

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0072418\  
 Data File : P0047087.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 24 Jul 2018 12:22  
 Operator : SM/SJ  
 Sample : J4090-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 FK-PS-01-034

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 24 12:47:16 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0072318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jul 24 03:04:21 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...          | 4.395  | 3.645 | 2689019 | 3025597 | 16.038  | 15.775    |
| 2) SA Decachlor...          | 10.083 | 8.650 | 1203944 | 1075818 | 10.998  | 11.714    |
|                             |        |       |         |         |         |           |
| Target Compounds            |        |       |         |         |         |           |
| 3) L1 AR-1016-1             | 5.247  | 0.000 | 76218   | 0       | 23.432  | N.D. #    |
| 4) L1 AR-1016-2             | 5.637  | 0.000 | 77105   | 0       | 19.711  | N.D. #    |
| 8) L2 AR-1221-1             | 4.610  | 0.000 | 145420  | 0       | 89.622  | N.D. #    |
| 9) L2 AR-1221-2             | 4.699  | 0.000 | 34303   | 0       | 28.871  | N.D. #    |
| 13) L3 AR-1232-3            | 5.637  | 0.000 | 77105   | 0       | 26.514  | N.D. #    |
| 14) L3 AR-1232-4            | 5.637  | 0.000 | 77105   | 0       | 43.214  | N.D. #    |
| 16) L4 AR-1242-1            | 5.637  | 0.000 | 77105   | 0       | 13.302  | N.D. #    |
| 17) L4 AR-1242-2            | 5.637  | 0.000 | 77105   | 0       | 21.735  | N.D. #    |
| 23) L5 AR-1248-3            | 6.414  | 5.560 | 442931  | 354289  | 87.246  | 55.266 #  |
| 24) L5 AR-1248-4            | 6.414  | 5.560 | 442931  | 354289  | 92.729  | 79.160    |
| 25) L5 AR-1248-5            | 6.694  | 0.000 | 435388  | 0       | 135.952 | N.D. #    |
| 26) L6 AR-1254-1            | 6.640  | 5.560 | 275694  | 354289  | 33.530  | 49.596 #  |
| 27) L6 AR-1254-2            | 6.897  | 5.756 | 307612  | 678521  | 62.645  | 112.021 # |
| 28) L6 AR-1254-3            | 7.008  | 0.000 | 376267  | 0       | 43.780  | N.D. #    |
| 29) L6 AR-1254-4            | 7.232  | 6.387 | 187461  | 61610   | 29.352  | 10.682 #  |
| 30) L6 AR-1254-5            | 0.000  | 6.641 | 0       | 80555   | N.D.    | 20.290 #  |
| 31) L7 AR-1260-1            | 7.186  | 0.000 | 361999  | 0       | 60.278  | N.D. #    |
| 32) L7 AR-1260-2            | 7.413  | 6.387 | 674937  | 61610   | 92.355  | 8.772 #   |
| 33) L7 AR-1260-3            | 7.646  | 6.728 | 2107596 | 35917   | 245.788 | 4.784 #   |
| 34) L7 AR-1260-4            | 8.332  | 7.244 | 956958  | -26437  | 79.050  | N.D. #    |
| 35) L7 AR-1260-5            | 0.000  | 7.611 | 0       | 117282  | N.D.    | 14.143 #  |
| 36) L8 AR-1262-1            | 7.186  | 6.387 | 361999  | 61610   | 67.260  | 9.983 #   |
| 37) L8 AR-1262-2            | 7.413  | 6.546 | 674937  | 194120  | 104.853 | 31.714 #  |
| 38) L8 AR-1262-3            | 7.828  | 6.728 | 1245607 | 35917   | 150.944 | 4.413 #   |
| 39) L8 AR-1262-4            | 7.969  | 0.000 | 3008153 | 0       | 376.551 | N.D. #    |
| 40) L8 AR-1262-5            | 8.332  | 7.244 | 956958  | -26437  | 64.233  | N.D. #    |
| 41) L9 AR-1268-1            | 0.000  | 7.611 | 0       | 117282  | N.D.    | 8.607 #   |
| 42) L9 AR-1268-2            | 8.734  | 7.611 | 22214   | 117282  | 1.585   | 9.345 #   |
| 43) L9 AR-1268-3            | 8.967  | 0.000 | 58816   | 0       | 5.043   | N.D. #    |
| 44) L9 AR-1268-4            | 9.380  | 0.000 | 77091   | 0       | 15.256  | N.D. #    |
| 45) L9 AR-1268-5            | 0.000  | 8.428 | 0       | 60473   | N.D.    | 2.014 #   |
| -----                       |        |       |         |         |         |           |

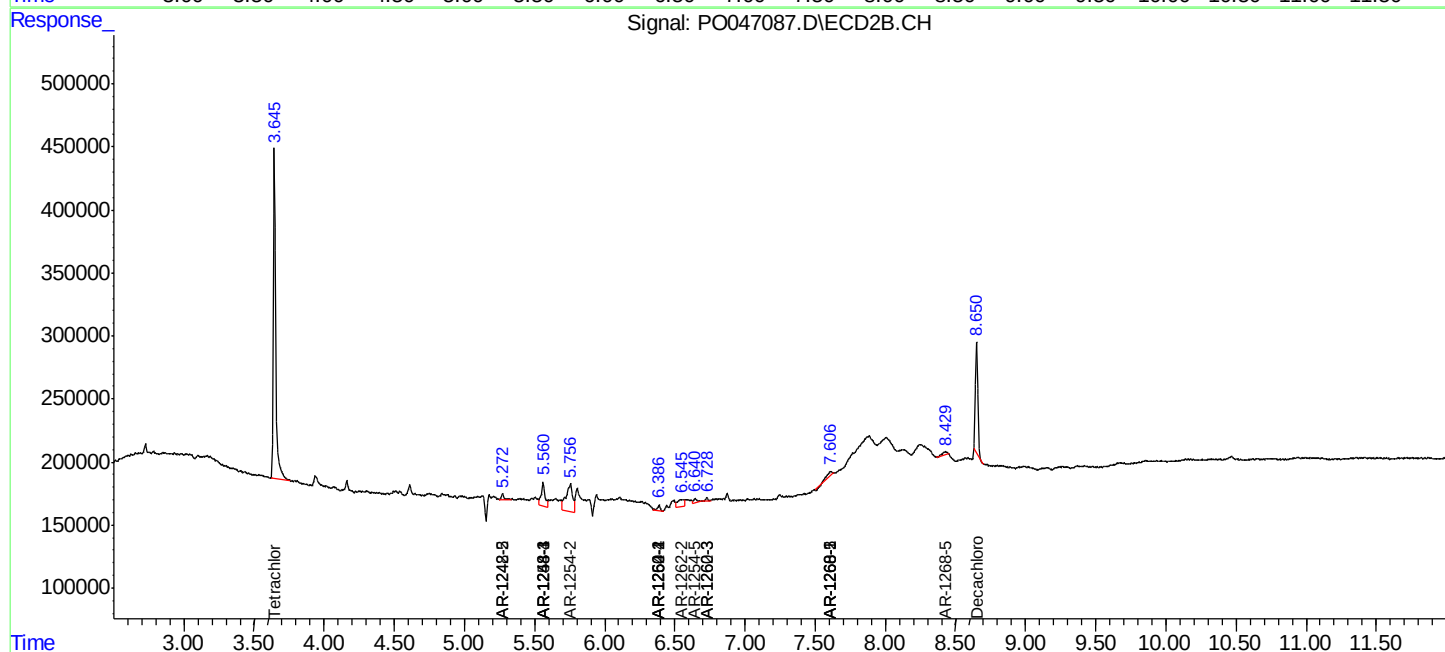
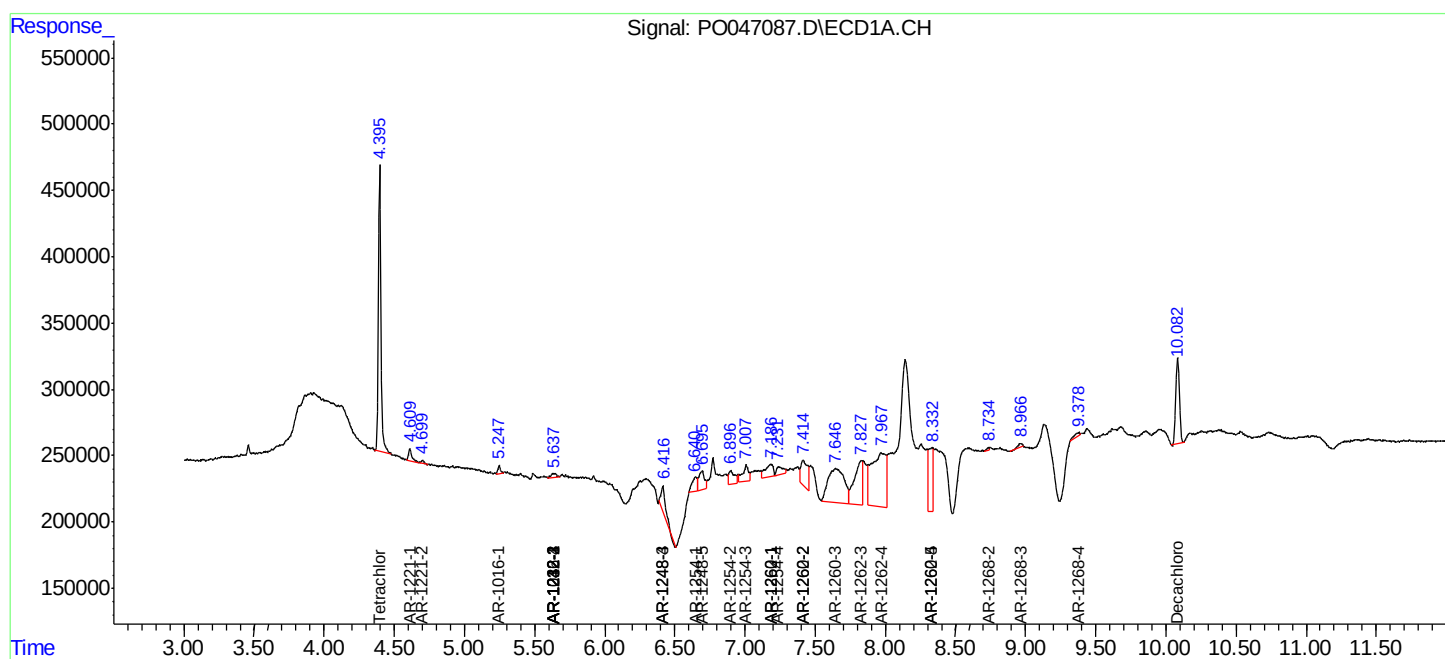
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

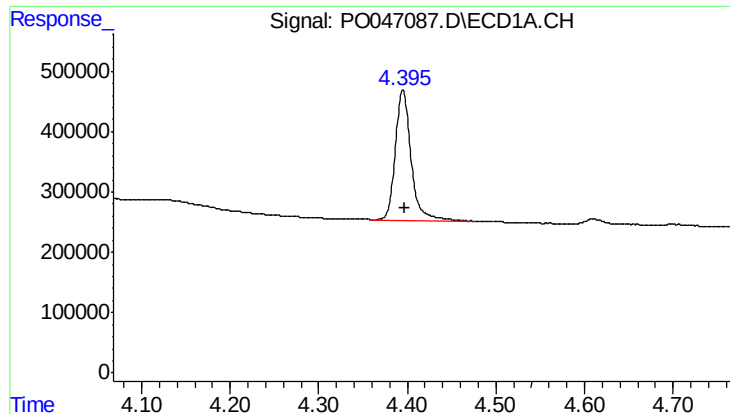
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0072418\  
Data File : P0047087.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 24 Jul 2018 12:22  
Operator : SM/SJ  
Sample : J4090-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 12:47:16 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0072318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jul 24 03:04:21 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

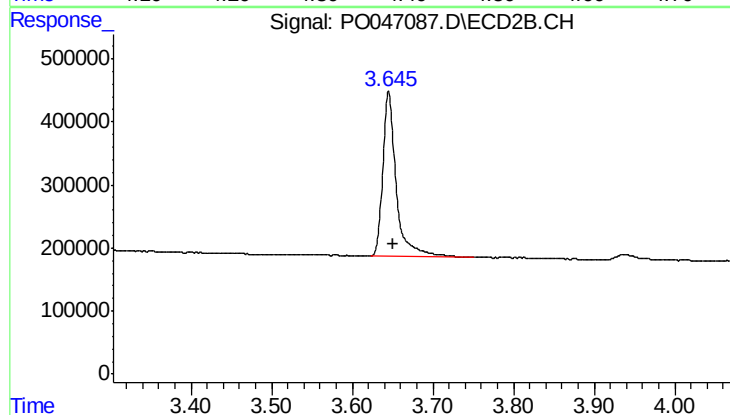




#1 Tetrachloro-m-xylene

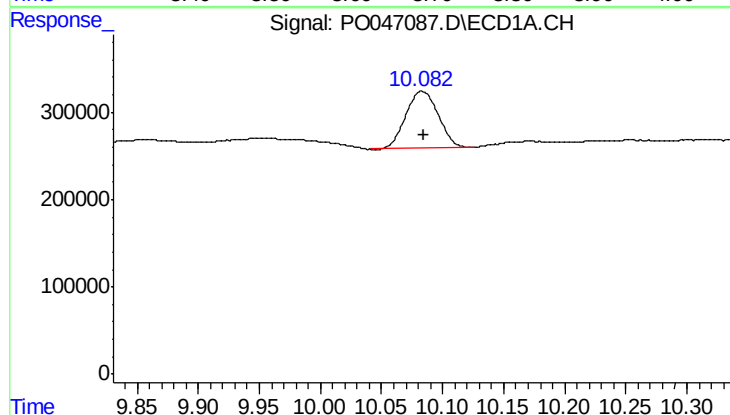
R.T.: 4.395 min  
Delta R.T.: -0.002 min  
Response: 2689019  
Conc: 16.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



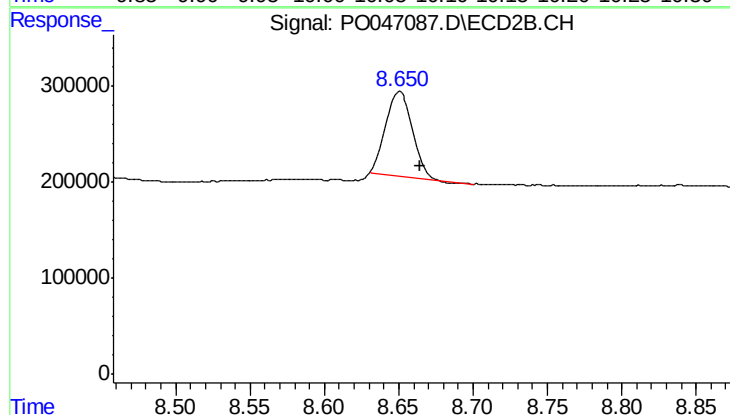
#1 Tetrachloro-m-xylene

R.T.: 3.645 min  
Delta R.T.: -0.006 min  
Response: 3025597  
Conc: 15.77 ng/ml



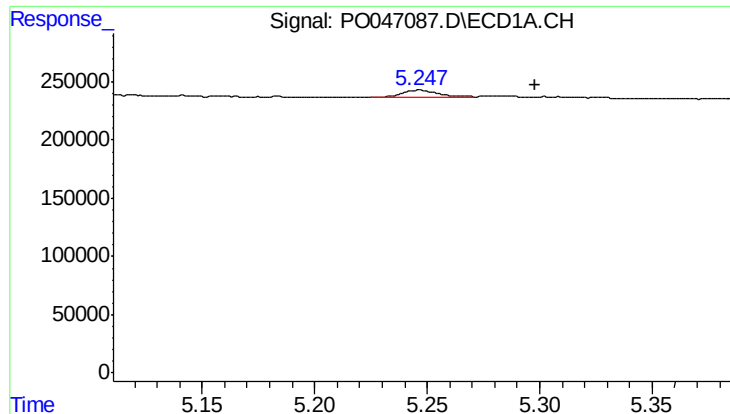
#2 Decachlorobiphenyl

R.T.: 10.083 min  
Delta R.T.: -0.001 min  
Response: 1203944  
Conc: 11.00 ng/ml



#2 Decachlorobiphenyl

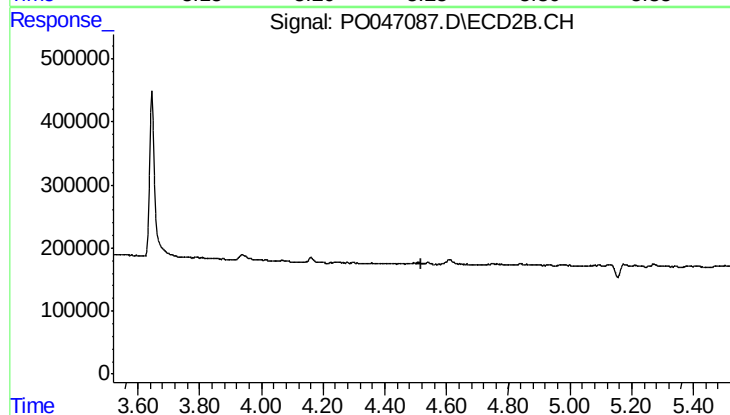
R.T.: 8.650 min  
Delta R.T.: -0.014 min  
Response: 1075818  
Conc: 11.71 ng/ml



#3 AR-1016-1

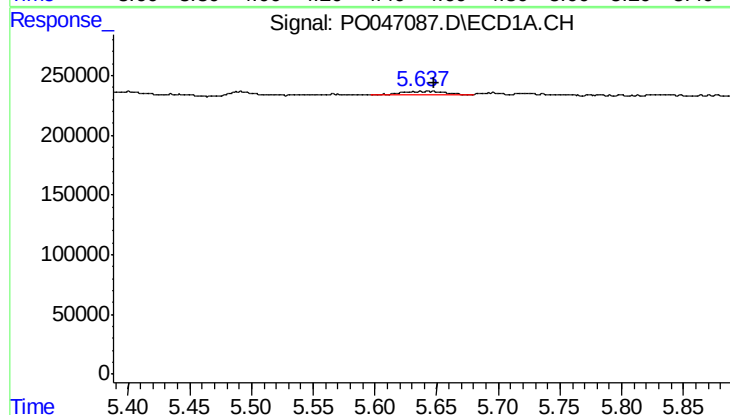
R.T.: 5.247 min  
Delta R.T.: -0.051 min  
Response: 76218  
Conc: 23.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



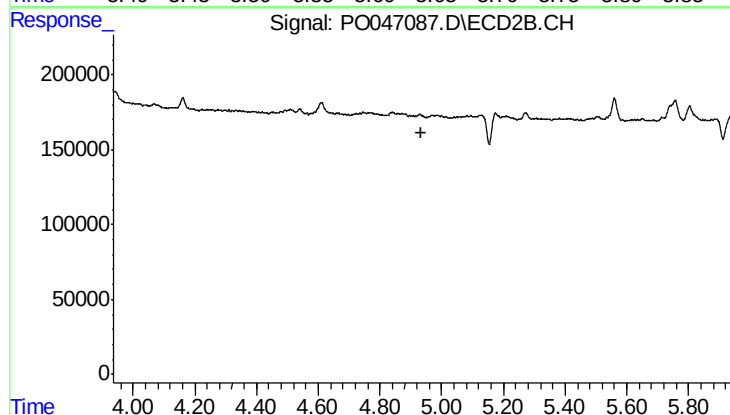
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T.: 4.520 min  
Response: 0  
Conc: N.D.



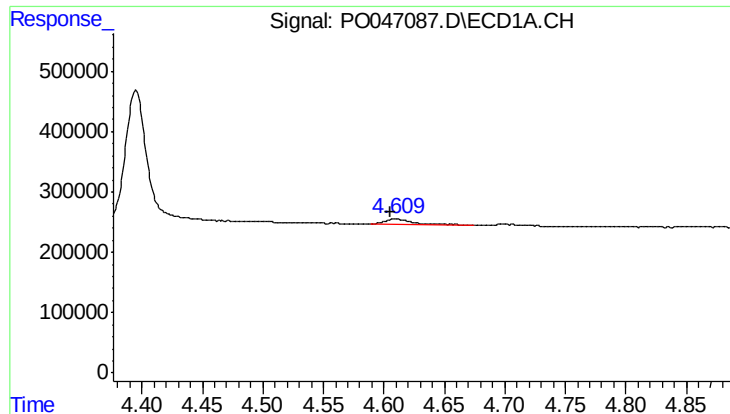
#4 AR-1016-2

R.T.: 5.637 min  
Delta R.T.: -0.011 min  
Response: 77105  
Conc: 19.71 ng/ml



#4 AR-1016-2

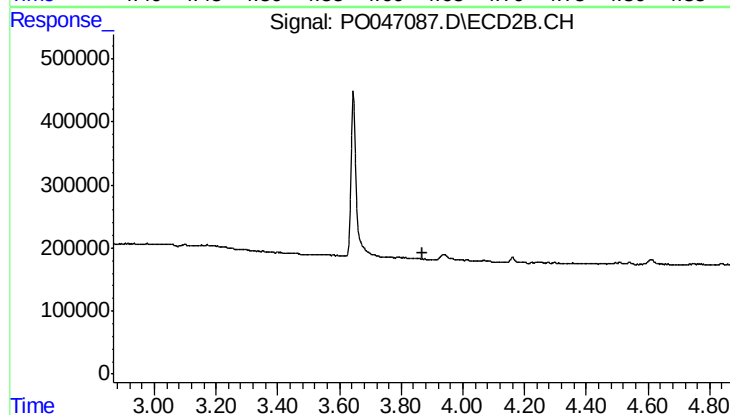
R.T.: 0.000 min  
Exp R.T.: 4.936 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

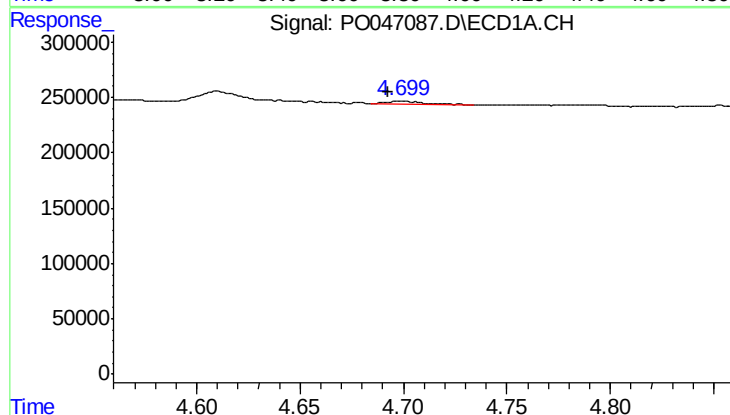
R.T.: 4.610 min  
Delta R.T.: 0.004 min  
Response: 145420  
Conc: 89.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



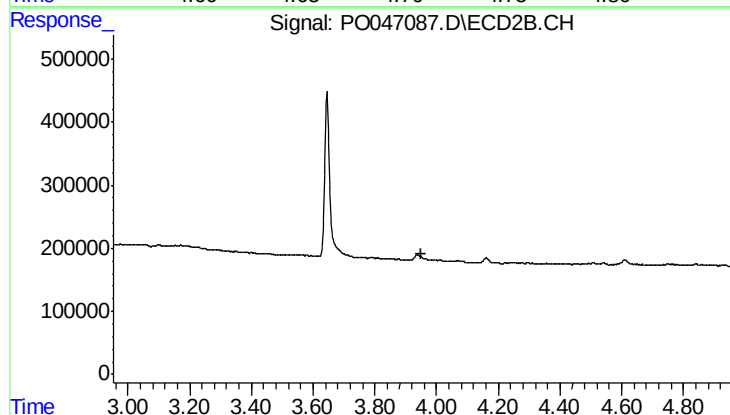
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 3.867 min  
Response: 0  
Conc: N.D.



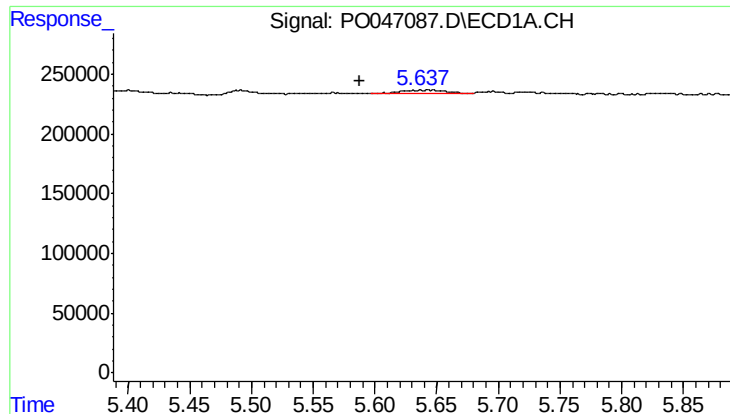
#9 AR-1221-2

R.T.: 4.699 min  
Delta R.T.: 0.006 min  
Response: 34303  
Conc: 28.87 ng/ml



#9 AR-1221-2

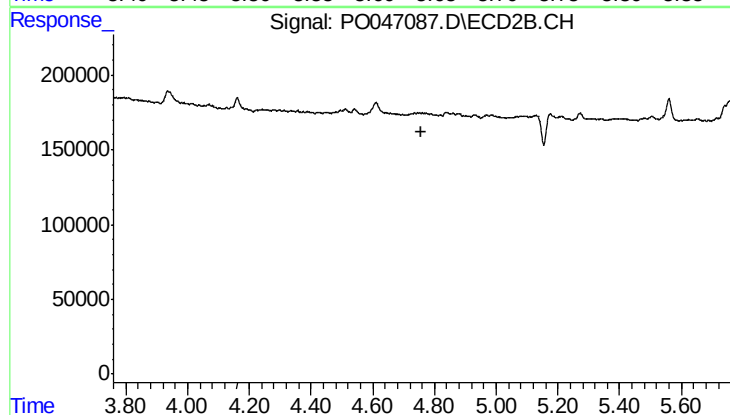
R.T.: 0.000 min  
Exp R.T.: 3.952 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

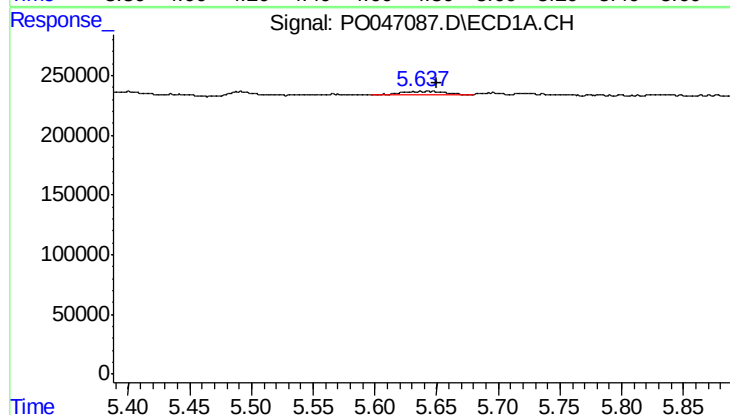
R.T.: 5.637 min  
Delta R.T.: 0.049 min  
Response: 77105  
Conc: 26.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



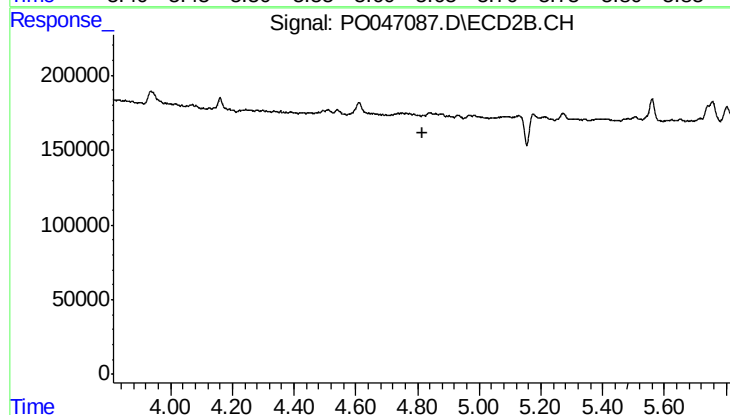
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 4.759 min  
Response: 0  
Conc: N.D.



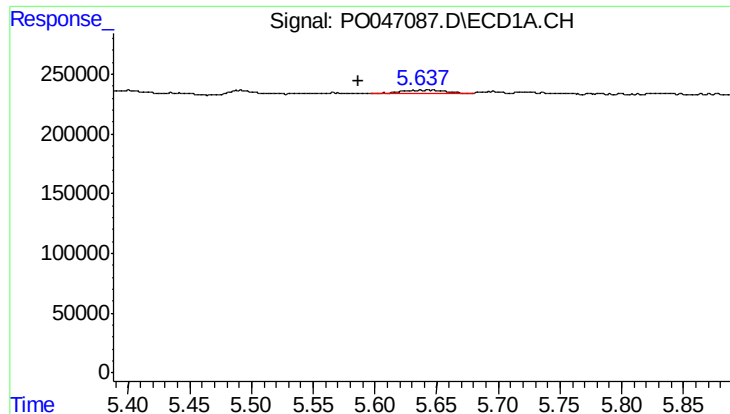
#14 AR-1232-4

R.T.: 5.637 min  
Delta R.T.: -0.013 min  
Response: 77105  
Conc: 43.21 ng/ml



#14 AR-1232-4

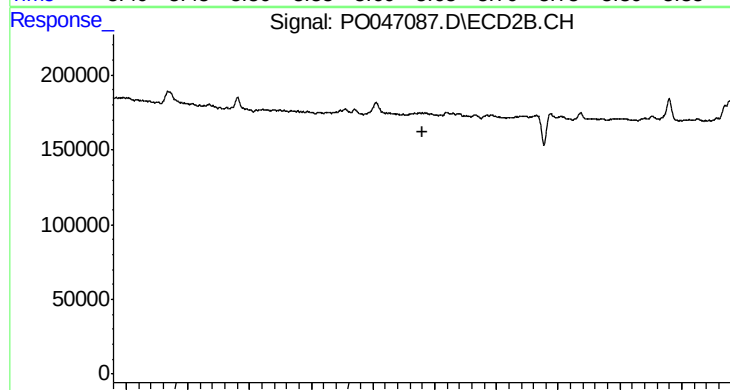
R.T.: 0.000 min  
Exp R.T.: 4.814 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

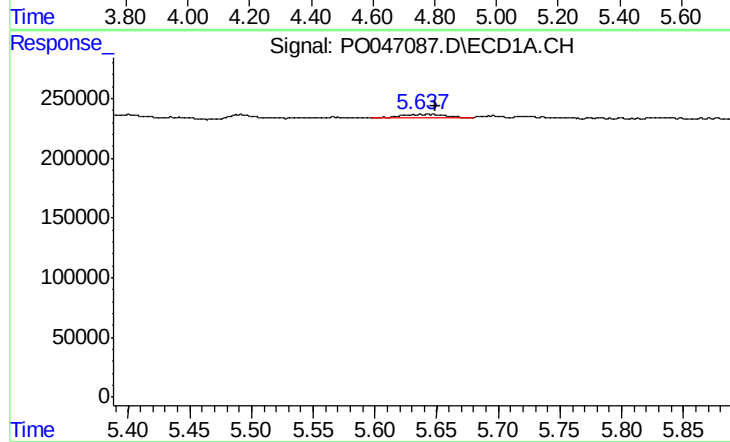
R.T.: 5.637 min  
Delta R.T.: 0.050 min  
Response: 77105  
Conc: 13.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



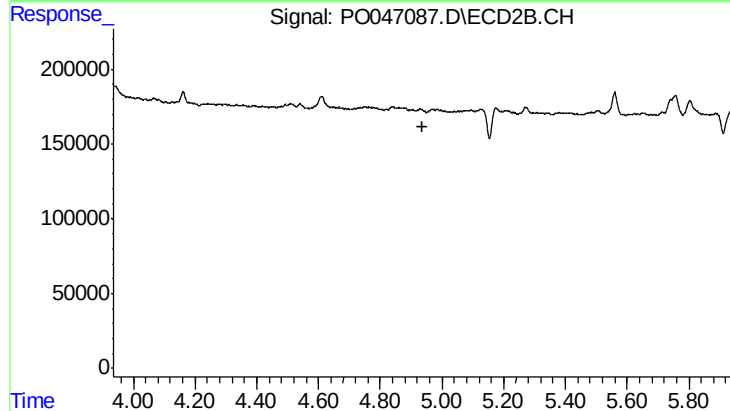
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 4.759 min  
Response: 0  
Conc: N.D.



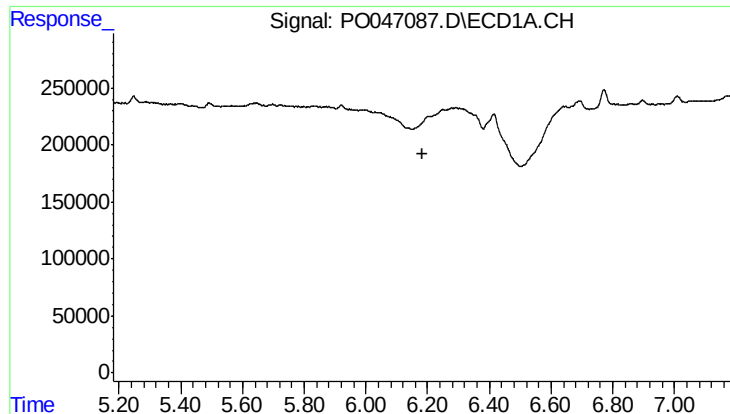
#17 AR-1242-2

R.T.: 5.637 min  
Delta R.T.: -0.012 min  
Response: 77105  
Conc: 21.74 ng/ml



#17 AR-1242-2

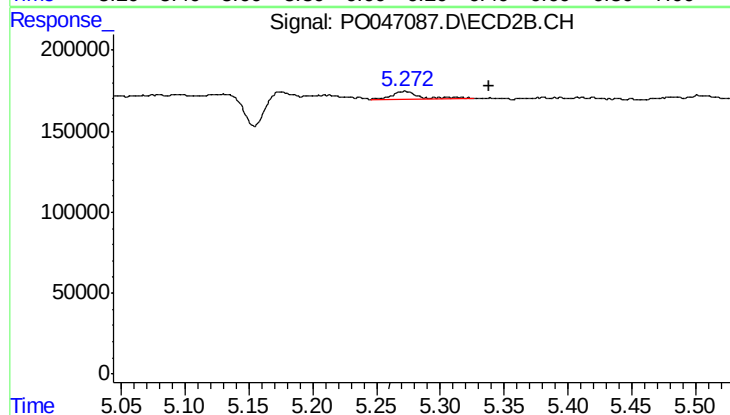
R.T.: 0.000 min  
Exp R.T.: 4.935 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

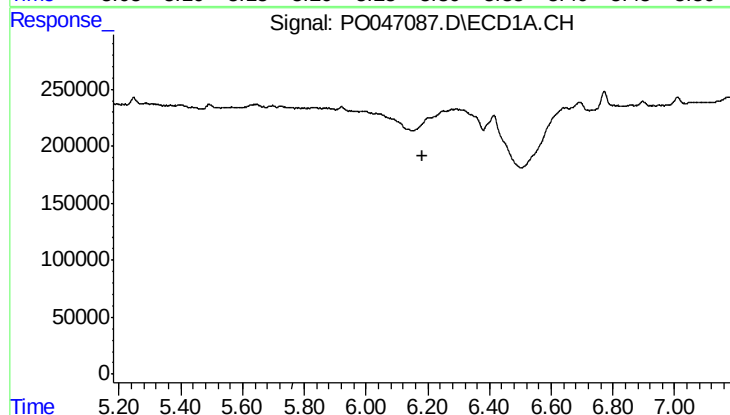
R.T.: 6.201 min  
Delta R.T.: 0.020 min  
Response: -100010  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



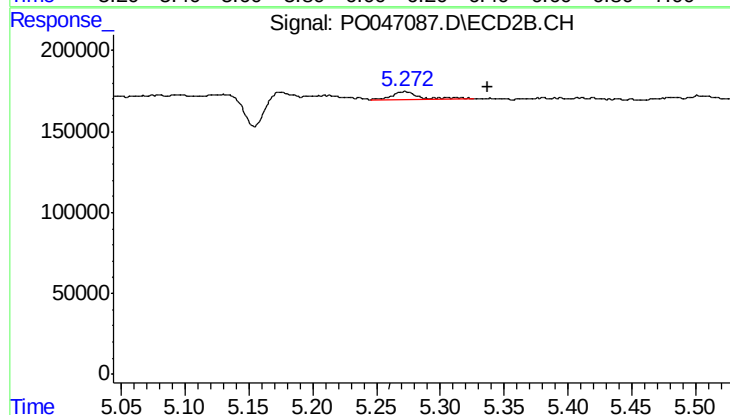
#20 AR-1242-5

R.T.: 5.272 min  
Delta R.T.: -0.067 min  
Response: 69334  
Conc: 21.46 ng/ml



#22 AR-1248-2

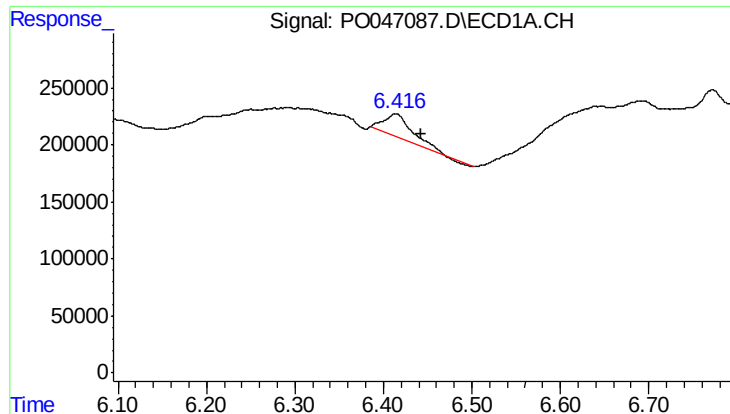
R.T.: 6.201 min  
Delta R.T.: 0.020 min  
Response: -100010  
Conc: N.D.



#22 AR-1248-2

R.T.: 5.272 min  
Delta R.T.: -0.066 min  
Response: 69334  
Conc: 16.54 ng/ml

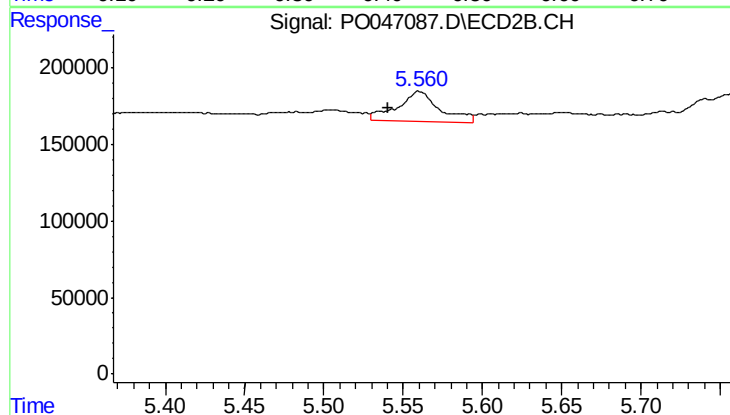




#23 AR-1248-3

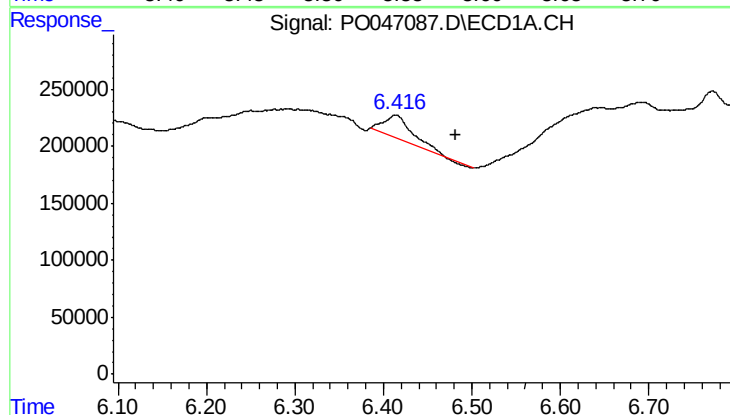
R.T.: 6.414 min  
Delta R.T.: -0.029 min  
Response: 442931  
Conc: 87.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



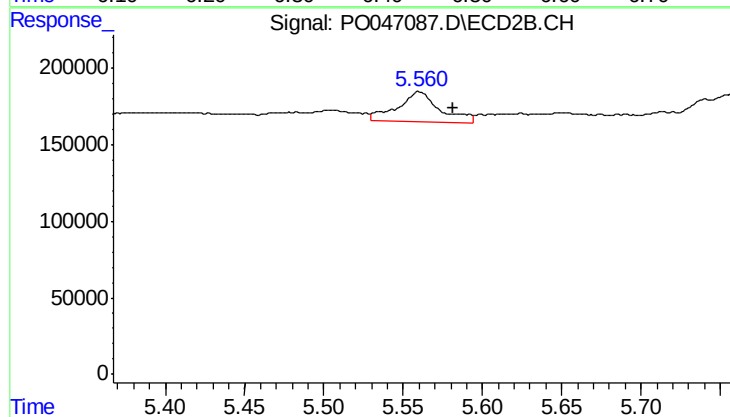
#23 AR-1248-3

R.T.: 5.560 min  
Delta R.T.: 0.020 min  
Response: 354289  
Conc: 55.27 ng/ml



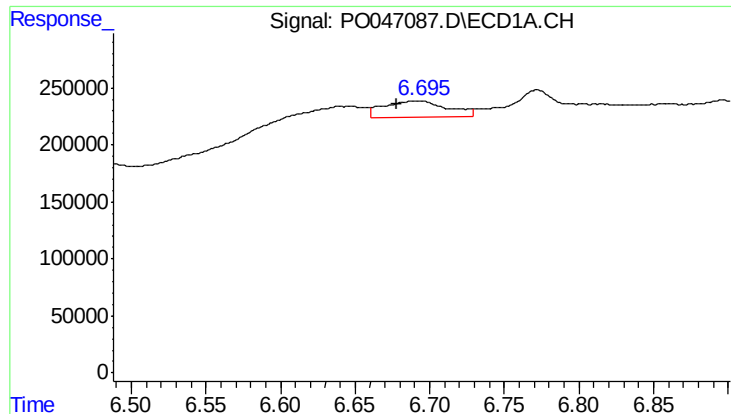
#24 AR-1248-4

R.T.: 6.414 min  
Delta R.T.: -0.067 min  
Response: 442931  
Conc: 92.73 ng/ml



#24 AR-1248-4

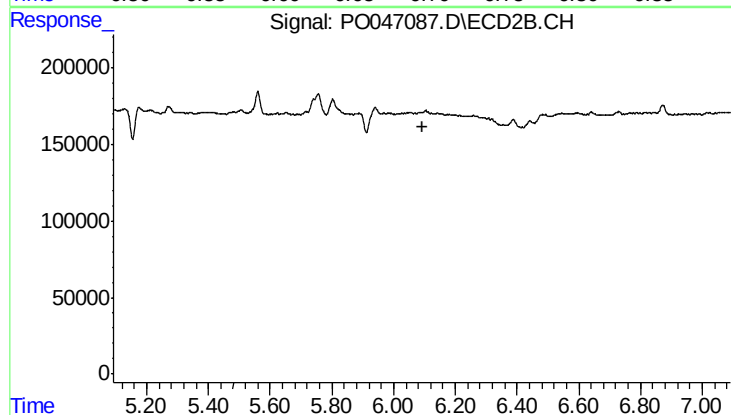
R.T.: 5.560 min  
Delta R.T.: -0.022 min  
Response: 354289  
Conc: 79.16 ng/ml



#25 AR-1248-5

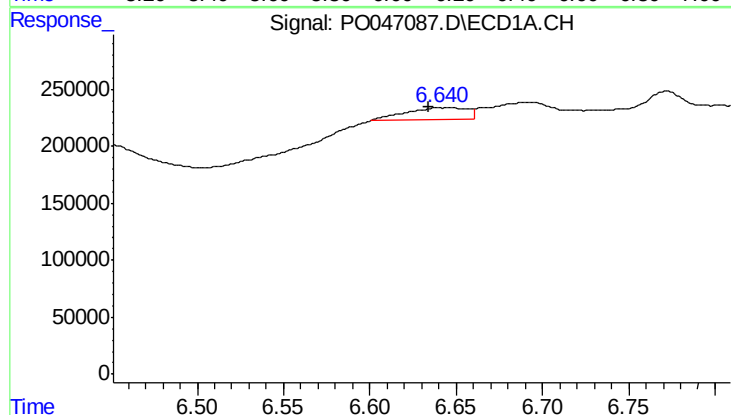
R.T.: 6.694 min  
Delta R.T.: 0.015 min  
Response: 435388  
Conc: 135.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



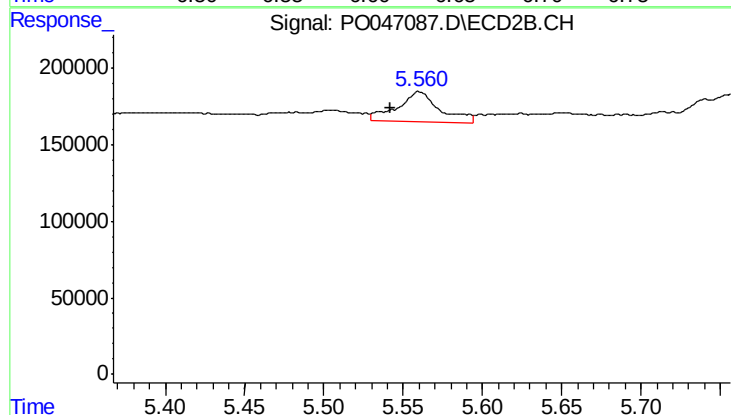
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.092 min  
Response: 0  
Conc: N.D.



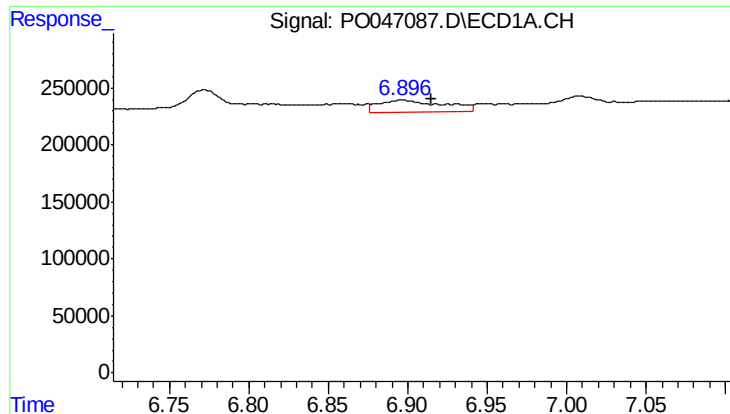
#26 AR-1254-1

R.T.: 6.640 min  
Delta R.T.: 0.006 min  
Response: 275694  
Conc: 33.53 ng/ml



#26 AR-1254-1

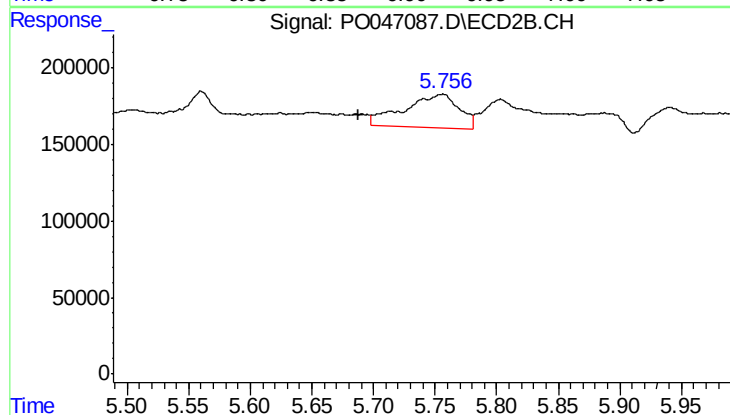
R.T.: 5.560 min  
Delta R.T.: 0.018 min  
Response: 354289  
Conc: 49.60 ng/ml



#27 AR-1254-2

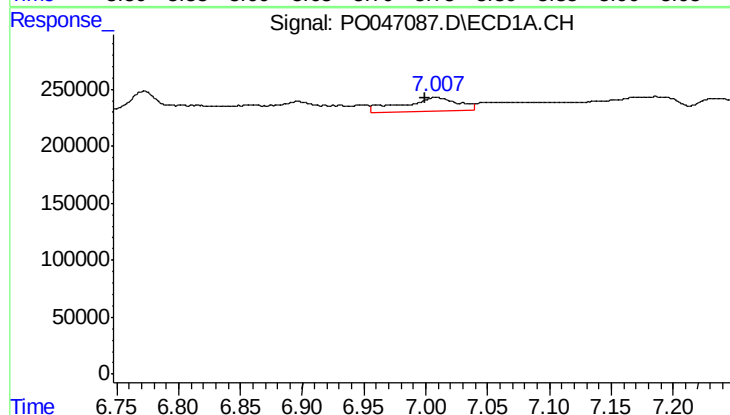
R.T.: 6.897 min  
Delta R.T.: -0.018 min  
Response: 307612  
Conc: 62.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



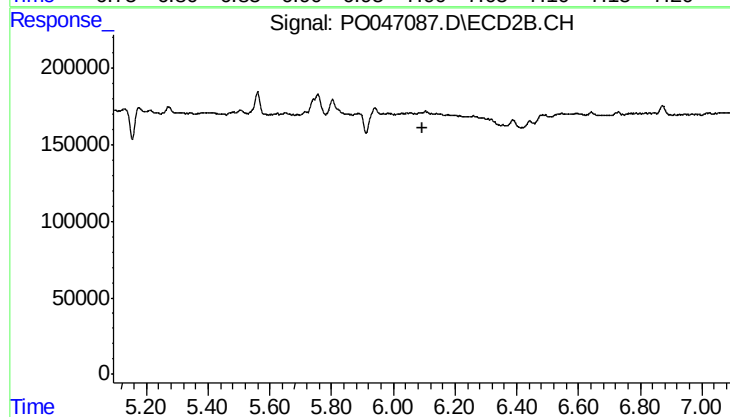
#27 AR-1254-2

R.T.: 5.756 min  
Delta R.T.: 0.067 min  
Response: 678521  
Conc: 112.02 ng/ml



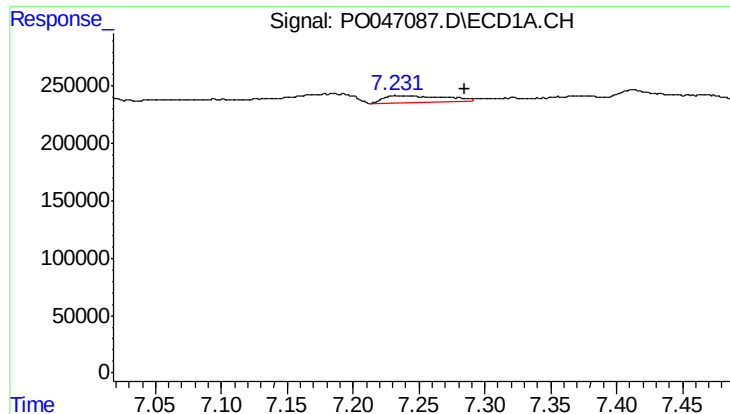
#28 AR-1254-3

R.T.: 7.008 min  
Delta R.T.: 0.008 min  
Response: 376267  
Conc: 43.78 ng/ml



#28 AR-1254-3

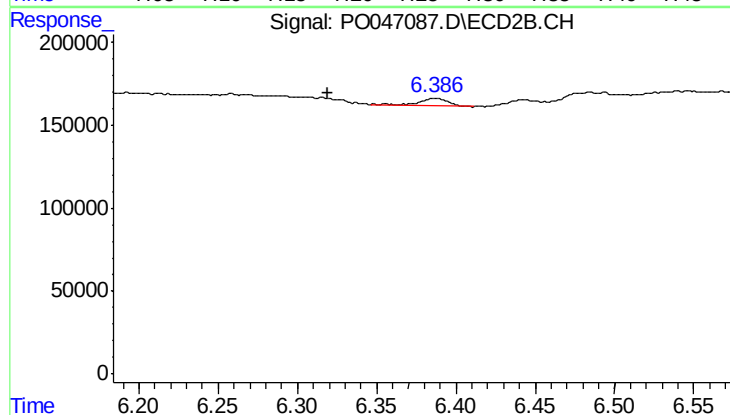
R.T.: 0.000 min  
Exp R.T.: 6.093 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

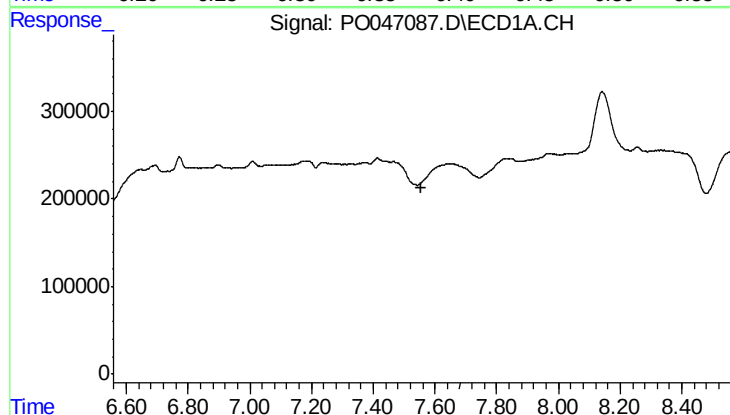
R.T.: 7.232 min  
Delta R.T.: -0.052 min  
Response: 187461  
Conc: 29.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



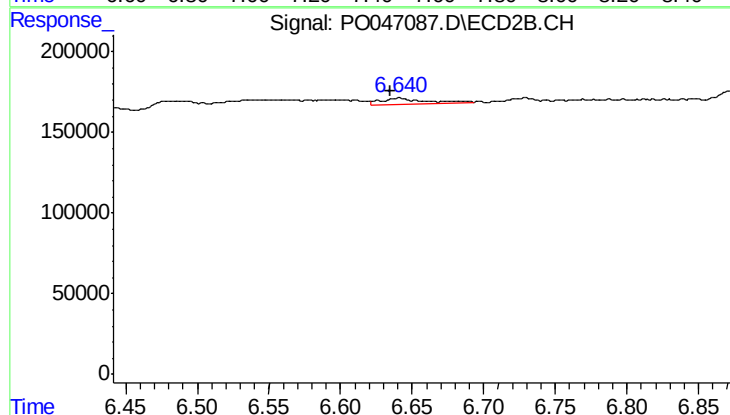
#29 AR-1254-4

R.T.: 6.387 min  
Delta R.T.: 0.068 min  
Response: 61610  
Conc: 10.68 ng/ml



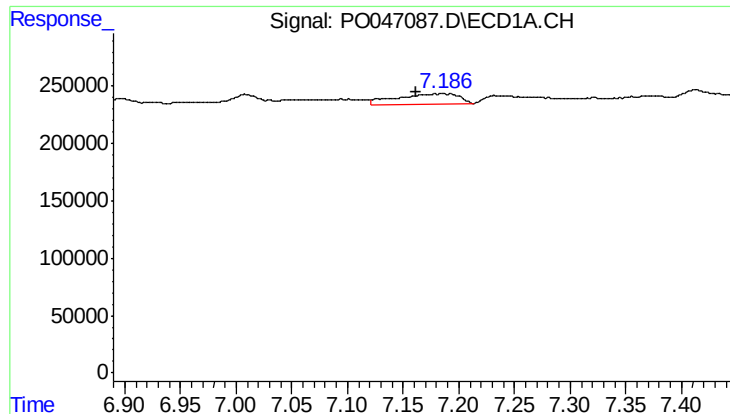
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 7.557 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

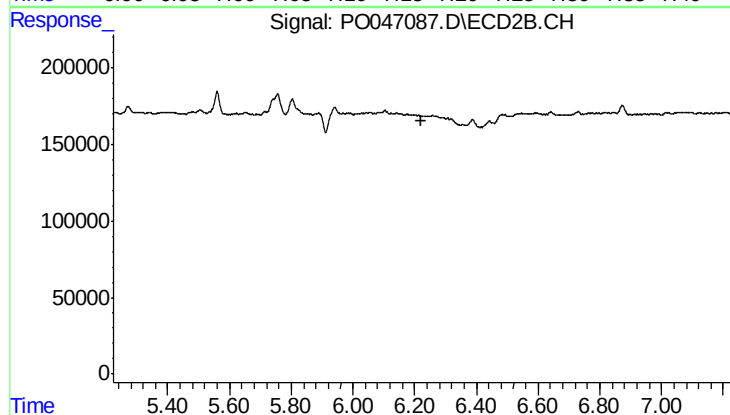
R.T.: 6.641 min  
Delta R.T.: 0.006 min  
Response: 80555  
Conc: 20.29 ng/ml



#31 AR-1260-1

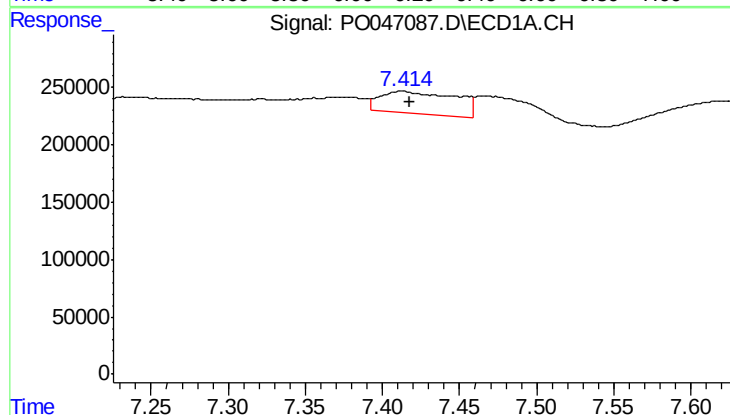
R.T.: 7.186 min  
Delta R.T.: 0.024 min  
Response: 361999  
Conc: 60.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



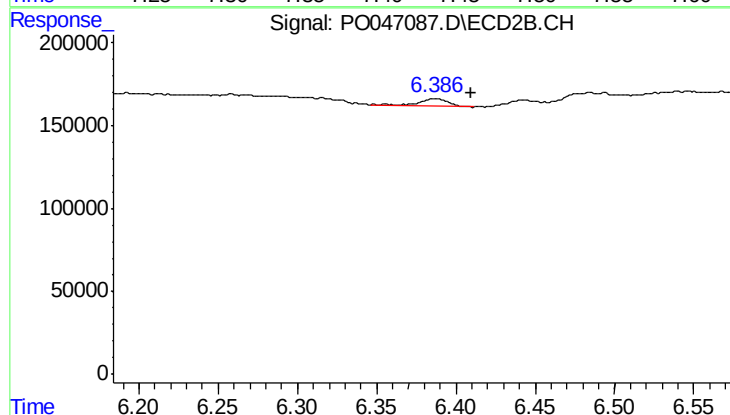
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 6.223 min  
Response: 0  
Conc: N.D.



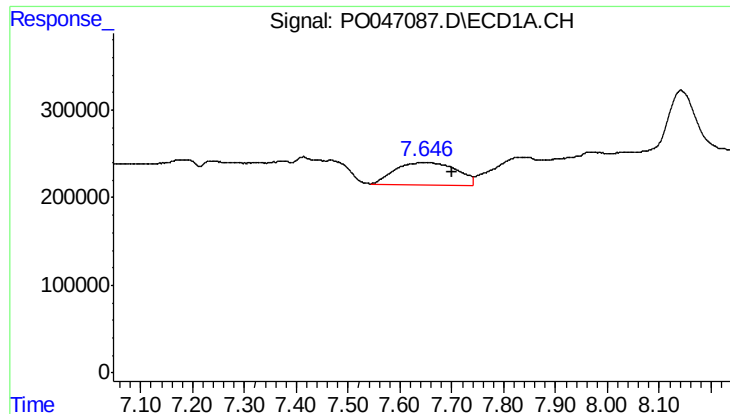
#32 AR-1260-2

R.T.: 7.413 min  
Delta R.T.: -0.005 min  
Response: 674937  
Conc: 92.36 ng/ml



#32 AR-1260-2

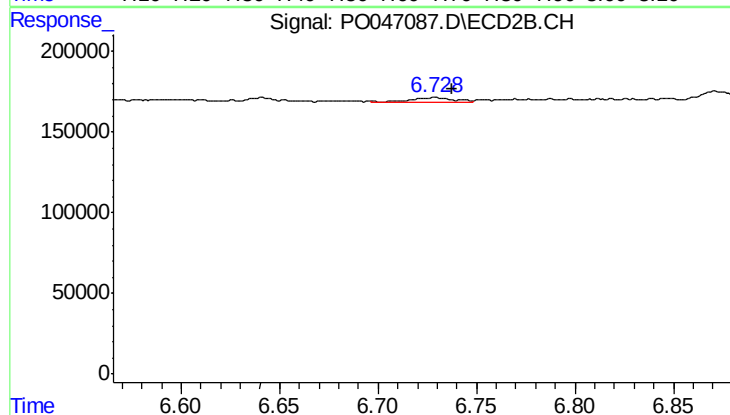
R.T.: 6.387 min  
Delta R.T.: -0.023 min  
Response: 61610  
Conc: 8.77 ng/ml



#33 AR-1260-3

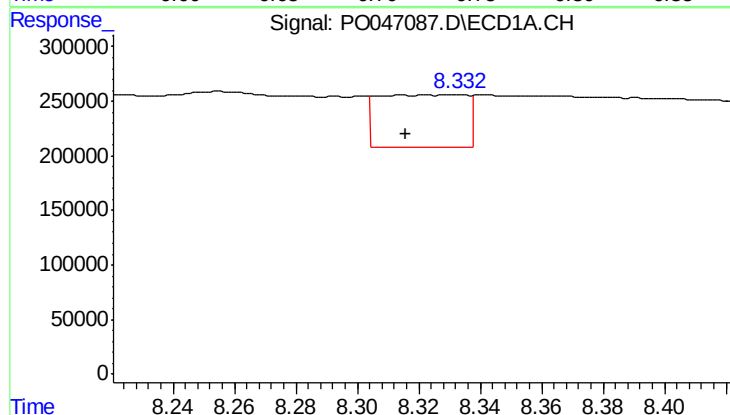
R.T.: 7.646 min  
Delta R.T.: -0.054 min  
Response: 2107596  
Conc: 245.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



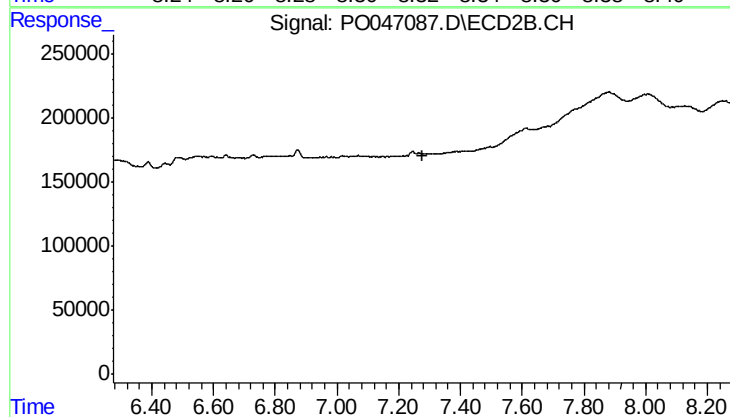
#33 AR-1260-3

R.T.: 6.728 min  
Delta R.T.: -0.009 min  
Response: 35917  
Conc: 4.78 ng/ml



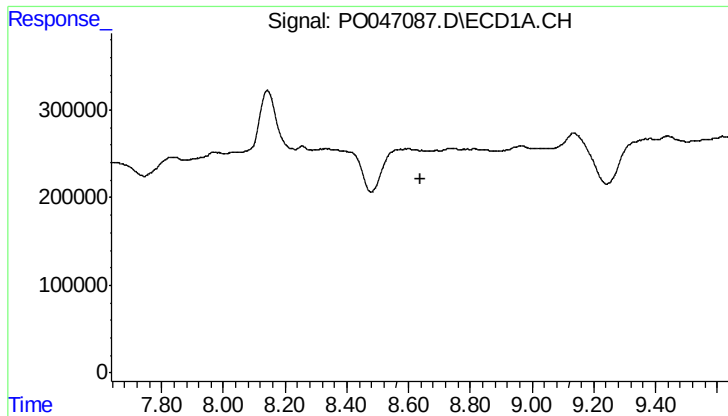
#34 AR-1260-4

R.T.: 8.332 min  
Delta R.T.: 0.016 min  
Response: 956958  
Conc: 79.05 ng/ml



#34 AR-1260-4

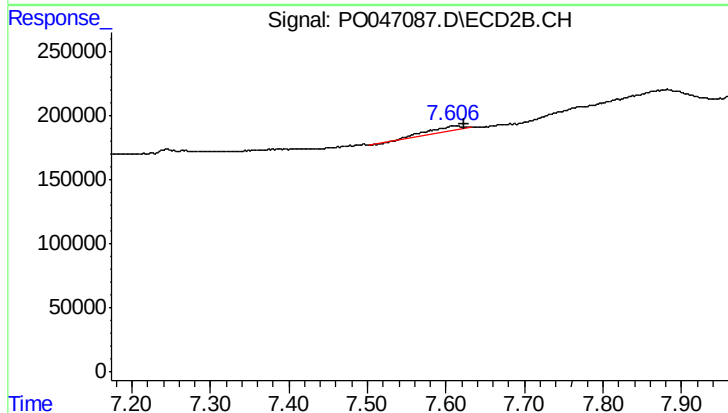
R.T.: 7.244 min  
Delta R.T.: -0.031 min  
Response: -26437  
Conc: N.D.



#35 AR-1260-5

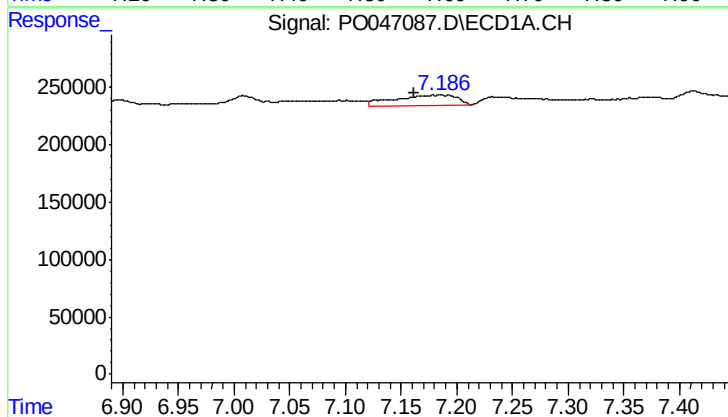
R.T.: 0.000 min  
Exp R.T.: 8.637 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



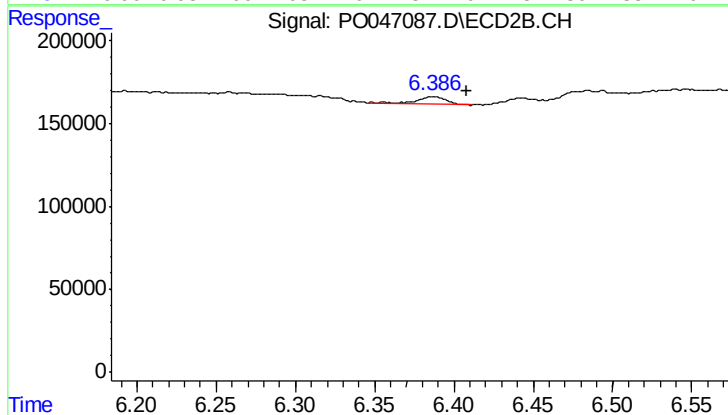
#35 AR-1260-5

R.T.: 7.611 min  
Delta R.T.: -0.012 min  
Response: 117282  
Conc: 14.14 ng/ml



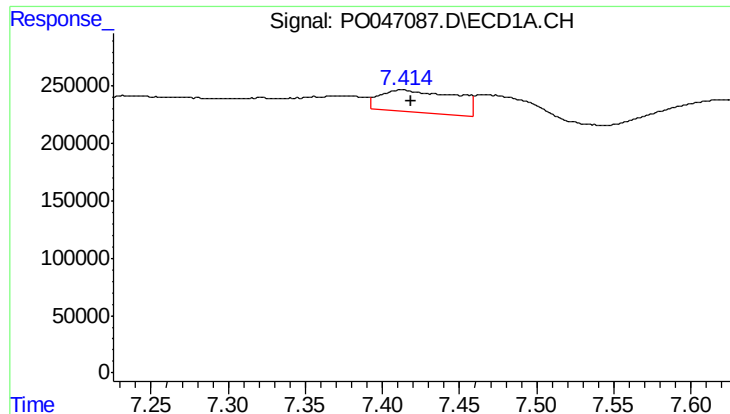
#36 AR-1262-1

R.T.: 7.186 min  
Delta R.T.: 0.024 min  
Response: 361999  
Conc: 67.26 ng/ml



#36 AR-1262-1

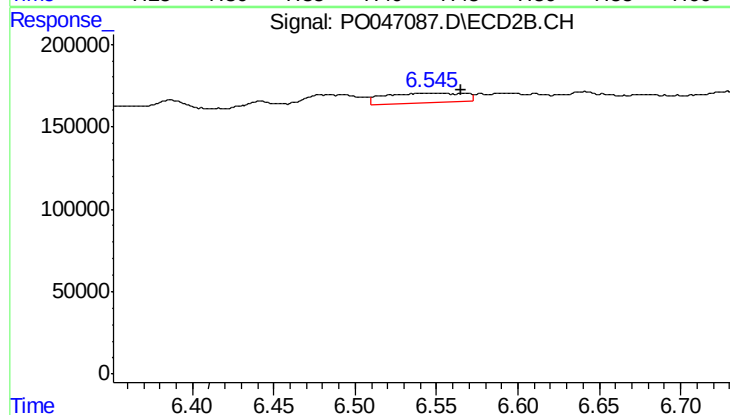
R.T.: 6.387 min  
Delta R.T.: -0.021 min  
Response: 61610  
Conc: 9.98 ng/ml



#37 AR-1262-2

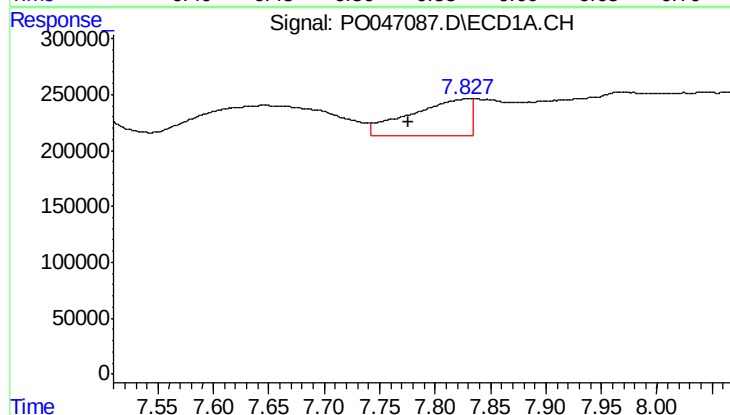
R.T.: 7.413 min  
Delta R.T.: -0.006 min  
Response: 674937  
Conc: 104.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



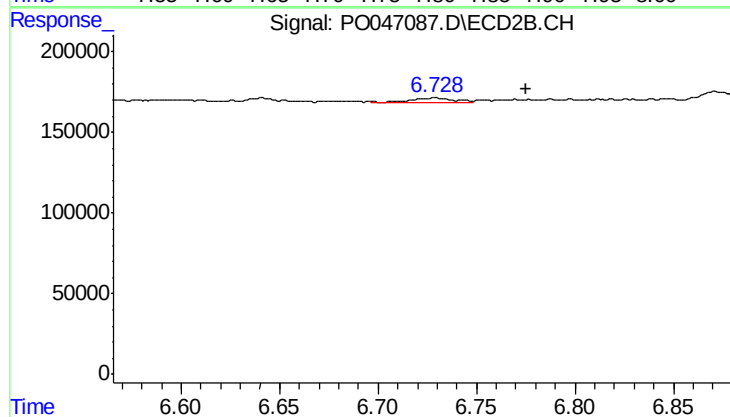
#37 AR-1262-2

R.T.: 6.546 min  
Delta R.T.: -0.019 min  
Response: 194120  
Conc: 31.71 ng/ml



#38 AR-1262-3

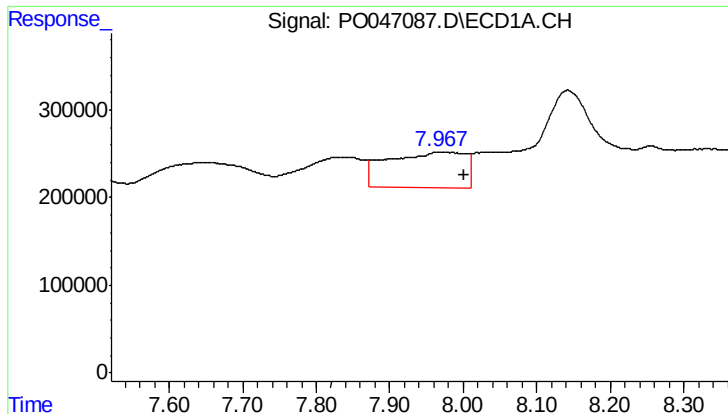
R.T.: 7.828 min  
Delta R.T.: 0.052 min  
Response: 1245607  
Conc: 150.94 ng/ml



#38 AR-1262-3

R.T.: 6.728 min  
Delta R.T.: -0.047 min  
Response: 35917  
Conc: 4.41 ng/ml

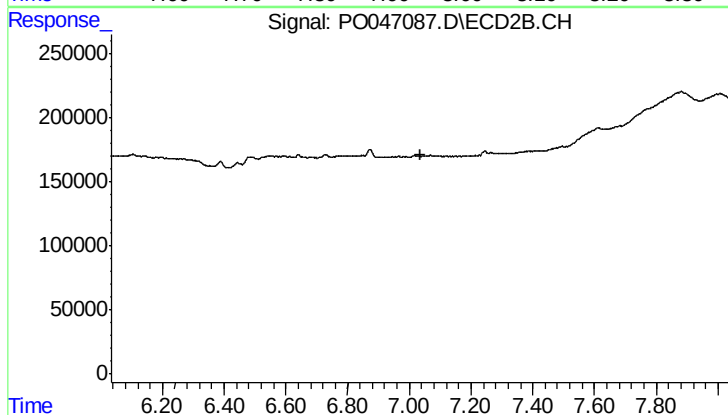




#39 AR-1262-4

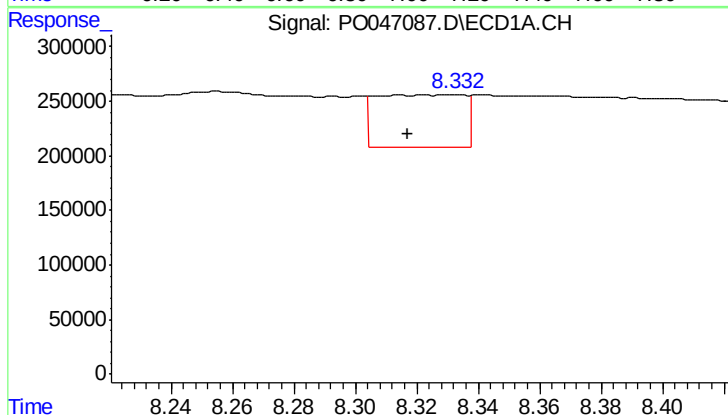
R.T.: 7.969 min  
Delta R.T.: -0.033 min  
Response: 3008153  
Conc: 376.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



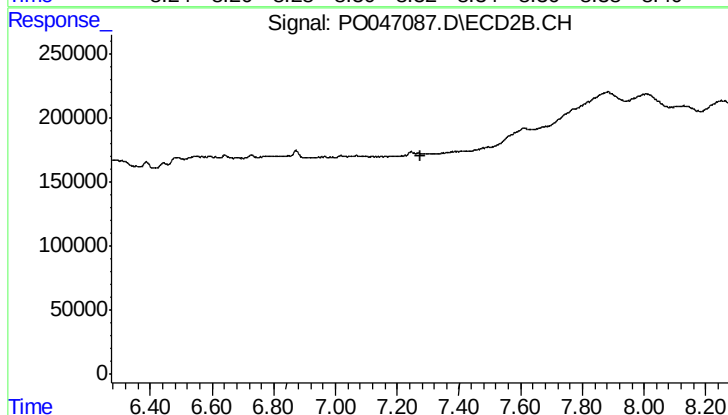
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 7.035 min  
Response: 0  
Conc: N.D.



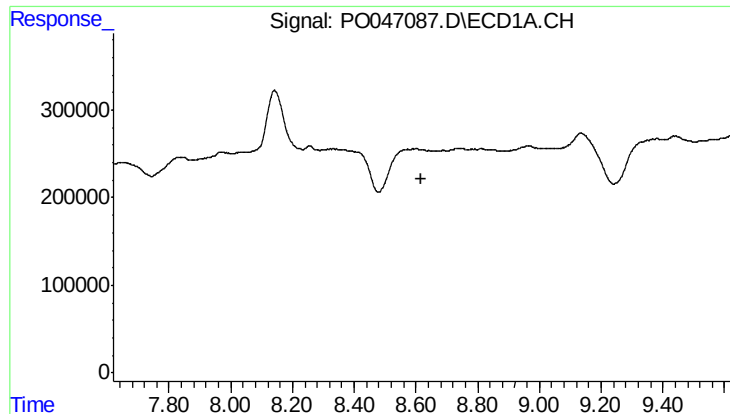
#40 AR-1262-5

R.T.: 8.332 min  
Delta R.T.: 0.015 min  
Response: 956958  
Conc: 64.23 ng/ml



#40 AR-1262-5

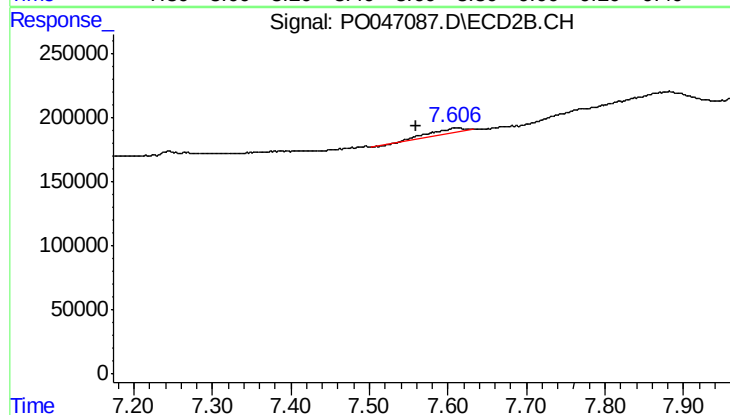
R.T.: 7.244 min  
Delta R.T.: -0.029 min  
Response: -26437  
Conc: N.D.



#41 AR-1268-1

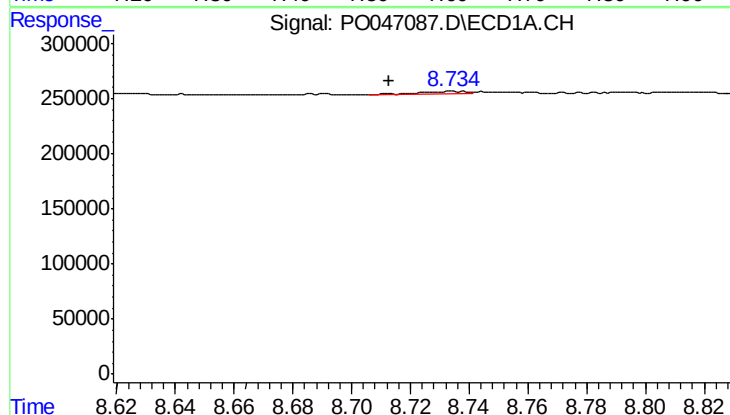
R.T.: 0.000 min  
Exp R.T.: 8.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



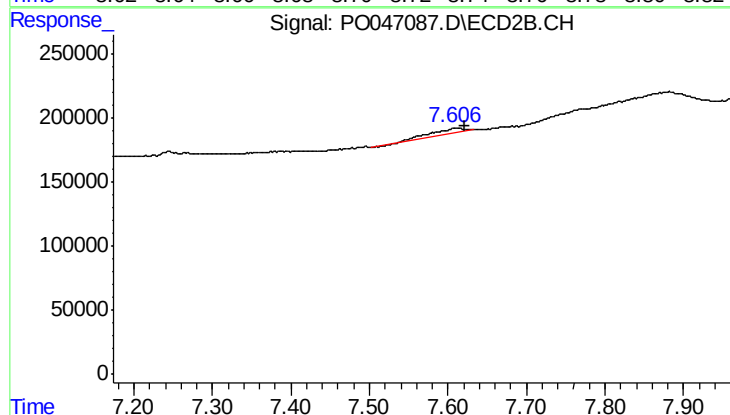
#41 AR-1268-1

R.T.: 7.611 min  
Delta R.T.: 0.052 min  
Response: 117282  
Conc: 8.61 ng/ml



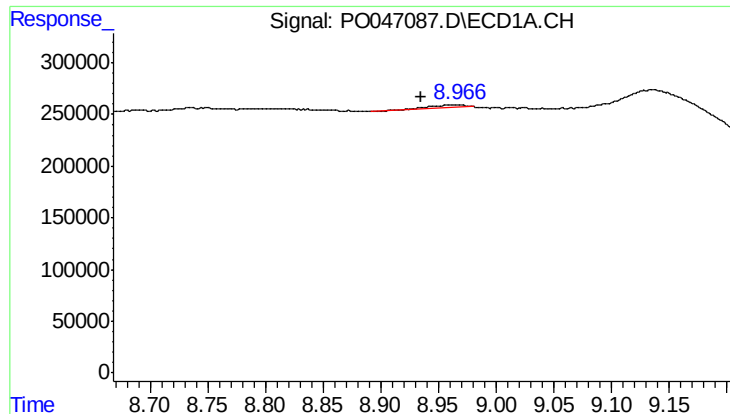
#42 AR-1268-2

R.T.: 8.734 min  
Delta R.T.: 0.021 min  
Response: 22214  
Conc: 1.59 ng/ml



#42 AR-1268-2

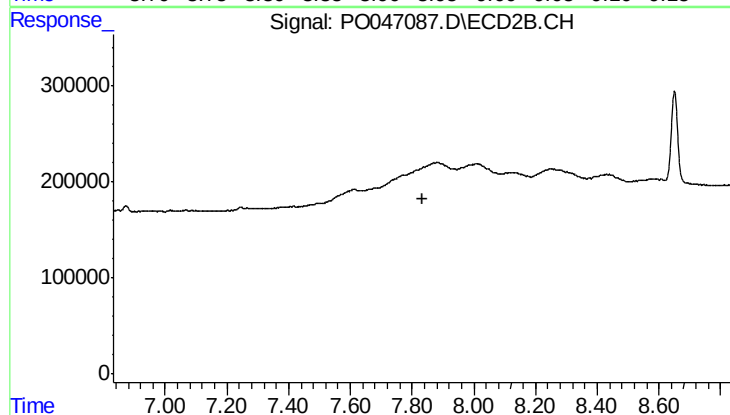
R.T.: 7.611 min  
Delta R.T.: -0.011 min  
Response: 117282  
Conc: 9.34 ng/ml



#43 AR-1268-3

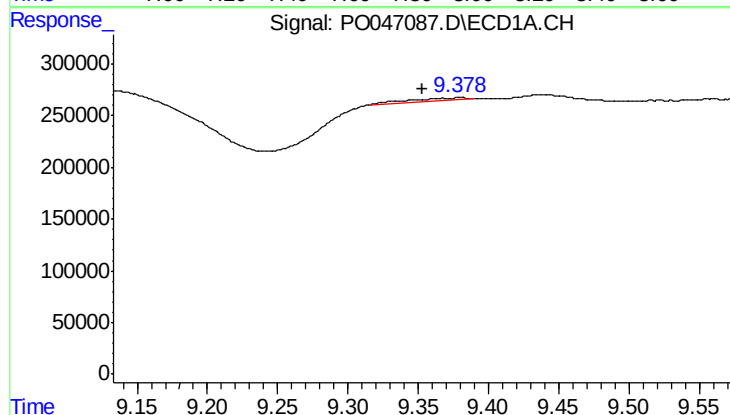
R.T.: 8.967 min  
Delta R.T.: 0.032 min  
Response: 58816  
Conc: 5.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



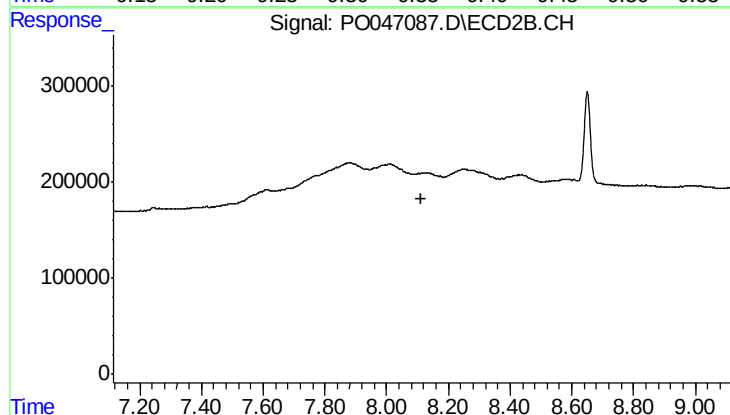
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 7.832 min  
Response: 0  
Conc: N.D.



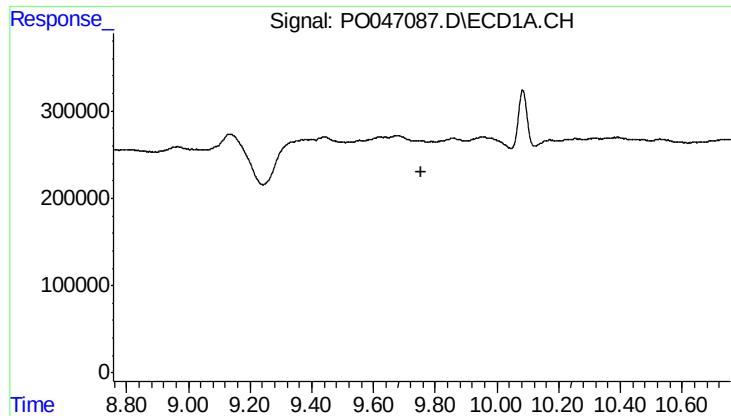
#44 AR-1268-4

R.T.: 9.380 min  
Delta R.T.: 0.027 min  
Response: 77091  
Conc: 15.26 ng/ml



#44 AR-1268-4

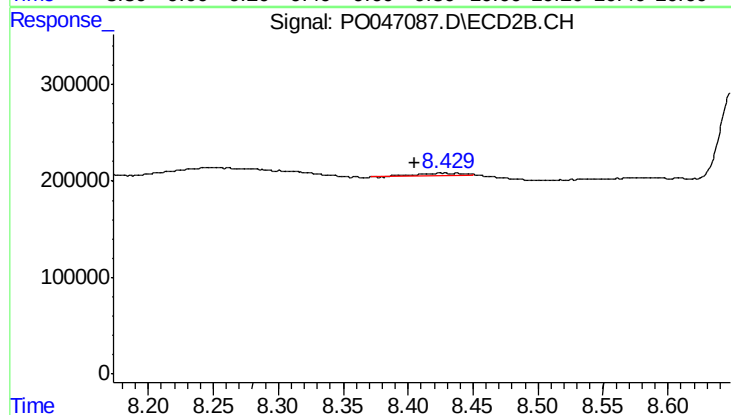
R.T.: 0.000 min  
Exp R.T.: 8.114 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.756 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
FK-PS-01-034



#45 AR-1268-5

R.T.: 8.428 min  
Delta R.T.: 0.022 min  
Response: 60473  
Conc: 2.01 ng/ml