

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP050324\  
 Data File : PP064713.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 May 2024 14:35  
 Operator : YP\AJ  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 04 04:33:38 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP043024.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed May 01 05:01:39 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... | 4.377  | 3.452 | 74892469 | 111.6E6  | 42.551   | 47.348     |
| 2)                          | SA Decachlor... | 10.069 | 8.354 | 52127765 | 90376253 | 58.589   | 48.449     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 3)                          | L1 AR-1016-1    | 5.542  | 4.514 | 682450   | 1044461  | 14.277   | 15.198     |
| 4)                          | L1 AR-1016-2    | 5.567  | 4.532 | 928186   | 844116   | 12.774   | 8.349 #    |
| 5)                          | L1 AR-1016-3    | 5.626  | 4.705 | 458433   | 607121   | 9.698    | 11.107     |
| 6)                          | L1 AR-1016-4    | 5.723  | 4.746 | 416054   | 25056137 | 11.133   | 532.411 #  |
| 7)                          | L1 AR-1016-5    | 6.018  | 4.954 | 9165689  | 15282400 | 237.920  | 254.032    |
| 9)                          | L2 AR-1221-2    | 4.682  | 3.744 | 1013129  | 1612510  | 75.946   | 78.194     |
| 12)                         | L3 AR-1232-2    | 5.251f | 4.532 | -317773  | 844116   | N.D.     | 18.913 #   |
| 13)                         | L3 AR-1232-3    | 5.567  | 4.705 | 928186   | 607121   | 28.684   | 25.500     |
| 14)                         | L3 AR-1232-4    | 5.723  | 4.785 | 416054   | 8037230  | 24.968   | 341.699 #  |
| 15)                         | L3 AR-1232-5    | 5.814  | 4.954 | 15419838 | 15282400 | 1086.803 | 616.709 #  |
| 16)                         | L4 AR-1242-1    | 5.542  | 4.514 | 682450   | 1044461  | 17.005   | 18.333     |
| 17)                         | L4 AR-1242-2    | 5.567  | 4.532 | 928186   | 844116   | 15.357   | 10.214 #   |
| 18)                         | L4 AR-1242-3    | 5.626  | 4.705 | 458433   | 607121   | 11.533   | 13.465     |
| 19)                         | L4 AR-1242-4    | 5.723  | 4.785 | 416054   | 8037230  | 13.251   | 166.372 #  |
| 20)                         | L4 AR-1242-5    | 6.462  | 5.300 | 8621317  | 57446453 | 287.007  | 1143.252 # |
| 21)                         | L5 AR-1248-1    | 5.542  | 4.514 | 682450   | 1044461  | 22.494   | 24.093     |
| 22)                         | L5 AR-1248-2    | 5.814  | 4.746 | 15419838 | 25056137 | 307.410  | 366.806    |
| 23)                         | L5 AR-1248-3    | 6.018  | 4.785 | 9165689  | 8037230  | 170.707  | 112.399 #  |
| 24)                         | L5 AR-1248-4    | 6.420  | 4.954 | 12061213 | 15282400 | 243.544  | 184.184    |
| 25)                         | L5 AR-1248-5    | 6.462  | 5.340 | 8621317  | 7105951  | 167.434  | 109.997 #  |
| 26)                         | L6 AR-1254-1    | 6.394  | 5.300 | 26452925 | 57446453 | 443.042  | 487.189    |
| 27)                         | L6 AR-1254-2    | 6.612  | 5.447 | 39516876 | 50827708 | 450.258  | 482.073    |
| 28)                         | L6 AR-1254-3    | 6.977  | 5.843 | 40083143 | 80499686 | 472.501  | 501.434    |
| 29)                         | L6 AR-1254-4    | 7.262  | 6.070 | 25347179 | 42378245 | 569.173  | 589.376    |
| 30)                         | L6 AR-1254-5    | 7.681  | 6.481 | 30575865 | 70062703 | 554.437  | 537.420    |
| 31)                         | L7 AR-1260-1    | 7.142  | 5.973 | 17234512 | 40002624 | 251.897  | 340.602 #  |
| 32)                         | L7 AR-1260-2    | 7.398  | 6.158 | 16040462 | 32346915 | 225.953  | 247.335    |
| 33)                         | L7 AR-1260-3    | 7.741f | 6.307 | 5163672  | 32915085 | 91.775   | 256.085 #  |
| 34)                         | L7 AR-1260-4    | 7.969  | 6.775 | 12640912 | 3626859  | 214.537  | 34.896 #   |
| 35)                         | L7 AR-1260-5    | 8.296  | 7.015 | 4223807  | 8465885  | 44.784   | 41.766     |
| 36)                         | L8 AR-1262-1    | 7.815  | 6.571 | 1480122  | 2830336  | 48.193   | 43.359     |
| 37)                         | L8 AR-1262-2    | 8.296  | 6.775 | 4223807  | 3626859  | 43.591   | 28.305 #   |
| 38)                         | L8 AR-1262-3    | 8.618  | 0.000 | 3381108  | 0        | 50.518   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.357 | 0        | 7668292  | N.D.     | 49.526 #   |
| 41)                         | L9 AR-1268-1    | 8.618  | 0.000 | 3381108  | 0        | 25.402   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.357 | 0        | 7668292  | N.D.     | 31.789 #   |
| -----                       |                 |        |       |          |          |          |            |

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

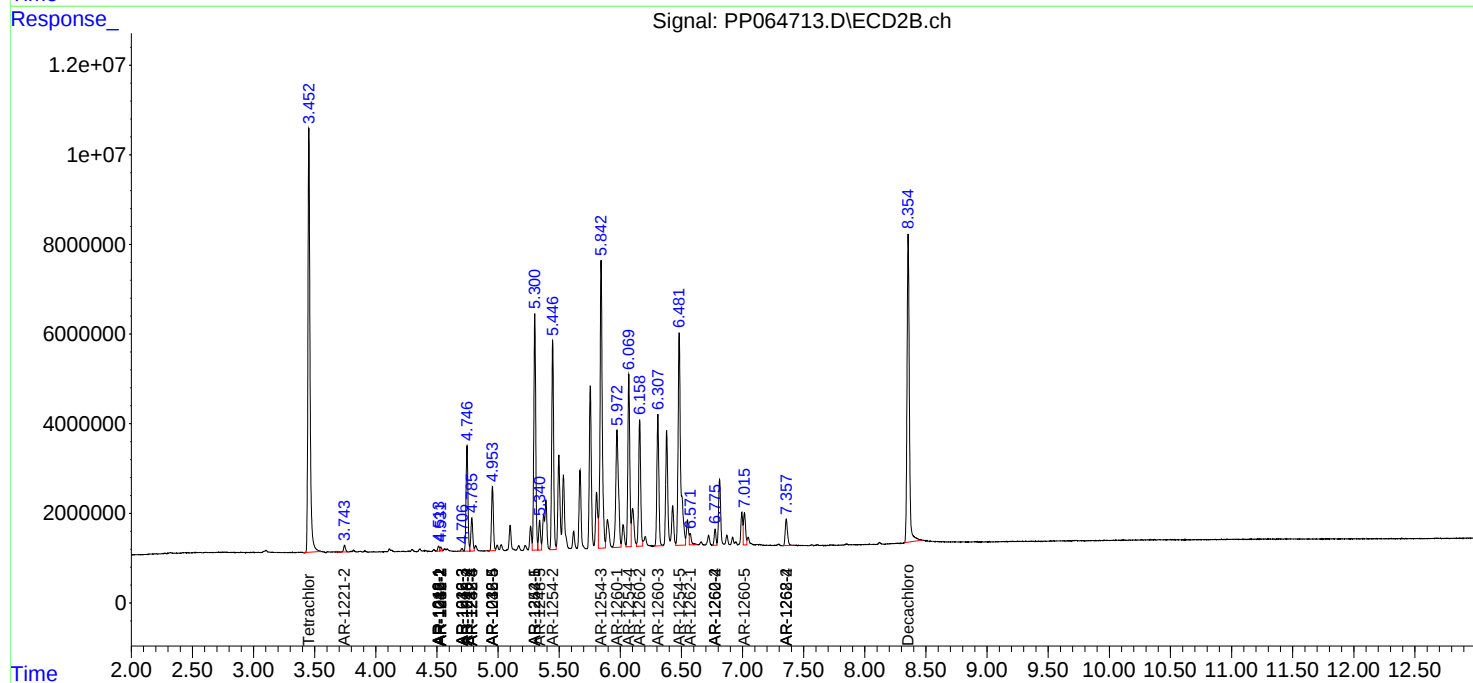
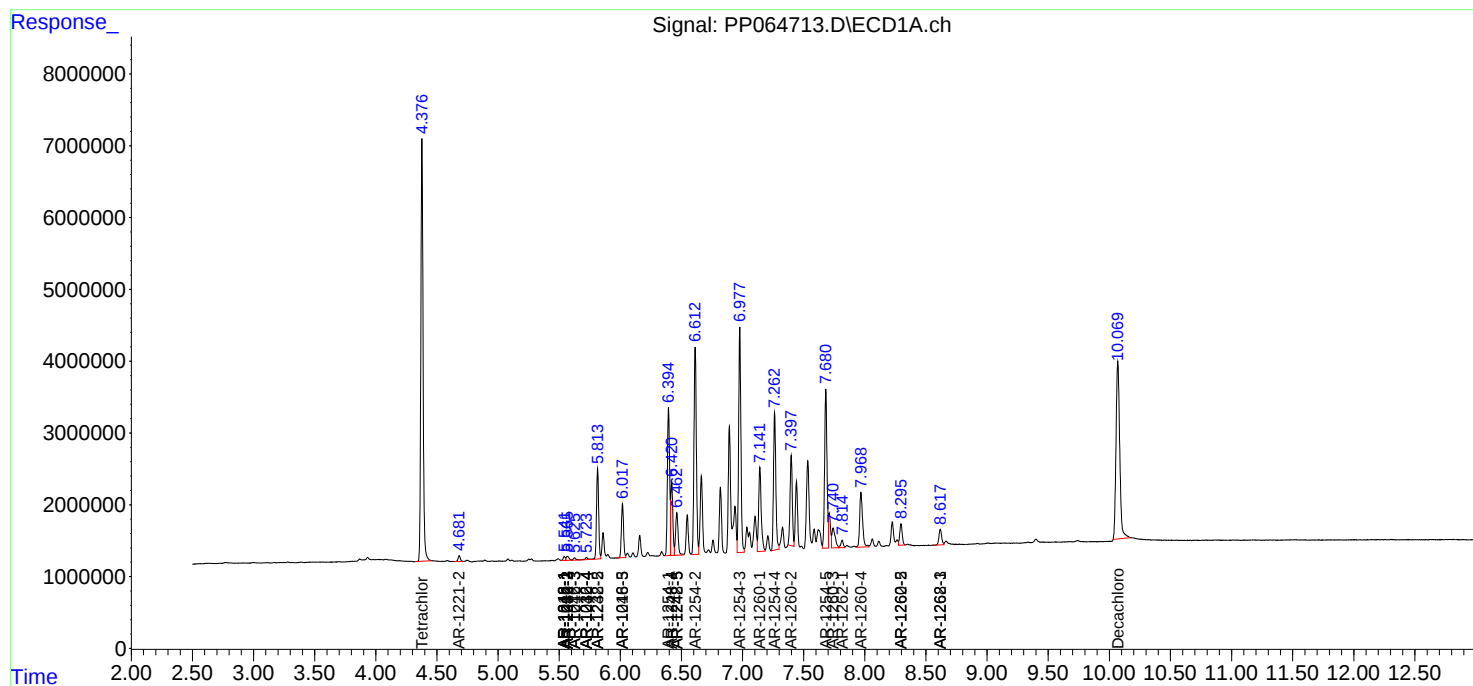
Instrument :  
ECD\_P  
ClientSampleId :

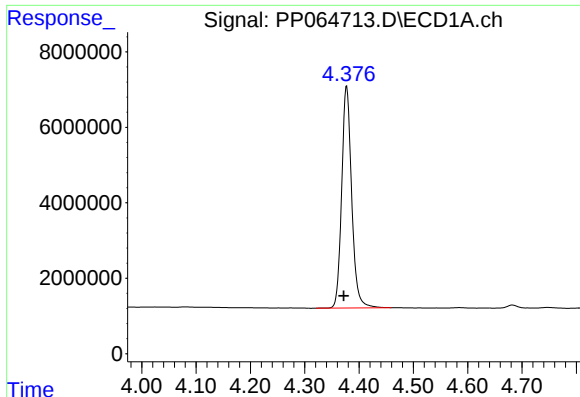
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP050324\  
Data File : PP064713.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 May 2024 14:35  
Operator : YP\AJ  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 04 04:33:38 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP043024.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed May 01 05:01:39 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

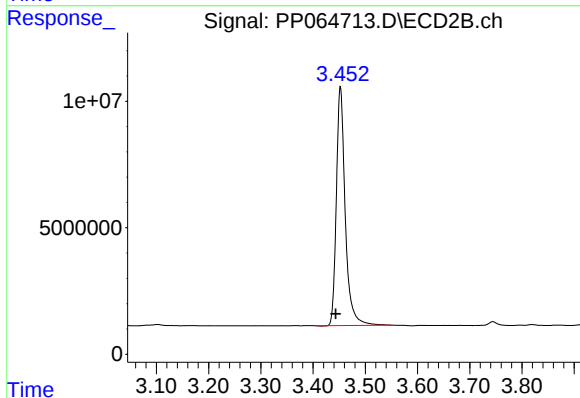




#1 Tetrachloro-m-xylene

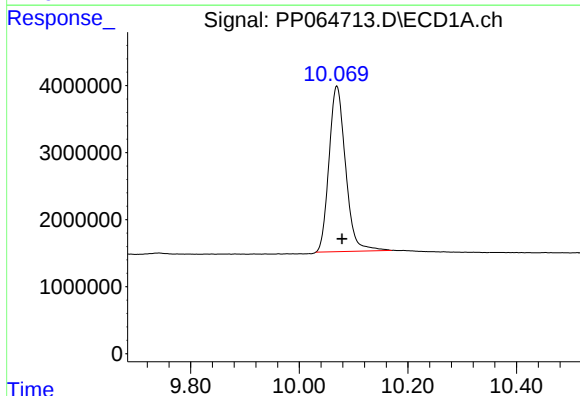
R.T.: 4.377 min  
Delta R.T.: 0.005 min  
Response: 74892469  
Conc: 42.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



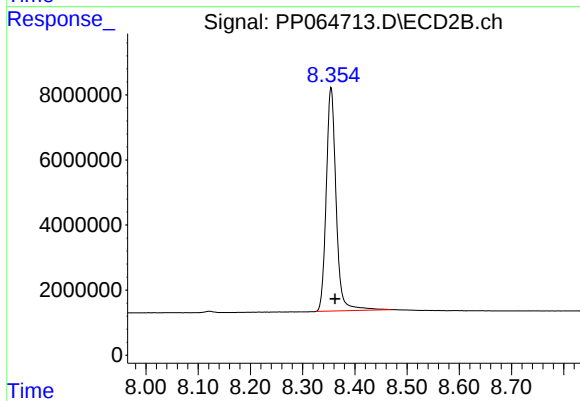
#1 Tetrachloro-m-xylene

R.T.: 3.452 min  
Delta R.T.: 0.009 min  
Response: 111633401  
Conc: 47.35 ng/ml



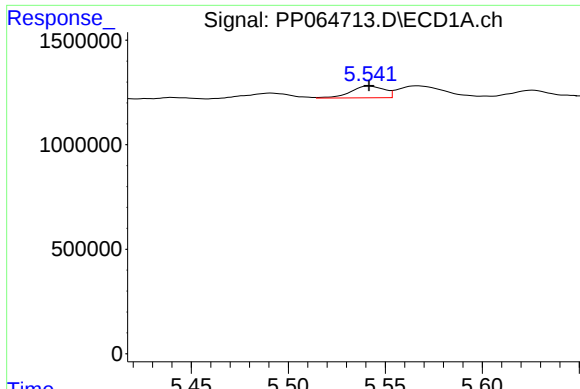
#2 Decachlorobiphenyl

R.T.: 10.069 min  
Delta R.T.: -0.009 min  
Response: 52127765  
Conc: 58.59 ng/ml



#2 Decachlorobiphenyl

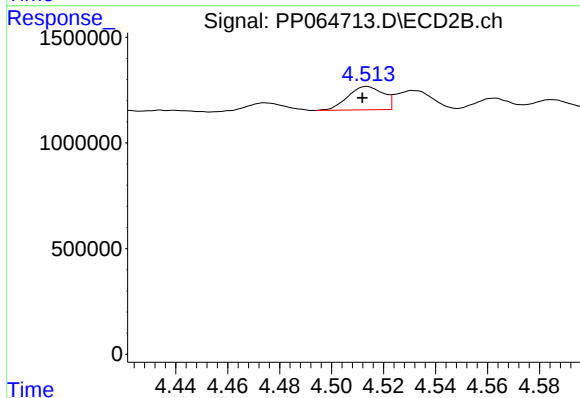
R.T.: 8.354 min  
Delta R.T.: -0.008 min  
Response: 90376253  
Conc: 48.45 ng/ml



#3 AR-1016-1

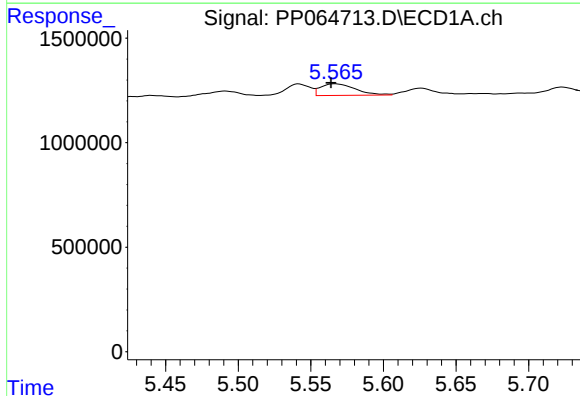
R.T.: 5.542 min  
Delta R.T.: 0.000 min  
Response: 682450  
Conc: 14.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



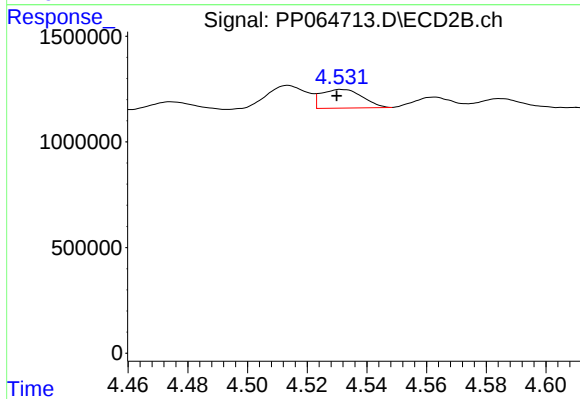
#3 AR-1016-1

R.T.: 4.514 min  
Delta R.T.: 0.002 min  
Response: 1044461  
Conc: 15.20 ng/ml



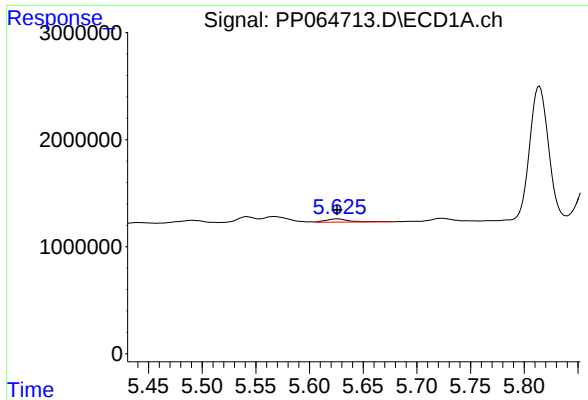
#4 AR-1016-2

R.T.: 5.567 min  
Delta R.T.: 0.003 min  
Response: 928186  
Conc: 12.77 ng/ml



#4 AR-1016-2

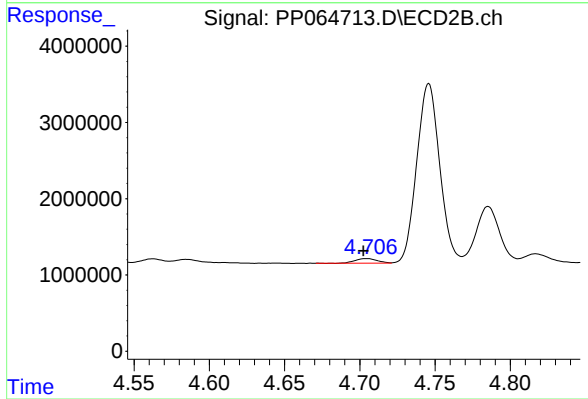
R.T.: 4.532 min  
Delta R.T.: 0.002 min  
Response: 844116  
Conc: 8.35 ng/ml



#5 AR-1016-3

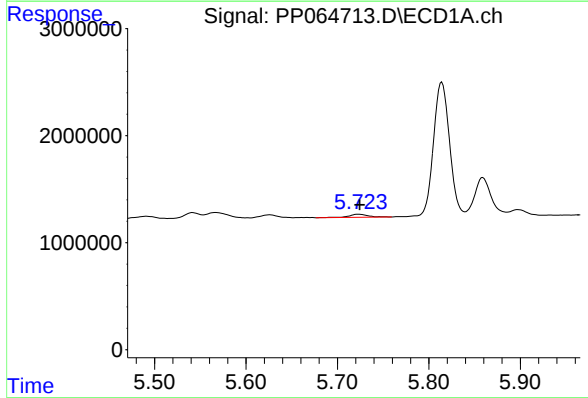
R.T.: 5.626 min  
Delta R.T.: 0.000 min  
Response: 458433  
Conc: 9.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



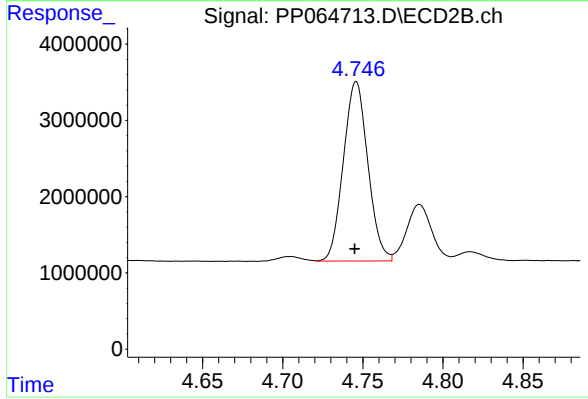
#5 AR-1016-3

R.T.: 4.705 min  
Delta R.T.: 0.002 min  
Response: 607121  
Conc: 11.11 ng/ml



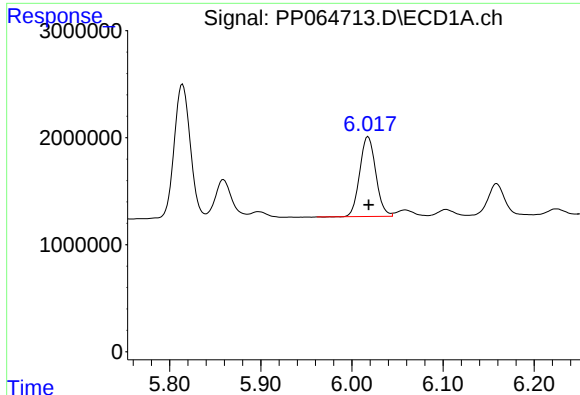
#6 AR-1016-4

R.T.: 5.723 min  
Delta R.T.: -0.001 min  
Response: 416054  
Conc: 11.13 ng/ml



#6 AR-1016-4

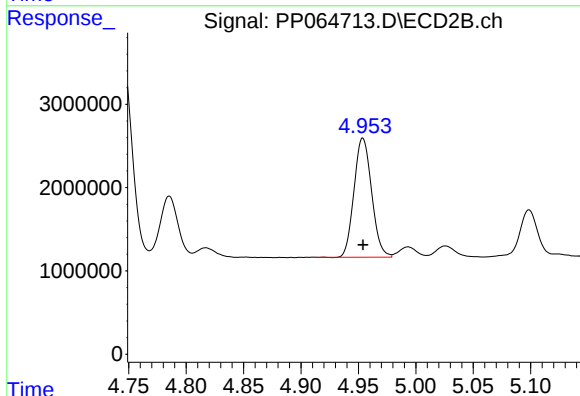
R.T.: 4.746 min  
Delta R.T.: 0.000 min  
Response: 25056137  
Conc: 532.41 ng/ml



#7 AR-1016-5

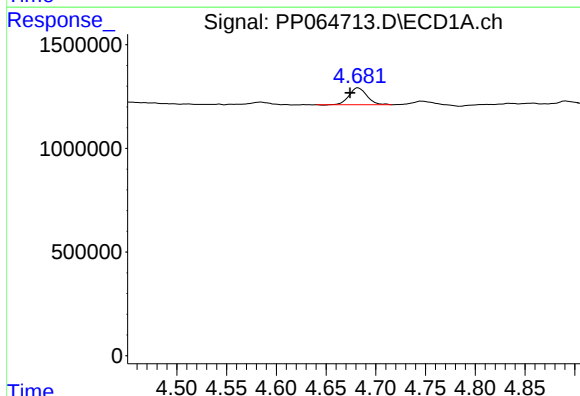
R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 9165689  
Conc: 237.92 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



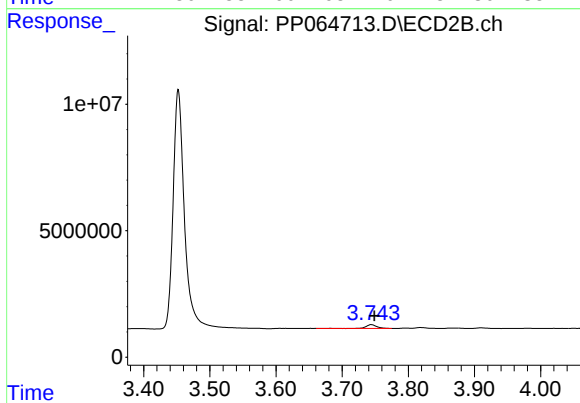
#7 AR-1016-5

R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 15282400  
Conc: 254.03 ng/ml



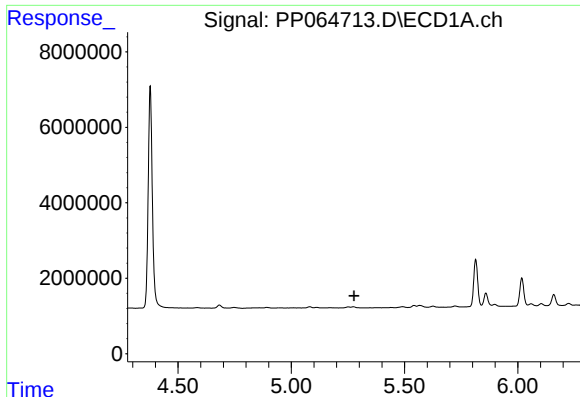
#9 AR-1221-2

R.T.: 4.682 min  
Delta R.T.: 0.008 min  
Response: 1013129  
Conc: 75.95 ng/ml



#9 AR-1221-2

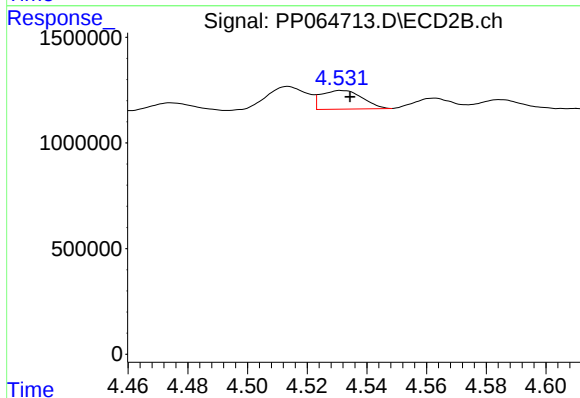
R.T.: 3.744 min  
Delta R.T.: -0.005 min  
Response: 1612510  
Conc: 78.19 ng/ml



#12 AR-1232-2

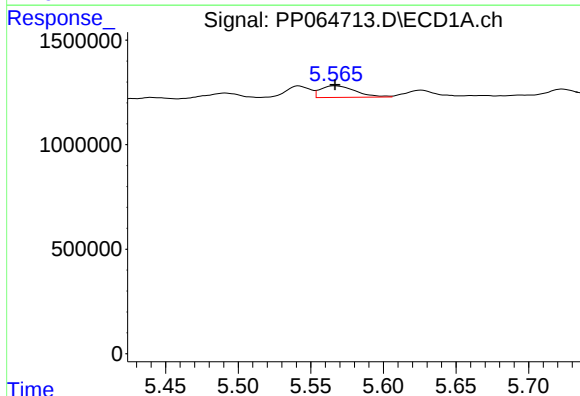
R.T.: 5.251 min  
Delta R.T.: -0.026 min  
Response: -317773  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



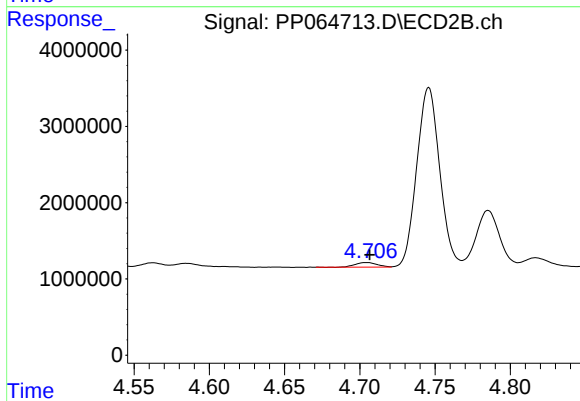
#12 AR-1232-2

R.T.: 4.532 min  
Delta R.T.: -0.003 min  
Response: 844116  
Conc: 18.91 ng/ml



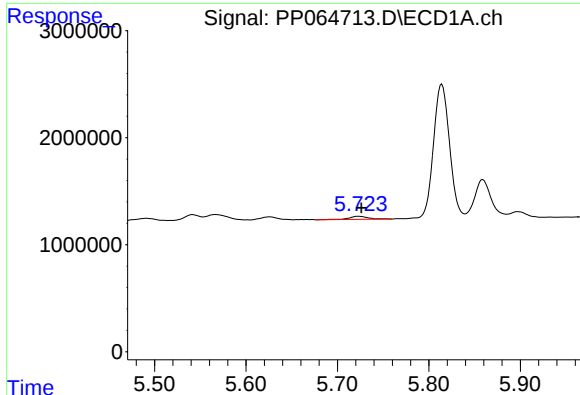
#13 AR-1232-3

R.T.: 5.567 min  
Delta R.T.: 0.000 min  
Response: 928186  
Conc: 28.68 ng/ml



#13 AR-1232-3

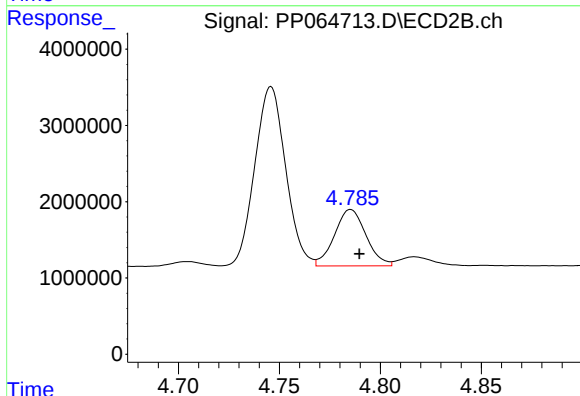
R.T.: 4.705 min  
Delta R.T.: -0.002 min  
Response: 607121  
Conc: 25.50 ng/ml



#14 AR-1232-4

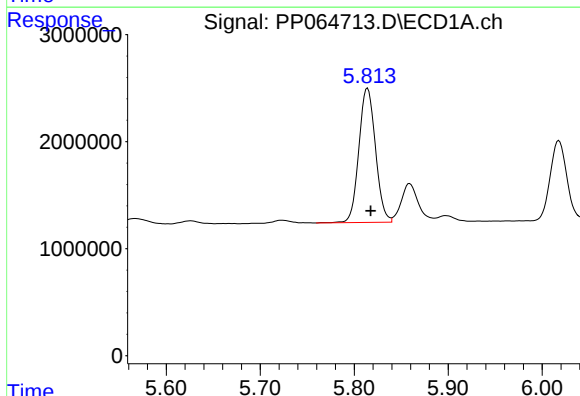
R.T.: 5.723 min  
Delta R.T.: -0.003 min  
Response: 416054  
Conc: 24.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



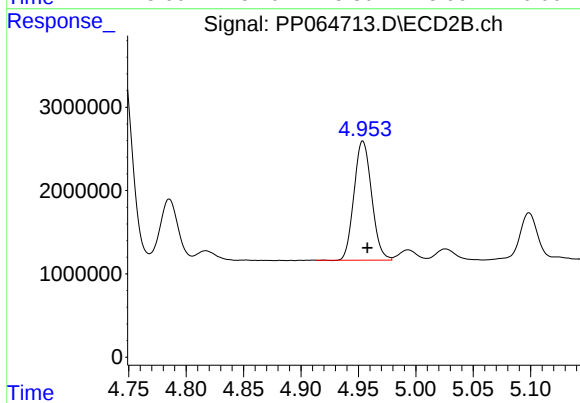
#14 AR-1232-4

R.T.: 4.785 min  
Delta R.T.: -0.004 min  
Response: 8037230  
Conc: 341.70 ng/ml



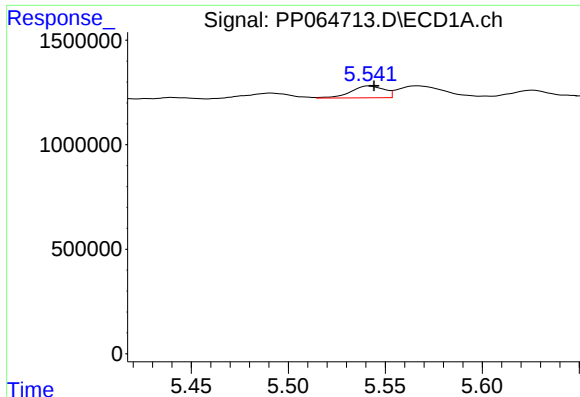
#15 AR-1232-5

R.T.: 5.814 min  
Delta R.T.: -0.003 min  
Response: 15419838  
Conc: 1086.80 ng/ml



#15 AR-1232-5

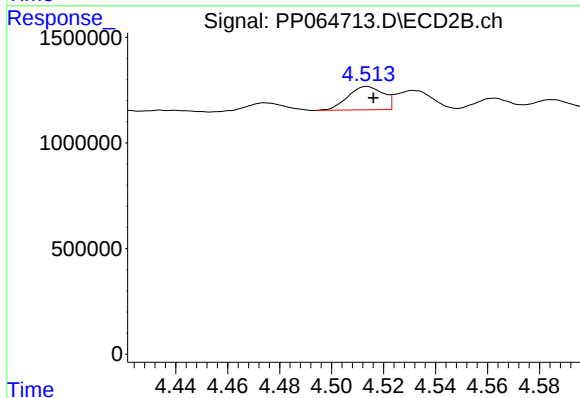
R.T.: 4.954 min  
Delta R.T.: -0.004 min  
Response: 15282400  
Conc: 616.71 ng/ml



#16 AR-1242-1

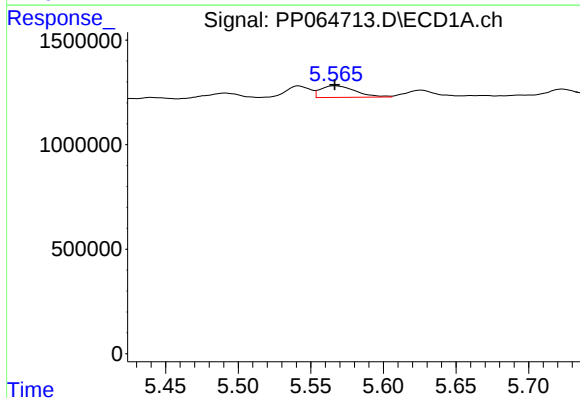
R.T.: 5.542 min  
Delta R.T.: -0.003 min  
Response: 682450  
Conc: 17.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



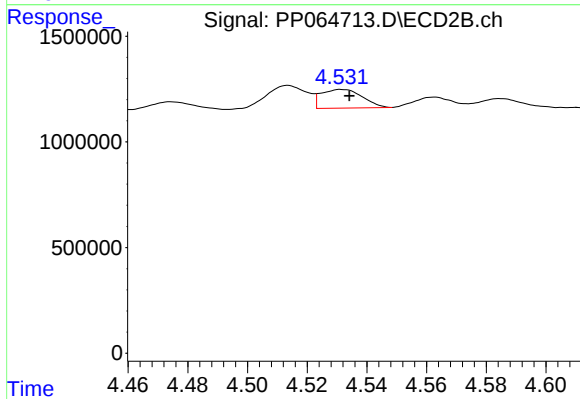
#16 AR-1242-1

R.T.: 4.514 min  
Delta R.T.: -0.003 min  
Response: 1044461  
Conc: 18.33 ng/ml



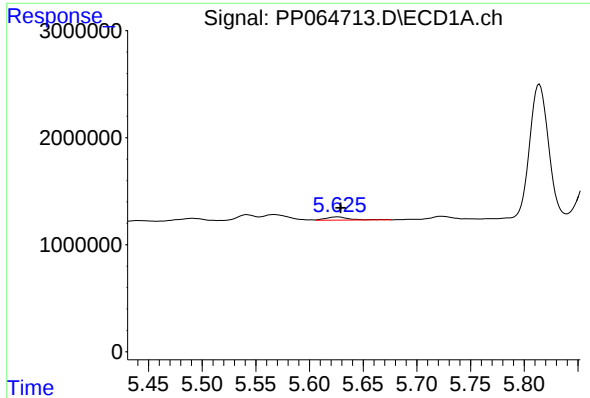
#17 AR-1242-2

R.T.: 5.567 min  
Delta R.T.: 0.000 min  
Response: 928186  
Conc: 15.36 ng/ml



#17 AR-1242-2

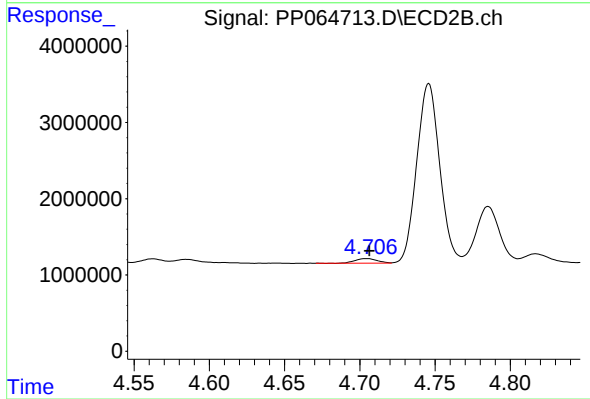
R.T.: 4.532 min  
Delta R.T.: -0.002 min  
Response: 844116  
Conc: 10.21 ng/ml



#18 AR-1242-3

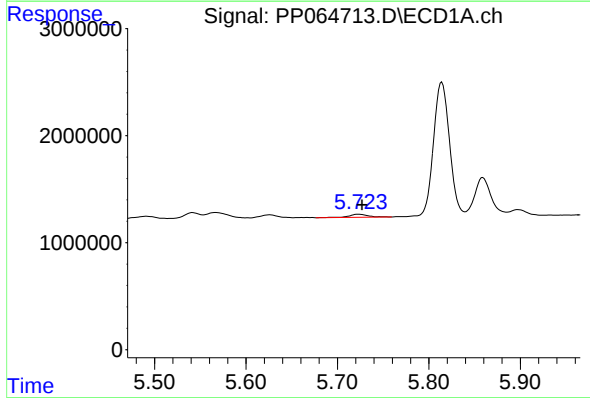
R.T.: 5.626 min  
Delta R.T.: -0.003 min  
Response: 458433  
Conc: 11.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



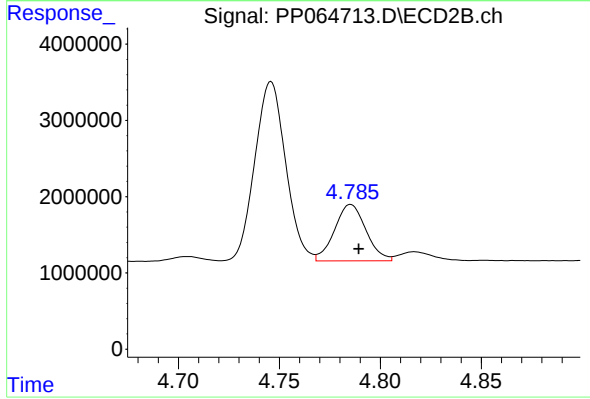
#18 AR-1242-3

R.T.: 4.705 min  
Delta R.T.: -0.002 min  
Response: 607121  
Conc: 13.46 ng/ml



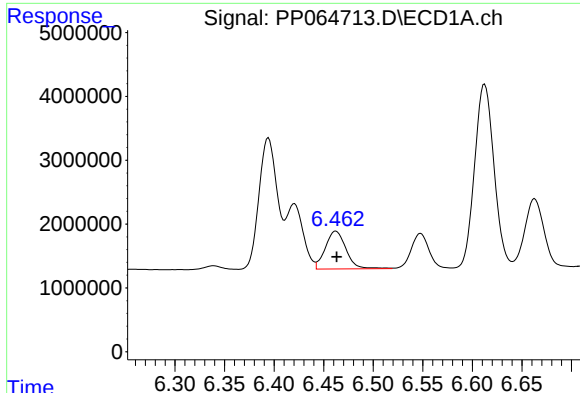
#19 AR-1242-4

R.T.: 5.723 min  
Delta R.T.: -0.004 min  
Response: 416054  
Conc: 13.25 ng/ml



#19 AR-1242-4

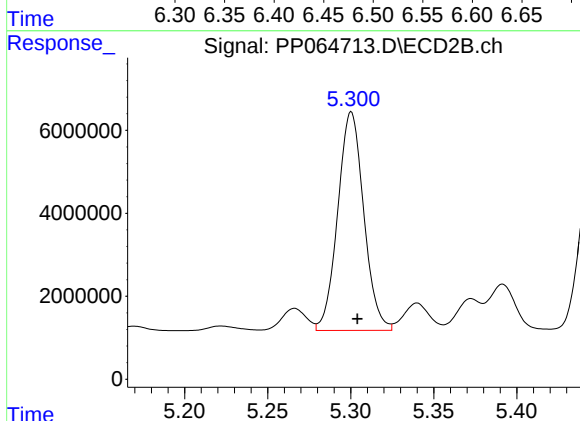
R.T.: 4.785 min  
Delta R.T.: -0.004 min  
Response: 8037230  
Conc: 166.37 ng/ml



#20 AR-1242-5

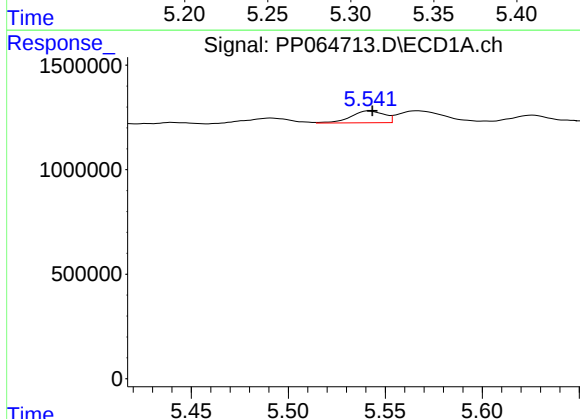
R.T.: 6.462 min  
Delta R.T.: 0.000 min  
Response: 8621317  
Conc: 287.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



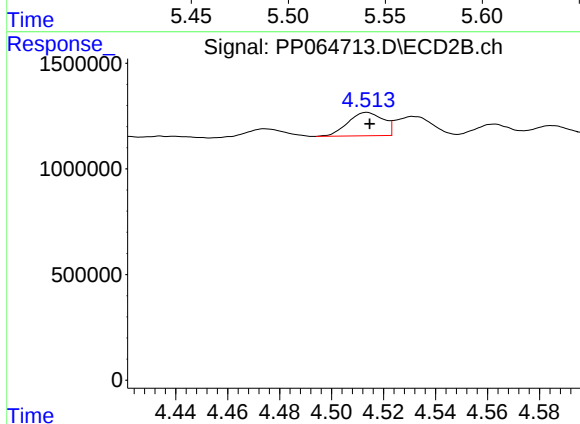
#20 AR-1242-5

R.T.: 5.300 min  
Delta R.T.: -0.004 min  
Response: 57446453  
Conc: 1143.25 ng/ml



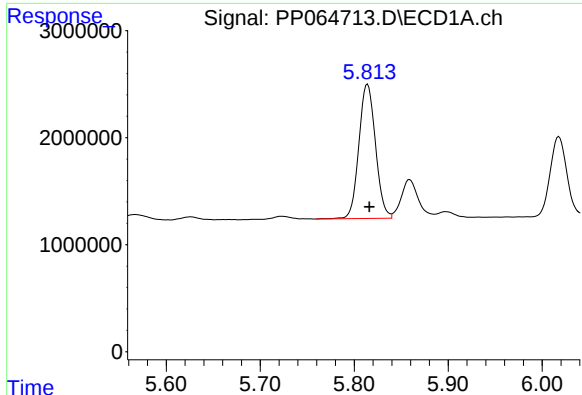
#21 AR-1248-1

R.T.: 5.542 min  
Delta R.T.: -0.001 min  
Response: 682450  
Conc: 22.49 ng/ml



#21 AR-1248-1

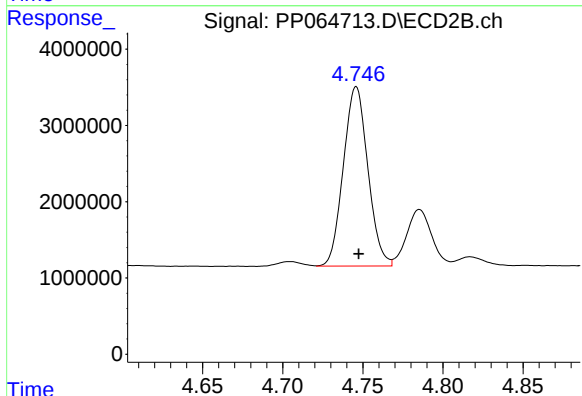
R.T.: 4.514 min  
Delta R.T.: -0.001 min  
Response: 1044461  
Conc: 24.09 ng/ml



#22 AR-1248-2

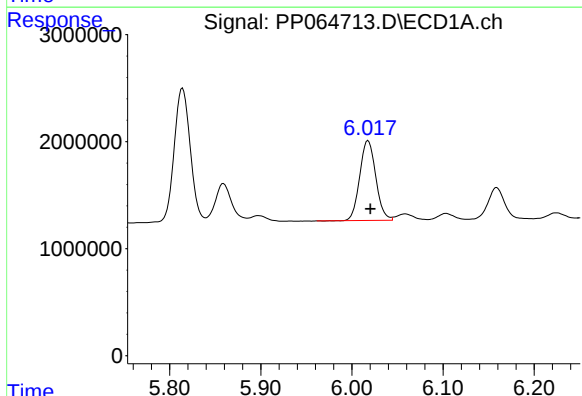
R.T.: 5.814 min  
Delta R.T.: -0.002 min  
Response: 15419838  
Conc: 307.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



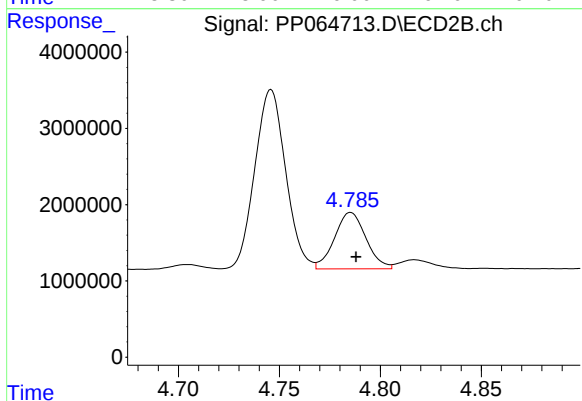
#22 AR-1248-2

R.T.: 4.746 min  
Delta R.T.: -0.002 min  
Response: 25056137  
Conc: 366.81 ng/ml



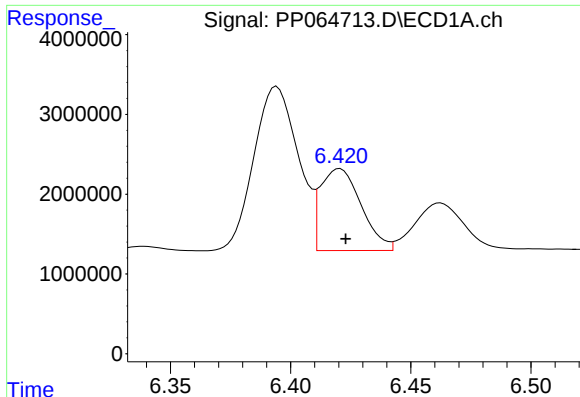
#23 AR-1248-3

R.T.: 6.018 min  
Delta R.T.: -0.002 min  
Response: 9165689  
Conc: 170.71 ng/ml



#23 AR-1248-3

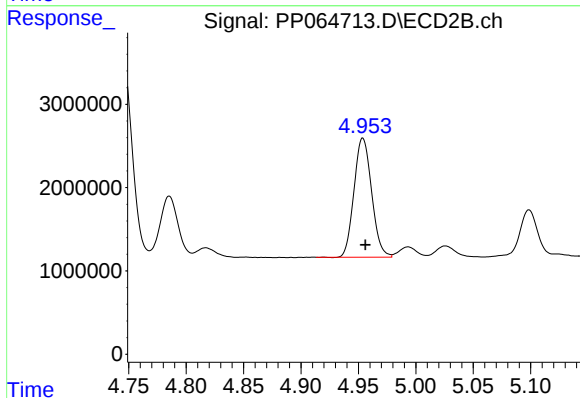
R.T.: 4.785 min  
Delta R.T.: -0.003 min  
Response: 8037230  
Conc: 112.40 ng/ml



#24 AR-1248-4

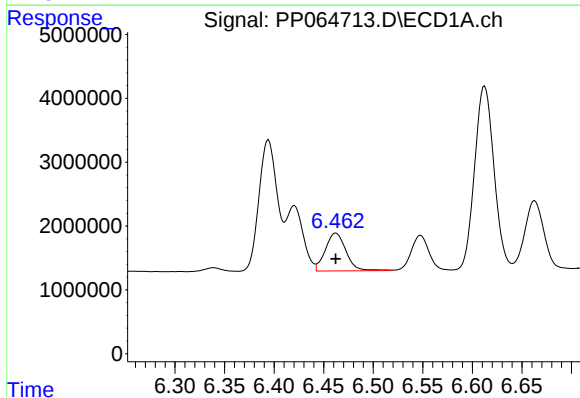
R.T.: 6.420 min  
Delta R.T.: -0.003 min  
Response: 12061213  
Conc: 243.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



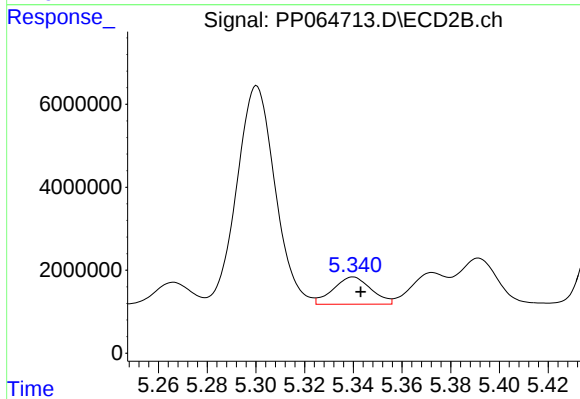
#24 AR-1248-4

R.T.: 4.954 min  
Delta R.T.: -0.002 min  
Response: 15282400  
Conc: 184.18 ng/ml



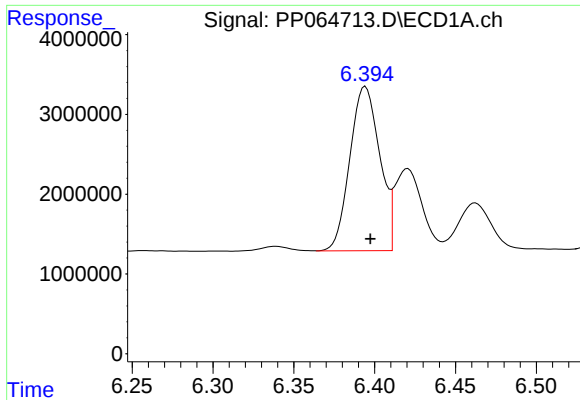
#25 AR-1248-5

R.T.: 6.462 min  
Delta R.T.: 0.000 min  
Response: 8621317  
Conc: 167.43 ng/ml



#25 AR-1248-5

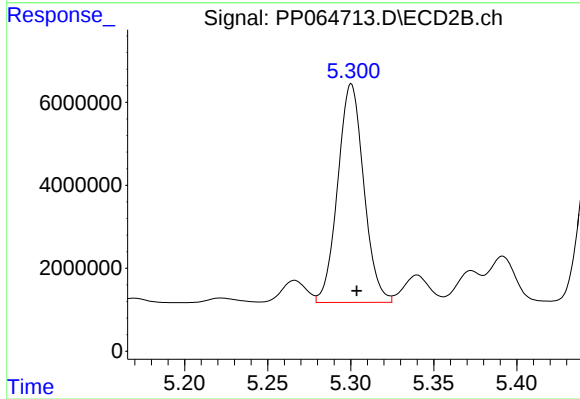
R.T.: 5.340 min  
Delta R.T.: -0.003 min  
Response: 7105951  
Conc: 110.00 ng/ml



#26 AR-1254-1

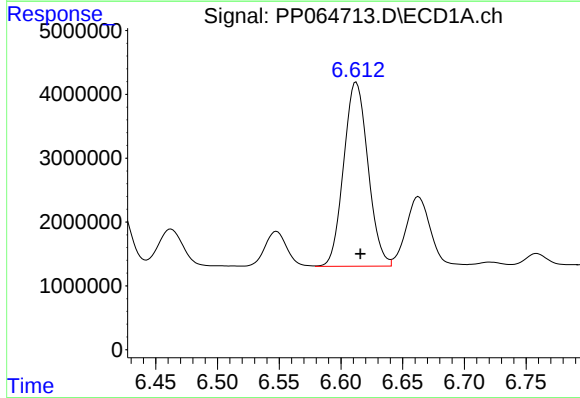
R.T.: 6.394 min  
Delta R.T.: -0.003 min  
Response: 26452925  
Conc: 443.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



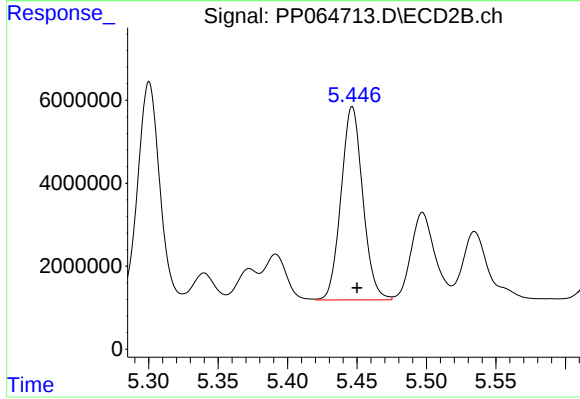
#26 AR-1254-1

R.T.: 5.300 min  
Delta R.T.: -0.003 min  
Response: 57446453  
Conc: 487.19 ng/ml



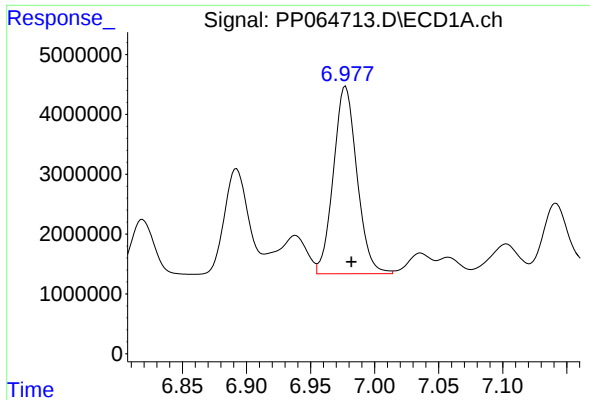
#27 AR-1254-2

R.T.: 6.612 min  
Delta R.T.: -0.003 min  
Response: 39516876  
Conc: 450.26 ng/ml



#27 AR-1254-2

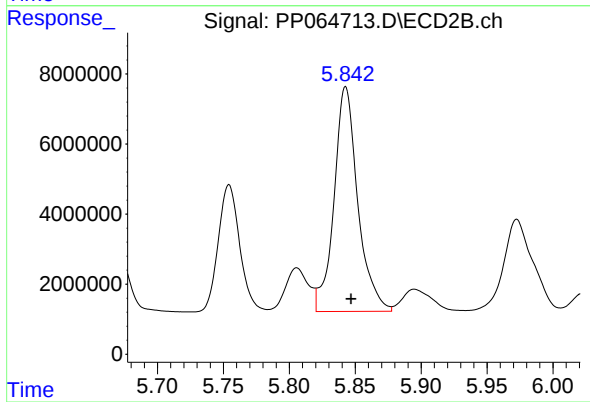
R.T.: 5.447 min  
Delta R.T.: -0.003 min  
Response: 50827708  
Conc: 482.07 ng/ml



#28 AR-1254-3

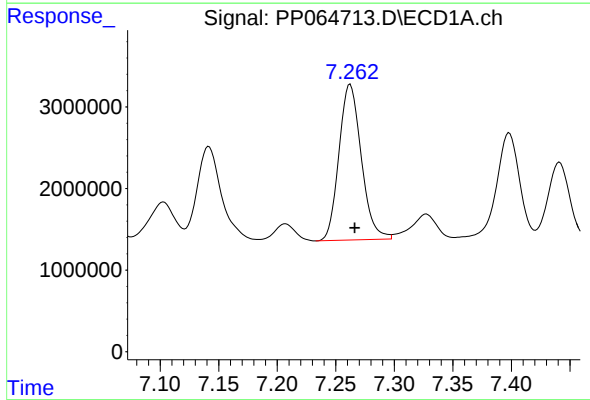
R.T.: 6.977 min  
Delta R.T.: -0.004 min  
Response: 40083143  
Conc: 472.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



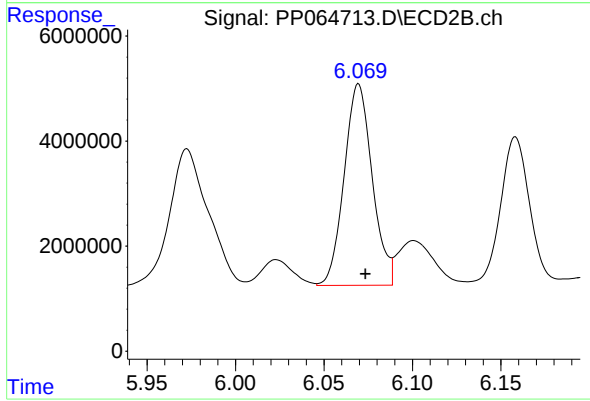
#28 AR-1254-3

R.T.: 5.843 min  
Delta R.T.: -0.004 min  
Response: 80499686  
Conc: 501.43 ng/ml



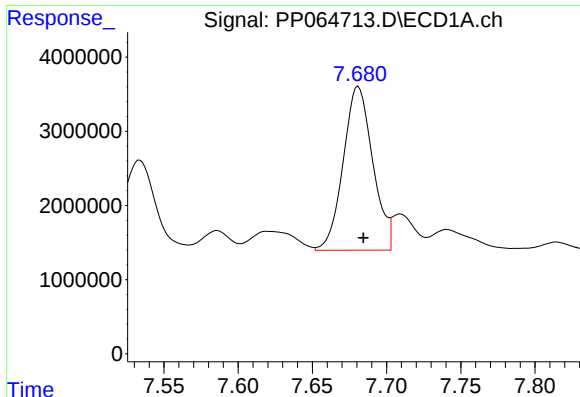
#29 AR-1254-4

R.T.: 7.262 min  
Delta R.T.: -0.004 min  
Response: 25347179  
Conc: 569.17 ng/ml



#29 AR-1254-4

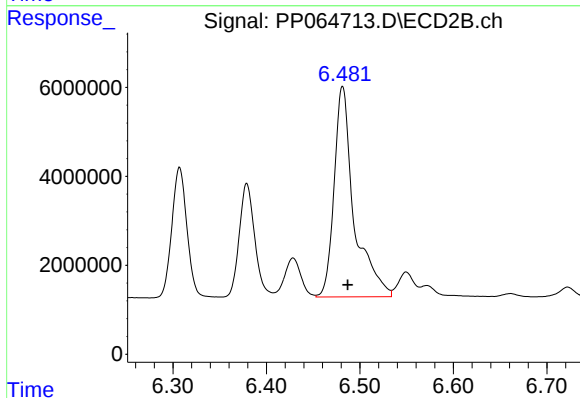
R.T.: 6.070 min  
Delta R.T.: -0.004 min  
Response: 42378245  
Conc: 589.38 ng/ml



#30 AR-1254-5

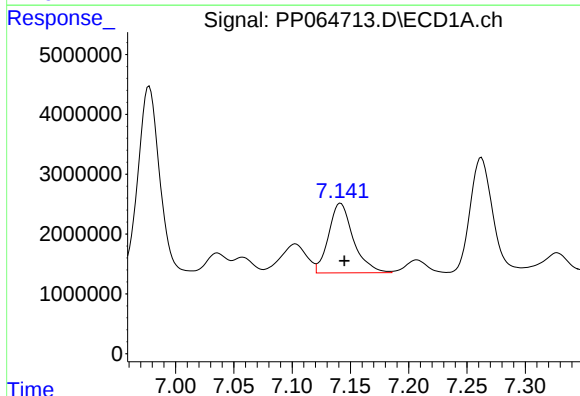
R.T.: 7.681 min  
Delta R.T.: -0.003 min  
Response: 30575865  
Conc: 554.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



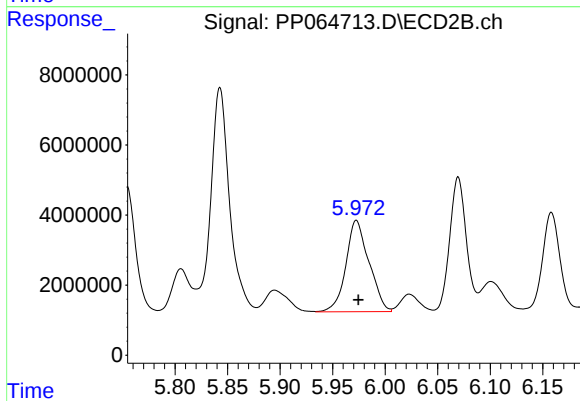
#30 AR-1254-5

R.T.: 6.481 min  
Delta R.T.: -0.005 min  
Response: 70062703  
Conc: 537.42 ng/ml



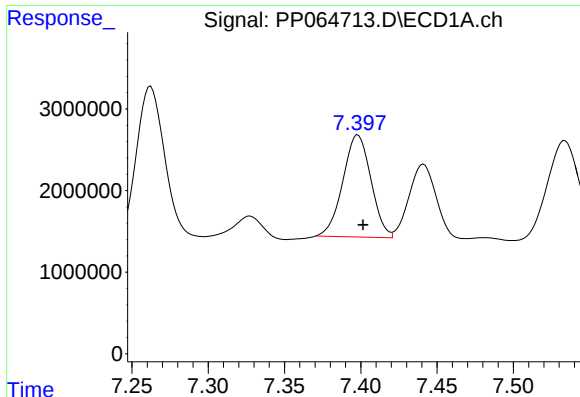
#31 AR-1260-1

R.T.: 7.142 min  
Delta R.T.: -0.003 min  
Response: 17234512  
Conc: 251.90 ng/ml



#31 AR-1260-1

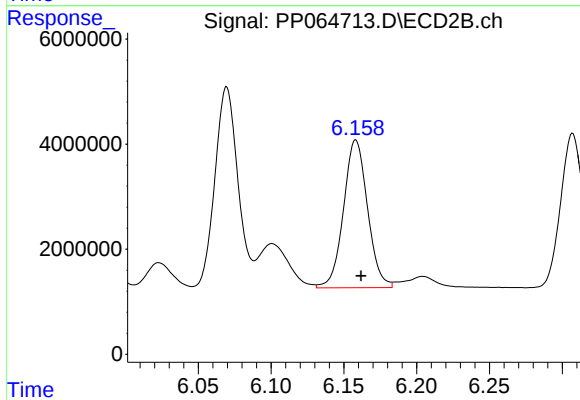
R.T.: 5.973 min  
Delta R.T.: -0.002 min  
Response: 40002624  
Conc: 340.60 ng/ml



#32 AR-1260-2

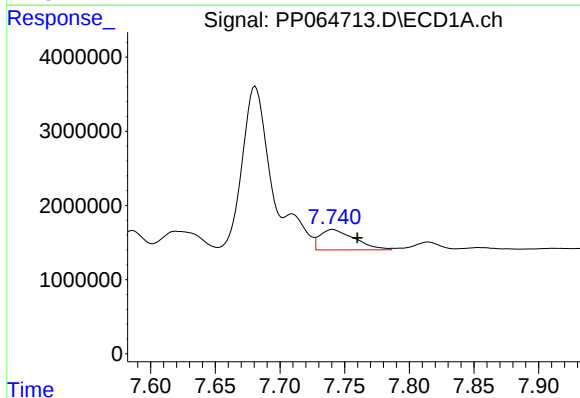
R.T.: 7.398 min  
Delta R.T.: -0.003 min  
Response: 16040462  
Conc: 225.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



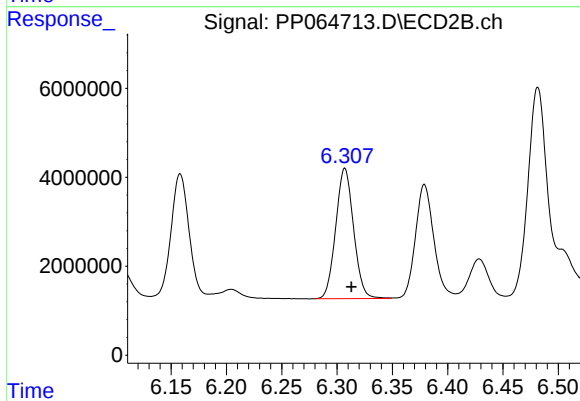
#32 AR-1260-2

R.T.: 6.158 min  
Delta R.T.: -0.004 min  
Response: 32346915  
Conc: 247.34 ng/ml



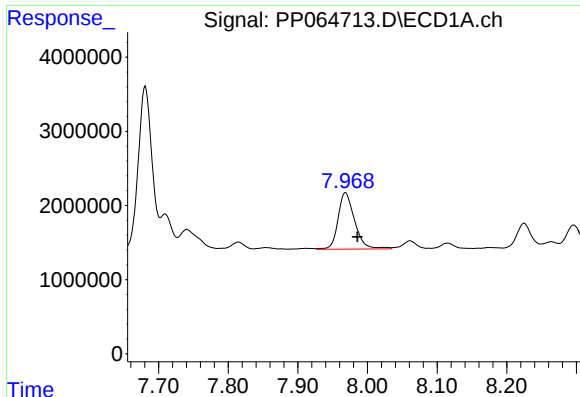
#33 AR-1260-3

R.T.: 7.741 min  
Delta R.T.: -0.019 min  
Response: 5163672  
Conc: 91.77 ng/ml



#33 AR-1260-3

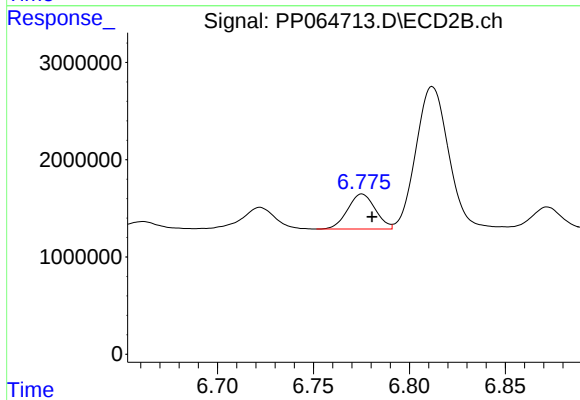
R.T.: 6.307 min  
Delta R.T.: -0.006 min  
Response: 32915085  
Conc: 256.09 ng/ml



#34 AR-1260-4

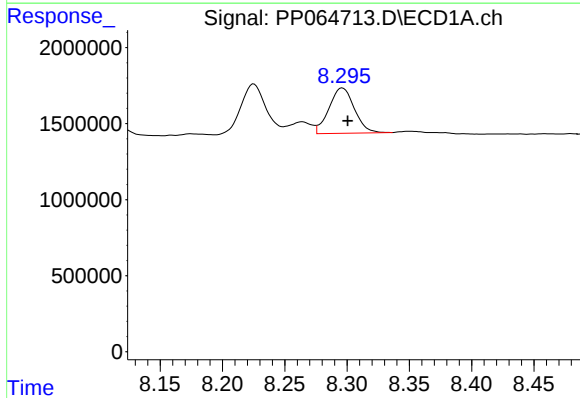
R.T.: 7.969 min  
Delta R.T.: -0.017 min  
Response: 12640912  
Conc: 214.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



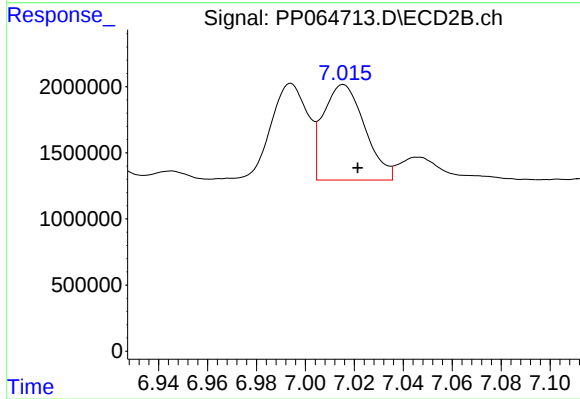
#34 AR-1260-4

R.T.: 6.775 min  
Delta R.T.: -0.005 min  
Response: 3626859  
Conc: 34.90 ng/ml



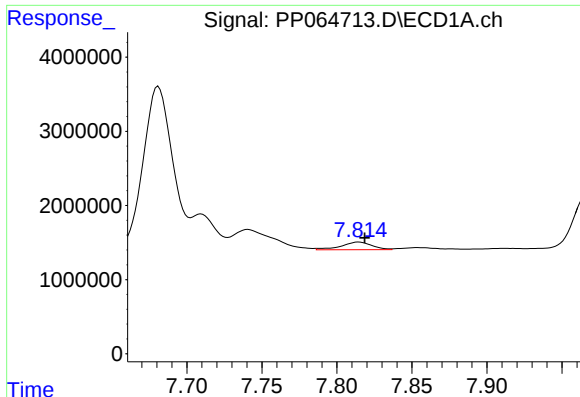
#35 AR-1260-5

R.T.: 8.296 min  
Delta R.T.: -0.004 min  
Response: 4223807  
Conc: 44.78 ng/ml



#35 AR-1260-5

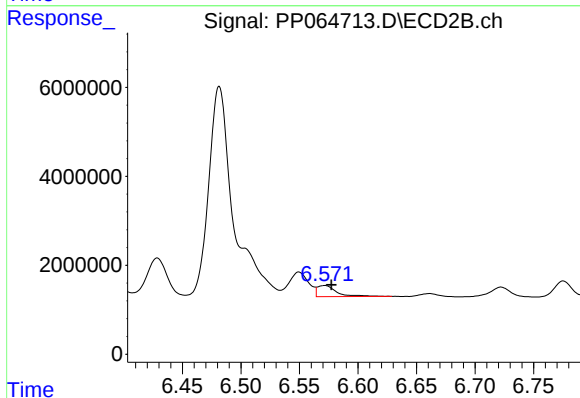
R.T.: 7.015 min  
Delta R.T.: -0.006 min  
Response: 8465885  
Conc: 41.77 ng/ml



#36 AR-1262-1

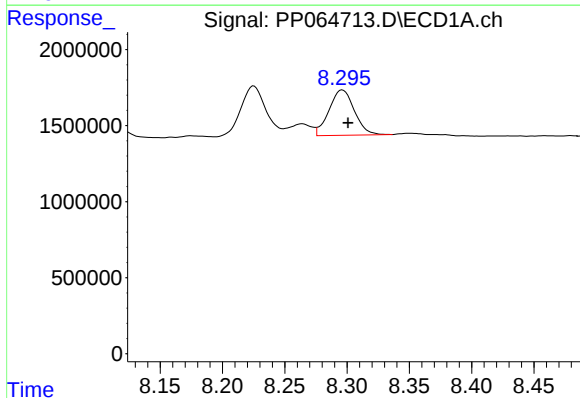
R.T.: 7.815 min  
Delta R.T.: -0.004 min  
Response: 1480122  
Conc: 48.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



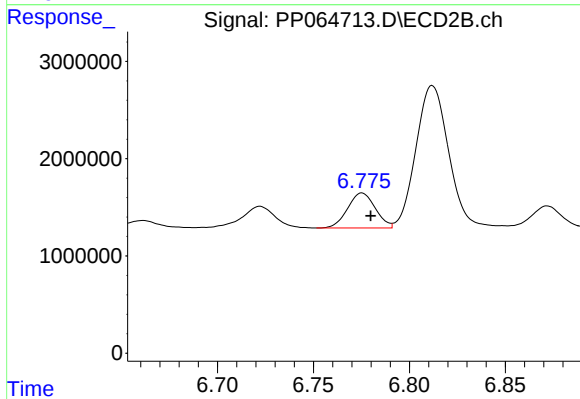
#36 AR-1262-1

R.T.: 6.571 min  
Delta R.T.: -0.006 min  
Response: 2830336  
Conc: 43.36 ng/ml



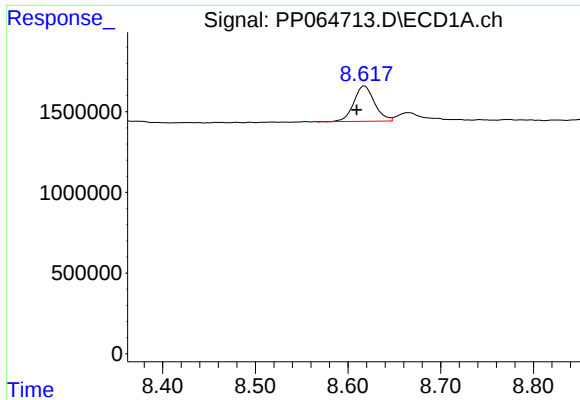
#37 AR-1262-2

R.T.: 8.296 min  
Delta R.T.: -0.005 min  
Response: 4223807  
Conc: 43.59 ng/ml



#37 AR-1262-2

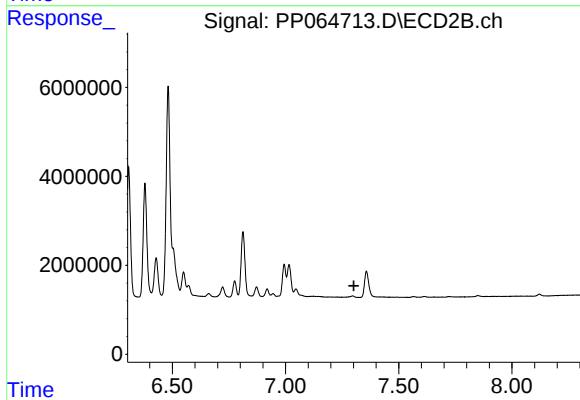
R.T.: 6.775 min  
Delta R.T.: -0.005 min  
Response: 3626859  
Conc: 28.31 ng/ml



#38 AR-1262-3

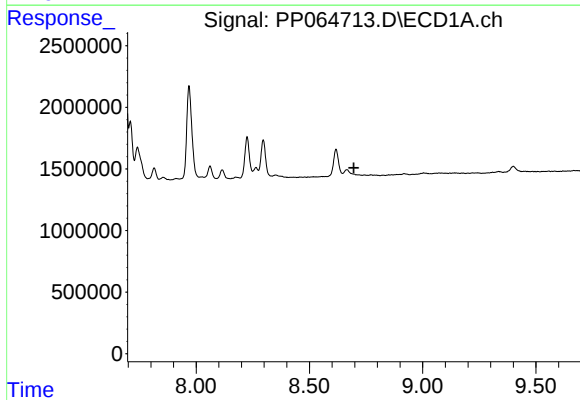
R.T.: 8.618 min  
Delta R.T.: 0.008 min  
Response: 3381108  
Conc: 50.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



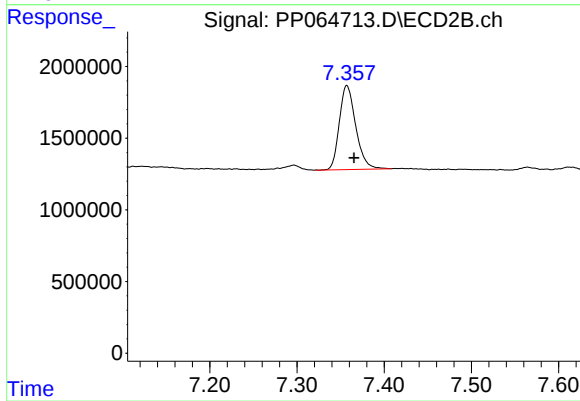
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 7.302 min  
Response: 0  
Conc: N.D.



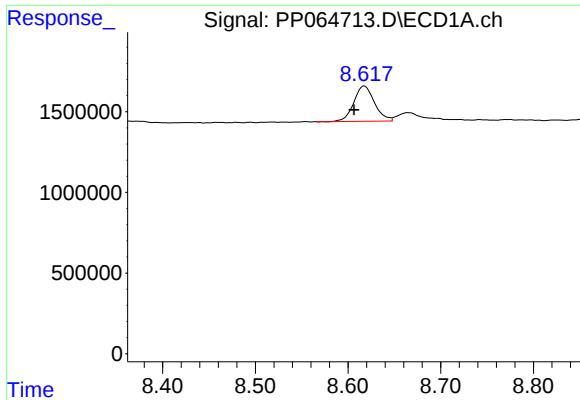
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.697 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

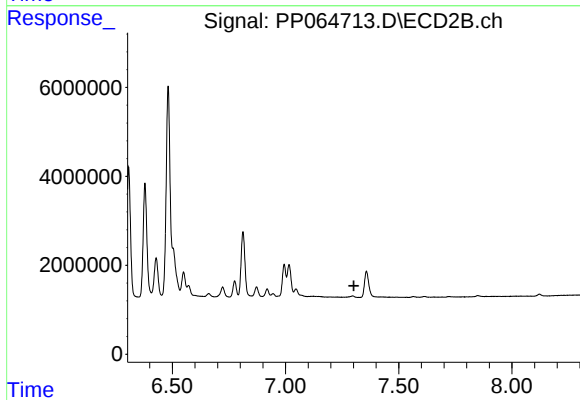
R.T.: 7.357 min  
Delta R.T.: -0.008 min  
Response: 7668292  
Conc: 49.53 ng/ml



#41 AR-1268-1

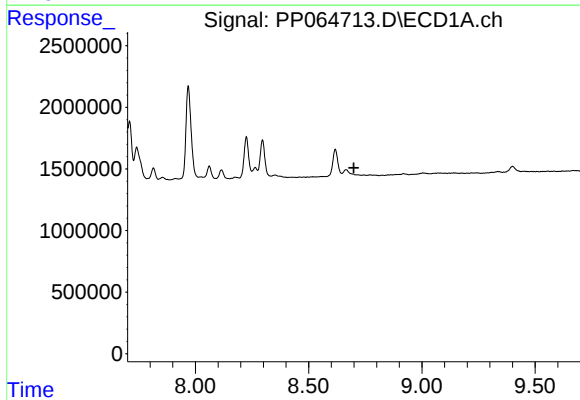
R.T.: 8.618 min  
Delta R.T.: 0.011 min  
Response: 3381108  
Conc: 25.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



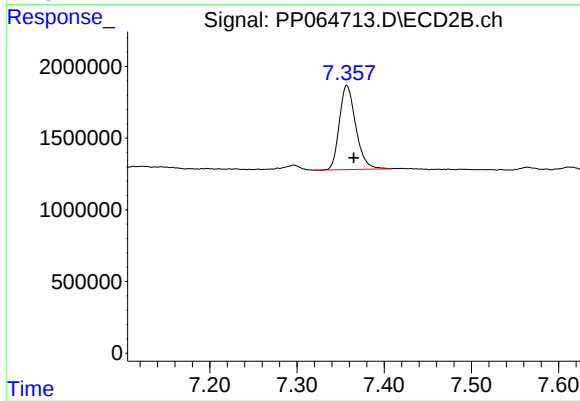
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 7.302 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.699 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.357 min  
Delta R.T.: -0.008 min  
Response: 7668292  
Conc: 31.79 ng/ml