

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP091624\  
 Data File : PP067168.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Sep 2024 13:52  
 Operator : YP\AJ  
 Sample : PB163369BL  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB163369BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 17 01:35:11 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP091224.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Sep 13 08:31:31 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... | 4.751  | 4.054  | 23531497 | 26242178 | 19.091 | 18.796   |
| 2)                          | SA Decachlor... | 10.653 | 9.227  | 27516662 | 24988432 | 21.130 | 18.843   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.861f | 5.212f | 52143    | 365535   | 1.194  | 7.788 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.212  | 0        | 365535   | N.D.   | 5.575 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.322f | 0        | 114401   | N.D.   | 3.078 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.415  | 0        | 182762   | N.D.   | 5.532 #  |
| 7)                          | L1 AR-1016-5    | 6.443f | 5.673f | 147121   | 73185    | 4.178  | 1.821 #  |
| 9)                          | L2 AR-1221-2    | 5.055  | 4.363  | 388974   | 400102   | 32.666 | 29.563   |
| 10)                         | L2 AR-1221-3    | 5.055f | 0.000  | 388974   | 0        | 10.592 | N.D. #   |
| 11)                         | L3 AR-1232-1    | 5.055f | 0.000  | 388974   | 0        | 12.802 | N.D. #   |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.212  | 0        | 365535   | N.D.   | 11.731 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.322f | 0        | 114401   | N.D.   | 6.735 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.415f | 0        | 182762   | N.D.   | 10.837 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.673f | 0        | 73185    | N.D.   | 4.205 #  |
| 16)                         | L4 AR-1242-1    | 5.861f | 5.212f | 52143    | 365535   | 1.516  | 10.039 # |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.212  | 0        | 365535   | N.D.   | 7.305 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.322f | 0        | 114401   | N.D.   | 3.948 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.415f | 0        | 182762   | N.D.   | 5.813 #  |
| 20)                         | L4 AR-1242-5    | 6.863  | 5.960  | 184815   | 290256   | 6.637  | 8.102    |
| 21)                         | L5 AR-1248-1    | 5.861f | 5.212f | 52143    | 365535   | 1.907  | 12.466 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.415  | 0        | 182762   | N.D.   | 4.162 #  |
| 23)                         | L5 AR-1248-3    | 6.443f | 5.415f | 147121   | 182762   | 3.058  | 3.977 #  |
| 24)                         | L5 AR-1248-4    | 6.763  | 5.673f | 110663   | 73185    | 2.206  | 1.387 #  |
| 25)                         | L5 AR-1248-5    | 6.863  | 6.003  | 184815   | 150898   | 3.677  | 3.280    |
| 26)                         | L6 AR-1254-1    | 6.763  | 6.003  | 110663   | 150898   | 1.971  | 2.052    |
| 27)                         | L6 AR-1254-2    | 6.963  | 6.104  | 2137796  | 132585   | 25.852 | 1.986 #  |
| 28)                         | L6 AR-1254-3    | 7.348  | 6.553  | 286551   | 131308   | 3.392  | 1.290 #  |
| 29)                         | L6 AR-1254-4    | 7.637  | 0.000  | 167862   | 0        | 2.908  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 7.994f | 0.000  | 133222   | 0        | 1.979  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.500  | 6.663  | 344670   | 71655    | 4.710  | 0.917 #  |
| 32)                         | L7 AR-1260-2    | 7.816f | 6.870  | 138365   | 23178    | 1.696  | 0.270 #  |
| 33)                         | L7 AR-1260-3    | 8.131  | 7.010  | 56127    | 119406   | 0.935  | 1.393 #  |
| 34)                         | L7 AR-1260-4    | 8.390  | 0.000  | 206525   | 0        | 2.925  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.778f | 0        | 1048391  | N.D.   | 7.887 #  |
| 36)                         | L8 AR-1262-1    | 8.345  | 0.000  | 241937   | 0        | 2.689  | N.D. #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.302  | 0        | 2032716  | N.D.   | 13.565 # |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.934  | 0        | 174487   | N.D.   | 0.440 #  |
| -----                       |                 |        |        |          |          |        |          |

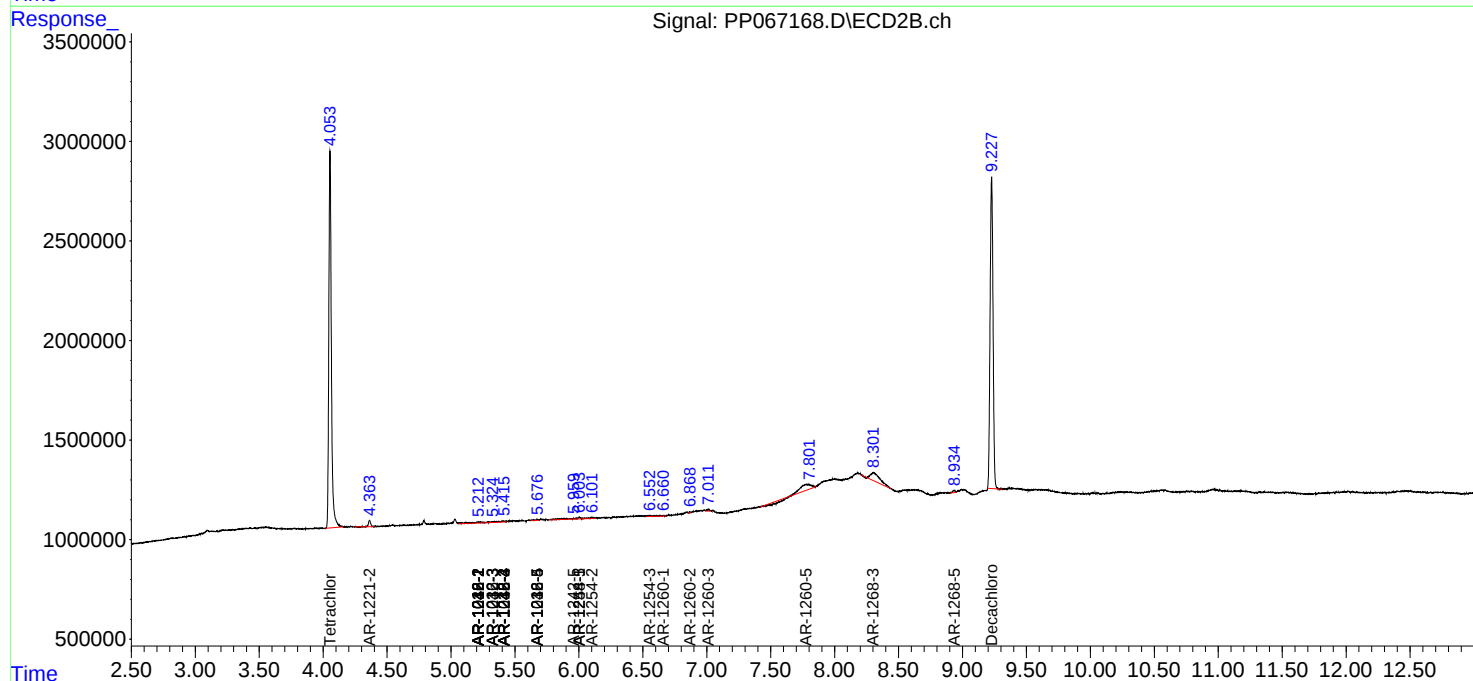
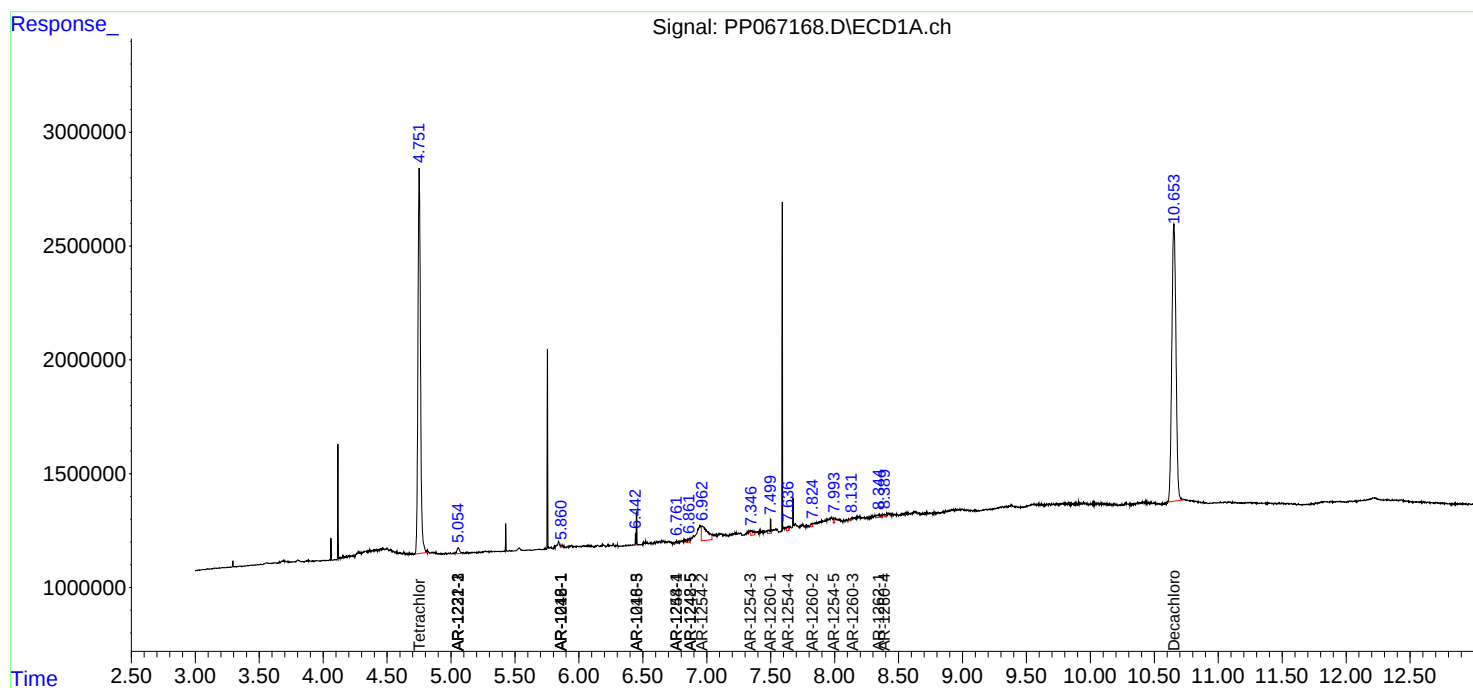
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

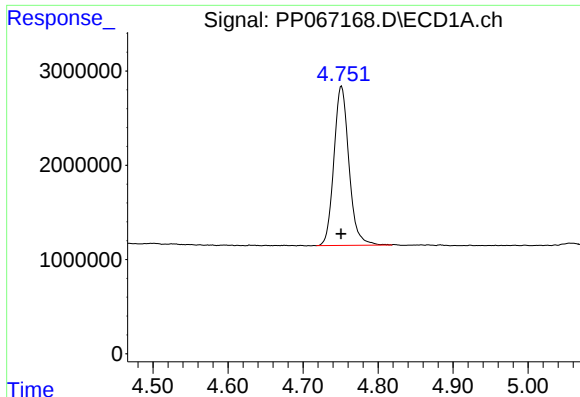
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP091624\  
Data File : PP067168.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Sep 2024 13:52  
Operator : YP\AJ  
Sample : PB163369BL  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 17 01:35:11 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP091224.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Sep 13 08:31:31 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

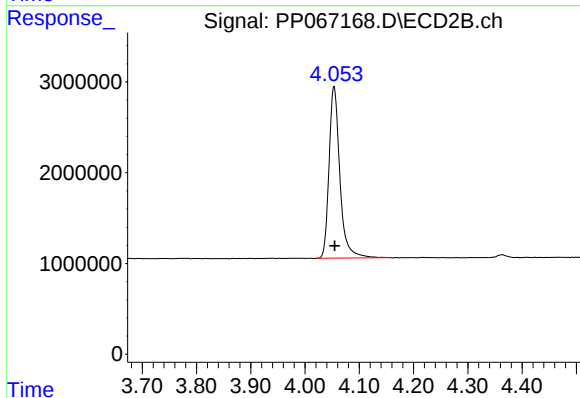




#1 Tetrachloro-m-xylene

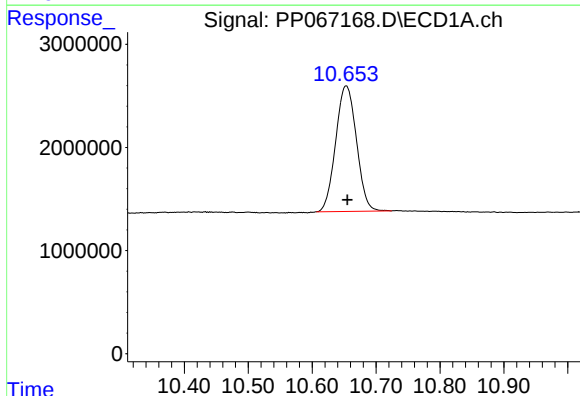
R.T.: 4.751 min  
Delta R.T.: 0.000 min  
Response: 23531497  
Conc: 19.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



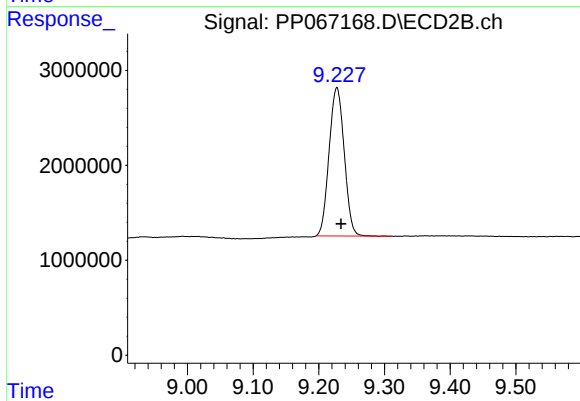
#1 Tetrachloro-m-xylene

R.T.: 4.054 min  
Delta R.T.: -0.001 min  
Response: 26242178  
Conc: 18.80 ng/ml



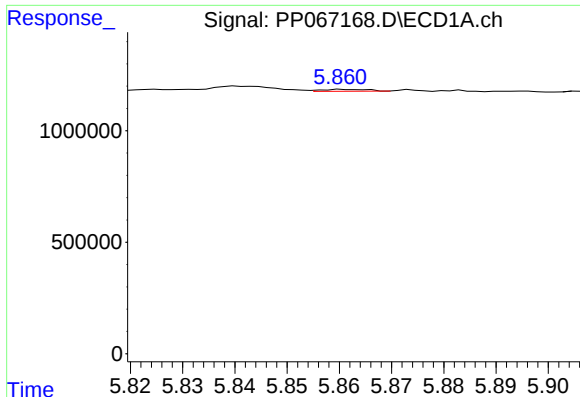
#2 Decachlorobiphenyl

R.T.: 10.653 min  
Delta R.T.: -0.001 min  
Response: 27516662  
Conc: 21.13 ng/ml



#2 Decachlorobiphenyl

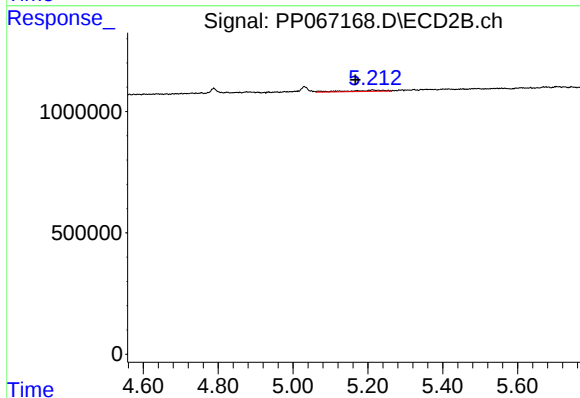
R.T.: 9.227 min  
Delta R.T.: -0.006 min  
Response: 24988432  
Conc: 18.84 ng/ml



#3 AR-1016-1

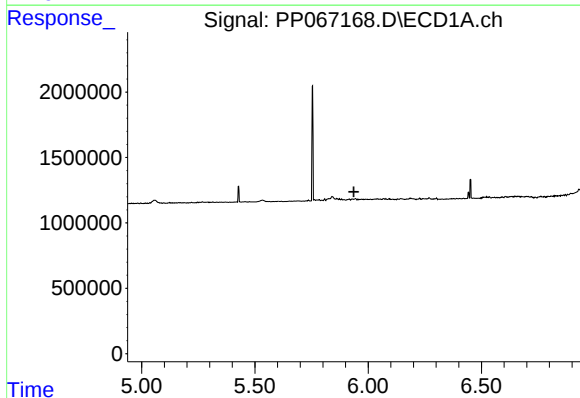
R.T.: 5.861 min  
Delta R.T.: -0.054 min  
Response: 52143  
Conc: 1.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



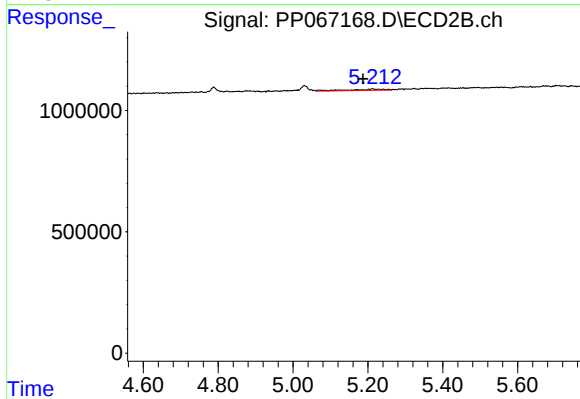
#3 AR-1016-1

R.T.: 5.212 min  
Delta R.T.: 0.046 min  
Response: 365535  
Conc: 7.79 ng/ml



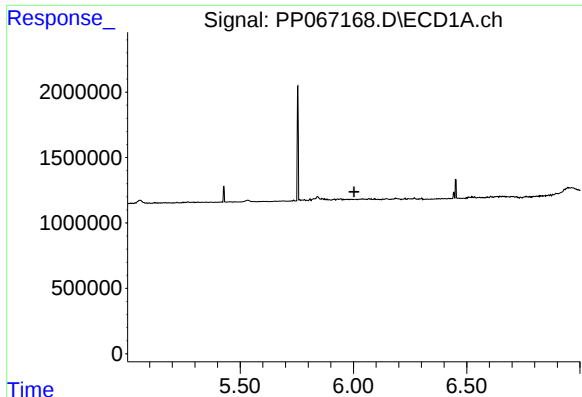
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.937 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

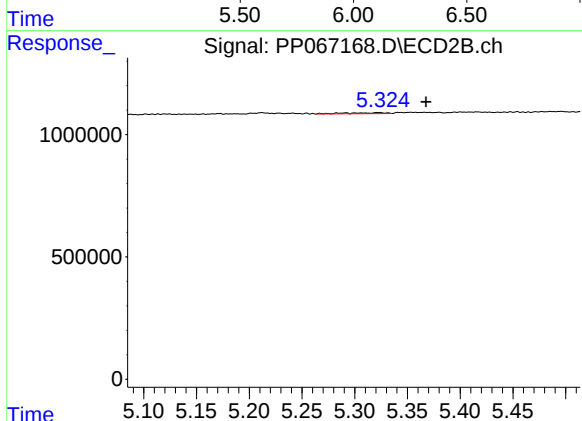
R.T.: 5.212 min  
Delta R.T.: 0.025 min  
Response: 365535  
Conc: 5.57 ng/ml



#5 AR-1016-3

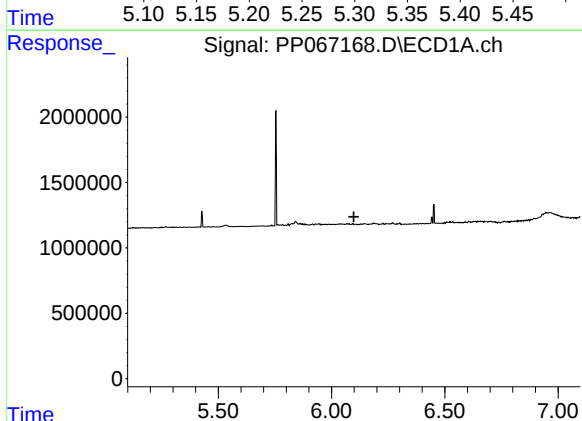
R.T.: 0.000 min  
Exp R.T.: 6.002 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



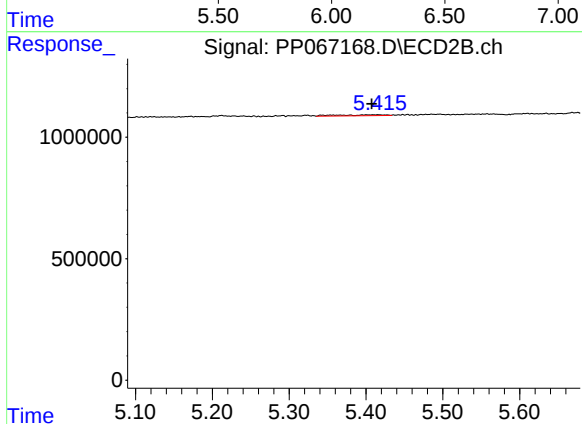
#5 AR-1016-3

R.T.: 5.322 min  
Delta R.T.: -0.045 min  
Response: 114401  
Conc: 3.08 ng/ml



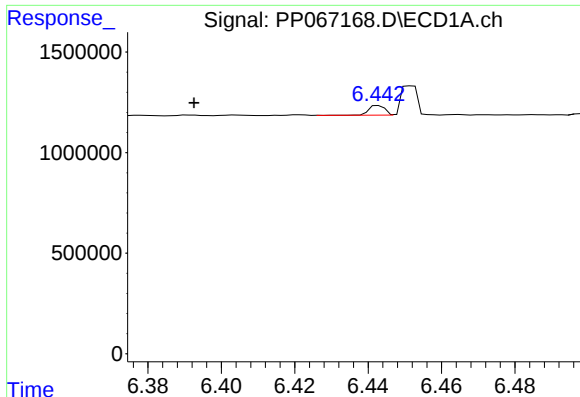
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 6.098 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

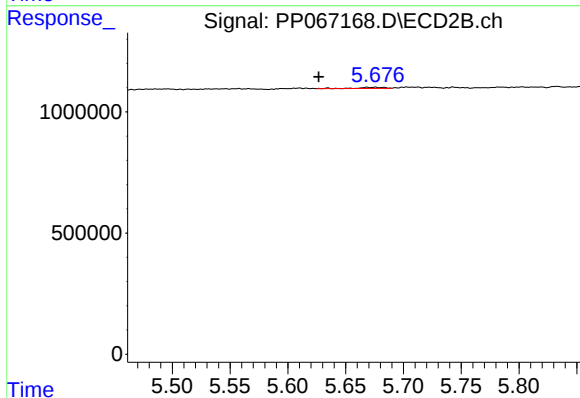
R.T.: 5.415 min  
Delta R.T.: 0.008 min  
Response: 182762  
Conc: 5.53 ng/ml



#7 AR-1016-5

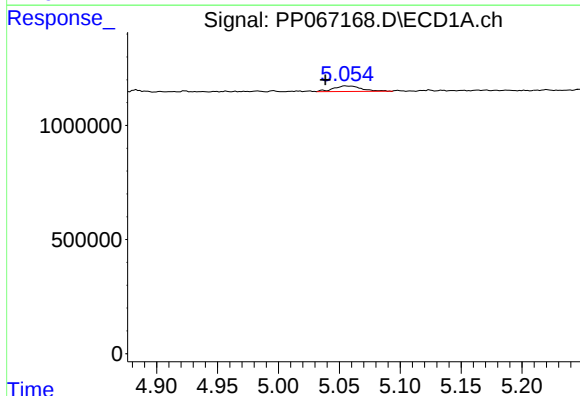
R.T.: 6.443 min  
Delta R.T.: 0.050 min  
Response: 147121  
Conc: 4.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



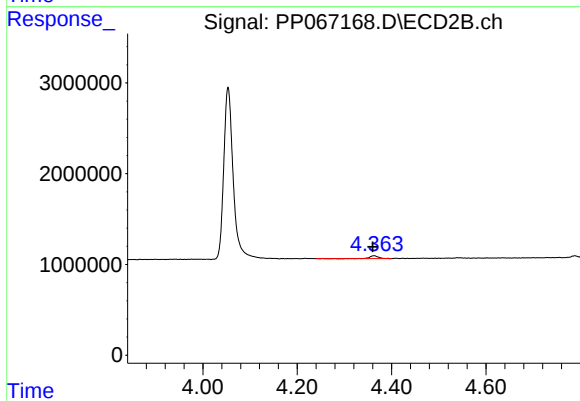
#7 AR-1016-5

R.T.: 5.673 min  
Delta R.T.: 0.046 min  
Response: 73185  
Conc: 1.82 ng/ml



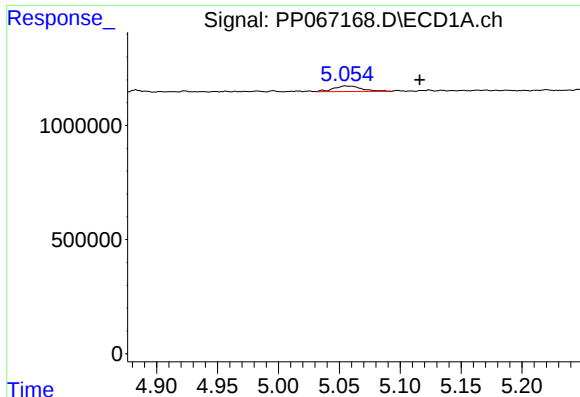
#9 AR-1221-2

R.T.: 5.055 min  
Delta R.T.: 0.016 min  
Response: 388974  
Conc: 32.67 ng/ml



#9 AR-1221-2

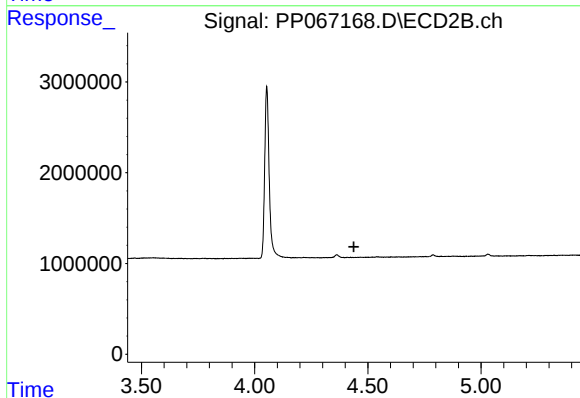
R.T.: 4.363 min  
Delta R.T.: 0.002 min  
Response: 400102  
Conc: 29.56 ng/ml



#10 AR-1221-3

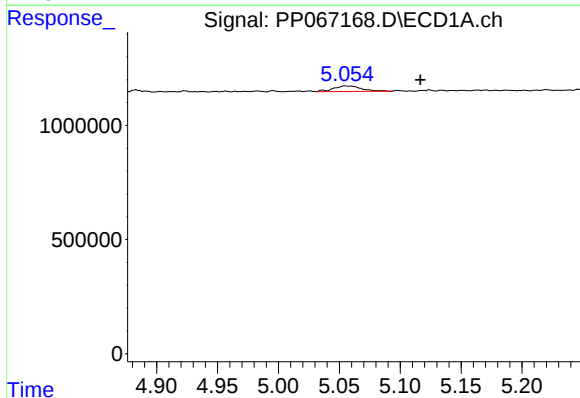
R.T.: 5.055 min  
Delta R.T.: -0.061 min  
Response: 388974  
Conc: 10.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



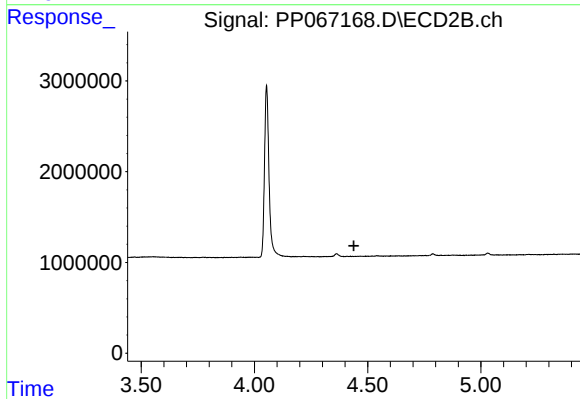
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.439 min  
Response: 0  
Conc: N.D.



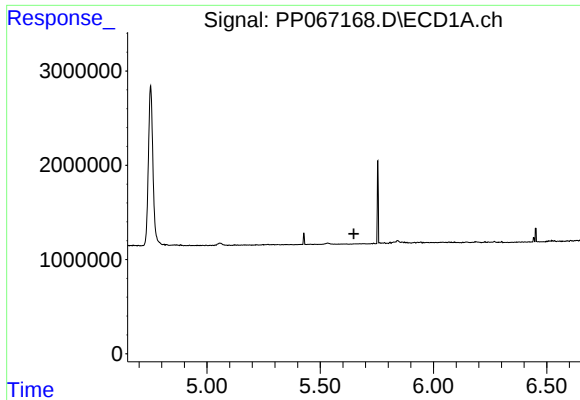
#11 AR-1232-1

R.T.: 5.055 min  
Delta R.T.: -0.061 min  
Response: 388974  
Conc: 12.80 ng/ml



#11 AR-1232-1

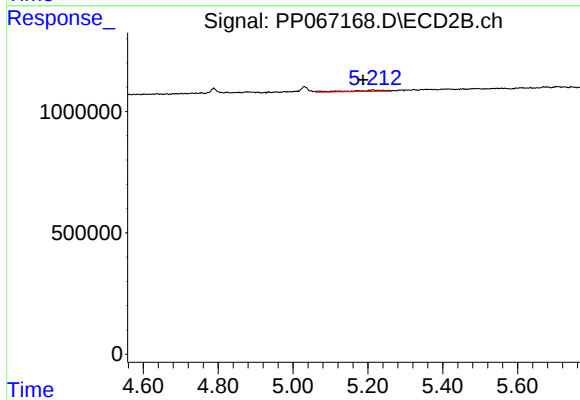
R.T.: 0.000 min  
Exp R.T. : 4.439 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

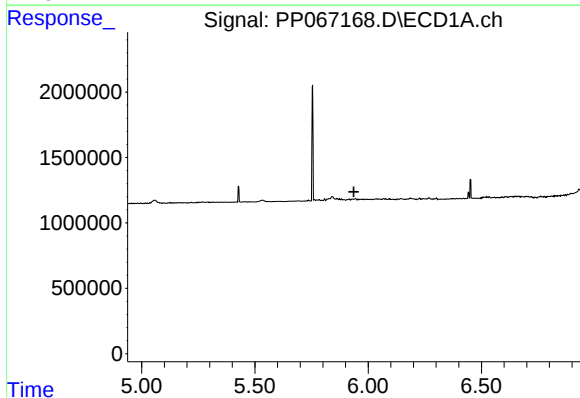
R.T.: 0.000 min  
Exp R.T.: 5.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



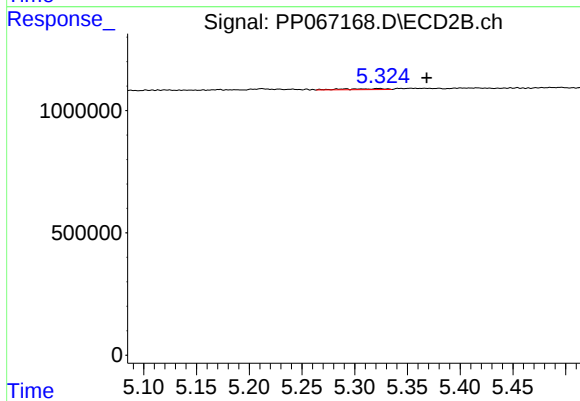
#12 AR-1232-2

R.T.: 5.212 min  
Delta R.T.: 0.025 min  
Response: 365535  
Conc: 11.73 ng/ml



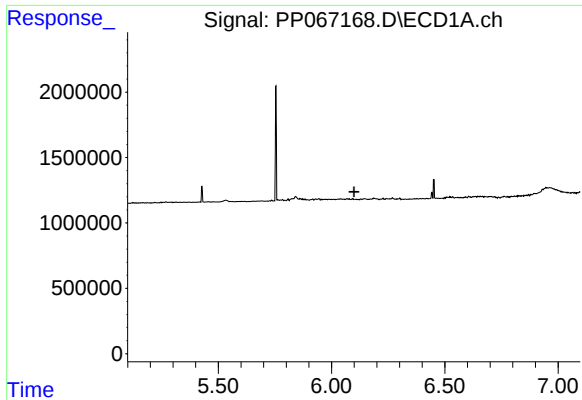
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.937 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

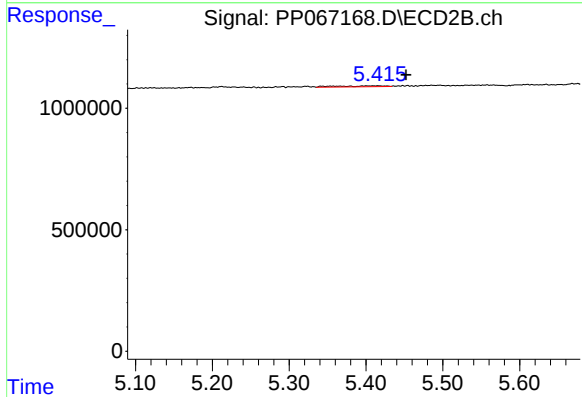
R.T.: 5.322 min  
Delta R.T.: -0.046 min  
Response: 114401  
Conc: 6.73 ng/ml



#14 AR-1232-4

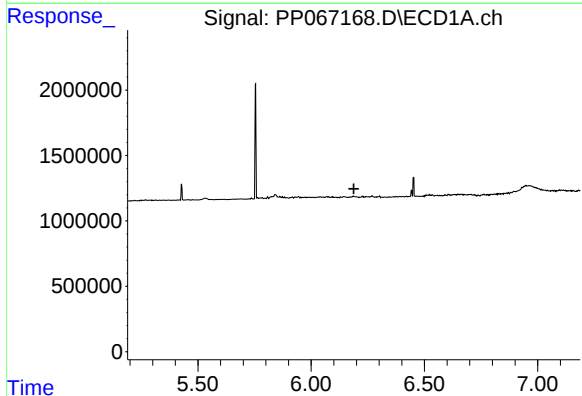
R.T.: 0.000 min  
Exp R.T.: 6.099 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



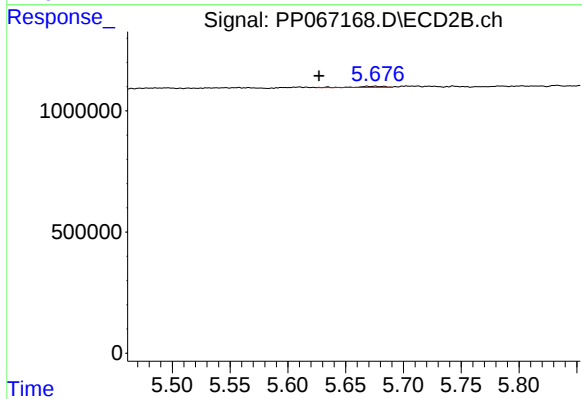
#14 AR-1232-4

R.T.: 5.415 min  
Delta R.T.: -0.037 min  
Response: 182762  
Conc: 10.84 ng/ml



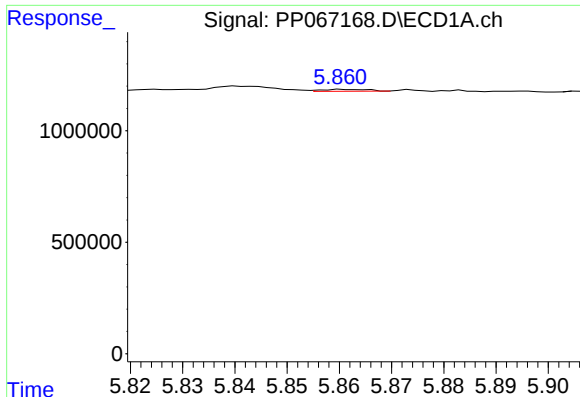
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 6.188 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

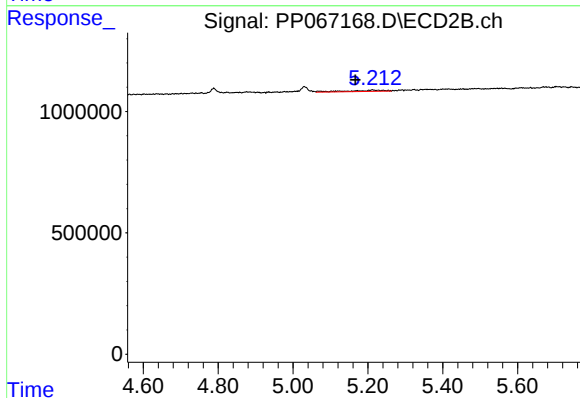
R.T.: 5.673 min  
Delta R.T.: 0.046 min  
Response: 73185  
Conc: 4.20 ng/ml



#16 AR-1242-1

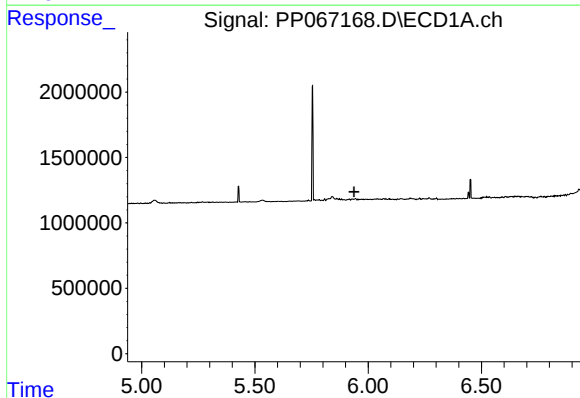
R.T.: 5.861 min  
Delta R.T.: -0.054 min  
Response: 52143  
Conc: 1.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



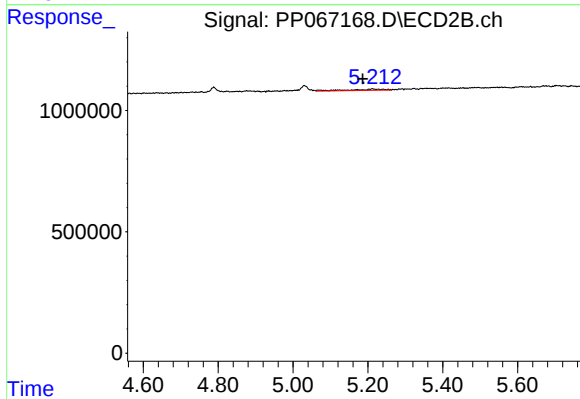
#16 AR-1242-1

R.T.: 5.212 min  
Delta R.T.: 0.046 min  
Response: 365535  
Conc: 10.04 ng/ml



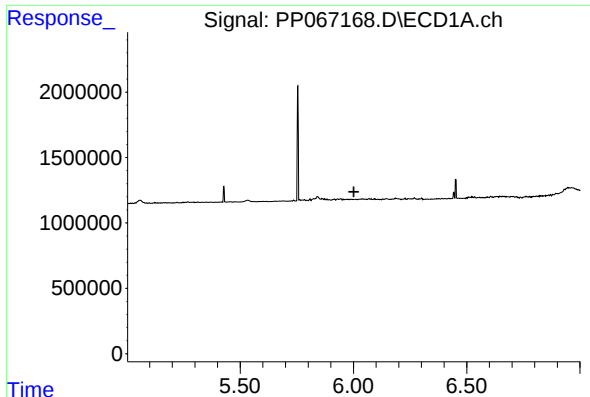
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.937 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

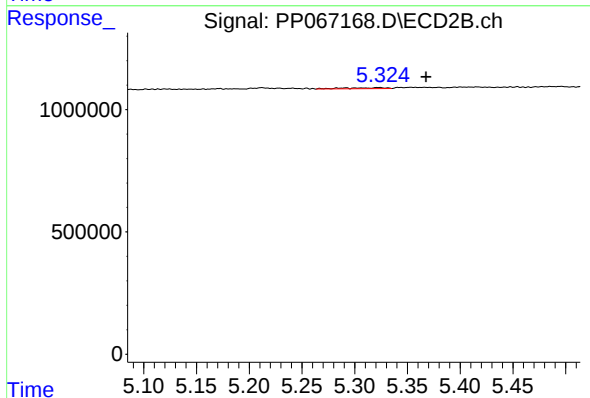
R.T.: 5.212 min  
Delta R.T.: 0.026 min  
Response: 365535  
Conc: 7.31 ng/ml



#18 AR-1242-3

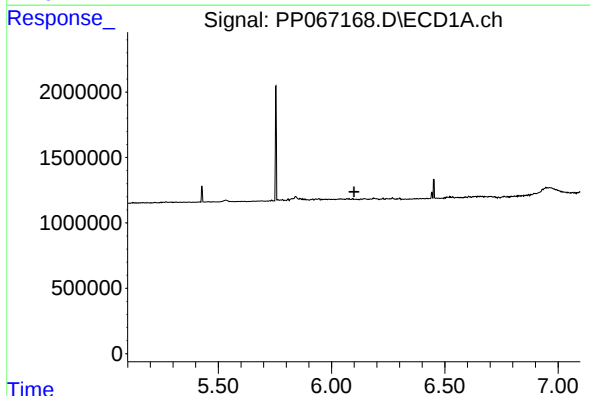
R.T.: 0.000 min  
Exp R.T.: 6.001 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



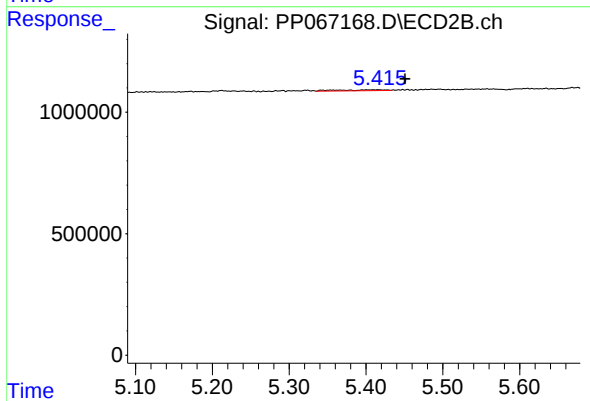
#18 AR-1242-3

R.T.: 5.322 min  
Delta R.T.: -0.045 min  
Response: 114401  
Conc: 3.95 ng/ml



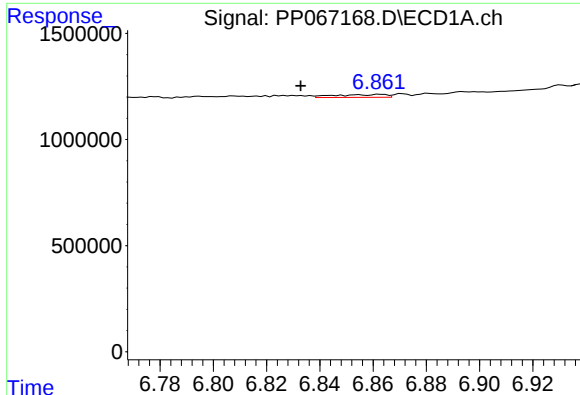
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 6.099 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

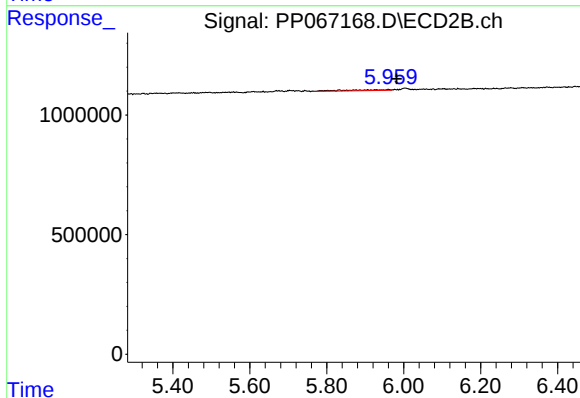
R.T.: 5.415 min  
Delta R.T.: -0.036 min  
Response: 182762  
Conc: 5.81 ng/ml



#20 AR-1242-5

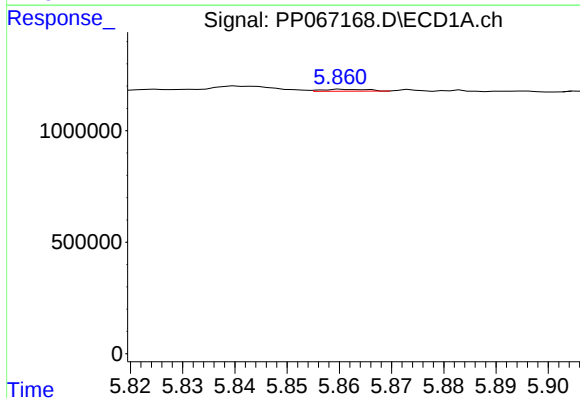
R.T.: 6.863 min  
Delta R.T.: 0.030 min  
Response: 184815  
Conc: 6.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



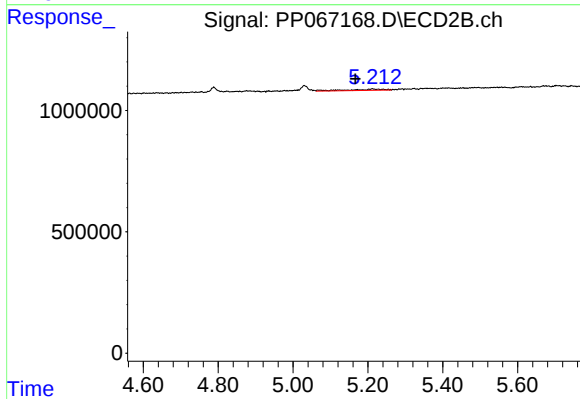
#20 AR-1242-5

R.T.: 5.960 min  
Delta R.T.: -0.021 min  
Response: 290256  
Conc: 8.10 ng/ml



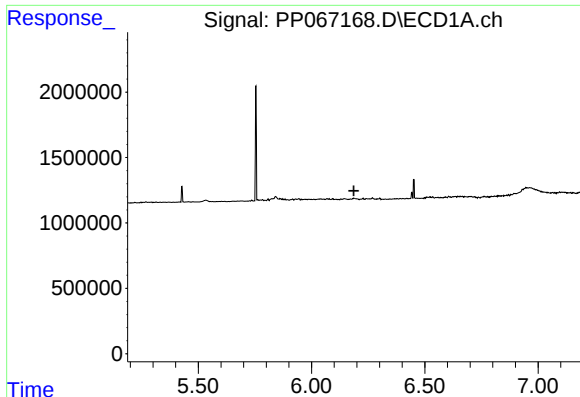
#21 AR-1248-1

R.T.: 5.861 min  
Delta R.T.: -0.053 min  
Response: 52143  
Conc: 1.91 ng/ml



#21 AR-1248-1

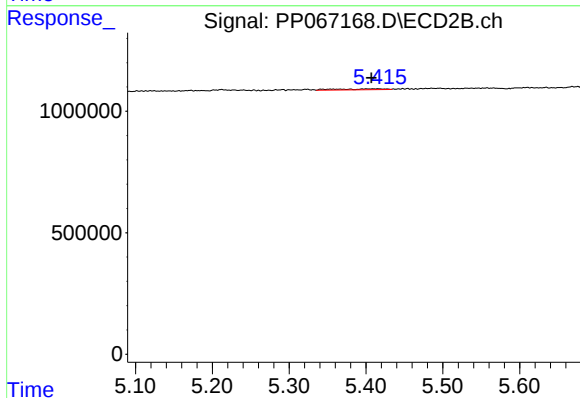
R.T.: 5.212 min  
Delta R.T.: 0.046 min  
Response: 365535  
Conc: 12.47 ng/ml



#22 AR-1248-2

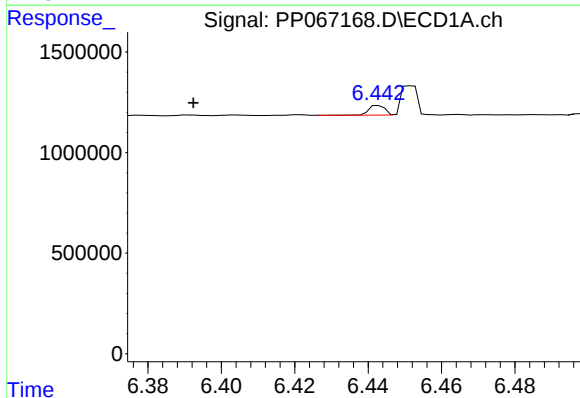
R.T.: 0.000 min  
Exp R.T.: 6.187 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



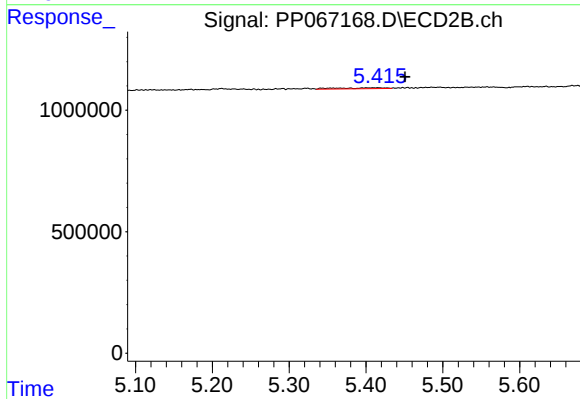
#22 AR-1248-2

R.T.: 5.415 min  
Delta R.T.: 0.008 min  
Response: 182762  
Conc: 4.16 ng/ml



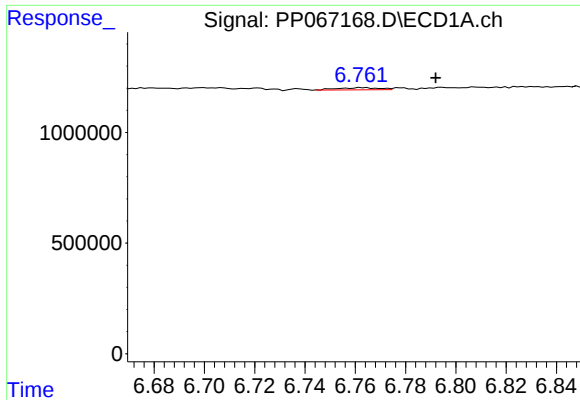
#23 AR-1248-3

R.T.: 6.443 min  
Delta R.T.: 0.051 min  
Response: 147121  
Conc: 3.06 ng/ml



#23 AR-1248-3

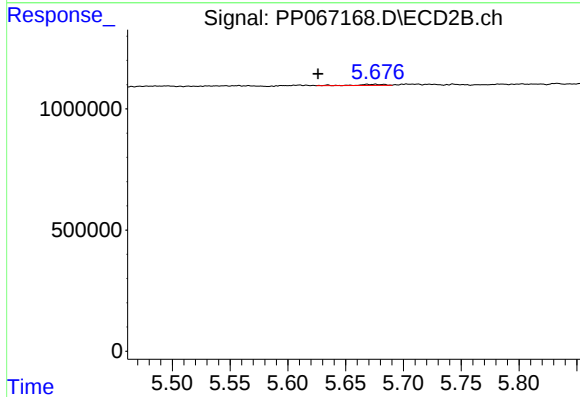
R.T.: 5.415 min  
Delta R.T.: -0.036 min  
Response: 182762  
Conc: 3.98 ng/ml



#24 AR-1248-4

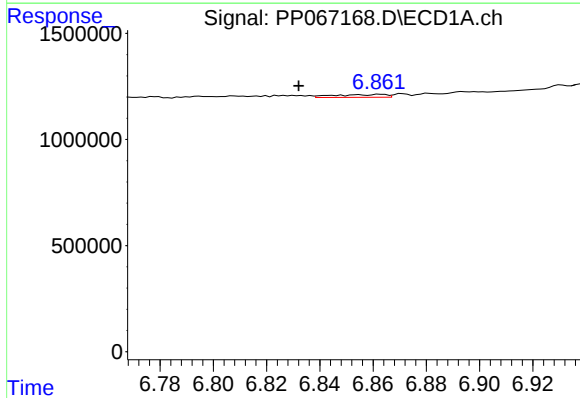
R.T.: 6.763 min  
Delta R.T.: -0.029 min  
Response: 110663  
Conc: 2.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



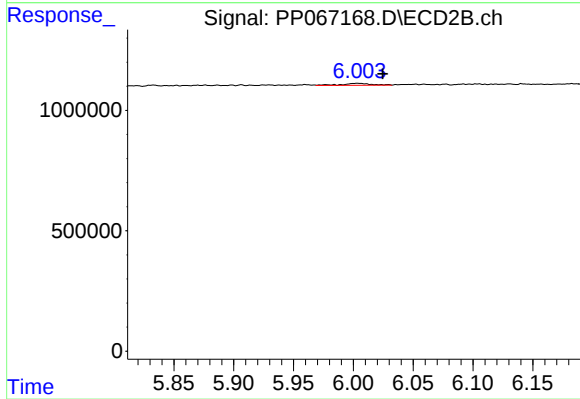
#24 AR-1248-4

R.T.: 5.673 min  
Delta R.T.: 0.046 min  
Response: 73185  
Conc: 1.39 ng/ml



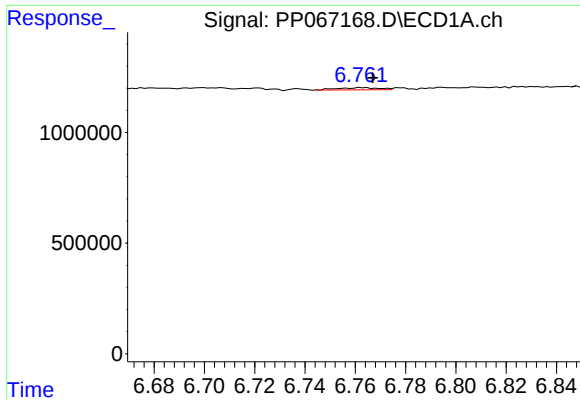
#25 AR-1248-5

R.T.: 6.863 min  
Delta R.T.: 0.031 min  
Response: 184815  
Conc: 3.68 ng/ml



#25 AR-1248-5

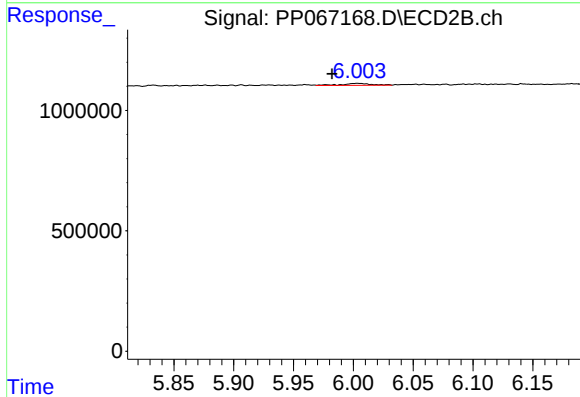
R.T.: 6.003 min  
Delta R.T.: -0.021 min  
Response: 150898  
Conc: 3.28 ng/ml



#26 AR-1254-1

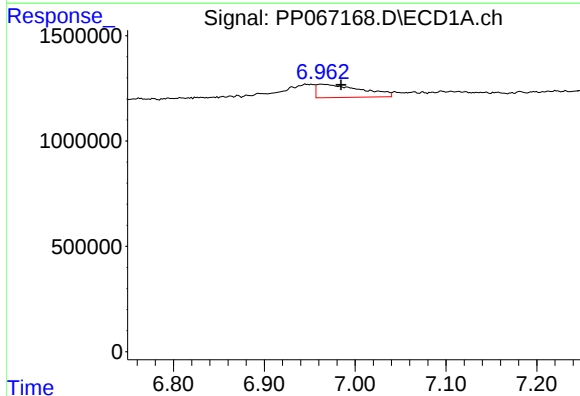
R.T.: 6.763 min  
Delta R.T.: -0.004 min  
Response: 110663  
Conc: 1.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



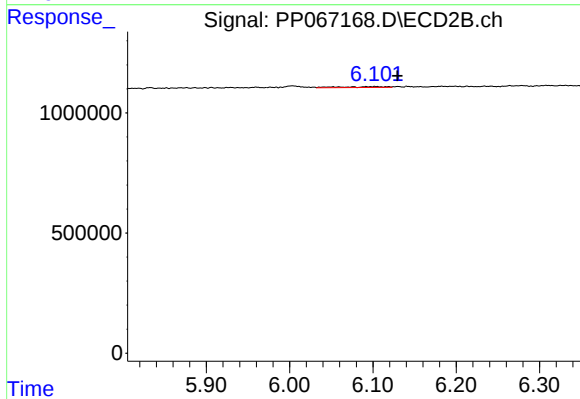
#26 AR-1254-1

R.T.: 6.003 min  
Delta R.T.: 0.021 min  
Response: 150898  
Conc: 2.05 ng/ml



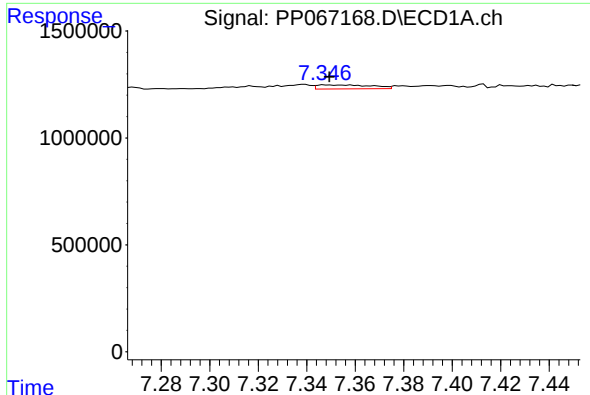
#27 AR-1254-2

R.T.: 6.963 min  
Delta R.T.: -0.022 min  
Response: 2137796  
Conc: 25.85 ng/ml



#27 AR-1254-2

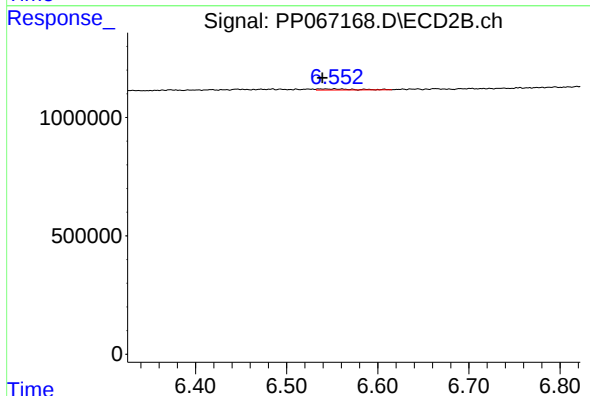
R.T.: 6.104 min  
Delta R.T.: -0.026 min  
Response: 132585  
Conc: 1.99 ng/ml



#28 AR-1254-3

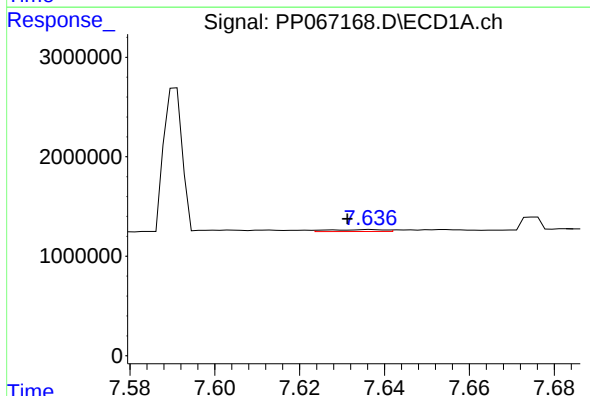
R.T.: 7.348 min  
Delta R.T.: -0.001 min  
Response: 286551  
Conc: 3.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



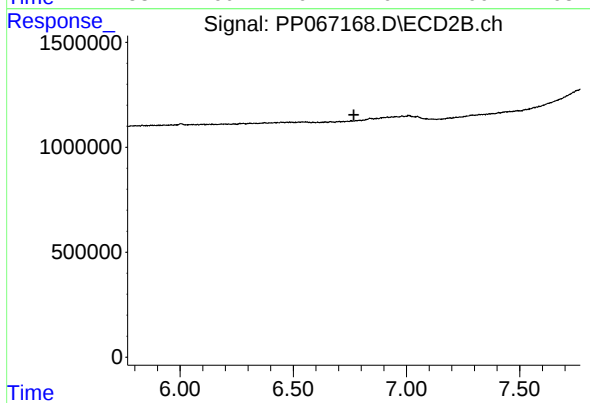
#28 AR-1254-3

R.T.: 6.553 min  
Delta R.T.: 0.014 min  
Response: 131308  
Conc: 1.29 ng/ml



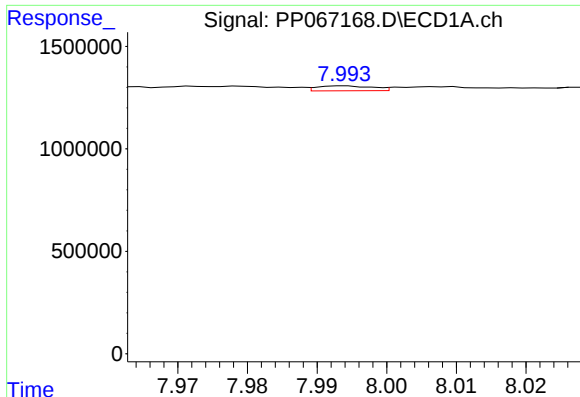
#29 AR-1254-4

R.T.: 7.637 min  
Delta R.T.: 0.006 min  
Response: 167862  
Conc: 2.91 ng/ml



#29 AR-1254-4

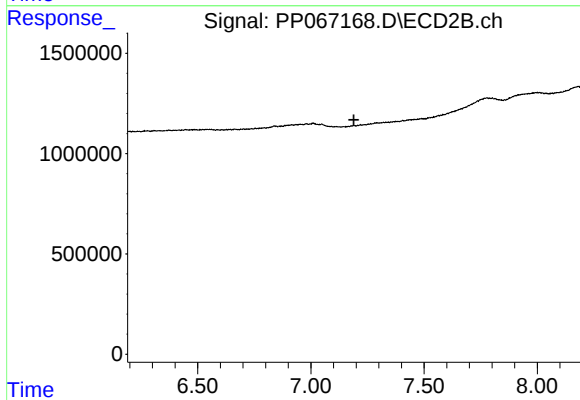
R.T.: 0.000 min  
Exp R.T.: 6.768 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

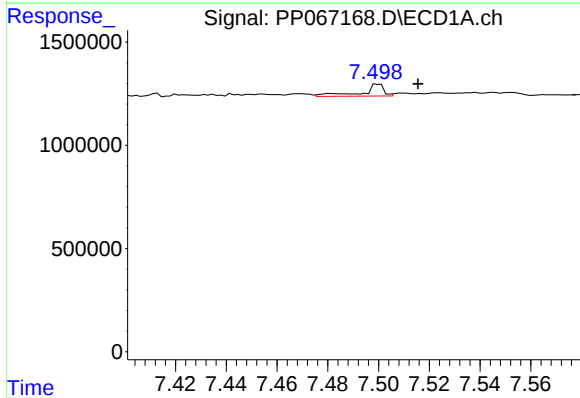
R.T.: 7.994 min  
Delta R.T.: -0.055 min  
Response: 133222  
Conc: 1.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



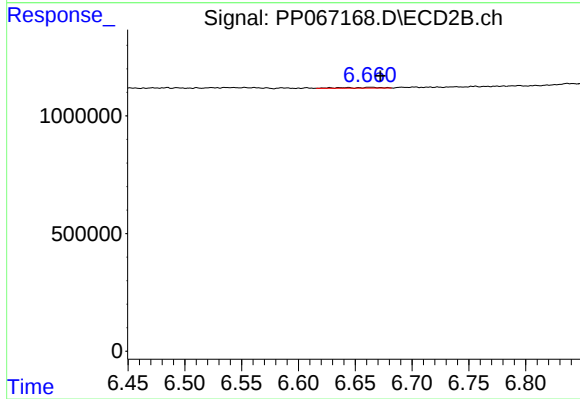
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.190 min  
Response: 0  
Conc: N.D.



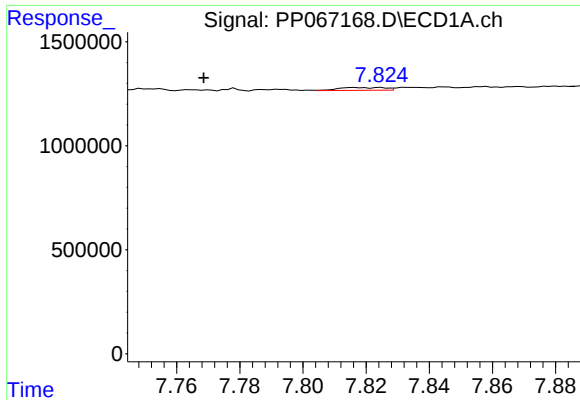
#31 AR-1260-1

R.T.: 7.500 min  
Delta R.T.: -0.016 min  
Response: 344670  
Conc: 4.71 ng/ml



#31 AR-1260-1

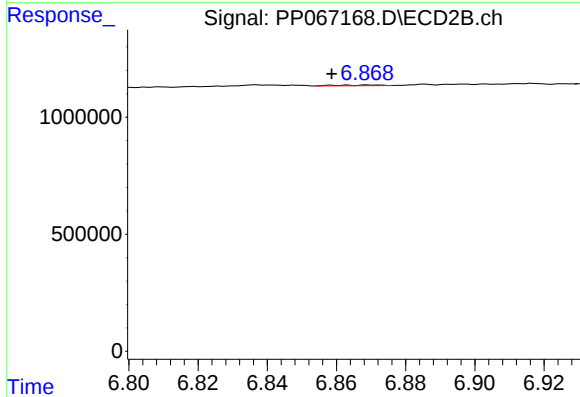
R.T.: 6.663 min  
Delta R.T.: -0.009 min  
Response: 71655  
Conc: 0.92 ng/ml



#32 AR-1260-2

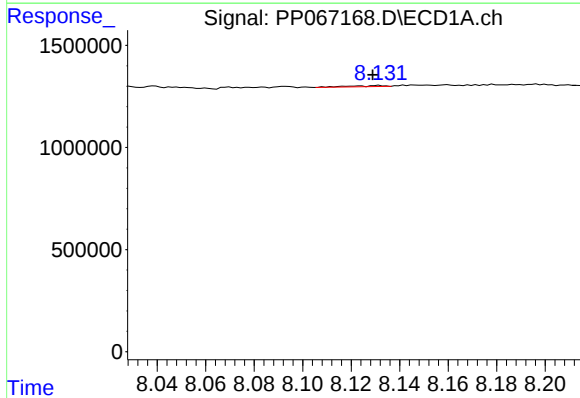
R.T.: 7.816 min  
Delta R.T.: 0.048 min  
Response: 138365  
Conc: 1.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



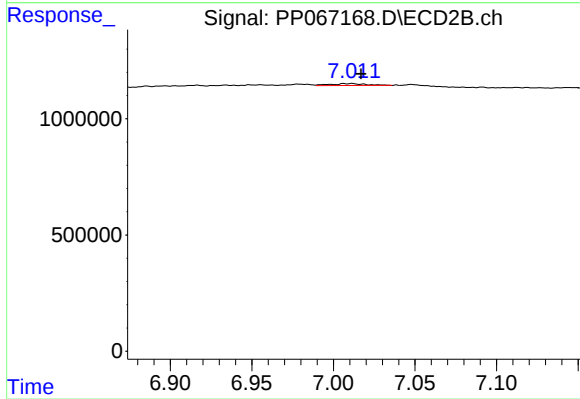
#32 AR-1260-2

R.T.: 6.870 min  
Delta R.T.: 0.012 min  
Response: 23178  
Conc: 0.27 ng/ml



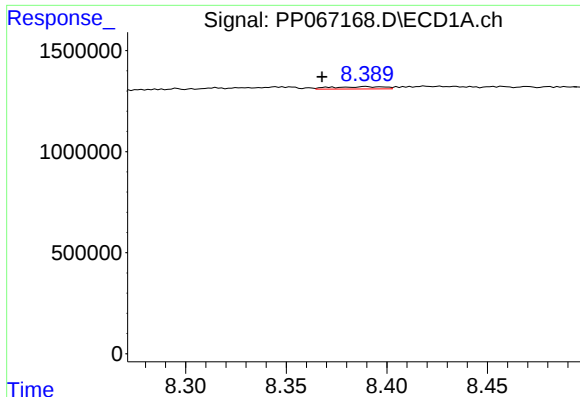
#33 AR-1260-3

R.T.: 8.131 min  
Delta R.T.: 0.002 min  
Response: 56127  
Conc: 0.93 ng/ml



#33 AR-1260-3

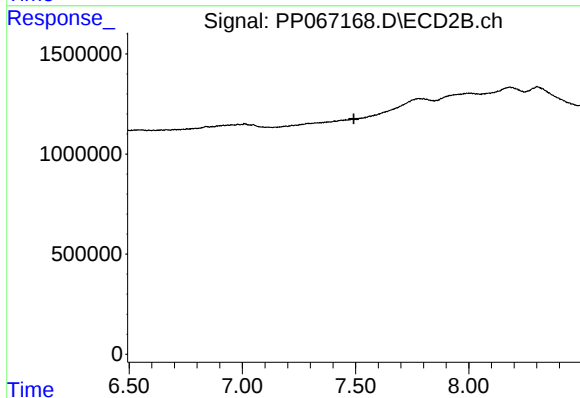
R.T.: 7.010 min  
Delta R.T.: -0.007 min  
Response: 119406  
Conc: 1.39 ng/ml



#34 AR-1260-4

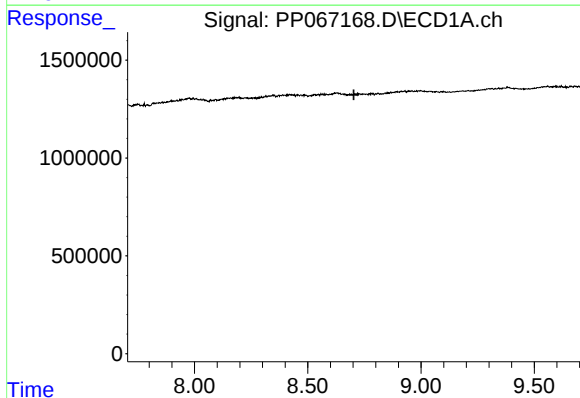
R.T.: 8.390 min  
Delta R.T.: 0.022 min  
Response: 206525  
Conc: 2.92 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



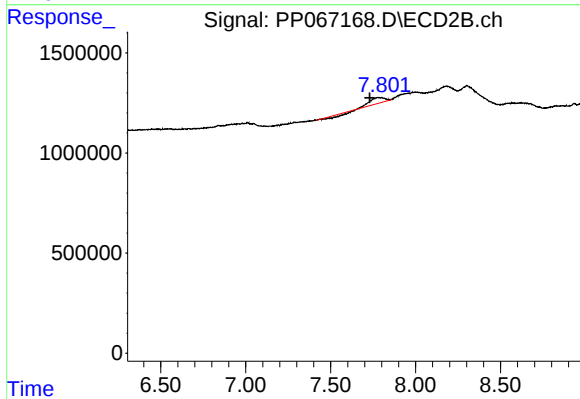
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.492 min  
Response: 0  
Conc: N.D.



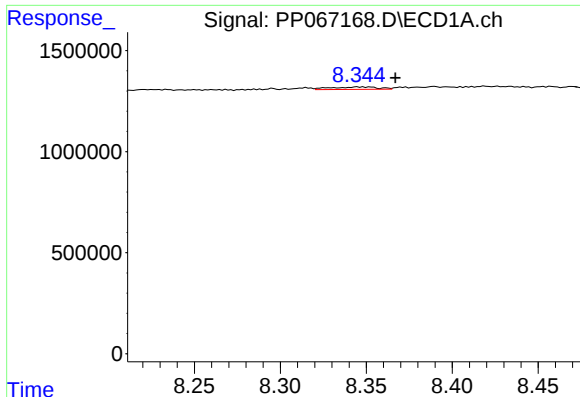
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.704 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

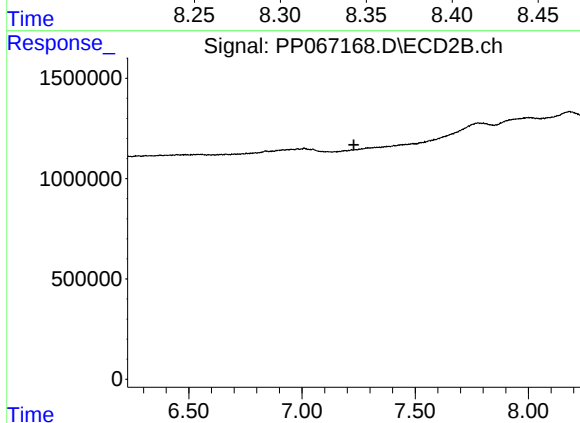
R.T.: 7.778 min  
Delta R.T.: 0.047 min  
Response: 1048391  
Conc: 7.89 ng/ml



#36 AR-1262-1

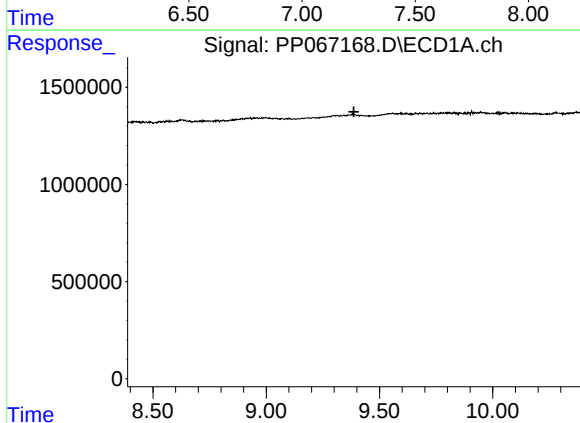
R.T.: 8.345 min  
Delta R.T.: -0.022 min  
Response: 241937  
Conc: 2.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



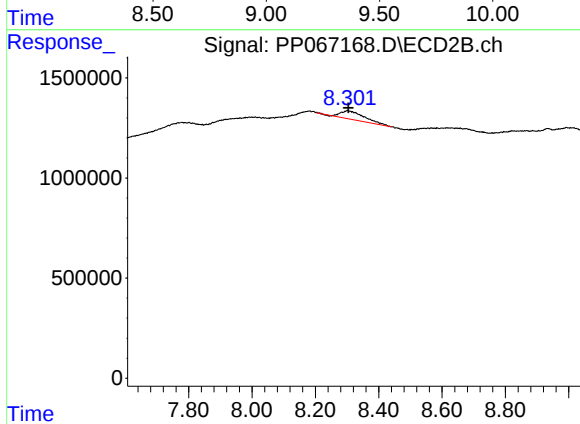
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.229 min  
Response: 0  
Conc: N.D.



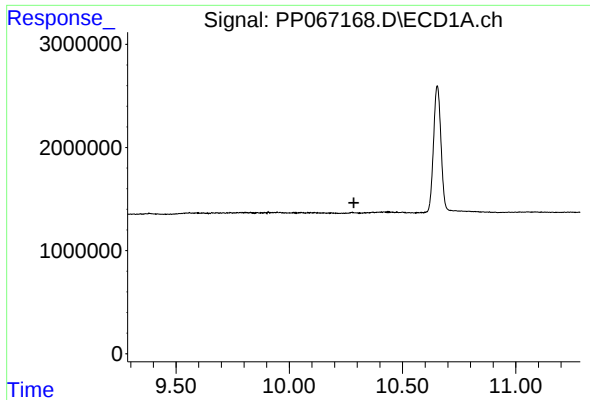
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 9.387 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

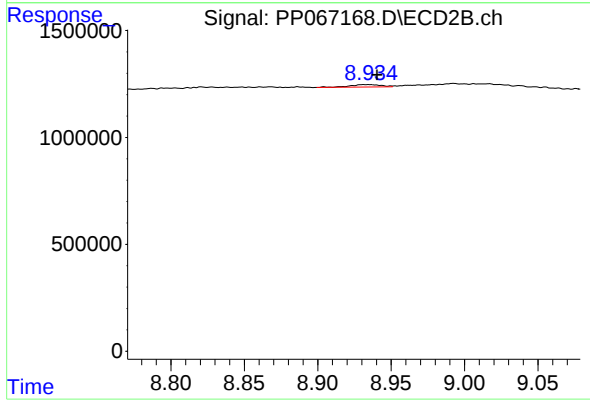
R.T.: 8.302 min  
Delta R.T.: -0.002 min  
Response: 2032716  
Conc: 13.56 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.285 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
PB163369BL



#45 AR-1268-5

R.T.: 8.934 min  
Delta R.T.: -0.007 min  
Response: 174487  
Conc: 0.44 ng/ml