

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032824\  
 Data File : PP063914.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Mar 2024 20:59  
 Operator : YP\AJ  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 29 01:33:27 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031924.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 19 06:23:02 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...          | 4.487  | 3.638  | 114.4E6  | 120.9E6  | 47.928   | 50.630     |
| 2) SA Decachlor...          | 10.357 | 8.672  | 120.3E6  | 112.3E6  | 47.400   | 41.541     |
| Target Compounds            |        |        |          |          |          |            |
| 3) L1 AR-1016-1             | 5.669  | 4.729  | 23541791 | 23909223 | 282.509  | 289.438    |
| 4) L1 AR-1016-2             | 5.692  | 4.747  | 28326197 | 24841355 | 234.183  | 214.284    |
| 5) L1 AR-1016-3             | 5.755  | 4.925  | 14541056 | 17011091 | 182.078  | 273.315 #  |
| 6) L1 AR-1016-4             | 5.854  | 4.967  | 16088974 | 36080640 | 257.040  | 658.370 #  |
| 7) L1 AR-1016-5             | 6.151  | 5.180  | 40137071 | 42846599 | 622.912  | 616.383    |
| 9) L2 AR-1221-2             | 4.797  | 3.939  | 2034948  | 1865613  | 96.754   | 91.032     |
| 10) L2 AR-1221-3            | 4.862  | 4.016  | 2024183  | 2104829  | 33.509   | 33.869     |
| 11) L3 AR-1232-1            | 4.862  | 4.016  | 2024183  | 2104829  | 37.406   | 38.184     |
| 12) L3 AR-1232-2            | 5.398  | 4.747  | 10987936 | 24841355 | 351.863  | 483.139 #  |
| 13) L3 AR-1232-3            | 5.692  | 4.925  | 28326197 | 17011091 | 523.762  | 613.333    |
| 14) L3 AR-1232-4            | 5.854  | 5.009  | 16088974 | 37904917 | 578.455  | 1381.713 # |
| 15) L3 AR-1232-5            | 5.946  | 5.180  | 36206083 | 42846599 | 1550.427 | 1452.087   |
| 16) L4 AR-1242-1            | 5.669  | 4.729  | 23541791 | 23909223 | 390.299  | 405.586    |
| 17) L4 AR-1242-2            | 5.692  | 4.747  | 28326197 | 24841355 | 329.865  | 303.549    |
| 18) L4 AR-1242-3            | 5.755  | 4.925  | 14541056 | 17011091 | 258.705  | 379.016 #  |
| 19) L4 AR-1242-4            | 5.854  | 5.009  | 16088974 | 37904917 | 357.573  | 763.692 #  |
| 20) L4 AR-1242-5            | 6.598  | 5.534  | 43900147 | 58416391 | 980.266  | 1000.992   |
| 21) L5 AR-1248-1            | 5.669  | 4.729  | 23541791 | 23909223 | 503.910  | 536.779    |
| 22) L5 AR-1248-2            | 5.946  | 4.967  | 36206083 | 36080640 | 498.858  | 508.366    |
| 23) L5 AR-1248-3            | 6.151  | 5.009  | 40137071 | 37904917 | 497.089  | 512.227    |
| 24) L5 AR-1248-4            | 6.558  | 5.180  | 43626564 | 42846599 | 533.497  | 494.810    |
| 25) L5 AR-1248-5            | 6.598  | 5.575  | 43900147 | 39613231 | 538.278  | 527.629    |
| 26) L6 AR-1254-1            | 6.531  | 5.534  | 34439079 | 58416391 | 378.795  | 472.729    |
| 27) L6 AR-1254-2            | 6.756  | 5.683  | 45084674 | 19009889 | 328.866  | 165.620 #  |
| 28) L6 AR-1254-3            | 7.123  | 6.088  | 25755840 | 27903590 | 184.042  | 155.072    |
| 29) L6 AR-1254-4            | 7.410  | 6.318  | 16068959 | 18324226 | 176.373  | 198.853    |
| 30) L6 AR-1254-5            | 7.833  | 6.737  | 3461060  | 5430949  | 29.437   | 32.536     |
| 31) L7 AR-1260-1            | 7.289  | 6.232  | 3143568  | 13690314 | 24.889   | 95.798 #   |
| 32) L7 AR-1260-2            | 7.546  | 6.407  | 4267315  | 3070974  | 29.891   | 18.167 #   |
| 33) L7 AR-1260-3            | 0.000  | 6.560  | 0        | 3202736  | N.D.     | 19.926 #   |
| 34) L7 AR-1260-4            | 8.124f | 7.035  | 2013119  | 352358   | 16.734   | 2.891 #    |
| 35) L7 AR-1260-5            | 0.000  | 7.278  | 0        | 700852   | N.D.     | 2.627 #    |
| 36) L8 AR-1262-1            | 0.000  | 6.806f | 0        | 303360   | N.D.     | 4.493 #    |
| 37) L8 AR-1262-2            | 0.000  | 7.035  | 0        | 352358   | N.D.     | 2.205 #    |
| 39) L8 AR-1262-4            | 0.000  | 7.626  | 0        | 783168   | N.D.     | 3.664 #    |
| 42) L9 AR-1268-2            | 0.000  | 7.626  | 0        | 783168   | N.D.     | 2.279 #    |
| 45) L9 AR-1268-5            | 0.000  | 8.416  | 0        | 587728   | N.D.     | 0.709 #    |
| -----                       |        |        |          |          |          |            |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032824\  
Data File : PP063914.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Mar 2024 20:59  
Operator : YP\AJ  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 29 01:33:27 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031924.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 19 06:23:02 2024  
Response via : Initial Calibration  
Integrator: ChemStation

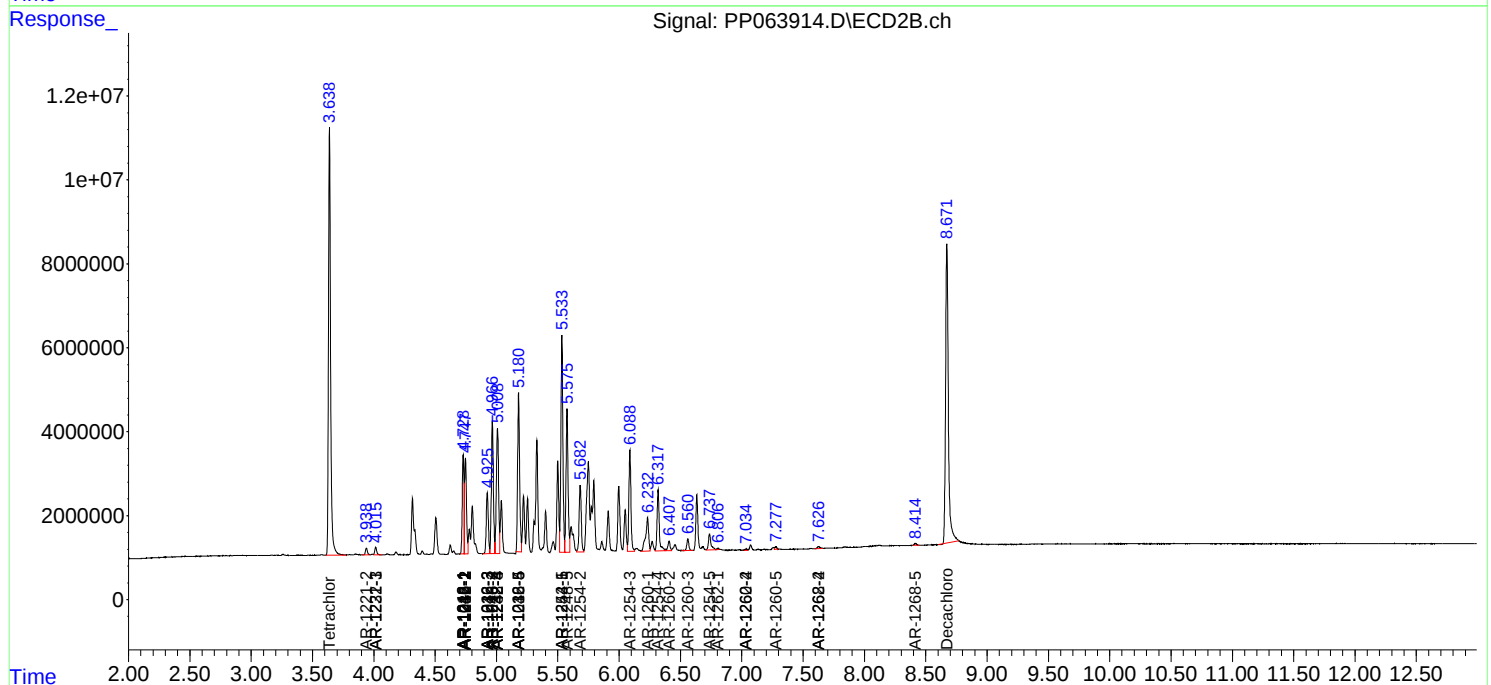
Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

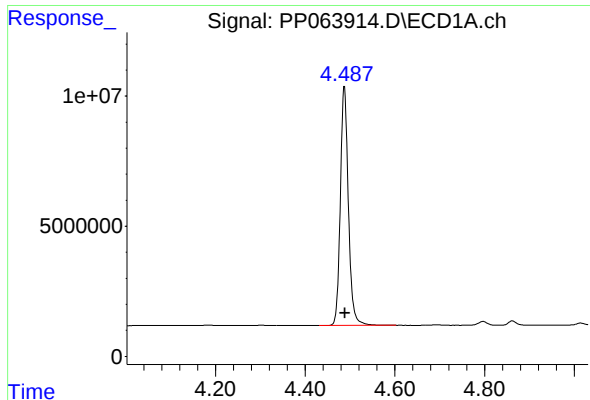
| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|----------|------|------|--------|--------|-------|-------|
| -----    |      |      |        |        |       |       |

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

Instrument :  
ECD\_P  
ClientSampleId :

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

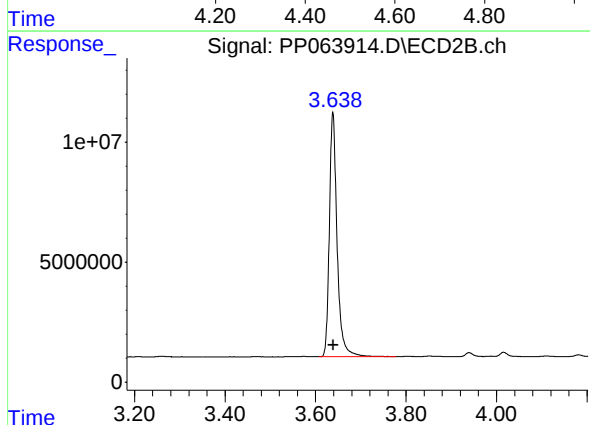




#1 Tetrachloro-m-xylene

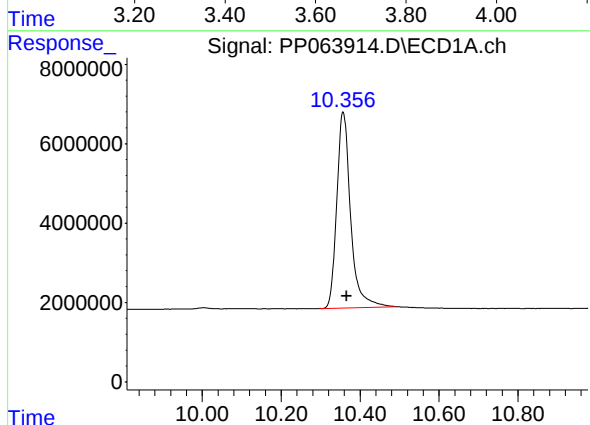
R.T.: 4.487 min  
Delta R.T.: -0.002 min  
Response: 114363207  
Conc: 47.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



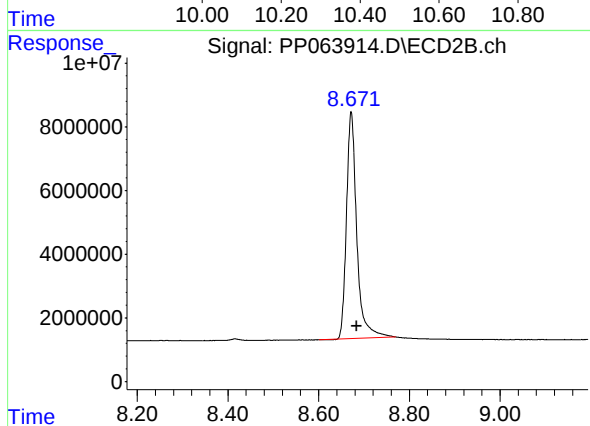
#1 Tetrachloro-m-xylene

R.T.: 3.638 min  
Delta R.T.: 0.000 min  
Response: 120879932  
Conc: 50.63 ng/ml



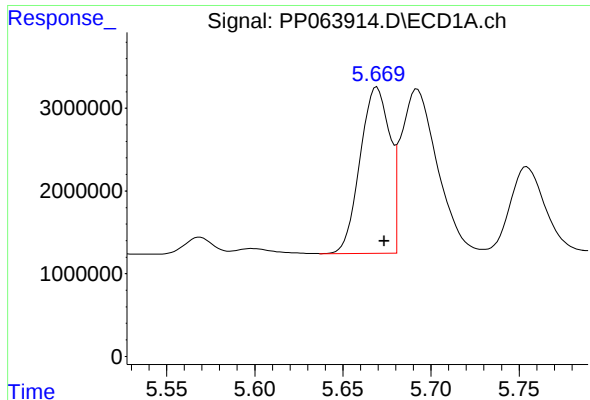
#2 Decachlorobiphenyl

R.T.: 10.357 min  
Delta R.T.: -0.008 min  
Response: 120347605  
Conc: 47.40 ng/ml



#2 Decachlorobiphenyl

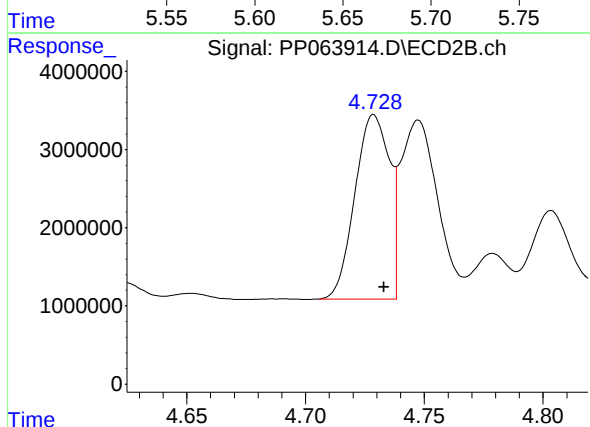
R.T.: 8.672 min  
Delta R.T.: -0.012 min  
Response: 112265664  
Conc: 41.54 ng/ml



#3 AR-1016-1

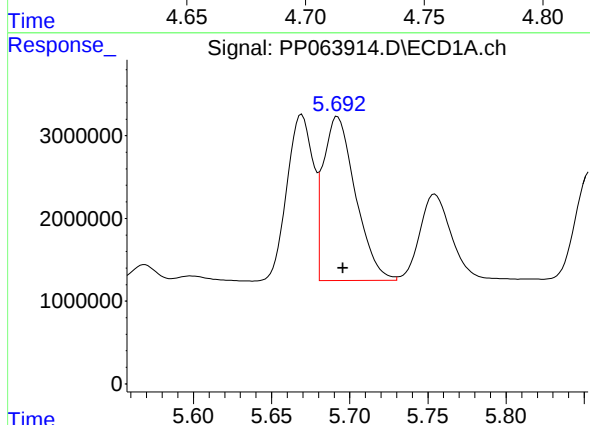
R.T.: 5.669 min  
Delta R.T.: -0.004 min  
Response: 23541791  
Conc: 282.51 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



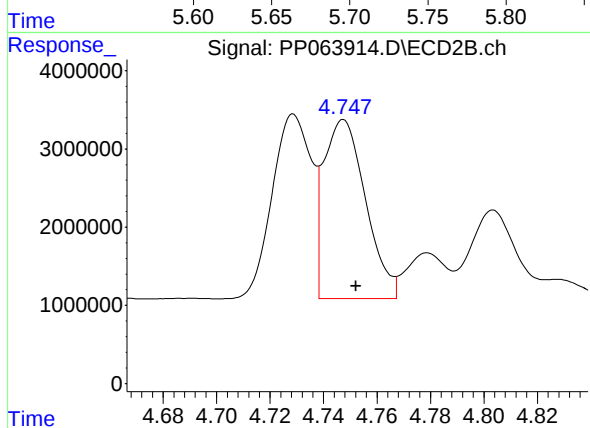
#3 AR-1016-1

R.T.: 4.729 min  
Delta R.T.: -0.004 min  
Response: 23909223  
Conc: 289.44 ng/ml



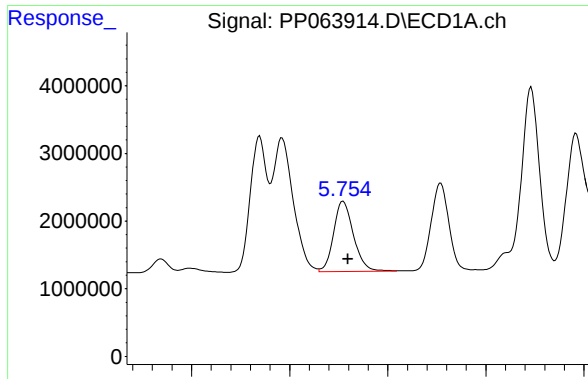
#4 AR-1016-2

R.T.: 5.692 min  
Delta R.T.: -0.003 min  
Response: 28326197  
Conc: 234.18 ng/ml



#4 AR-1016-2

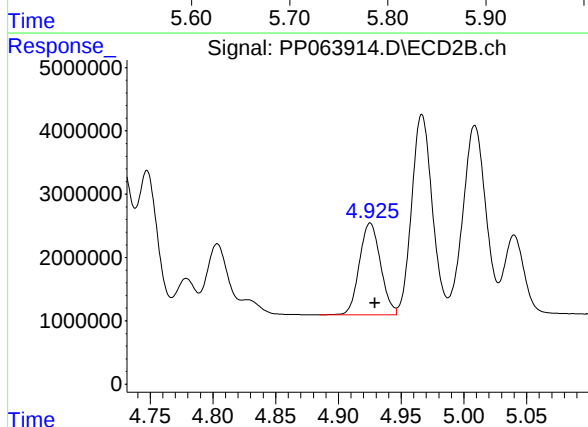
R.T.: 4.747 min  
Delta R.T.: -0.005 min  
Response: 24841355  
Conc: 214.28 ng/ml



#5 AR-1016-3

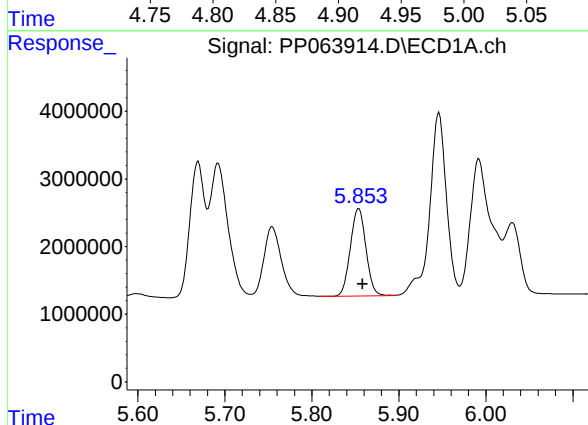
R.T.: 5.755 min  
Delta R.T.: -0.005 min  
Response: 14541056  
Conc: 182.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



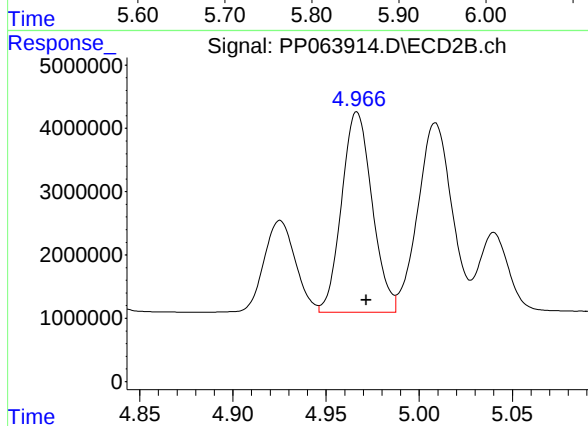
#5 AR-1016-3

R.T.: 4.925 min  
Delta R.T.: -0.004 min  
Response: 17011091  
Conc: 273.31 ng/ml



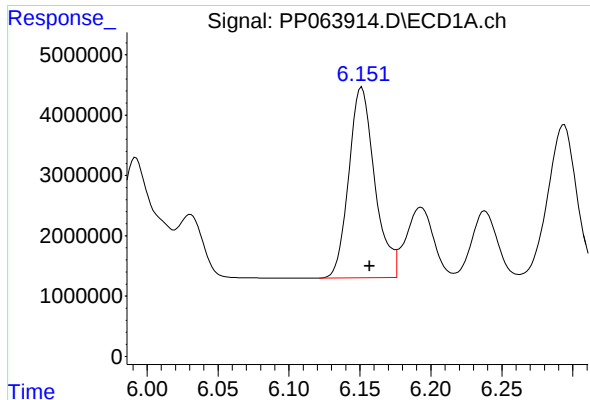
#6 AR-1016-4

R.T.: 5.854 min  
Delta R.T.: -0.005 min  
Response: 16088974  
Conc: 257.04 ng/ml



#6 AR-1016-4

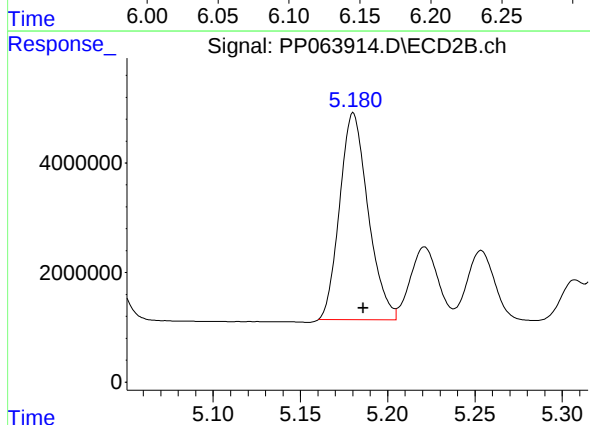
R.T.: 4.967 min  
Delta R.T.: -0.005 min  
Response: 36080640  
Conc: 658.37 ng/ml



#7 AR-1016-5

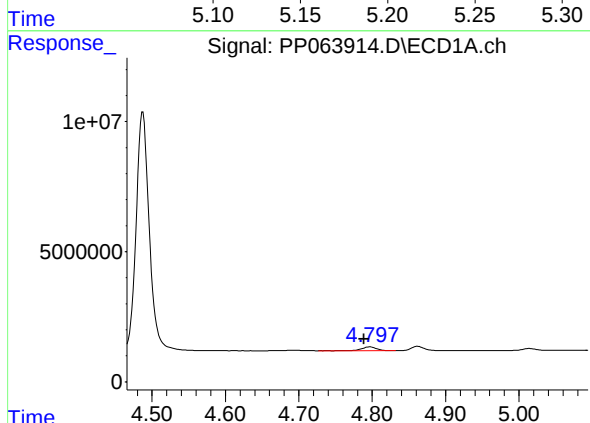
R.T.: 6.151 min  
Delta R.T.: -0.005 min  
Response: 40137071  
Conc: 622.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



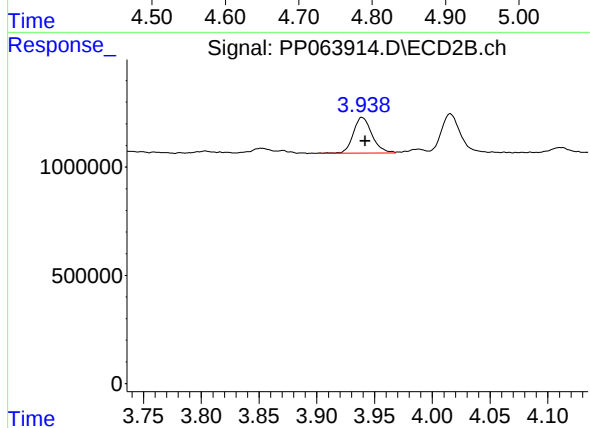
#7 AR-1016-5

R.T.: 5.180 min  
Delta R.T.: -0.006 min  
Response: 42846599  
Conc: 616.38 ng/ml



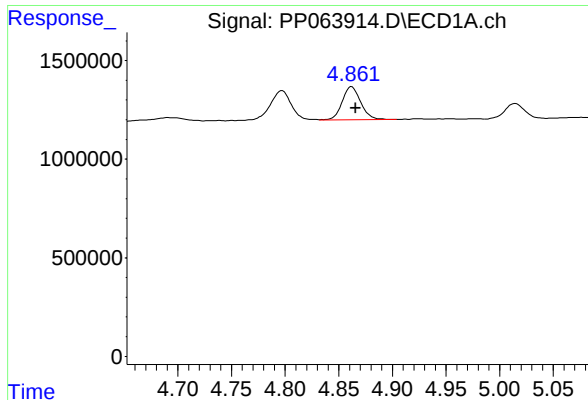
#9 AR-1221-2

R.T.: 4.797 min  
Delta R.T.: 0.008 min  
Response: 2034948  
Conc: 96.75 ng/ml



#9 AR-1221-2

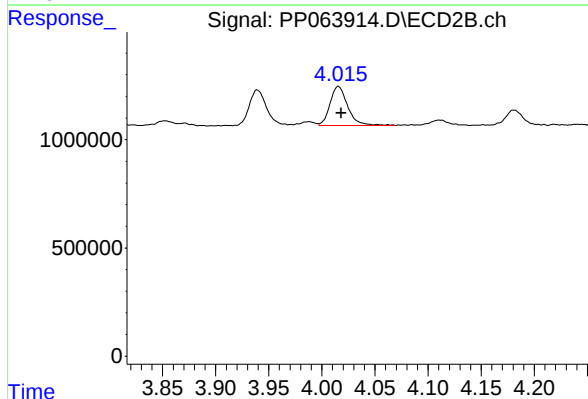
R.T.: 3.939 min  
Delta R.T.: -0.003 min  
Response: 1865613  
Conc: 91.03 ng/ml



#10 AR-1221-3

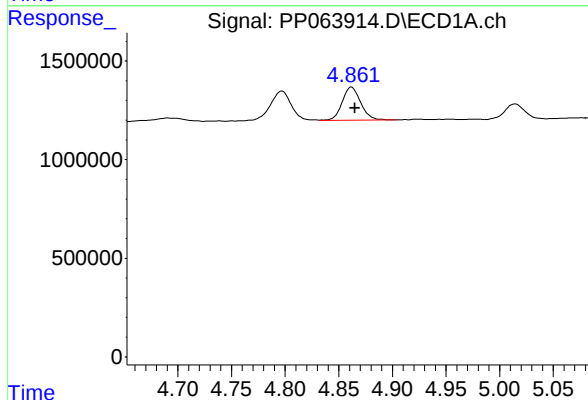
R.T.: 4.862 min  
Delta R.T.: -0.004 min  
Response: 2024183  
Conc: 33.51 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



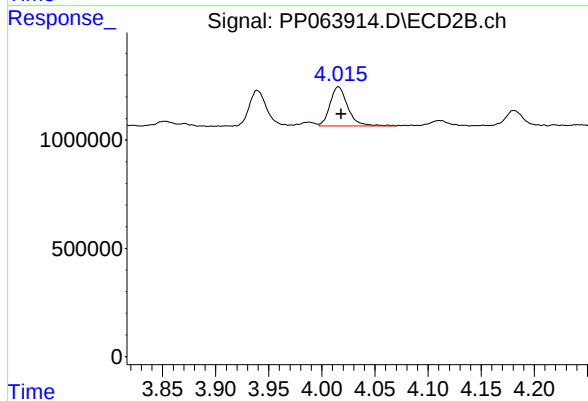
#10 AR-1221-3

R.T.: 4.016 min  
Delta R.T.: -0.003 min  
Response: 2104829  
Conc: 33.87 ng/ml



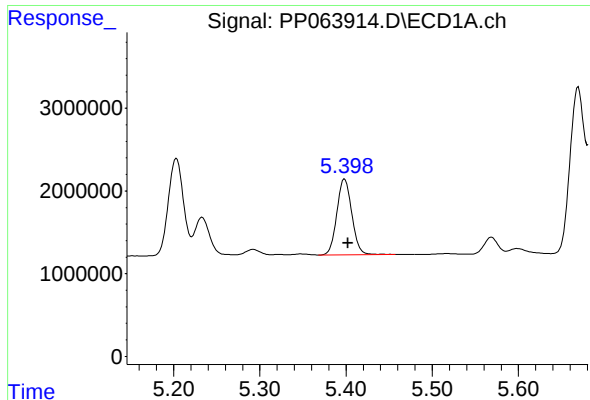
#11 AR-1232-1

R.T.: 4.862 min  
Delta R.T.: -0.003 min  
Response: 2024183  
Conc: 37.41 ng/ml



#11 AR-1232-1

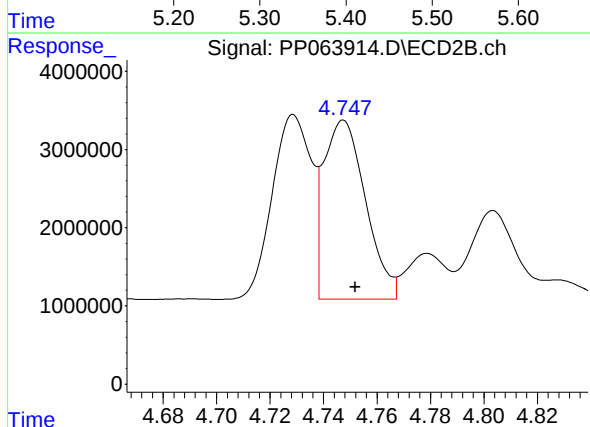
R.T.: 4.016 min  
Delta R.T.: -0.003 min  
Response: 2104829  
Conc: 38.18 ng/ml



#12 AR-1232-2

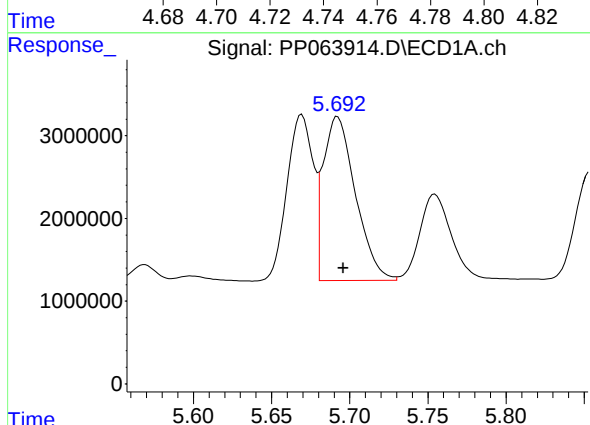
R.T.: 5.398 min  
Delta R.T.: -0.004 min  
Response: 10987936  
Conc: 351.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



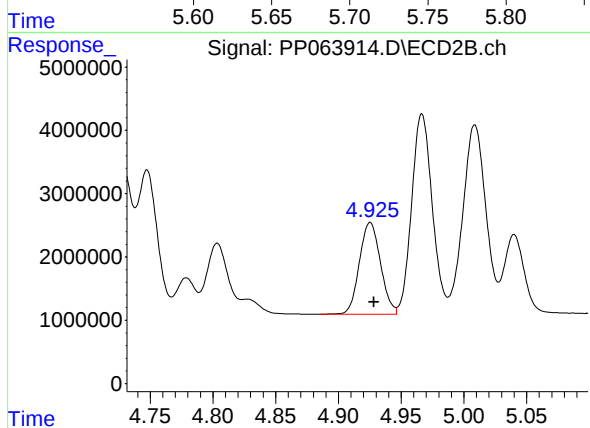
#12 AR-1232-2

R.T.: 4.747 min  
Delta R.T.: -0.004 min  
Response: 24841355  
Conc: 483.14 ng/ml



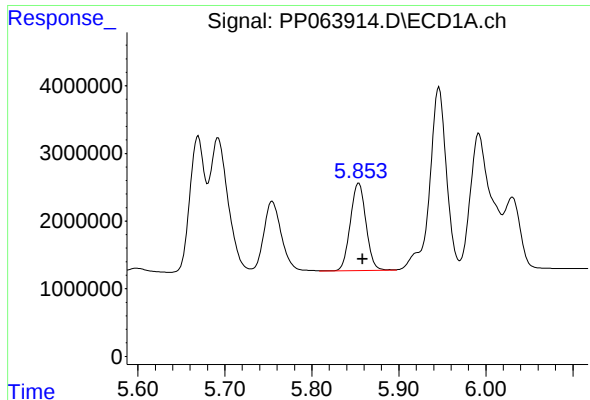
#13 AR-1232-3

R.T.: 5.692 min  
Delta R.T.: -0.004 min  
Response: 28326197  
Conc: 523.76 ng/ml



#13 AR-1232-3

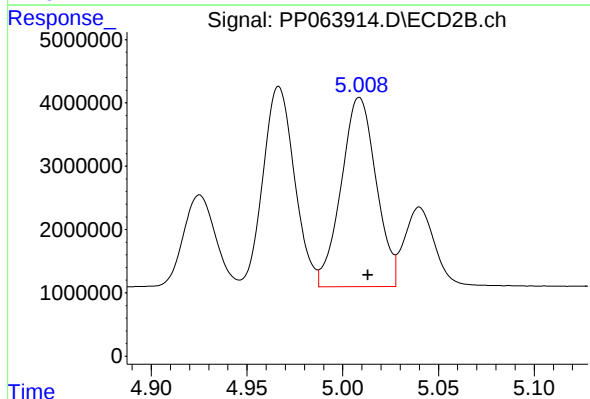
R.T.: 4.925 min  
Delta R.T.: -0.003 min  
Response: 17011091  
Conc: 613.33 ng/ml



#14 AR-1232-4

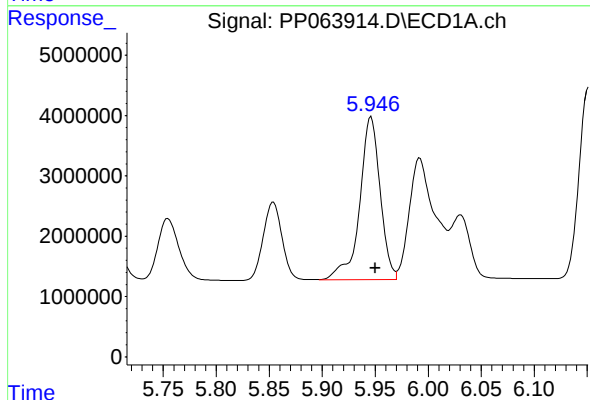
R.T.: 5.854 min  
Delta R.T.: -0.005 min  
Response: 16088974  
Conc: 578.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



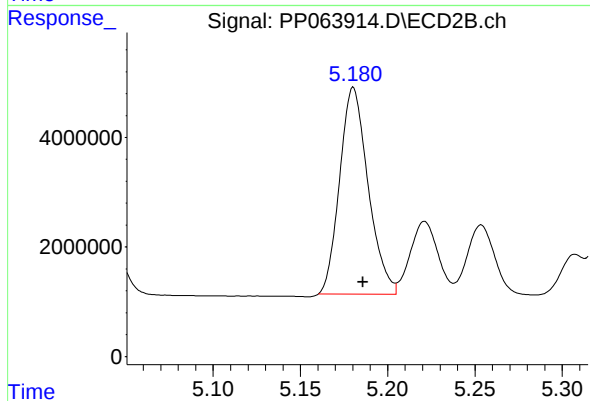
#14 AR-1232-4

R.T.: 5.009 min  
Delta R.T.: -0.005 min  
Response: 37904917  
Conc: 1381.71 ng/ml



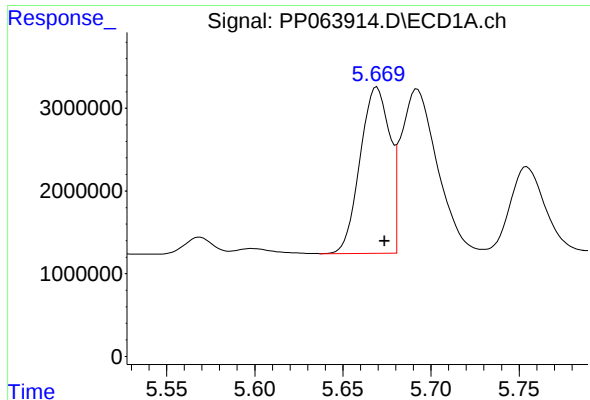
#15 AR-1232-5

R.T.: 5.946 min  
Delta R.T.: -0.004 min  
Response: 36206083  
Conc: 1550.43 ng/ml



#15 AR-1232-5

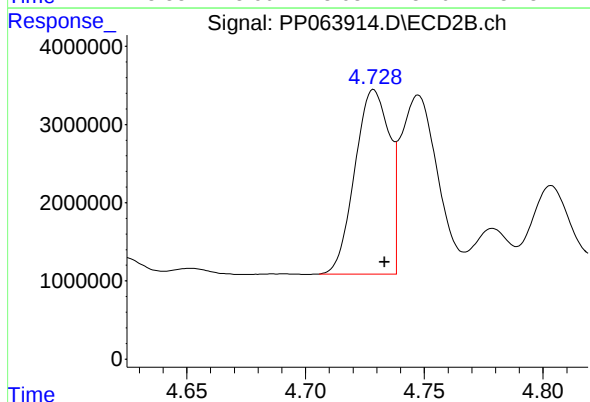
R.T.: 5.180 min  
Delta R.T.: -0.005 min  
Response: 42846599  
Conc: 1452.09 ng/ml



#16 AR-1242-1

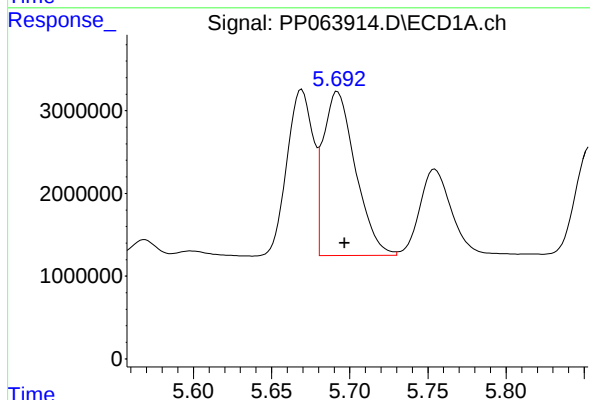
R.T.: 5.669 min  
Delta R.T.: -0.004 min  
Response: 23541791  
Conc: 390.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



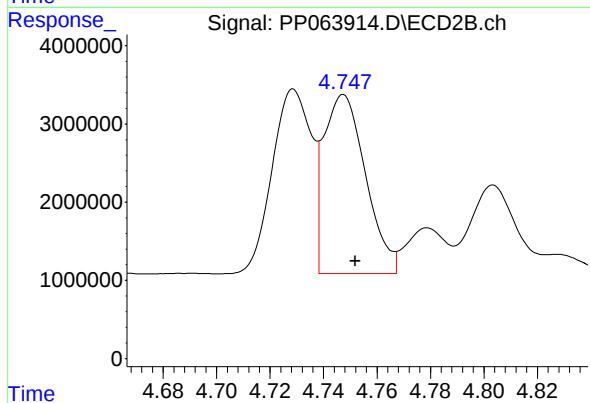
#16 AR-1242-1

R.T.: 4.729 min  
Delta R.T.: -0.005 min  
Response: 23909223  
Conc: 405.59 ng/ml



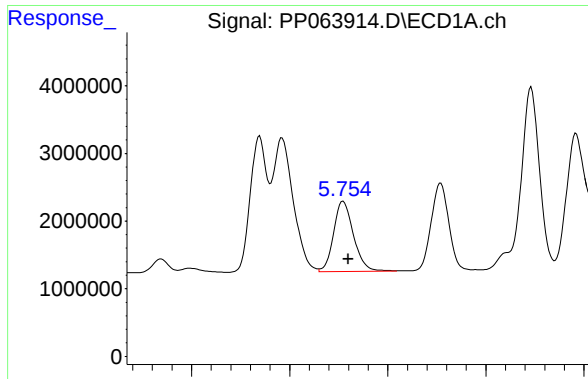
#17 AR-1242-2

R.T.: 5.692 min  
Delta R.T.: -0.004 min  
Response: 28326197  
Conc: 329.87 ng/ml



#17 AR-1242-2

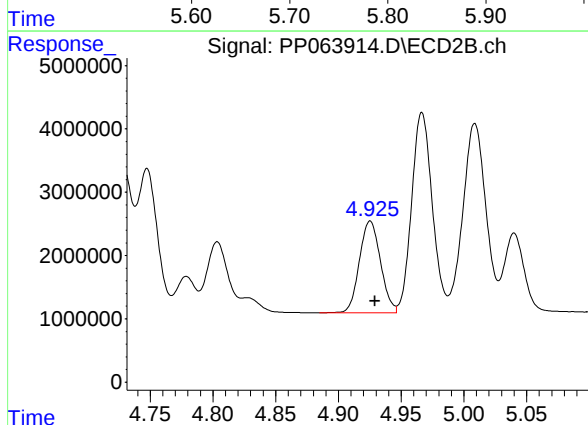
R.T.: 4.747 min  
Delta R.T.: -0.004 min  
Response: 24841355  
Conc: 303.55 ng/ml



#18 AR-1242-3

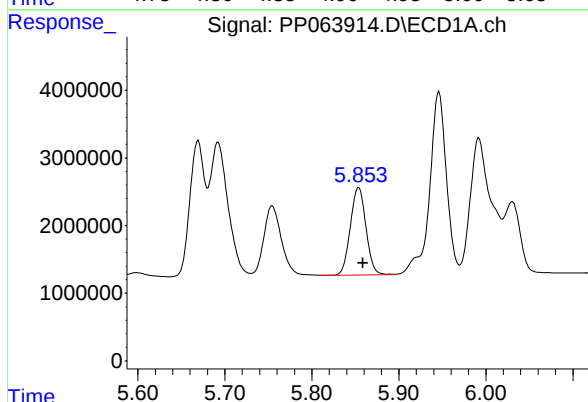
R.T.: 5.755 min  
Delta R.T.: -0.005 min  
Response: 14541056  
Conc: 258.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



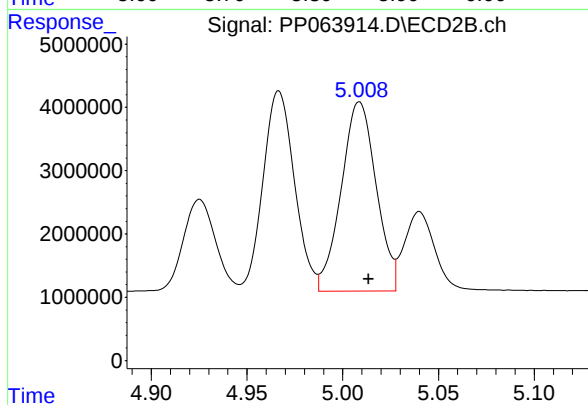
#18 AR-1242-3

R.T.: 4.925 min  
Delta R.T.: -0.004 min  
Response: 17011091  
Conc: 379.02 ng/ml



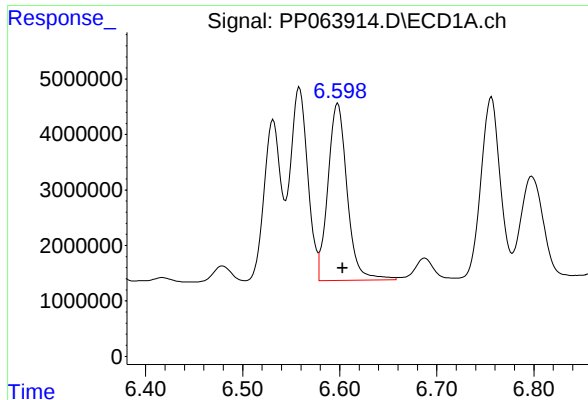
#19 AR-1242-4

R.T.: 5.854 min  
Delta R.T.: -0.005 min  
Response: 16088974  
Conc: 357.57 ng/ml



#19 AR-1242-4

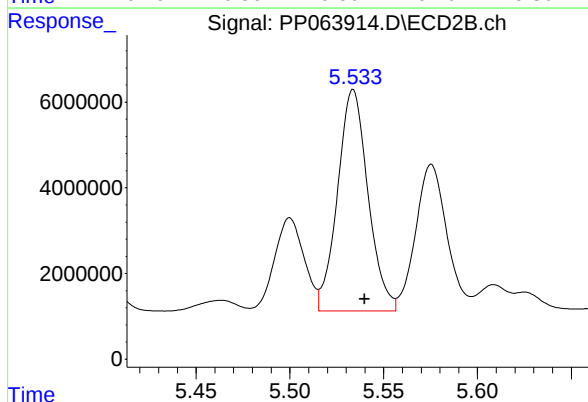
R.T.: 5.009 min  
Delta R.T.: -0.005 min  
Response: 37904917  
Conc: 763.69 ng/ml



#20 AR-1242-5

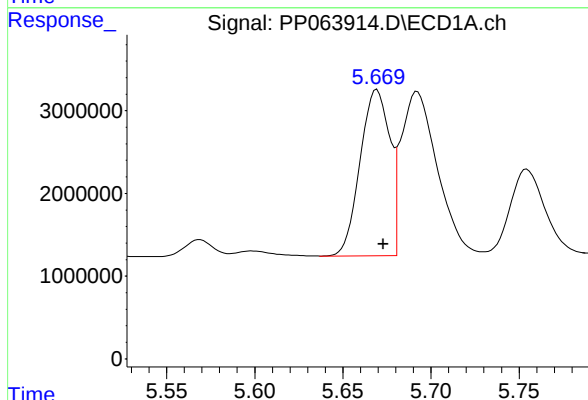
R.T.: 6.598 min  
Delta R.T.: -0.005 min  
Response: 43900147  
Conc: 980.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



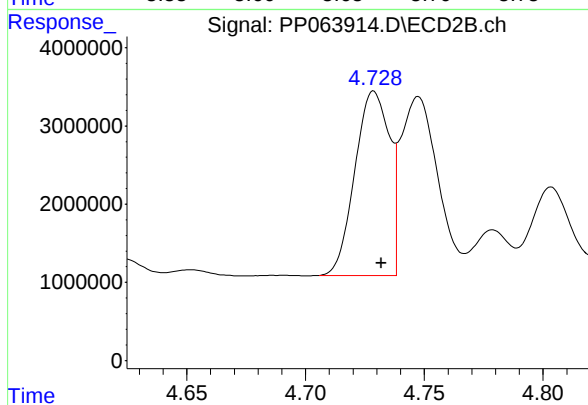
#20 AR-1242-5

R.T.: 5.534 min  
Delta R.T.: -0.006 min  
Response: 58416391  
Conc: 1000.99 ng/ml



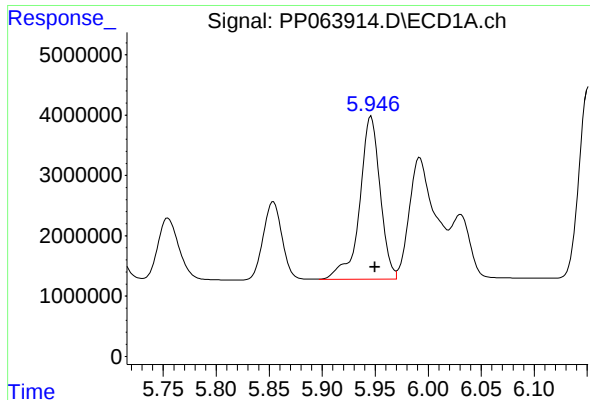
#21 AR-1248-1

R.T.: 5.669 min  
Delta R.T.: -0.004 min  
Response: 23541791  
Conc: 503.91 ng/ml



#21 AR-1248-1

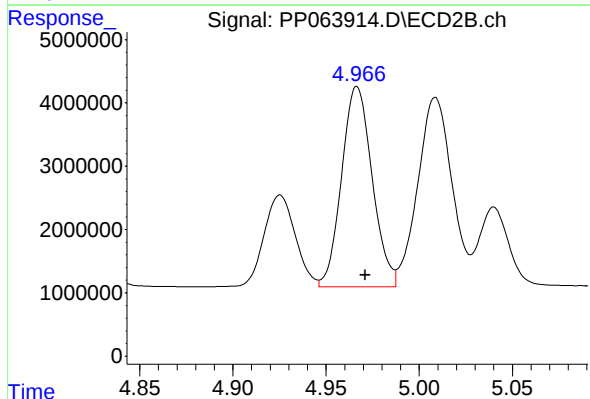
R.T.: 4.729 min  
Delta R.T.: -0.003 min  
Response: 23909223  
Conc: 536.78 ng/ml



#22 AR-1248-2

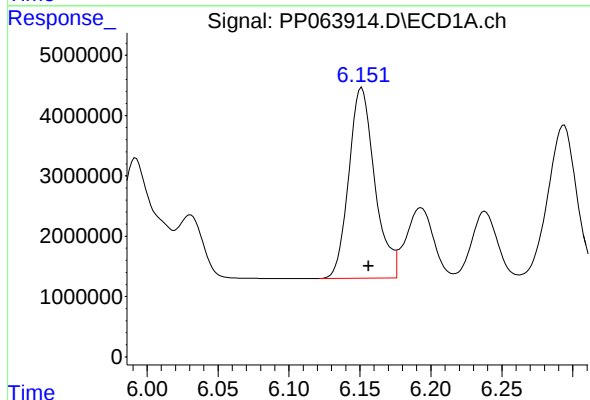
R.T.: 5.946 min  
Delta R.T.: -0.004 min  
Response: 36206083  
Conc: 498.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



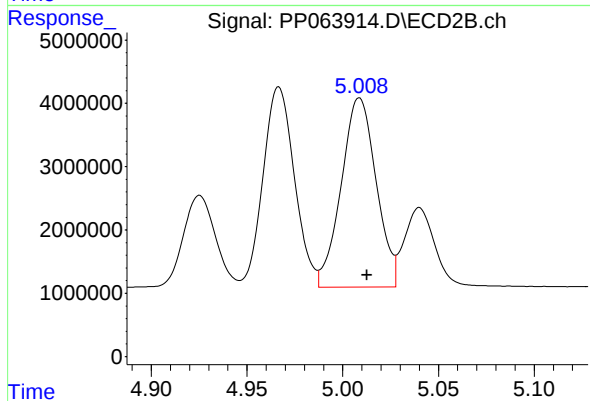
#22 AR-1248-2

R.T.: 4.967 min  
Delta R.T.: -0.004 min  
Response: 36080640  
Conc: 508.37 ng/ml



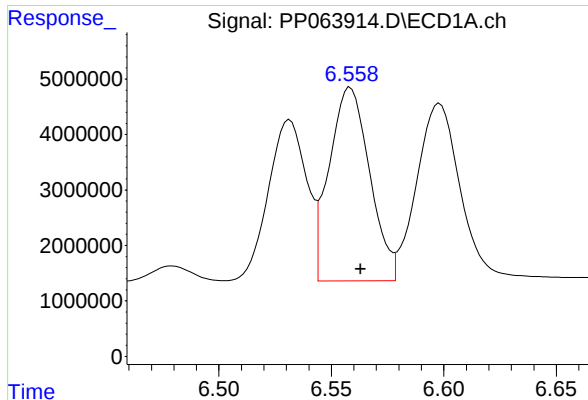
#23 AR-1248-3

R.T.: 6.151 min  
Delta R.T.: -0.005 min  
Response: 40137071  
Conc: 497.09 ng/ml



#23 AR-1248-3

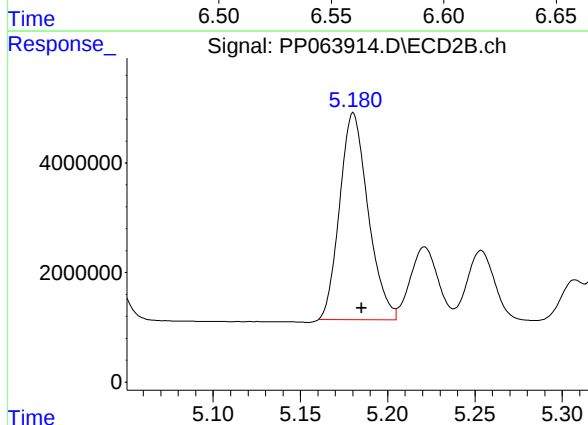
R.T.: 5.009 min  
Delta R.T.: -0.004 min  
Response: 37904917  
Conc: 512.23 ng/ml



#24 AR-1248-4

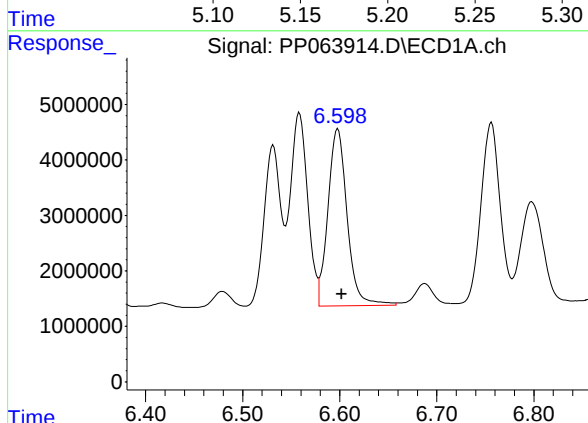
R.T.: 6.558 min  
Delta R.T.: -0.005 min  
Response: 43626564  
Conc: 533.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



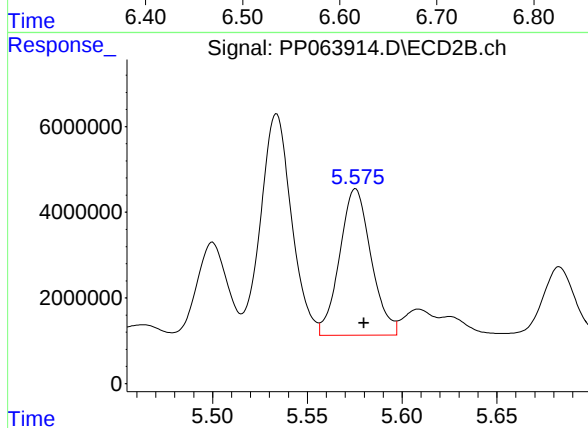
#24 AR-1248-4

R.T.: 5.180 min  
Delta R.T.: -0.005 min  
Response: 42846599  
Conc: 494.81 ng/ml



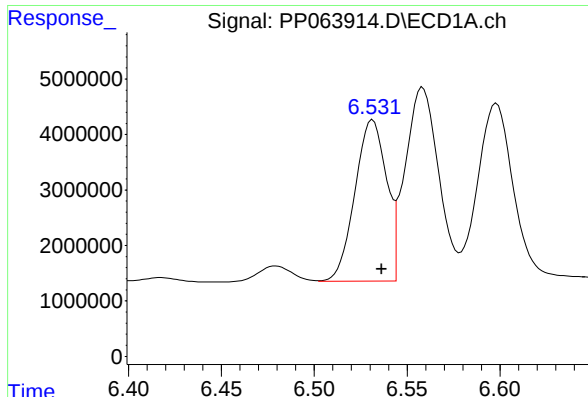
#25 AR-1248-5

R.T.: 6.598 min  
Delta R.T.: -0.004 min  
Response: 43900147  
Conc: 538.28 ng/ml



#25 AR-1248-5

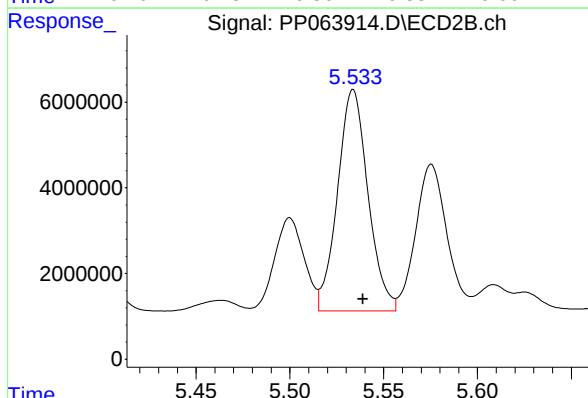
R.T.: 5.575 min  
Delta R.T.: -0.004 min  
Response: 39613231  
Conc: 527.63 ng/ml



#26 AR-1254-1

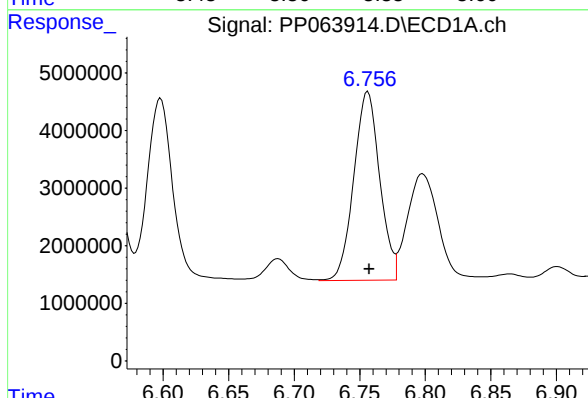
R.T.: 6.531 min  
Delta R.T.: -0.005 min  
Response: 34439079  
Conc: 378.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



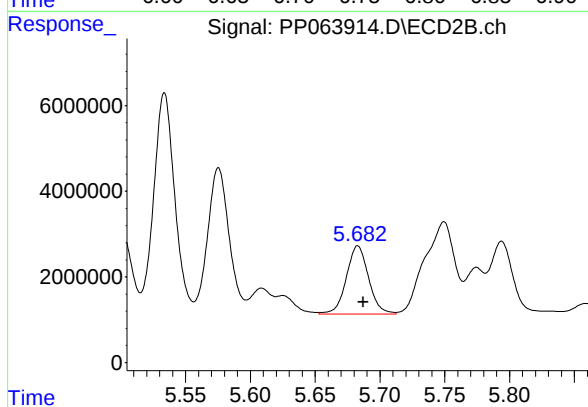
#26 AR-1254-1

R.T.: 5.534 min  
Delta R.T.: -0.005 min  
Response: 58416391  
Conc: 472.73 ng/ml



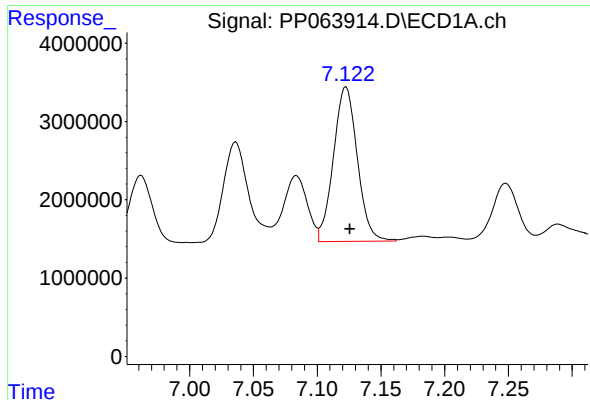
#27 AR-1254-2

R.T.: 6.756 min  
Delta R.T.: -0.001 min  
Response: 45084674  
Conc: 328.87 ng/ml



#27 AR-1254-2

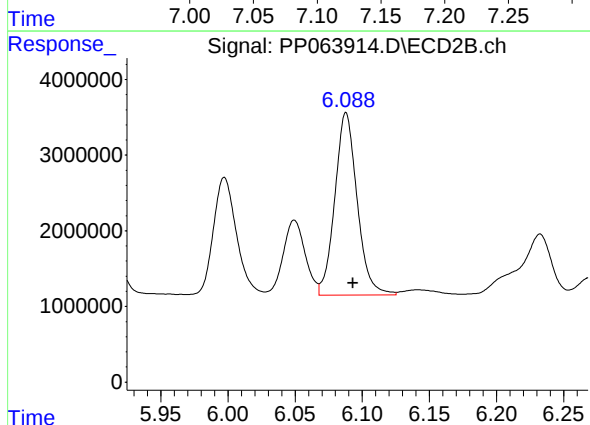
R.T.: 5.683 min  
Delta R.T.: -0.004 min  
Response: 19009889  
Conc: 165.62 ng/ml



#28 AR-1254-3

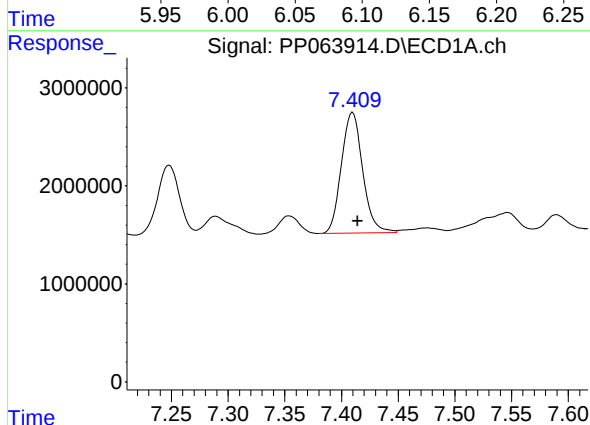
R.T.: 7.123 min  
Delta R.T.: -0.003 min  
Response: 25755840  
Conc: 184.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



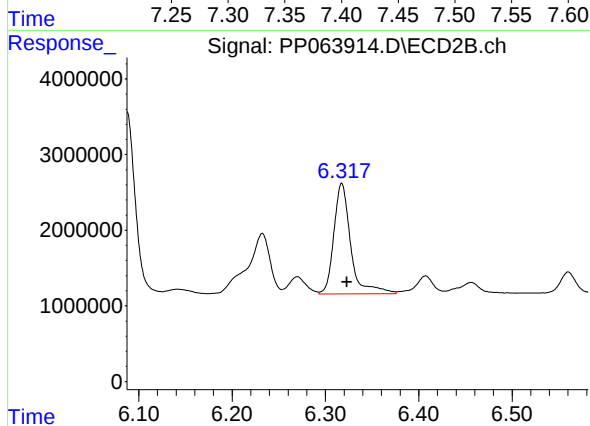
#28 AR-1254-3

R.T.: 6.088 min  
Delta R.T.: -0.005 min  
Response: 27903590  
Conc: 155.07 ng/ml



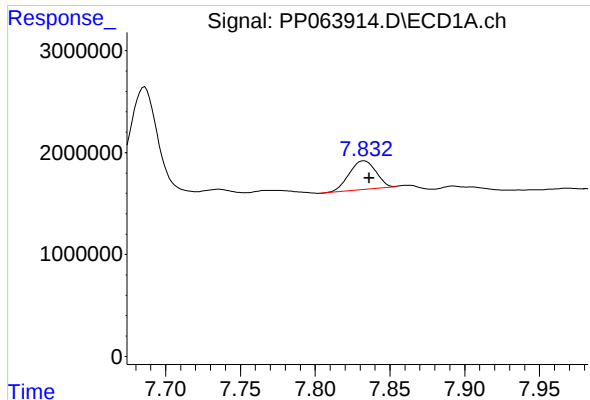
#29 AR-1254-4

R.T.: 7.410 min  
Delta R.T.: -0.004 min  
Response: 16068959  
Conc: 176.37 ng/ml



#29 AR-1254-4

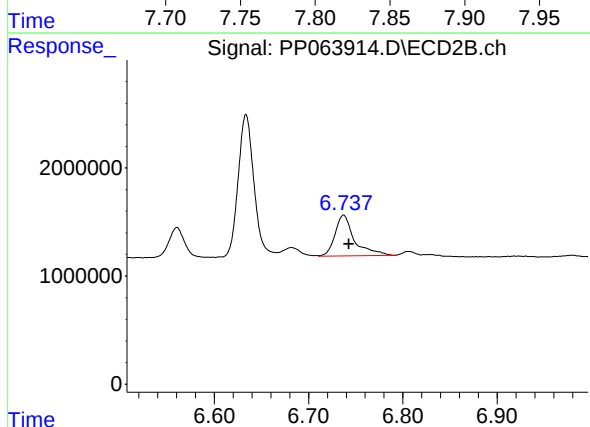
R.T.: 6.318 min  
Delta R.T.: -0.005 min  
Response: 18324226  
Conc: 198.85 ng/ml



#30 AR-1254-5

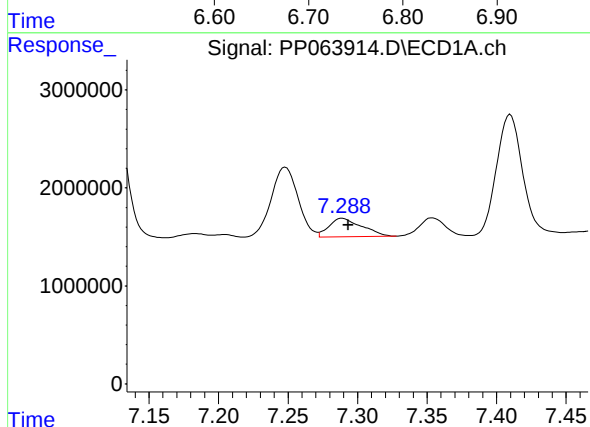
R.T.: 7.833 min  
Delta R.T.: -0.004 min  
Response: 3461060  
Conc: 29.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



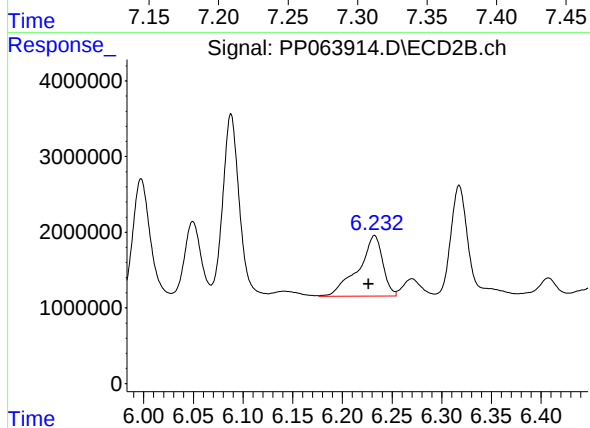
#30 AR-1254-5

R.T.: 6.737 min  
Delta R.T.: -0.006 min  
Response: 5430949  
Conc: 32.54 ng/ml



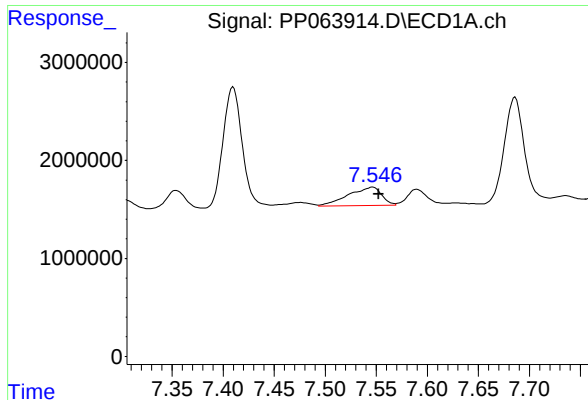
#31 AR-1260-1

R.T.: 7.289 min  
Delta R.T.: -0.004 min  
Response: 3143568  
Conc: 24.89 ng/ml



#31 AR-1260-1

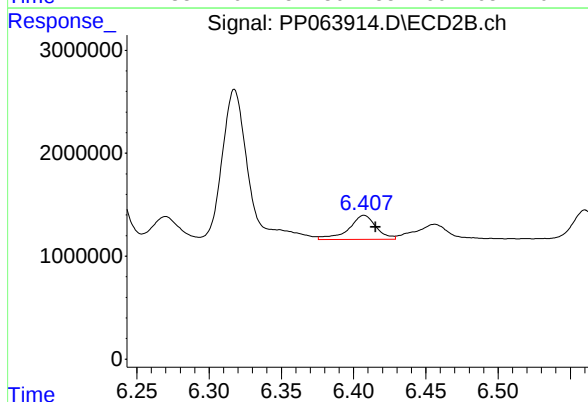
R.T.: 6.232 min  
Delta R.T.: 0.006 min  
Response: 13690314  
Conc: 95.80 ng/ml



#32 AR-1260-2

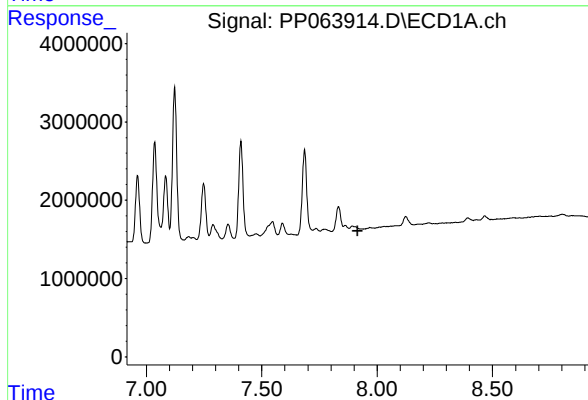
R.T.: 7.546 min  
Delta R.T.: -0.006 min  
Response: 4267315  
Conc: 29.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



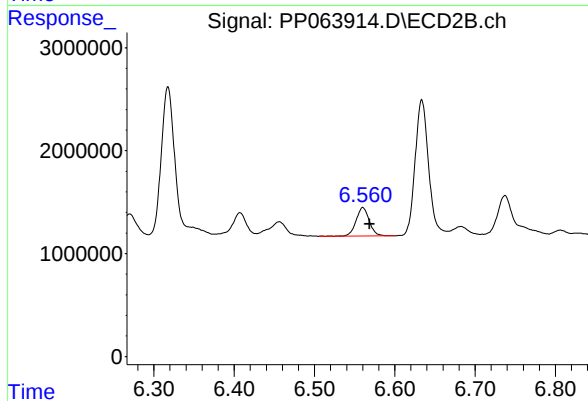
#32 AR-1260-2

R.T.: 6.407 min  
Delta R.T.: -0.008 min  
Response: 3070974  
Conc: 18.17 ng/ml



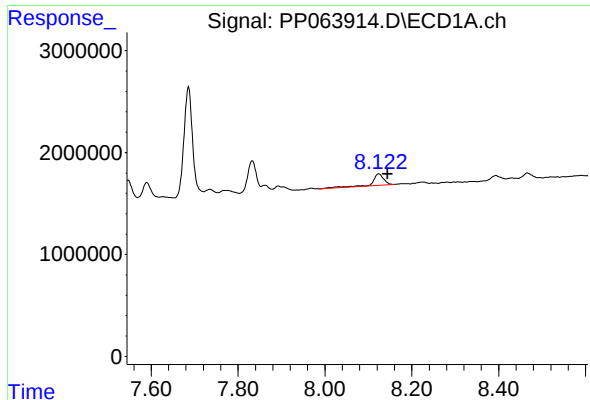
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.915 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

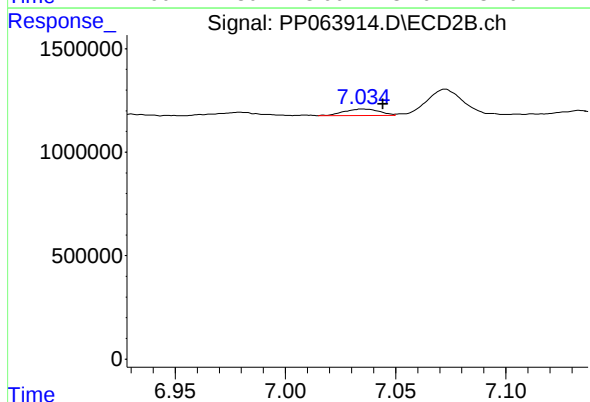
R.T.: 6.560 min  
Delta R.T.: -0.009 min  
Response: 3202736  
Conc: 19.93 ng/ml



#34 AR-1260-4

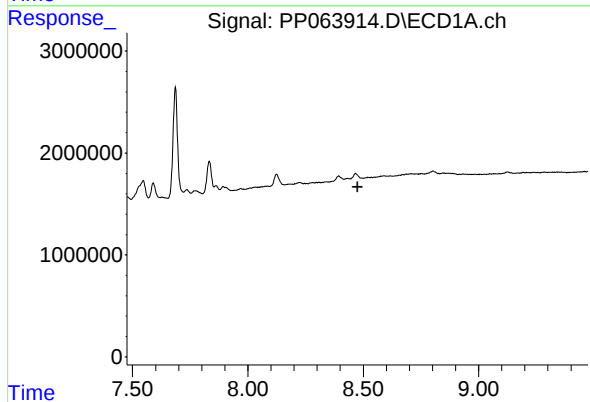
R.T.: 8.124 min  
Delta R.T.: -0.020 min  
Response: 2013119  
Conc: 16.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



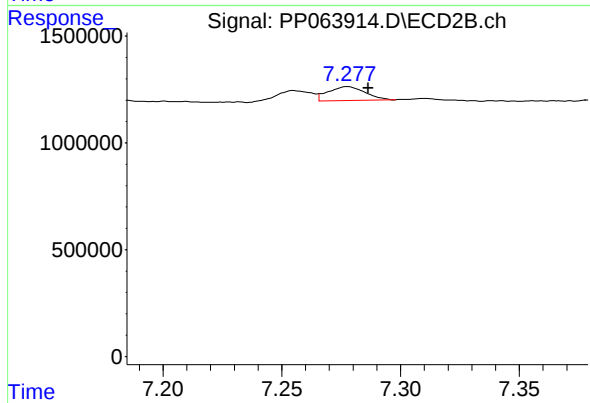
#34 AR-1260-4

R.T.: 7.035 min  
Delta R.T.: -0.009 min  
Response: 352358  
Conc: 2.89 ng/ml



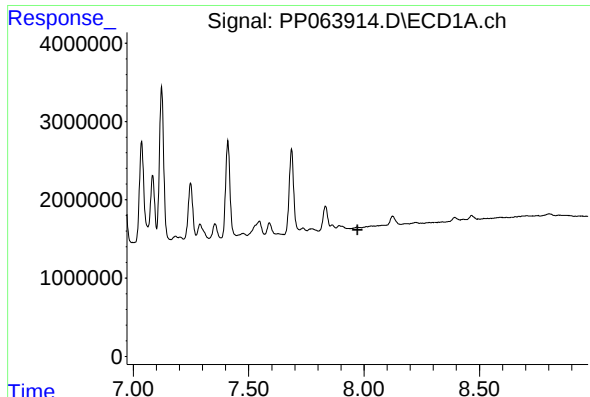
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.474 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

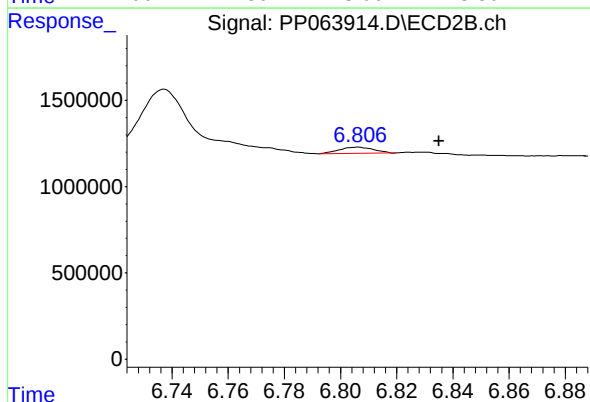
R.T.: 7.278 min  
Delta R.T.: -0.009 min  
Response: 700852  
Conc: 2.63 ng/ml



#36 AR-1262-1

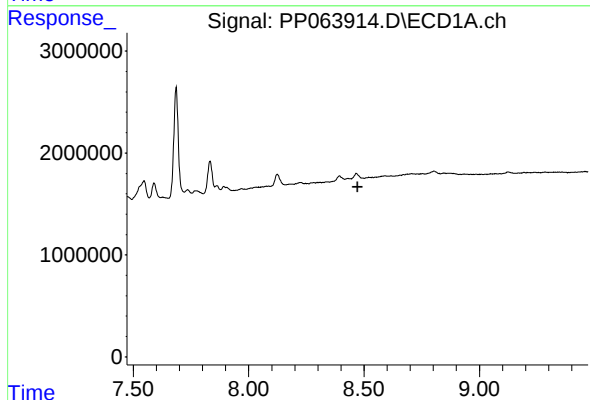
R.T.: 0.000 min  
Exp R.T.: 7.972 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



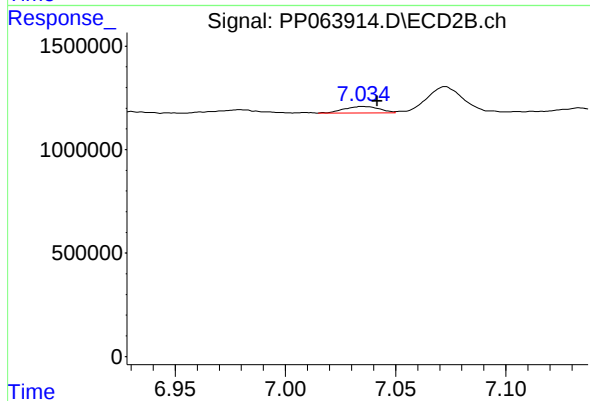
#36 AR-1262-1

R.T.: 6.806 min  
Delta R.T.: -0.029 min  
Response: 303360  
Conc: 4.49 ng/ml



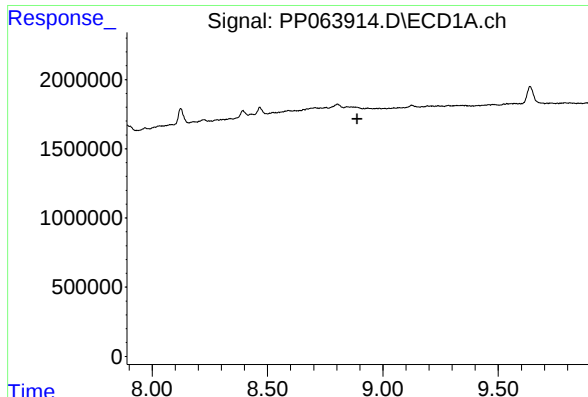
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.472 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

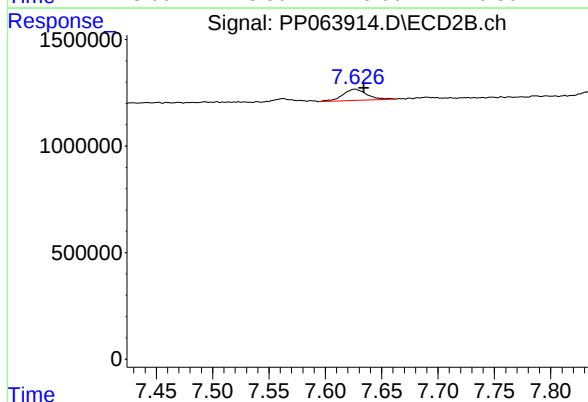
R.T.: 7.035 min  
Delta R.T.: -0.007 min  
Response: 352358  
Conc: 2.20 ng/ml



#39 AR-1262-4

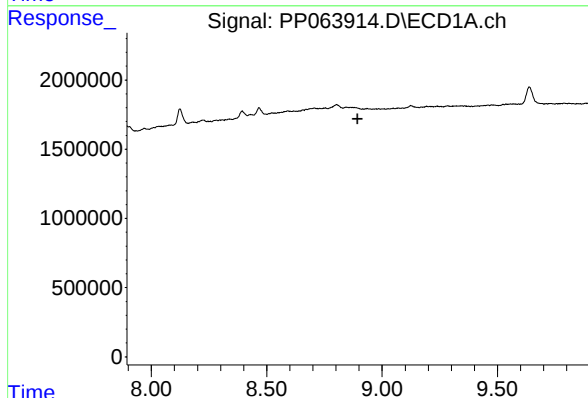
R.T.: 0.000 min  
Exp R.T.: 8.889 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



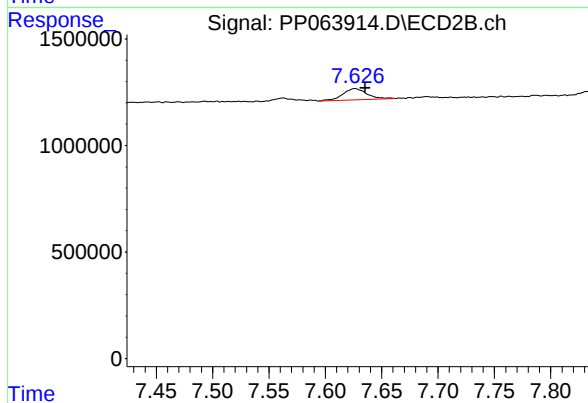
#39 AR-1262-4

R.T.: 7.626 min  
Delta R.T.: -0.008 min  
Response: 783168  
Conc: 3.66 ng/ml



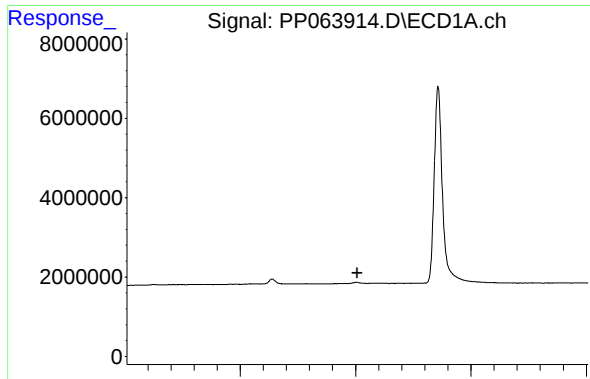
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.893 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

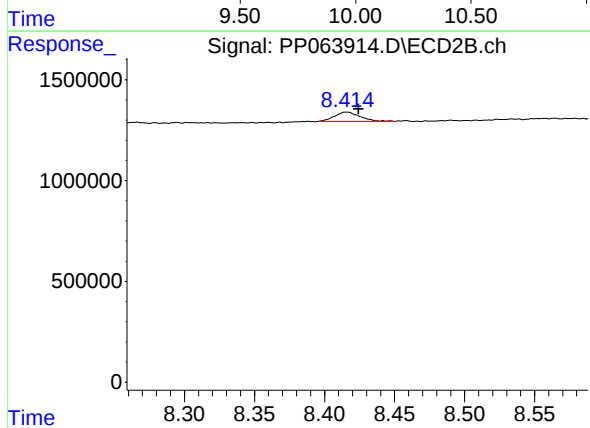
R.T.: 7.626 min  
Delta R.T.: -0.009 min  
Response: 783168  
Conc: 2.28 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.008 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.416 min  
Delta R.T.: -0.009 min  
Response: 587728  
Conc: 0.71 ng/ml