

Data Path : P:\HPCHEM1\ECD\_0\Data\P0043018\  
 Data File : P0044203.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Apr 2018 10:21  
 Operator : SM/UA  
 Sample : J2585-01RE  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 FK-PS-01.022RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 10:37:46 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...          | 4.040 | 3.295 | 11098478 | 14118511 | 15.504  | 14.595   |
| 2) SA Decachlor...          | 9.385 | 8.058 | 5382660  | 6398684  | 8.739   | 7.710    |
| Target Compounds            |       |       |          |          |         |          |
| 4) L1 AR-1016-2             | 5.316 | 0.000 | 195343   | 0        | 10.546  | N.D. #   |
| 5) L1 AR-1016-3             | 5.316 | 0.000 | 195343   | 0        | 13.140  | N.D. #   |
| 7) L1 AR-1016-5             | 0.000 | 5.092 | 0        | 517975   | N.D.    | 24.820 # |
| 9) L2 AR-1221-2             | 0.000 | 3.580 | 0        | 223065   | N.D.    | 23.352 # |
| 10) L2 AR-1221-3            | 4.415 | 3.649 | 763790   | 830208   | 32.099  | 27.108   |
| 11) L3 AR-1232-1            | 4.415 | 3.649 | 763790   | 830208   | 68.719  | 58.356   |
| 12) L3 AR-1232-2            | 5.109 | 0.000 | 765032   | 0        | 101.042 | N.D. #   |
| 13) L3 AR-1232-3            | 0.000 | 4.416 | 0        | 165328   | N.D.    | 14.340 # |
| 14) L3 AR-1232-4            | 5.316 | 0.000 | 195343   | 0        | 24.766  | N.D. #   |
| 15) L3 AR-1232-5            | 5.316 | 0.000 | 195343   | 0        | 31.355  | N.D. #   |
| 18) L4 AR-1242-3            | 5.316 | 0.000 | 195343   | 0        | 19.695  | N.D. #   |
| 23) L5 AR-1248-3            | 0.000 | 5.092 | 0        | 517975   | N.D.    | 15.052 # |
| 24) L5 AR-1248-4            | 0.000 | 5.121 | 0        | 185917   | N.D.    | 6.583 #  |
| 25) L5 AR-1248-5            | 6.254 | 0.000 | 820682   | 0        | 66.705  | N.D. #   |
| 26) L6 AR-1254-1            | 6.207 | 5.092 | 820715   | 517975   | 23.615  | 11.149 # |
| 27) L6 AR-1254-2            | 6.468 | 5.281 | 277576   | 1961616  | 12.225  | 49.916 # |
| 28) L6 AR-1254-3            | 6.571 | 0.000 | 1741671  | 0        | 46.169  | N.D. #   |
| 30) L6 AR-1254-5            | 7.050 | 6.132 | 204880   | 278996   | 9.028   | 9.336    |
| 32) L7 AR-1260-2            | 6.966 | 5.928 | 278067   | 2403032  | 8.022   | 44.680 # |
| 33) L7 AR-1260-3            | 0.000 | 6.240 | 0        | 138177   | N.D.    | 2.529 #  |
| 34) L7 AR-1260-4            | 7.847 | 6.768 | 127284   | 616501   | 1.932   | 5.620 #  |
| 36) L8 AR-1262-1            | 0.000 | 5.928 | 0        | 2403032  | N.D.    | 56.651 # |
| 37) L8 AR-1262-2            | 6.966 | 6.132 | 278067   | 278996   | 10.039  | 7.078 #  |
| 38) L8 AR-1262-3            | 7.251 | 6.240 | 99397    | 138177   | 3.863   | 2.021 #  |
| 40) L8 AR-1262-5            | 7.847 | 6.768 | 127284   | 616501   | 1.603   | 4.771 #  |
| 43) L9 AR-1268-3            | 0.000 | 7.254 | 0        | 180577   | N.D.    | 1.753 #  |
| 44) L9 AR-1268-4            | 8.743 | 0.000 | 269809   | 0        | 9.809   | N.D. #   |
| -----                       |       |       |          |          |         |          |

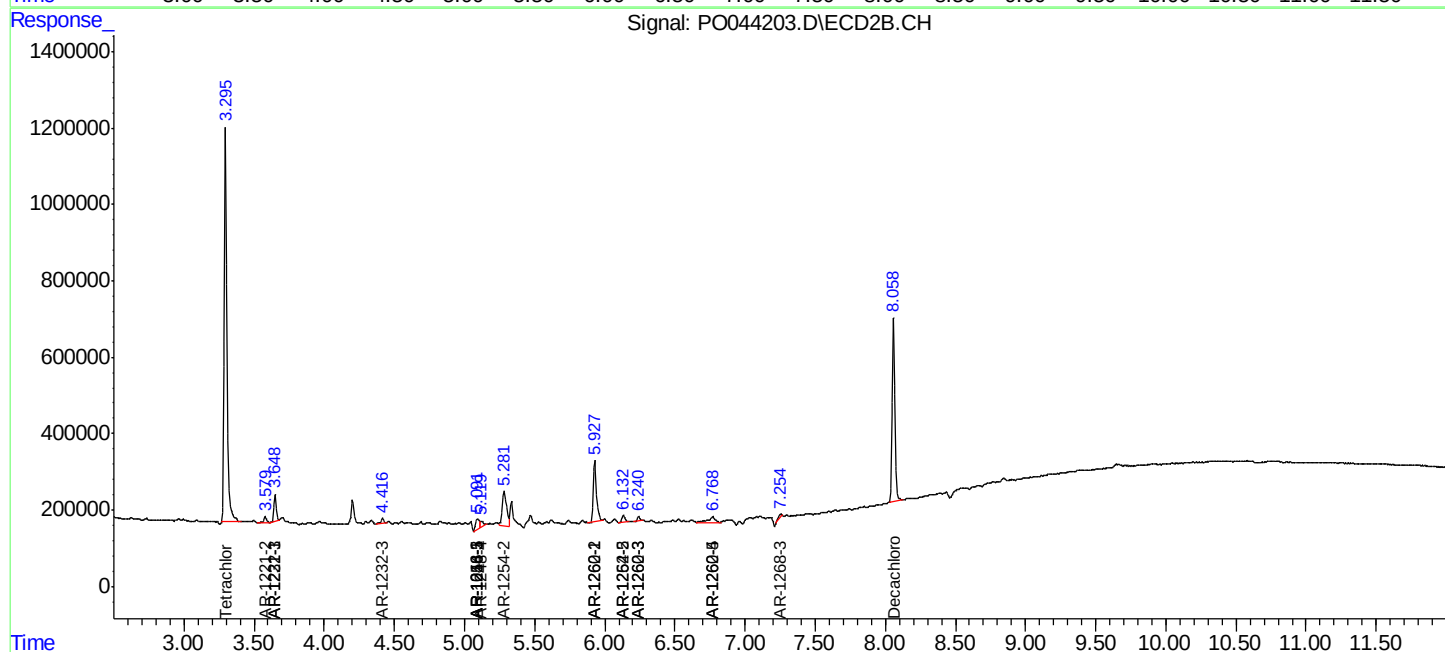
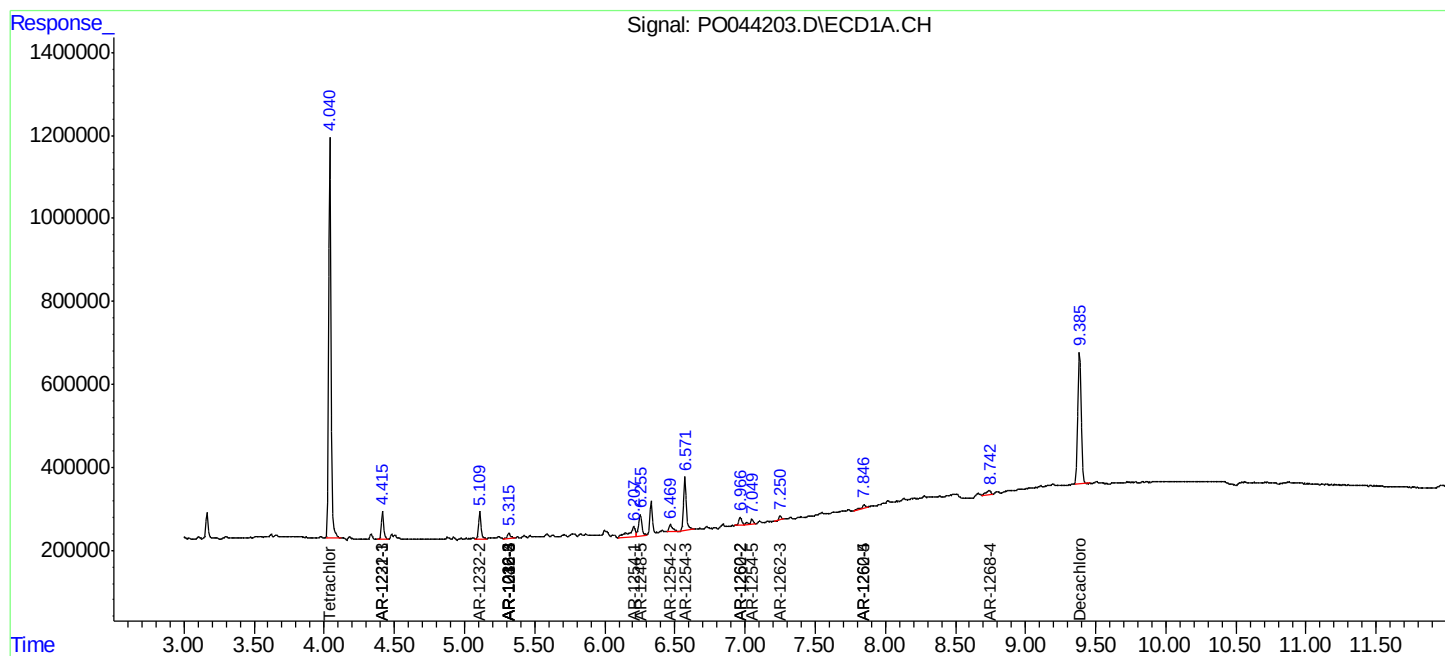
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

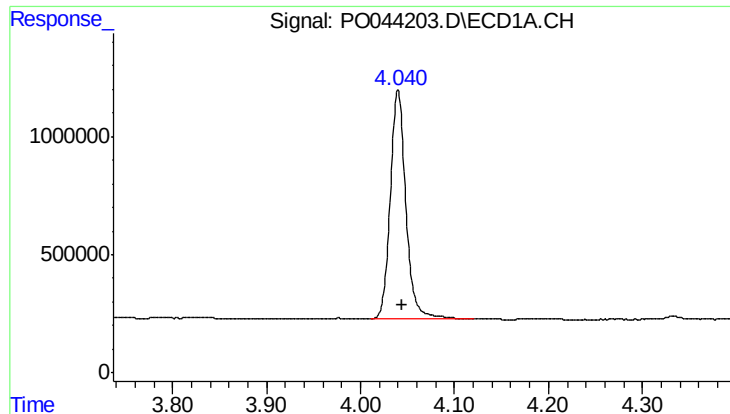
Data Path : P:\HPCHEM1\ECD\_0\Data\PO043018\  
Data File : PO044203.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Apr 2018 10:21  
Operator : SM/UA  
Sample : J2585-01RE  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 10:37:46 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

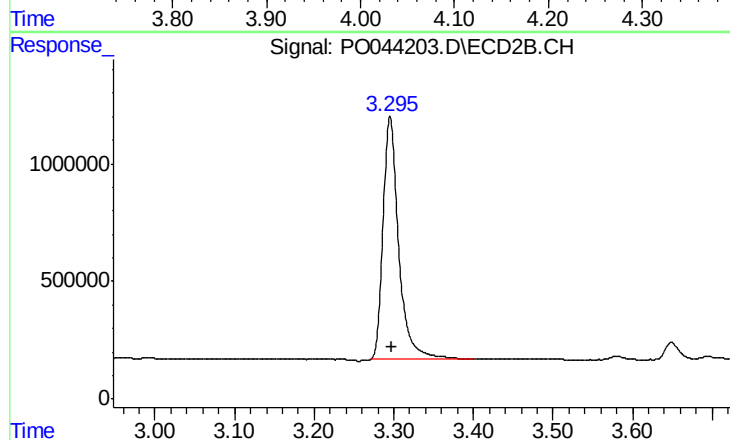




#1 Tetrachloro-m-xylene

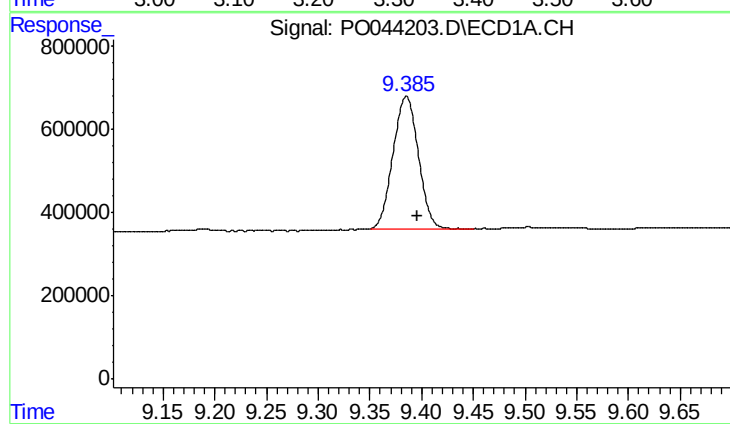
R.T.: 4.040 min  
Delta R.T.: -0.004 min  
Response: 11098478  
Conc: 15.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



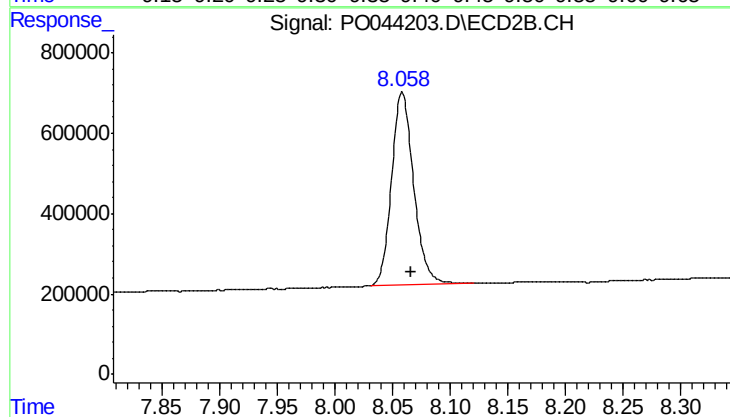
#1 Tetrachloro-m-xylene

R.T.: 3.295 min  
Delta R.T.: -0.003 min  
Response: 14118511  
Conc: 14.59 ng/ml



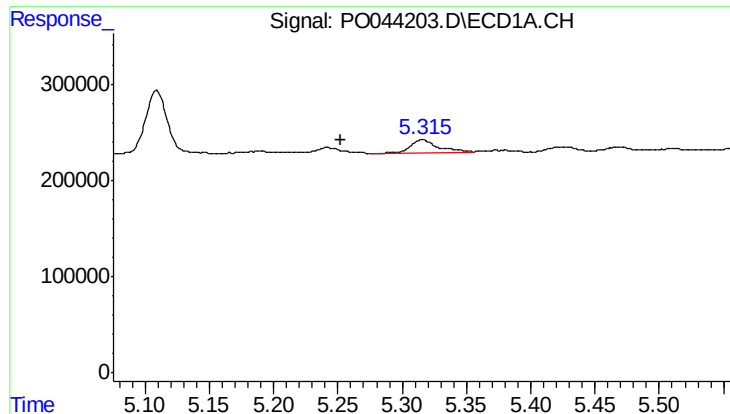
#2 Decachlorobiphenyl

R.T.: 9.385 min  
Delta R.T.: -0.011 min  
Response: 5382660  
Conc: 8.74 ng/ml



#2 Decachlorobiphenyl

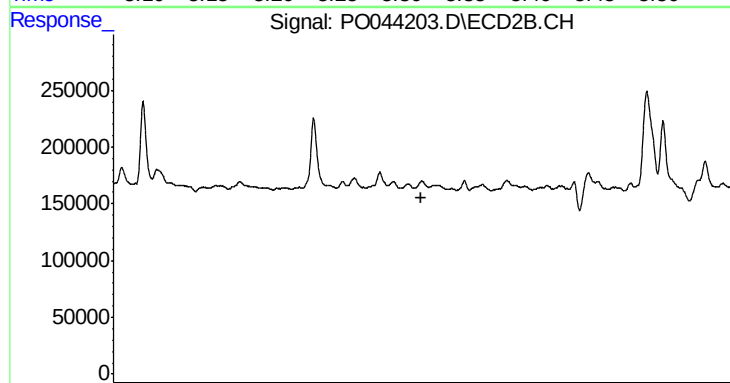
R.T.: 8.058 min  
Delta R.T.: -0.008 min  
Response: 6398684  
Conc: 7.71 ng/ml



#4 AR-1016-2

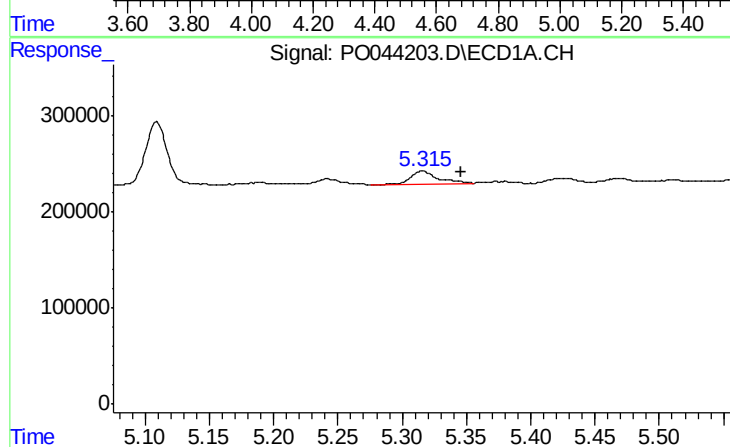
R.T.: 5.316 min  
Delta R.T.: 0.064 min  
Response: 195343  
Conc: 10.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



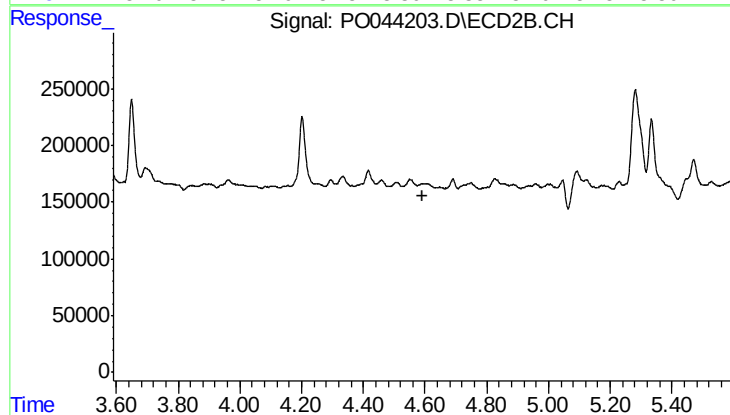
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 4.552 min  
Response: 0  
Conc: N.D.



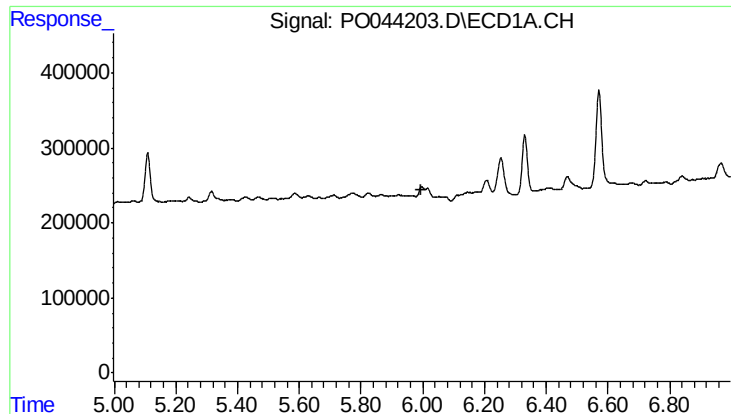
#5 AR-1016-3

R.T.: 5.316 min  
Delta R.T.: -0.030 min  
Response: 195343  
Conc: 13.14 ng/ml



#5 AR-1016-3

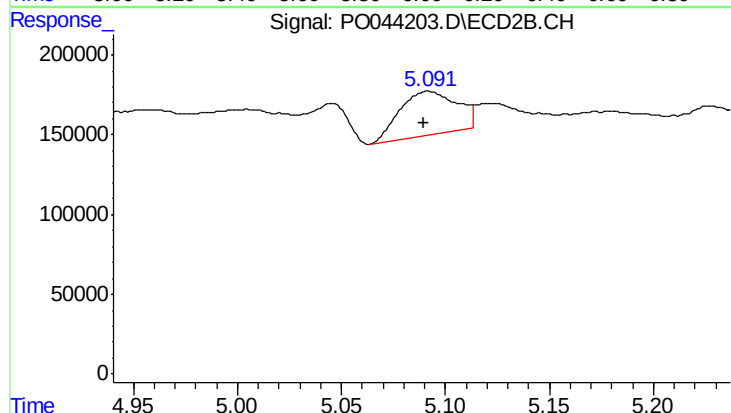
R.T.: 0.000 min  
Exp R.T.: 4.590 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

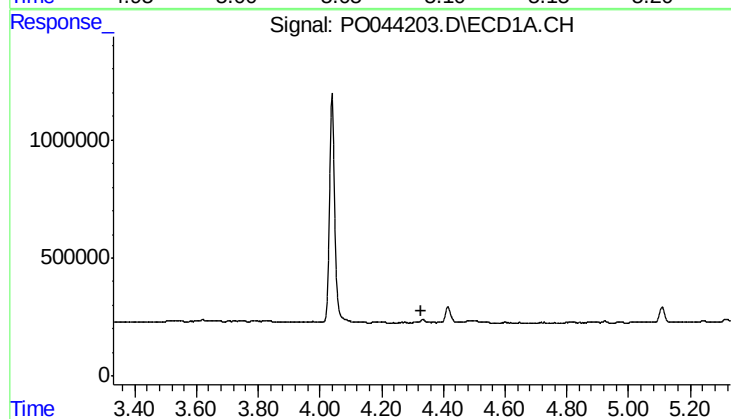
R.T.: 0.000 min  
Exp R.T.: 5.997 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



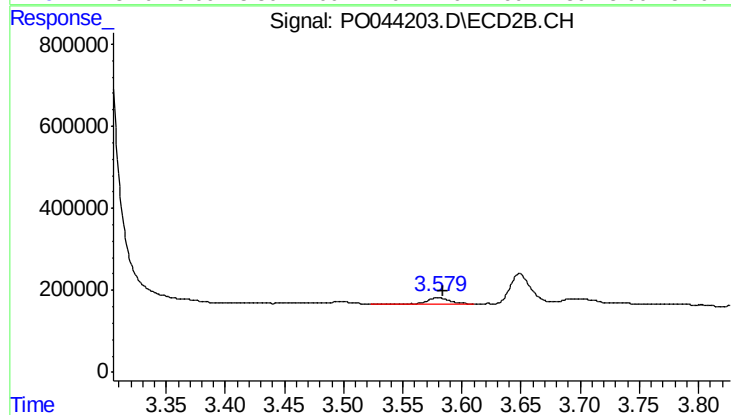
#7 AR-1016-5

R.T.: 5.092 min  
Delta R.T.: 0.002 min  
Response: 517975  
Conc: 24.82 ng/ml



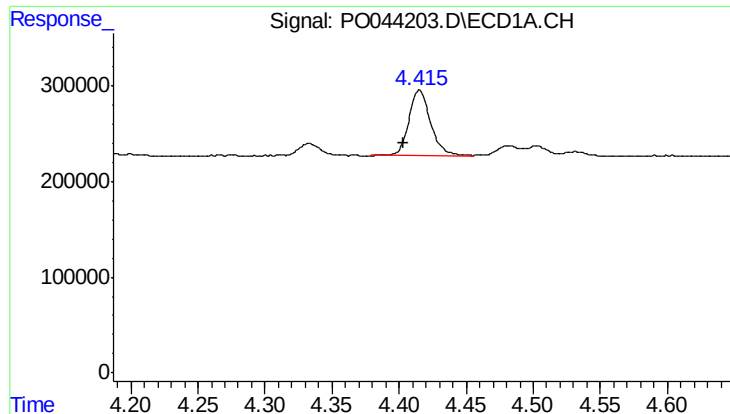
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 4.331 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

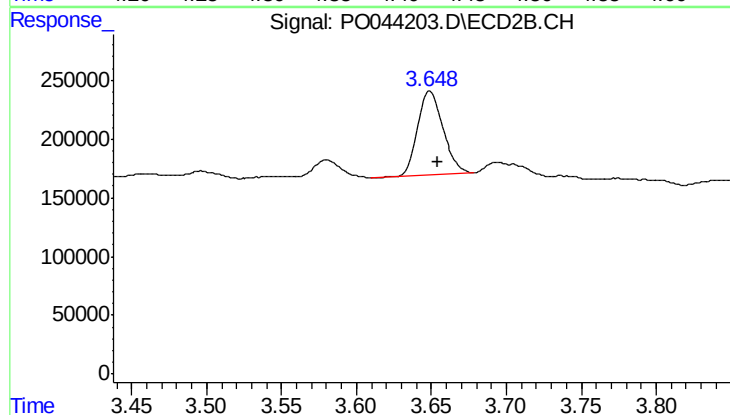
R.T.: 3.580 min  
Delta R.T.: -0.004 min  
Response: 223065  
Conc: 23.35 ng/ml



#10 AR-1221-3

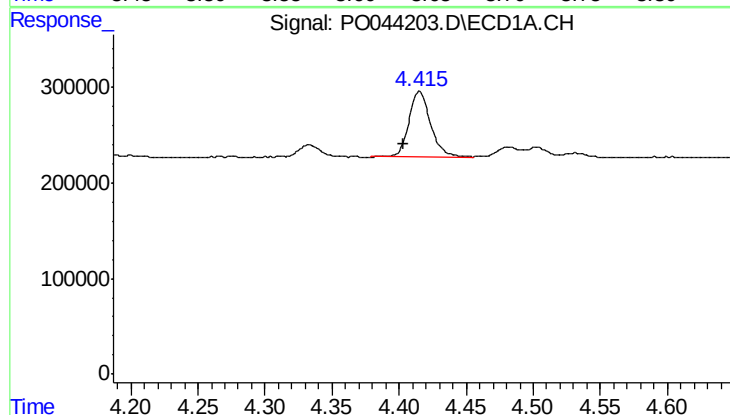
R.T.: 4.415 min  
Delta R.T.: 0.012 min  
Response: 763790  
Conc: 32.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



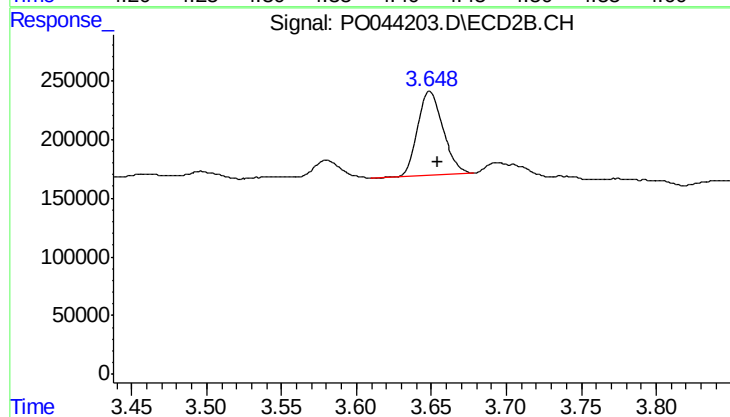
#10 AR-1221-3

R.T.: 3.649 min  
Delta R.T.: -0.006 min  
Response: 830208  
Conc: 27.11 ng/ml



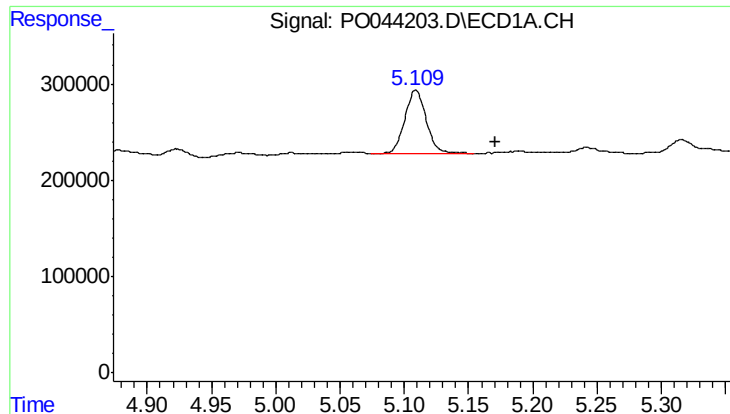
#11 AR-1232-1

R.T.: 4.415 min  
Delta R.T.: 0.012 min  
Response: 763790  
Conc: 68.72 ng/ml



#11 AR-1232-1

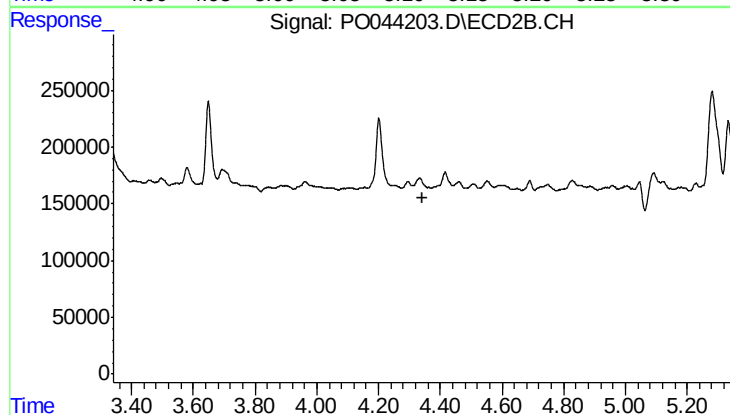
R.T.: 3.649 min  
Delta R.T.: -0.006 min  
Response: 830208  
Conc: 58.36 ng/ml



#12 AR-1232-2

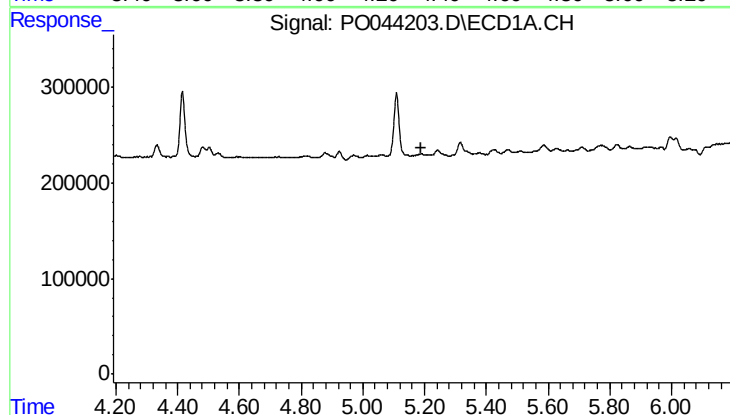
R.T.: 5.109 min  
Delta R.T.: -0.062 min  
Response: 765032  
Conc: 101.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



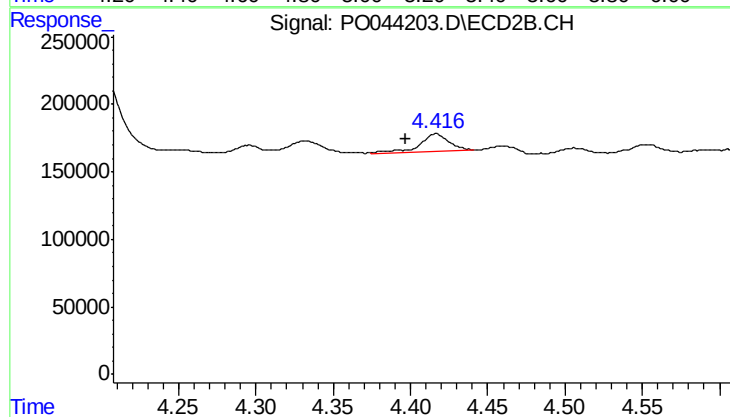
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 4.341 min  
Response: 0  
Conc: N.D.



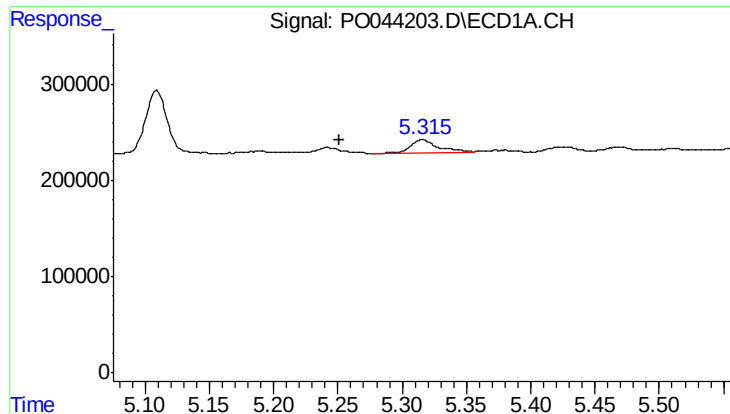
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.191 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

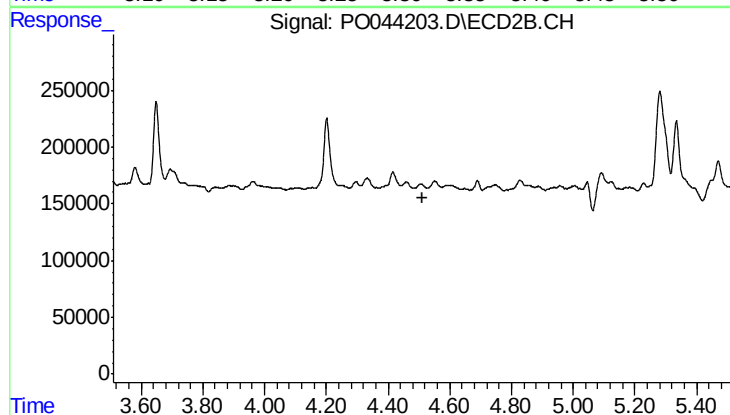
R.T.: 4.416 min  
Delta R.T.: 0.019 min  
Response: 165328  
Conc: 14.34 ng/ml



#14 AR-1232-4

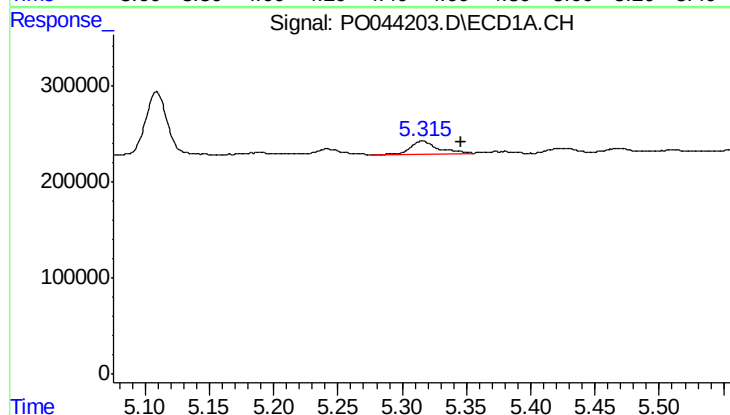
R.T.: 5.316 min  
Delta R.T.: 0.064 min  
Response: 195343  
Conc: 24.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



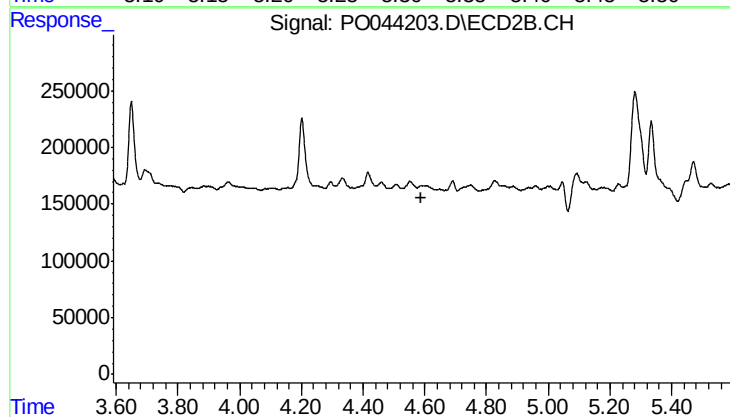
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 4.510 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

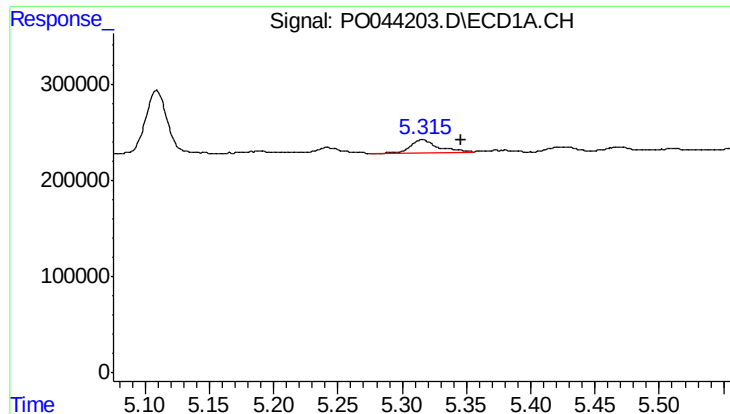
R.T.: 5.316 min  
Delta R.T.: -0.030 min  
Response: 195343  
Conc: 31.35 ng/ml



#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 4.591 min  
Response: 0  
Conc: N.D.

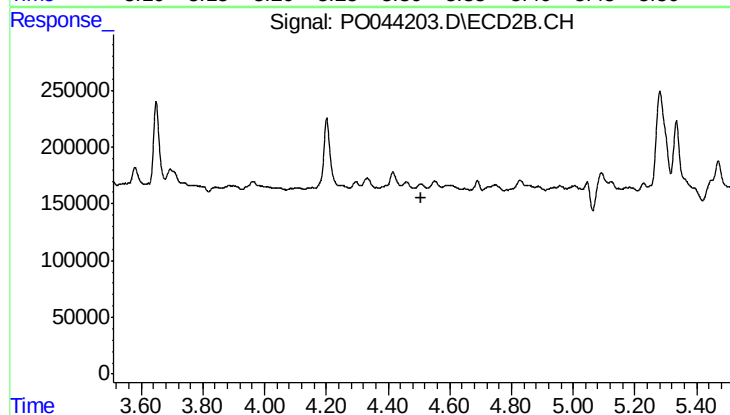




#18 AR-1242-3

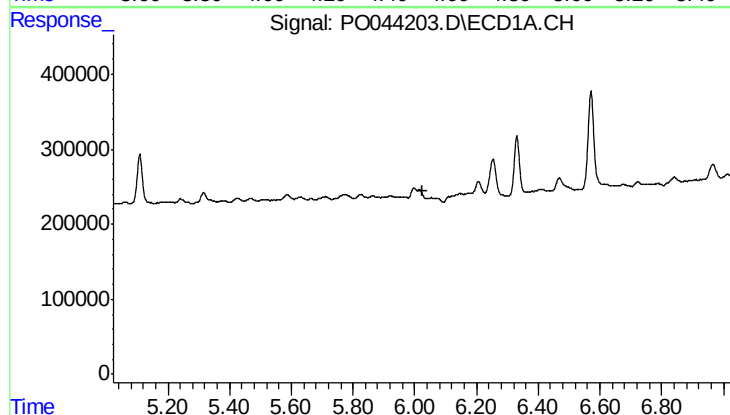
R.T.: 5.316 min  
Delta R.T.: -0.030 min  
Response: 195343  
Conc: 19.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



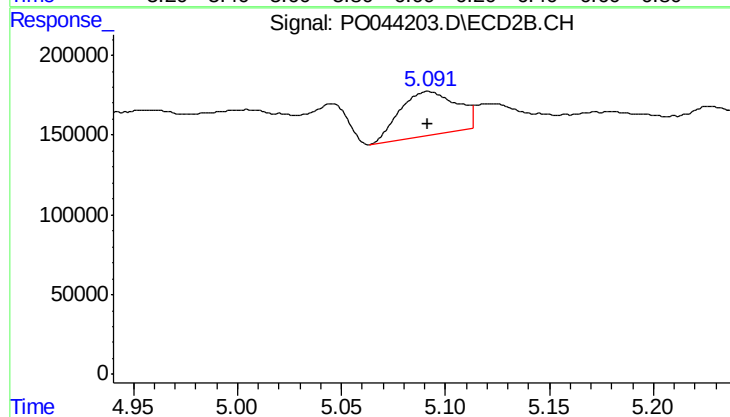
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 4.510 min  
Response: 0  
Conc: N.D.



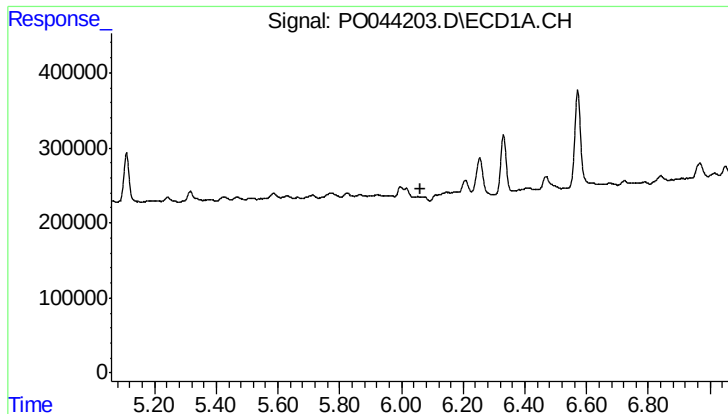
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.023 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

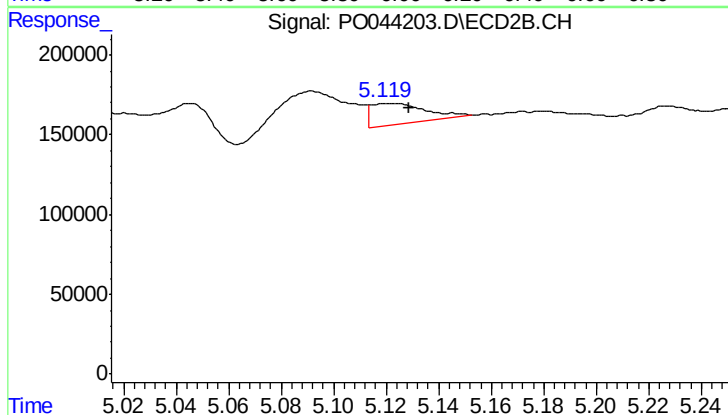
R.T.: 5.092 min  
Delta R.T.: 0.000 min  
Response: 517975  
Conc: 15.05 ng/ml



#24 AR-1248-4

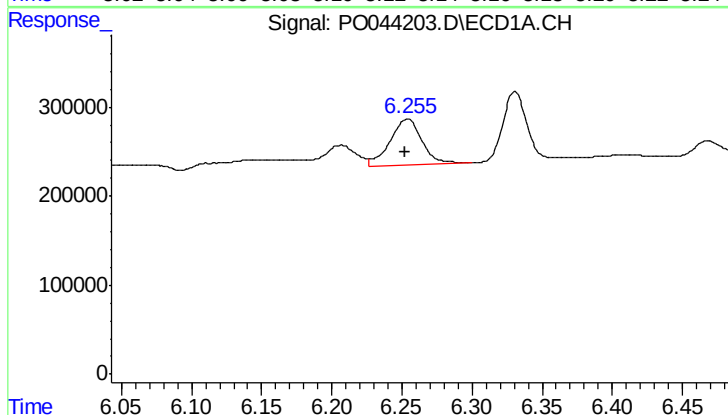
R.T.: 0.000 min  
Exp R.T.: 6.060 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



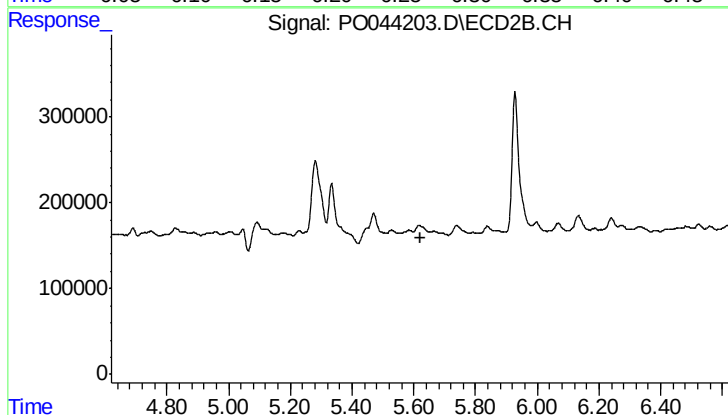
#24 AR-1248-4

R.T.: 5.121 min  
Delta R.T.: -0.008 min  
Response: 185917  
Conc: 6.58 ng/ml



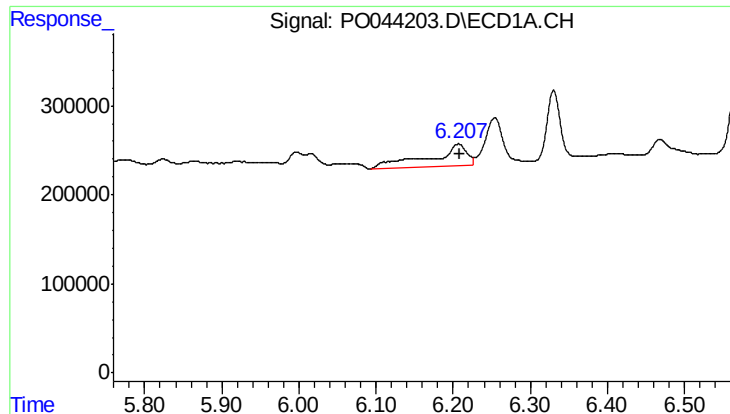
#25 AR-1248-5

R.T.: 6.254 min  
Delta R.T.: 0.002 min  
Response: 820682  
Conc: 66.71 ng/ml



#25 AR-1248-5

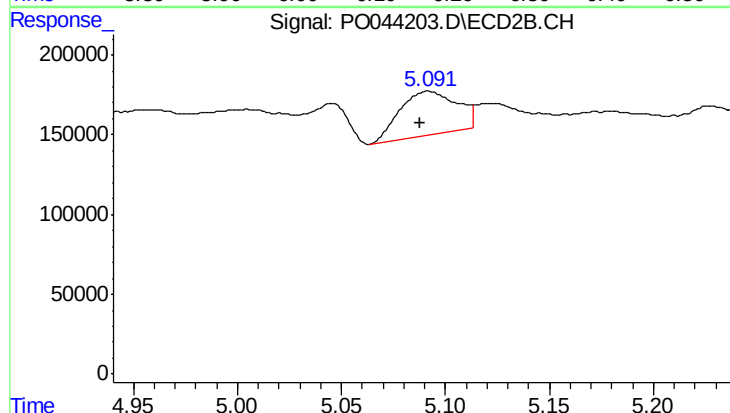
R.T.: 0.000 min  
Exp R.T.: 5.620 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

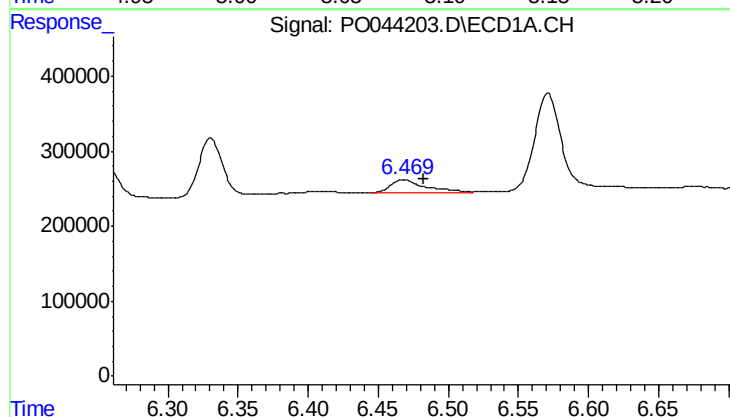
R.T.: 6.207 min  
Delta R.T.: -0.002 min  
Response: 820715  
Conc: 23.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



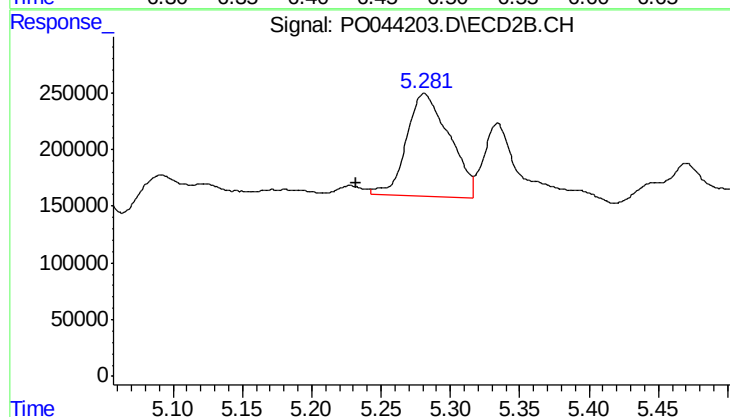
#26 AR-1254-1

R.T.: 5.092 min  
Delta R.T.: 0.004 min  
Response: 517975  
Conc: 11.15 ng/ml



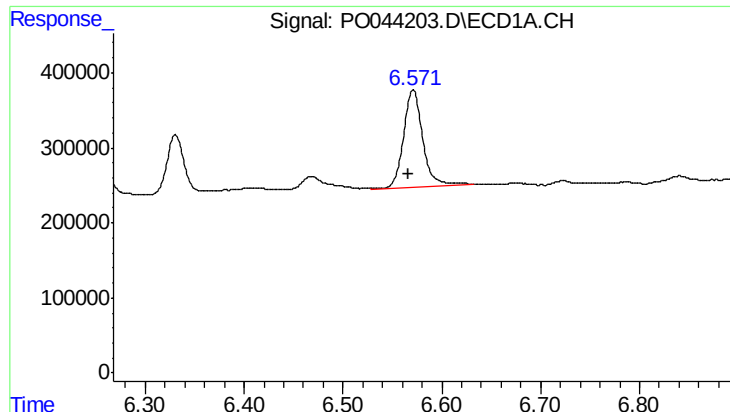
#27 AR-1254-2

R.T.: 6.468 min  
Delta R.T.: -0.014 min  
Response: 277576  
Conc: 12.23 ng/ml



#27 AR-1254-2

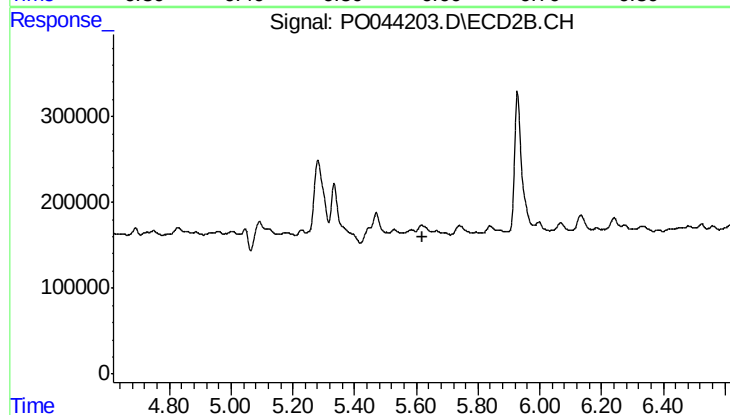
R.T.: 5.281 min  
Delta R.T.: 0.049 min  
Response: 1961616  
Conc: 49.92 ng/ml



#28 AR-1254-3

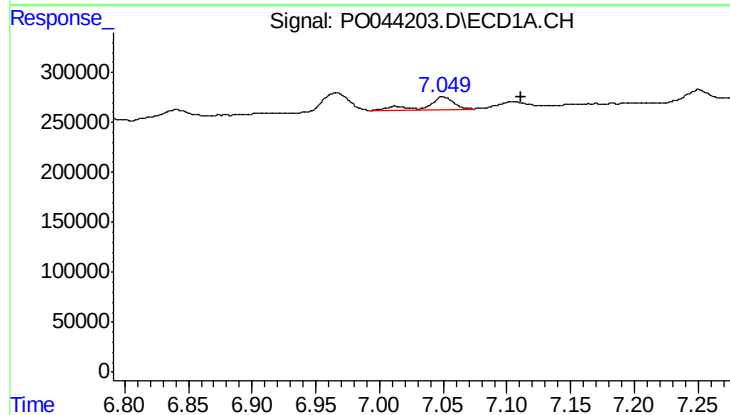
R.T.: 6.571 min  
Delta R.T.: 0.005 min  
Response: 1741671  
Conc: 46.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



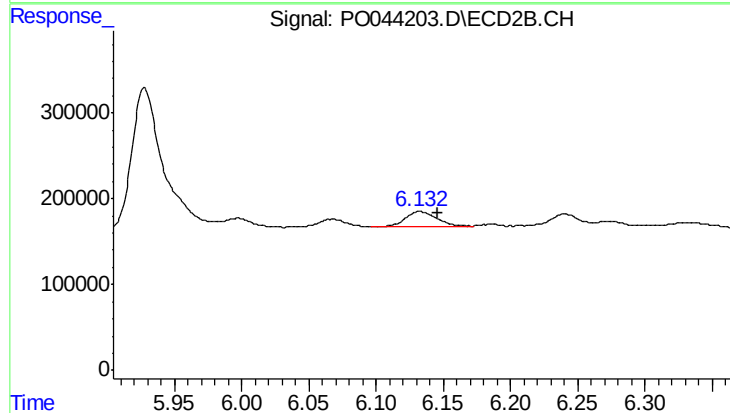
#28 AR-1254-3

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



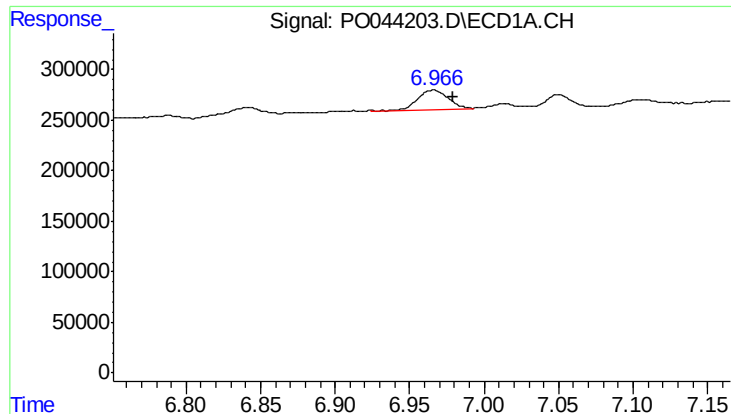
#30 AR-1254-5

R.T.: 7.050 min  
Delta R.T.: -0.061 min  
Response: 204880  
Conc: 9.03 ng/ml



#30 AR-1254-5

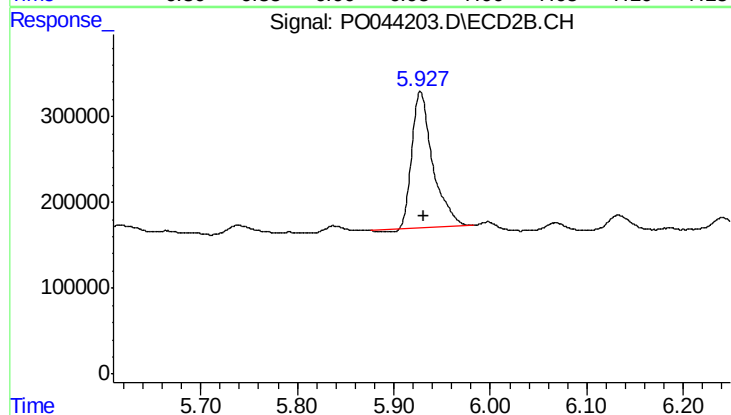
R.T.: 6.132 min  
Delta R.T.: -0.013 min  
Response: 278996  
Conc: 9.34 ng/ml



#32 AR-1260-2

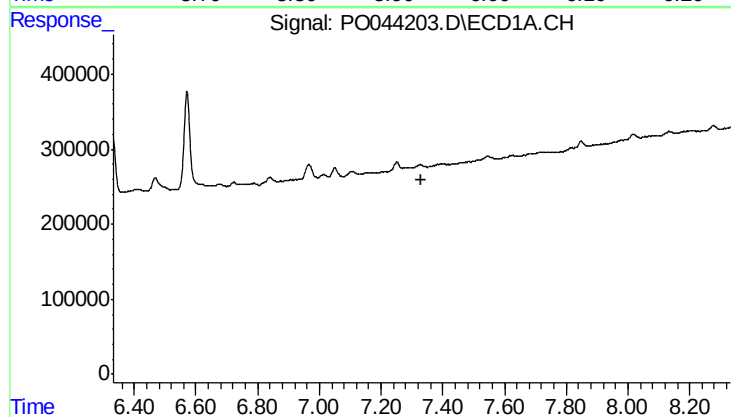
R.T.: 6.966 min  
Delta R.T.: -0.013 min  
Response: 278067  
Conc: 8.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



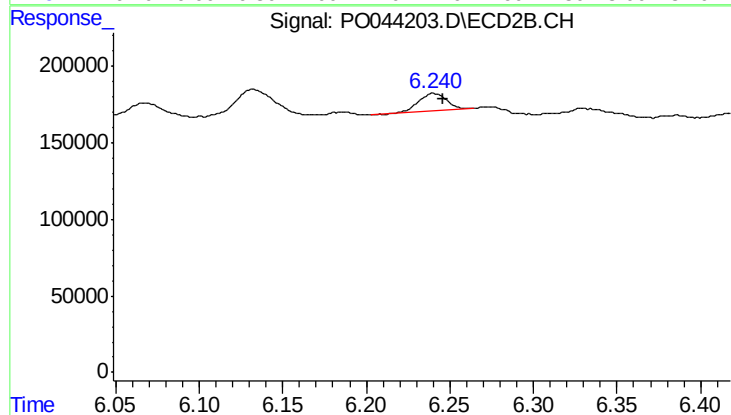
#32 AR-1260-2

R.T.: 5.928 min  
Delta R.T.: -0.003 min  
Response: 2403032  
Conc: 44.68 ng/ml



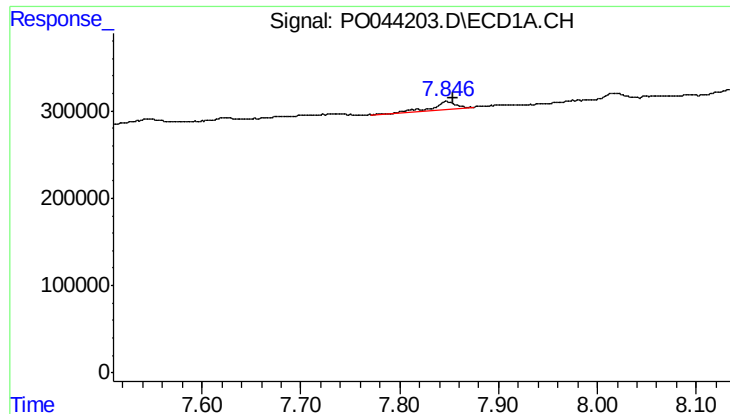
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.332 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

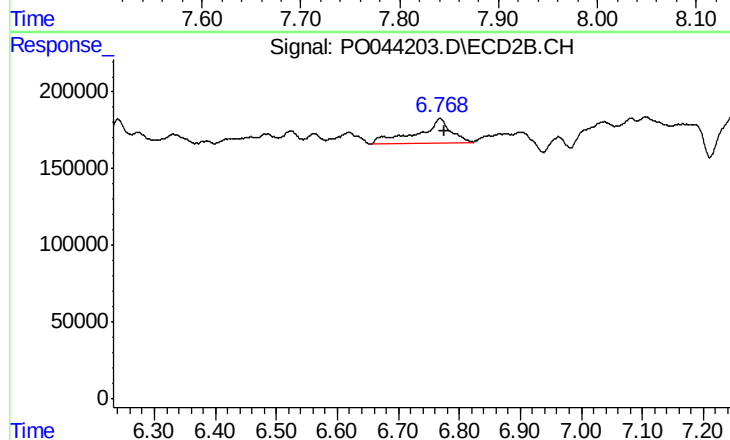
R.T.: 6.240 min  
Delta R.T.: -0.006 min  
Response: 138177  
Conc: 2.53 ng/ml



#34 AR-1260-4

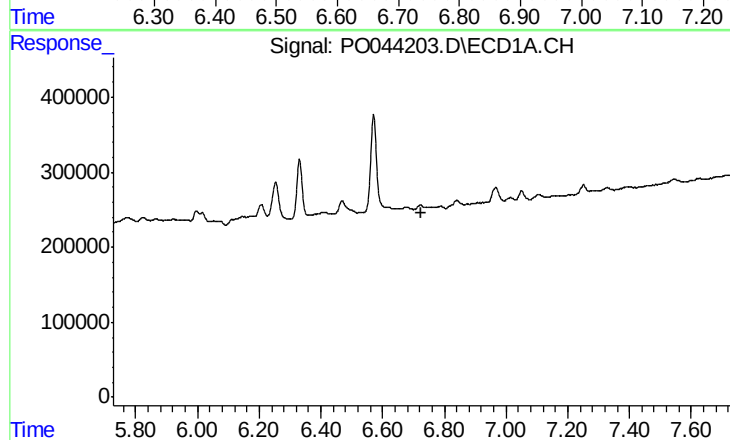
R.T.: 7.847 min  
Delta R.T.: -0.007 min  
Response: 127284  
Conc: 1.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



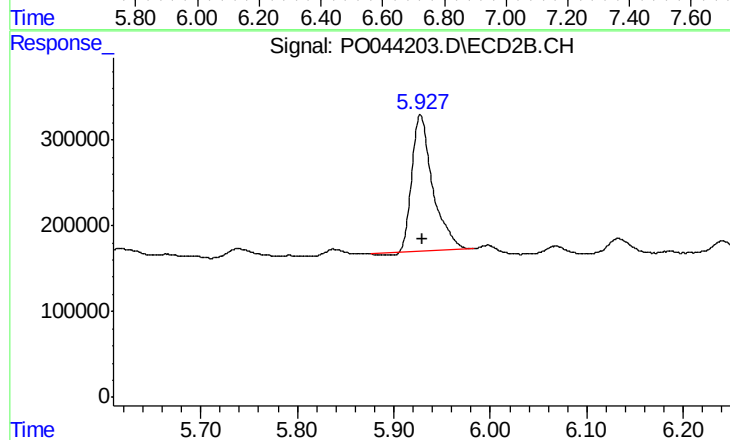
#34 AR-1260-4

R.T.: 6.768 min  
Delta R.T.: -0.007 min  
Response: 616501  
Conc: 5.62 ng/ml



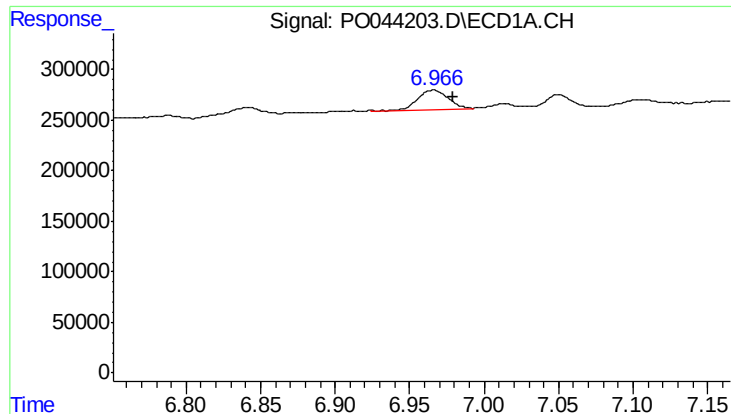
#36 AR-1262-1

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



#36 AR-1262-1

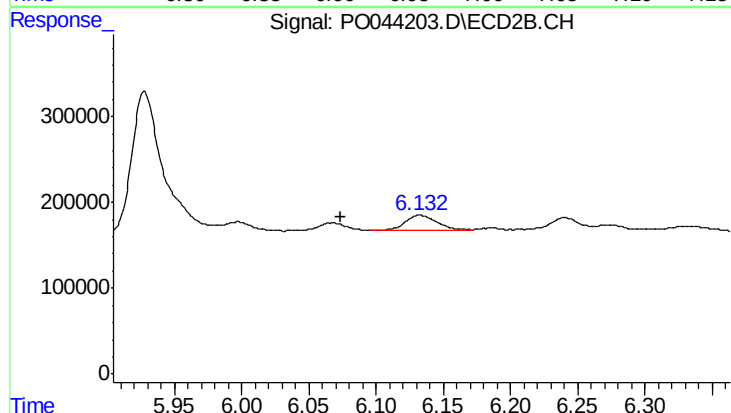
R.T.: 5.928 min  
Delta R.T.: -0.003 min  
Response: 2403032  
Conc: 56.65 ng/ml



#37 AR-1262-2

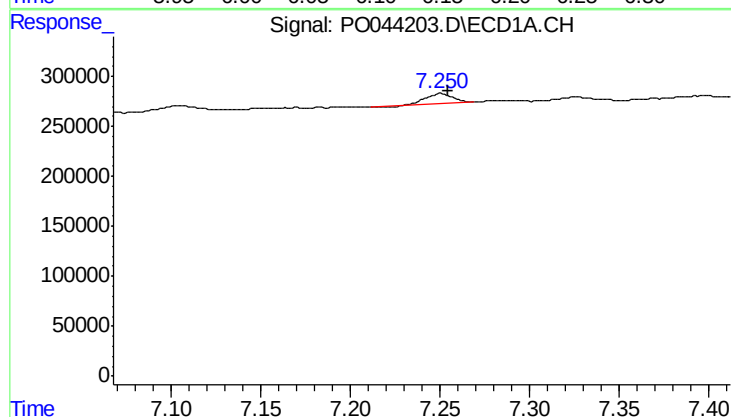
R.T.: 6.966 min  
Delta R.T.: -0.013 min  
Response: 278067  
Conc: 10.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



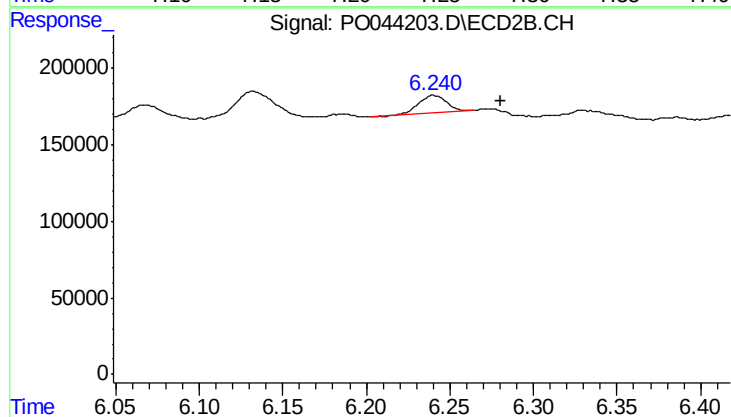
#37 AR-1262-2

R.T.: 6.132 min  
Delta R.T.: 0.059 min  
Response: 278996  
Conc: 7.08 ng/ml



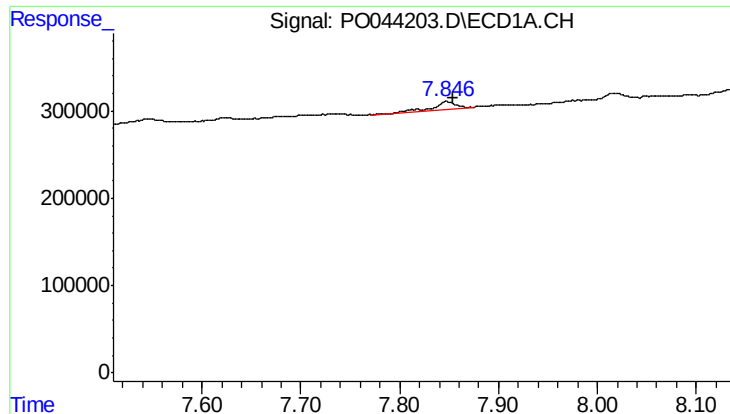
#38 AR-1262-3

R.T.: 7.251 min  
Delta R.T.: -0.004 min  
Response: 99397  
Conc: 3.86 ng/ml



#38 AR-1262-3

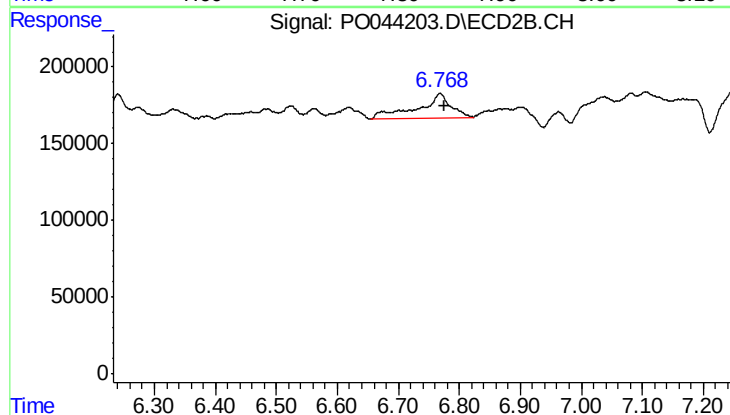
R.T.: 6.240 min  
Delta R.T.: -0.040 min  
Response: 138177  
Conc: 2.02 ng/ml



#40 AR-1262-5

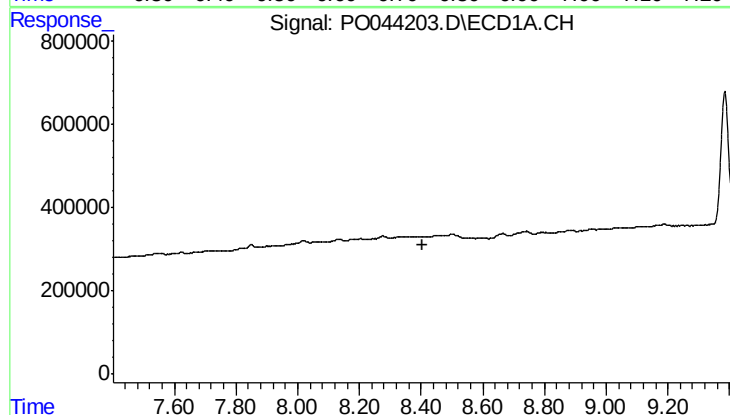
R.T.: 7.847 min  
Delta R.T.: -0.007 min  
Response: 127284  
Conc: 1.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



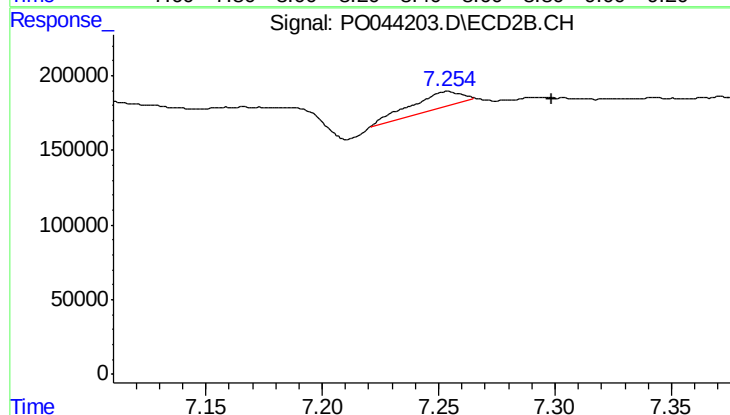
#40 AR-1262-5

R.T.: 6.768 min  
Delta R.T.: -0.006 min  
Response: 616501  
Conc: 4.77 ng/ml



#43 AR-1268-3

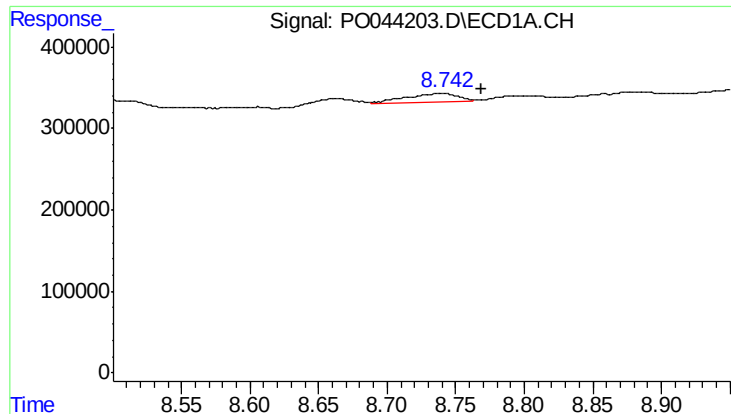
R.T.: 0.000 min  
Exp R.T.: 8.403 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

R.T.: 7.254 min  
Delta R.T.: -0.045 min  
Response: 180577  
Conc: 1.75 ng/ml

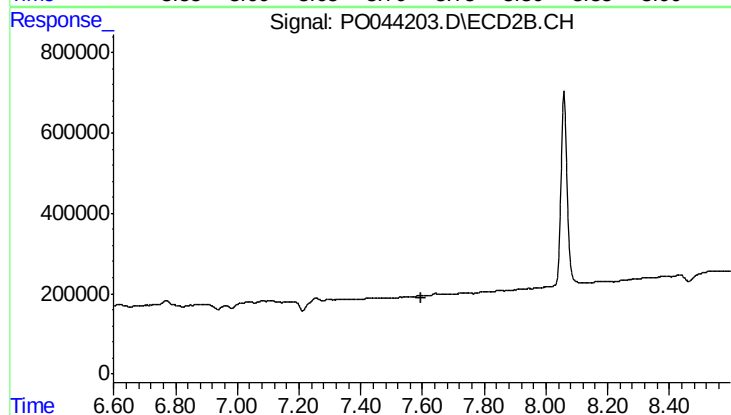




#44 AR-1268-4

R.T.: 8.743 min  
Delta R.T.: -0.026 min  
Response: 269809  
Conc: 9.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01.022RE



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 7.598 min  
Response: 0  
Conc: N.D.