

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP050424\  
 Data File : PP064787.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 May 2024 19:53  
 Operator : YP\AJ  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 05 22:53:23 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  | 3.454 | 73309074 | 112.3E6  | 41.651   | 47.645     |
| 2)                          | SA Decachlor... | 10.068 | 8.351 | 53845313 | 91315257 | 60.520   | 48.952     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 3)                          | L1 AR-1016-1    | 5.539  | 4.512 | 686941   | 1083162  | 14.371   | 15.762     |
| 4)                          | L1 AR-1016-2    | 5.566  | 4.530 | 897401   | 818880   | 12.350   | 8.100 #    |
| 5)                          | L1 AR-1016-3    | 5.623  | 4.703 | 393001   | 674159   | 8.314    | 12.333 #   |
| 6)                          | L1 AR-1016-4    | 5.722  | 4.744 | 411064   | 23622685 | 11.000   | 501.952 #  |
| 7)                          | L1 AR-1016-5    | 6.016  | 4.953 | 9388742  | 17969498 | 243.710  | 298.699    |
| 9)                          | L2 AR-1221-2    | 4.682  | 3.746 | 1032789  | 1767747  | 77.420   | 85.722     |
| 12)                         | L3 AR-1232-2    | 5.272  | 4.530 | 380587   | 818880   | 20.260   | 18.348     |
| 13)                         | L3 AR-1232-3    | 5.566  | 4.703 | 897401   | 674159   | 27.733   | 28.316     |
| 14)                         | L3 AR-1232-4    | 5.722  | 4.784 | 411064   | 8255611  | 24.669   | 350.984 #  |
| 15)                         | L3 AR-1232-5    | 5.812  | 4.953 | 15747985 | 17969498 | 1109.931 | 725.145 #  |
| 16)                         | L4 AR-1242-1    | 5.539  | 4.512 | 686941   | 1083162  | 17.117   | 19.012     |
| 17)                         | L4 AR-1242-2    | 5.566  | 4.530 | 897401   | 818880   | 14.848   | 9.909 #    |
| 18)                         | L4 AR-1242-3    | 5.623  | 4.703 | 393001   | 674159   | 9.887    | 14.952 #   |
| 19)                         | L4 AR-1242-4    | 5.722  | 4.784 | 411064   | 8255611  | 13.092   | 170.892 #  |
| 20)                         | L4 AR-1242-5    | 6.461  | 5.298 | 10736639 | 60172581 | 357.427  | 1197.505 # |
| 21)                         | L5 AR-1248-1    | 5.539  | 4.512 | 686941   | 1083162  | 22.642   | 24.986     |
| 22)                         | L5 AR-1248-2    | 5.812  | 4.744 | 15747985 | 23622685 | 313.952  | 345.821    |
| 23)                         | L5 AR-1248-3    | 6.016  | 4.784 | 9388742  | 8255611  | 174.861  | 115.453 #  |
| 24)                         | L5 AR-1248-4    | 6.418  | 4.953 | 13143650 | 17969498 | 265.401  | 216.569    |
| 25)                         | L5 AR-1248-5    | 6.461  | 5.338 | 10736639 | 7672056  | 208.515  | 118.760 #  |
| 26)                         | L6 AR-1254-1    | 6.393  | 5.298 | 27053868 | 60172581 | 453.107  | 510.309    |
| 27)                         | L6 AR-1254-2    | 6.611  | 5.444 | 41742435 | 52913524 | 475.616  | 501.856    |
| 28)                         | L6 AR-1254-3    | 6.976  | 5.840 | 43219552 | 84643460 | 509.473  | 527.246    |
| 29)                         | L6 AR-1254-4    | 7.260  | 6.066 | 27388494 | 45319461 | 615.011  | 630.281    |
| 30)                         | L6 AR-1254-5    | 7.679  | 6.479 | 38418198 | 73241198 | 696.643  | 561.800    |
| 31)                         | L7 AR-1260-1    | 7.139  | 5.970 | 18478256 | 42091007 | 270.075  | 358.383 #  |
| 32)                         | L7 AR-1260-2    | 7.396  | 6.156 | 16885923 | 35388118 | 237.862  | 270.590    |
| 33)                         | L7 AR-1260-3    | 7.739f | 6.305 | 5337712  | 34439505 | 94.868   | 267.945 #  |
| 34)                         | L7 AR-1260-4    | 7.966f | 6.773 | 13173487 | 3807800  | 223.576  | 36.637 #   |
| 35)                         | L7 AR-1260-5    | 8.294  | 7.013 | 4394136  | 8891964  | 46.590   | 43.868     |
| 36)                         | L8 AR-1262-1    | 7.812  | 6.569 | 1503564  | 2855291  | 48.956   | 43.742     |
| 37)                         | L8 AR-1262-2    | 8.294  | 6.773 | 4394136  | 3807800  | 45.349   | 29.717 #   |
| 38)                         | L8 AR-1262-3    | 8.615  | 0.000 | 3562739  | 0        | 53.232   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.354 | 0        | 8115658  | N.D.     | 52.415 #   |
| 41)                         | L9 AR-1268-1    | 8.615  | 0.000 | 3562739  | 0        | 26.766   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.354 | 0        | 8115658  | N.D.     | 33.644 #   |
| -----                       |                 |        |       |          |          |          |            |

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

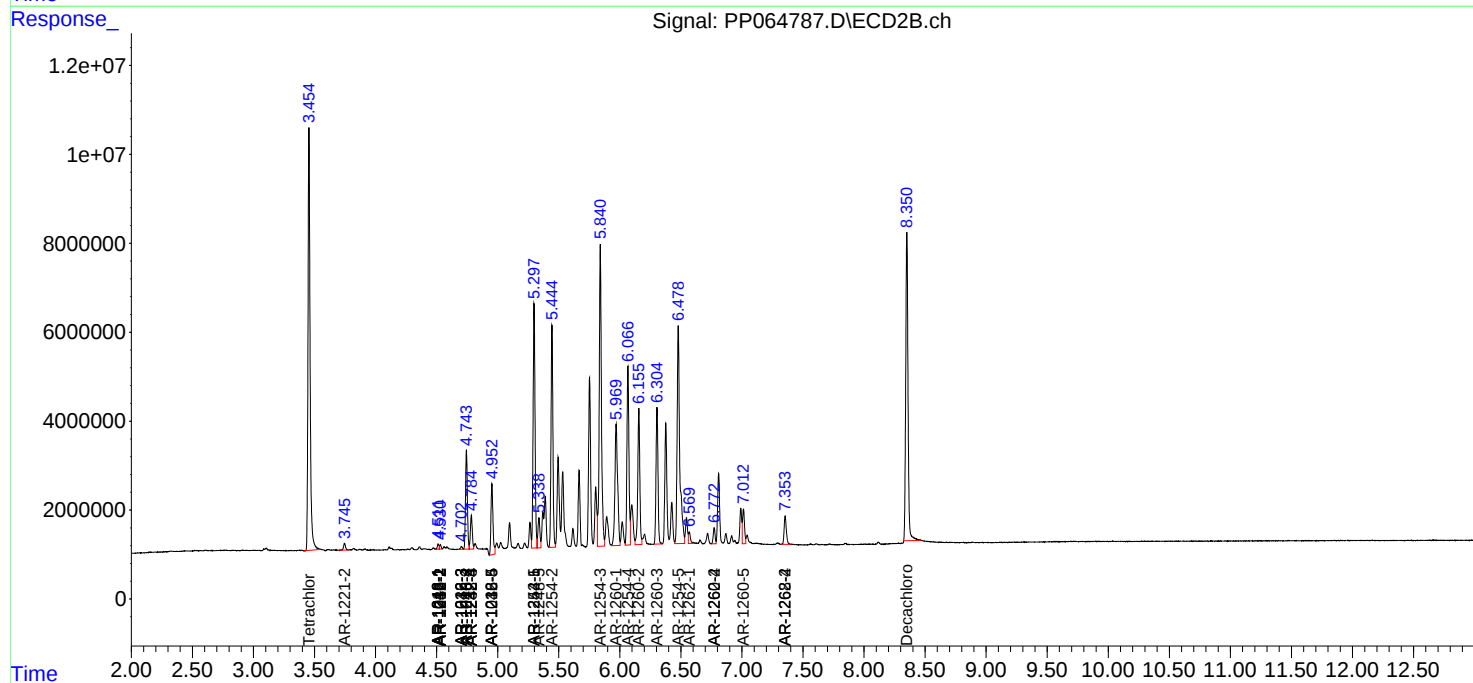
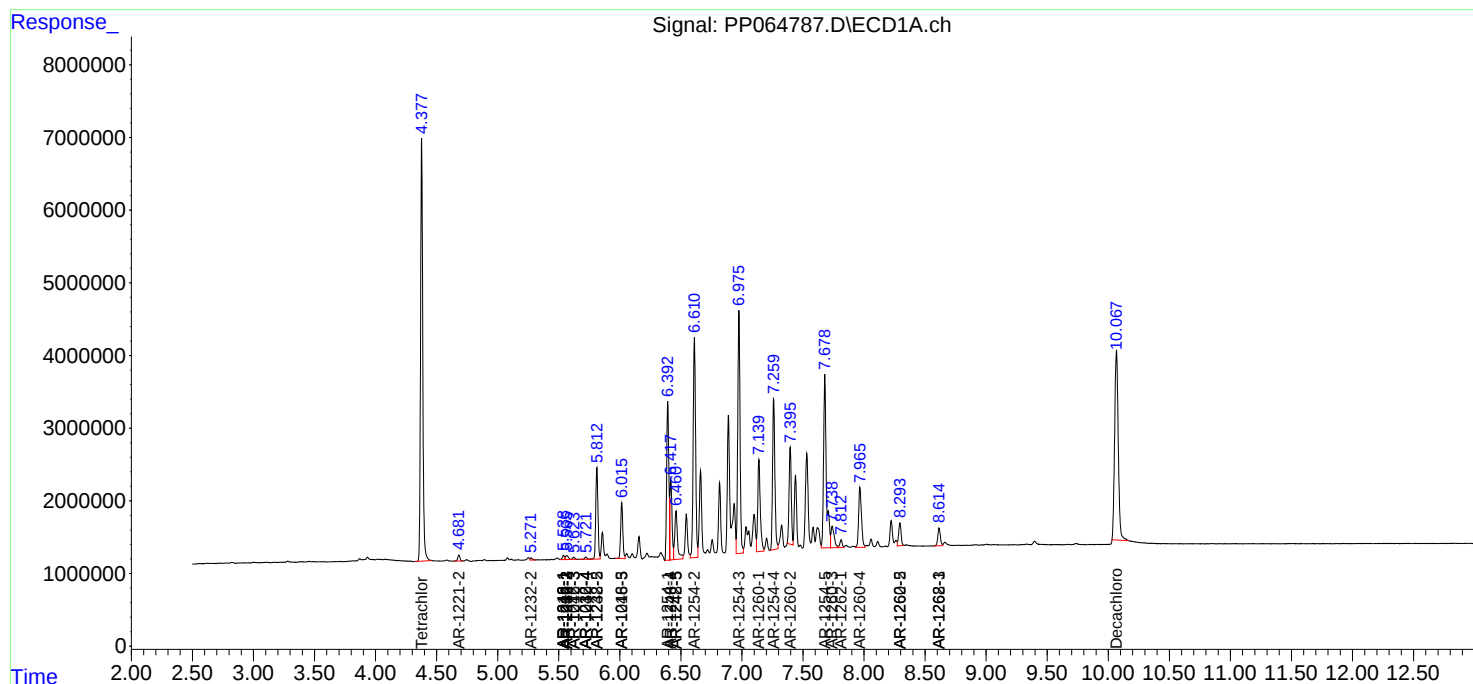
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500

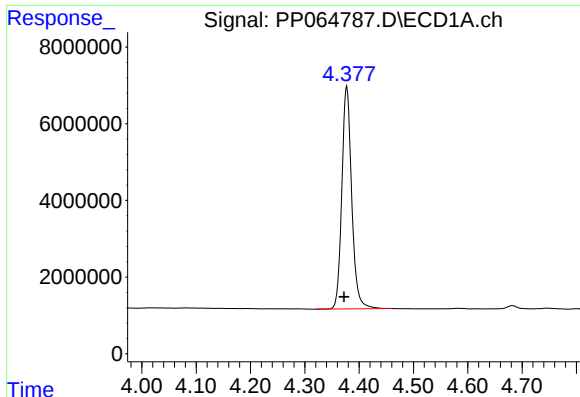
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP050424\  
Data File : PP064787.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 May 2024 19:53  
Operator : YP\AJ  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 05 22:53:23 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

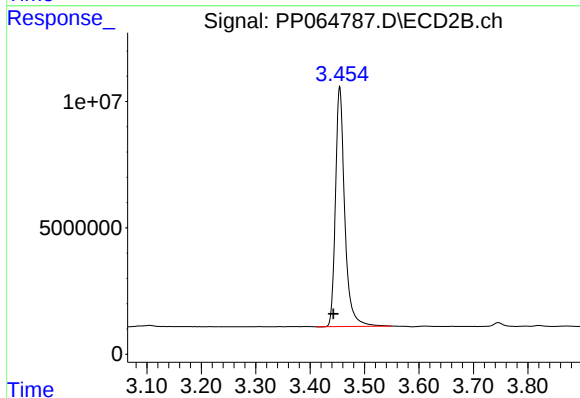




#1 Tetrachloro-m-xylene

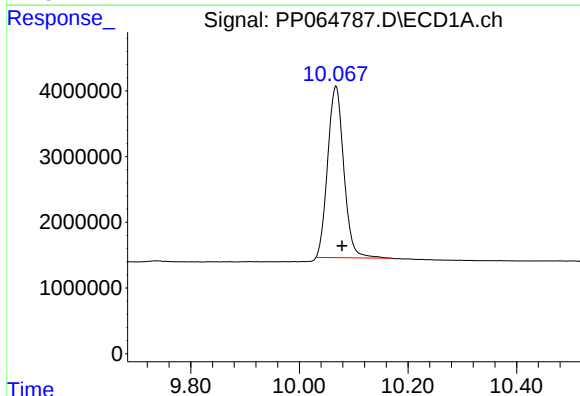
R.T.: 4.377 min  
Delta R.T.: 0.005 min  
Response: 73309074  
Conc: 41.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



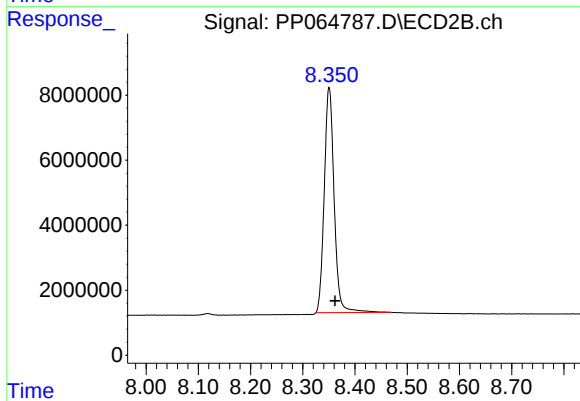
#1 Tetrachloro-m-xylene

R.T.: 3.454 min  
Delta R.T.: 0.011 min  
Response: 112334744  
Conc: 47.65 ng/ml



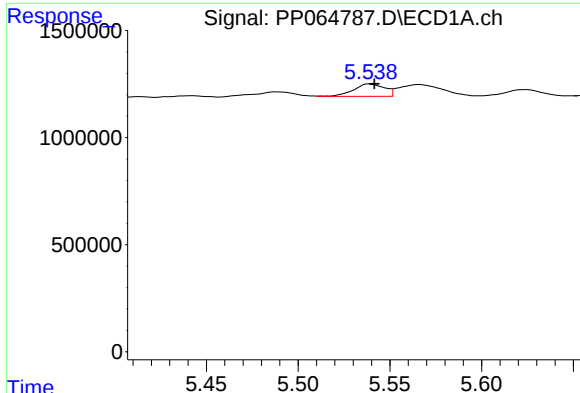
#2 Decachlorobiphenyl

R.T.: 10.068 min  
Delta R.T.: -0.011 min  
Response: 53845313  
Conc: 60.52 ng/ml



#2 Decachlorobiphenyl

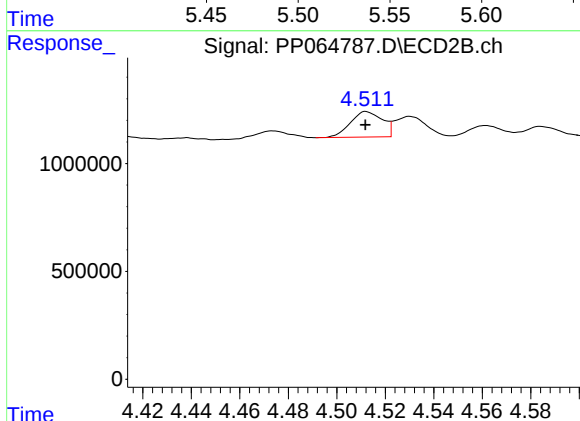
R.T.: 8.351 min  
Delta R.T.: -0.012 min  
Response: 91315257  
Conc: 48.95 ng/ml



#3 AR-1016-1

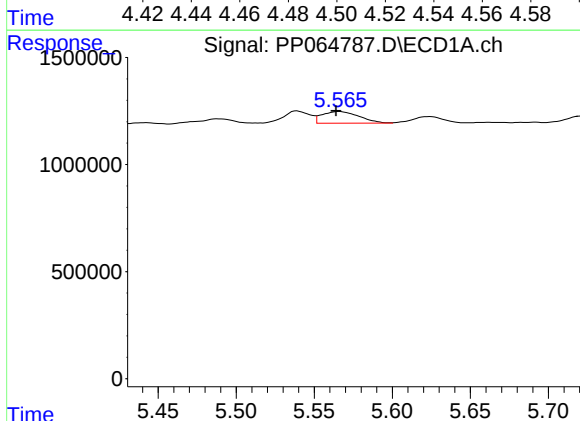
R.T.: 5.539 min  
Delta R.T.: -0.002 min  
Response: 686941  
Conc: 14.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



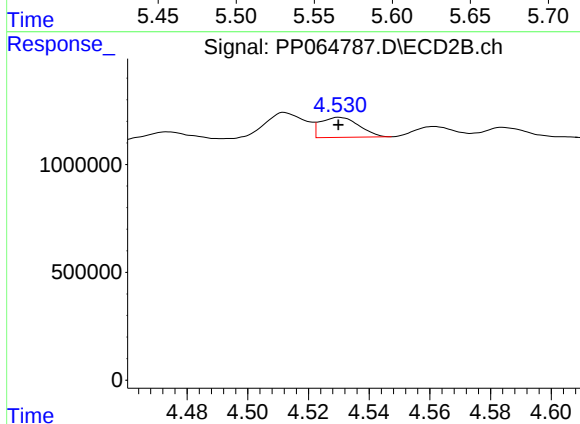
#3 AR-1016-1

R.T.: 4.512 min  
Delta R.T.: 0.000 min  
Response: 1083162  
Conc: 15.76 ng/ml



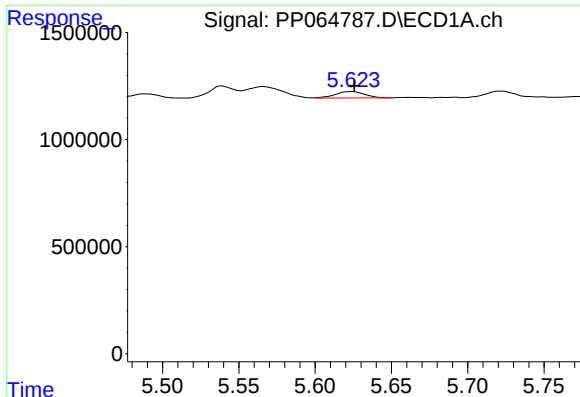
#4 AR-1016-2

R.T.: 5.566 min  
Delta R.T.: 0.002 min  
Response: 897401  
Conc: 12.35 ng/ml



#4 AR-1016-2

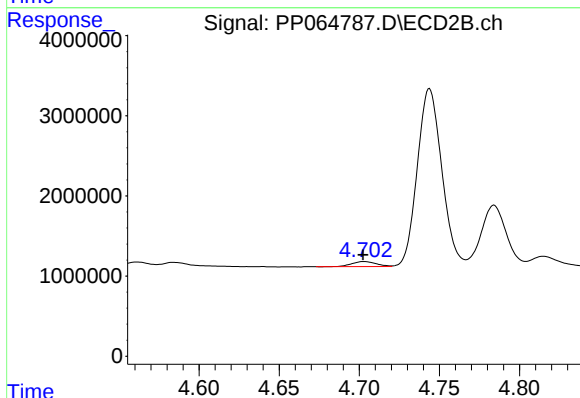
R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 818880  
Conc: 8.10 ng/ml



#5 AR-1016-3

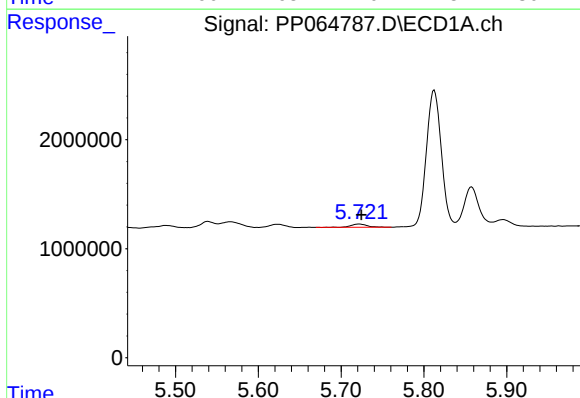
R.T.: 5.623 min  
Delta R.T.: -0.002 min  
Response: 393001  
Conc: 8.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



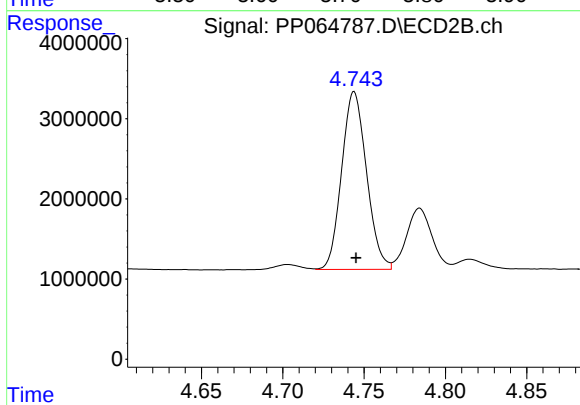
#5 AR-1016-3

R.T.: 4.703 min  
Delta R.T.: 0.000 min  
Response: 674159  
Conc: 12.33 ng/ml



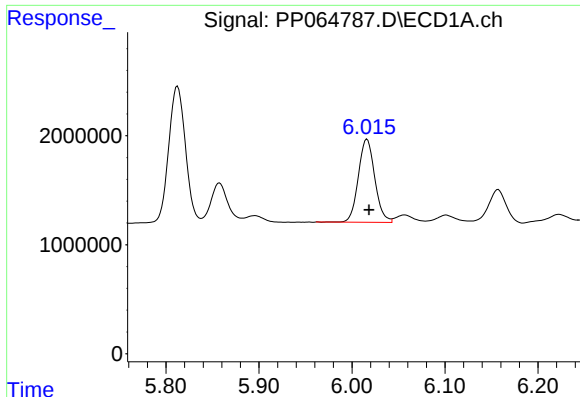
#6 AR-1016-4

R.T.: 5.722 min  
Delta R.T.: -0.003 min  
Response: 411064  
Conc: 11.00 ng/ml



#6 AR-1016-4

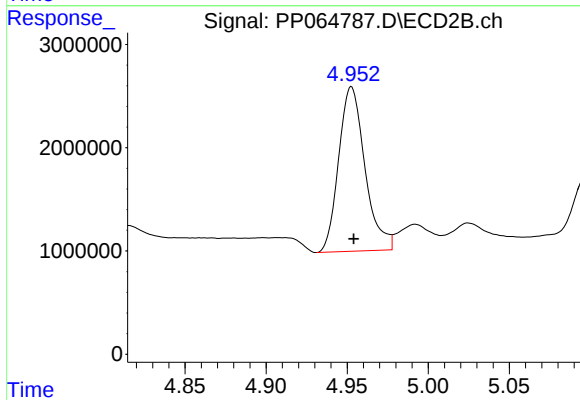
R.T.: 4.744 min  
Delta R.T.: -0.001 min  
Response: 23622685  
Conc: 501.95 ng/ml



#7 AR-1016-5

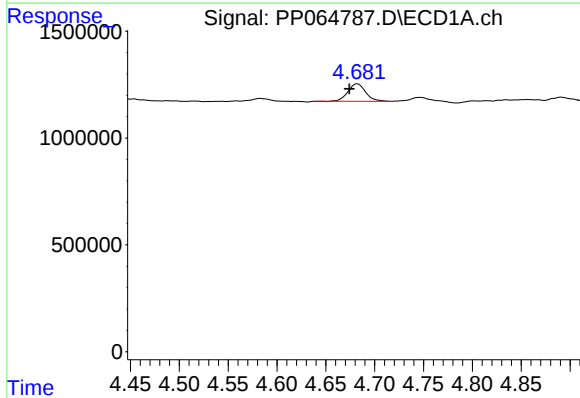
R.T.: 6.016 min  
Delta R.T.: -0.002 min  
Response: 9388742  
Conc: 243.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



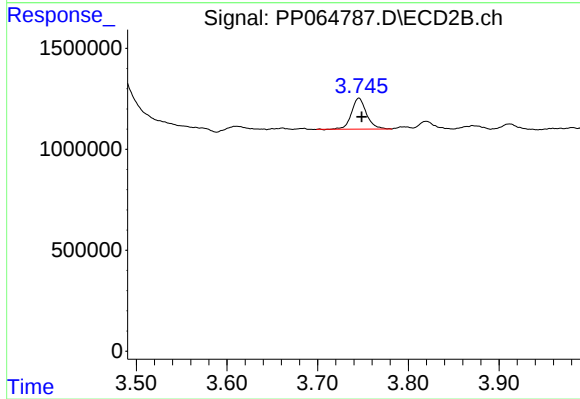
#7 AR-1016-5

R.T.: 4.953 min  
Delta R.T.: -0.001 min  
Response: 17969498  
Conc: 298.70 ng/ml



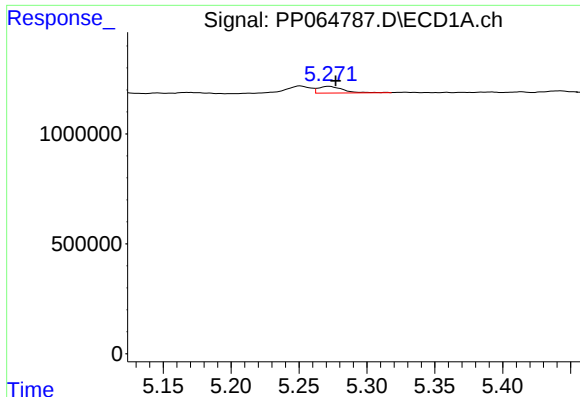
#9 AR-1221-2

R.T.: 4.682 min  
Delta R.T.: 0.008 min  
Response: 1032789  
Conc: 77.42 ng/ml



#9 AR-1221-2

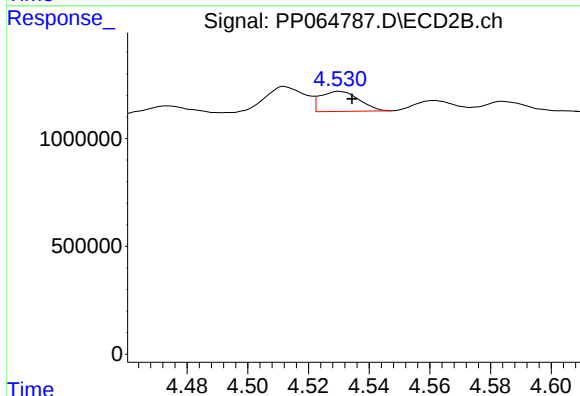
R.T.: 3.746 min  
Delta R.T.: -0.003 min  
Response: 1767747  
Conc: 85.72 ng/ml



#12 AR-1232-2

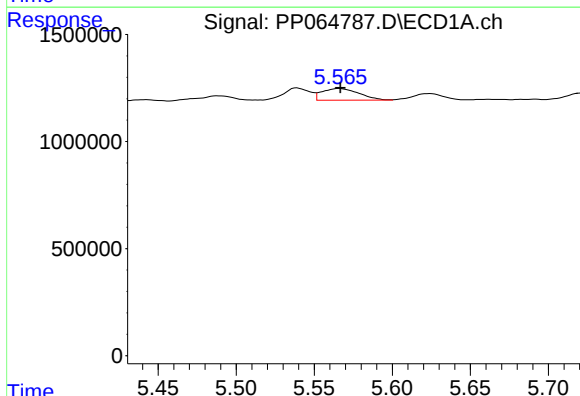
R.T.: 5.272 min  
Delta R.T.: -0.005 min  
Response: 380587  
Conc: 20.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



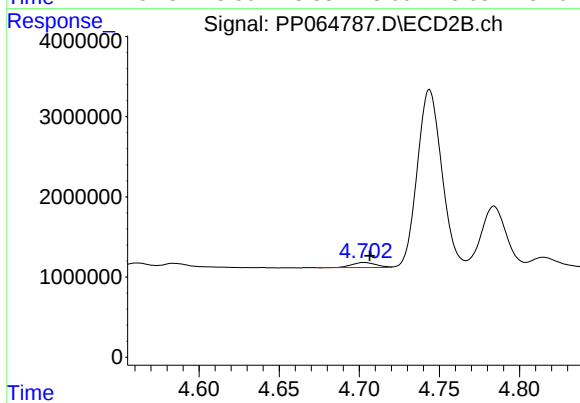
#12 AR-1232-2

R.T.: 4.530 min  
Delta R.T.: -0.004 min  
Response: 818880  
Conc: 18.35 ng/ml



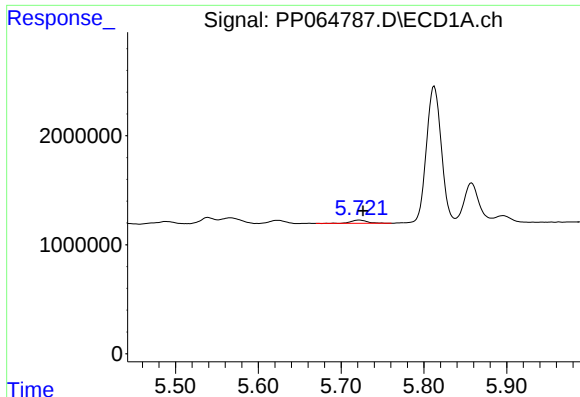
#13 AR-1232-3

R.T.: 5.566 min  
Delta R.T.: 0.000 min  
Response: 897401  
Conc: 27.73 ng/ml



#13 AR-1232-3

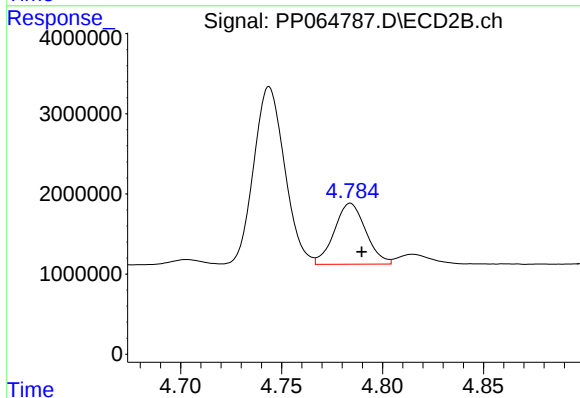
R.T.: 4.703 min  
Delta R.T.: -0.004 min  
Response: 674159  
Conc: 28.32 ng/ml



#14 AR-1232-4

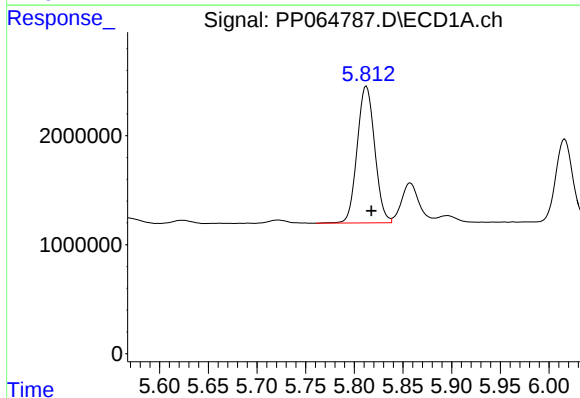
R.T.: 5.722 min  
Delta R.T.: -0.005 min  
Response: 411064  
Conc: 24.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



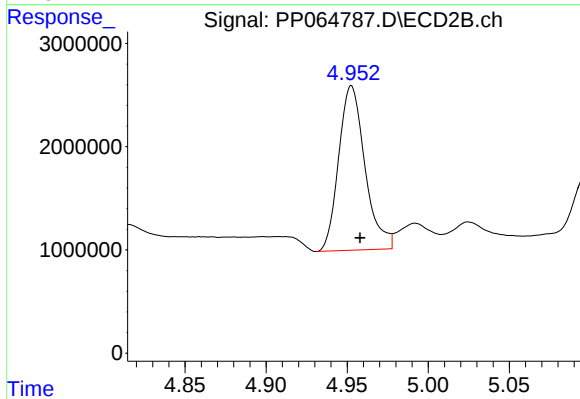
#14 AR-1232-4

R.T.: 4.784 min  
Delta R.T.: -0.006 min  
Response: 8255611  
Conc: 350.98 ng/ml



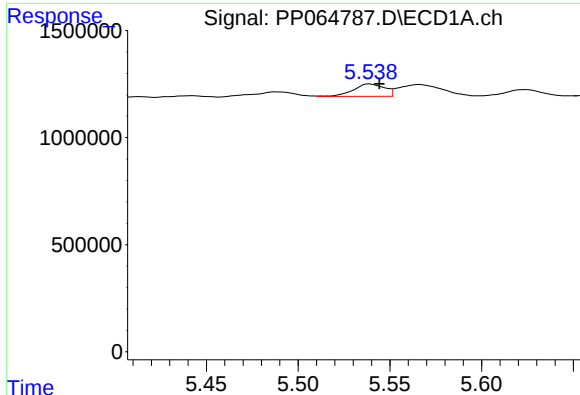
#15 AR-1232-5

R.T.: 5.812 min  
Delta R.T.: -0.005 min  
Response: 15747985  
Conc: 1109.93 ng/ml



#15 AR-1232-5

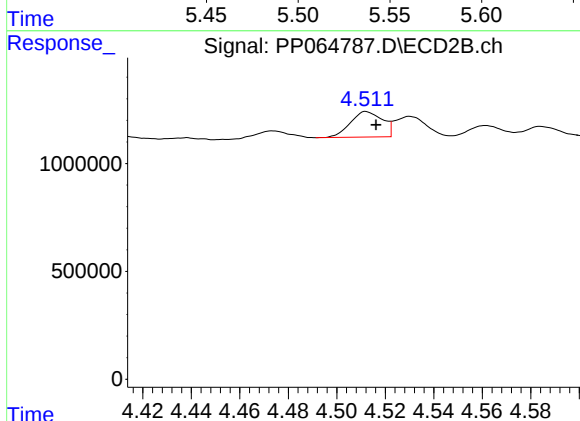
R.T.: 4.953 min  
Delta R.T.: -0.005 min  
Response: 17969498  
Conc: 725.15 ng/ml



#16 AR-1242-1

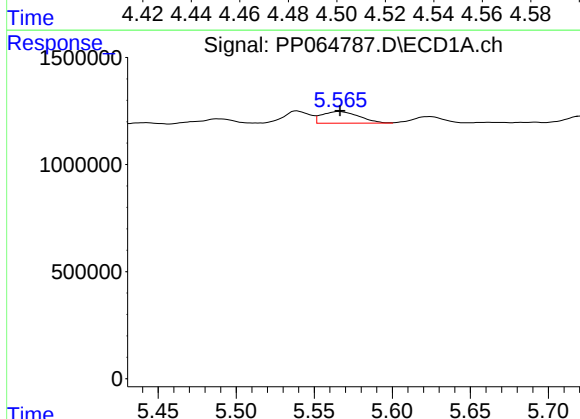
R.T.: 5.539 min  
Delta R.T.: -0.005 min  
Response: 686941  
Conc: 17.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



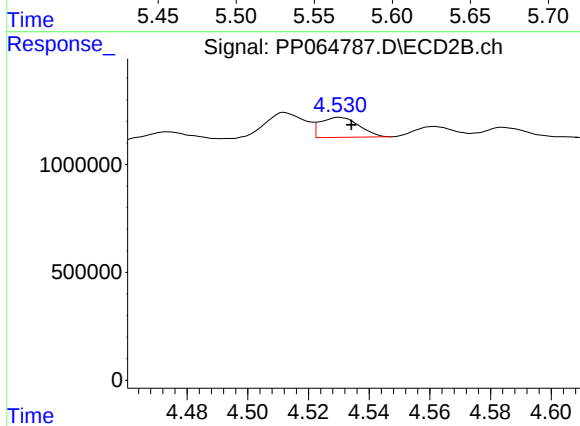
#16 AR-1242-1

R.T.: 4.512 min  
Delta R.T.: -0.004 min  
Response: 1083162  
Conc: 19.01 ng/ml



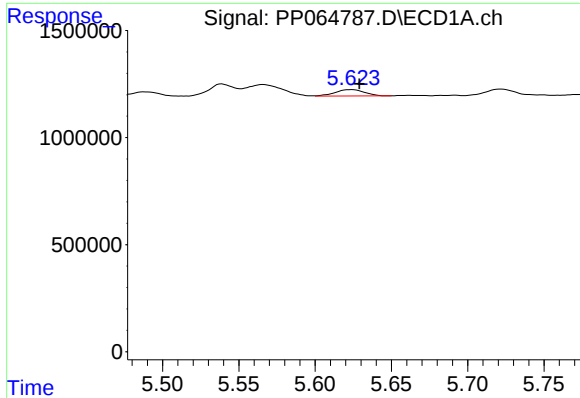
#17 AR-1242-2

R.T.: 5.566 min  
Delta R.T.: 0.000 min  
Response: 897401  
Conc: 14.85 ng/ml



#17 AR-1242-2

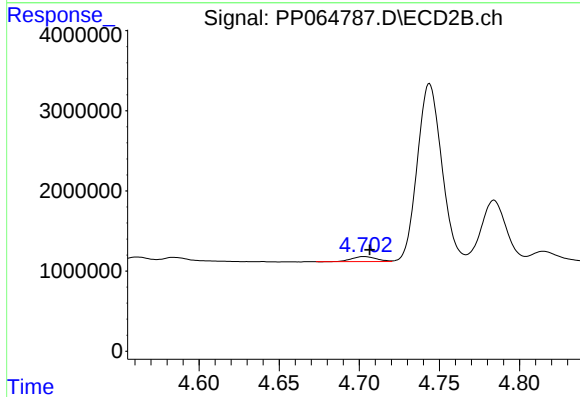
R.T.: 4.530 min  
Delta R.T.: -0.004 min  
Response: 818880  
Conc: 9.91 ng/ml



#18 AR-1242-3

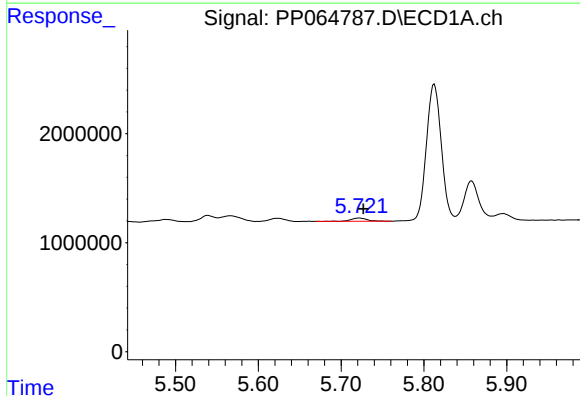
R.T.: 5.623 min  
Delta R.T.: -0.005 min  
Response: 393001  
Conc: 9.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



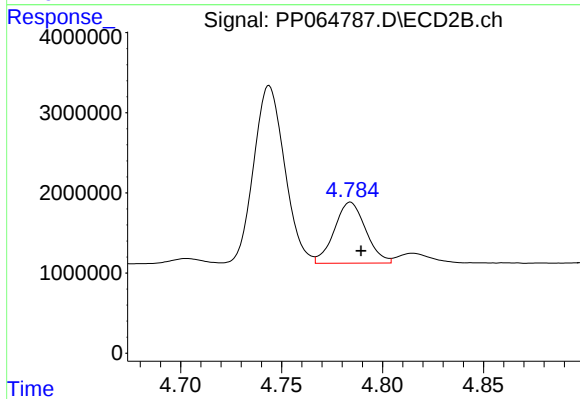
#18 AR-1242-3

R.T.: 4.703 min  
Delta R.T.: -0.003 min  
Response: 674159  
Conc: 14.95 ng/ml



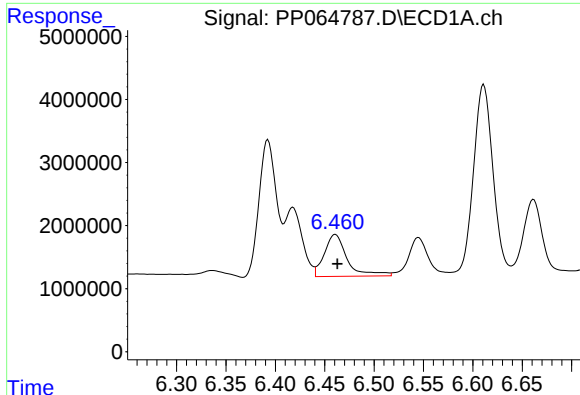
#19 AR-1242-4

R.T.: 5.722 min  
Delta R.T.: -0.005 min  
Response: 411064  
Conc: 13.09 ng/ml



#19 AR-1242-4

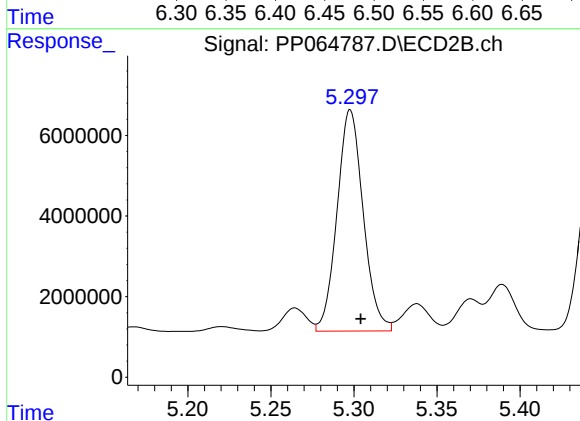
R.T.: 4.784 min  
Delta R.T.: -0.005 min  
Response: 8255611  
Conc: 170.89 ng/ml



#20 AR-1242-5

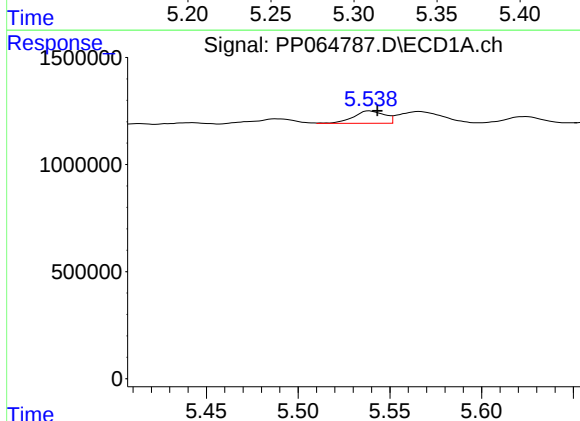
R.T.: 6.461 min  
Delta R.T.: -0.002 min  
Response: 10736639  
Conc: 357.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



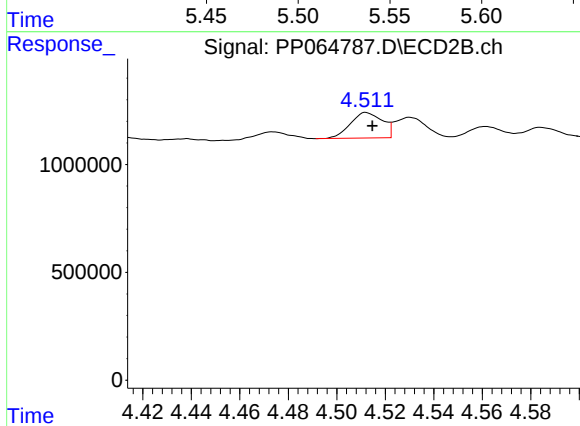
#20 AR-1242-5

R.T.: 5.298 min  
Delta R.T.: -0.006 min  
Response: 60172581  
Conc: 1197.51 ng/ml



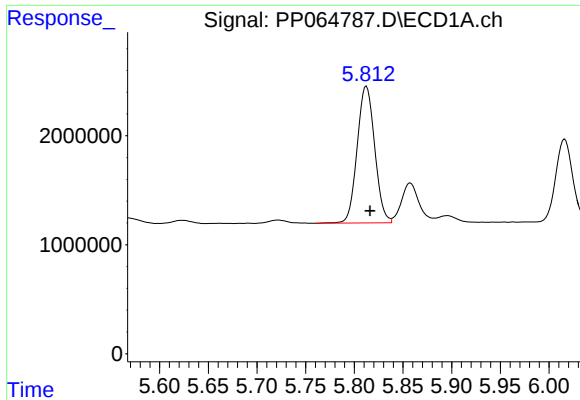
#21 AR-1248-1

R.T.: 5.539 min  
Delta R.T.: -0.004 min  
Response: 686941  
Conc: 22.64 ng/ml



#21 AR-1248-1

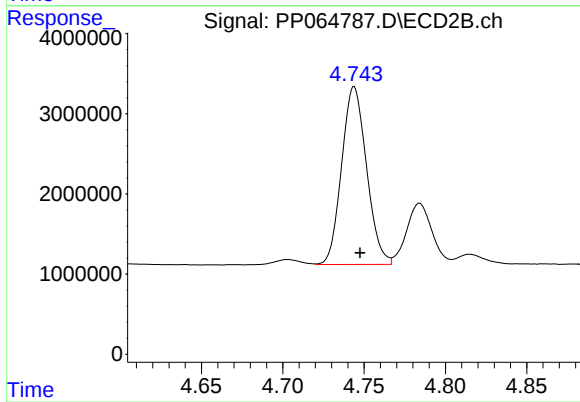
R.T.: 4.512 min  
Delta R.T.: -0.002 min  
Response: 1083162  
Conc: 24.99 ng/ml



#22 AR-1248-2

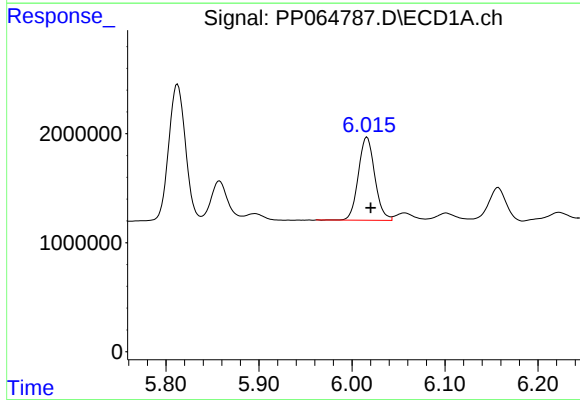
R.T.: 5.812 min  
Delta R.T.: -0.004 min  
Response: 15747985  
Conc: 313.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



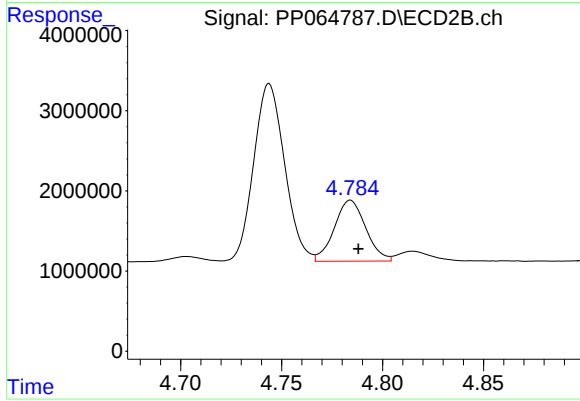
#22 AR-1248-2

R.T.: 4.744 min  
Delta R.T.: -0.004 min  
Response: 23622685  
Conc: 345.82 ng/ml



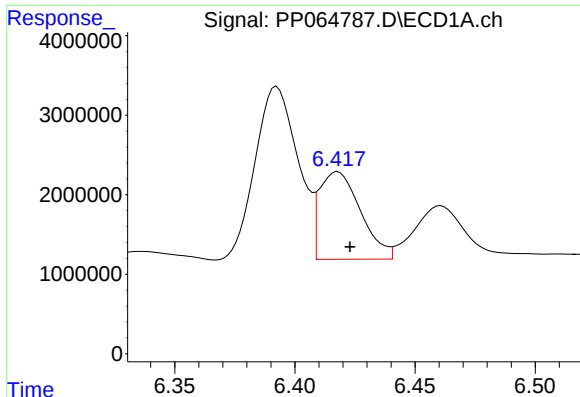
#23 AR-1248-3

R.T.: 6.016 min  
Delta R.T.: -0.004 min  
Response: 9388742  
Conc: 174.86 ng/ml



#23 AR-1248-3

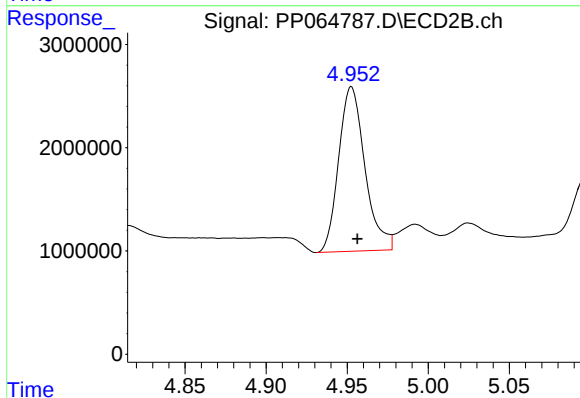
R.T.: 4.784 min  
Delta R.T.: -0.004 min  
Response: 8255611  
Conc: 115.45 ng/ml



#24 AR-1248-4

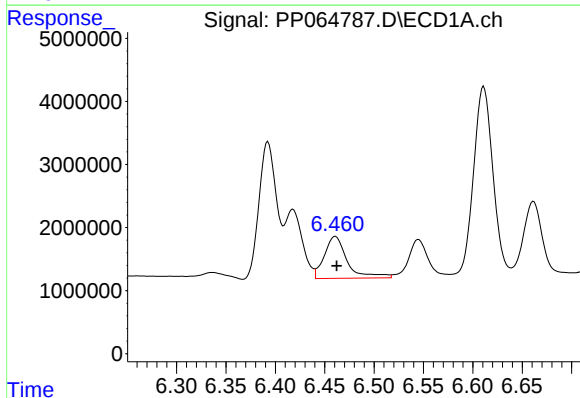
R.T.: 6.418 min  
Delta R.T.: -0.005 min  
Response: 13143650  
Conc: 265.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



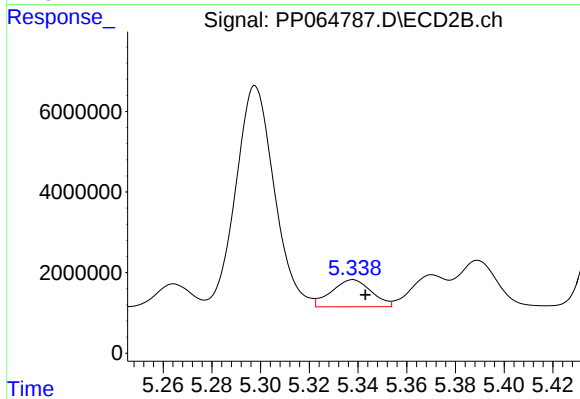
#24 AR-1248-4

R.T.: 4.953 min  
Delta R.T.: -0.004 min  
Response: 17969498  
Conc: 216.57 ng/ml



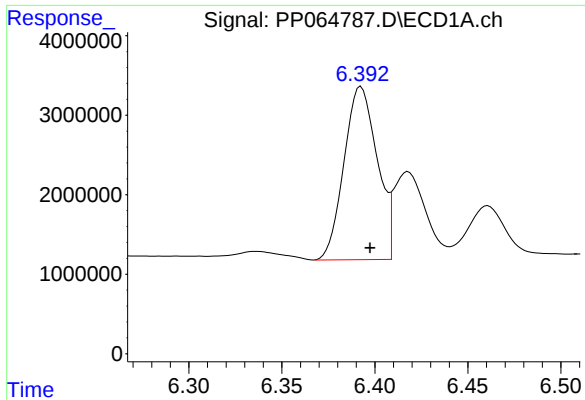
#25 AR-1248-5

R.T.: 6.461 min  
Delta R.T.: -0.001 min  
Response: 10736639  
Conc: 208.52 ng/ml



#25 AR-1248-5

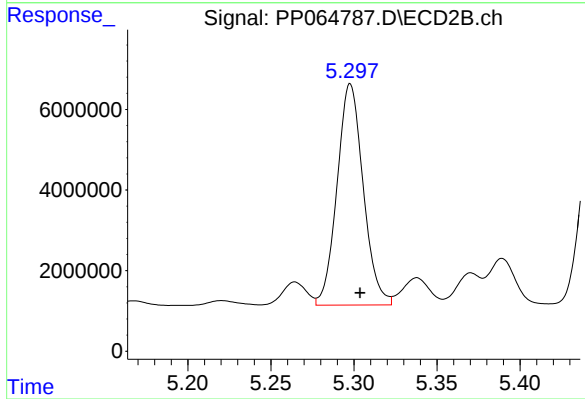
R.T.: 5.338 min  
Delta R.T.: -0.005 min  
Response: 7672056  
Conc: 118.76 ng/ml



#26 AR-1254-1

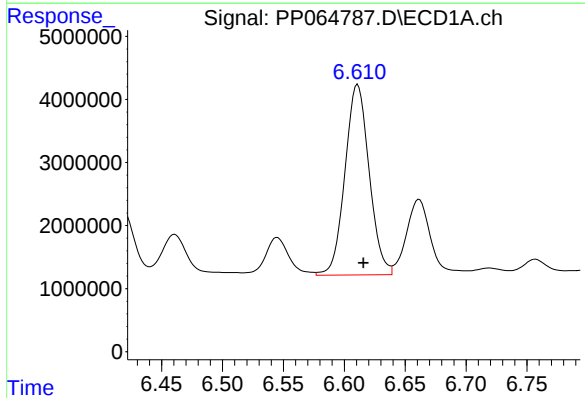
R.T.: 6.393 min  
Delta R.T.: -0.005 min  
Response: 27053868  
Conc: 453.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



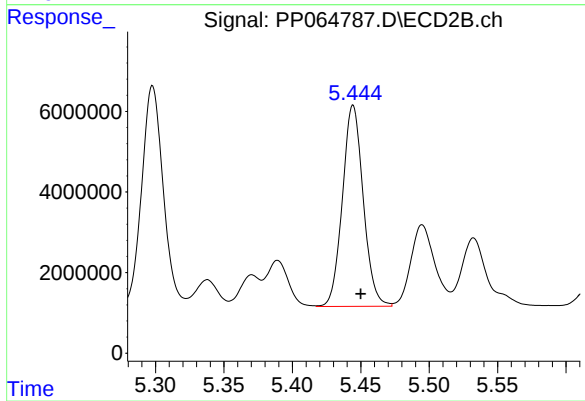
#26 AR-1254-1

R.T.: 5.298 min  
Delta R.T.: -0.006 min  
Response: 60172581  
Conc: 510.31 ng/ml



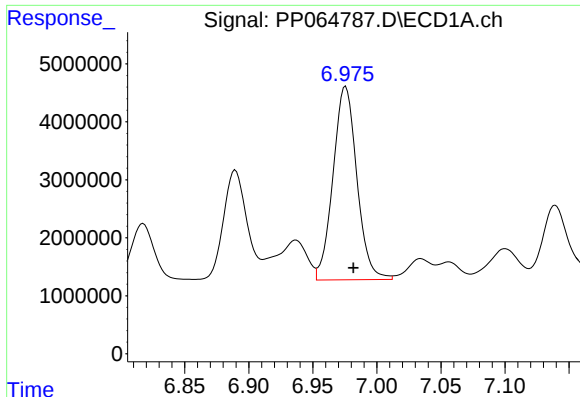
#27 AR-1254-2

R.T.: 6.611 min  
Delta R.T.: -0.005 min  
Response: 41742435  
Conc: 475.62 ng/ml



#27 AR-1254-2

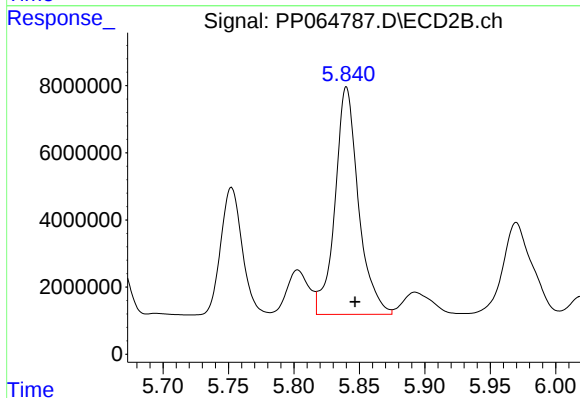
R.T.: 5.444 min  
Delta R.T.: -0.006 min  
Response: 52913524  
Conc: 501.86 ng/ml



#28 AR-1254-3

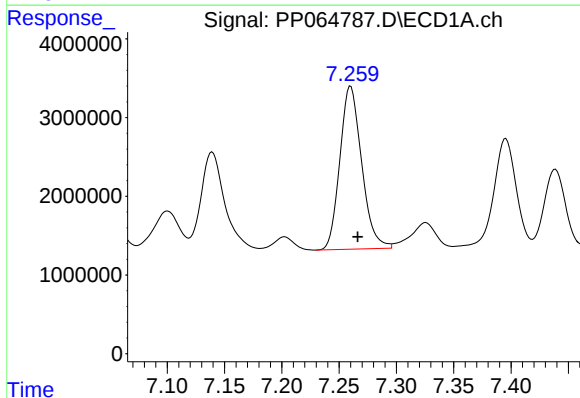
R.T.: 6.976 min  
Delta R.T.: -0.006 min  
Response: 43219552  
Conc: 509.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



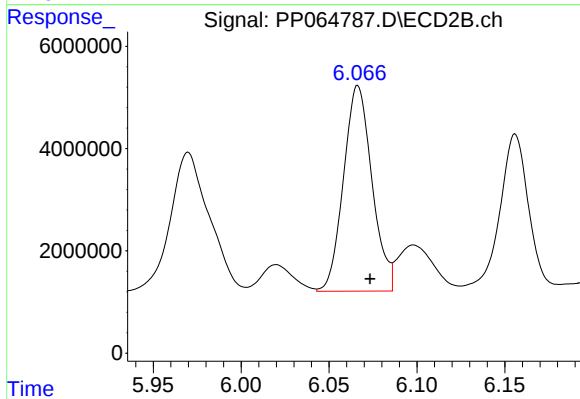
#28 AR-1254-3

R.T.: 5.840 min  
Delta R.T.: -0.007 min  
Response: 84643460  
Conc: 527.25 ng/ml



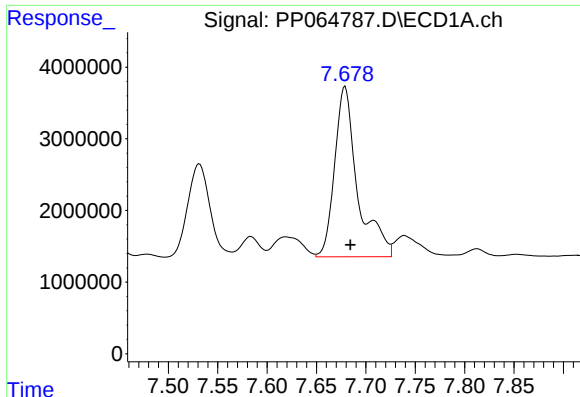
#29 AR-1254-4

R.T.: 7.260 min  
Delta R.T.: -0.006 min  
Response: 27388494  
Conc: 615.01 ng/ml



#29 AR-1254-4

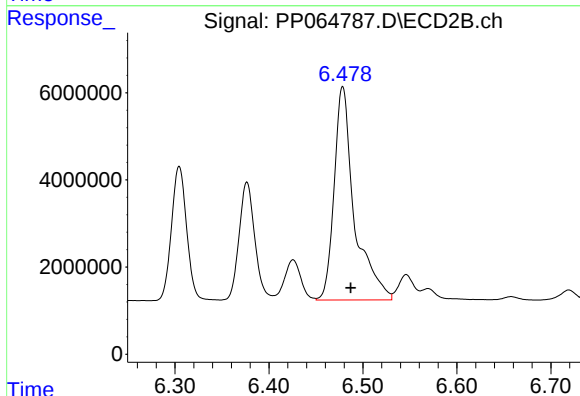
R.T.: 6.066 min  
Delta R.T.: -0.007 min  
Response: 45319461  
Conc: 630.28 ng/ml



#30 AR-1254-5

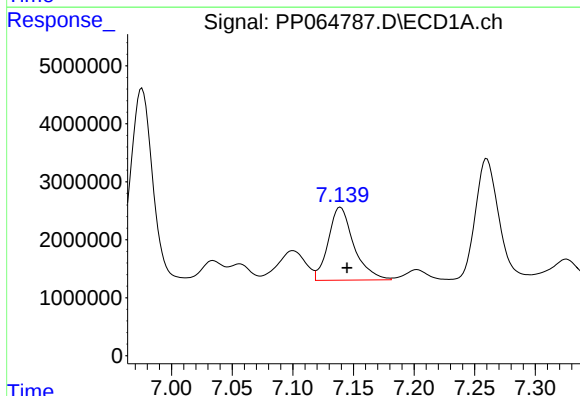
R.T.: 7.679 min  
Delta R.T.: -0.005 min  
Response: 38418198  
Conc: 696.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



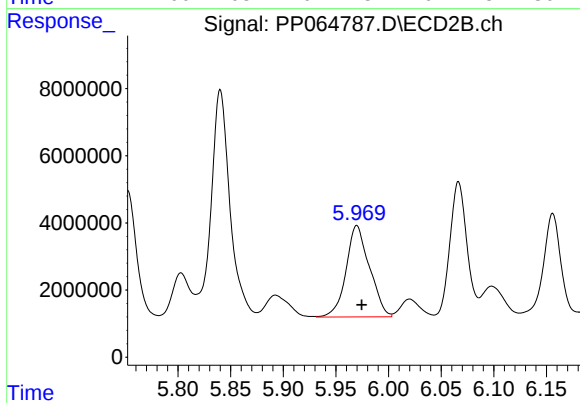
#30 AR-1254-5

R.T.: 6.479 min  
Delta R.T.: -0.008 min  
Response: 73241198  
Conc: 561.80 ng/ml



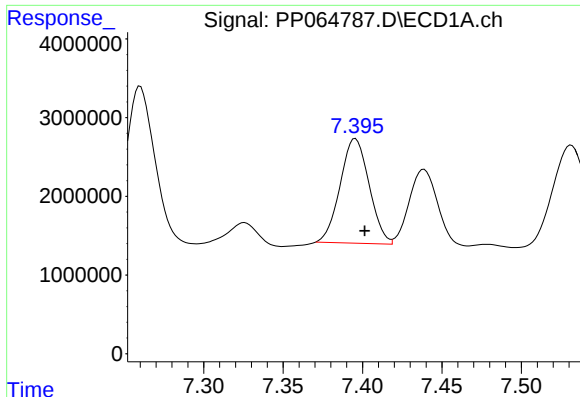
#31 AR-1260-1

R.T.: 7.139 min  
Delta R.T.: -0.005 min  
Response: 18478256  
Conc: 270.08 ng/ml



#31 AR-1260-1

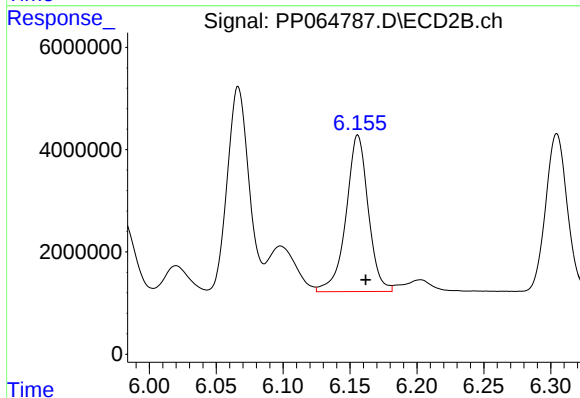
R.T.: 5.970 min  
Delta R.T.: -0.005 min  
Response: 42091007  
Conc: 358.38 ng/ml



#32 AR-1260-2

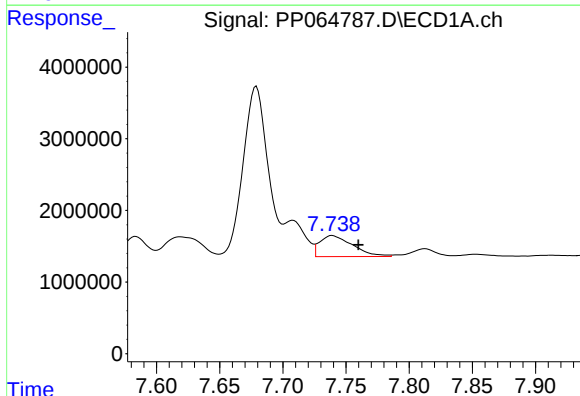
R.T.: 7.396 min  
Delta R.T.: -0.006 min  
Response: 16885923  
Conc: 237.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



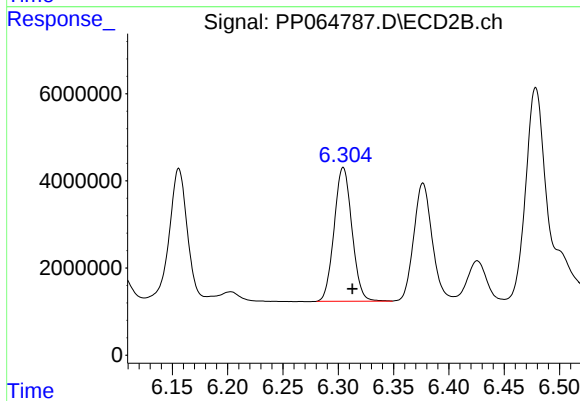
#32 AR-1260-2

R.T.: 6.156 min  
Delta R.T.: -0.006 min  
Response: 35388118  
Conc: 270.59 ng/ml



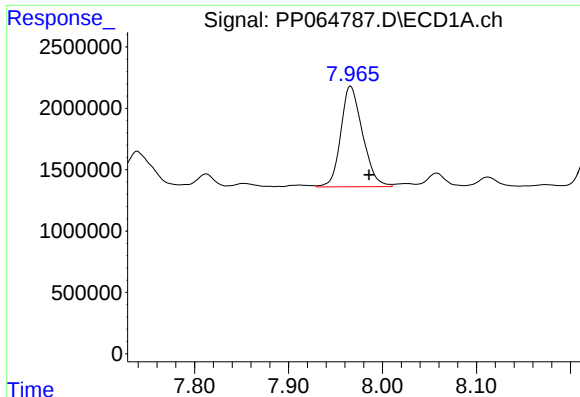
#33 AR-1260-3

R.T.: 7.739 min  
Delta R.T.: -0.021 min  
Response: 5337712  
Conc: 94.87 ng/ml



#33 AR-1260-3

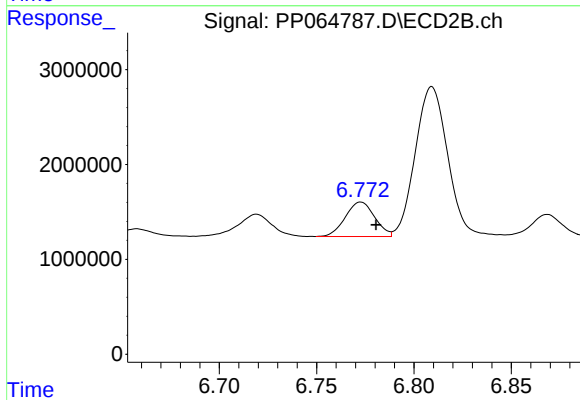
R.T.: 6.305 min  
Delta R.T.: -0.008 min  
Response: 34439505  
Conc: 267.95 ng/ml



#34 AR-1260-4

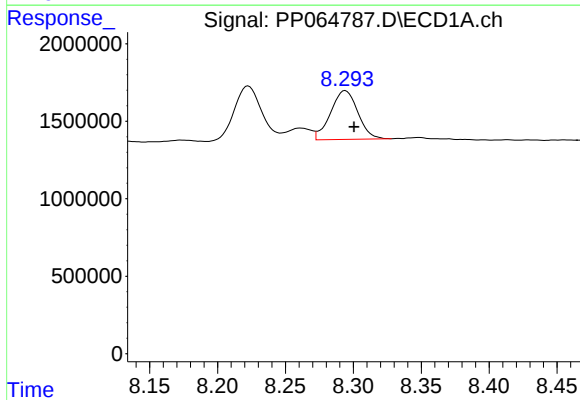
R.T.: 7.966 min  
Delta R.T.: -0.019 min  
Response: 13173487  
Conc: 223.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



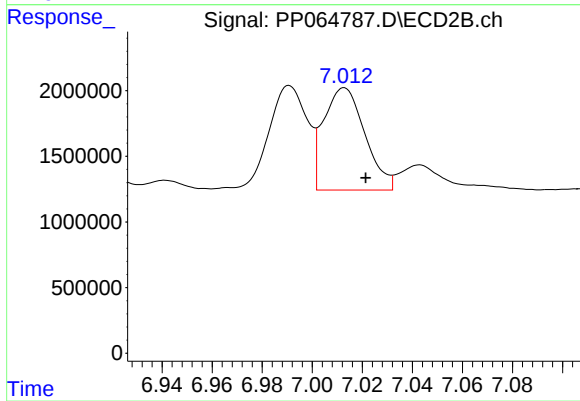
#34 AR-1260-4

R.T.: 6.773 min  
Delta R.T.: -0.008 min  
Response: 3807800  
Conc: 36.64 ng/ml



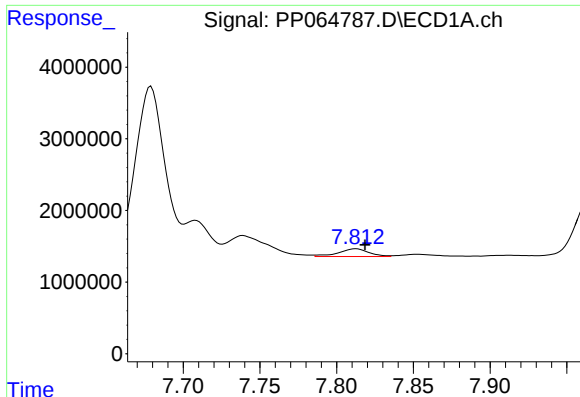
#35 AR-1260-5

R.T.: 8.294 min  
Delta R.T.: -0.006 min  
Response: 4394136  
Conc: 46.59 ng/ml



#35 AR-1260-5

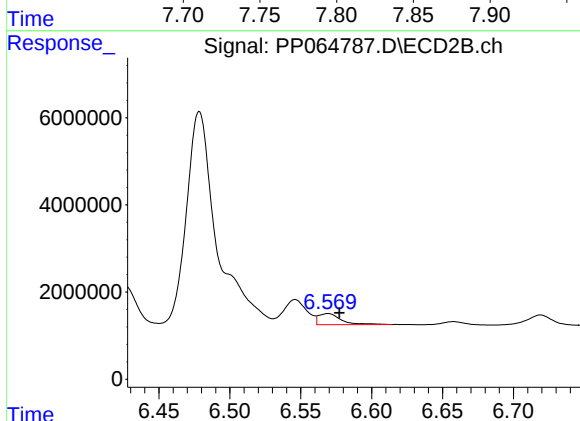
R.T.: 7.013 min  
Delta R.T.: -0.009 min  
Response: 8891964  
Conc: 43.87 ng/ml



#36 AR-1262-1

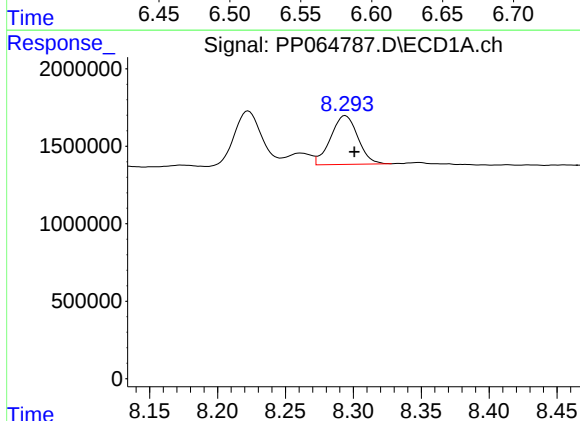
R.T.: 7.812 min  
Delta R.T.: -0.006 min  
Response: 1503564  
Conc: 48.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



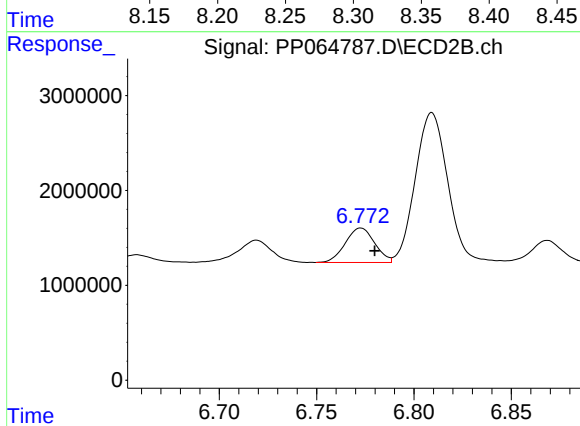
#36 AR-1262-1

R.T.: 6.569 min  
Delta R.T.: -0.008 min  
Response: 2855291  
Conc: 43.74 ng/ml



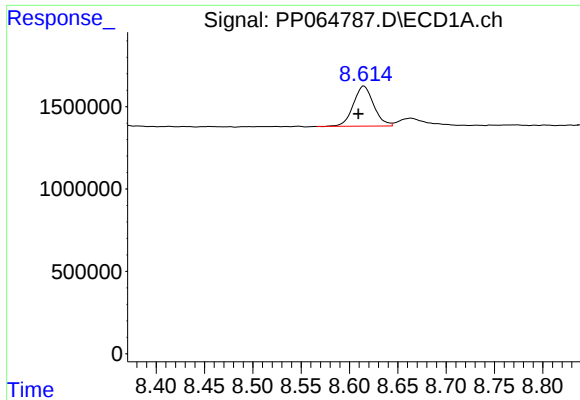
#37 AR-1262-2

R.T.: 8.294 min  
Delta R.T.: -0.007 min  
Response: 4394136  
Conc: 45.35 ng/ml



#37 AR-1262-2

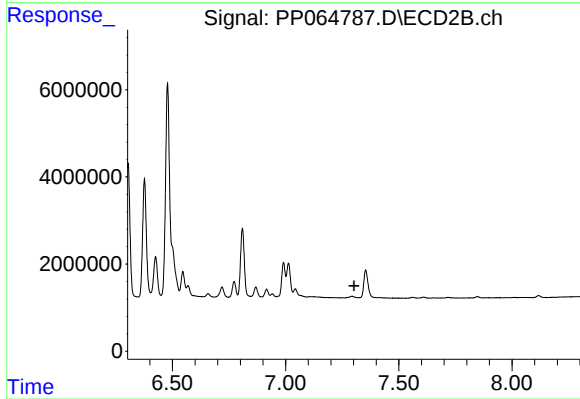
R.T.: 6.773 min  
Delta R.T.: -0.007 min  
Response: 3807800  
Conc: 29.72 ng/ml



#38 AR-1262-3

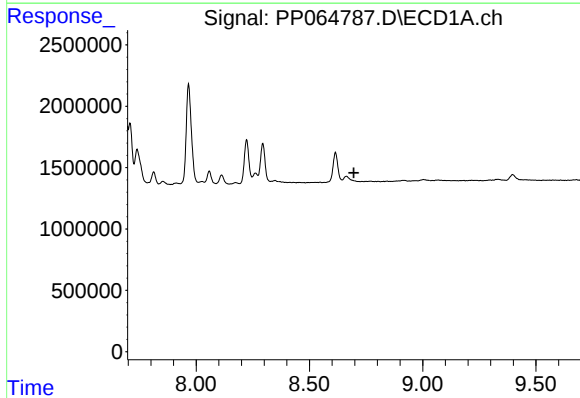
R.T.: 8.615 min  
Delta R.T.: 0.006 min  
Response: 3562739  
Conc: 53.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



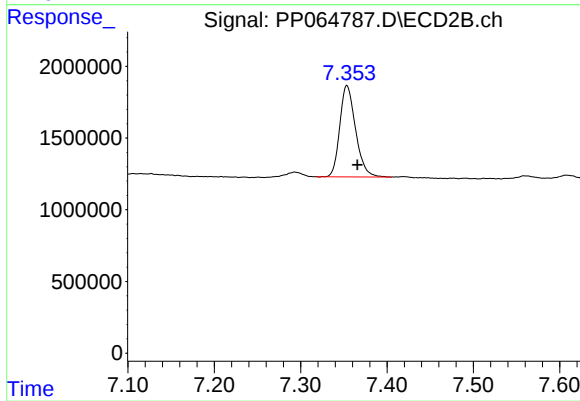
#38 AR-1262-3

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



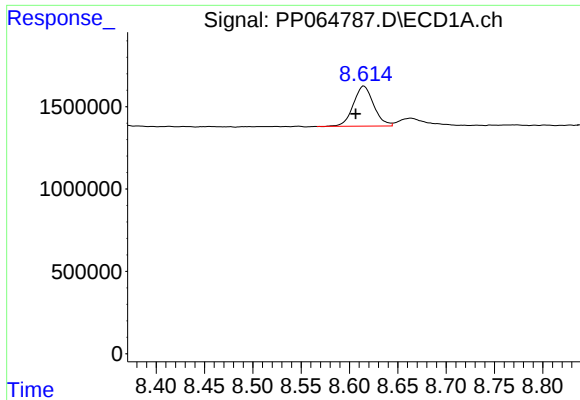
#39 AR-1262-4

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



#39 AR-1262-4

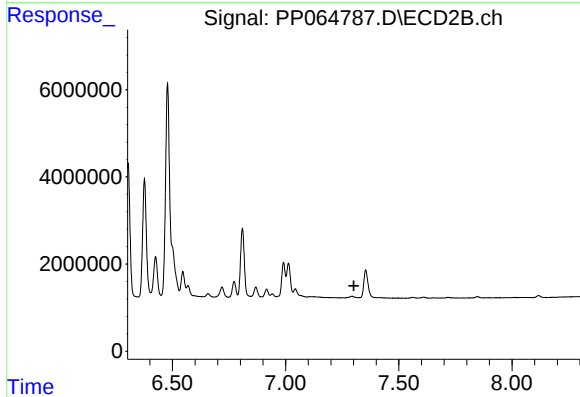
R.T.: 7.354 min  
Delta R.T.: -0.012 min  
Response: 8115658  
Conc: 52.42 ng/ml



#41 AR-1268-1

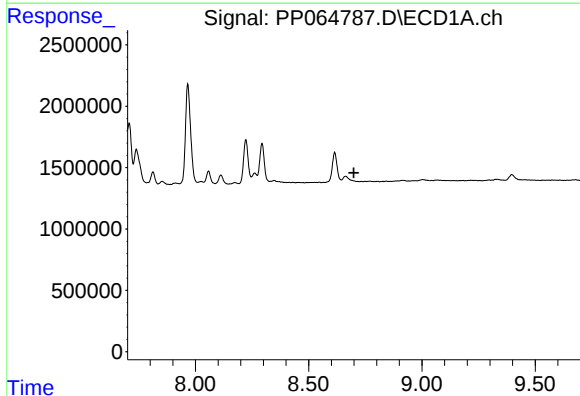
R.T.: 8.615 min  
Delta R.T.: 0.008 min  
Response: 3562739  
Conc: 26.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



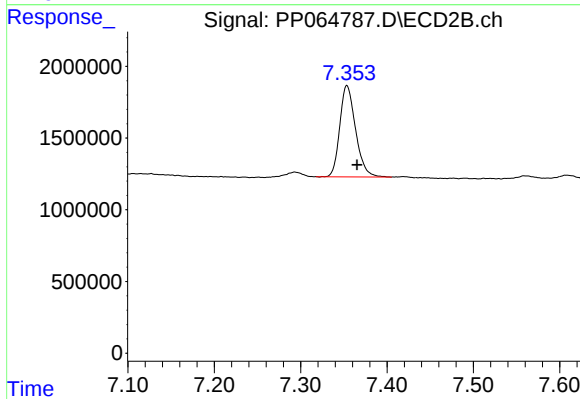
#41 AR-1268-1

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.: 7.354 min  
Delta R.T.: -0.012 min  
Response: 8115658  
Conc: 33.64 ng/ml