

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP050424\  
 Data File : PP064771.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 May 2024 14:29  
 Operator : YP\AJ  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 05 22:46:28 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  | 3.453  | 73102158 | 111.4E6  | 41.534   | 47.229     |
| 2)                          | SA Decachlor... | 10.068 | 8.351  | 52028333 | 85637410 | 58.477   | 45.908     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 3)                          | L1 AR-1016-1    | 5.540  | 4.512  | 13626778 | 22373026 | 285.067  | 325.561    |
| 4)                          | L1 AR-1016-2    | 5.562  | 4.530  | 16316067 | 23315430 | 224.541  | 230.617    |
| 5)                          | L1 AR-1016-3    | 5.624  | 4.703  | 8315554  | 15892551 | 175.913  | 290.738 #  |
| 6)                          | L1 AR-1016-4    | 5.721  | 4.744  | 9274971  | 31275254 | 248.191  | 664.559 #  |
| 7)                          | L1 AR-1016-5    | 6.016  | 4.952  | 23089326 | 38648385 | 599.344  | 642.435    |
| 9)                          | L2 AR-1221-2    | 4.681  | 3.744  | 1251206  | 1984277  | 93.793   | 96.221     |
| 10)                         | L2 AR-1221-3    | 4.746  | 3.819  | 1420487  | 2060104  | 35.578   | 33.522     |
| 11)                         | L3 AR-1232-1    | 4.746  | 3.819  | 1420487  | 2060104  | 43.909   | 41.360     |
| 12)                         | L3 AR-1232-2    | 5.273  | 4.530  | 6737931  | 23315430 | 358.692  | 522.407 #  |
| 13)                         | L3 AR-1232-3    | 5.562  | 4.703  | 16316067 | 15892551 | 504.222  | 667.523 #  |
| 14)                         | L3 AR-1232-4    | 5.721  | 4.785  | 9274971  | 34222841 | 556.613  | 1454.969 # |
| 15)                         | L3 AR-1232-5    | 5.812  | 4.952  | 20903602 | 38648385 | 1473.303 | 1559.625   |
| 16)                         | L4 AR-1242-1    | 5.540  | 4.512  | 13626778 | 22373026 | 339.543  | 392.698    |
| 17)                         | L4 AR-1242-2    | 5.562  | 4.530  | 16316067 | 23315430 | 269.953  | 282.126    |
| 18)                         | L4 AR-1242-3    | 5.624  | 4.703  | 8315554  | 15892551 | 209.192  | 352.472 #  |
| 19)                         | L4 AR-1242-4    | 5.721  | 4.785  | 9274971  | 34222841 | 295.396  | 708.417 #  |
| 20)                         | L4 AR-1242-5    | 6.457  | 5.298  | 25531969 | 53072245 | 849.971  | 1056.200   |
| 21)                         | L5 AR-1248-1    | 5.540  | 4.512  | 13626778 | 22373026 | 449.140  | 516.085    |
| 22)                         | L5 AR-1248-2    | 5.812  | 4.744  | 20903602 | 31275254 | 416.734  | 457.850    |
| 23)                         | L5 AR-1248-3    | 6.016  | 4.785  | 23089326 | 34222841 | 430.028  | 478.600    |
| 24)                         | L5 AR-1248-4    | 6.418  | 4.952  | 24818205 | 38648385 | 501.137  | 465.793    |
| 25)                         | L5 AR-1248-5    | 6.457  | 5.338  | 25531969 | 36535526 | 495.854  | 565.552    |
| 26)                         | L6 AR-1254-1    | 6.391  | 5.298  | 19100528 | 53072245 | 319.902  | 450.093 #  |
| 27)                         | L6 AR-1254-2    | 6.613  | 5.444  | 26043428 | 17628472 | 296.741  | 167.196 #  |
| 28)                         | L6 AR-1254-3    | 6.975  | 5.840  | 15185645 | 24667598 | 179.009  | 153.655    |
| 29)                         | L6 AR-1254-4    | 7.261  | 6.067  | 8494395  | 16693835 | 190.742  | 232.170    |
| 30)                         | L6 AR-1254-5    | 7.679  | 6.479  | 2087091  | 5146320  | 37.846   | 39.475     |
| 31)                         | L7 AR-1260-1    | 7.140  | 5.982  | 1817296  | 12580046 | 26.561   | 107.113 #  |
| 32)                         | L7 AR-1260-2    | 7.394  | 6.155  | 887570   | 2996646  | 12.503   | 22.913 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.303  | 0        | 3369968  | N.D.     | 26.219 #   |
| 34)                         | L7 AR-1260-4    | 7.967f | 6.809f | 1126204  | 1362204  | 19.114   | 13.106 #   |
| 35)                         | L7 AR-1260-5    | 8.292  | 7.012  | 384174   | 674192   | 4.073    | 3.326      |
| 37)                         | L8 AR-1262-2    | 8.292  | 6.809f | 384174   | 1362204  | 3.965    | 10.631 #   |
| -----                       |                 |        |        |          |          |          |            |

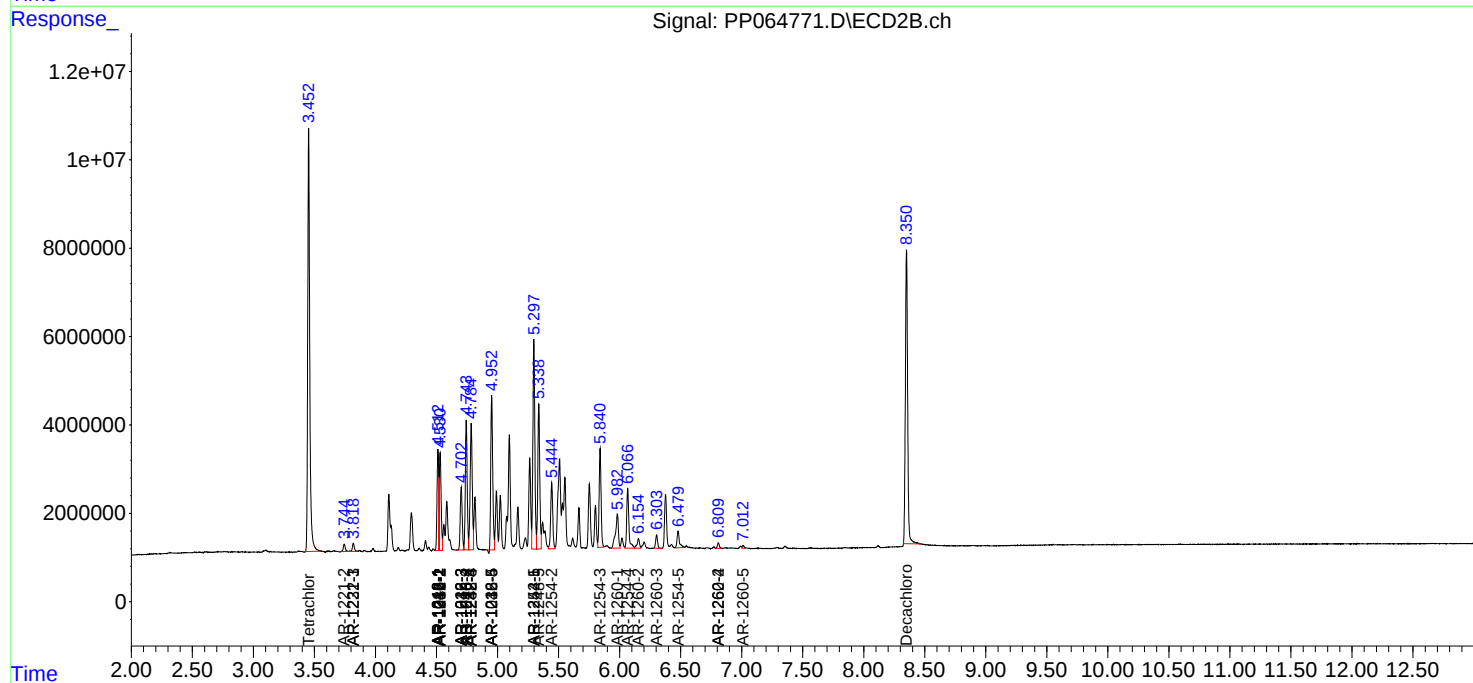
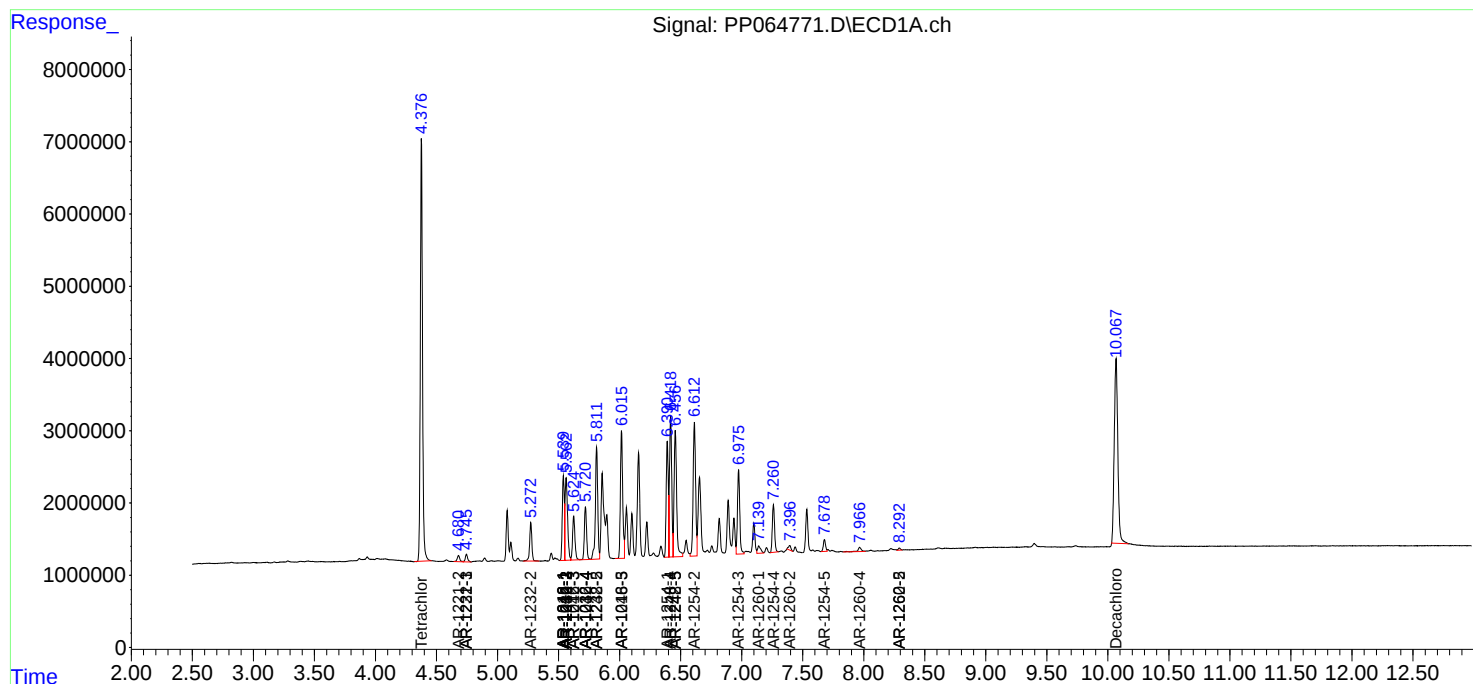
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

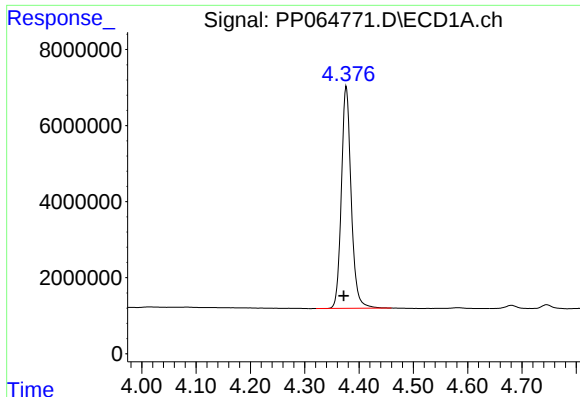
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP050424\  
Data File : PP064771.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 May 2024 14:29  
Operator : YP\AJ  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 05 22:46:28 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

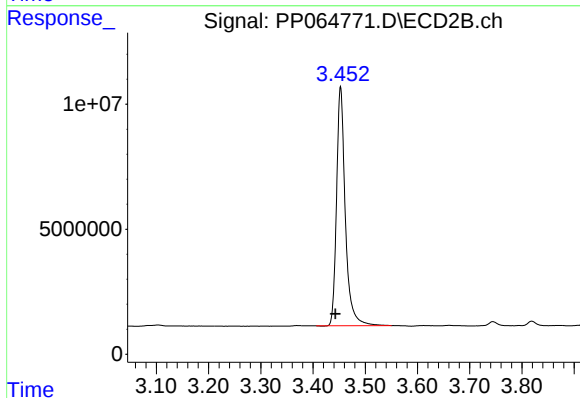




#1 Tetrachloro-m-xylene

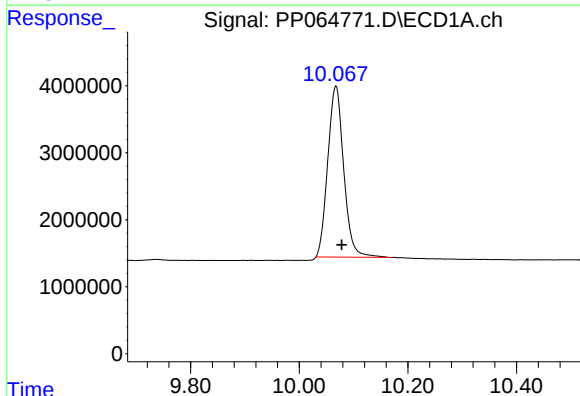
R.T.: 4.377 min  
Delta R.T.: 0.005 min  
Response: 73102158  
Conc: 41.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



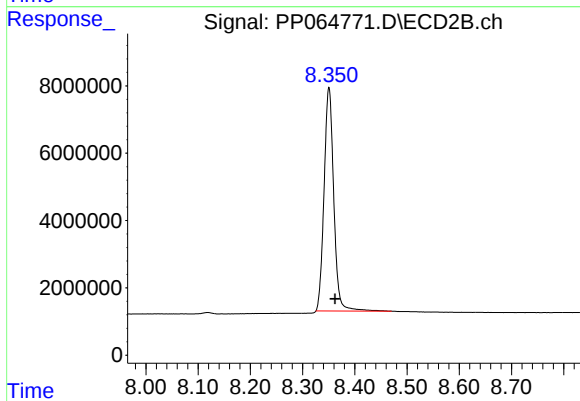
#1 Tetrachloro-m-xylene

R.T.: 3.453 min  
Delta R.T.: 0.010 min  
Response: 111354639  
Conc: 47.23 ng/ml



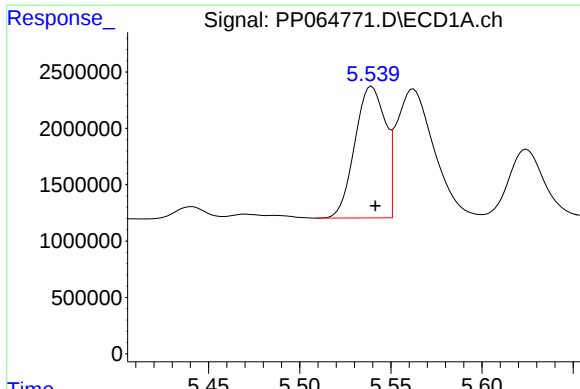
#2 Decachlorobiphenyl

R.T.: 10.068 min  
Delta R.T.: -0.011 min  
Response: 52028333  
Conc: 58.48 ng/ml



#2 Decachlorobiphenyl

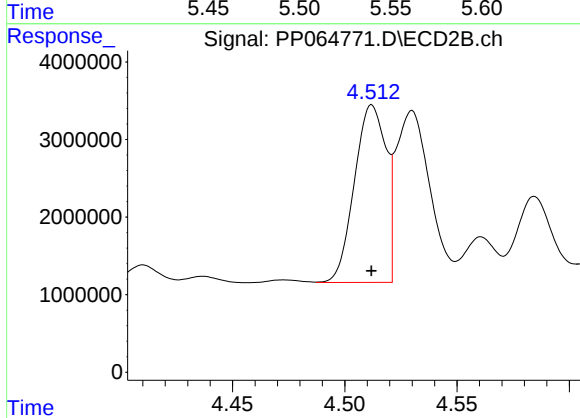
R.T.: 8.351 min  
Delta R.T.: -0.011 min  
Response: 85637410  
Conc: 45.91 ng/ml



#3 AR-1016-1

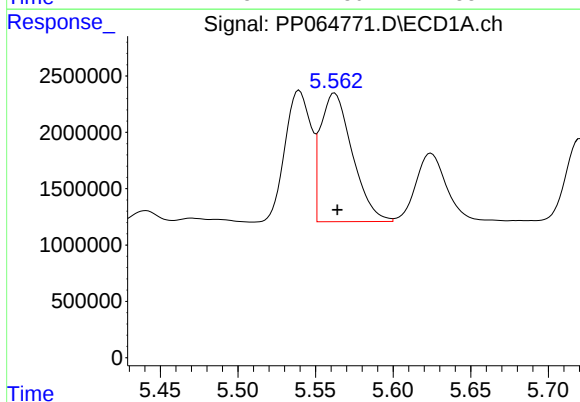
R.T.: 5.540 min  
Delta R.T.: -0.002 min  
Response: 13626778  
Conc: 285.07 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



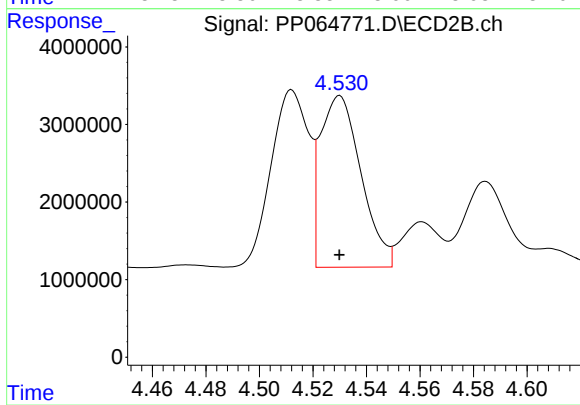
#3 AR-1016-1

R.T.: 4.512 min  
Delta R.T.: 0.000 min  
Response: 22373026  
Conc: 325.56 ng/ml



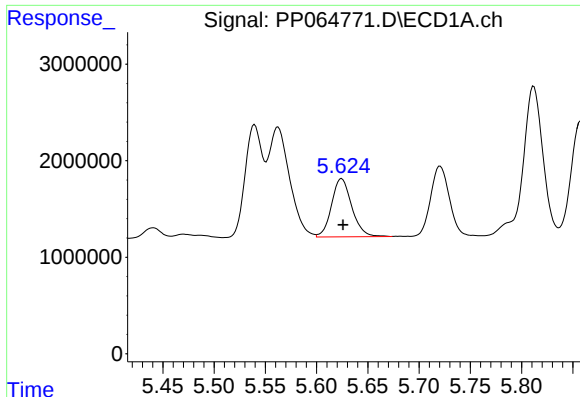
#4 AR-1016-2

R.T.: 5.562 min  
Delta R.T.: -0.002 min  
Response: 16316067  
Conc: 224.54 ng/ml



#4 AR-1016-2

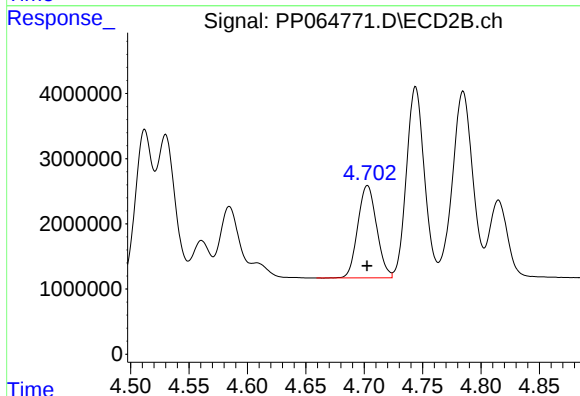
R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 23315430  
Conc: 230.62 ng/ml



#5 AR-1016-3

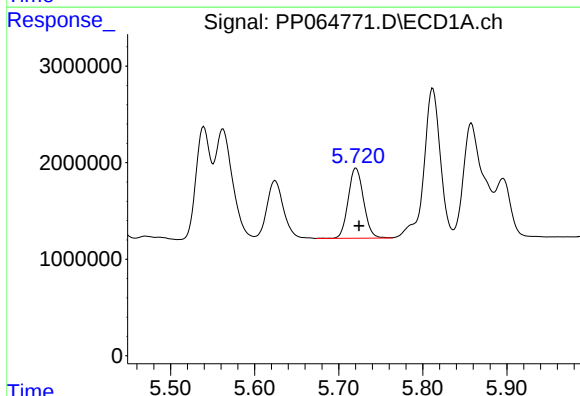
R.T.: 5.624 min  
Delta R.T.: -0.001 min  
Response: 8315554  
Conc: 175.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



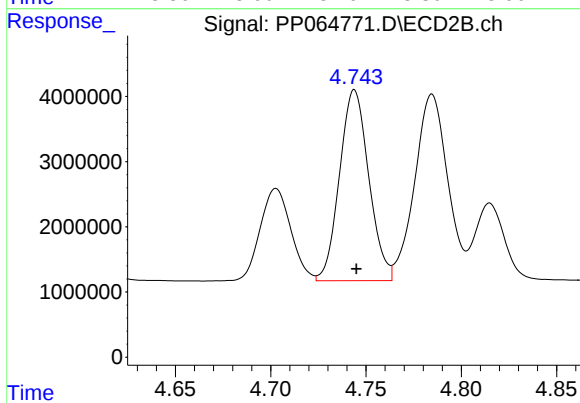
#5 AR-1016-3

R.T.: 4.703 min  
Delta R.T.: 0.000 min  
Response: 15892551  
Conc: 290.74 ng/ml



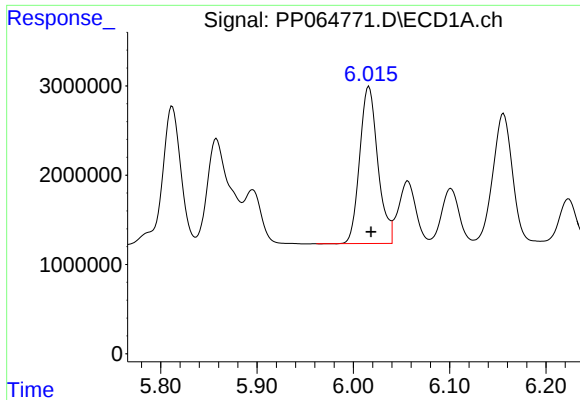
#6 AR-1016-4

R.T.: 5.721 min  
Delta R.T.: -0.004 min  
Response: 9274971  
Conc: 248.19 ng/ml



#6 AR-1016-4

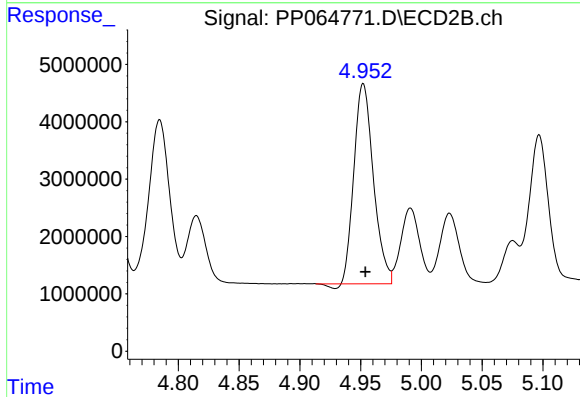
R.T.: 4.744 min  
Delta R.T.: -0.001 min  
Response: 31275254  
Conc: 664.56 ng/ml



#7 AR-1016-5

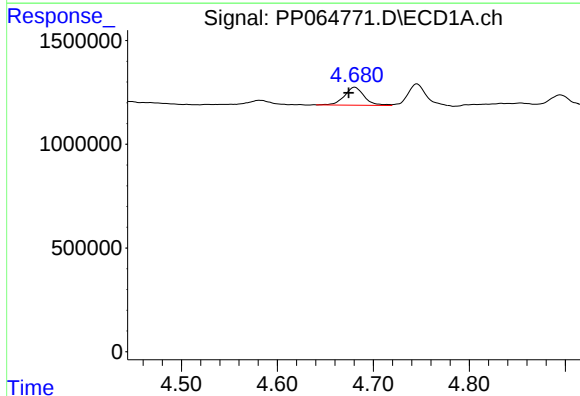
R.T.: 6.016 min  
Delta R.T.: -0.002 min  
Response: 23089326  
Conc: 599.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



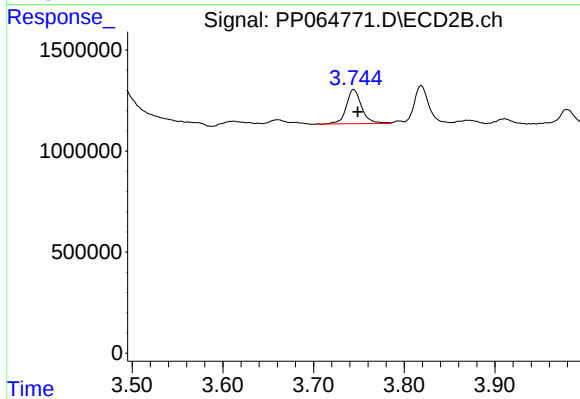
#7 AR-1016-5

R.T.: 4.952 min  
Delta R.T.: -0.002 min  
Response: 38648385  
Conc: 642.43 ng/ml



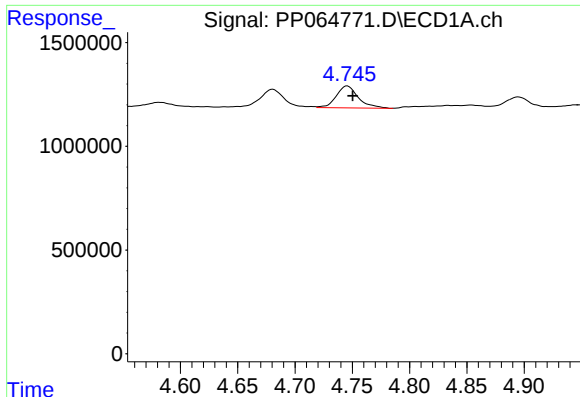
#9 AR-1221-2

R.T.: 4.681 min  
Delta R.T.: 0.006 min  
Response: 1251206  
Conc: 93.79 ng/ml



#9 AR-1221-2

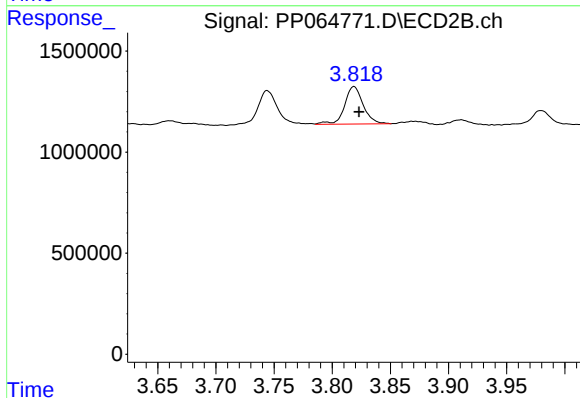
R.T.: 3.744 min  
Delta R.T.: -0.005 min  
Response: 1984277  
Conc: 96.22 ng/ml



#10 AR-1221-3

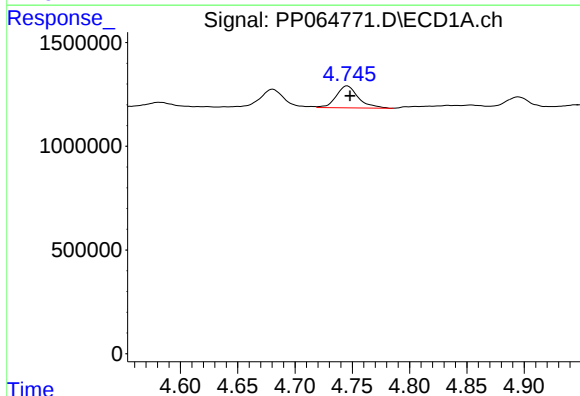
R.T.: 4.746 min  
Delta R.T.: -0.005 min  
Response: 1420487  
Conc: 35.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



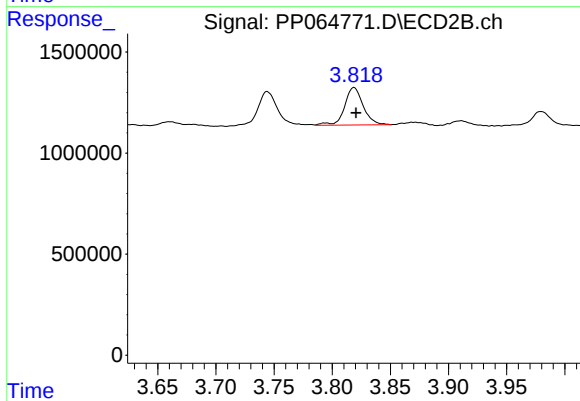
#10 AR-1221-3

R.T.: 3.819 min  
Delta R.T.: -0.004 min  
Response: 2060104  
Conc: 33.52 ng/ml



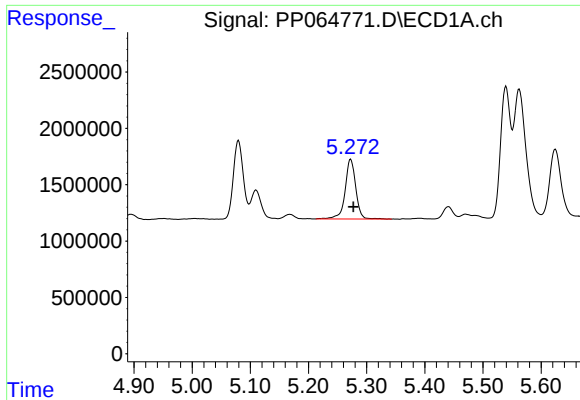
#11 AR-1232-1

R.T.: 4.746 min  
Delta R.T.: -0.002 min  
Response: 1420487  
Conc: 43.91 ng/ml



#11 AR-1232-1

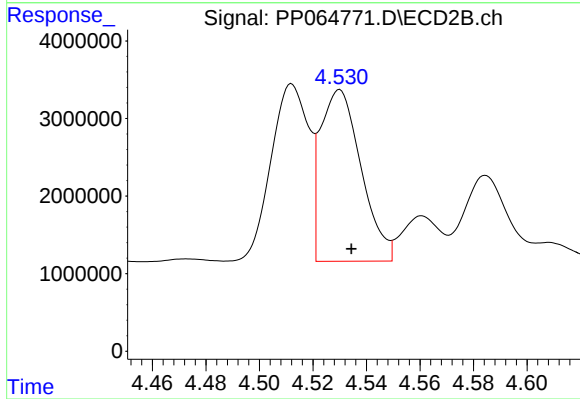
R.T.: 3.819 min  
Delta R.T.: -0.002 min  
Response: 2060104  
Conc: 41.36 ng/ml



#12 AR-1232-2

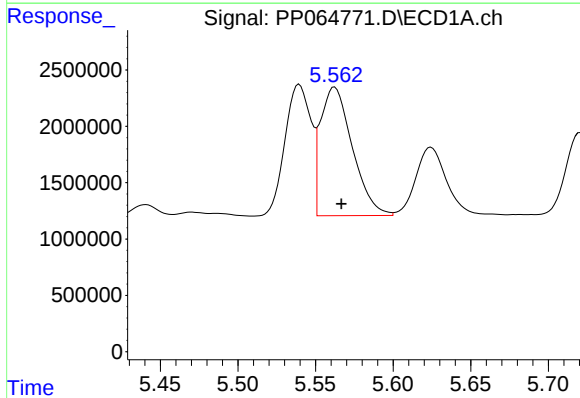
R.T.: 5.273 min  
Delta R.T.: -0.004 min  
Response: 6737931  
Conc: 358.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



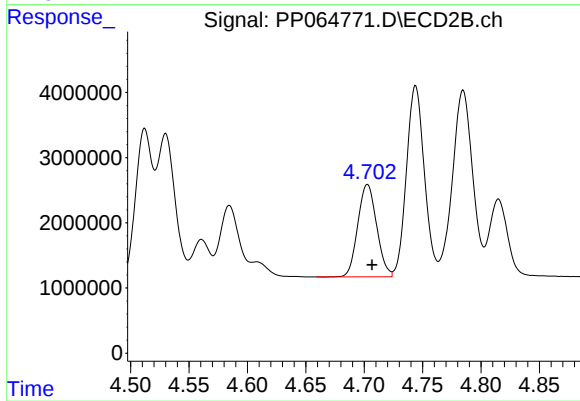
#12 AR-1232-2

R.T.: 4.530 min  
Delta R.T.: -0.004 min  
Response: 23315430  
Conc: 522.41 ng/ml



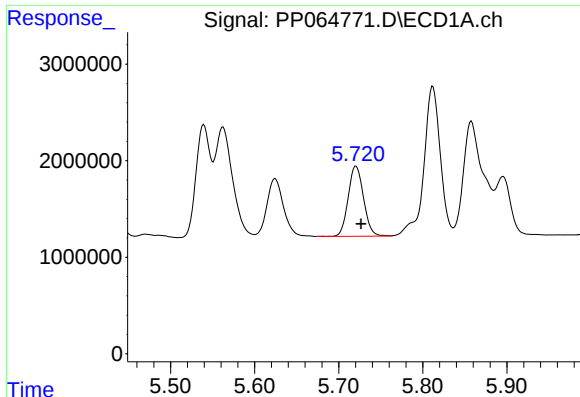
#13 AR-1232-3

R.T.: 5.562 min  
Delta R.T.: -0.004 min  
Response: 16316067  
Conc: 504.22 ng/ml



#13 AR-1232-3

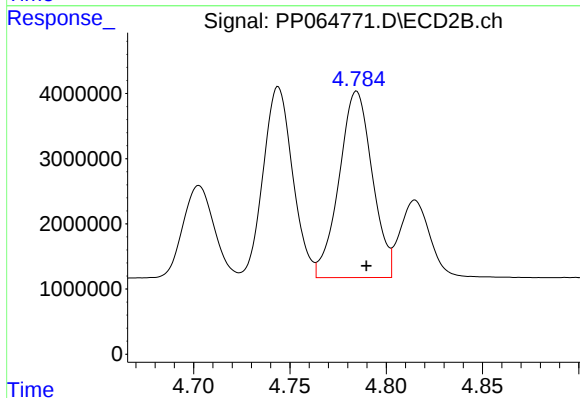
R.T.: 4.703 min  
Delta R.T.: -0.004 min  
Response: 15892551  
Conc: 667.52 ng/ml



#14 AR-1232-4

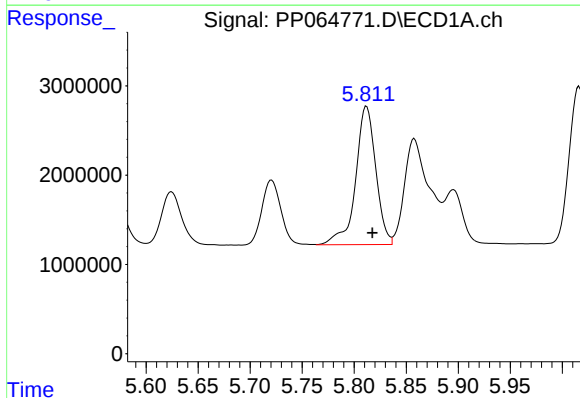
R.T.: 5.721 min  
Delta R.T.: -0.006 min  
Response: 9274971  
Conc: 556.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



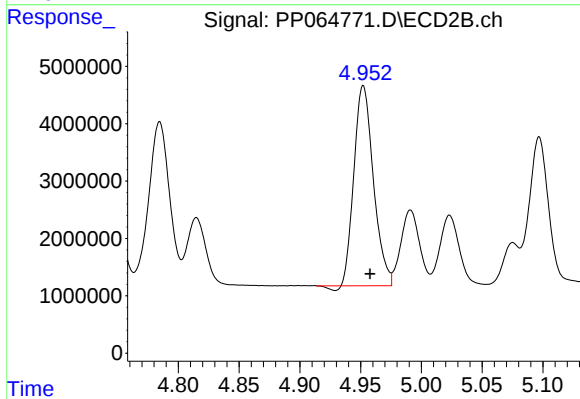
#14 AR-1232-4

R.T.: 4.785 min  
Delta R.T.: -0.005 min  
Response: 34222841  
Conc: 1454.97 ng/ml



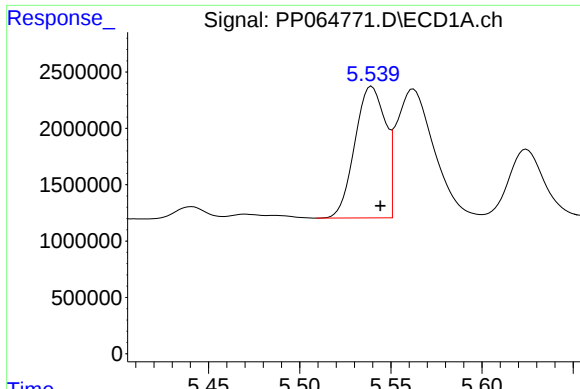
#15 AR-1232-5

R.T.: 5.812 min  
Delta R.T.: -0.006 min  
Response: 20903602  
Conc: 1473.30 ng/ml



#15 AR-1232-5

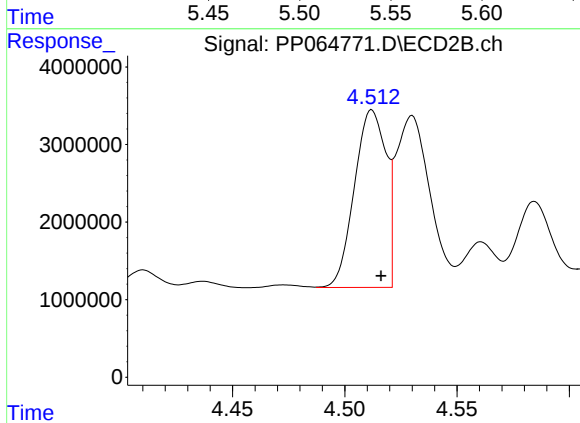
R.T.: 4.952 min  
Delta R.T.: -0.006 min  
Response: 38648385  
Conc: 1559.63 ng/ml



#16 AR-1242-1

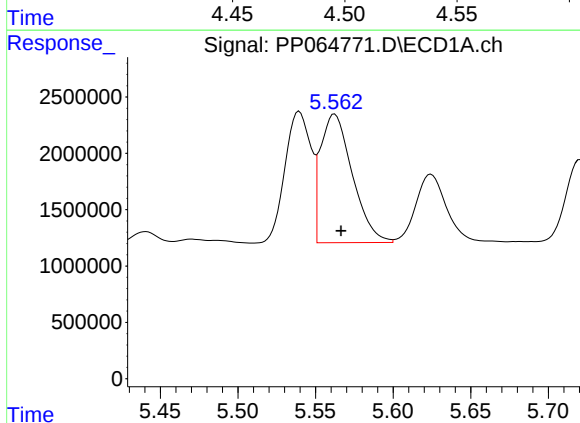
R.T.: 5.540 min  
Delta R.T.: -0.005 min  
Response: 13626778  
Conc: 339.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



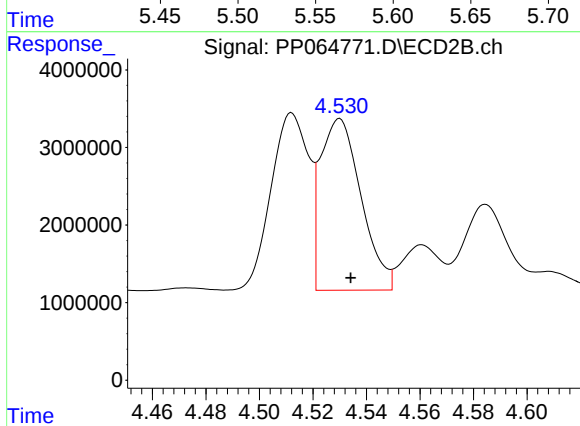
#16 AR-1242-1

R.T.: 4.512 min  
Delta R.T.: -0.004 min  
Response: 22373026  
Conc: 392.70 ng/ml



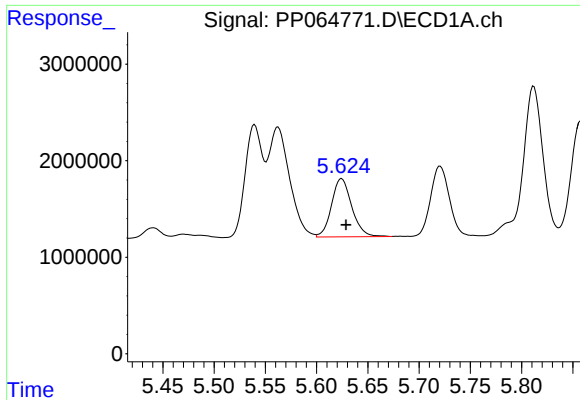
#17 AR-1242-2

R.T.: 5.562 min  
Delta R.T.: -0.004 min  
Response: 16316067  
Conc: 269.95 ng/ml



#17 AR-1242-2

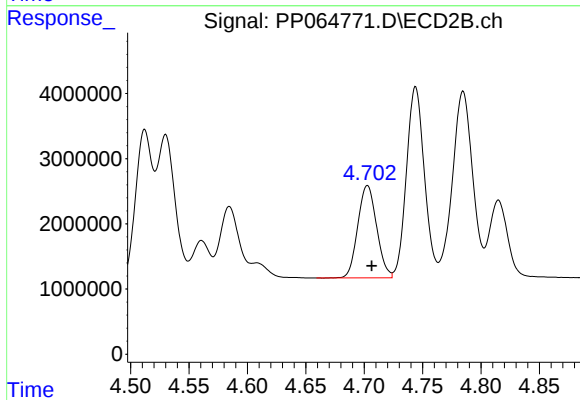
R.T.: 4.530 min  
Delta R.T.: -0.004 min  
Response: 23315430  
Conc: 282.13 ng/ml



#18 AR-1242-3

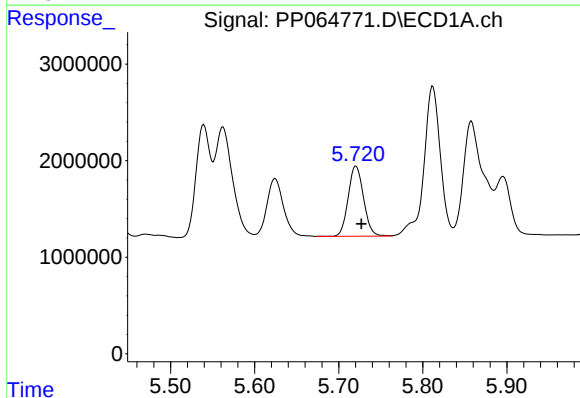
R.T.: 5.624 min  
Delta R.T.: -0.004 min  
Response: 8315554  
Conc: 209.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



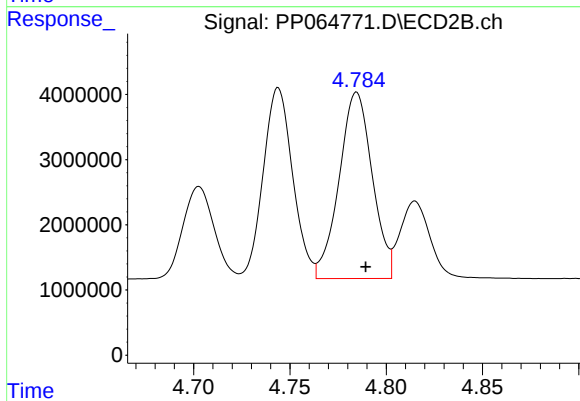
#18 AR-1242-3

R.T.: 4.703 min  
Delta R.T.: -0.004 min  
Response: 15892551  
Conc: 352.47 ng/ml



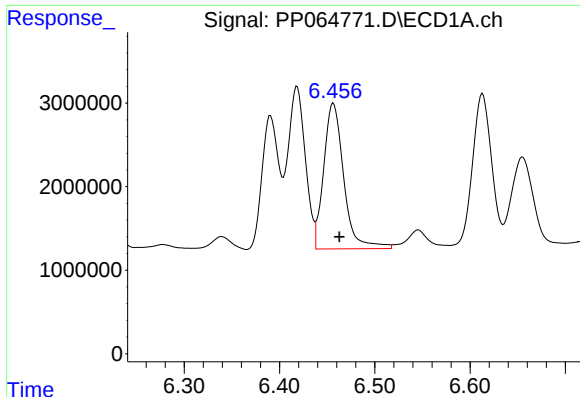
#19 AR-1242-4

R.T.: 5.721 min  
Delta R.T.: -0.006 min  
Response: 9274971  
Conc: 295.40 ng/ml



#19 AR-1242-4

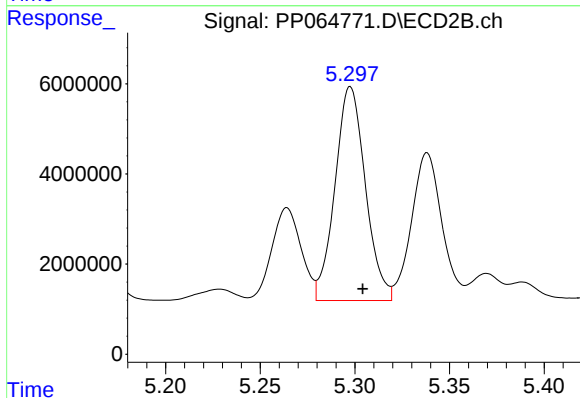
R.T.: 4.785 min  
Delta R.T.: -0.005 min  
Response: 34222841  
Conc: 708.42 ng/ml



#20 AR-1242-5

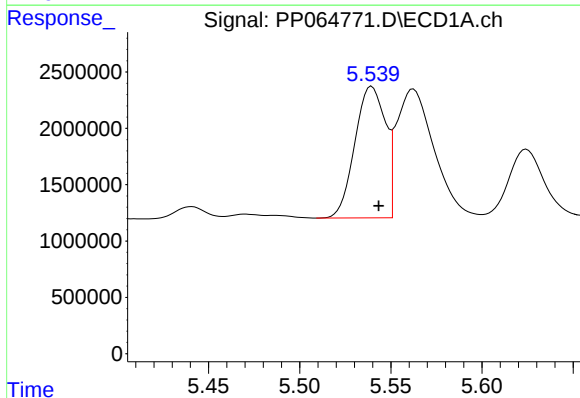
R.T.: 6.457 min  
Delta R.T.: -0.006 min  
Response: 25531969  
Conc: 849.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



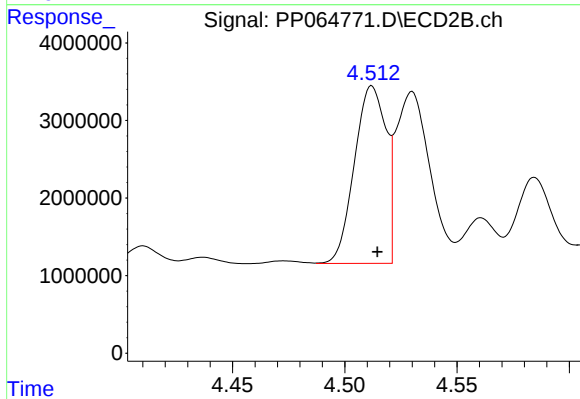
#20 AR-1242-5

R.T.: 5.298 min  
Delta R.T.: -0.006 min  
Response: 53072245  
Conc: 1056.20 ng/ml



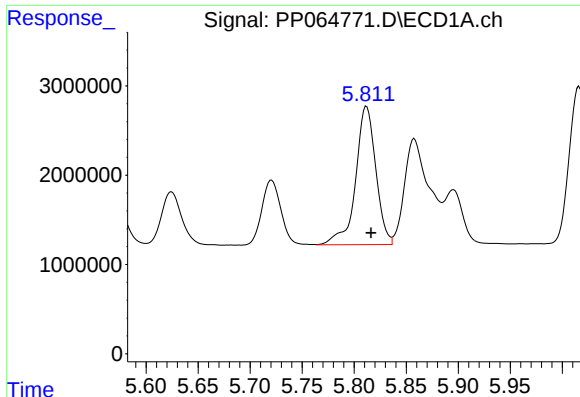
#21 AR-1248-1

R.T.: 5.540 min  
Delta R.T.: -0.004 min  
Response: 13626778  
Conc: 449.14 ng/ml



#21 AR-1248-1

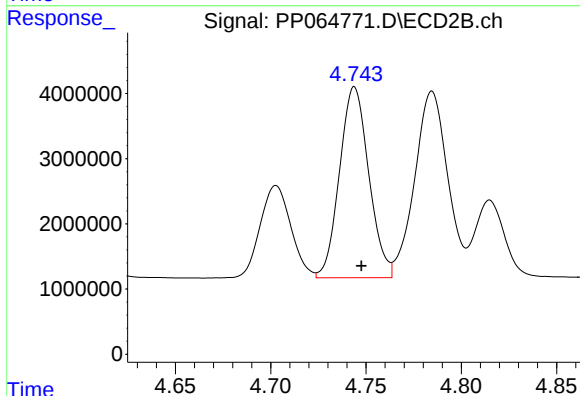
R.T.: 4.512 min  
Delta R.T.: -0.003 min  
Response: 22373026  
Conc: 516.09 ng/ml



#22 AR-1248-2

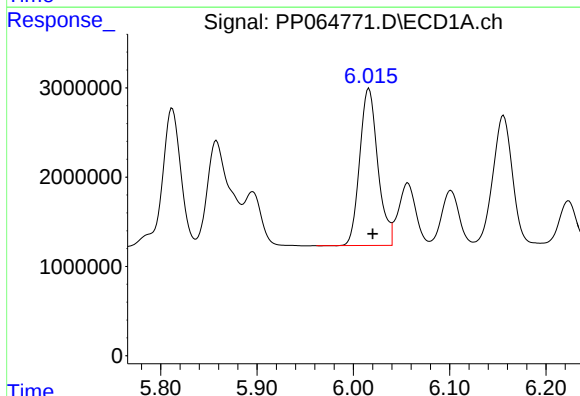
R.T.: 5.812 min  
Delta R.T.: -0.004 min  
Response: 20903602  
Conc: 416.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



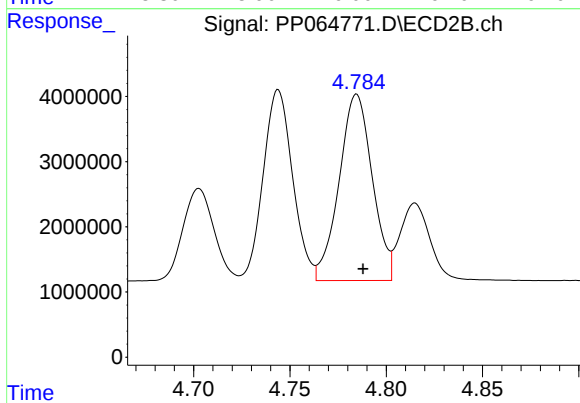
#22 AR-1248-2

R.T.: 4.744 min  
Delta R.T.: -0.004 min  
Response: 31275254  
Conc: 457.85 ng/ml



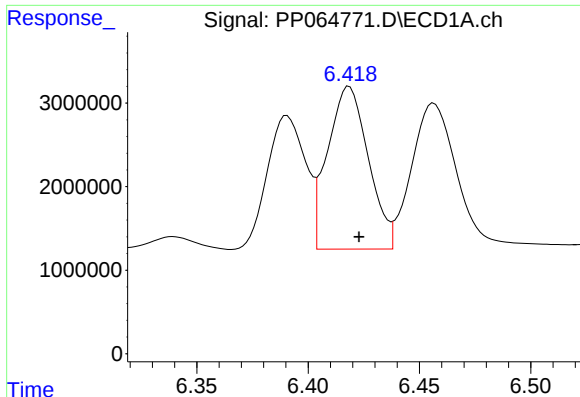
#23 AR-1248-3

R.T.: 6.016 min  
Delta R.T.: -0.004 min  
Response: 23089326  
Conc: 430.03 ng/ml



#23 AR-1248-3

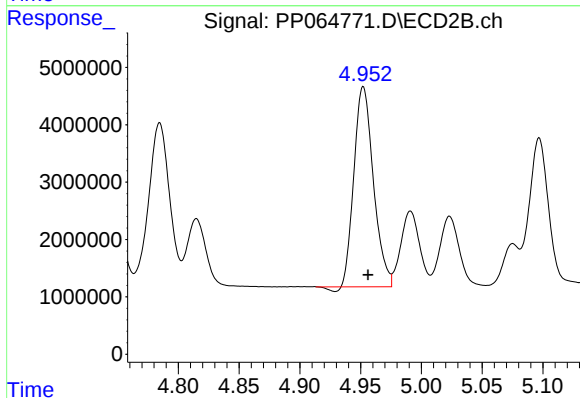
R.T.: 4.785 min  
Delta R.T.: -0.003 min  
Response: 34222841  
Conc: 478.60 ng/ml



#24 AR-1248-4

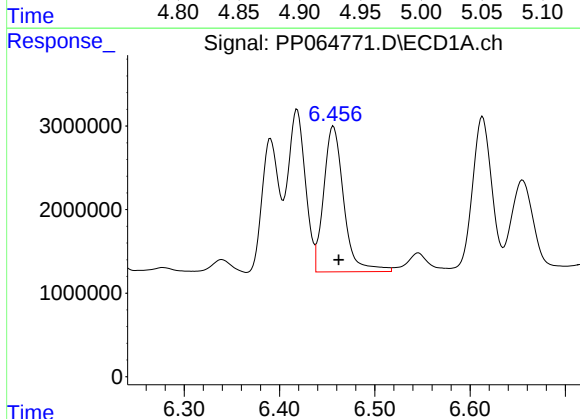
R.T.: 6.418 min  
Delta R.T.: -0.005 min  
Response: 24818205  
Conc: 501.14 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



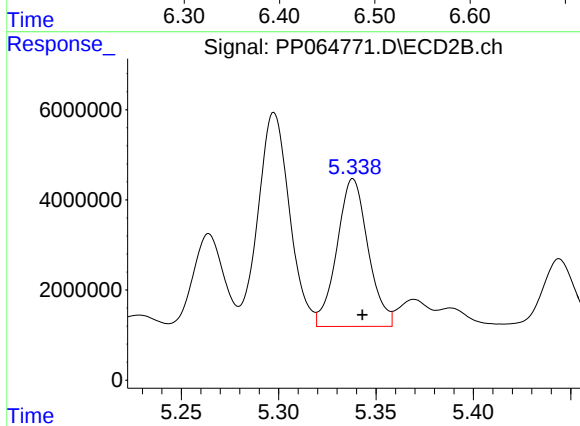
#24 AR-1248-4

R.T.: 4.952 min  
Delta R.T.: -0.004 min  
Response: 38648385  
Conc: 465.79 ng/ml



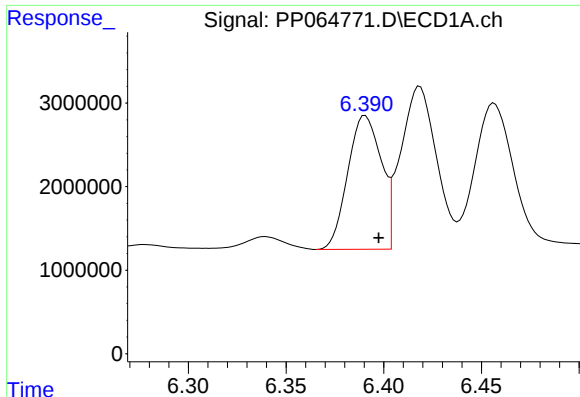
#25 AR-1248-5

R.T.: 6.457 min  
Delta R.T.: -0.006 min  
Response: 25531969  
Conc: 495.85 ng/ml



#25 AR-1248-5

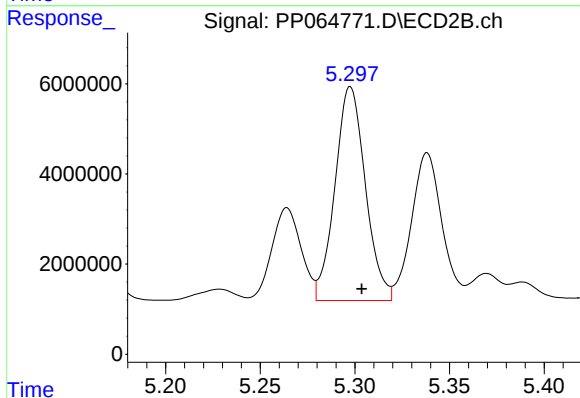
R.T.: 5.338 min  
Delta R.T.: -0.005 min  
Response: 36535526  
Conc: 565.55 ng/ml



#26 AR-1254-1

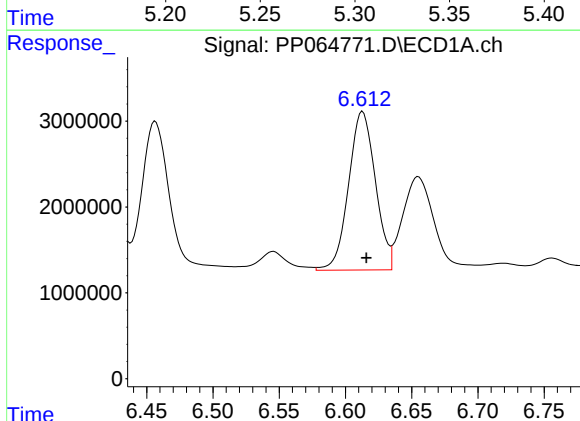
R.T.: 6.391 min  
Delta R.T.: -0.007 min  
Response: 19100528  
Conc: 319.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



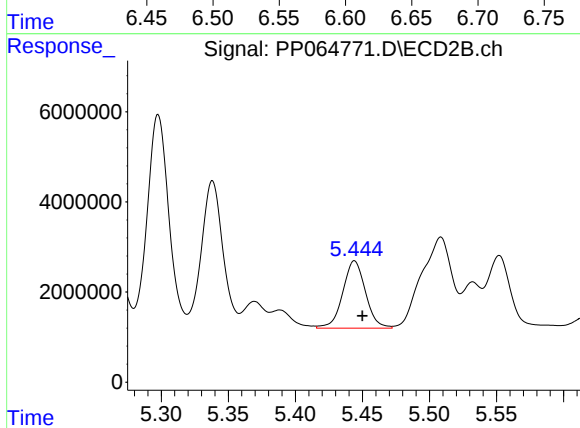
#26 AR-1254-1

R.T.: 5.298 min  
Delta R.T.: -0.006 min  
Response: 53072245  
Conc: 450.09 ng/ml



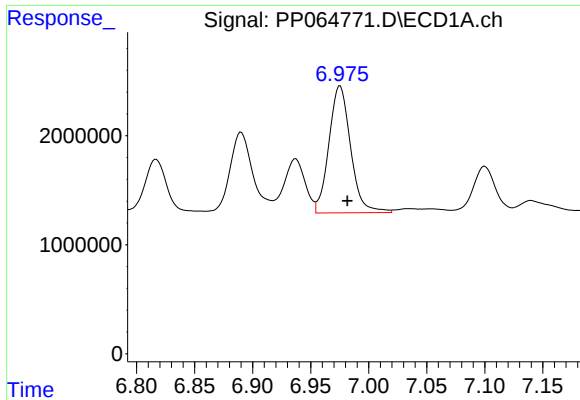
#27 AR-1254-2

R.T.: 6.613 min  
Delta R.T.: -0.003 min  
Response: 26043428  
Conc: 296.74 ng/ml



#27 AR-1254-2

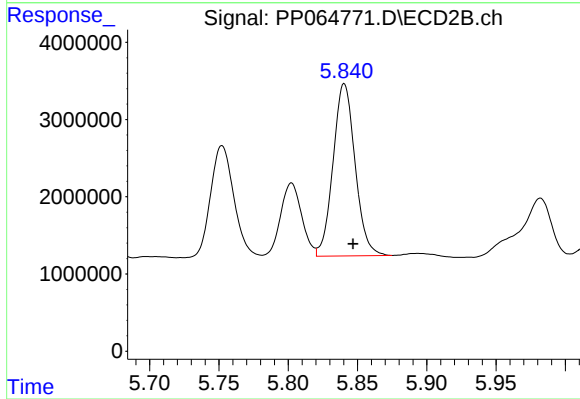
R.T.: 5.444 min  
Delta R.T.: -0.006 min  
Response: 17628472  
Conc: 167.20 ng/ml



#28 AR-1254-3

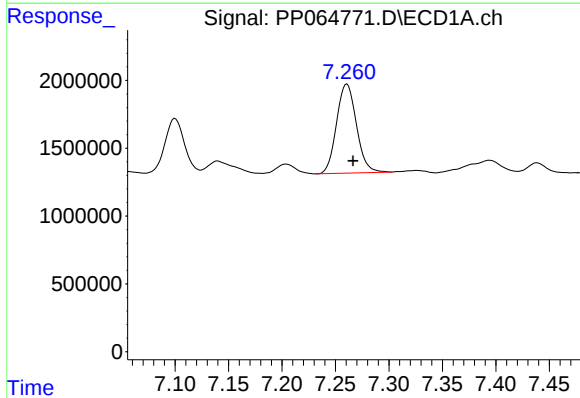
R.T.: 6.975 min  
Delta R.T.: -0.006 min  
Response: 15185645  
Conc: 179.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



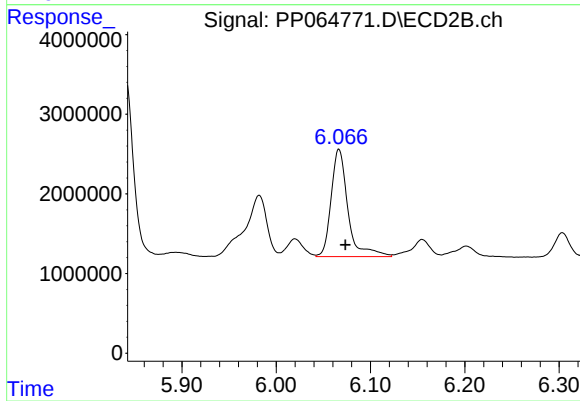
#28 AR-1254-3

R.T.: 5.840 min  
Delta R.T.: -0.006 min  
Response: 24667598  
Conc: 153.66 ng/ml



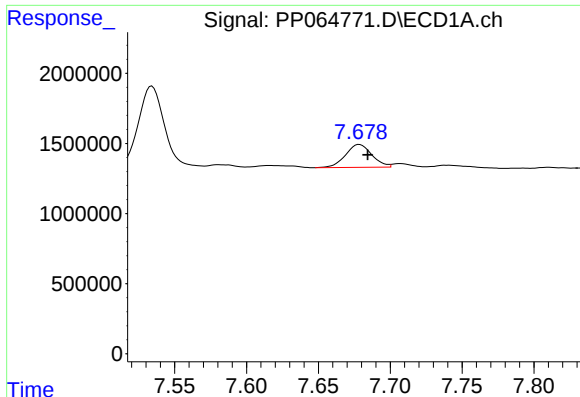
#29 AR-1254-4

R.T.: 7.261 min  
Delta R.T.: -0.006 min  
Response: 8494395  
Conc: 190.74 ng/ml



#29 AR-1254-4

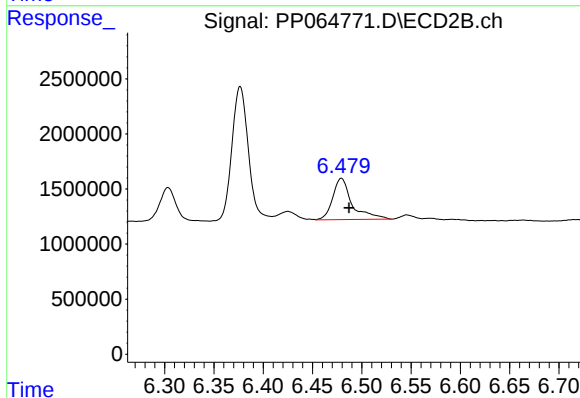
R.T.: 6.067 min  
Delta R.T.: -0.007 min  
Response: 16693835  
Conc: 232.17 ng/ml



#30 AR-1254-5

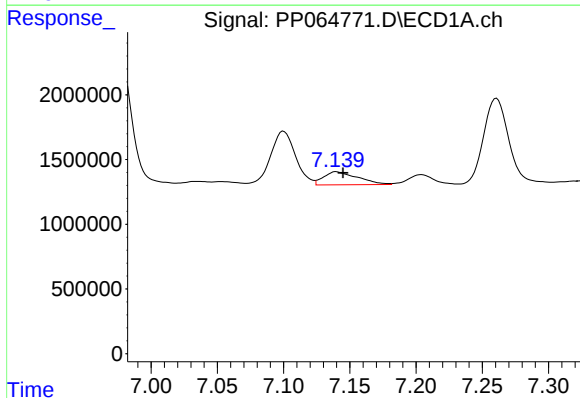
R.T.: 7.679 min  
Delta R.T.: -0.006 min  
Response: 2087091  
Conc: 37.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



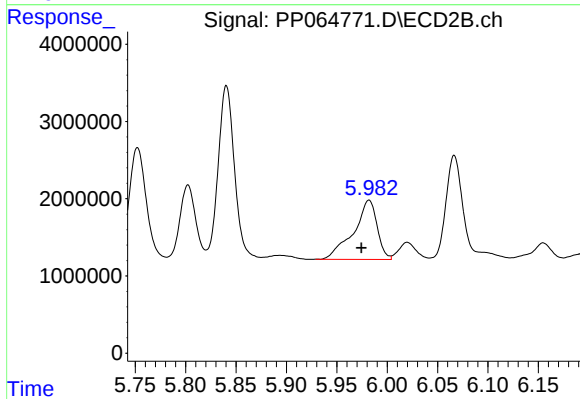
#30 AR-1254-5

R.T.: 6.479 min  
Delta R.T.: -0.008 min  
Response: 5146320  
Conc: 39.48 ng/ml



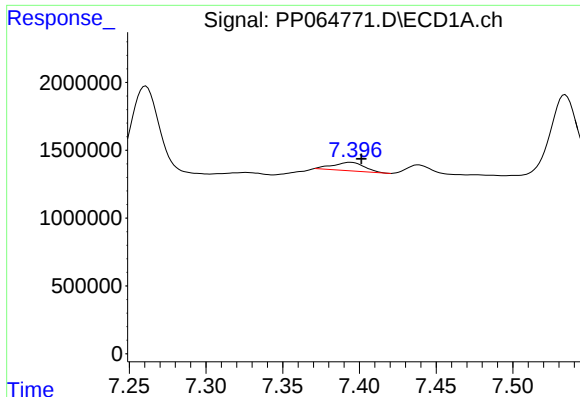
#31 AR-1260-1

R.T.: 7.140 min  
Delta R.T.: -0.005 min  
Response: 1817296  
Conc: 26.56 ng/ml



#31 AR-1260-1

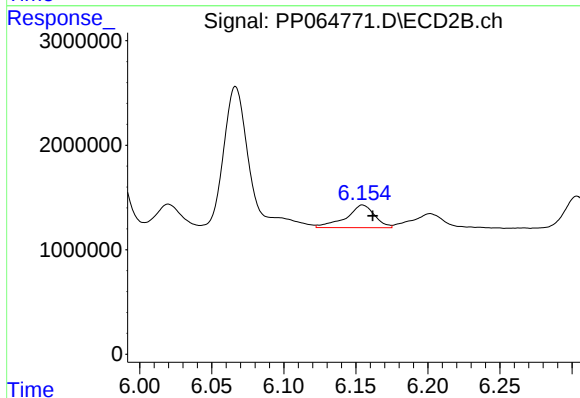
R.T.: 5.982 min  
Delta R.T.: 0.007 min  
Response: 12580046  
Conc: 107.11 ng/ml



#32 AR-1260-2

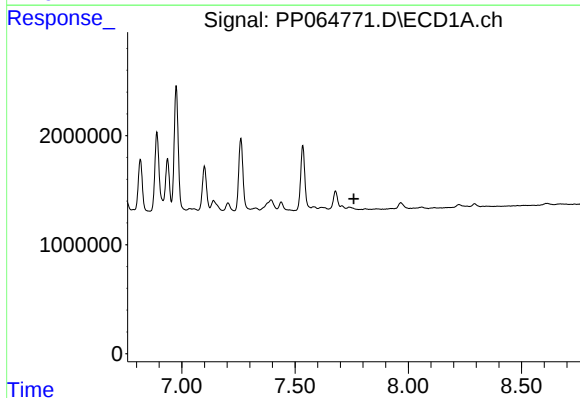
R.T.: 7.394 min  
Delta R.T.: -0.007 min  
Response: 887570  
Conc: 12.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



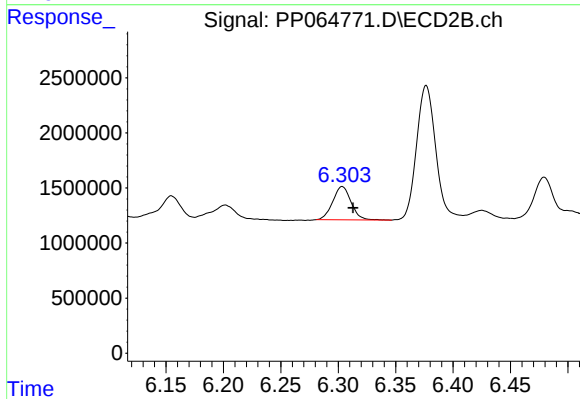
#32 AR-1260-2

R.T.: 6.155 min  
Delta R.T.: -0.007 min  
Response: 2996646  
Conc: 22.91 ng/ml



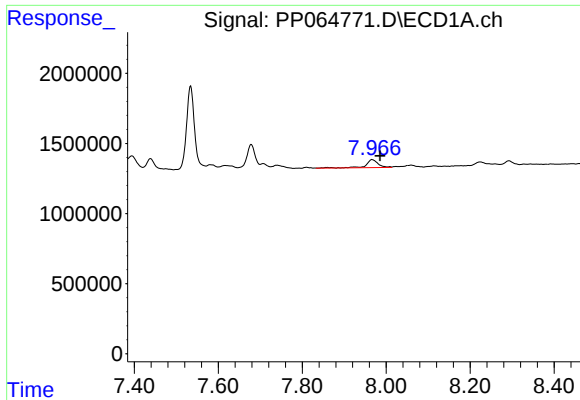
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.760 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

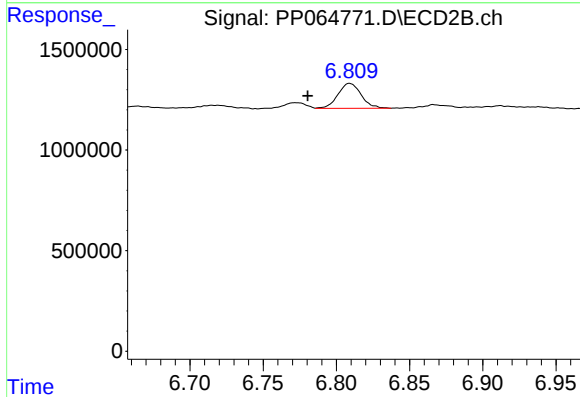
R.T.: 6.303 min  
Delta R.T.: -0.009 min  
Response: 3369968  
Conc: 26.22 ng/ml



#34 AR-1260-4

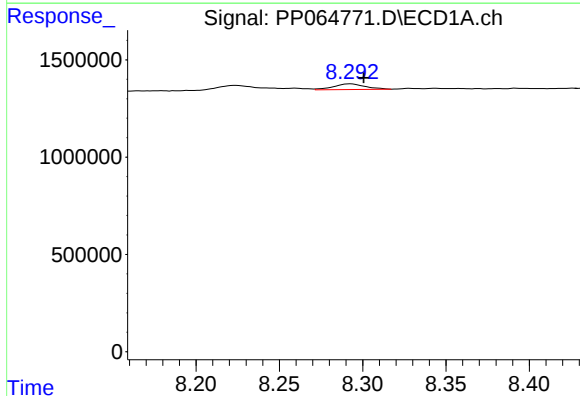
R.T.: 7.967 min  
Delta R.T.: -0.019 min  
Response: 1126204  
Conc: 19.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



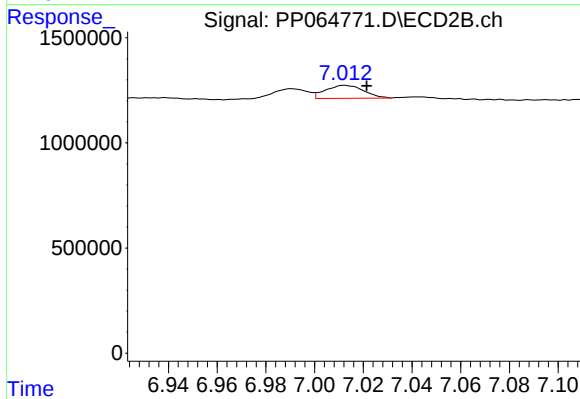
#34 AR-1260-4

R.T.: 6.809 min  
Delta R.T.: 0.029 min  
Response: 1362204  
Conc: 13.11 ng/ml



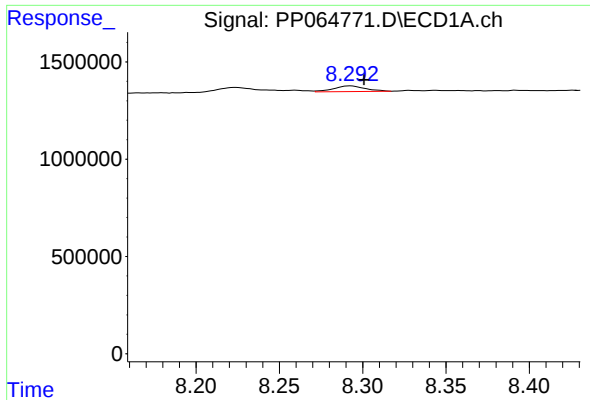
#35 AR-1260-5

R.T.: 8.292 min  
Delta R.T.: -0.008 min  
Response: 384174  
Conc: 4.07 ng/ml



#35 AR-1260-5

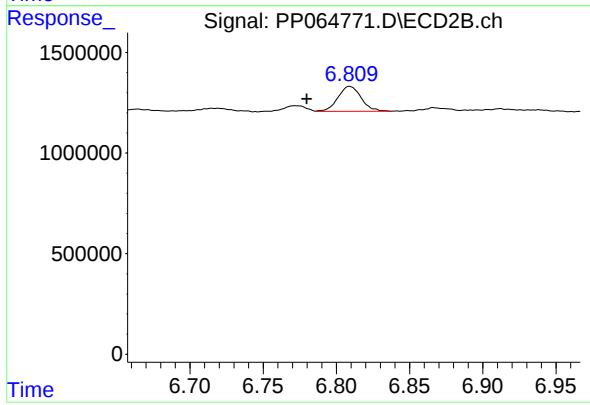
R.T.: 7.012 min  
Delta R.T.: -0.009 min  
Response: 674192  
Conc: 3.33 ng/ml



#37 AR-1262-2

R.T.: 8.292 min  
Delta R.T.: -0.008 min  
Response: 384174  
Conc: 3.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



#37 AR-1262-2

R.T.: 6.809 min  
Delta R.T.: 0.029 min  
Response: 1362204  
Conc: 10.63 ng/ml