

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061224\  
 Data File : PP065613.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jun 2024 14:54  
 Operator : YP\AJ  
 Sample : P2847-08  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 EXT-PE4

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 01:29:59 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP060524.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jun 06 05:25:59 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... | 4.824  | 4.069  | 27399759 | 40169146 | 14.444  | 14.386   |
| 2)                          | SA Decachlor... | 10.837 | 9.254  | 28085595 | 17114456 | 14.279  | 11.617   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 4)                          | L1 AR-1016-2    | 6.038  | 0.000  | 213999   | 0        | 2.234   | N.D. #   |
| 6)                          | L1 AR-1016-4    | 6.212f | 0.000  | 197597   | 0        | 4.018   | N.D. #   |
| 7)                          | L1 AR-1016-5    | 6.498  | 0.000  | 491725   | 0        | 9.810   | N.D. #   |
| 8)                          | L2 AR-1221-1    | 0.000  | 4.270f | 0        | 1038604  | N.D.    | 29.850 # |
| 9)                          | L2 AR-1221-2    | 5.135  | 0.000  | 433969   | 0        | 22.471  | N.D. #   |
| 10)                         | L2 AR-1221-3    | 5.211  | 4.450  | 1021553  | 1234024  | 18.179  | 15.912   |
| 11)                         | L3 AR-1232-1    | 5.211  | 4.450  | 1021553  | 1234024  | 22.578  | 19.522   |
| 13)                         | L3 AR-1232-3    | 6.038  | 0.000  | 213999   | 0        | 4.731   | N.D. #   |
| 14)                         | L3 AR-1232-4    | 6.212f | 0.000  | 197597   | 0        | 8.459   | N.D. #   |
| 15)                         | L3 AR-1232-5    | 6.277  | 0.000  | 433404   | 0        | 22.076  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 6.038  | 0.000  | 213999   | 0        | 2.699   | N.D. #   |
| 19)                         | L4 AR-1242-4    | 6.212f | 0.000  | 197597   | 0        | 4.815   | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.908f | 6.006  | 5352902  | 3138328  | 122.711 | 52.818 # |
| 22)                         | L5 AR-1248-2    | 6.277  | 0.000  | 433404   | 0        | 6.954   | N.D. #   |
| 23)                         | L5 AR-1248-3    | 6.475  | 0.000  | 954854   | 0        | 14.180  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.908f | 0.000  | 5352902  | 0        | 75.186  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.908f | 0.000  | 5352902  | 0        | 77.219  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.861  | 6.006  | 5490215  | 3138328  | 70.084  | 25.470 # |
| 27)                         | L6 AR-1254-2    | 7.086  | 6.167f | 3882849  | 1700189  | 32.869  | 16.147 # |
| 28)                         | L6 AR-1254-3    | 7.456  | 6.573  | 8978515  | 9679972  | 73.574  | 61.171   |
| 29)                         | L6 AR-1254-4    | 7.734  | 6.783  | 3502924  | 923212   | 39.391  | 9.998 #  |
| 30)                         | L6 AR-1254-5    | 8.173f | 7.205  | 51940708 | 59473610 | 530.234 | 464.672  |
| 31)                         | L7 AR-1260-1    | 7.614  | 6.689  | 1504679  | 1165118  | 15.535  | 10.979 # |
| 32)                         | L7 AR-1260-2    | 7.856  | 6.880  | 26320394 | 3504550  | 234.752 | 28.417 # |
| 33)                         | L7 AR-1260-3    | 8.228  | 7.034  | 1476981  | 2328475  | 16.917  | 20.077   |
| 34)                         | L7 AR-1260-4    | 8.466  | 7.508  | 7284937  | 3699554  | 72.696  | 42.004 # |
| 35)                         | L7 AR-1260-5    | 8.823  | 7.745  | 1781165  | 1941438  | 9.445   | 10.143   |
| 36)                         | L8 AR-1262-1    | 8.283  | 7.323f | 15867307 | 2521781  | 296.149 | 45.341 # |
| 37)                         | L8 AR-1262-2    | 8.823  | 7.508  | 1781165  | 3699554  | 8.397   | 33.202 # |
| 38)                         | L8 AR-1262-3    | 9.167  | 0.000  | 736358   | 0        | 4.810   | N.D. #   |
| 39)                         | L8 AR-1262-4    | 9.255  | 8.097  | 1796036  | 1836657  | 14.824  | 11.964   |
| 41)                         | L9 AR-1268-1    | 9.167  | 0.000  | 736358   | 0        | 2.899   | N.D. #   |
| 42)                         | L9 AR-1268-2    | 9.255f | 8.097  | 1796036  | 1836657  | 7.603   | 8.751    |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.309  | 0        | 1478955  | N.D.    | 8.459 #  |
| 45)                         | L9 AR-1268-5    | 10.460 | 0.000  | 2397613  | 0        | 3.608   | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

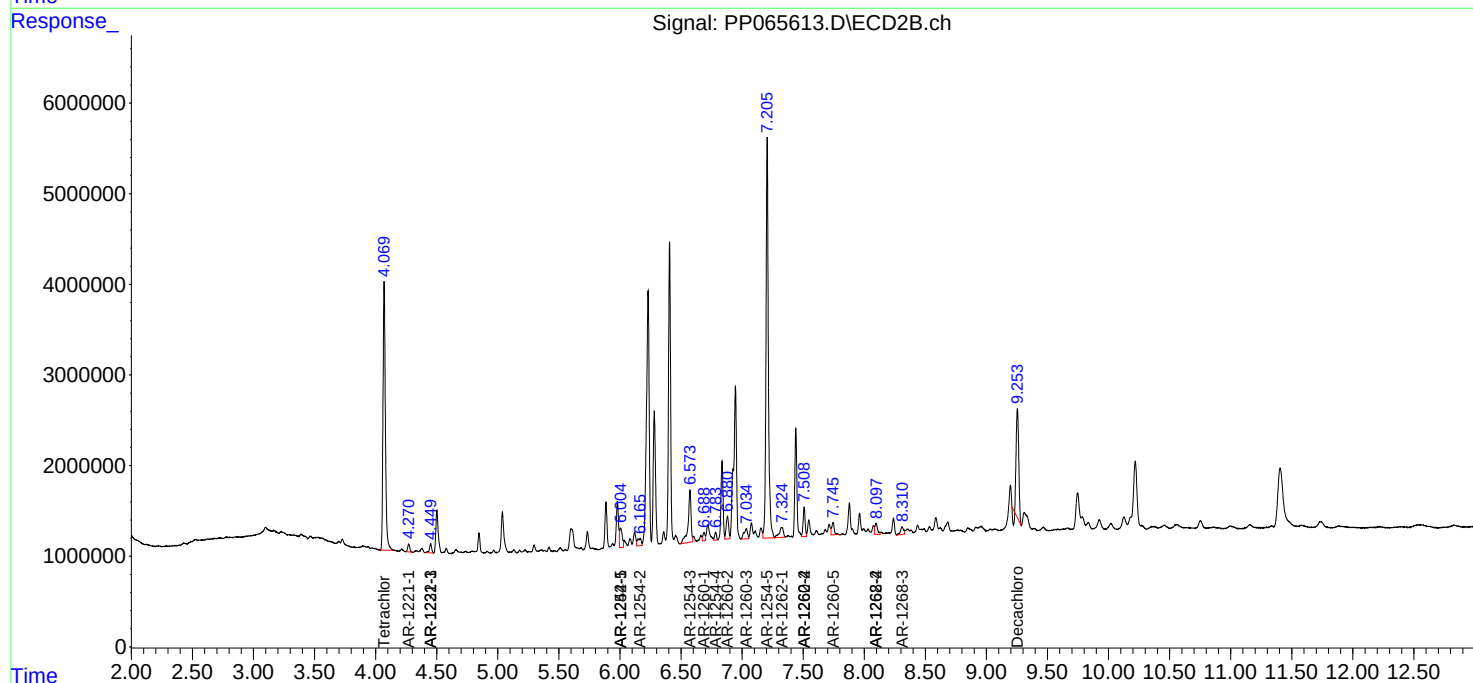
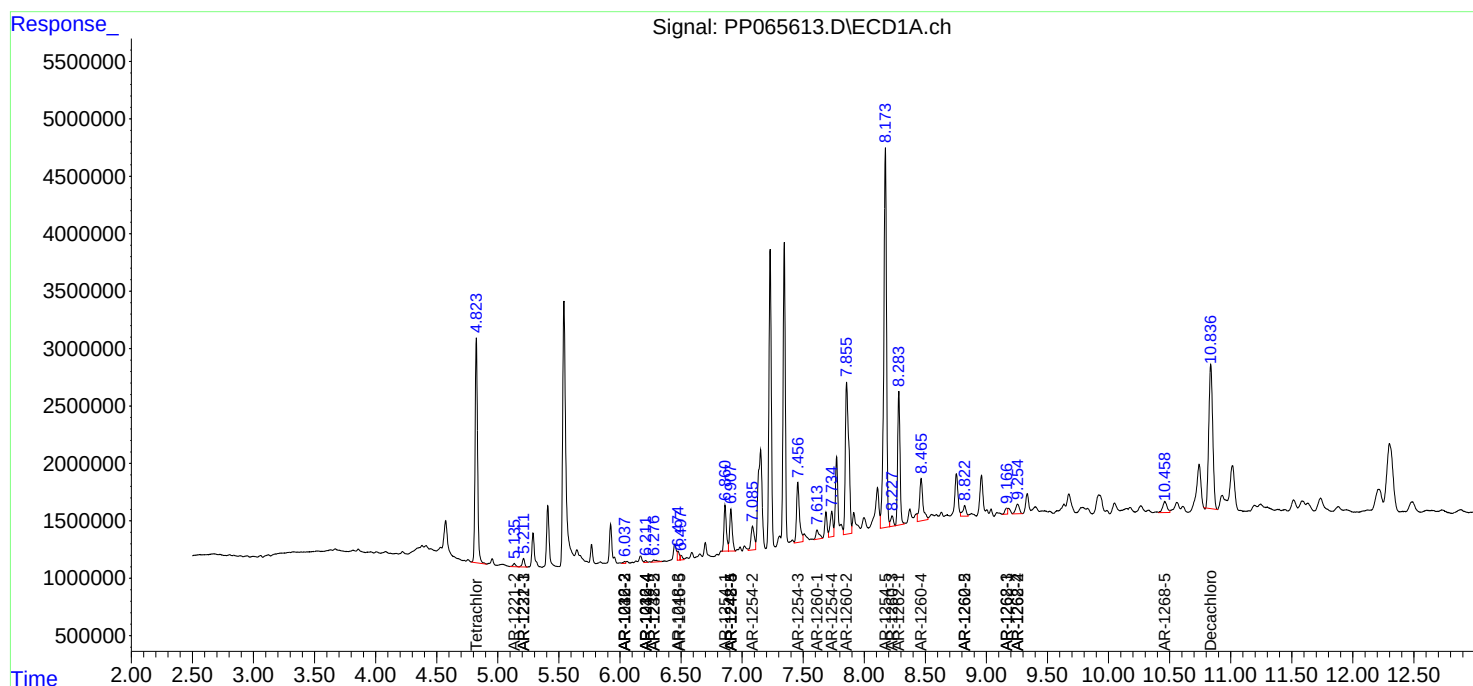
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

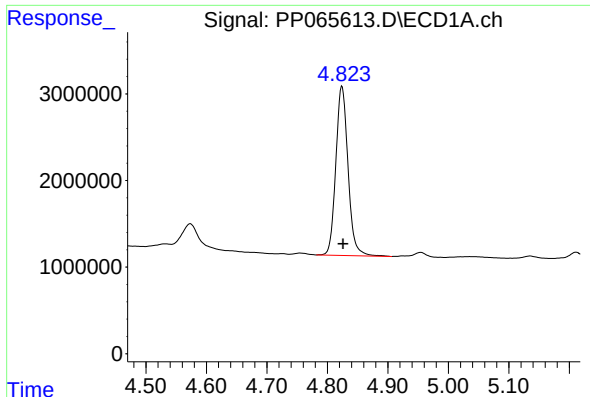
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061224\  
Data File : PP065613.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Jun 2024 14:54  
Operator : YP\AJ  
Sample : P2847-08  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 01:29:59 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP060524.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Jun 06 05:25:59 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

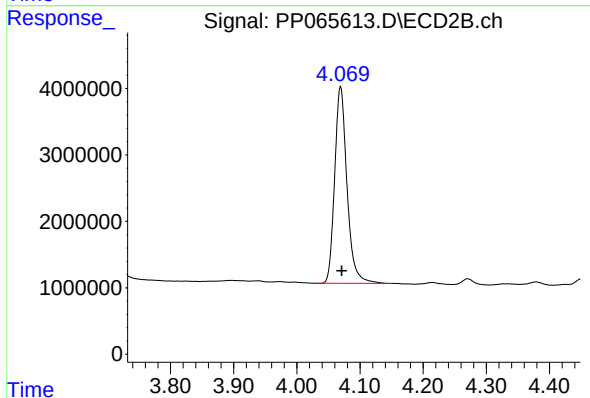




#1 Tetrachloro-m-xylene

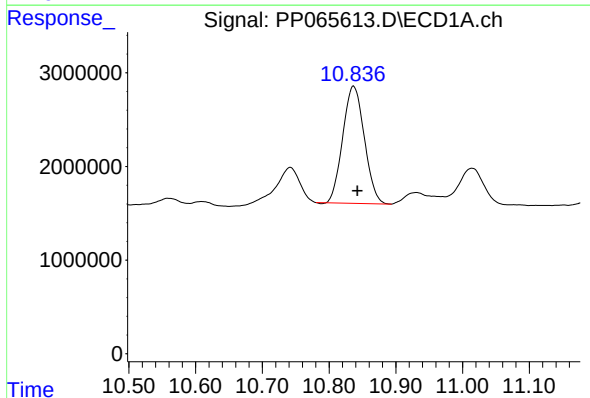
R.T.: 4.824 min  
Delta R.T.: -0.002 min  
Response: 27399759  
Conc: 14.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



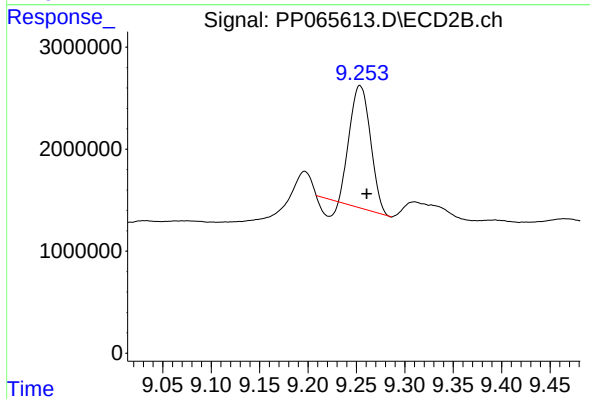
#1 Tetrachloro-m-xylene

R.T.: 4.069 min  
Delta R.T.: -0.002 min  
Response: 40169146  
Conc: 14.39 ng/ml



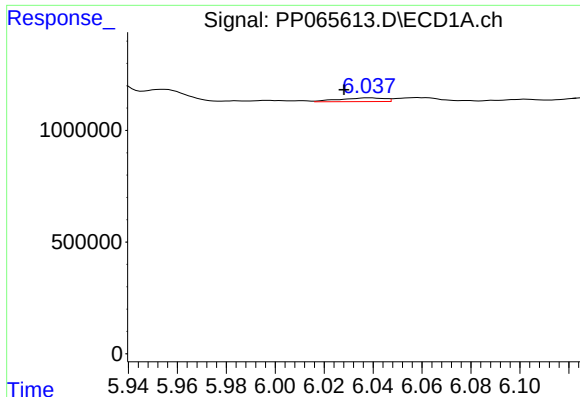
#2 Decachlorobiphenyl

R.T.: 10.837 min  
Delta R.T.: -0.006 min  
Response: 28085595  
Conc: 14.28 ng/ml



#2 Decachlorobiphenyl

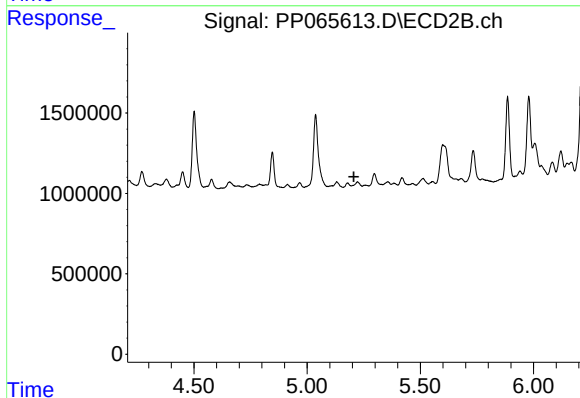
R.T.: 9.254 min  
Delta R.T.: -0.007 min  
Response: 17114456  
Conc: 11.62 ng/ml



#4 AR-1016-2

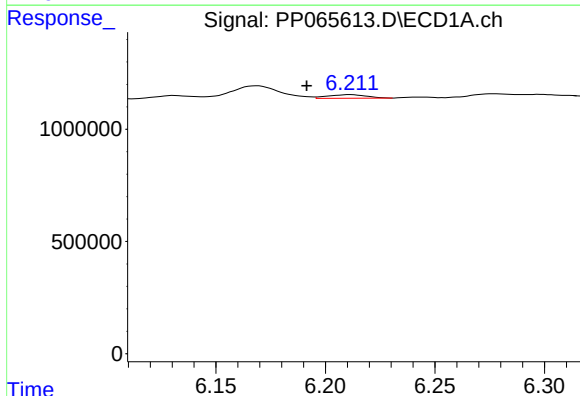
R.T.: 6.038 min  
Delta R.T.: 0.010 min  
Response: 213999  
Conc: 2.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



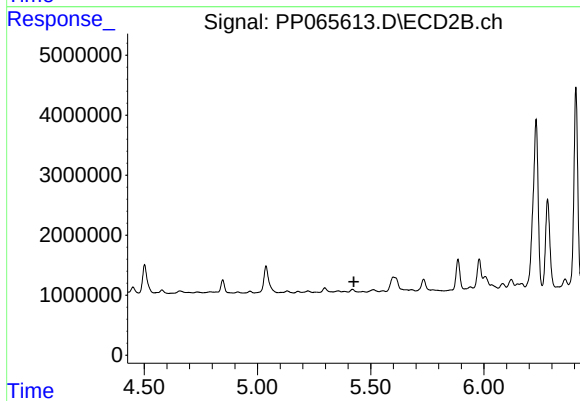
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.207 min  
Response: 0  
Conc: N.D.



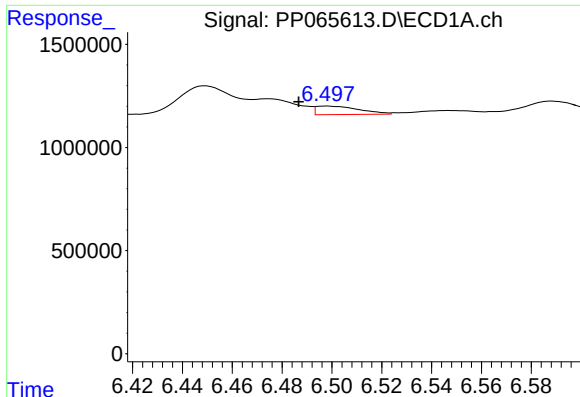
#6 AR-1016-4

R.T.: 6.212 min  
Delta R.T.: 0.020 min  
Response: 197597  
Conc: 4.02 ng/ml



#6 AR-1016-4

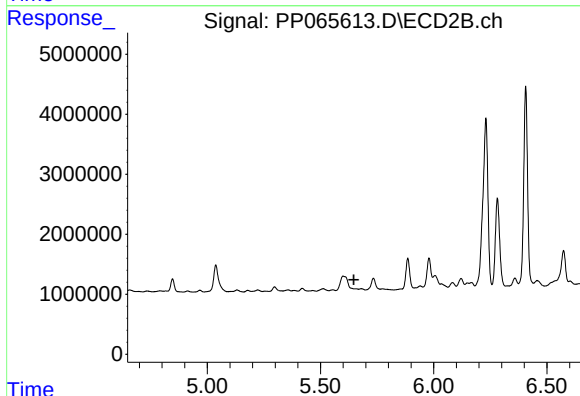
R.T.: 0.000 min  
Exp R.T. : 5.426 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

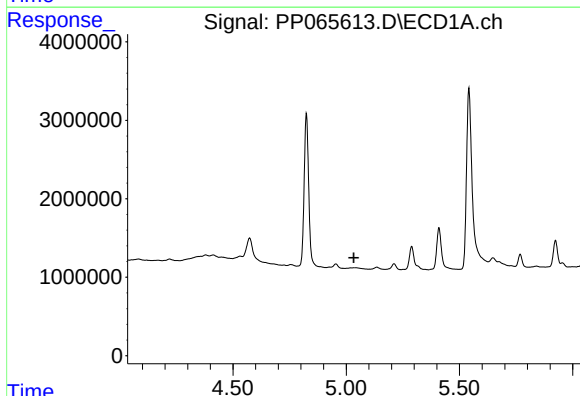
R.T.: 6.498 min  
Delta R.T.: 0.011 min  
Response: 491725  
Conc: 9.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



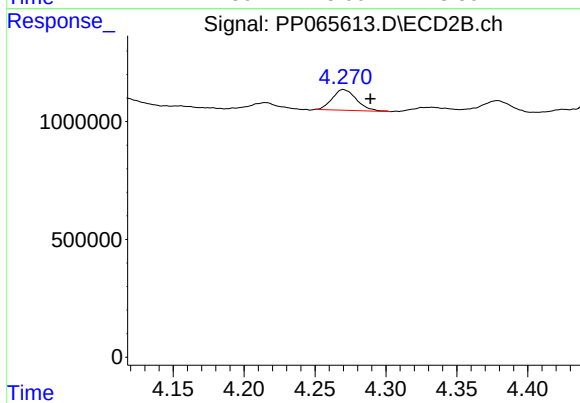
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.647 min  
Response: 0  
Conc: N.D.



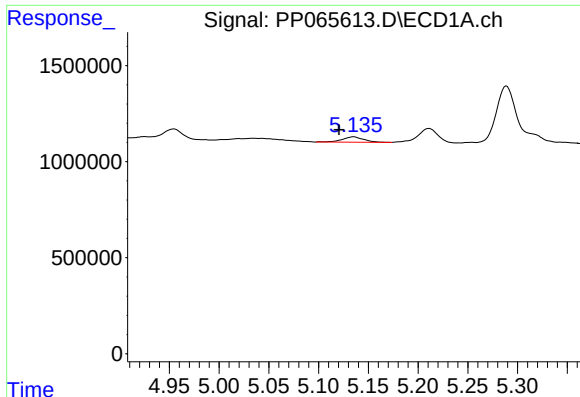
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 5.033 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

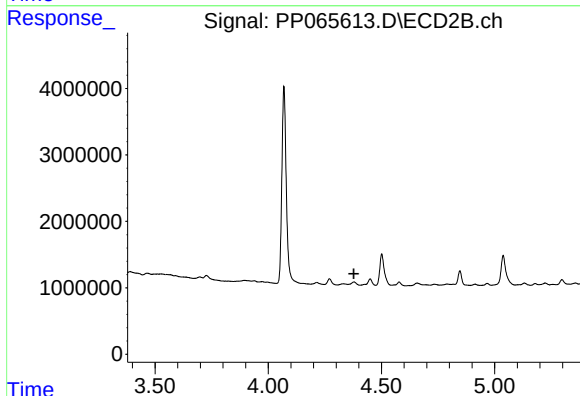
R.T.: 4.270 min  
Delta R.T.: -0.019 min  
Response: 1038604  
Conc: 29.85 ng/ml



#9 AR-1221-2

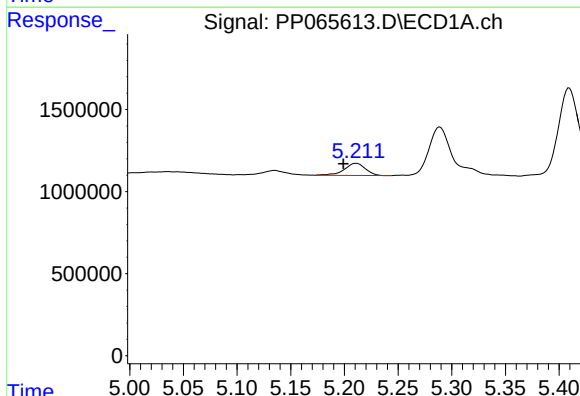
R.T.: 5.135 min  
Delta R.T.: 0.015 min  
Response: 433969  
Conc: 22.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



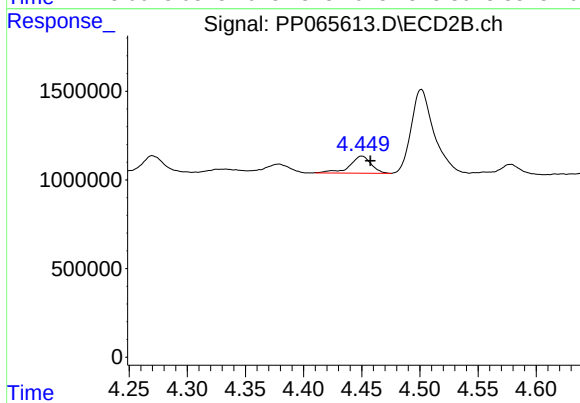
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.378 min  
Response: 0  
Conc: N.D.



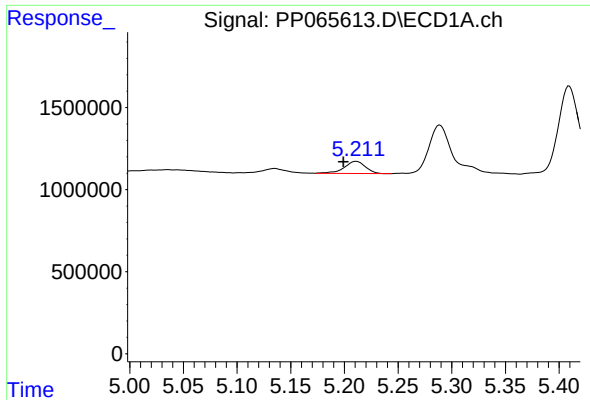
#10 AR-1221-3

R.T.: 5.211 min  
Delta R.T.: 0.012 min  
Response: 1021553  
Conc: 18.18 ng/ml



#10 AR-1221-3

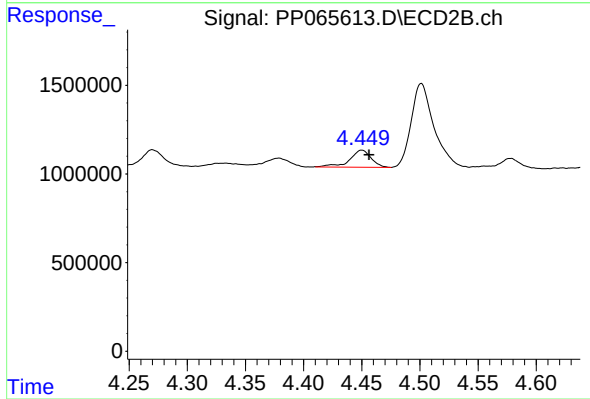
R.T.: 4.450 min  
Delta R.T.: -0.007 min  
Response: 1234024  
Conc: 15.91 ng/ml



#11 AR-1232-1

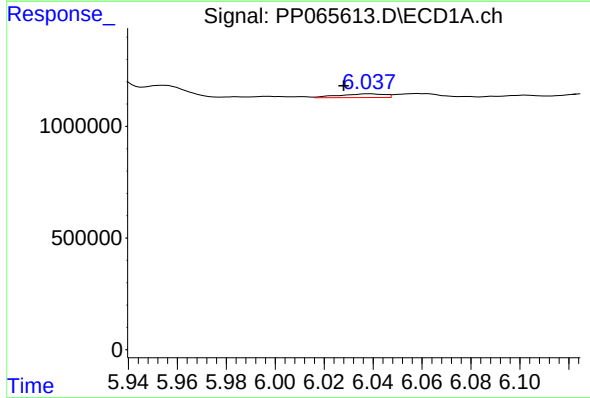
R.T.: 5.211 min  
Delta R.T.: 0.012 min  
Response: 1021553  
Conc: 22.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



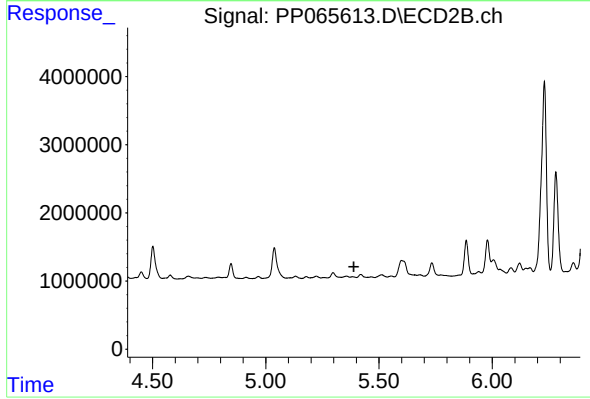
#11 AR-1232-1

R.T.: 4.450 min  
Delta R.T.: -0.006 min  
Response: 1234024  
Conc: 19.52 ng/ml



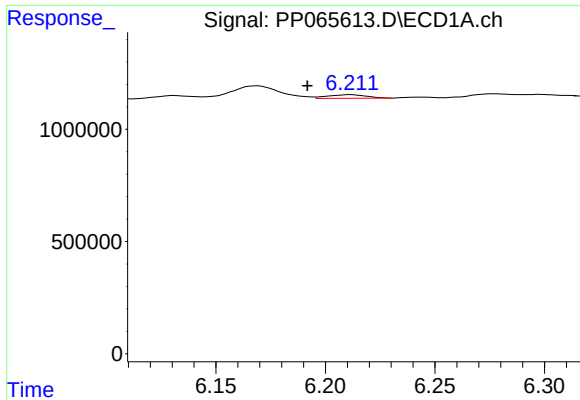
#13 AR-1232-3

R.T.: 6.038 min  
Delta R.T.: 0.010 min  
Response: 213999  
Conc: 4.73 ng/ml



#13 AR-1232-3

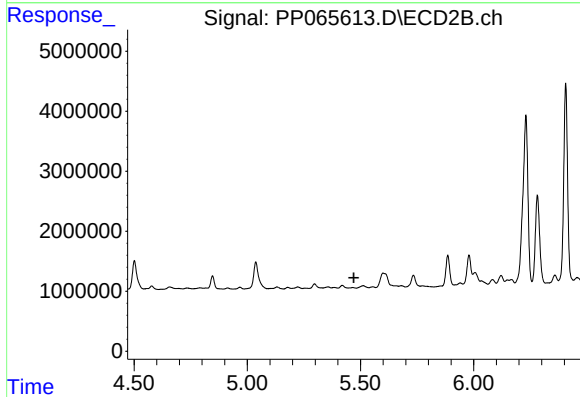
R.T.: 0.000 min  
Exp R.T. : 5.389 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

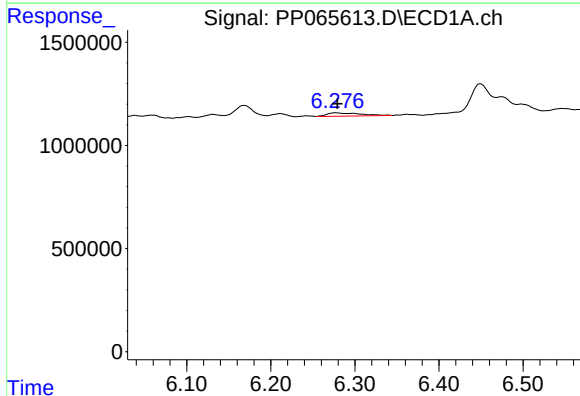
R.T.: 6.212 min  
Delta R.T.: 0.020 min  
Response: 197597  
Conc: 8.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



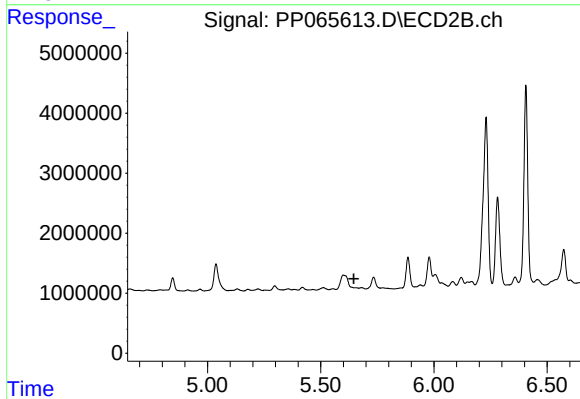
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.471 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

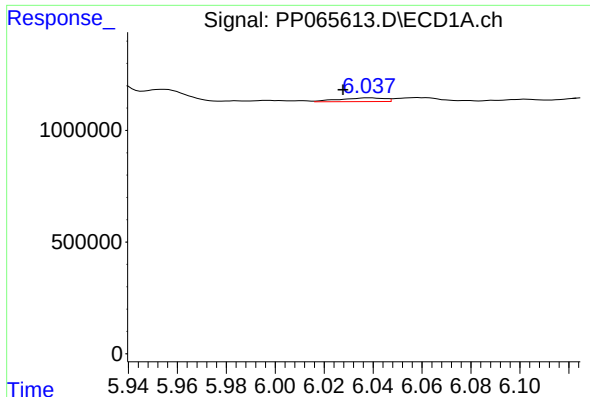
R.T.: 6.277 min  
Delta R.T.: -0.002 min  
Response: 433404  
Conc: 22.08 ng/ml



#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.647 min  
Response: 0  
Conc: N.D.

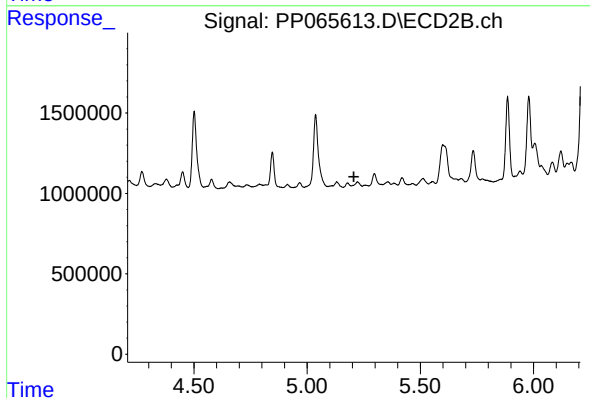




#17 AR-1242-2

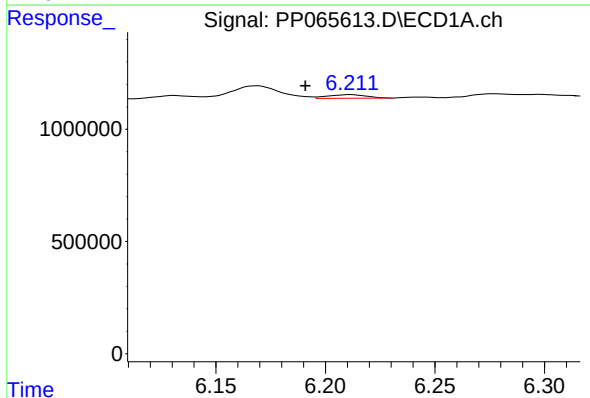
R.T.: 6.038 min  
Delta R.T.: 0.011 min  
Response: 213999  
Conc: 2.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



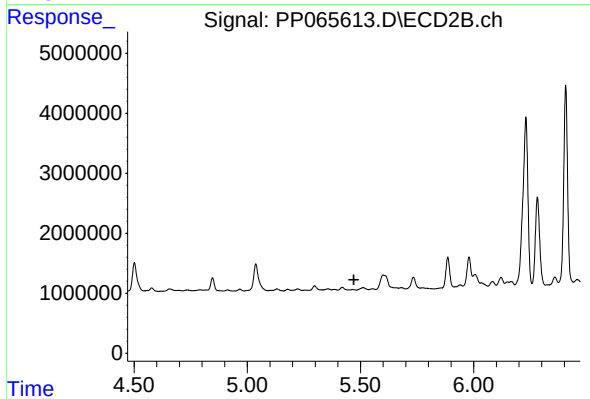
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.206 min  
Response: 0  
Conc: N.D.



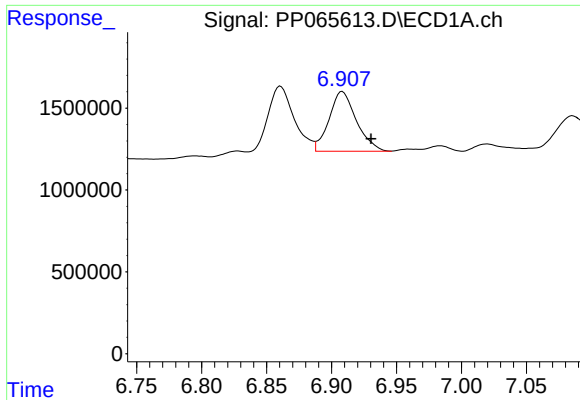
#19 AR-1242-4

R.T.: 6.212 min  
Delta R.T.: 0.021 min  
Response: 197597  
Conc: 4.82 ng/ml



#19 AR-1242-4

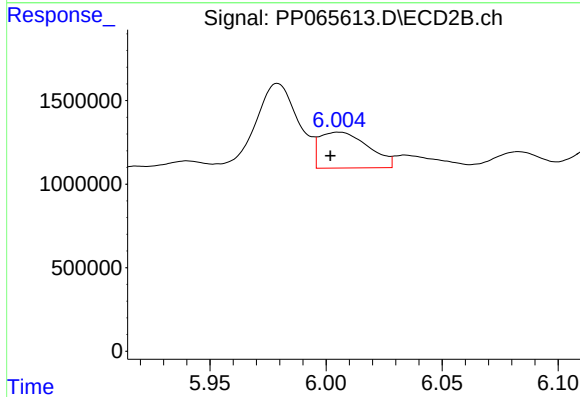
R.T.: 0.000 min  
Exp R.T. : 5.470 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

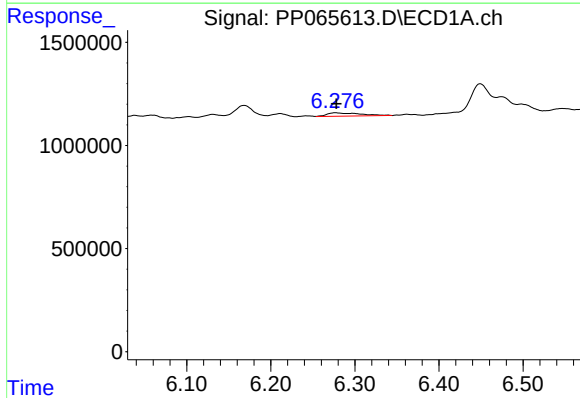
R.T.: 6.908 min  
Delta R.T.: -0.022 min  
Response: 5352902  
Conc: 122.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



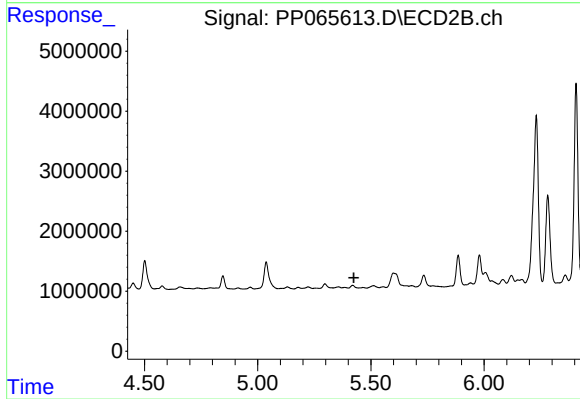
#20 AR-1242-5

R.T.: 6.006 min  
Delta R.T.: 0.004 min  
Response: 3138328  
Conc: 52.82 ng/ml



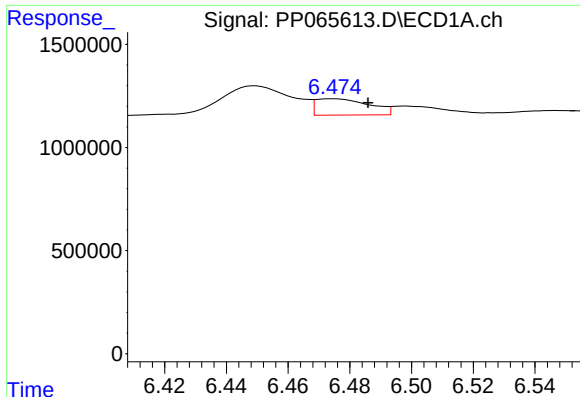
#22 AR-1248-2

R.T.: 6.277 min  
Delta R.T.: 0.000 min  
Response: 433404  
Conc: 6.95 ng/ml



#22 AR-1248-2

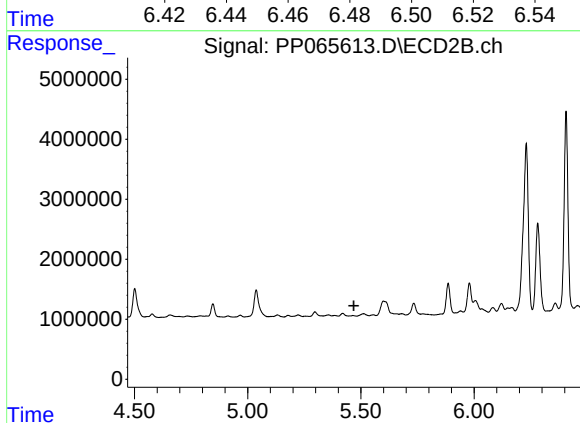
R.T.: 0.000 min  
Exp R.T. : 5.425 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

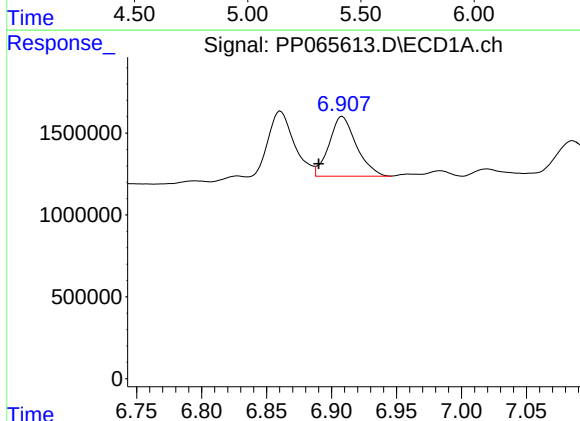
R.T.: 6.475 min  
Delta R.T.: -0.011 min  
Response: 954854  
Conc: 14.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



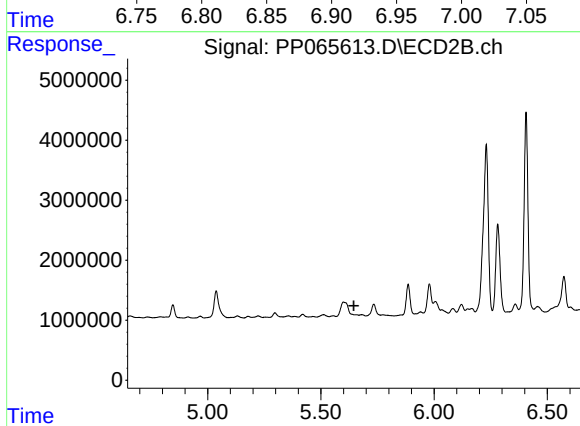
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.469 min  
Response: 0  
Conc: N.D.



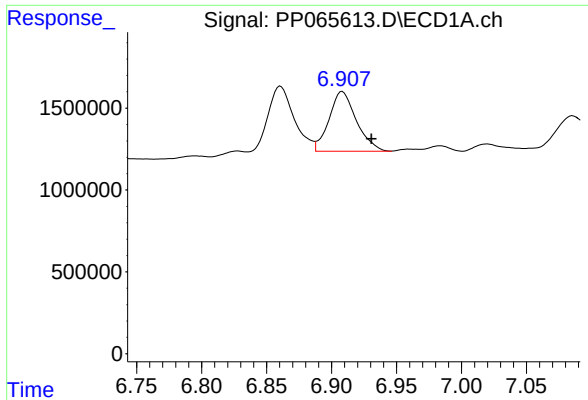
#24 AR-1248-4

R.T.: 6.908 min  
Delta R.T.: 0.018 min  
Response: 5352902  
Conc: 75.19 ng/ml



#24 AR-1248-4

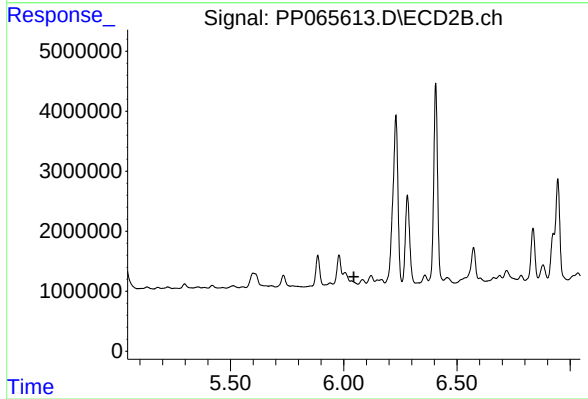
R.T.: 0.000 min  
Exp R.T. : 5.645 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

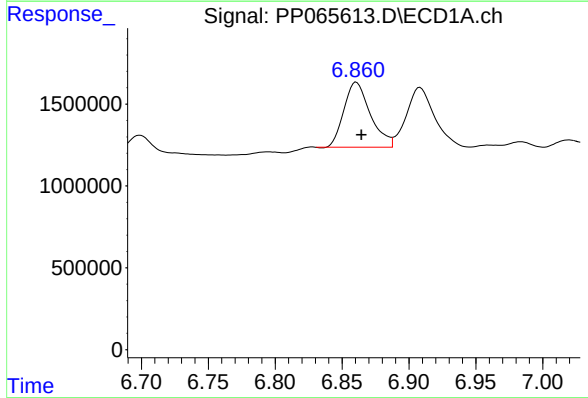
R.T.: 6.908 min  
Delta R.T.: -0.022 min  
Response: 5352902  
Conc: 77.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



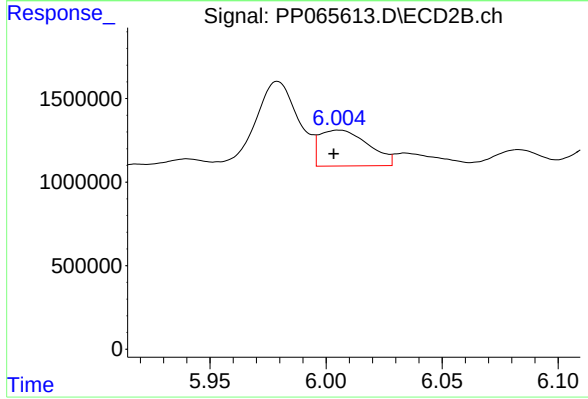
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.045 min  
Response: 0  
Conc: N.D.



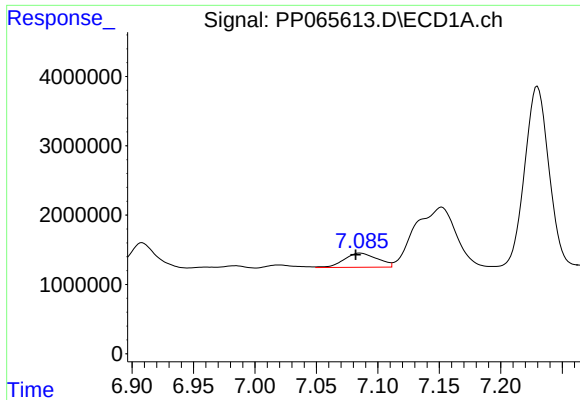
#26 AR-1254-1

R.T.: 6.861 min  
Delta R.T.: -0.004 min  
Response: 5490215  
Conc: 70.08 ng/ml



#26 AR-1254-1

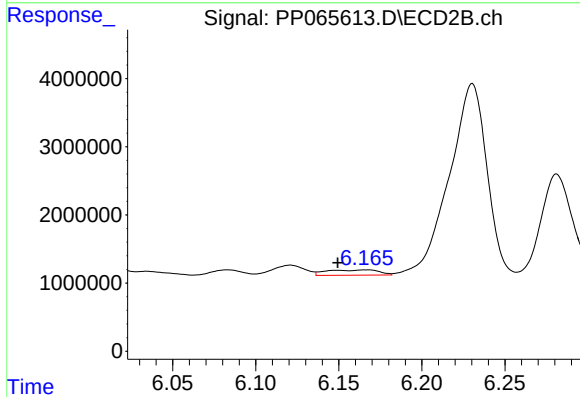
R.T.: 6.006 min  
Delta R.T.: 0.002 min  
Response: 3138328  
Conc: 25.47 ng/ml



#27 AR-1254-2

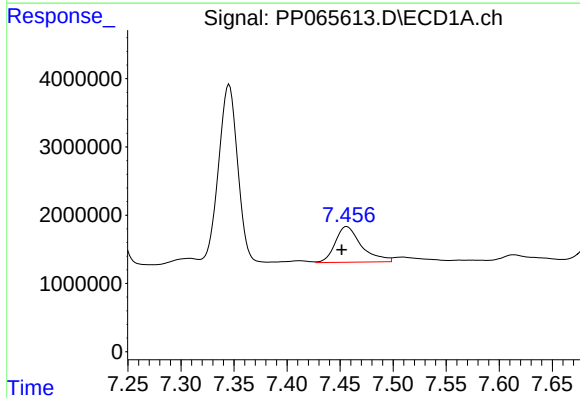
R.T.: 7.086 min  
Delta R.T.: 0.004 min  
Response: 3882849  
Conc: 32.87 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



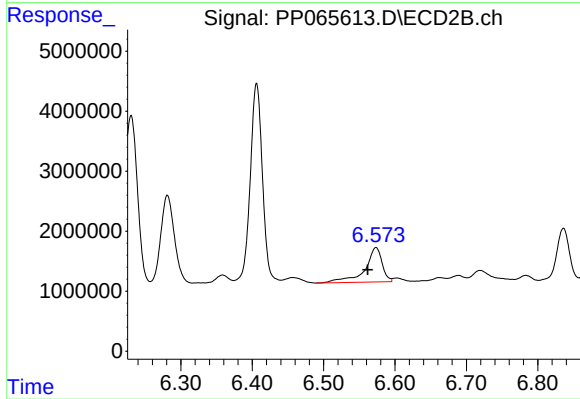
#27 AR-1254-2

R.T.: 6.167 min  
Delta R.T.: 0.017 min  
Response: 1700189  
Conc: 16.15 ng/ml



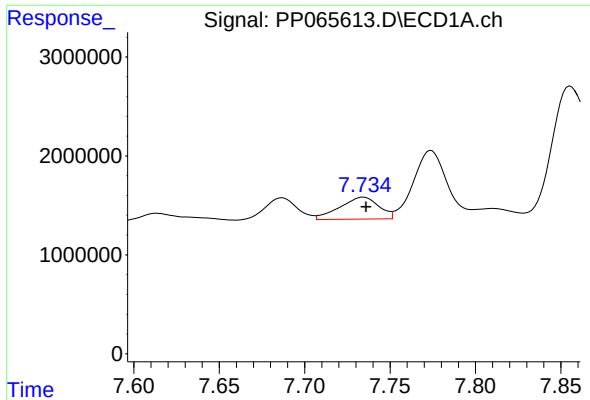
#28 AR-1254-3

R.T.: 7.456 min  
Delta R.T.: 0.005 min  
Response: 8978515  
Conc: 73.57 ng/ml



#28 AR-1254-3

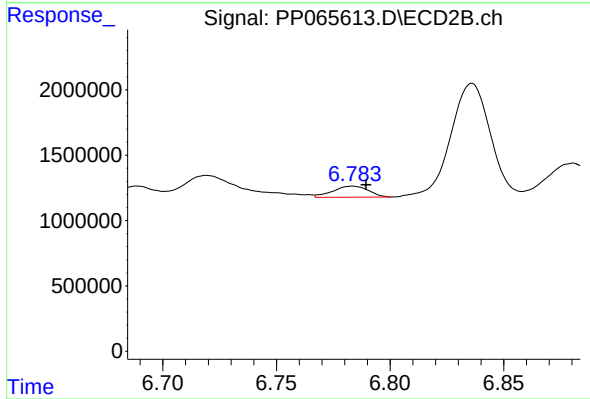
R.T.: 6.573 min  
Delta R.T.: 0.012 min  
Response: 9679972  
Conc: 61.17 ng/ml



#29 AR-1254-4

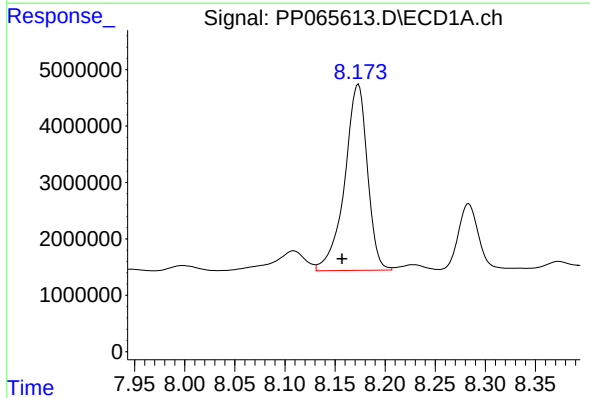
R.T.: 7.734 min  
Delta R.T.: -0.002 min  
Response: 3502924  
Conc: 39.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



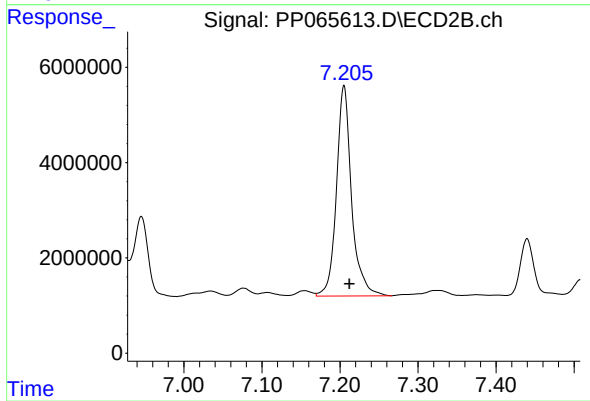
#29 AR-1254-4

R.T.: 6.783 min  
Delta R.T.: -0.006 min  
Response: 923212  
Conc: 10.00 ng/ml



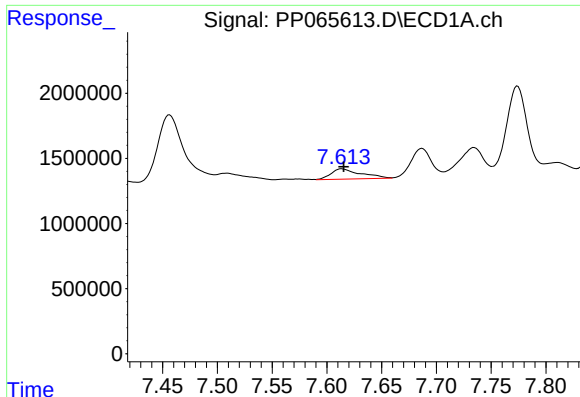
#30 AR-1254-5

R.T.: 8.173 min  
Delta R.T.: 0.016 min  
Response: 51940708  
Conc: 530.23 ng/ml



#30 AR-1254-5

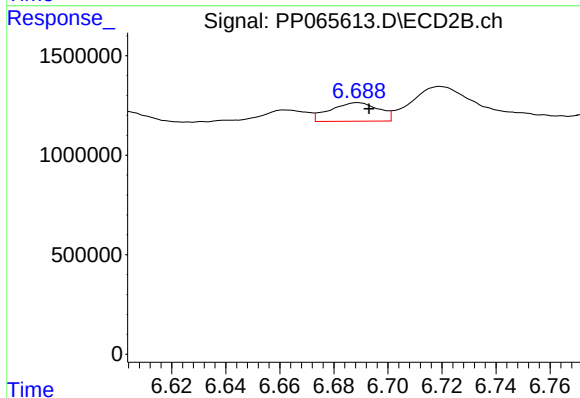
R.T.: 7.205 min  
Delta R.T.: -0.007 min  
Response: 59473610  
Conc: 464.67 ng/ml



#31 AR-1260-1

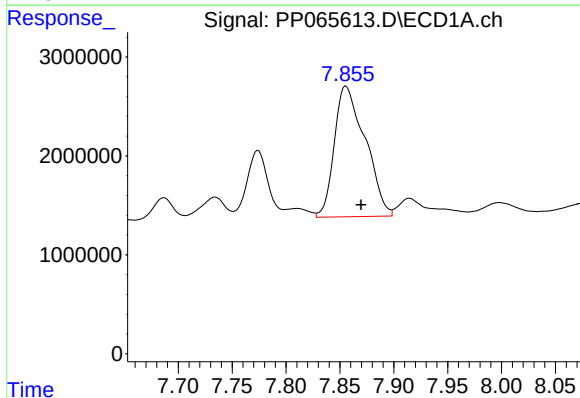
R.T.: 7.614 min  
Delta R.T.: -0.002 min  
Response: 1504679  
Conc: 15.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



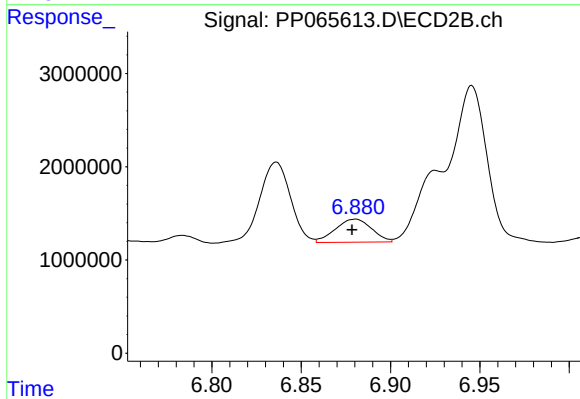
#31 AR-1260-1

R.T.: 6.689 min  
Delta R.T.: -0.004 min  
Response: 1165118  
Conc: 10.98 ng/ml



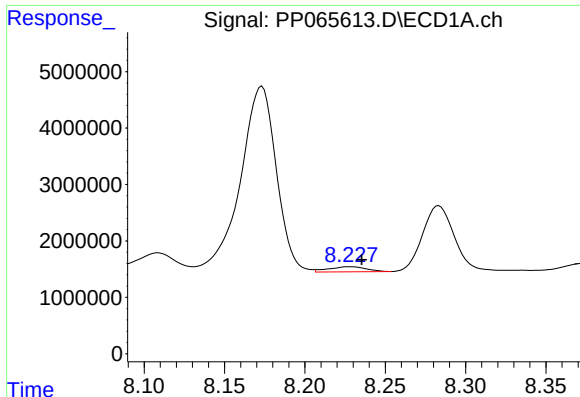
#32 AR-1260-2

R.T.: 7.856 min  
Delta R.T.: -0.014 min  
Response: 26320394  
Conc: 234.75 ng/ml



#32 AR-1260-2

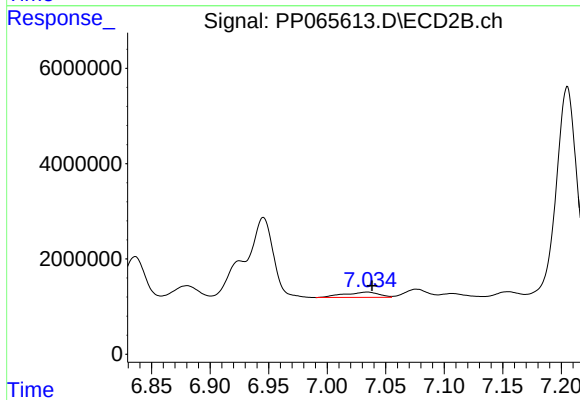
R.T.: 6.880 min  
Delta R.T.: 0.002 min  
Response: 3504550  
Conc: 28.42 ng/ml



#33 AR-1260-3

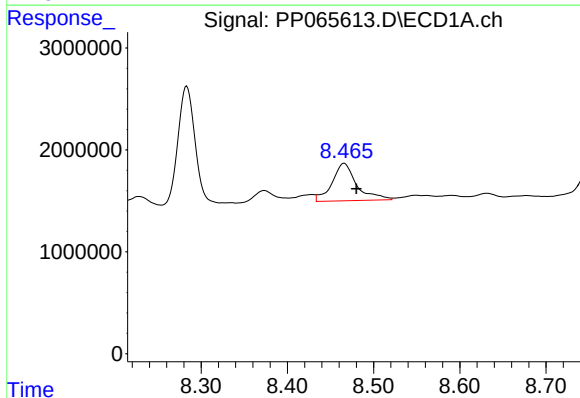
R.T.: 8.228 min  
Delta R.T.: -0.008 min  
Response: 1476981  
Conc: 16.92 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



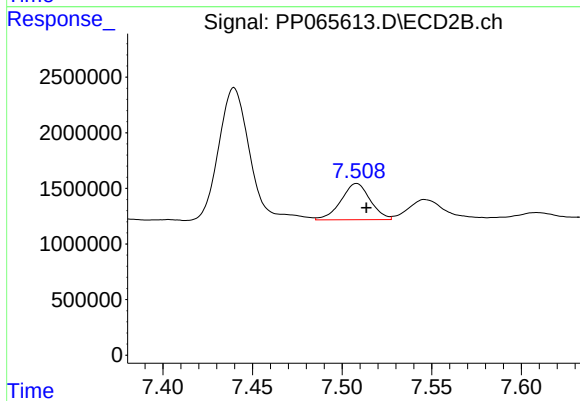
#33 AR-1260-3

R.T.: 7.034 min  
Delta R.T.: -0.004 min  
Response: 2328475  
Conc: 20.08 ng/ml



#34 AR-1260-4

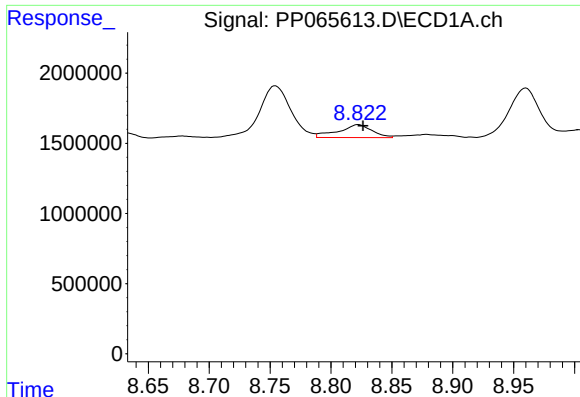
R.T.: 8.466 min  
Delta R.T.: -0.014 min  
Response: 7284937  
Conc: 72.70 ng/ml



#34 AR-1260-4

R.T.: 7.508 min  
Delta R.T.: -0.005 min  
Response: 3699554  
Conc: 42.00 ng/ml

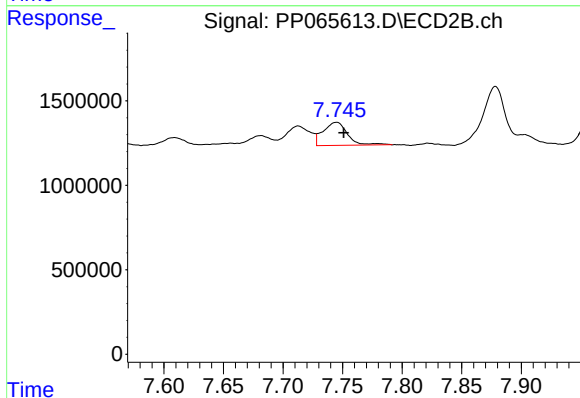




#35 AR-1260-5

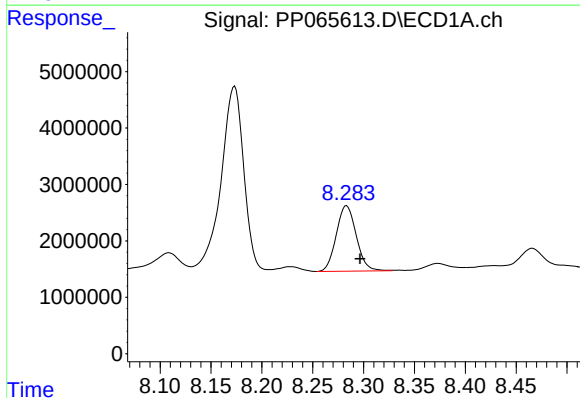
R.T.: 8.823 min  
Delta R.T.: -0.004 min  
Response: 1781165  
Conc: 9.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



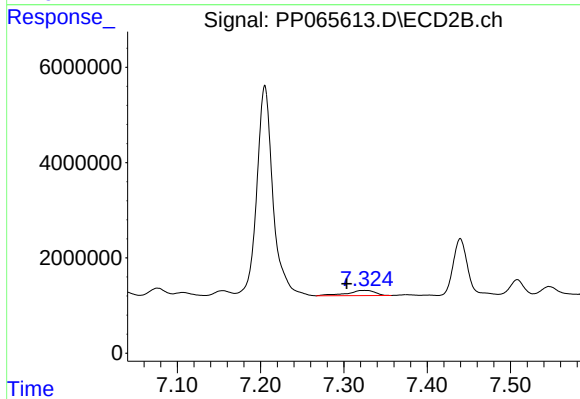
#35 AR-1260-5

R.T.: 7.745 min  
Delta R.T.: -0.006 min  
Response: 1941438  
Conc: 10.14 ng/ml



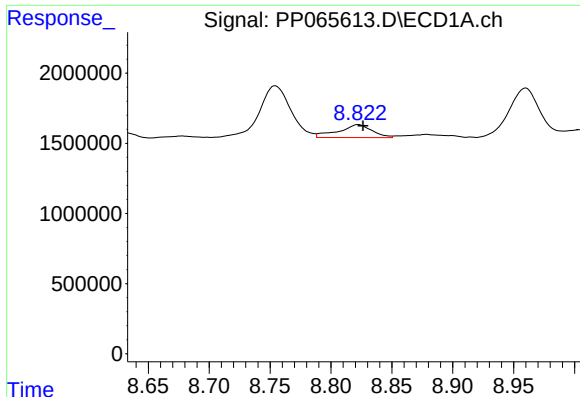
#36 AR-1262-1

R.T.: 8.283 min  
Delta R.T.: -0.013 min  
Response: 15867307  
Conc: 296.15 ng/ml



#36 AR-1262-1

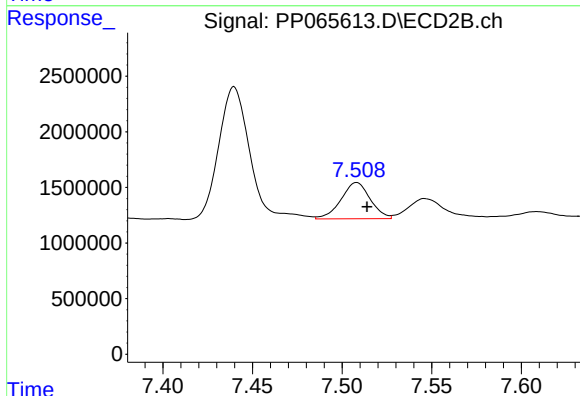
R.T.: 7.323 min  
Delta R.T.: 0.020 min  
Response: 2521781  
Conc: 45.34 ng/ml



#37 AR-1262-2

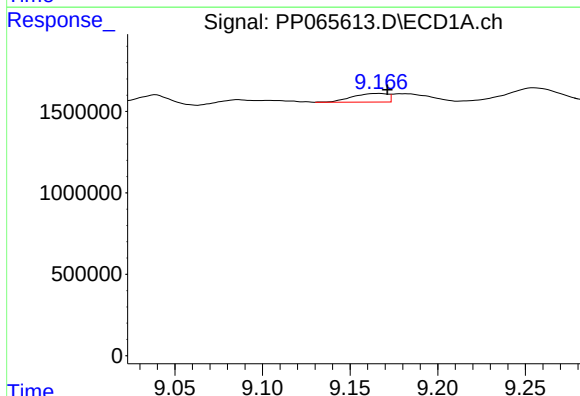
R.T.: 8.823 min  
Delta R.T.: -0.004 min  
Response: 1781165  
Conc: 8.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



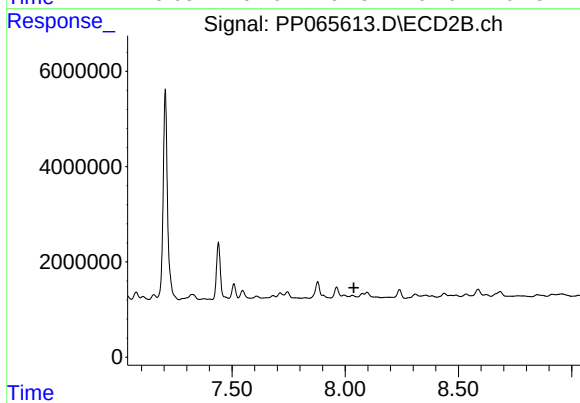
#37 AR-1262-2

R.T.: 7.508 min  
Delta R.T.: -0.006 min  
Response: 3699554  
Conc: 33.20 ng/ml



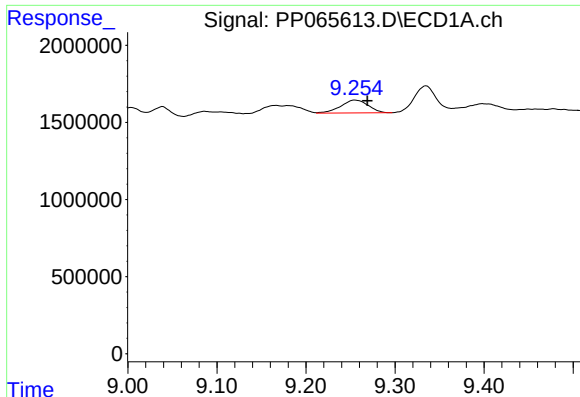
#38 AR-1262-3

R.T.: 9.167 min  
Delta R.T.: -0.005 min  
Response: 736358  
Conc: 4.81 ng/ml



#38 AR-1262-3

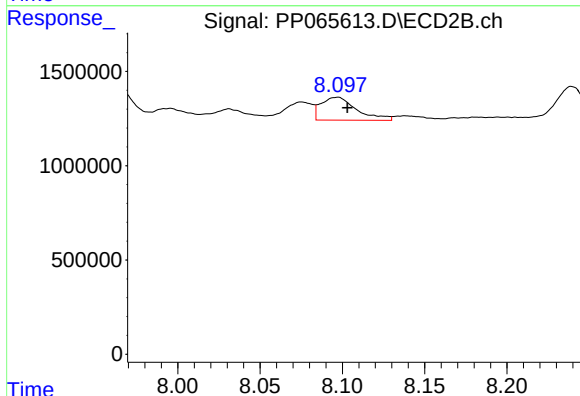
R.T.: 0.000 min  
Exp R.T. : 8.038 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

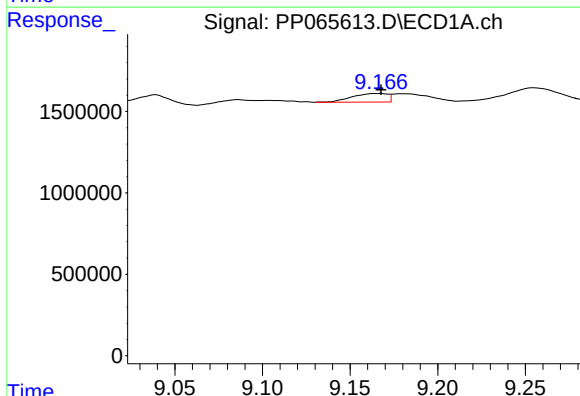
R.T.: 9.255 min  
Delta R.T.: -0.014 min  
Response: 1796036  
Conc: 14.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



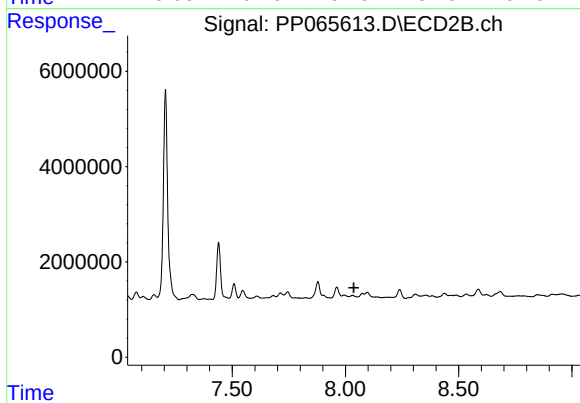
#39 AR-1262-4

R.T.: 8.097 min  
Delta R.T.: -0.006 min  
Response: 1836657  
Conc: 11.96 ng/ml



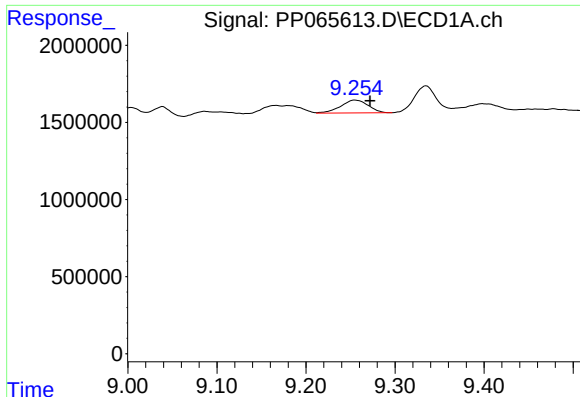
#41 AR-1268-1

R.T.: 9.167 min  
Delta R.T.: 0.000 min  
Response: 736358  
Conc: 2.90 ng/ml



#41 AR-1268-1

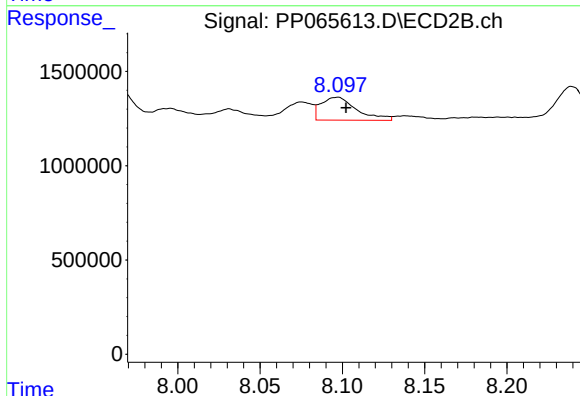
R.T.: 0.000 min  
Exp R.T. : 8.037 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

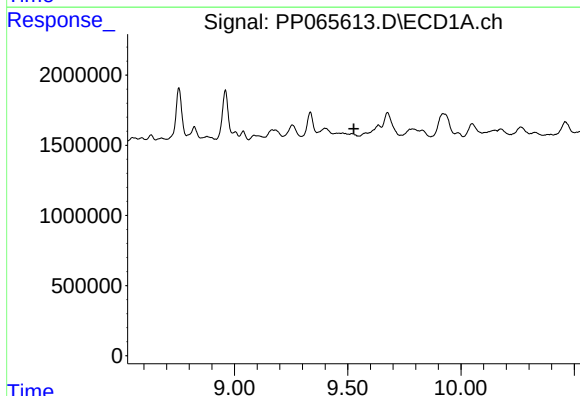
R.T.: 9.255 min  
Delta R.T.: -0.017 min  
Response: 1796036  
Conc: 7.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



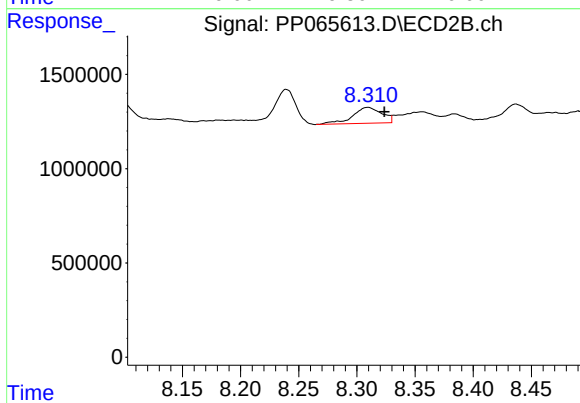
#42 AR-1268-2

R.T.: 8.097 min  
Delta R.T.: -0.006 min  
Response: 1836657  
Conc: 8.75 ng/ml



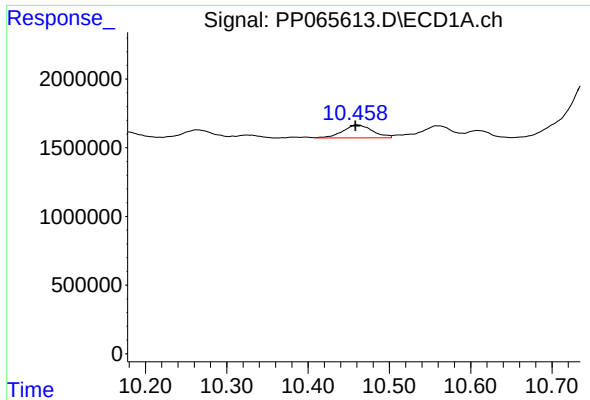
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 9.527 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

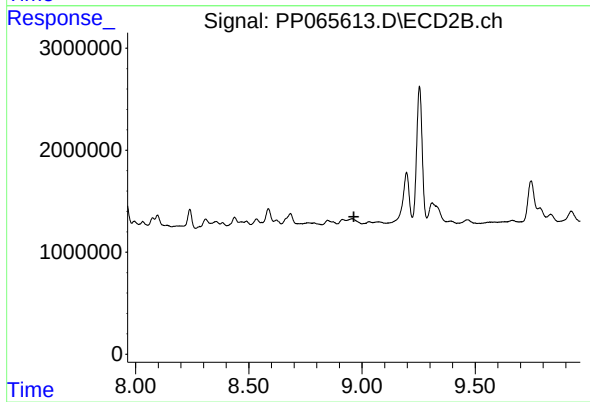
R.T.: 8.309 min  
Delta R.T.: -0.014 min  
Response: 1478955  
Conc: 8.46 ng/ml



#45 AR-1268-5

R.T.: 10.460 min  
Delta R.T.: 0.002 min  
Response: 2397613  
Conc: 3.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
EXT-PE4



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.964 min  
Response: 0  
Conc: N.D.