

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR081018\  
 Data File : PR031303.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Aug 2018 08:50  
 Operator : SM\SJ  
 Sample : HEXANE  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 08 11:01:38 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR080818.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 08 06:48:33 2018  
 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 |        |       |          |           |          |           |
| Target Compounds            |        |       |          |           |          |           |
| 5) L1 AR-1016-3             | 0.000  | 4.819 | 0        | 13104539  | N.D.     | 4.437 #   |
| 6) L1 AR-1016-4             | 0.000  | 4.819 | 0        | 13104539  | N.D.     | 7.668 #   |
| 7) L1 AR-1016-5             | 6.347  | 4.962 | 218.2E6  | 67660915  | 307.885  | 58.748 #  |
| 12) L3 AR-1232-2            | 0.000  | 4.819 | 0        | 13104539  | N.D.     | 10.113 #  |
| 13) L3 AR-1232-3            | 0.000  | 4.819 | 0        | 13104539  | N.D.     | 16.945 #  |
| 14) L3 AR-1232-4            | 0.000  | 4.962 | 0        | 67660915  | N.D.     | 122.014 # |
| 15) L3 AR-1232-5            | 6.205  | 5.317 | 305.9E6  | 103.7E6   | 1137.120 | 150.682 # |
| 16) L4 AR-1242-1            | 0.000  | 4.486 | 0        | 10416663  | N.D.     | 11.384 #  |
| 17) L4 AR-1242-2            | 0.000  | 4.819 | 0        | 13104539  | N.D.     | 5.853 #   |
| 18) L4 AR-1242-3            | 0.000  | 4.903 | 0        | 76802417  | N.D.     | 71.618 #  |
| 19) L4 AR-1242-4            | 6.205  | 4.962 | 305.9E6  | 67660915  | 588.569  | 77.244 #  |
| 20) L4 AR-1242-5            | 6.347  | 5.152 | 218.2E6  | 173.6E6   | 371.009  | 134.909 # |
| 21) L5 AR-1248-1            | 6.205  | 4.962 | 305.9E6  | 67660915  | 328.782  | 40.933 #  |
| 22) L5 AR-1248-2            | 6.347  | 4.962 | 218.2E6  | 67660915  | 275.067  | 39.687 #  |
| 23) L5 AR-1248-3            | 6.580  | 5.152 | 479.5E6  | 173.6E6   | 415.033  | 82.644 #  |
| 24) L5 AR-1248-4            | 6.650  | 5.516 | 55966728 | 279.9E6   | 51.081   | 86.211 #  |
| 25) L5 AR-1248-5            | 6.801  | 5.540 | 143.6E6  | 475.6E6   | 132.626  | 188.282 # |
| 26) L6 AR-1254-1            | 5.999  | 4.962 | 376.1E6  | 67660915  | 634.957  | 54.386 #  |
| 27) L6 AR-1254-2            | 6.801  | 5.660 | 143.6E6  | 508.5E6   | 78.100   | 156.943 # |
| 28) L6 AR-1254-3            | 7.126  | 6.058 | 91262082 | 376.3E6   | 45.206   | 72.921 #  |
| 29) L6 AR-1254-4            | 7.450  | 6.283 | 319.2E6  | 309.0E6   | 183.526  | 81.621 #  |
| 30) L6 AR-1254-5            | 7.870  | 6.689 | 299.5E6  | 386.9E6   | 172.587  | 106.766 # |
| 31) L7 AR-1260-1            | 7.329  | 6.182 | 145.1E6  | 193.6E6   | 104.383  | 59.493 #  |
| 32) L7 AR-1260-2            | 7.582  | 6.370 | 146.7E6  | 294.6E6   | 73.499   | 74.800    |
| 33) L7 AR-1260-3            | 7.870  | 6.727 | 299.5E6  | 59529623  | 145.657  | 20.316 #  |
| 34) L7 AR-1260-4            | 8.495  | 7.221 | 70022595 | 35806216  | 18.580   | 8.930 #   |
| 35) L7 AR-1260-5            | 8.832  | 7.563 | 159.9E6  | 250.8E6   | 68.193   | 106.434 # |
| 36) L8 AR-1262-1            | 7.291  | 6.182 | 152.5E6  | 193.6E6   | 120.014  | 68.959 #  |
| 37) L8 AR-1262-2            | 7.582  | 6.370 | 146.7E6  | 294.6E6   | 84.741   | 88.875    |
| 38) L8 AR-1262-3            | 7.935  | 6.727 | 73144237 | 59529623  | 28.897   | 14.543 #  |
| 39) L8 AR-1262-4            | 8.161  | 6.982 | 166.1E6  | 152.6E6   | 81.430   | 57.307 #  |
| 40) L8 AR-1262-5            | 8.495  | 7.221 | 70022595 | 35806216  | 15.259   | 8.046 #   |
| 41) L9 AR-1268-1            | 8.832  | 7.563 | 159.9E6  | 250.8E6   | 32.579   | 68.627 #  |
| 42) L9 AR-1268-2            | 8.832  | 7.563 | 159.9E6  | 250.8E6   | 37.456   | 80.172 #  |
| 43) L9 AR-1268-3            | 0.000  | 7.782 | 0        | 146.1E6   | N.D.     | 59.089 #  |
| 44) L9 AR-1268-4            | 9.572  | 8.072 | 45423625 | -24914125 | 27.439   | N.D. #    |
| 45) L9 AR-1268-5            | 10.024 | 0.000 | 106.2E6  | 0         | 9.660    | N.D. #    |
| -----                       |        |       |          |           |          |           |

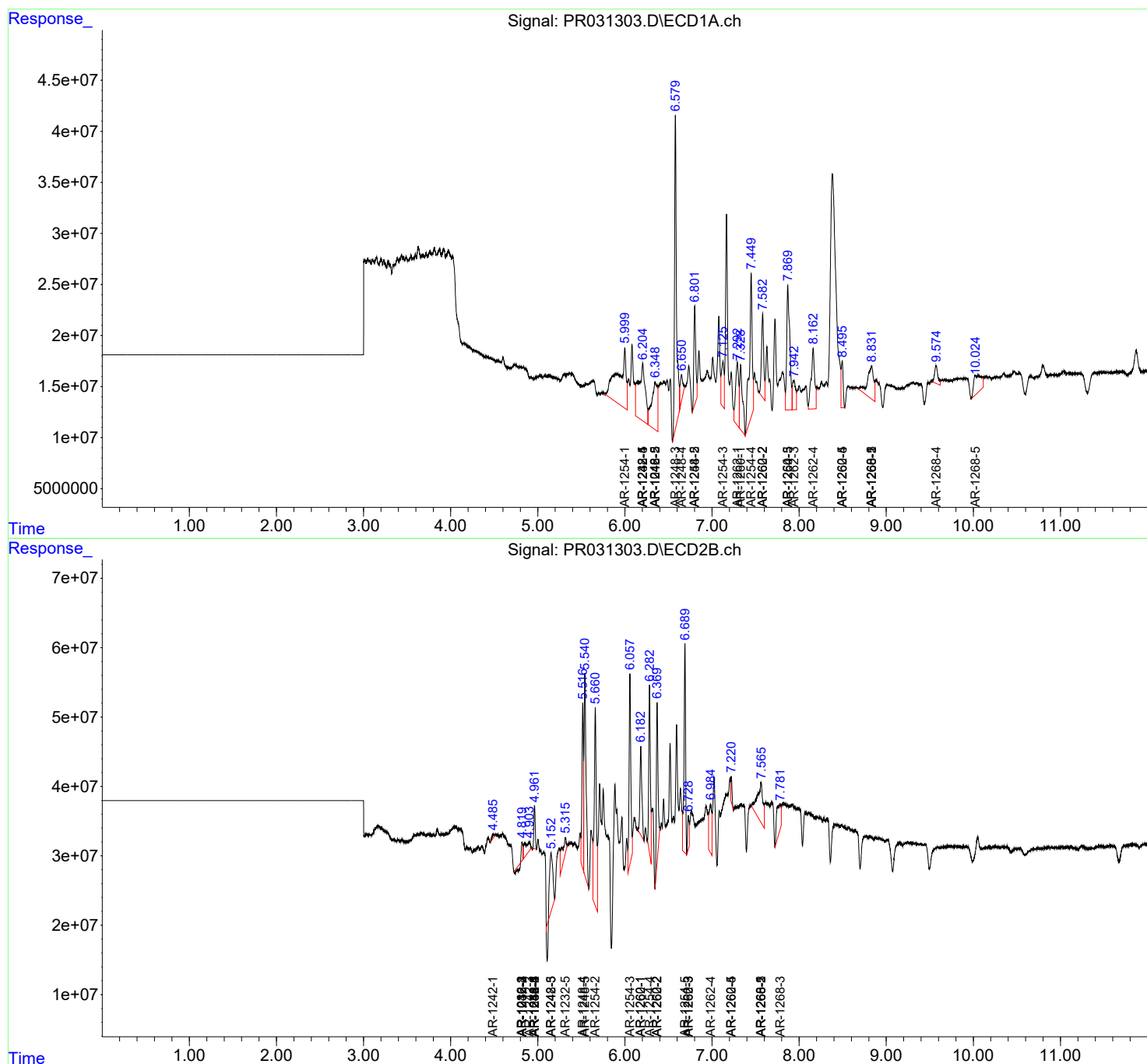
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

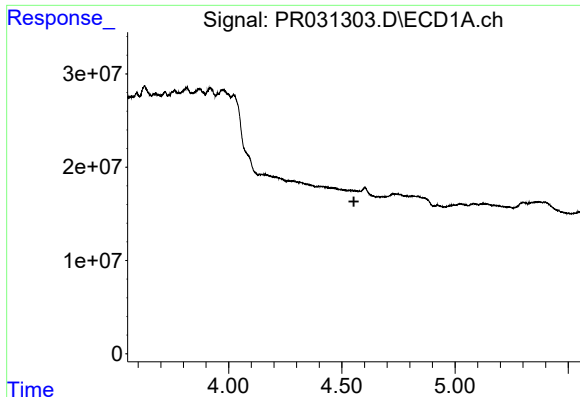
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR081018\  
Data File : PR031303.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Aug 2018 08:50  
Operator : SM\SJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 08 11:01:38 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR080818.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 08 06:48:33 2018  
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

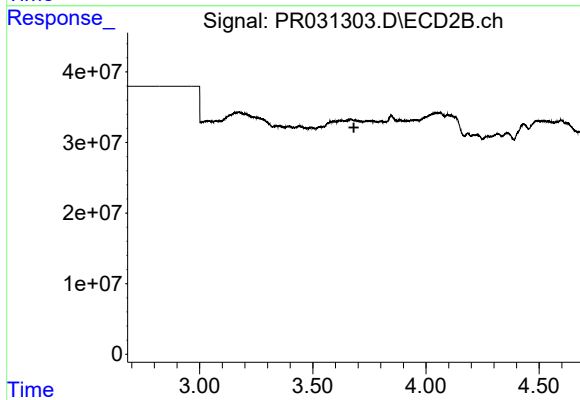




#1 Tetrachloro-m-xylene

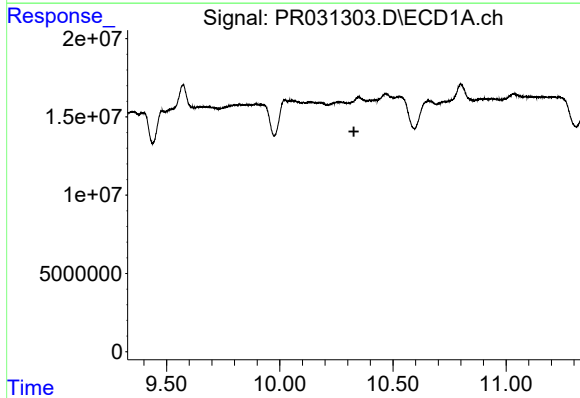
R.T.: 0.000 min  
Exp R.T. : 4.553 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



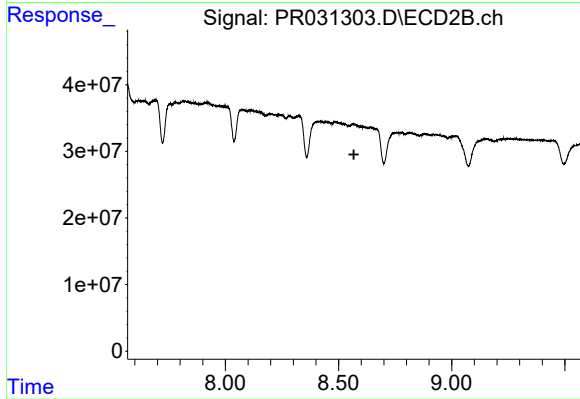
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 3.682 min  
Response: 0  
Conc: N.D.



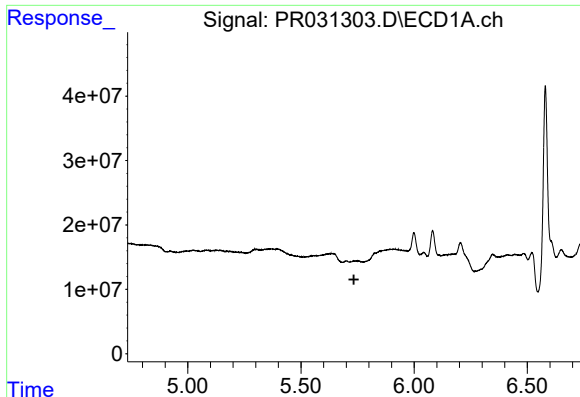
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 10.328 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

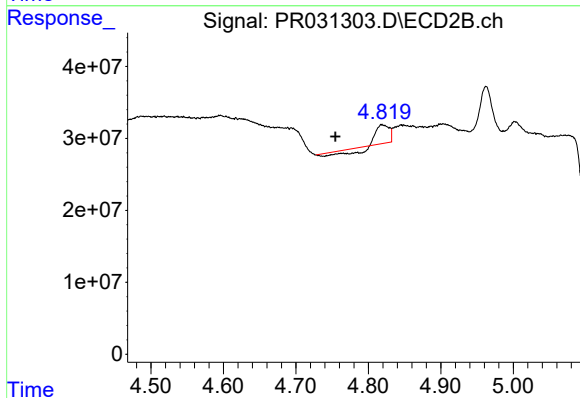
R.T.: 0.000 min  
Exp R.T. : 8.568 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

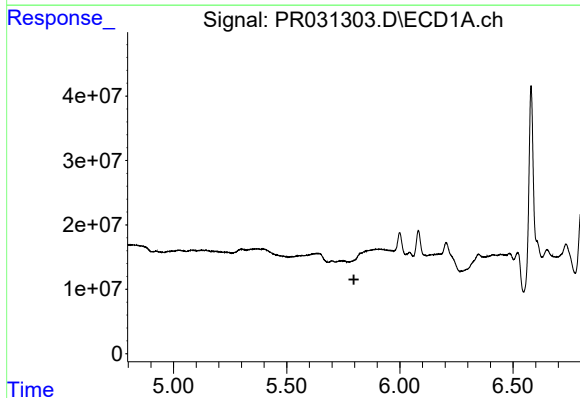
R.T.: 0.000 min  
Exp R.T.: 5.734 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



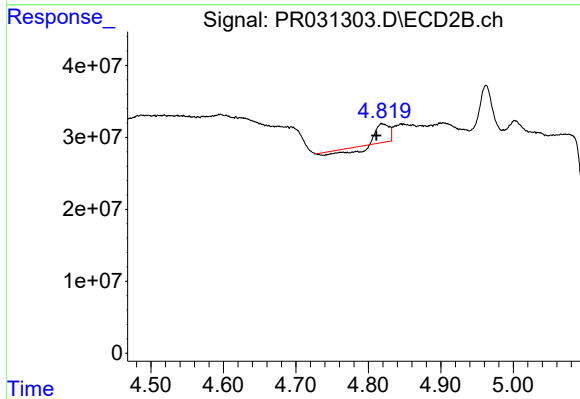
#5 AR-1016-3

R.T.: 4.819 min  
Delta R.T.: 0.064 min  
Response: 13104539  
Conc: 4.44 ng/ml



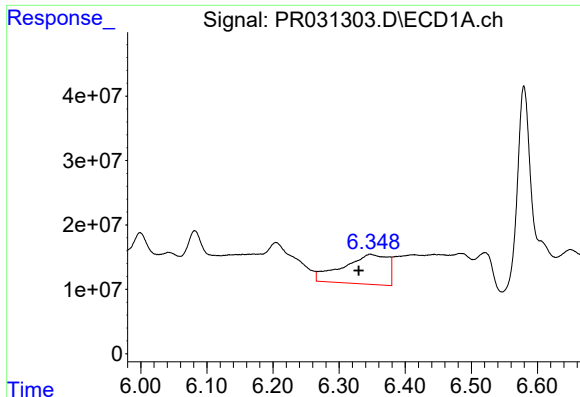
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.797 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

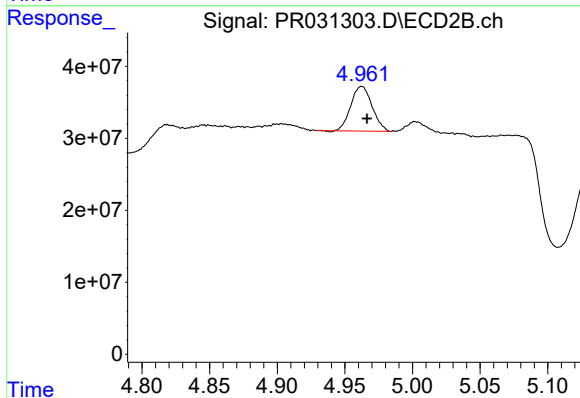
R.T.: 4.819 min  
Delta R.T.: 0.008 min  
Response: 13104539  
Conc: 7.67 ng/ml



#7 AR-1016-5

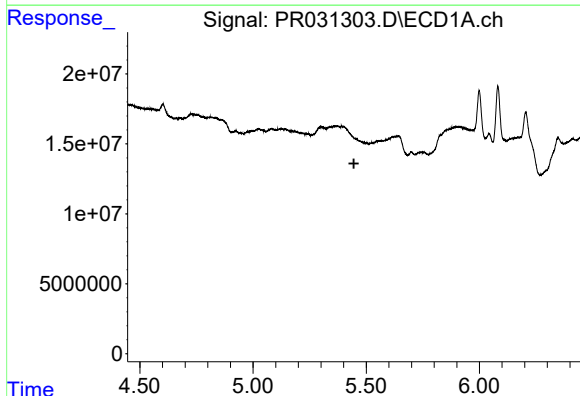
R.T.: 6.347 min  
Delta R.T.: 0.017 min  
Response: 218211174  
Conc: 307.89 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



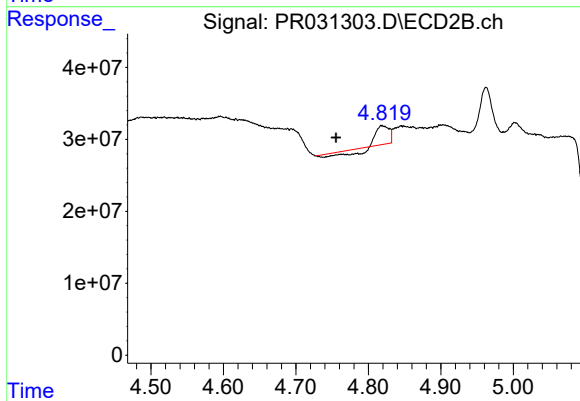
#7 AR-1016-5

R.T.: 4.962 min  
Delta R.T.: -0.004 min  
Response: 67660915  
Conc: 58.75 ng/ml



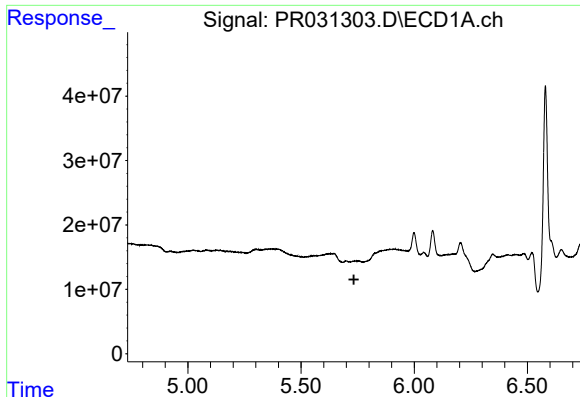
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.445 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

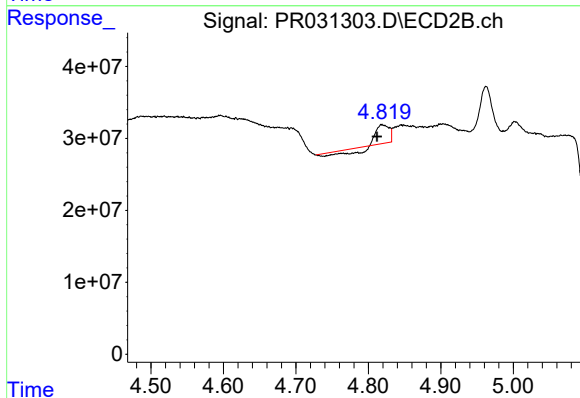
R.T.: 4.819 min  
Delta R.T.: 0.063 min  
Response: 13104539  
Conc: 10.11 ng/ml



#13 AR-1232-3

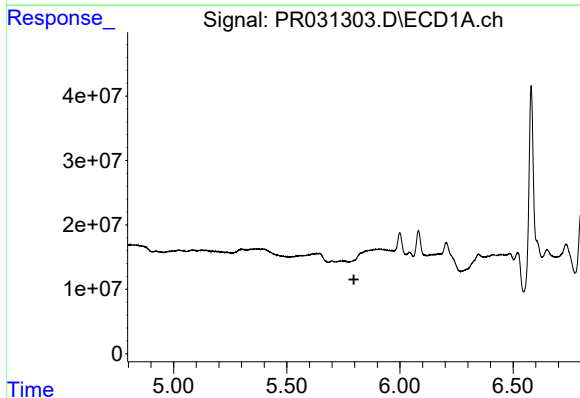
R.T.: 0.000 min  
Exp R.T. : 5.734 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



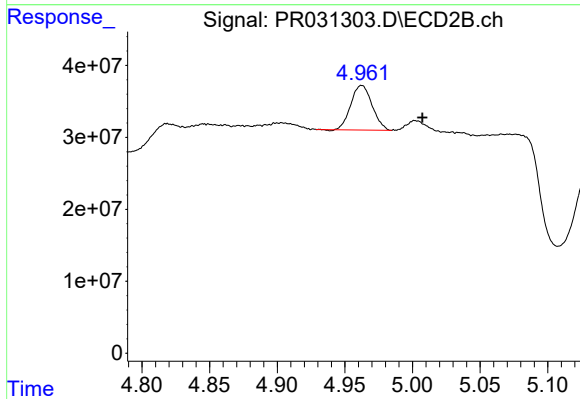
#13 AR-1232-3

R.T.: 4.819 min  
Delta R.T.: 0.007 min  
Response: 13104539  
Conc: 16.95 ng/ml



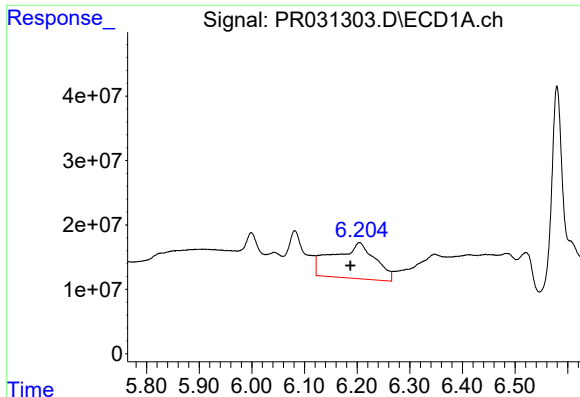
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.796 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

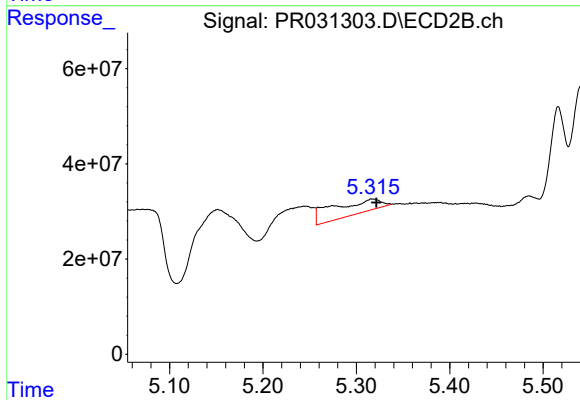
R.T.: 4.962 min  
Delta R.T.: -0.045 min  
Response: 67660915  
Conc: 122.01 ng/ml



#15 AR-1232-5

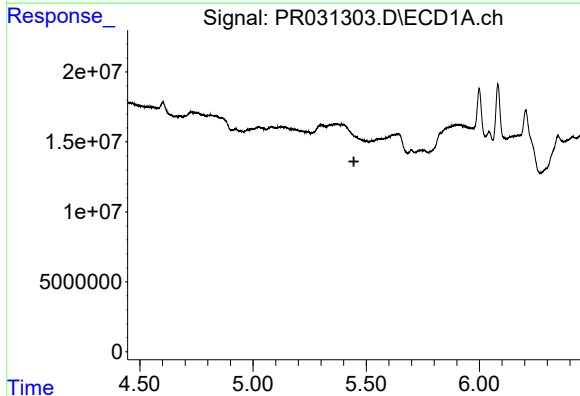
R.T.: 6.205 min  
Delta R.T.: 0.017 min  
Response: 305936078  
Conc: 1137.12 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



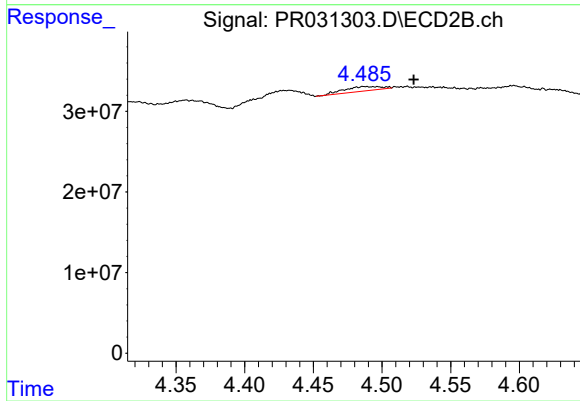
#15 AR-1232-5

R.T.: 5.317 min  
Delta R.T.: -0.004 min  
Response: 103703759  
Conc: 150.68 ng/ml



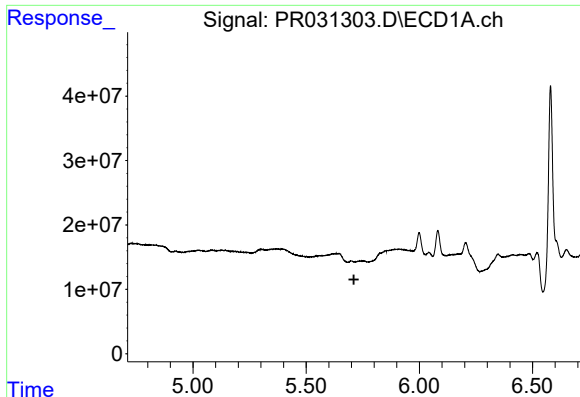
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.445 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

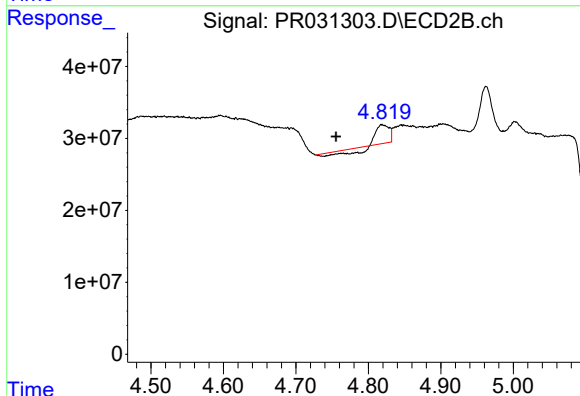
R.T.: 4.486 min  
Delta R.T.: -0.037 min  
Response: 10416663  
Conc: 11.38 ng/ml



#17 AR-1242-2

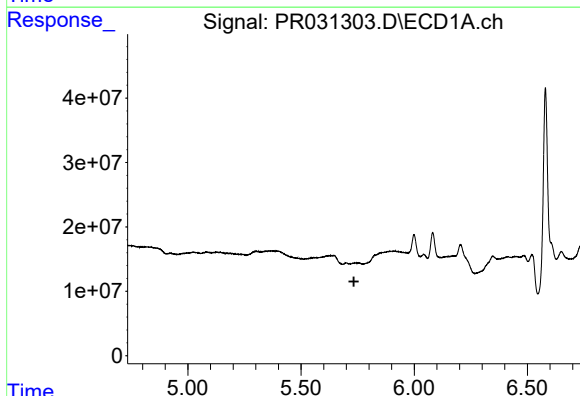
R.T.: 0.000 min  
Exp R.T.: 5.711 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



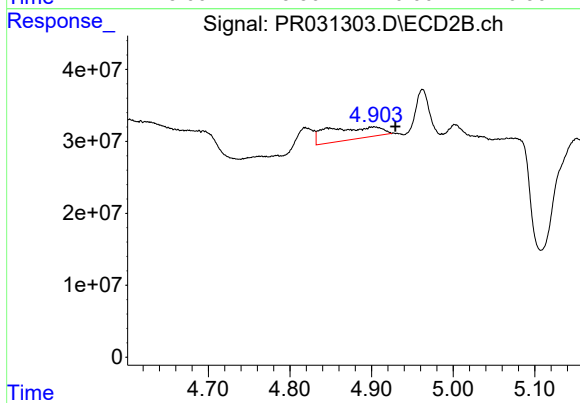
#17 AR-1242-2

R.T.: 4.819 min  
Delta R.T.: 0.063 min  
Response: 13104539  
Conc: 5.85 ng/ml



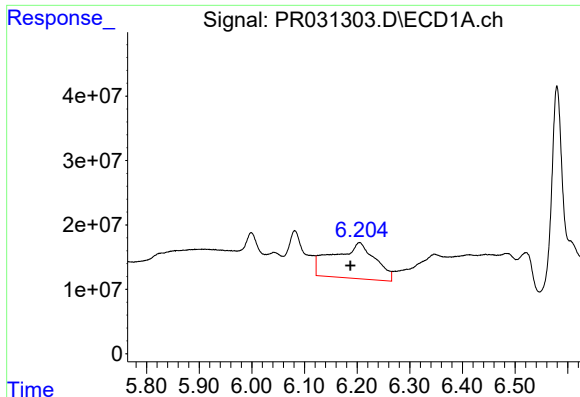
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.733 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

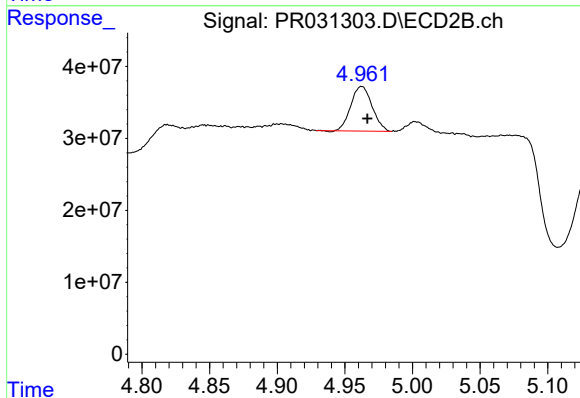
R.T.: 4.903 min  
Delta R.T.: -0.026 min  
Response: 76802417  
Conc: 71.62 ng/ml



#19 AR-1242-4

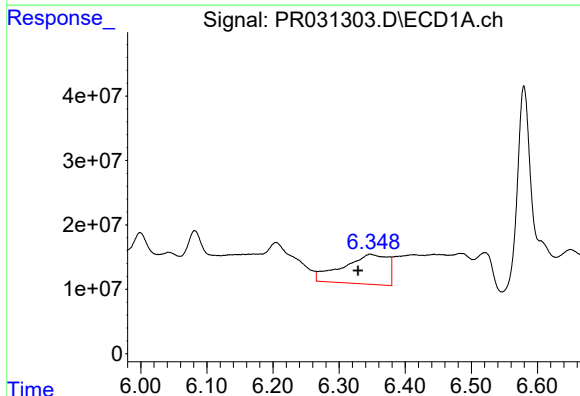
R.T.: 6.205 min  
Delta R.T.: 0.017 min  
Response: 305936078  
Conc: 588.57 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



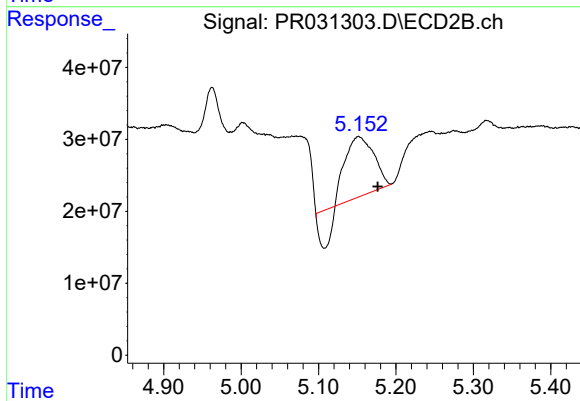
#19 AR-1242-4

R.T.: 4.962 min  
Delta R.T.: -0.004 min  
Response: 67660915  
Conc: 77.24 ng/ml



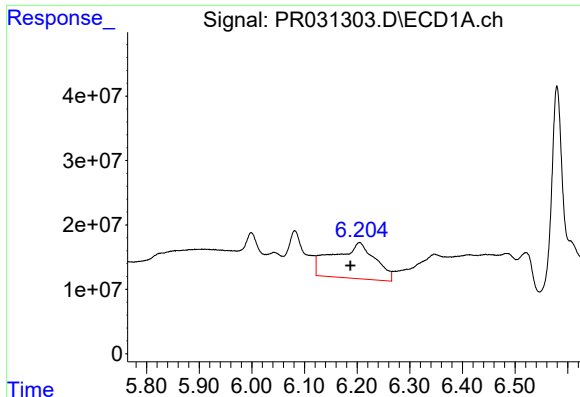
#20 AR-1242-5

R.T.: 6.347 min  
Delta R.T.: 0.018 min  
Response: 218211174  
Conc: 371.01 ng/ml



#20 AR-1242-5

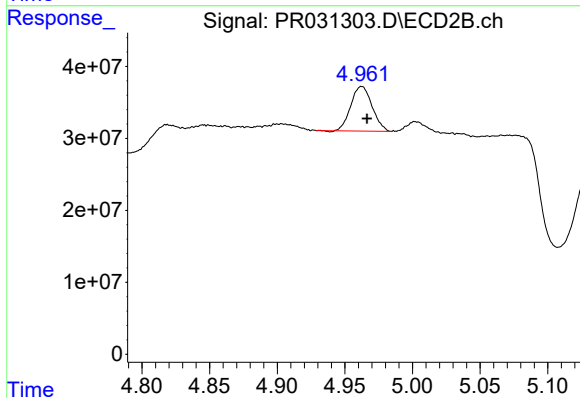
R.T.: 5.152 min  
Delta R.T.: -0.025 min  
Response: 173588633  
Conc: 134.91 ng/ml



#21 AR-1248-1

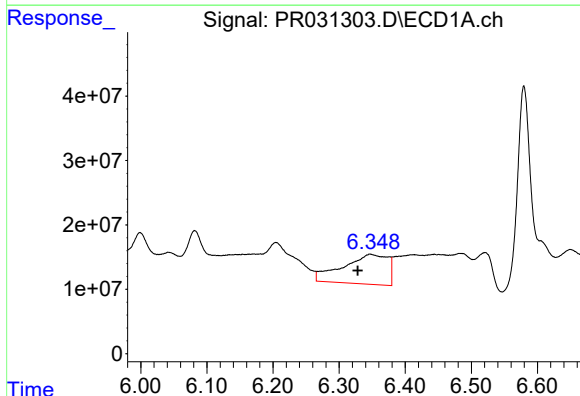
R.T.: 6.205 min  
Delta R.T.: 0.018 min  
Response: 305936078  
Conc: 328.78 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



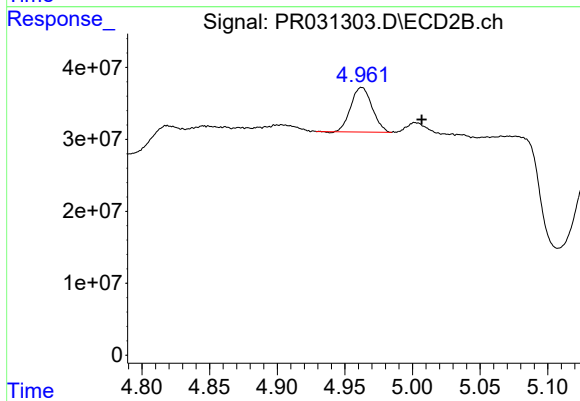
#21 AR-1248-1

R.T.: 4.962 min  
Delta R.T.: -0.004 min  
Response: 67660915  
Conc: 40.93 ng/ml



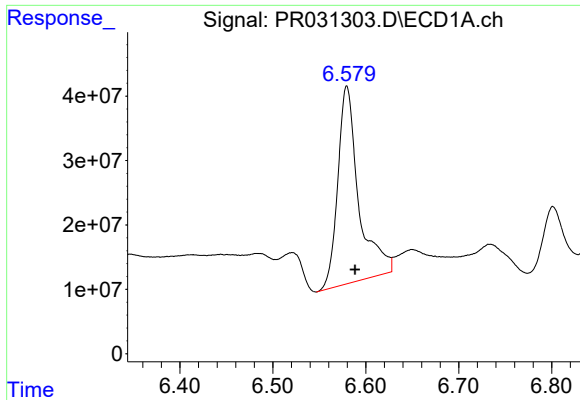
#22 AR-1248-2

R.T.: 6.347 min  
Delta R.T.: 0.019 min  
Response: 218211174  
Conc: 275.07 ng/ml



#22 AR-1248-2

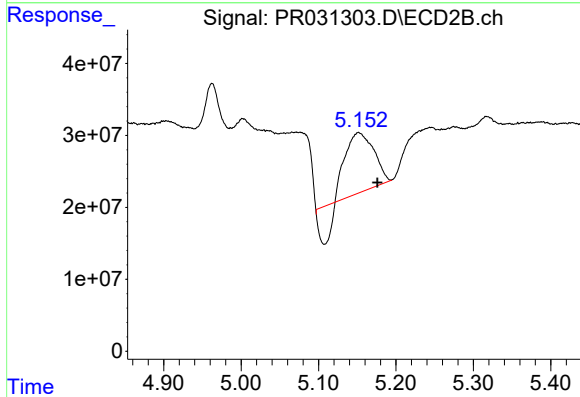
R.T.: 4.962 min  
Delta R.T.: -0.044 min  
Response: 67660915  
Conc: 39.69 ng/ml



#23 AR-1248-3

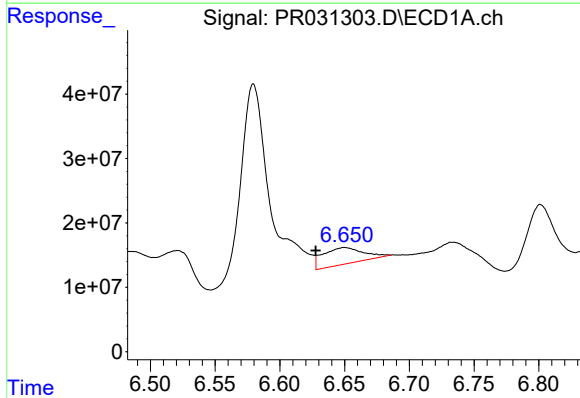
R.T.: 6.580 min  
Delta R.T.: -0.009 min  
Response: 479533197  
Conc: 415.03 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



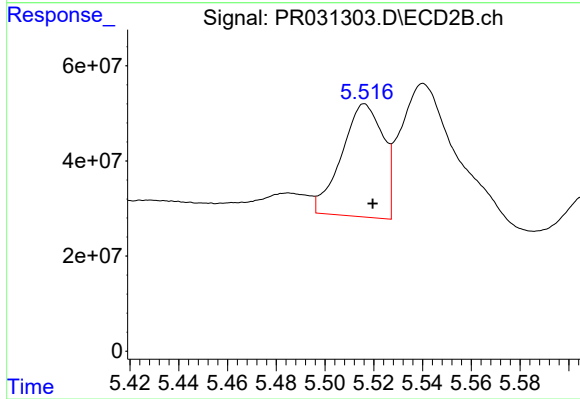
#23 AR-1248-3

R.T.: 5.152 min  
Delta R.T.: -0.024 min  
Response: 173588633  
Conc: 82.64 ng/ml



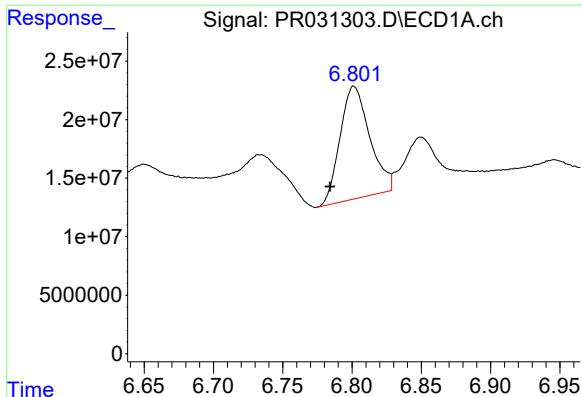
#24 AR-1248-4

R.T.: 6.650 min  
Delta R.T.: 0.022 min  
Response: 55966728  
Conc: 51.08 ng/ml



#24 AR-1248-4

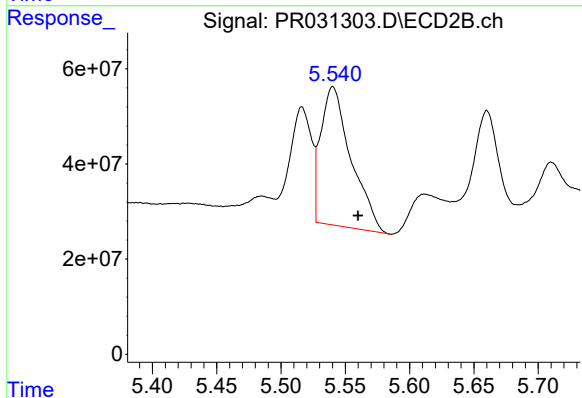
R.T.: 5.516 min  
Delta R.T.: -0.003 min  
Response: 279945645  
Conc: 86.21 ng/ml



#25 AR-1248-5

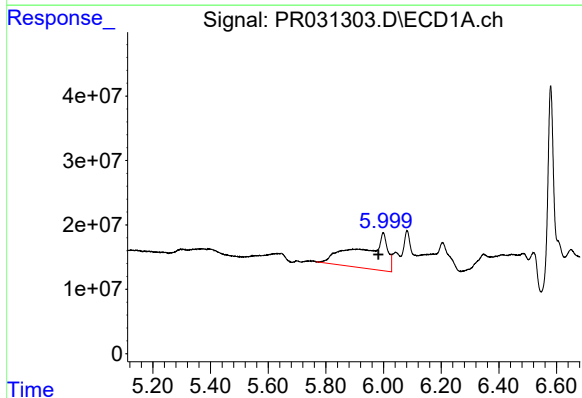
R.T.: 6.801 min  
Delta R.T.: 0.017 min  
Response: 143592613  
Conc: 132.63 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



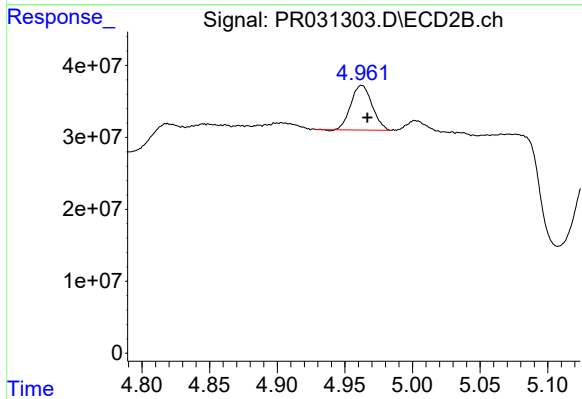
#25 AR-1248-5

R.T.: 5.540 min  
Delta R.T.: -0.020 min  
Response: 475553703  
Conc: 188.28 ng/ml



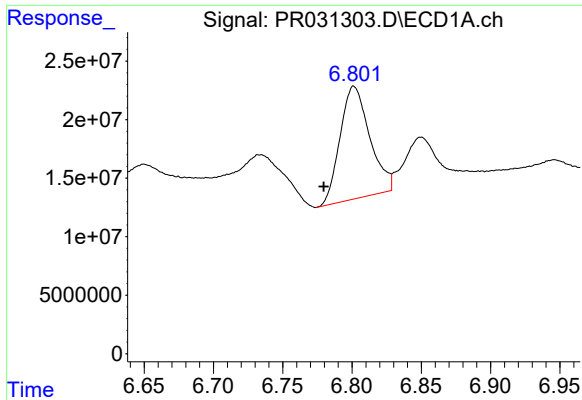
#26 AR-1254-1

R.T.: 5.999 min  
Delta R.T.: 0.017 min  
Response: 376090311  
Conc: 634.96 ng/ml



#26 AR-1254-1

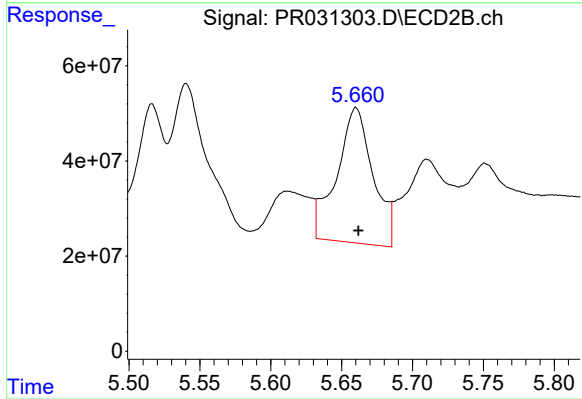
R.T.: 4.962 min  
Delta R.T.: -0.004 min  
Response: 67660915  
Conc: 54.39 ng/ml



#27 AR-1254-2

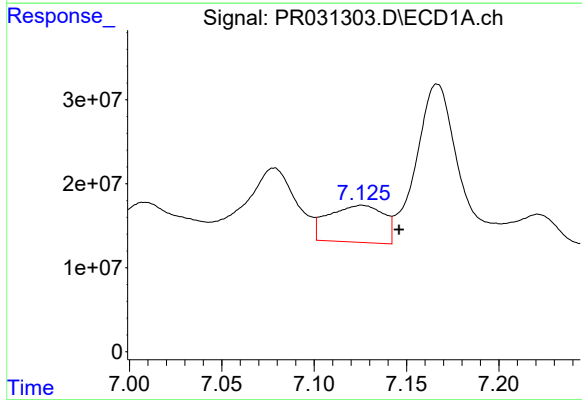
R.T.: 6.801 min  
Delta R.T.: 0.022 min  
Response: 143592613  
Conc: 78.10 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



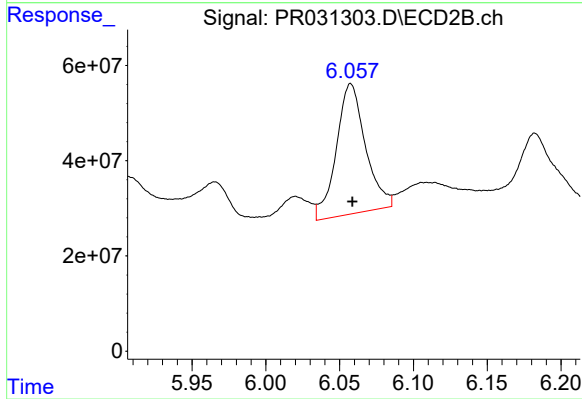
#27 AR-1254-2

R.T.: 5.660 min  
Delta R.T.: -0.002 min  
Response: 508476749  
Conc: 156.94 ng/ml



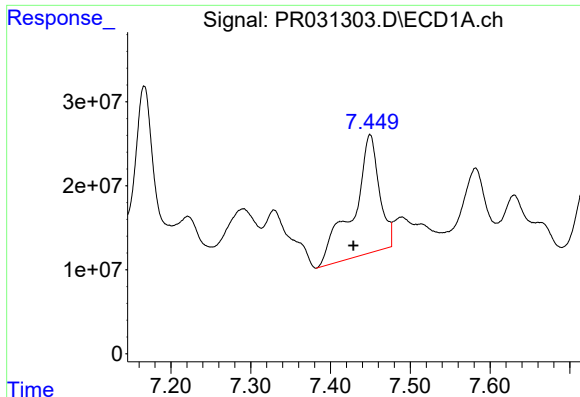
#28 AR-1254-3

R.T.: 7.126 min  
Delta R.T.: -0.020 min  
Response: 91262082  
Conc: 45.21 ng/ml



#28 AR-1254-3

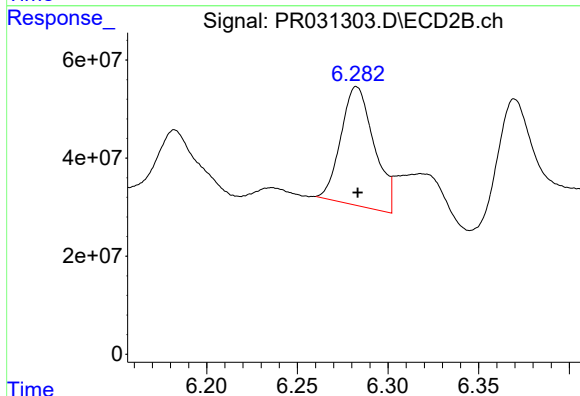
R.T.: 6.058 min  
Delta R.T.: -0.001 min  
Response: 376321124  
Conc: 72.92 ng/ml



#29 AR-1254-4

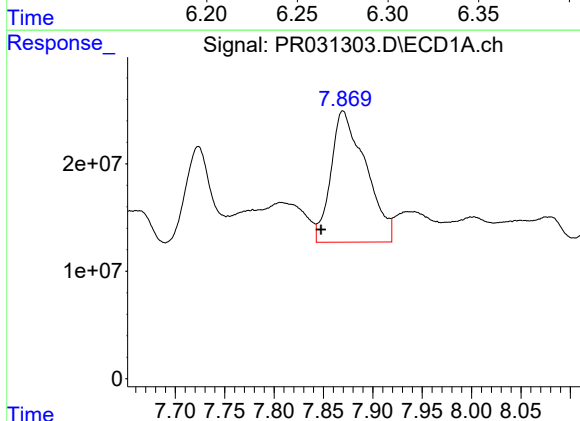
R.T.: 7.450 min  
Delta R.T.: 0.021 min  
Response: 319243344  
Conc: 183.53 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



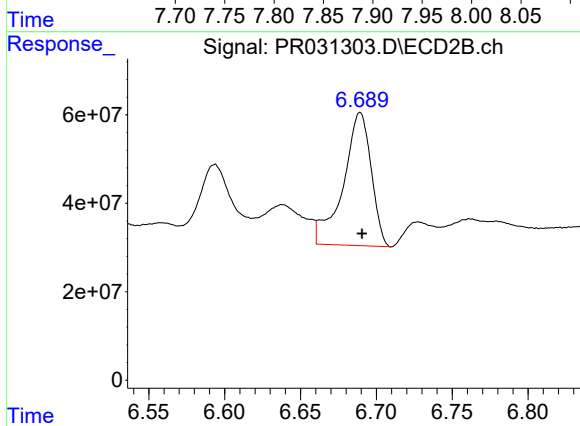
#29 AR-1254-4

R.T.: 6.283 min  
Delta R.T.: 0.000 min  
Response: 308983575  
Conc: 81.62 ng/ml



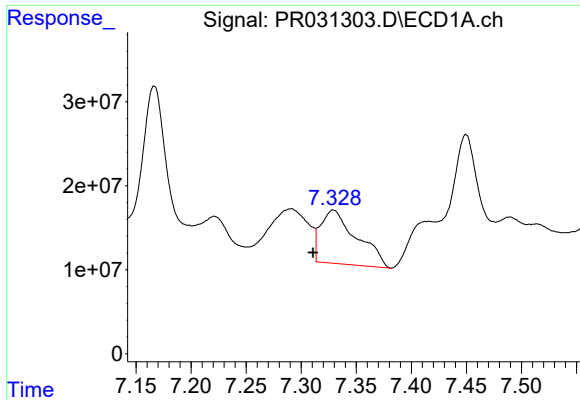
#30 AR-1254-5

R.T.: 7.870 min  
Delta R.T.: 0.022 min  
Response: 299517817  
Conc: 172.59 ng/ml



#30 AR-1254-5

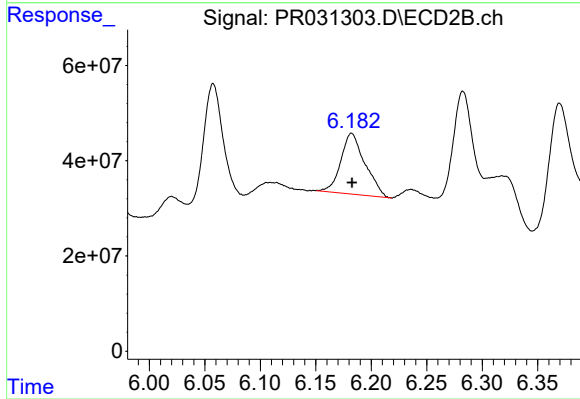
R.T.: 6.689 min  
Delta R.T.: -0.001 min  
Response: 386867209  
Conc: 106.77 ng/ml



#31 AR-1260-1

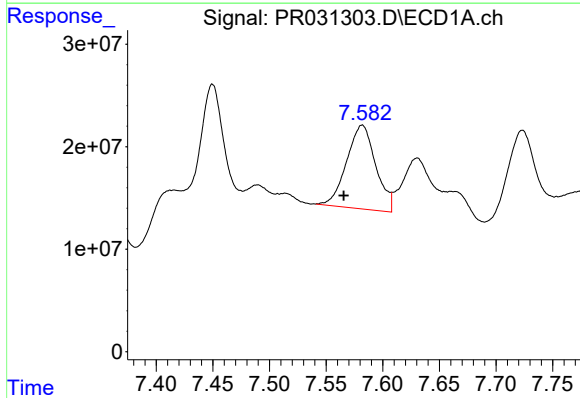
R.T.: 7.329 min  
Delta R.T.: 0.019 min  
Response: 145146220  
Conc: 104.38 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



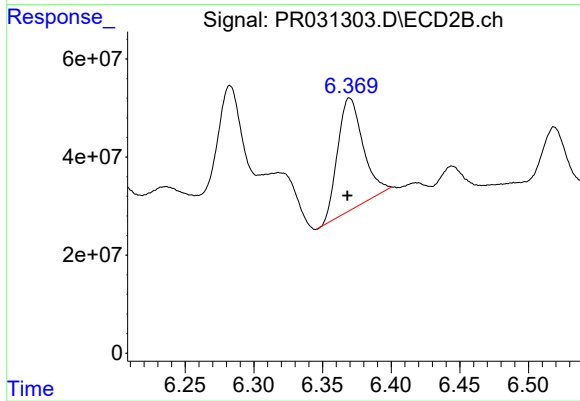
#31 AR-1260-1

R.T.: 6.182 min  
Delta R.T.: 0.000 min  
Response: 193575674  
Conc: 59.49 ng/ml



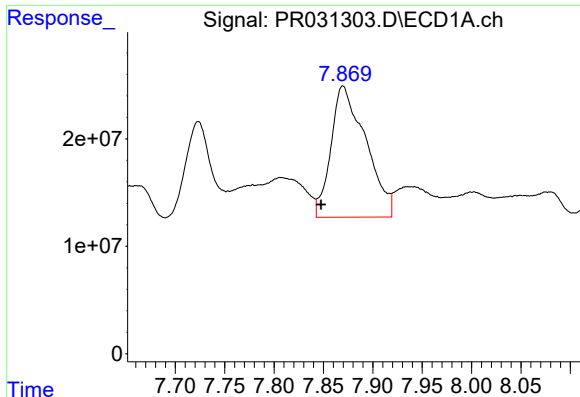
#32 AR-1260-2

R.T.: 7.582 min  
Delta R.T.: 0.016 min  
Response: 146687516  
Conc: 73.50 ng/ml



#32 AR-1260-2

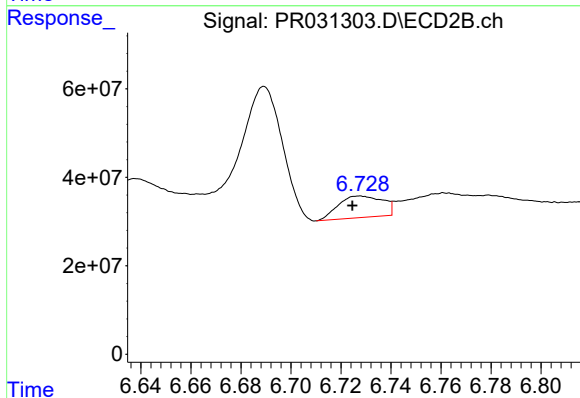
R.T.: 6.370 min  
Delta R.T.: 0.002 min  
Response: 294646175  
Conc: 74.80 ng/ml



#33 AR-1260-3

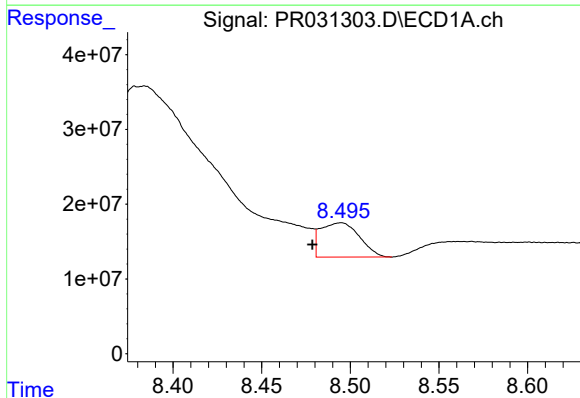
R.T.: 7.870 min  
Delta R.T.: 0.022 min  
Response: 299517817  
Conc: 145.66 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



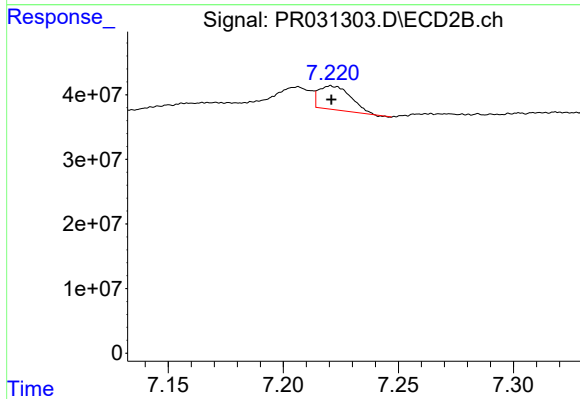
#33 AR-1260-3

R.T.: 6.727 min  
Delta R.T.: 0.003 min  
Response: 59529623  
Conc: 20.32 ng/ml



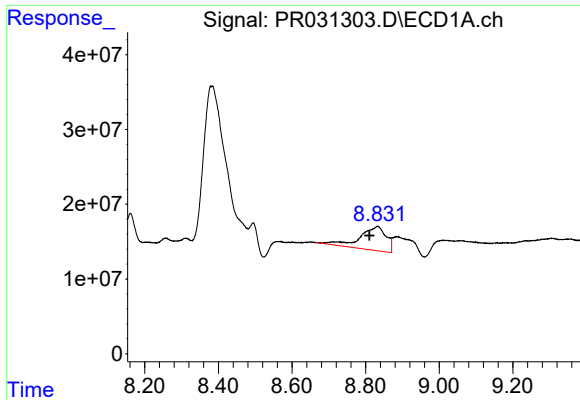
#34 AR-1260-4

R.T.: 8.495 min  
Delta R.T.: 0.016 min  
Response: 70022595  
Conc: 18.58 ng/ml



#34 AR-1260-4

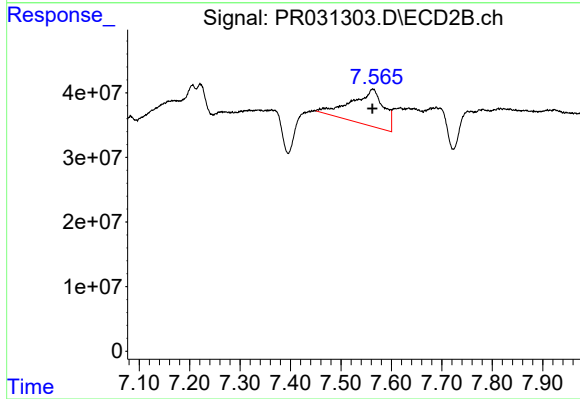
R.T.: 7.221 min  
Delta R.T.: 0.000 min  
Response: 35806216  
Conc: 8.93 ng/ml



#35 AR-1260-5

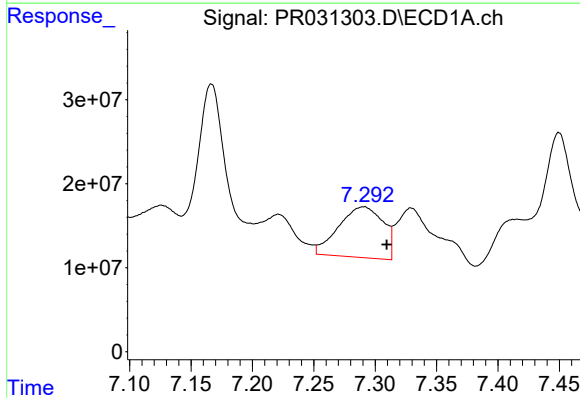
R.T.: 8.832 min  
Delta R.T.: 0.022 min  
Response: 159923553  
Conc: 68.19 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



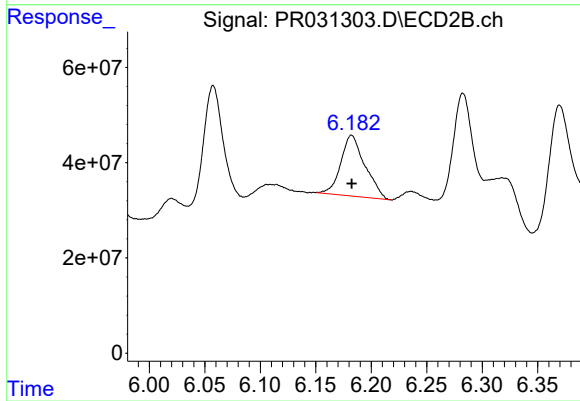
#35 AR-1260-5

R.T.: 7.563 min  
Delta R.T.: 0.000 min  
Response: 250759860  
Conc: 106.43 ng/ml



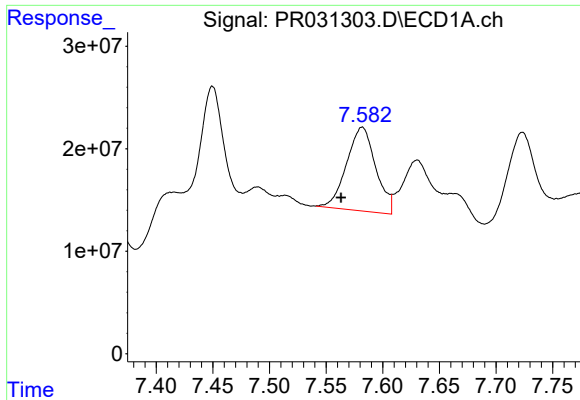
#36 AR-1262-1

R.T.: 7.291 min  
Delta R.T.: -0.019 min  
Response: 152467416  
Conc: 120.01 ng/ml



#36 AR-1262-1

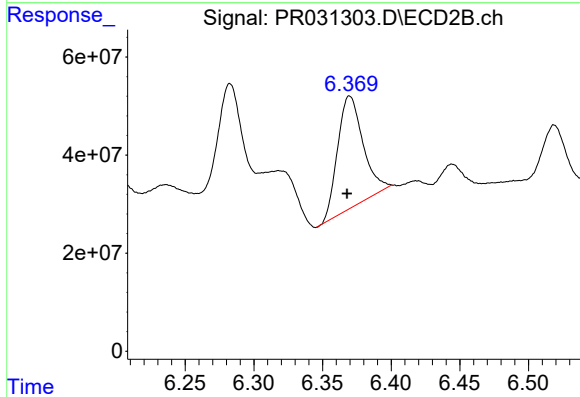
R.T.: 6.182 min  
Delta R.T.: 0.000 min  
Response: 193575674  
Conc: 68.96 ng/ml



#37 AR-1262-2

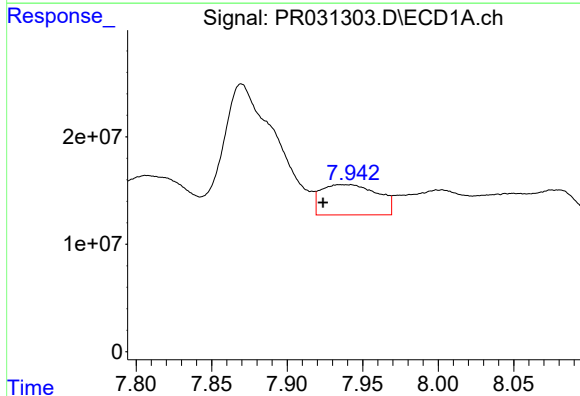
R.T.: 7.582 min  
Delta R.T.: 0.019 min  
Response: 146687516  
Conc: 84.74 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



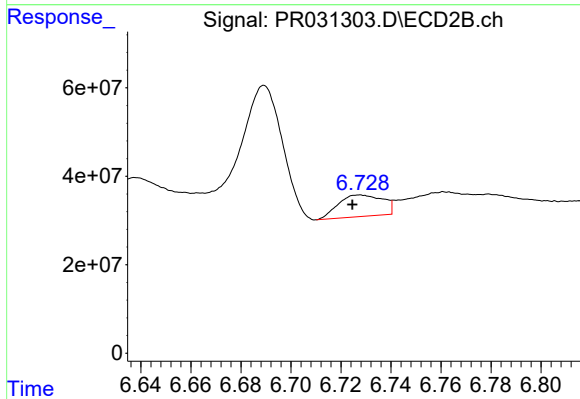
#37 AR-1262-2

R.T.: 6.370 min  
Delta R.T.: 0.002 min  
Response: 294646175  
Conc: 88.87 ng/ml



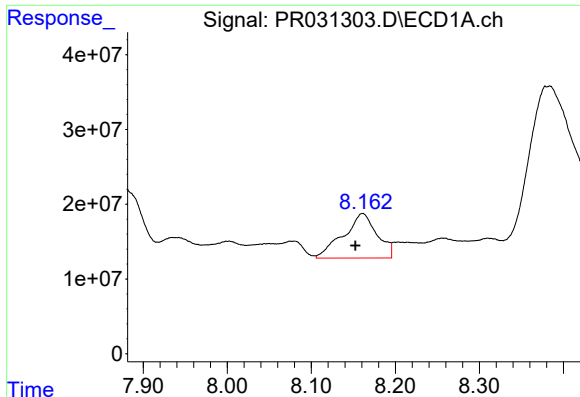
#38 AR-1262-3

R.T.: 7.935 min  
Delta R.T.: 0.012 min  
Response: 73144237  
Conc: 28.90 ng/ml



#38 AR-1262-3

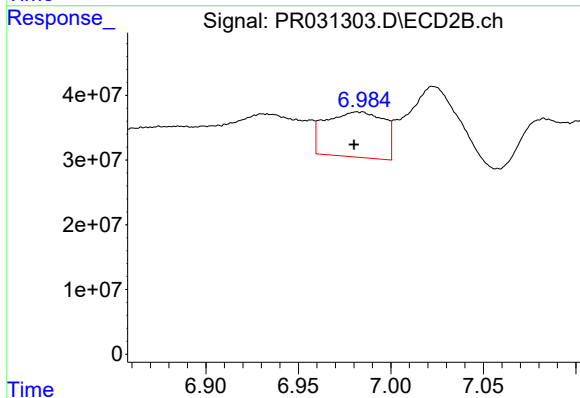
R.T.: 6.727 min  
Delta R.T.: 0.003 min  
Response: 59529623  
Conc: 14.54 ng/ml



#39 AR-1262-4

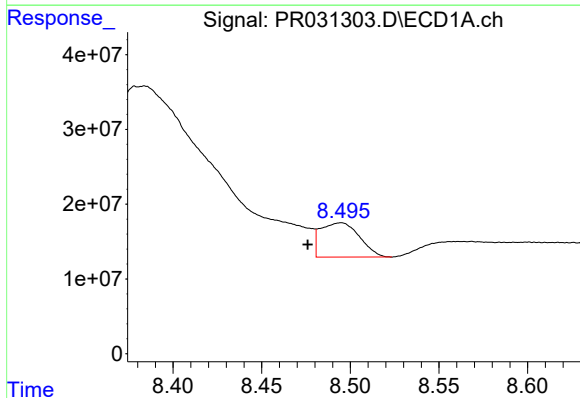
R.T.: 8.161 min  
Delta R.T.: 0.009 min  
Response: 166076799  
Conc: 81.43 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



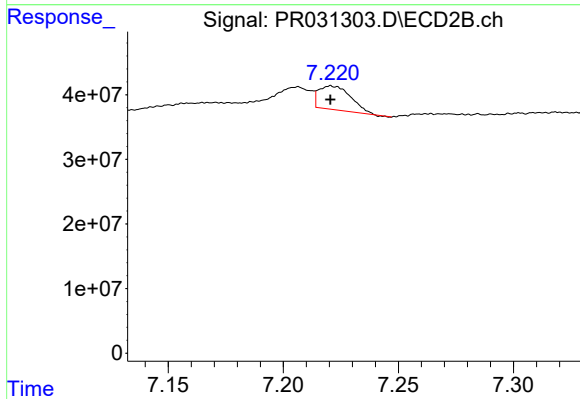
#39 AR-1262-4

R.T.: 6.982 min  
Delta R.T.: 0.002 min  
Response: 152588020  
Conc: 57.31 ng/ml



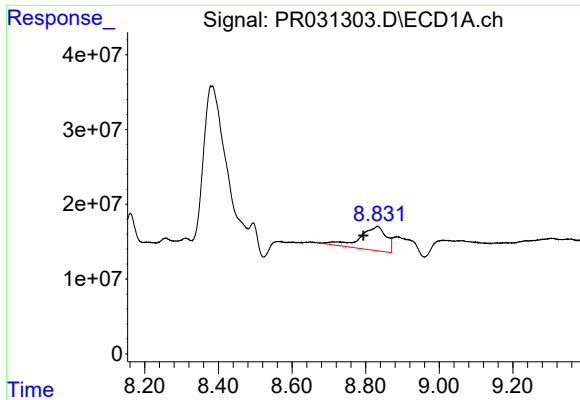
#40 AR-1262-5

R.T.: 8.495 min  
Delta R.T.: 0.019 min  
Response: 70022595  
Conc: 15.26 ng/ml



#40 AR-1262-5

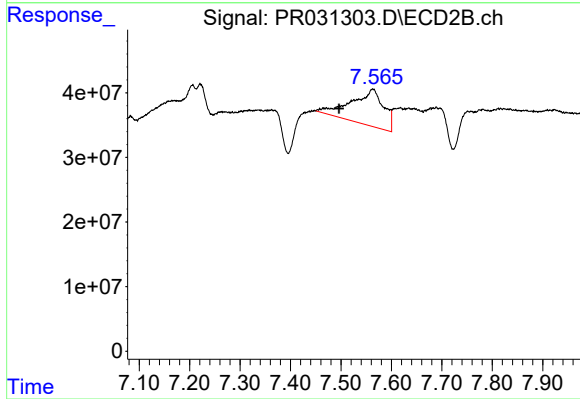
R.T.: 7.221 min  
Delta R.T.: 0.000 min  
Response: 35806216  
Conc: 8.05 ng/ml



#41 AR-1268-1

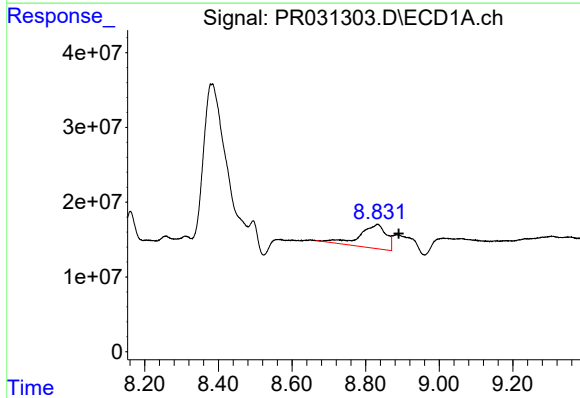
R.T.: 8.832 min  
Delta R.T.: 0.039 min  
Response: 159923553  
Conc: 32.58 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



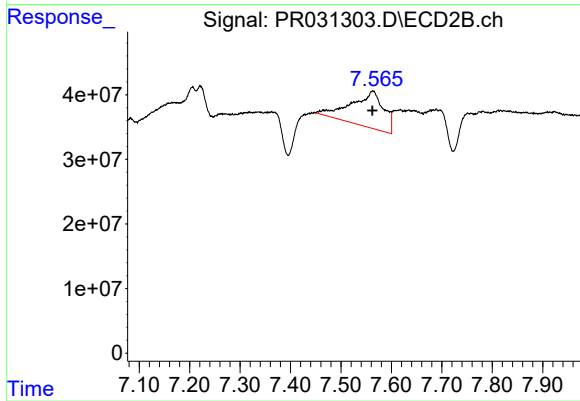
#41 AR-1268-1

R.T.: 7.563 min  
Delta R.T.: 0.067 min  
Response: 250759860  
Conc: 68.63 ng/ml



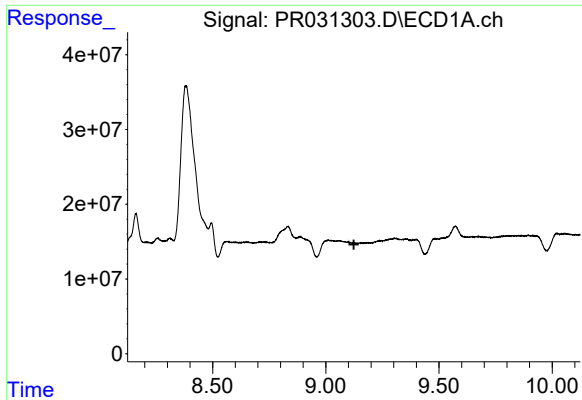
#42 AR-1268-2

R.T.: 8.832 min  
Delta R.T.: -0.057 min  
Response: 159923553  
Conc: 37.46 ng/ml



#42 AR-1268-2

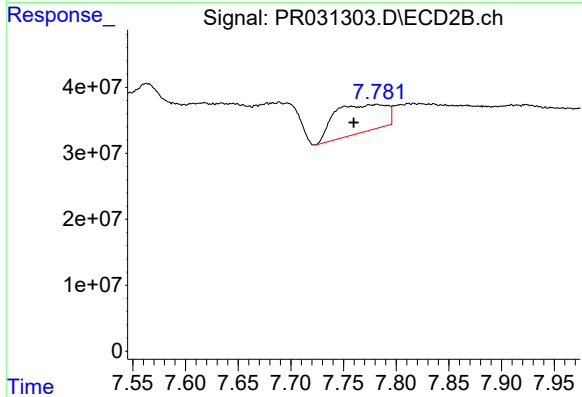
R.T.: 7.563 min  
Delta R.T.: 0.000 min  
Response: 250759860  
Conc: 80.17 ng/ml



#43 AR-1268-3

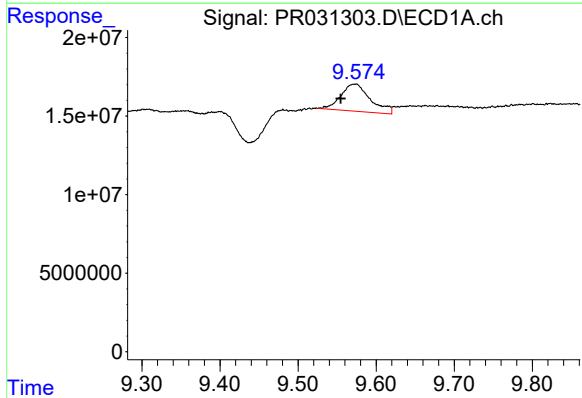
R.T.: 0.000 min  
Exp R.T.: 9.124 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



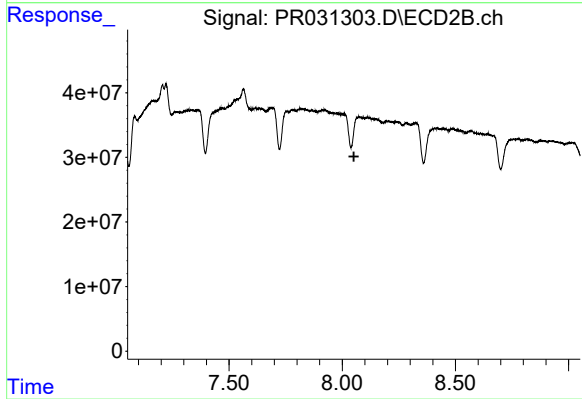
#43 AR-1268-3

R.T.: 7.782 min  
Delta R.T.: 0.022 min  
Response: 146134881  
Conc: 59.09 ng/ml



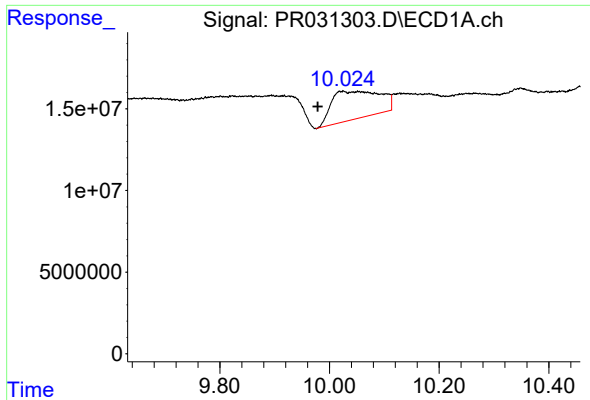
#44 AR-1268-4

R.T.: 9.572 min  
Delta R.T.: 0.018 min  
Response: 45423625  
Conc: 27.44 ng/ml



#44 AR-1268-4

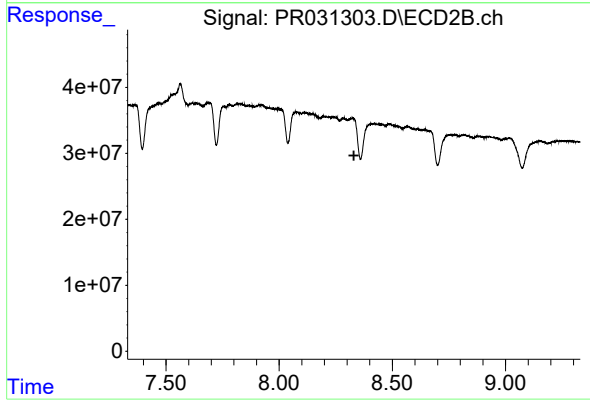
R.T.: 8.072 min  
Delta R.T.: 0.021 min  
Response: -24914125  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.024 min  
Delta R.T.: 0.045 min  
Response: 106153302  
Conc: 9.66 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.330 min  
Response: 0  
Conc: N.D.