

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP011824\  
 Data File : PP062994.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jan 2024 14:15  
 Operator : YP\AJ  
 Sample : P1161-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 SU-02-011724

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 18 22:03:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP011024.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jan 11 02:58:31 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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  | 3.681  | 63473068 | 86775664 | 24.476  | 24.870     |
| 2)                          | SA Decachlor... | 10.156 | 8.782  | 36913143 | 47200873 | 23.342  | 20.228     |
|                             |                 |        |        |          |          |         |            |
| Target Compounds            |                 |        |        |          |          |         |            |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.986  | 0        | 551809   | N.D.    | 6.742 #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.029  | 0        | 902391   | N.D.    | 13.405 #   |
| 7)                          | L1 AR-1016-5    | 6.047  | 5.243  | 570950   | 1152455  | 9.208   | 12.821 #   |
| 8)                          | L2 AR-1221-1    | 4.603  | 0.000  | 26068142 | 0        | 828.062 | N.D. #     |
| 9)                          | L2 AR-1221-2    | 4.701  | 3.968f | 1271784  | 35902911 | 51.981  | 1161.542 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.060  | 0        | 137360   | N.D.    | 1.555 #    |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.060  | 0        | 137360   | N.D.    | 1.850 #    |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.986  | 0        | 551809   | N.D.    | 14.324 #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.072  | 0        | 810622   | N.D.    | 22.197 #   |
| 15)                         | L3 AR-1232-5    | 5.843  | 5.243  | 468467   | 1152455  | 21.231  | 29.165 #   |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.986  | 0        | 551809   | N.D.    | 8.287 #    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.072  | 0        | 810622   | N.D.    | 11.772 #   |
| 20)                         | L4 AR-1242-5    | 6.494  | 5.604  | 1602138  | 1348331  | 32.516  | 17.029 #   |
| 22)                         | L5 AR-1248-2    | 5.843  | 5.029  | 468467   | 902391   | 5.946   | 9.258 #    |
| 23)                         | L5 AR-1248-3    | 6.047  | 5.072  | 570950   | 810622   | 6.727   | 7.946      |
| 24)                         | L5 AR-1248-4    | 6.427f | 5.243  | 511425   | 1152455  | 5.999   | 9.638 #    |
| 25)                         | L5 AR-1248-5    | 6.494  | 5.646  | 1602138  | 940896   | 19.076  | 8.678 #    |
| 26)                         | L6 AR-1254-1    | 6.427  | 5.604  | 511425   | 1348331  | 5.463   | 7.719 #    |
| 27)                         | L6 AR-1254-2    | 6.647  | 5.755  | 1685203  | 1067065  | 12.083  | 7.044 #    |
| 28)                         | L6 AR-1254-3    | 7.016  | 6.163  | 1008762  | 1241799  | 7.359   | 5.181 #    |
| 29)                         | L6 AR-1254-4    | 7.300  | 6.394  | 669528   | 829667   | 7.469   | 6.096      |
| 30)                         | L6 AR-1254-5    | 7.743f | 6.817  | 821355   | 1312488  | 8.825   | 6.473 #    |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.295  | 0        | 837570   | N.D.    | 4.965 #    |
| 32)                         | L7 AR-1260-2    | 7.432  | 6.486  | 667532   | 562207   | 5.911   | 2.892 #    |
| 33)                         | L7 AR-1260-3    | 7.797  | 6.643  | 120086   | 623080   | 1.412   | 3.367 #    |
| 34)                         | L7 AR-1260-4    | 8.028  | 0.000  | 28223    | 0        | 0.328   | N.D. #     |
| 35)                         | L7 AR-1260-5    | 8.357  | 7.360  | 327071   | 172100   | 2.059   | 0.543 #    |
| 37)                         | L8 AR-1262-2    | 8.357  | 0.000  | 327071   | 0        | 1.653   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 8.756  | 7.730  | 642920   | 233577   | 6.023   | 0.877 #    |
| 42)                         | L9 AR-1268-2    | 8.756  | 7.730  | 642920   | 233577   | 3.218   | 0.665 #    |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.925  | 0        | 522680   | N.D.    | 1.688 #    |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.521  | 0        | 294214   | N.D.    | 0.355 #    |
| -----                       |                 |        |        |          |          |         |            |

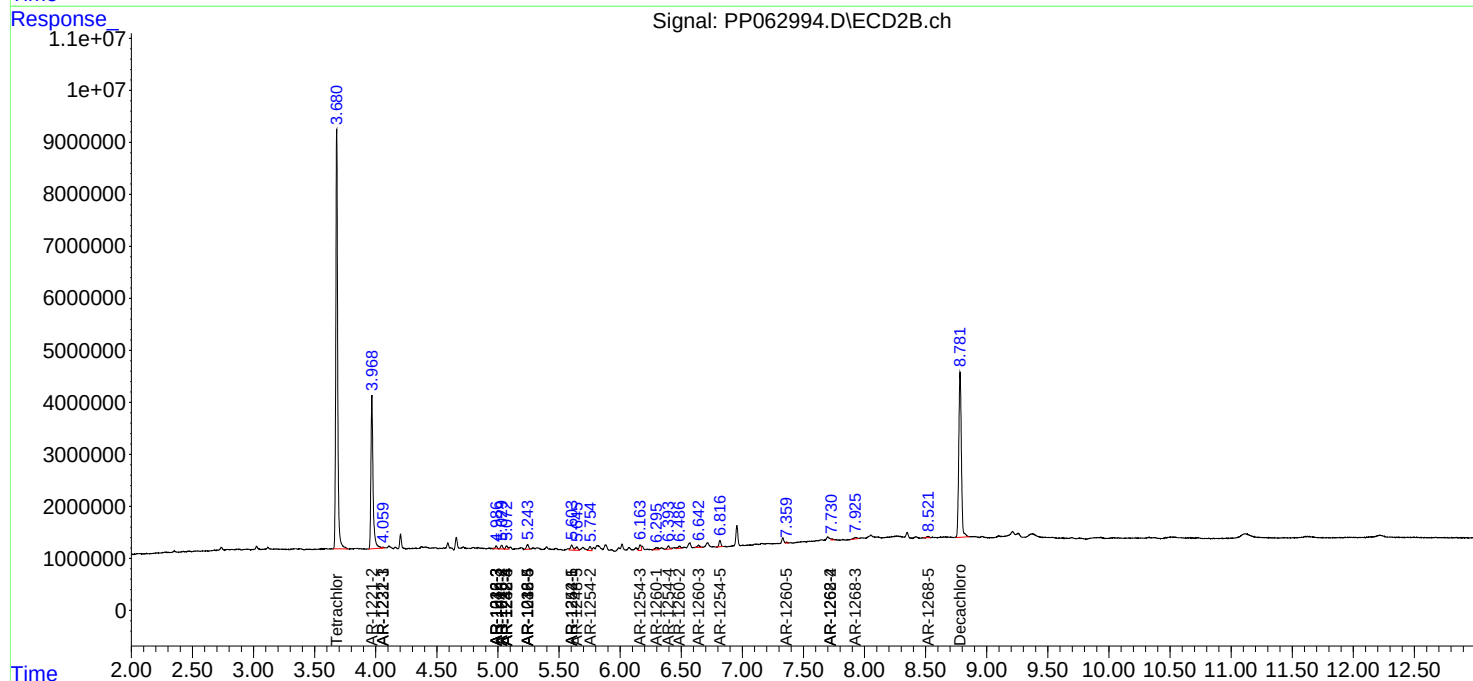
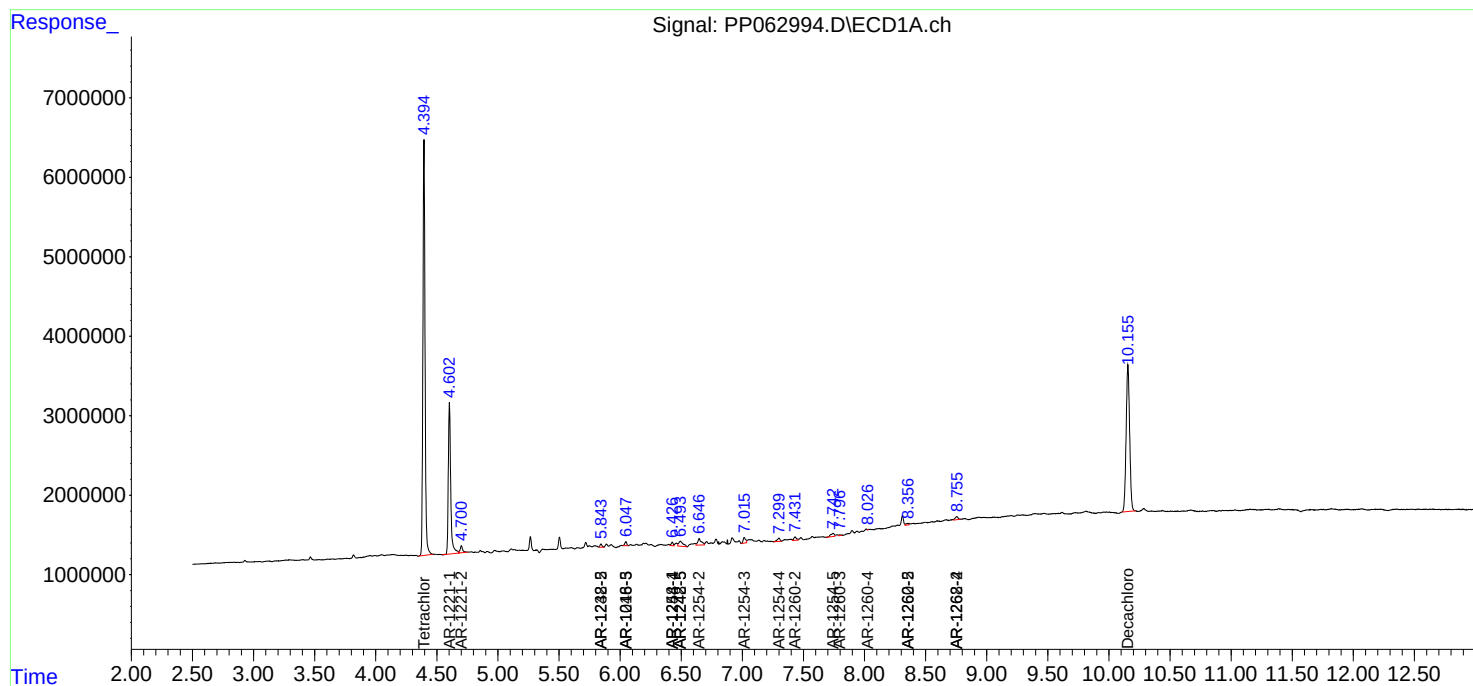
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

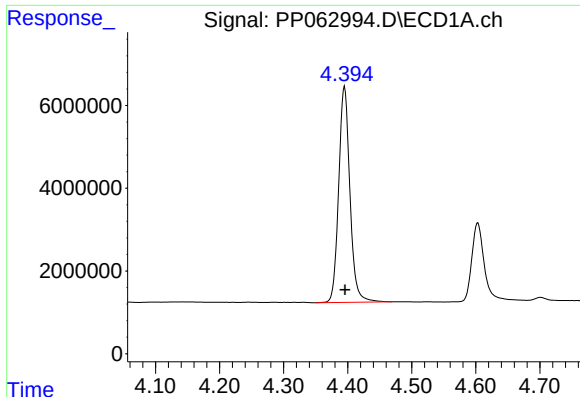
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP011824\  
Data File : PP062994.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jan 2024 14:15  
Operator : YP\AJ  
Sample : P1161-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 18 22:03:54 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP011024.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Jan 11 02:58:31 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

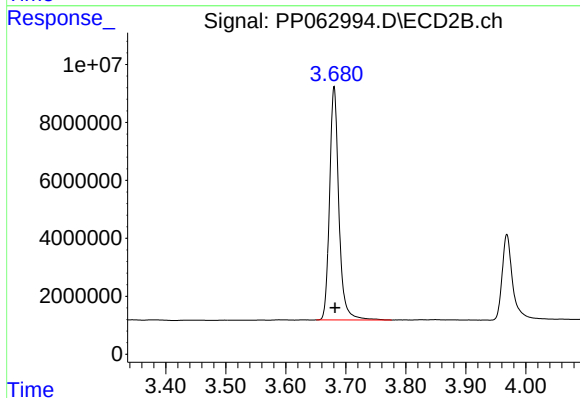




#1 Tetrachloro-m-xylene

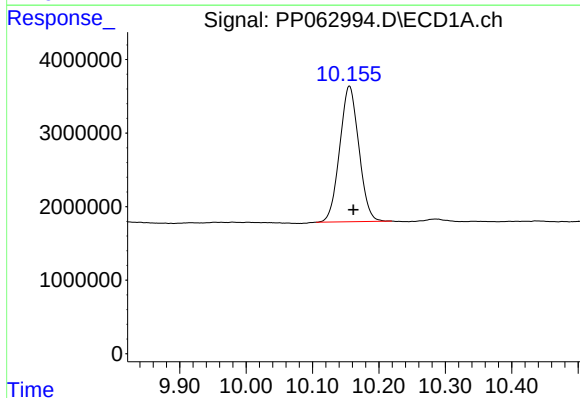
R.T.: 4.395 min  
Delta R.T.: 0.000 min  
Response: 63473068  
Conc: 24.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



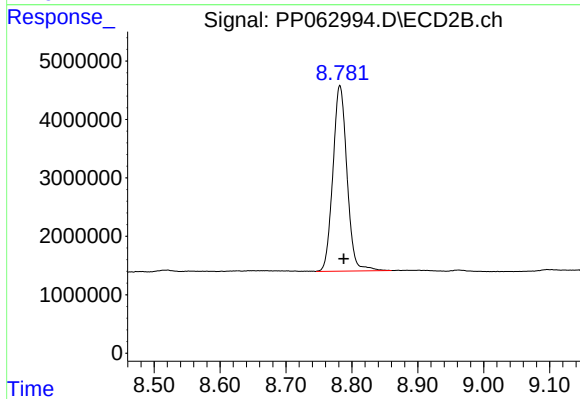
#1 Tetrachloro-m-xylene

R.T.: 3.681 min  
Delta R.T.: -0.001 min  
Response: 86775664  
Conc: 24.87 ng/ml



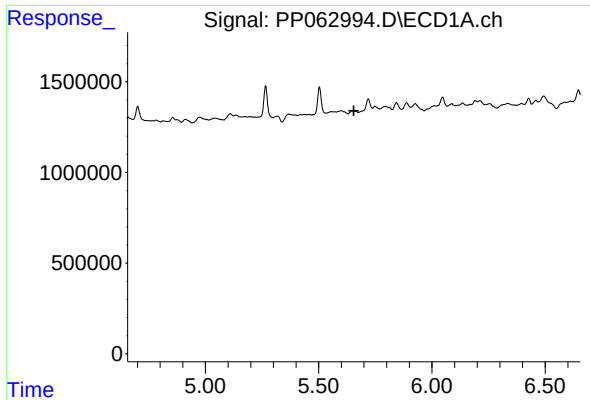
#2 Decachlorobiphenyl

R.T.: 10.156 min  
Delta R.T.: -0.006 min  
Response: 36913143  
Conc: 23.34 ng/ml



#2 Decachlorobiphenyl

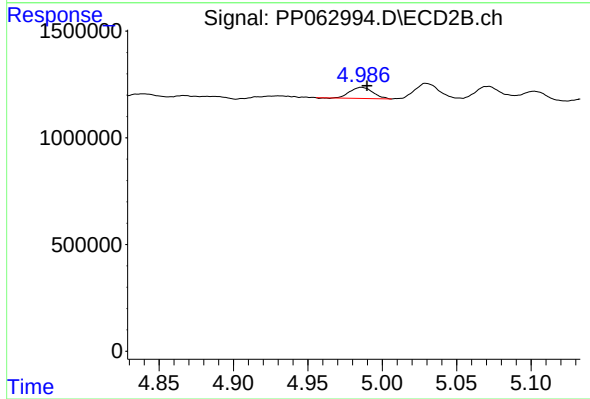
R.T.: 8.782 min  
Delta R.T.: -0.006 min  
Response: 47200873  
Conc: 20.23 ng/ml



#5 AR-1016-3

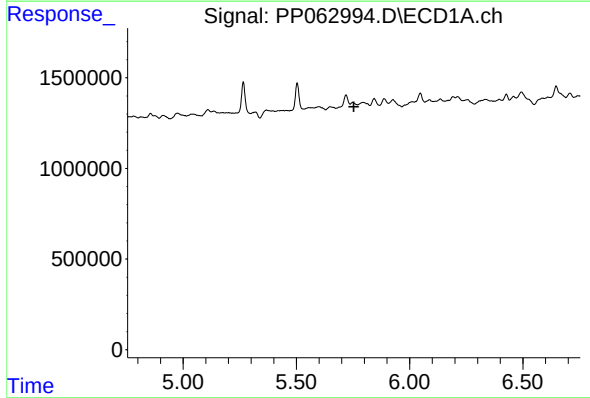
R.T.: 0.000 min  
Exp R.T.: 5.655 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



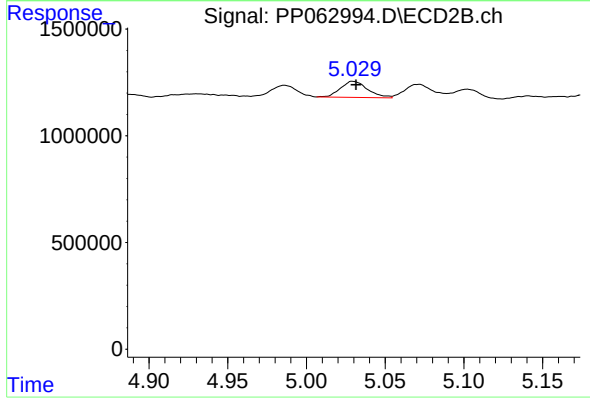
#5 AR-1016-3

R.T.: 4.986 min  
Delta R.T.: -0.004 min  
Response: 551809  
Conc: 6.74 ng/ml



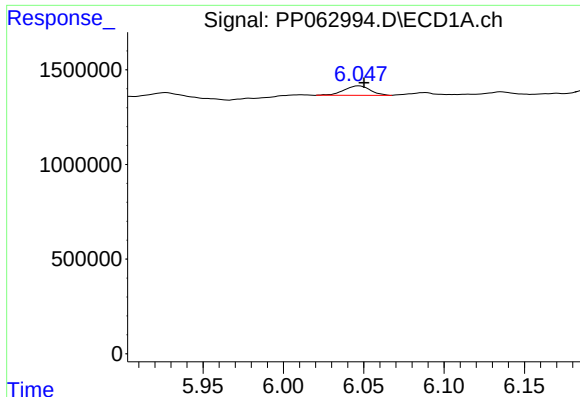
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.754 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

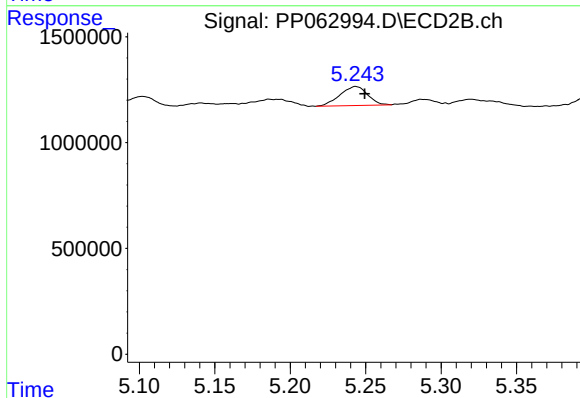
R.T.: 5.029 min  
Delta R.T.: -0.002 min  
Response: 902391  
Conc: 13.40 ng/ml



#7 AR-1016-5

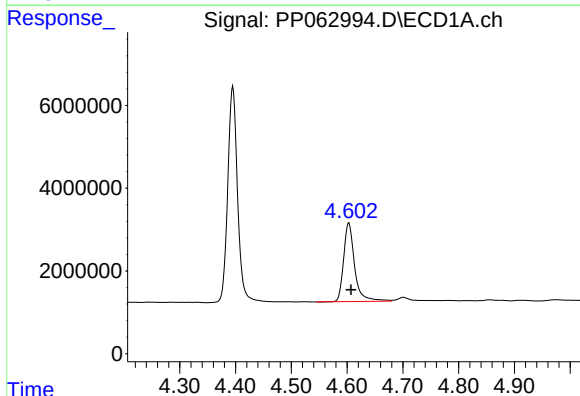
R.T.: 6.047 min  
Delta R.T.: -0.003 min  
Response: 570950  
Conc: 9.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



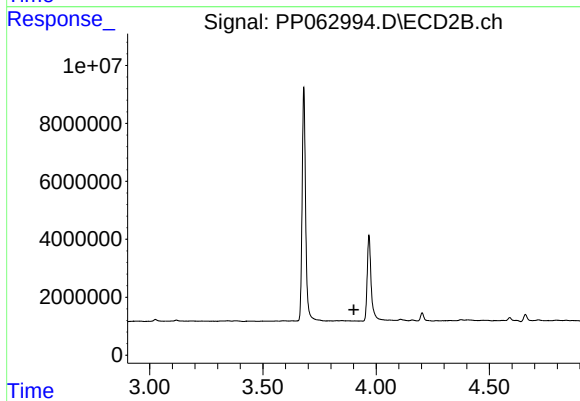
#7 AR-1016-5

R.T.: 5.243 min  
Delta R.T.: -0.006 min  
Response: 1152455  
Conc: 12.82 ng/ml



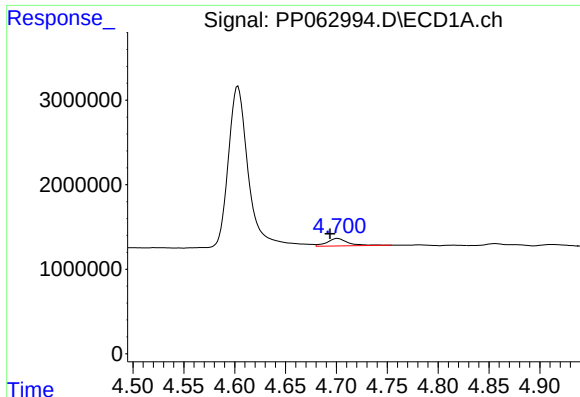
#8 AR-1221-1

R.T.: 4.603 min  
Delta R.T.: -0.004 min  
Response: 26068142  
Conc: 828.06 ng/ml



#8 AR-1221-1

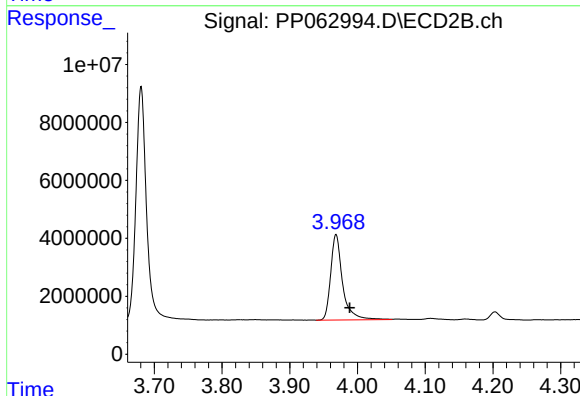
R.T.: 0.000 min  
Exp R.T. : 3.902 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

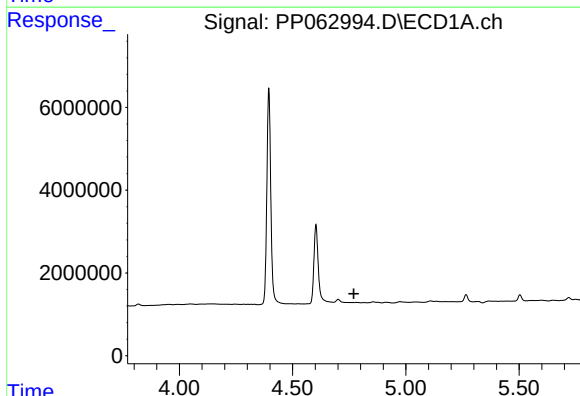
R.T.: 4.701 min  
Delta R.T.: 0.007 min  
Response: 1271784  
Conc: 51.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



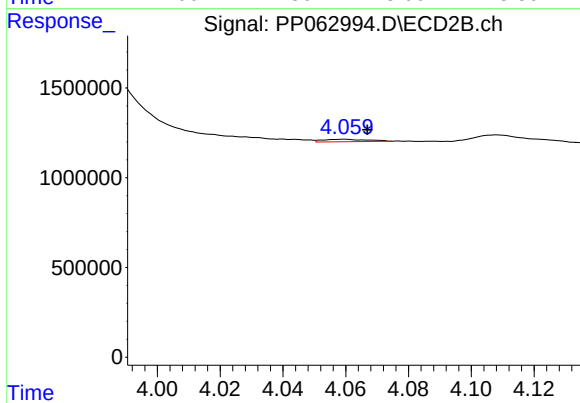
#9 AR-1221-2

R.T.: 3.968 min  
Delta R.T.: -0.020 min  
Response: 35902911  
Conc: 1161.54 ng/ml



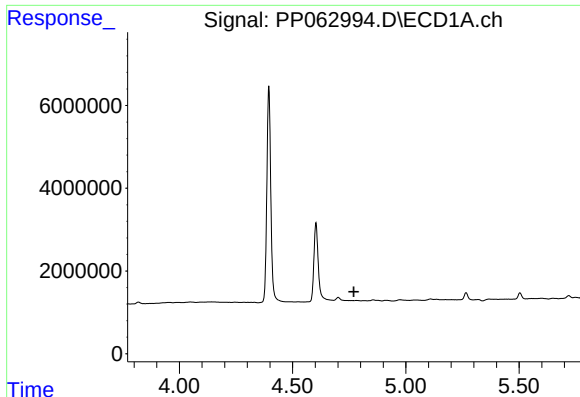
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.770 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

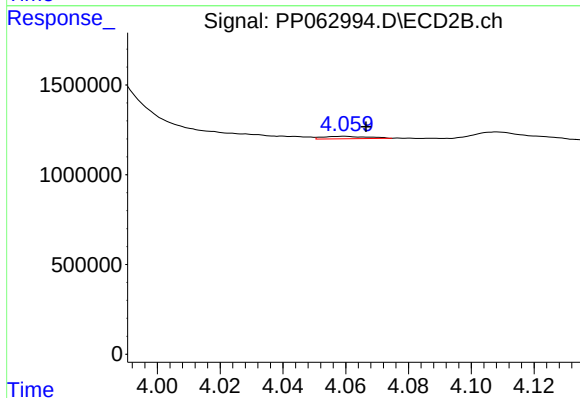
R.T.: 4.060 min  
Delta R.T.: -0.007 min  
Response: 137360  
Conc: 1.55 ng/ml



#11 AR-1232-1

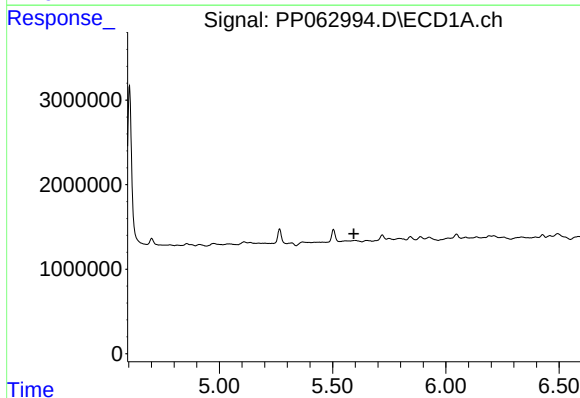
R.T.: 0.000 min  
Exp R.T.: 4.770 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



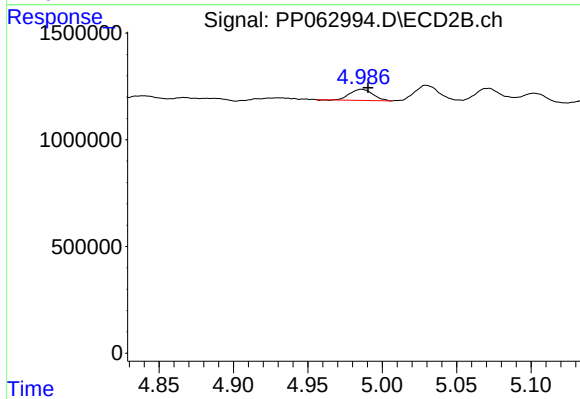
#11 AR-1232-1

R.T.: 4.060 min  
Delta R.T.: -0.007 min  
Response: 137360  
Conc: 1.85 ng/ml



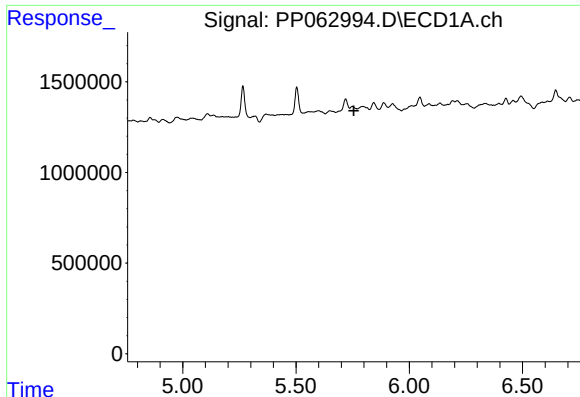
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.594 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

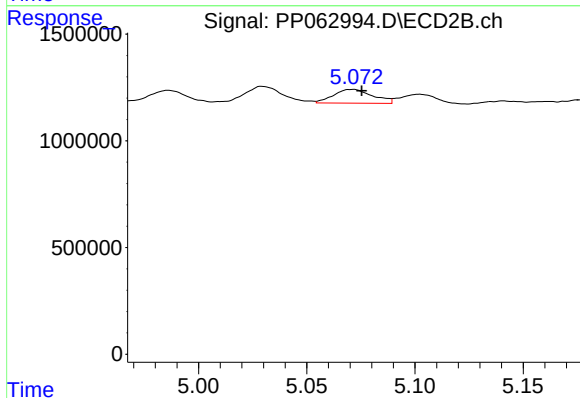
R.T.: 4.986 min  
Delta R.T.: -0.005 min  
Response: 551809  
Conc: 14.32 ng/ml



#14 AR-1232-4

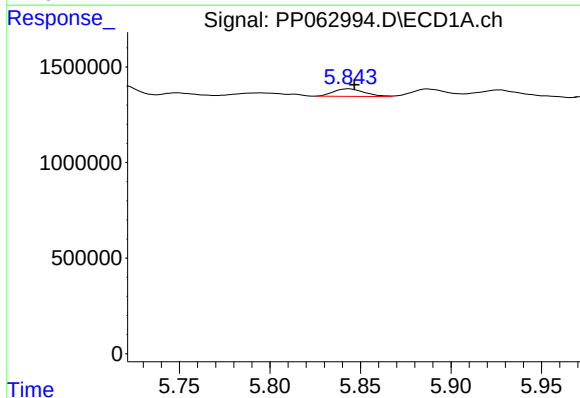
R.T.: 0.000 min  
Exp R.T.: 5.755 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



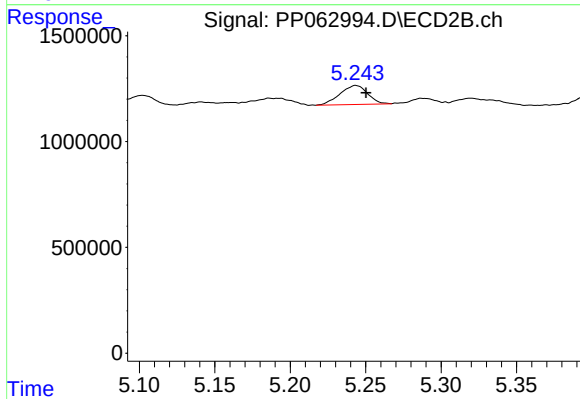
#14 AR-1232-4

R.T.: 5.072 min  
Delta R.T.: -0.004 min  
Response: 810622  
Conc: 22.20 ng/ml



#15 AR-1232-5

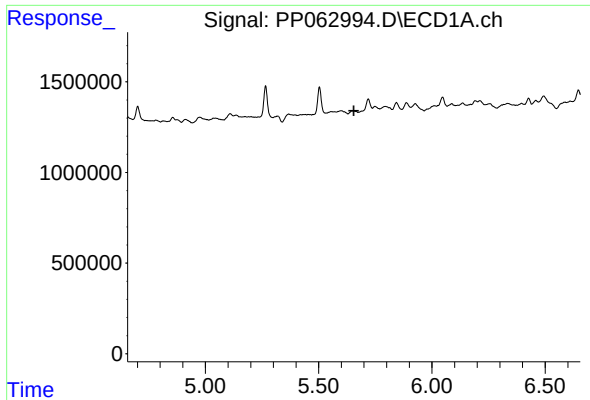
R.T.: 5.843 min  
Delta R.T.: -0.003 min  
Response: 468467  
Conc: 21.23 ng/ml



#15 AR-1232-5

R.T.: 5.243 min  
Delta R.T.: -0.007 min  
Response: 1152455  
Conc: 29.17 ng/ml

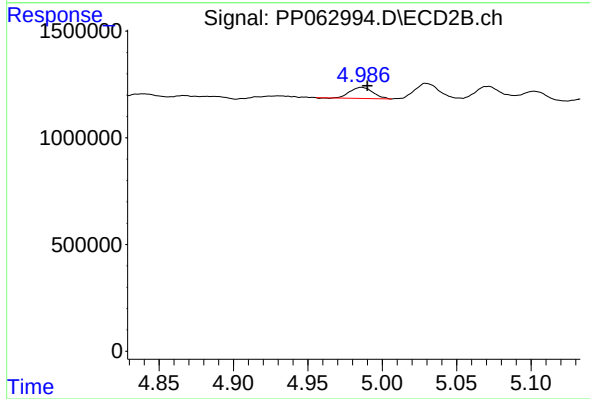




#18 AR-1242-3

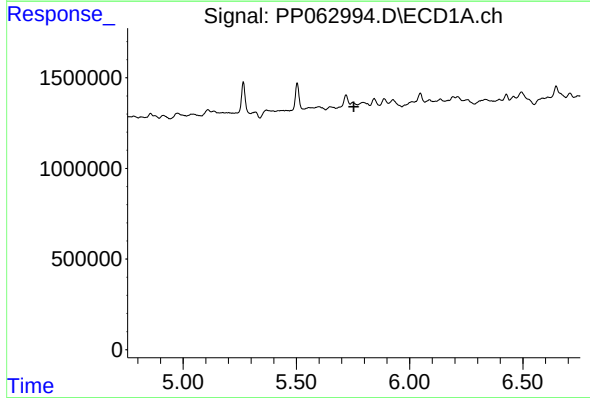
R.T.: 0.000 min  
Exp R.T.: 5.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



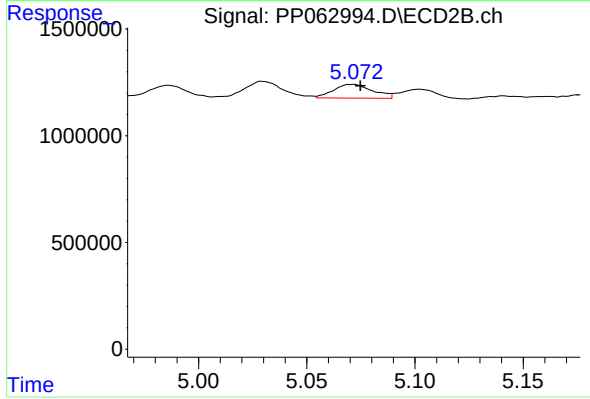
#18 AR-1242-3

R.T.: 4.986 min  
Delta R.T.: -0.004 min  
Response: 551809  
Conc: 8.29 ng/ml



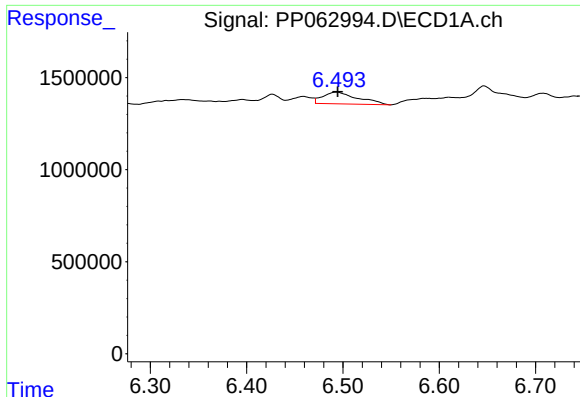
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.754 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

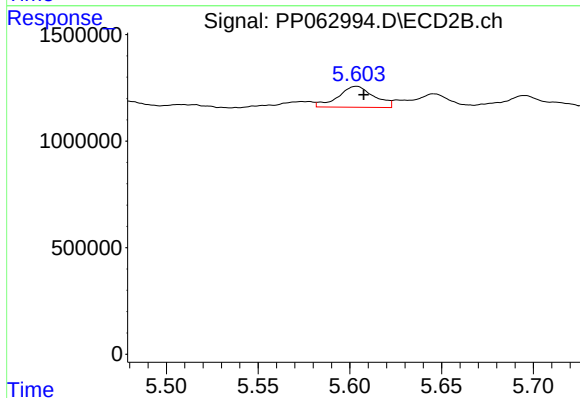
R.T.: 5.072 min  
Delta R.T.: -0.003 min  
Response: 810622  
Conc: 11.77 ng/ml



#20 AR-1242-5

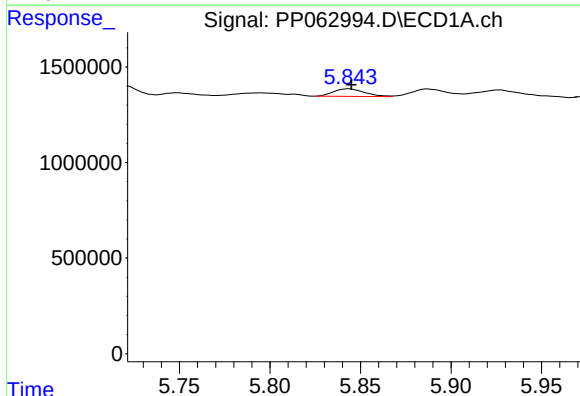
R.T.: 6.494 min  
Delta R.T.: -0.001 min  
Response: 1602138  
Conc: 32.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



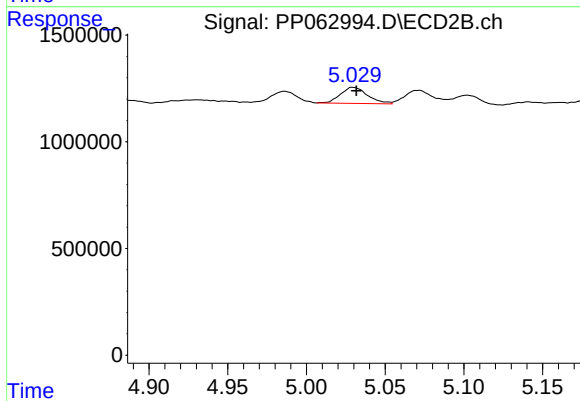
#20 AR-1242-5

R.T.: 5.604 min  
Delta R.T.: -0.004 min  
Response: 1348331  
Conc: 17.03 ng/ml



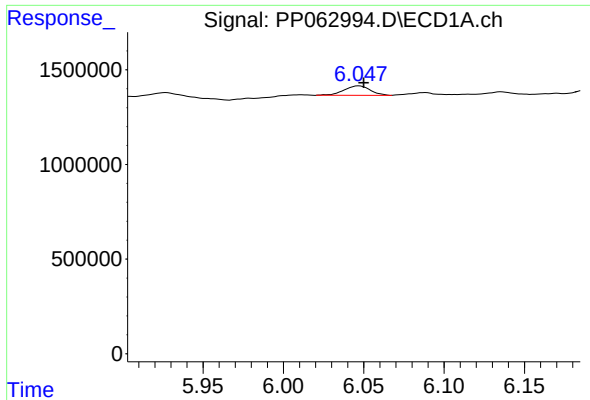
#22 AR-1248-2

R.T.: 5.843 min  
Delta R.T.: -0.002 min  
Response: 468467  
Conc: 5.95 ng/ml



#22 AR-1248-2

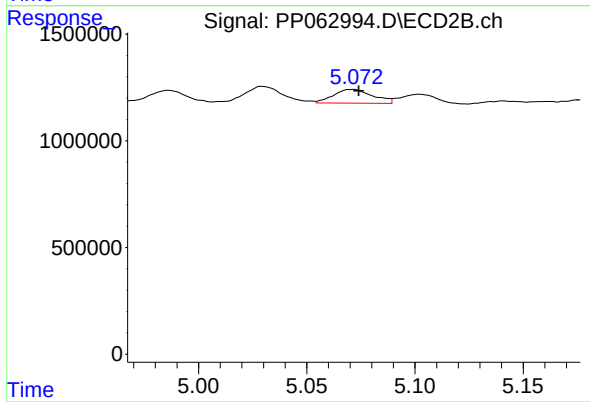
R.T.: 5.029 min  
Delta R.T.: -0.003 min  
Response: 902391  
Conc: 9.26 ng/ml



#23 AR-1248-3

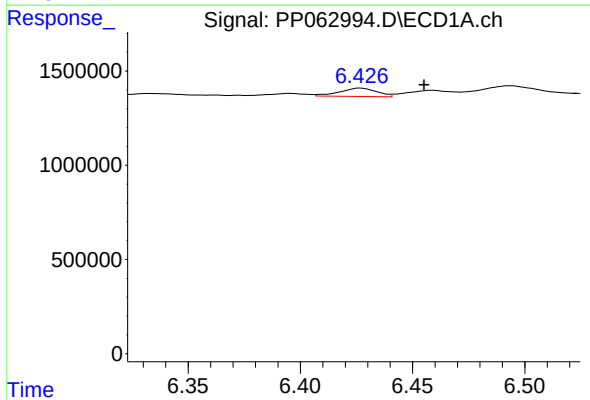
R.T.: 6.047 min  
Delta R.T.: -0.003 min  
Response: 570950  
Conc: 6.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



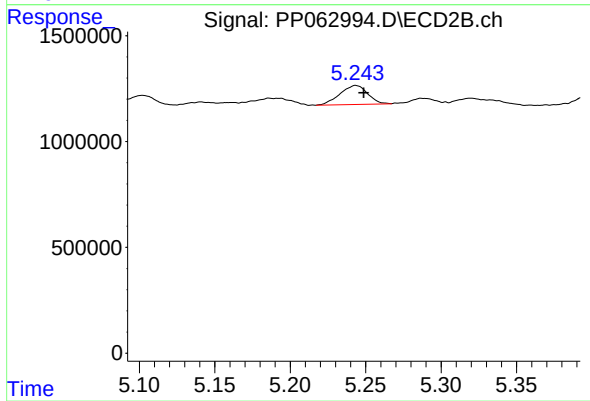
#23 AR-1248-3

R.T.: 5.072 min  
Delta R.T.: -0.002 min  
Response: 810622  
Conc: 7.95 ng/ml



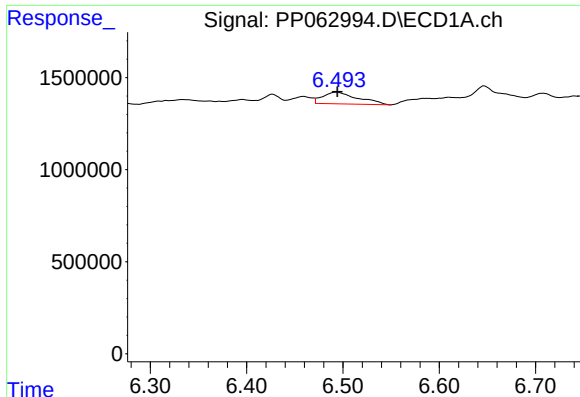
#24 AR-1248-4

R.T.: 6.427 min  
Delta R.T.: -0.028 min  
Response: 511425  
Conc: 6.00 ng/ml



#24 AR-1248-4

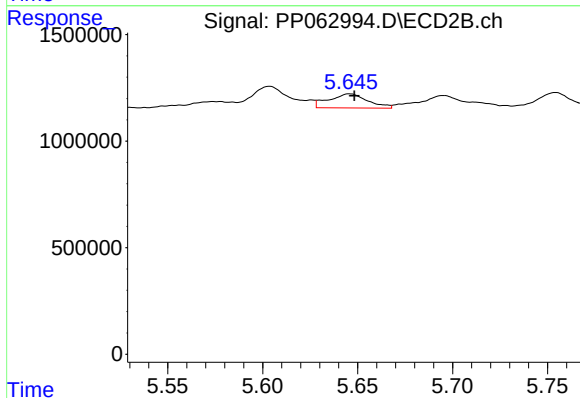
R.T.: 5.243 min  
Delta R.T.: -0.006 min  
Response: 1152455  
Conc: 9.64 ng/ml



#25 AR-1248-5

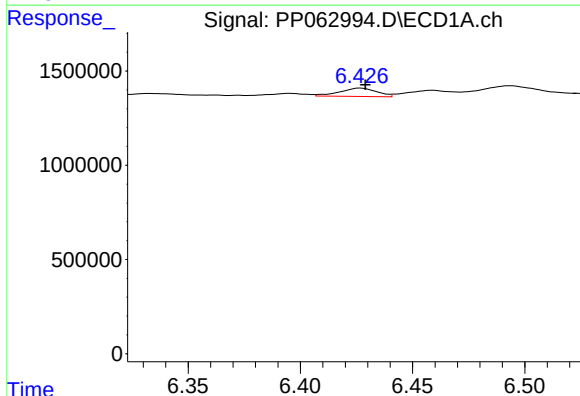
R.T.: 6.494 min  
Delta R.T.: 0.000 min  
Response: 1602138  
Conc: 19.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



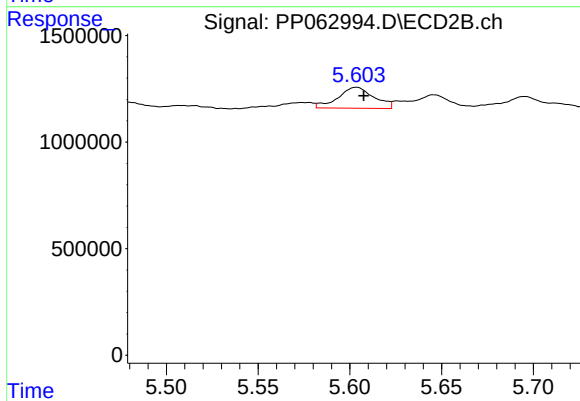
#25 AR-1248-5

R.T.: 5.646 min  
Delta R.T.: -0.003 min  
Response: 940896  
Conc: 8.68 ng/ml



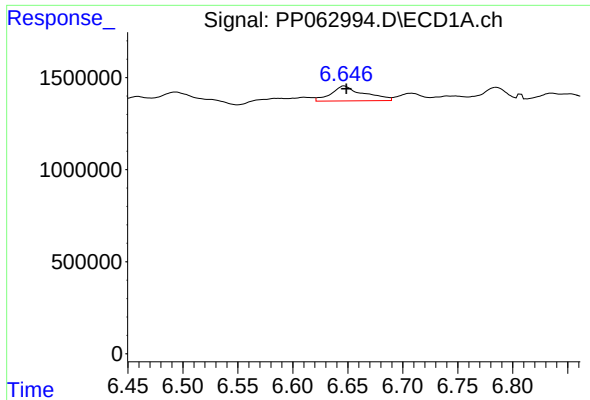
#26 AR-1254-1

R.T.: 6.427 min  
Delta R.T.: -0.002 min  
Response: 511425  
Conc: 5.46 ng/ml



#26 AR-1254-1

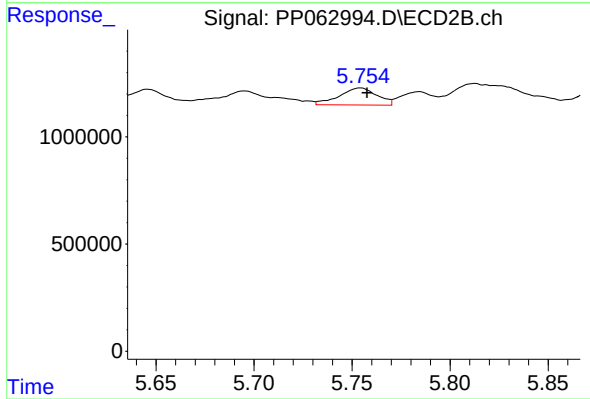
R.T.: 5.604 min  
Delta R.T.: -0.004 min  
Response: 1348331  
Conc: 7.72 ng/ml



#27 AR-1254-2

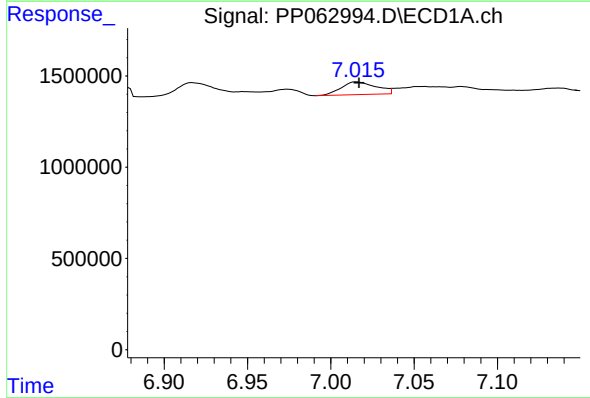
R.T.: 6.647 min  
Delta R.T.: -0.002 min  
Response: 1685203  
Conc: 12.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



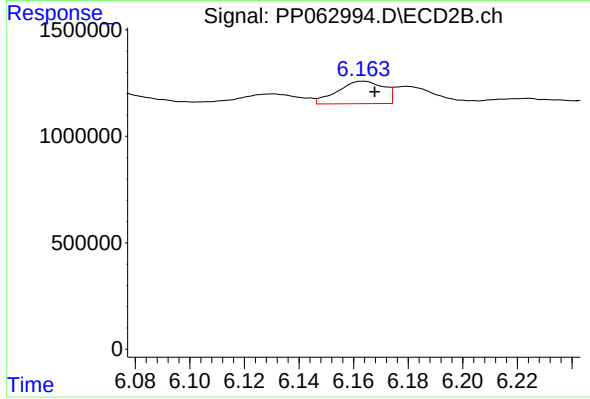
#27 AR-1254-2

R.T.: 5.755 min  
Delta R.T.: -0.003 min  
Response: 1067065  
Conc: 7.04 ng/ml



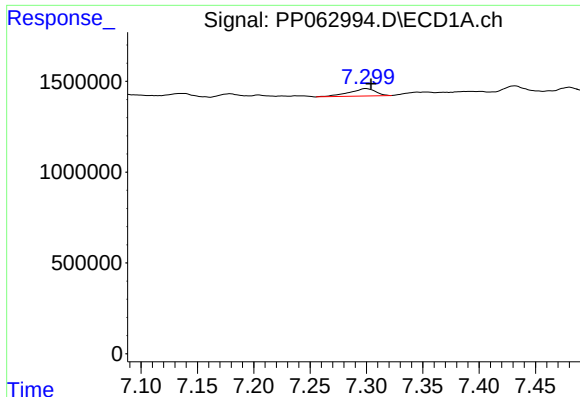
#28 AR-1254-3

R.T.: 7.016 min  
Delta R.T.: -0.001 min  
Response: 1008762  
Conc: 7.36 ng/ml



#28 AR-1254-3

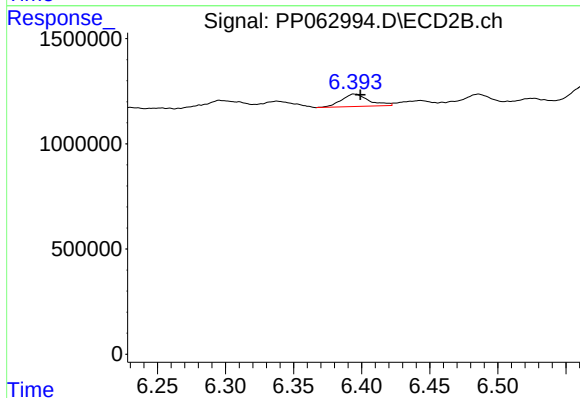
R.T.: 6.163 min  
Delta R.T.: -0.004 min  
Response: 1241799  
Conc: 5.18 ng/ml



#29 AR-1254-4

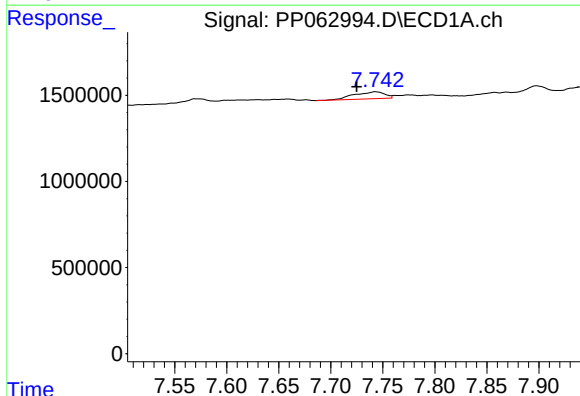
R.T.: 7.300 min  
Delta R.T.: -0.005 min  
Response: 669528  
Conc: 7.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



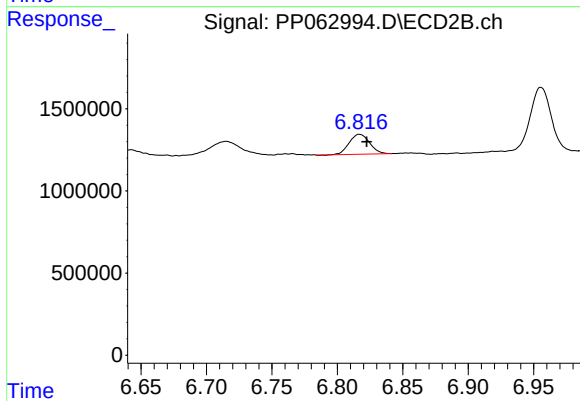
#29 AR-1254-4

R.T.: 6.394 min  
Delta R.T.: -0.005 min  
Response: 829667  
Conc: 6.10 ng/ml



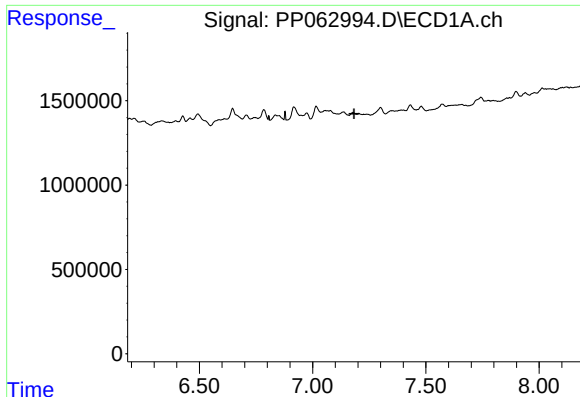
#30 AR-1254-5

R.T.: 7.743 min  
Delta R.T.: 0.018 min  
Response: 821355  
Conc: 8.82 ng/ml



#30 AR-1254-5

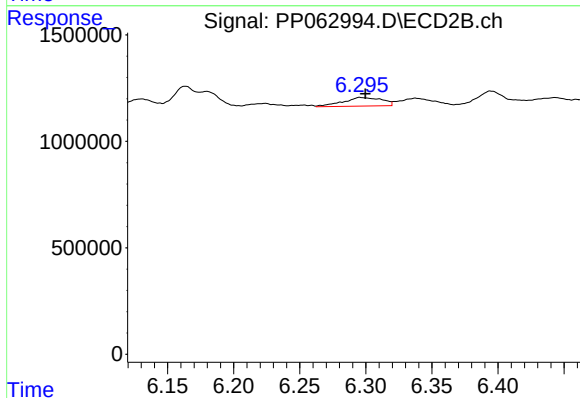
R.T.: 6.817 min  
Delta R.T.: -0.006 min  
Response: 1312488  
Conc: 6.47 ng/ml



#31 AR-1260-1

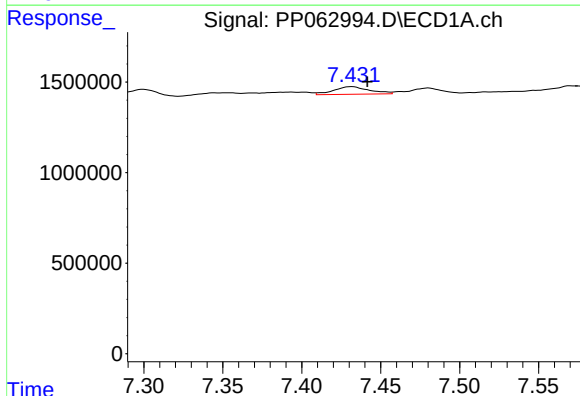
R.T.: 0.000 min  
Exp R.T.: 7.183 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



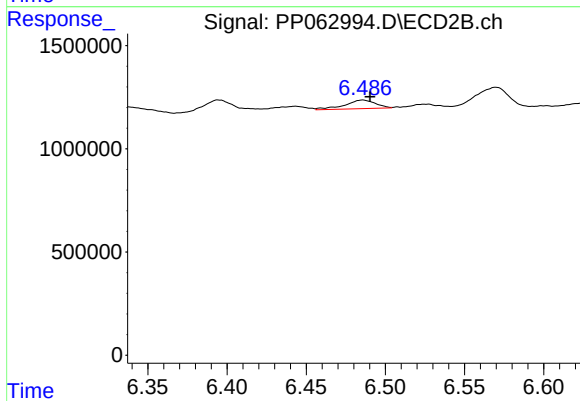
#31 AR-1260-1

R.T.: 6.295 min  
Delta R.T.: -0.004 min  
Response: 837570  
Conc: 4.97 ng/ml



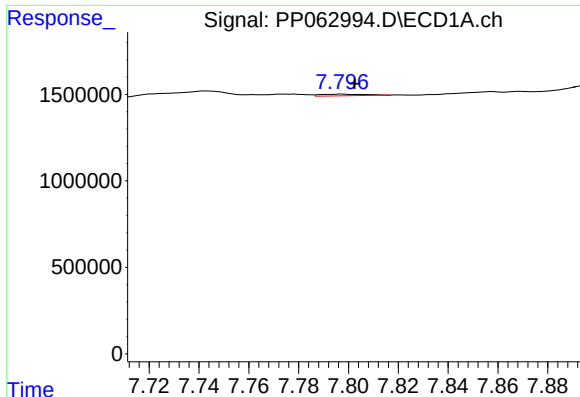
#32 AR-1260-2

R.T.: 7.432 min  
Delta R.T.: -0.010 min  
Response: 667532  
Conc: 5.91 ng/ml



#32 AR-1260-2

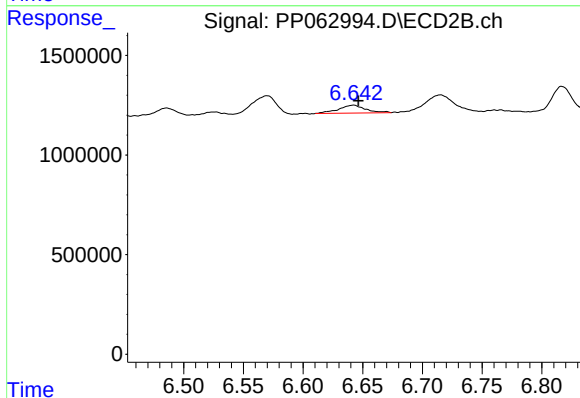
R.T.: 6.486 min  
Delta R.T.: -0.005 min  
Response: 562207  
Conc: 2.89 ng/ml



#33 AR-1260-3

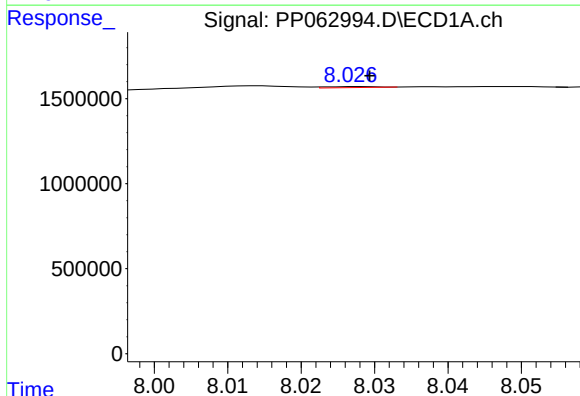
R.T.: 7.797 min  
Delta R.T.: -0.005 min  
Response: 120086  
Conc: 1.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



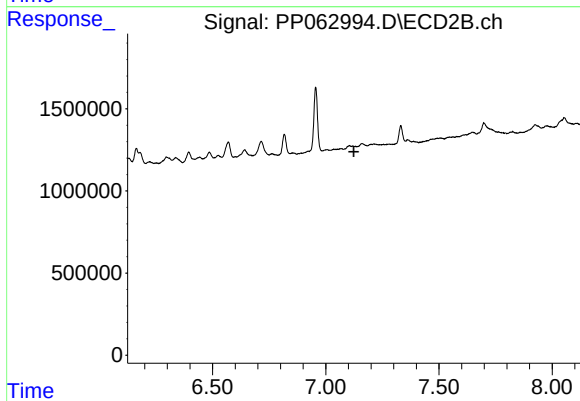
#33 AR-1260-3

R.T.: 6.643 min  
Delta R.T.: -0.004 min  
Response: 623080  
Conc: 3.37 ng/ml



#34 AR-1260-4

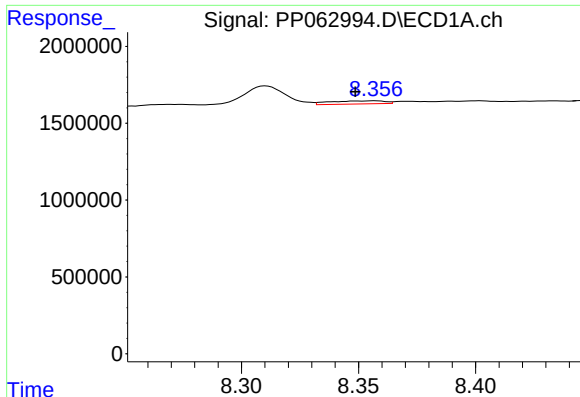
R.T.: 8.028 min  
Delta R.T.: -0.002 min  
Response: 28223  
Conc: 0.33 ng/ml



#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 7.124 min  
Response: 0  
Conc: N.D.

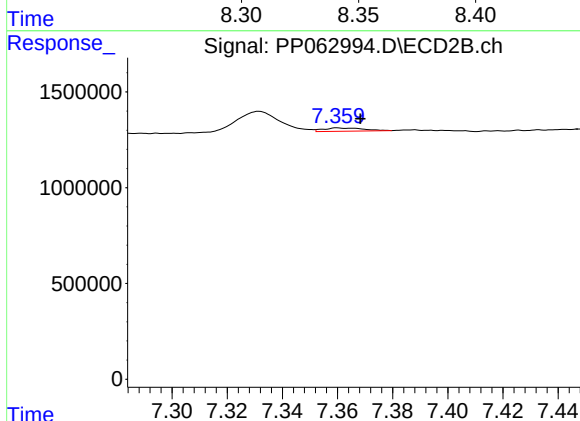




#35 AR-1260-5

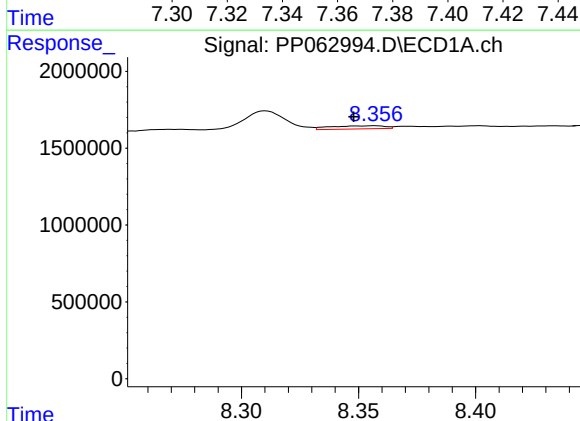
R.T.: 8.357 min  
Delta R.T.: 0.008 min  
Response: 327071  
Conc: 2.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



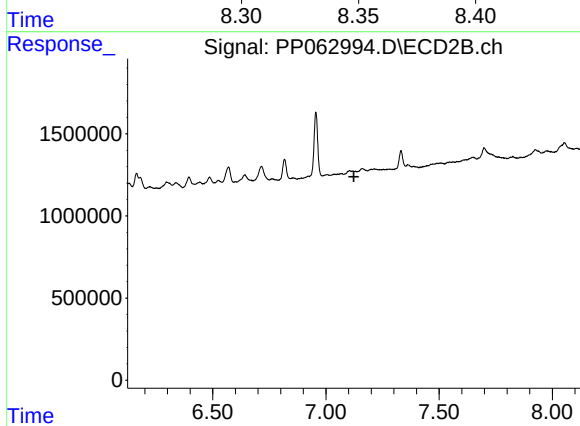
#35 AR-1260-5

R.T.: 7.360 min  
Delta R.T.: -0.008 min  
Response: 172100  
Conc: 0.54 ng/ml



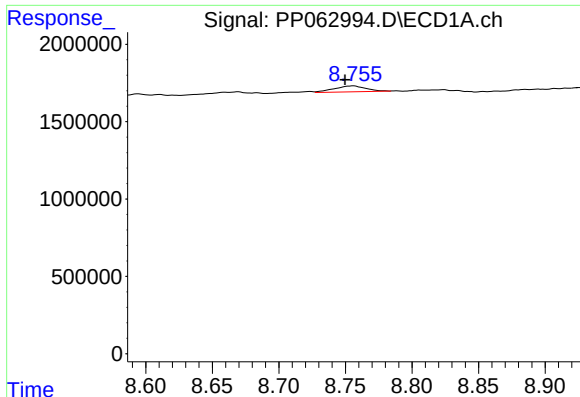
#37 AR-1262-2

R.T.: 8.357 min  
Delta R.T.: 0.009 min  
Response: 327071  
Conc: 1.65 ng/ml



#37 AR-1262-2

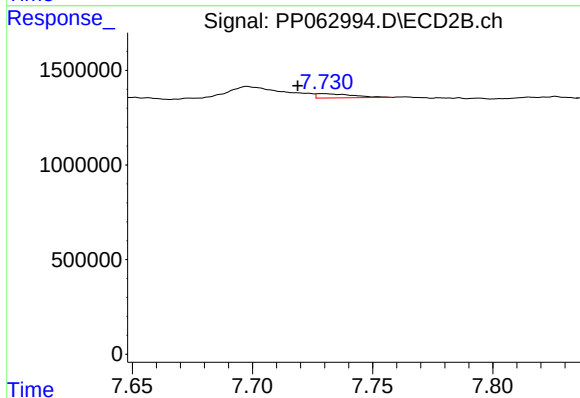
R.T.: 0.000 min  
Exp R.T.: 7.124 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

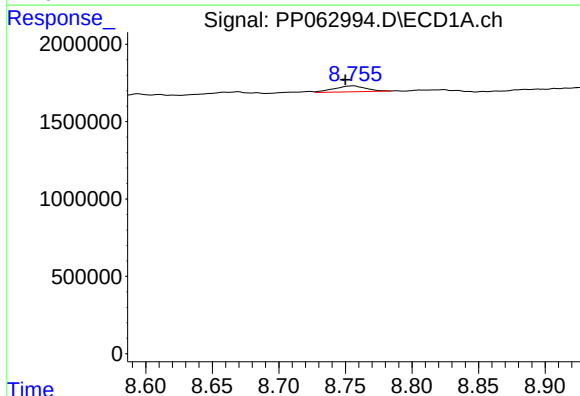
R.T.: 8.756 min  
Delta R.T.: 0.006 min  
Response: 642920  
Conc: 6.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



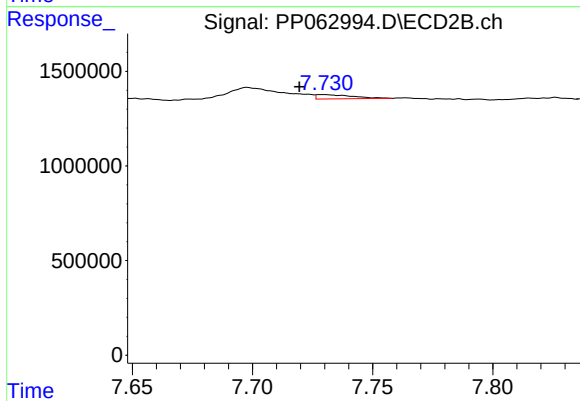
#39 AR-1262-4

R.T.: 7.730 min  
Delta R.T.: 0.011 min  
Response: 233577  
Conc: 0.88 ng/ml



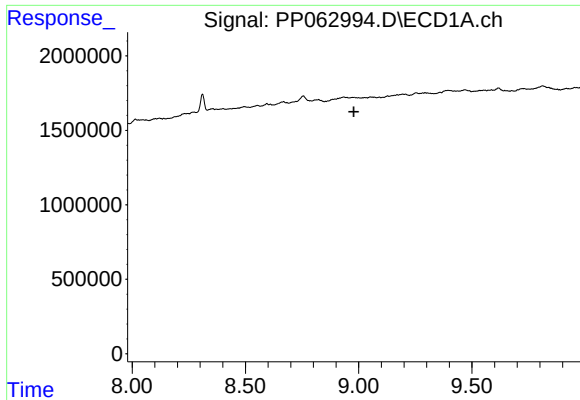
#42 AR-1268-2

R.T.: 8.756 min  
Delta R.T.: 0.006 min  
Response: 642920  
Conc: 3.22 ng/ml



#42 AR-1268-2

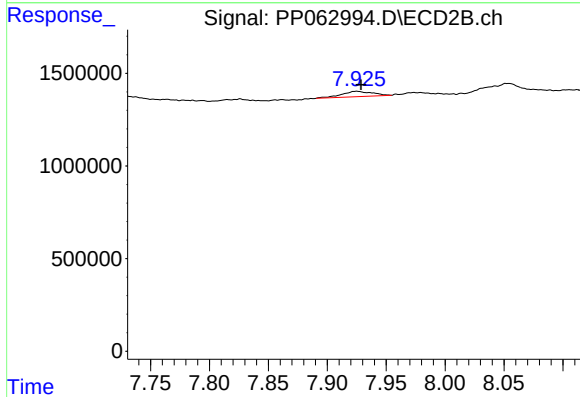
R.T.: 7.730 min  
Delta R.T.: 0.010 min  
Response: 233577  
Conc: 0.66 ng/ml



#43 AR-1268-3

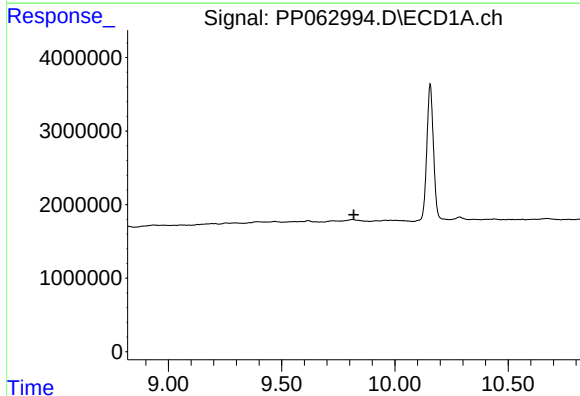
R.T.: 0.000 min  
Exp R.T.: 8.979 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
SU-02-011724



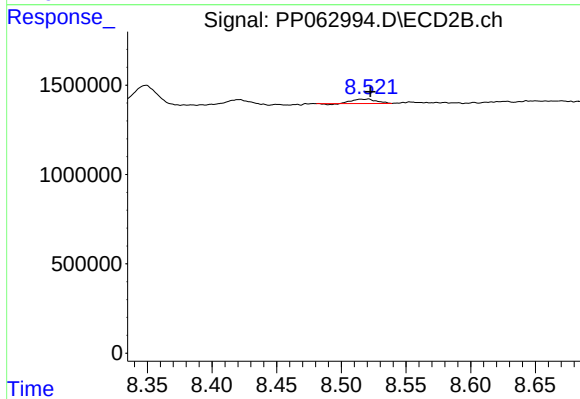
#43 AR-1268-3

R.T.: 7.925 min  
Delta R.T.: -0.004 min  
Response: 522680  
Conc: 1.69 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.819 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.521 min  
Delta R.T.: -0.001 min  
Response: 294214  
Conc: 0.35 ng/ml