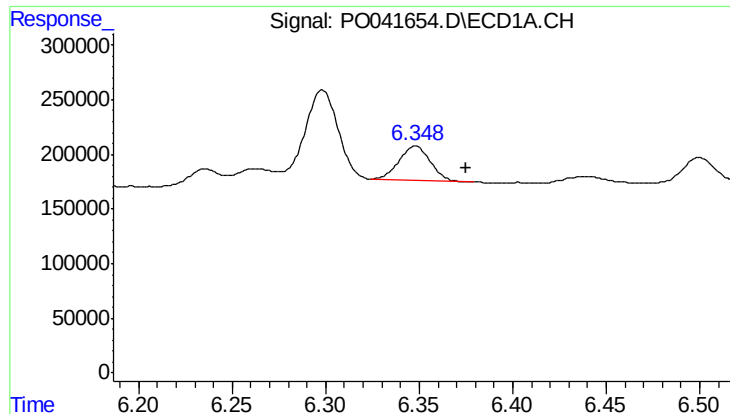
#25 AR-1248-5

R.T.: 6.348 min  
Delta R.T.: -0.018 min  
Response: 363547  
Conc: 55.26 ng/ml



#25 AR-1248-5

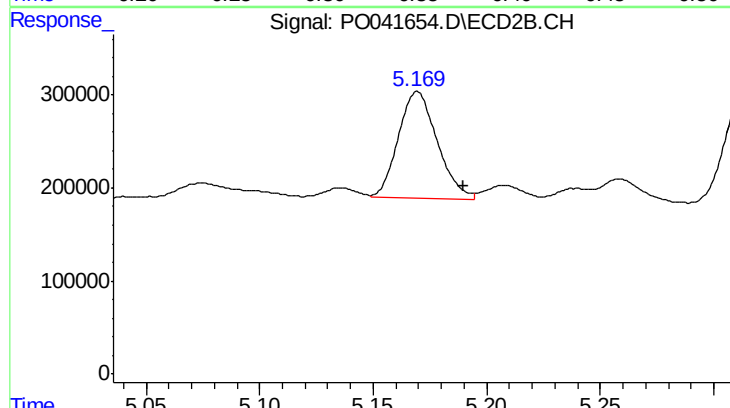
R.T.: 5.702 min  
Delta R.T.: -0.023 min  
Response: 2644394  
Conc: 296.29 ng/ml



#26 AR-1254-1

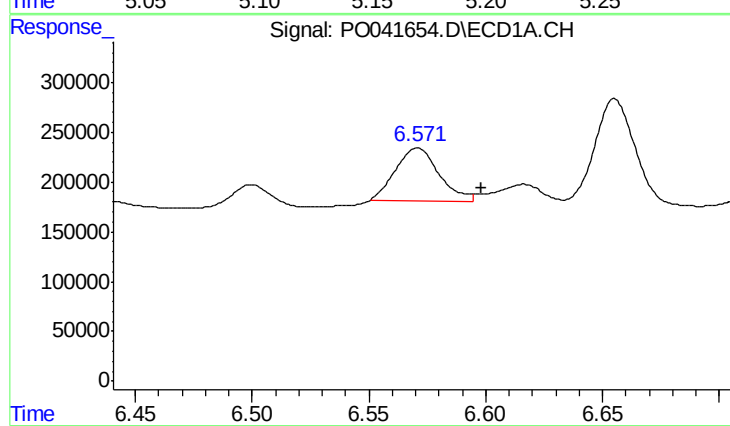
R.T.: 6.348 min  
Delta R.T.: -0.027 min  
Response: 363547  
Conc: 71.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



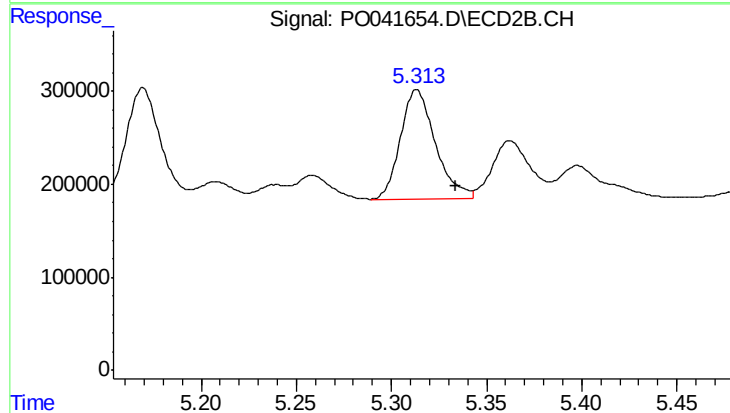
#26 AR-1254-1

R.T.: 5.169 min  
Delta R.T.: -0.020 min  
Response: 1371197  
Conc: 65.61 ng/ml



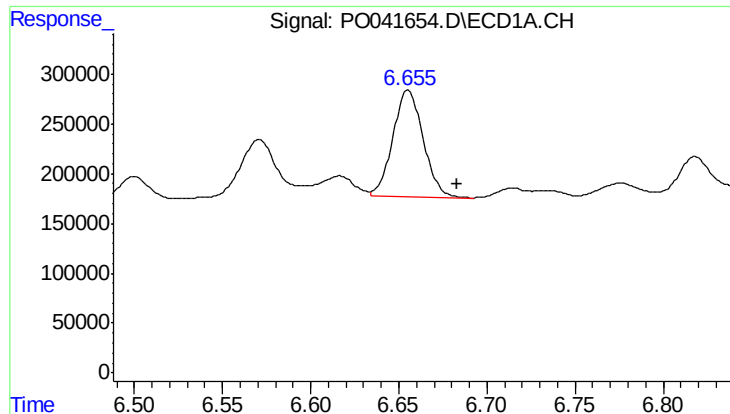
#27 AR-1254-2

R.T.: 6.571 min  
Delta R.T.: -0.027 min  
Response: 699701  
Conc: 80.53 ng/ml



#27 AR-1254-2

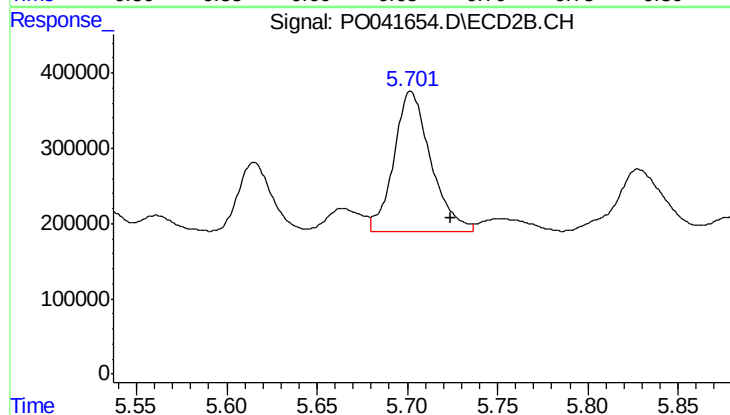
R.T.: 5.313 min  
Delta R.T.: -0.021 min  
Response: 1502698  
Conc: 81.39 ng/ml



#28 AR-1254-3

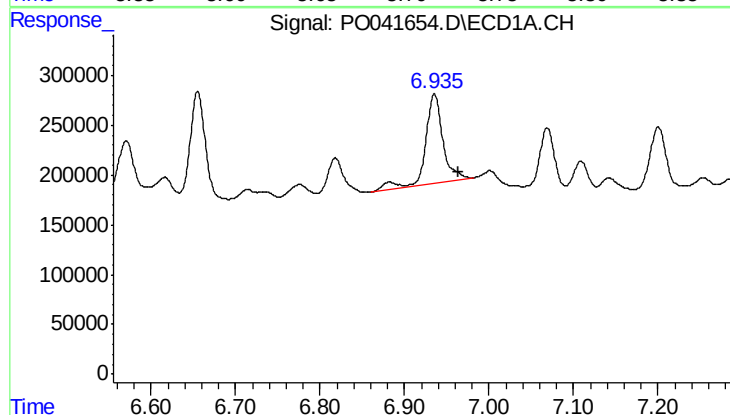
R.T.: 6.655 min  
Delta R.T.: -0.028 min  
Response: 1275368  
Conc: 81.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



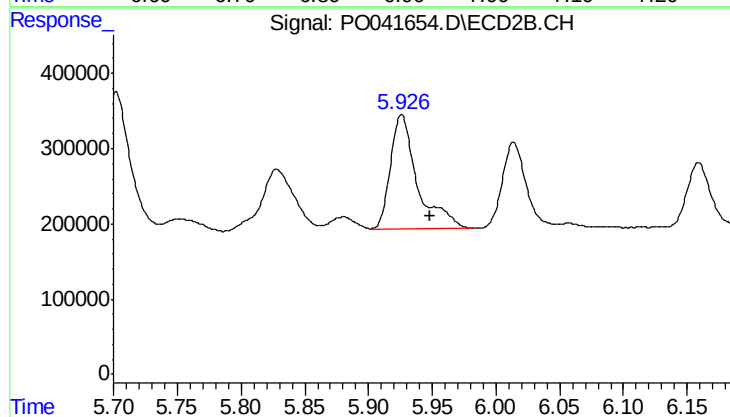
#28 AR-1254-3

R.T.: 5.702 min  
Delta R.T.: -0.022 min  
Response: 2644394  
Conc: 88.00 ng/ml



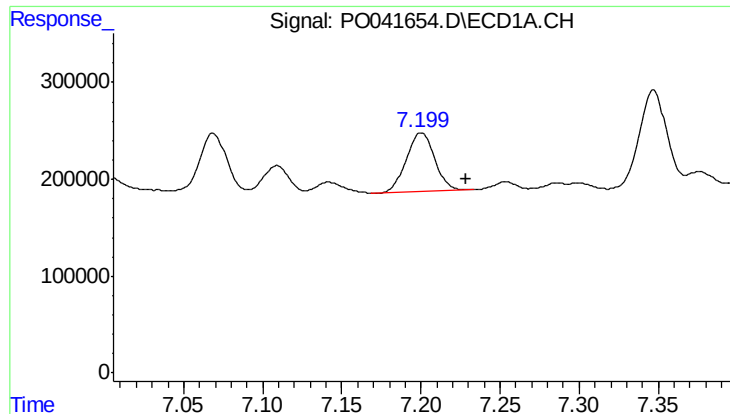
#29 AR-1254-4

R.T.: 6.935 min  
Delta R.T.: -0.028 min  
Response: 1325205  
Conc: 96.13 ng/ml



#29 AR-1254-4

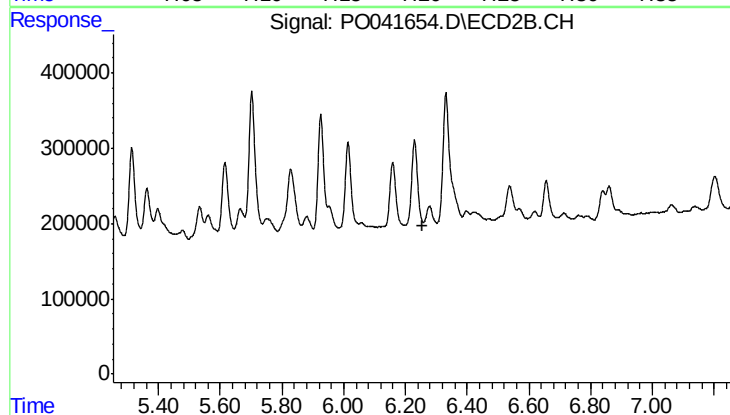
R.T.: 5.926 min  
Delta R.T.: -0.022 min  
Response: 2273908  
Conc: 106.15 ng/ml



#30 AR-1254-5

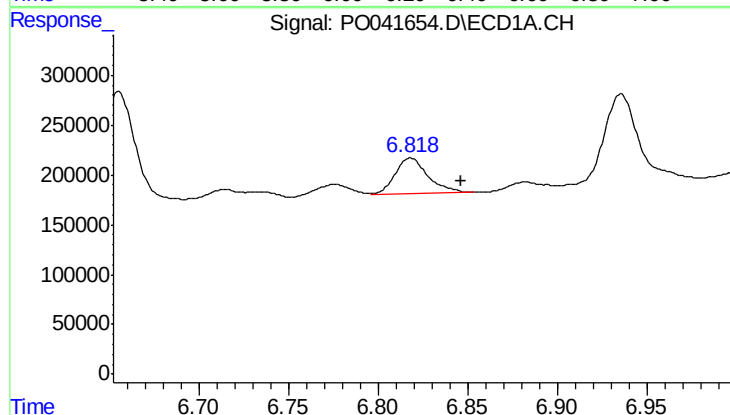
R.T.: 7.200 min  
Delta R.T.: -0.028 min  
Response: 764683  
Conc: 81.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



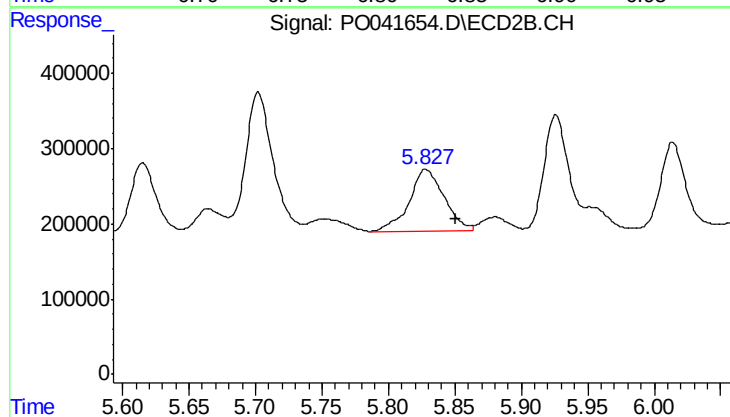
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 6.254 min  
Response: 0  
Conc: N.D.



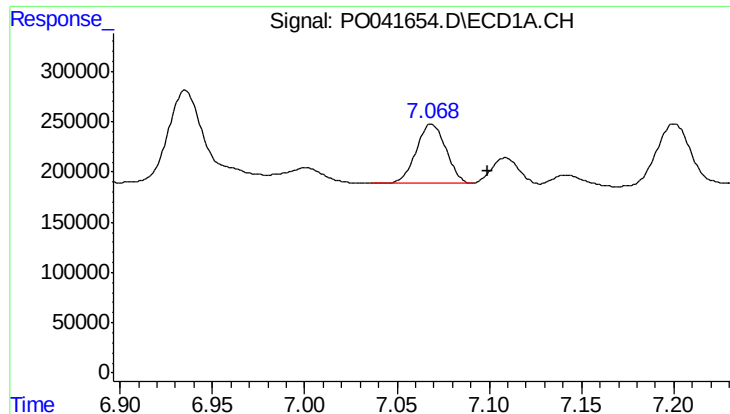
#31 AR-1260-1

R.T.: 6.818 min  
Delta R.T.: -0.028 min  
Response: 468774  
Conc: 34.86 ng/ml



#31 AR-1260-1

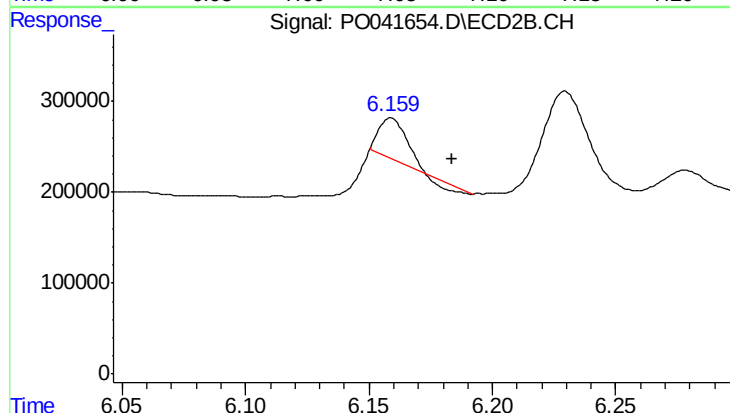
R.T.: 5.828 min  
Delta R.T.: -0.023 min  
Response: 1484286  
Conc: 57.59 ng/ml



#32 AR-1260-2

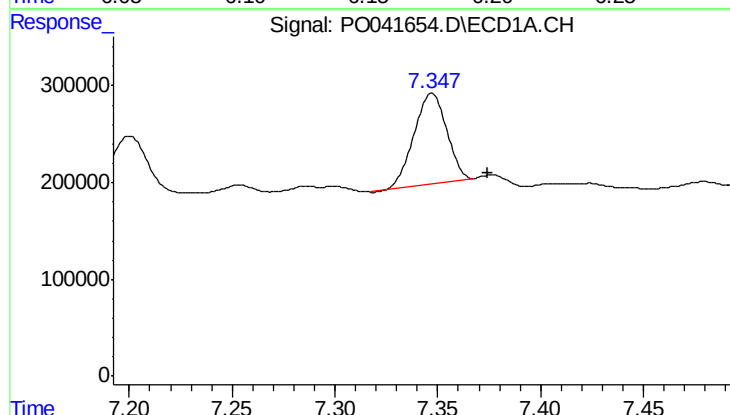
R.T.: 7.069 min  
Delta R.T.: -0.031 min  
Response: 655339  
Conc: 33.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



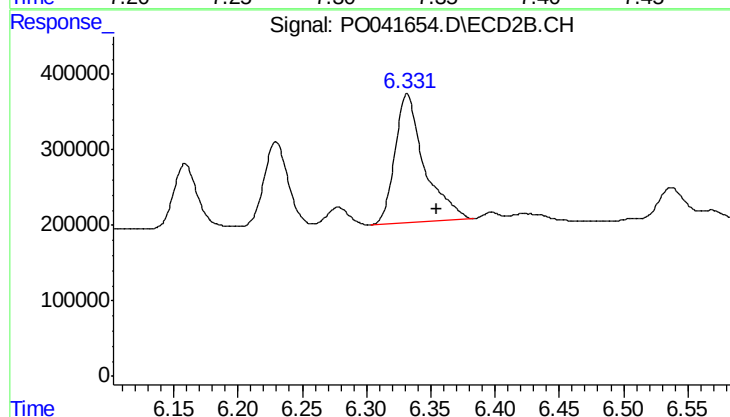
#32 AR-1260-2

R.T.: 6.159 min  
Delta R.T.: -0.024 min  
Response: 303914  
Conc: 9.79 ng/ml



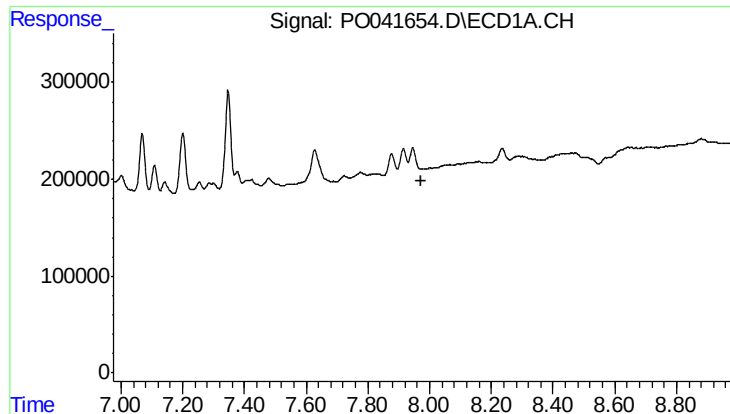
#33 AR-1260-3

R.T.: 7.347 min  
Delta R.T.: -0.027 min  
Response: 1044001  
Conc: 50.37 ng/ml



#33 AR-1260-3

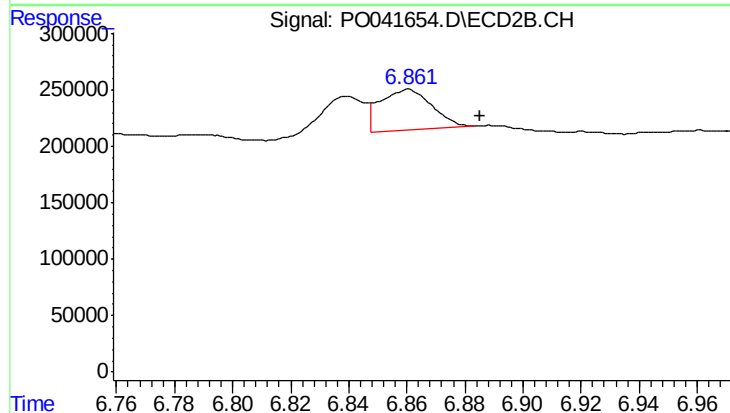
R.T.: 6.332 min  
Delta R.T.: -0.023 min  
Response: 2708295  
Conc: 72.73 ng/ml



#34 AR-1260-4

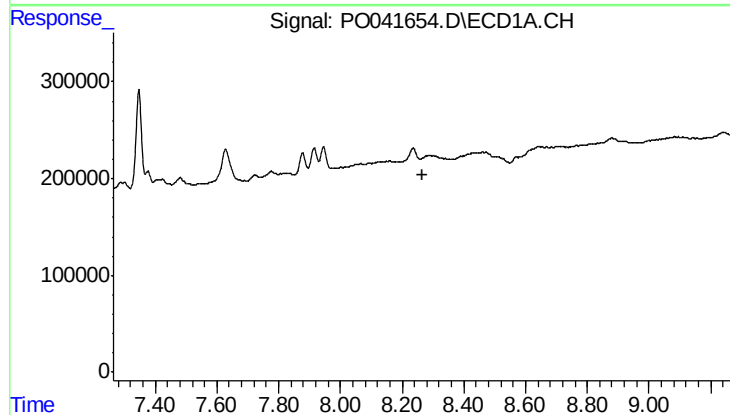
R.T.: 0.000 min  
Exp R.T.: 7.975 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



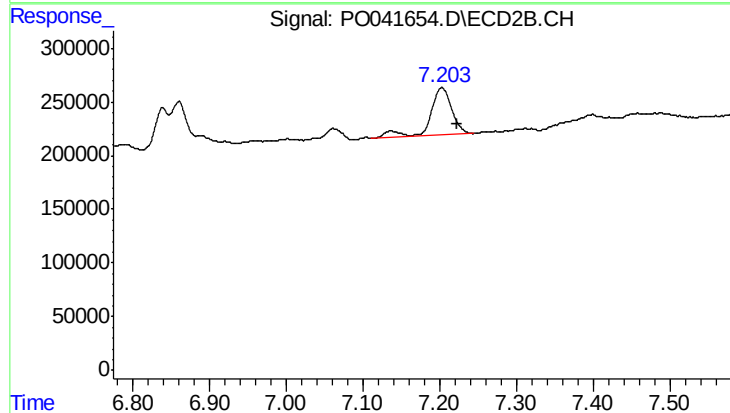
#34 AR-1260-4

R.T.: 6.861 min  
Delta R.T.: -0.025 min  
Response: 447463  
Conc: 6.47 ng/ml



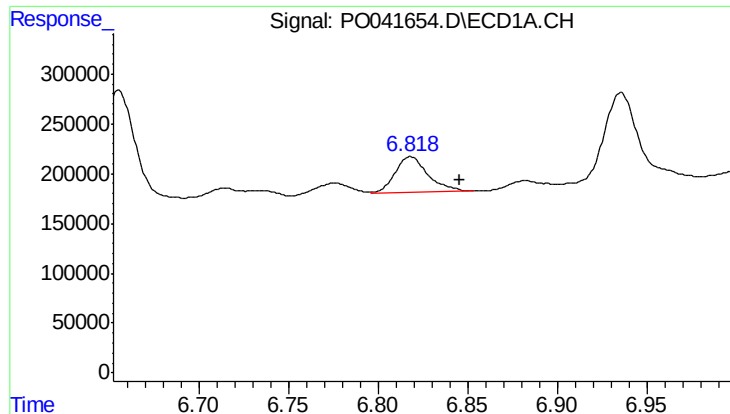
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.264 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

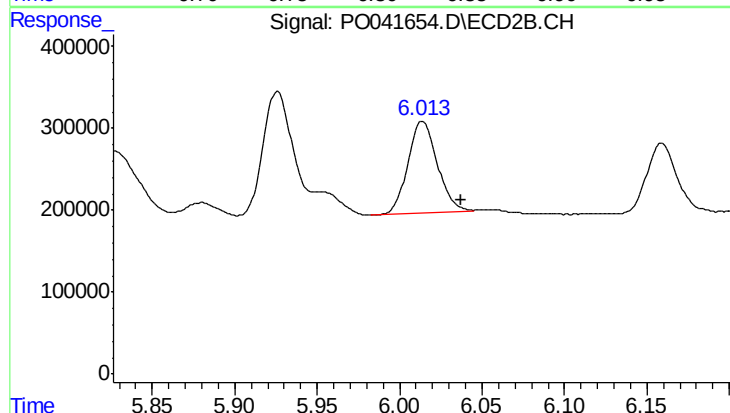
R.T.: 7.203 min  
Delta R.T.: -0.021 min  
Response: 846234  
Conc: 18.64 ng/ml



#36 AR-1262-1

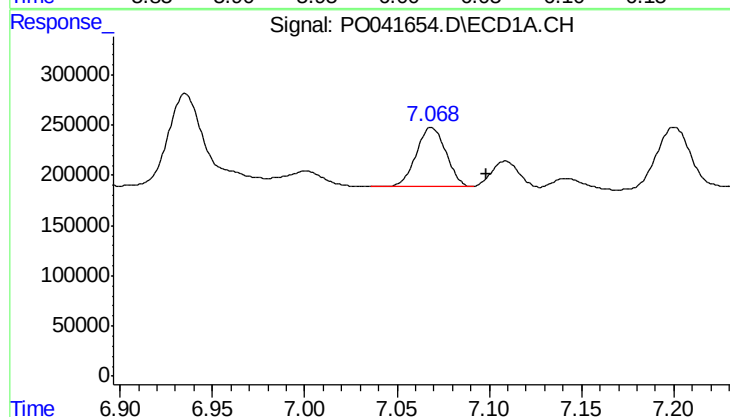
R.T.: 6.818 min  
Delta R.T.: -0.028 min  
Response: 468774  
Conc: 52.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



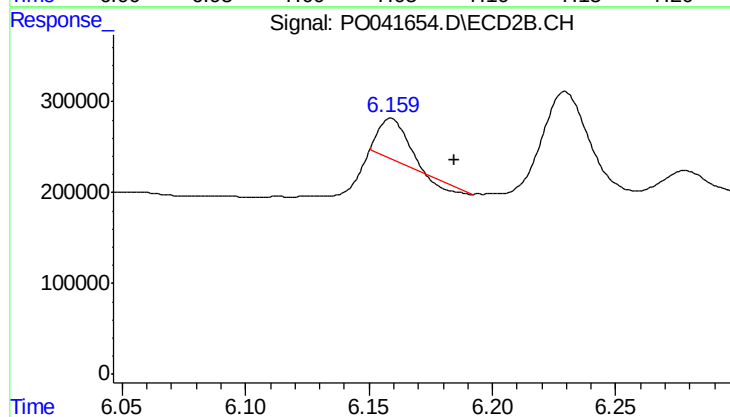
#36 AR-1262-1

R.T.: 6.014 min  
Delta R.T.: -0.023 min  
Response: 1385081  
Conc: 58.59 ng/ml



#37 AR-1262-2

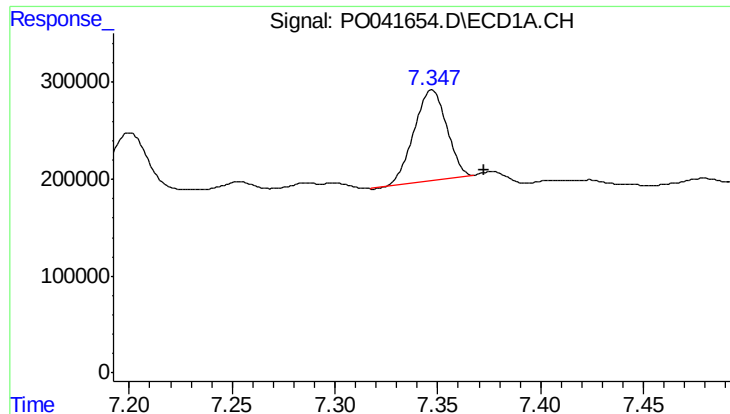
R.T.: 7.069 min  
Delta R.T.: -0.030 min  
Response: 655339  
Conc: 50.83 ng/ml



#37 AR-1262-2

R.T.: 6.159 min  
Delta R.T.: -0.026 min  
Response: 303914  
Conc: 14.41 ng/ml

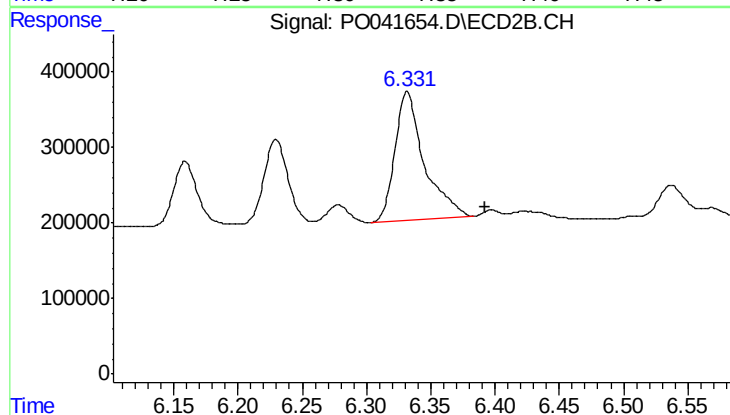




#38 AR-1262-3

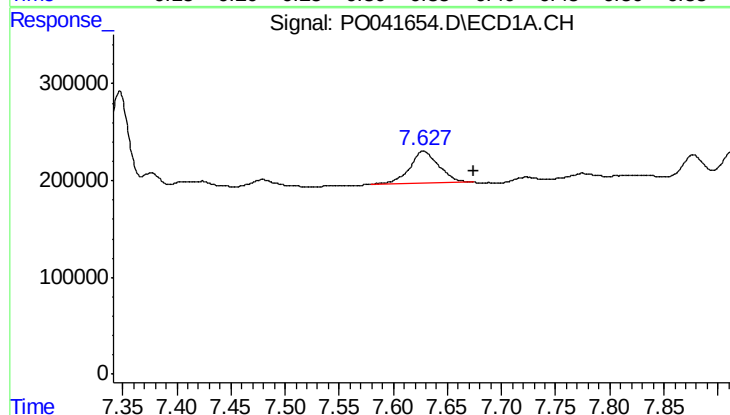
R.T.: 7.347 min  
Delta R.T.: -0.025 min  
Response: 1044001  
Conc: 91.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



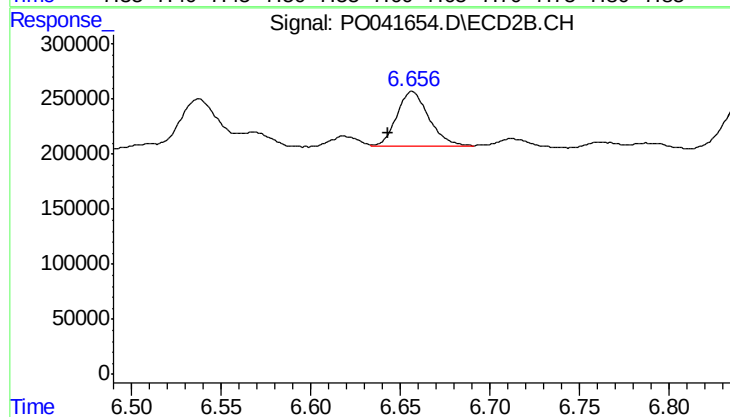
#38 AR-1262-3

R.T.: 6.332 min  
Delta R.T.: -0.061 min  
Response: 2708295  
Conc: 65.99 ng/ml



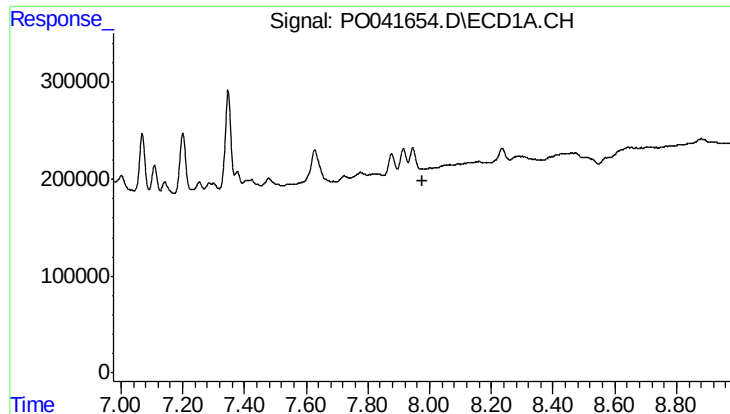
#39 AR-1262-4

R.T.: 7.628 min  
Delta R.T.: -0.047 min  
Response: 617392  
Conc: 41.36 ng/ml



#39 AR-1262-4

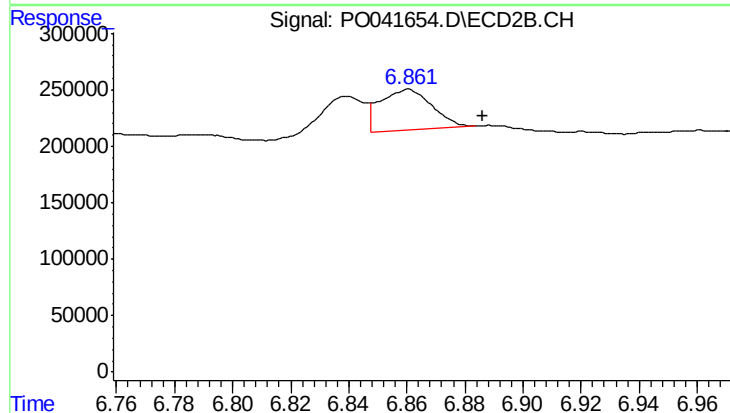
R.T.: 6.656 min  
Delta R.T.: 0.013 min  
Response: 611096  
Conc: 20.18 ng/ml



#40 AR-1262-5

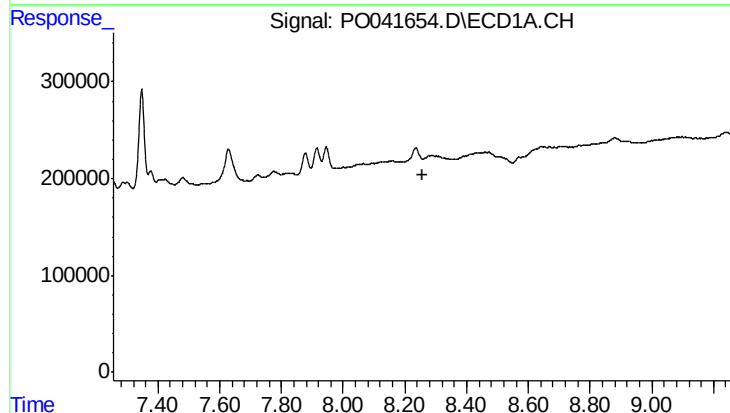
R.T.: 0.000 min  
Exp R.T.: 7.975 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



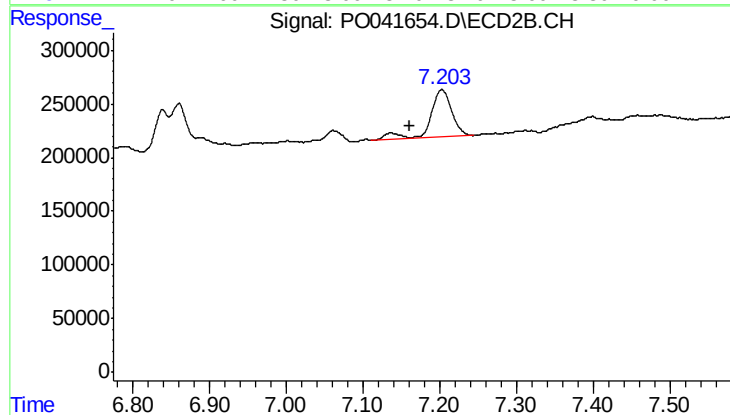
#40 AR-1262-5

R.T.: 6.861 min  
Delta R.T.: -0.025 min  
Response: 447463  
Conc: 6.75 ng/ml



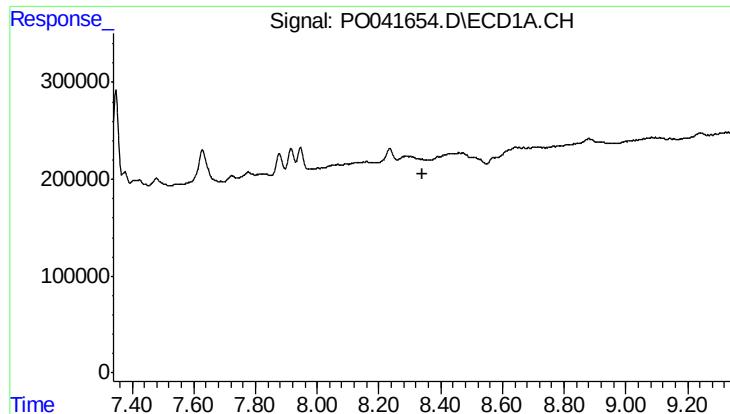
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 8.255 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

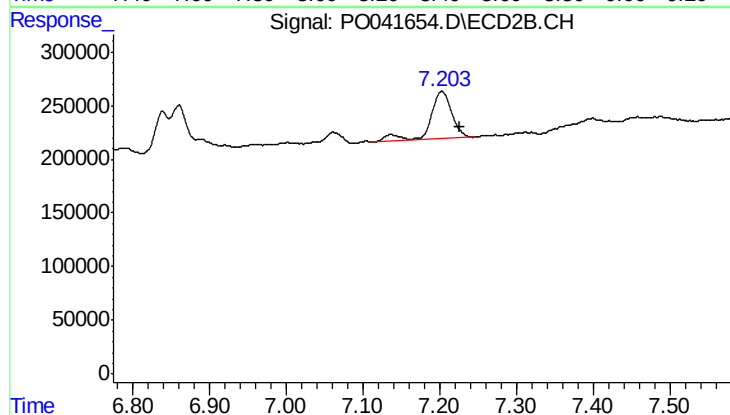
R.T.: 7.203 min  
Delta R.T.: 0.042 min  
Response: 846234  
Conc: 9.69 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.339 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
22C-2



#42 AR-1268-2

R.T.: 7.203 min  
Delta R.T.: -0.023 min  
Response: 846234  
Conc: 11.25 ng/ml