

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR112019\  
 Data File : PR043326.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2019 21:15  
 Operator : SM\AJ  
 Sample : K5914-11  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 JLNS0

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 21 01:03:31 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR110219CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Nov 02 01:05:46 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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... | 4.708  | 3.967  | 82590597 | 273.4E6  | 14.716 | 14.149    |
| 2)                          | SA Decachlor... | 10.620 | 9.061  | 94667633 | 245.0E6  | 26.286 | 21.786    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.058  | 0        | 2835311  | N.D.   | 4.777 #   |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.077  | 0        | 1945827  | N.D.   | 2.429 #   |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.524  | 0        | 16465720 | N.D.   | 51.925 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 4.133f | 0        | 340158   | N.D.   | 1.744 #   |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.272  | 0        | 4167435  | N.D.   | 31.065 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.344  | 0        | 3017874  | N.D.   | 6.617 #   |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.344  | 0        | 3017874  | N.D.   | 7.646 #   |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.077  | 0        | 1945827  | N.D.   | 5.280 #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.376  | 0        | 7351107  | N.D.   | 55.011 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.524  | 0        | 16465720 | N.D.   | 120.827 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.058  | 0        | 2835311  | N.D.   | 6.191 #   |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.077  | 0        | 1945827  | N.D.   | 3.177 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.376  | 0        | 7351107  | N.D.   | 29.164 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.895  | 0        | 46061390 | N.D.   | 155.007 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.058  | 0        | 2835311  | N.D.   | 7.615 #   |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.376  | 0        | 7351107  | N.D.   | 19.441 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.524  | 0        | 16465720 | N.D.   | 39.529 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.895  | 0        | 46061390 | N.D.   | 104.550 # |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.895  | 0        | 46061390 | N.D.   | 73.774 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.012  | 0        | 32641053 | N.D.   | 58.110 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.418  | 0        | 13307054 | N.D.   | 13.625 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.642  | 0        | 16746849 | N.D.   | 23.435 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 7.110f | 0        | 6855059  | N.D.   | 8.290 #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.554  | 0        | 14909251 | N.D.   | 22.764 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.733  | 0        | 24772095 | N.D.   | 27.127 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.966f | 0        | 45711237 | N.D.   | 59.607 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.335f | 0        | 39453798 | N.D.   | 62.357 #  |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.651f | 0        | 8263246  | N.D.   | 4.678 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.110f | 0        | 6855059  | N.D.   | 14.548 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.651f | 0        | 8263246  | N.D.   | 4.286 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.928  | 0        | 38448093 | N.D.   | 51.837 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.928  | 0        | 38448093 | N.D.   | 29.785 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.453  | 0        | 20627095 | N.D.   | 34.934 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.928  | 0        | 38448093 | N.D.   | 17.353 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.928  | 0        | 38448093 | N.D.   | 19.691 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.206  | 0        | 44752599 | N.D.   | 26.994 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.453  | 0        | 20627095 | N.D.   | 31.102 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.787  | 0        | 16475674 | N.D.   | 3.498 #   |
| -----                       |                 |        |        |          |          |        |           |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR112019\  
Data File : PR043326.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2019 21:15  
Operator : SM\AJ  
Sample : K5914-11  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0

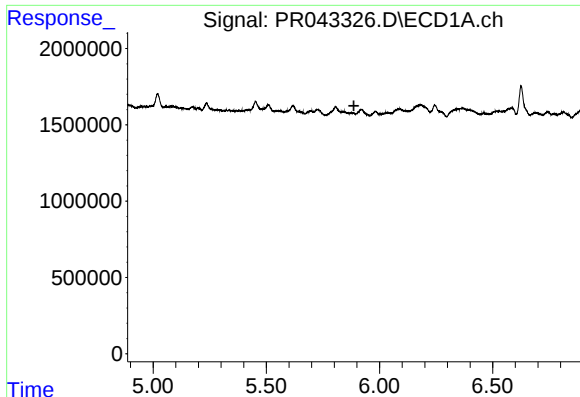
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 21 01:03:31 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR110219CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Nov 02 01:05:46 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm 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.

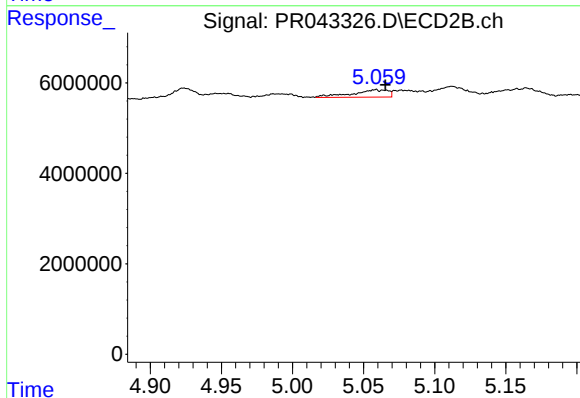




#3 AR-1016-1

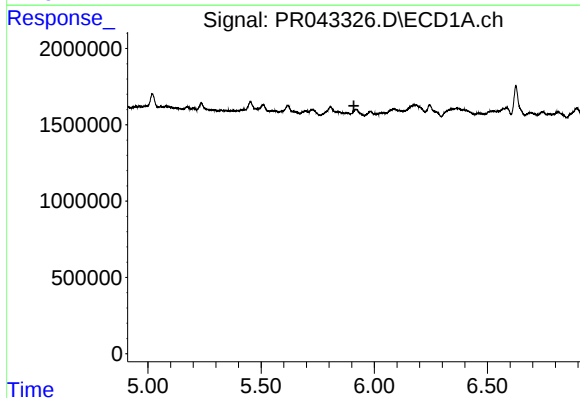
R.T.: 0.000 min  
Exp R.T.: 5.887 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



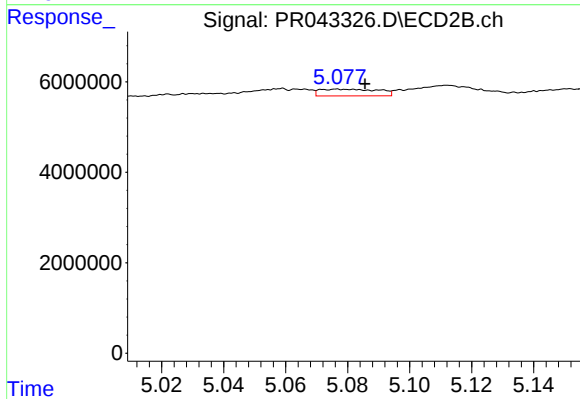
#3 AR-1016-1

R.T.: 5.058 min  
Delta R.T.: -0.007 min  
Response: 2835311  
Conc: 4.78 ng/ml



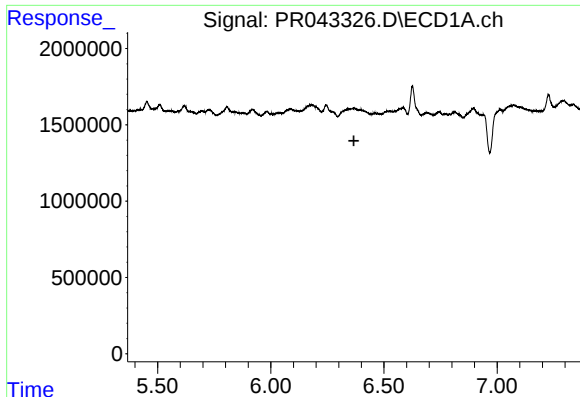
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.910 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

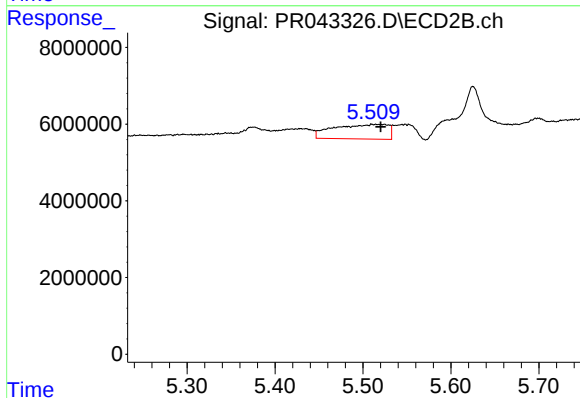
R.T.: 5.077 min  
Delta R.T.: -0.009 min  
Response: 1945827  
Conc: 2.43 ng/ml



#7 AR-1016-5

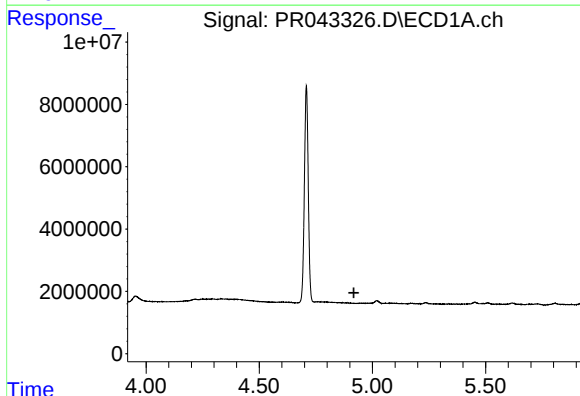
R.T.: 0.000 min  
Exp R.T.: 6.367 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



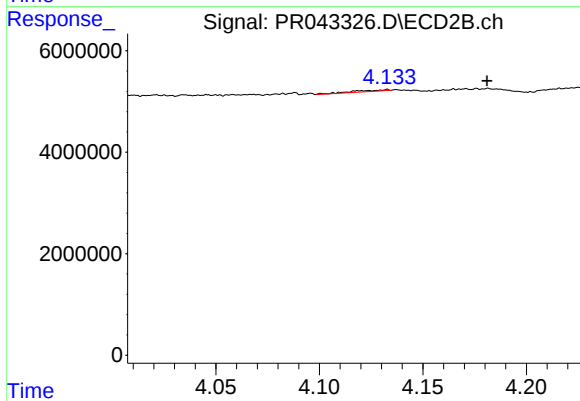
#7 AR-1016-5

R.T.: 5.524 min  
Delta R.T.: 0.004 min  
Response: 16465720  
Conc: 51.92 ng/ml



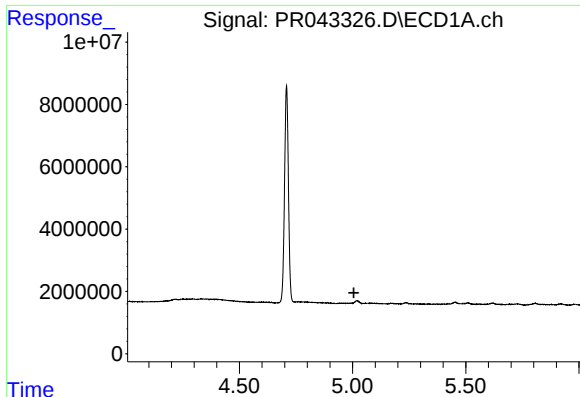
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 4.918 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

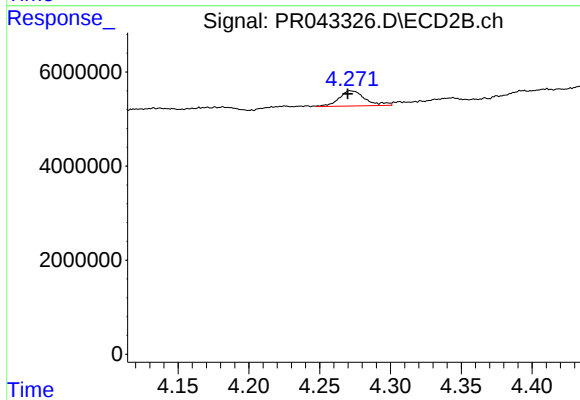
R.T.: 4.133 min  
Delta R.T.: -0.048 min  
Response: 340158  
Conc: 1.74 ng/ml



#9 AR-1221-2

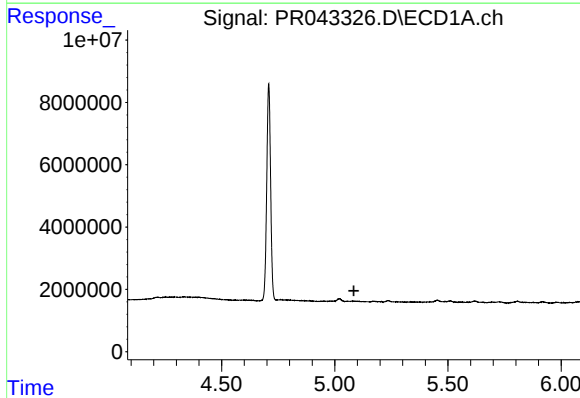
R.T.: 0.000 min  
Exp R.T.: 5.006 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



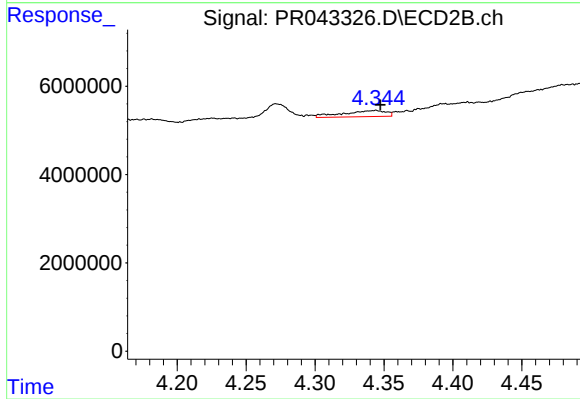
#9 AR-1221-2

R.T.: 4.272 min  
Delta R.T.: 0.002 min  
Response: 4167435  
Conc: 31.07 ng/ml



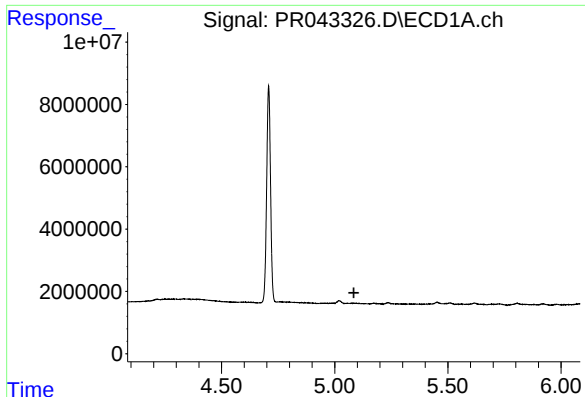
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 5.084 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

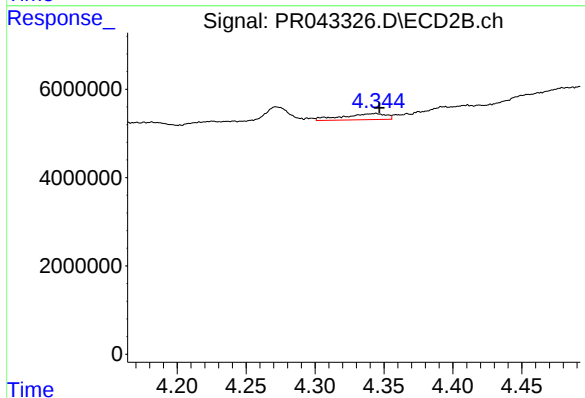
R.T.: 4.344 min  
Delta R.T.: -0.003 min  
Response: 3017874  
Conc: 6.62 ng/ml



#11 AR-1232-1

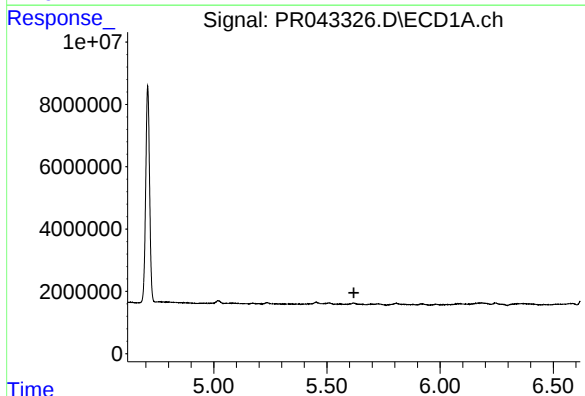
R.T.: 0.000 min  
Exp R.T.: 5.085 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



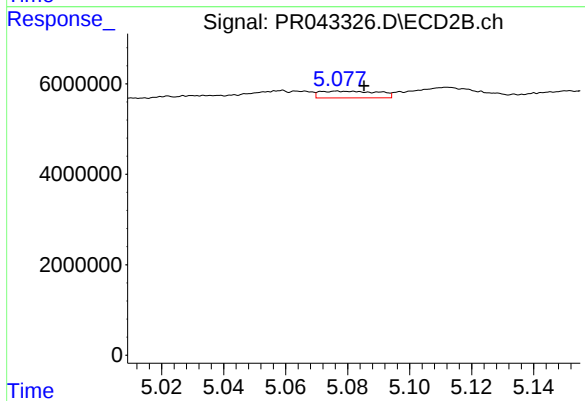
#11 AR-1232-1

R.T.: 4.344 min  
Delta R.T.: -0.002 min  
Response: 3017874  
Conc: 7.65 ng/ml



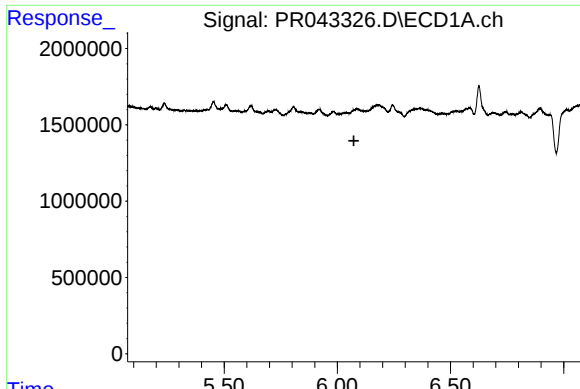
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 5.619 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

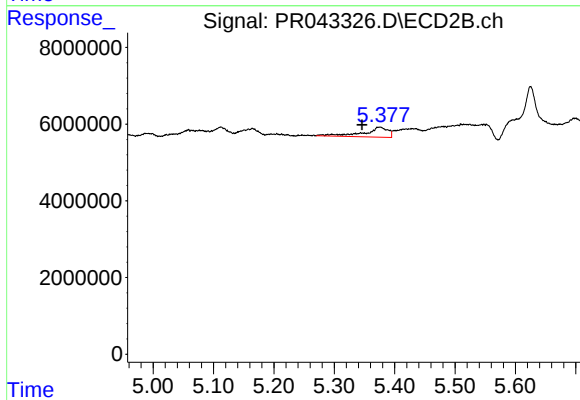
R.T.: 5.077 min  
Delta R.T.: -0.008 min  
Response: 1945827  
Conc: 5.28 ng/ml



#14 AR-1232-4

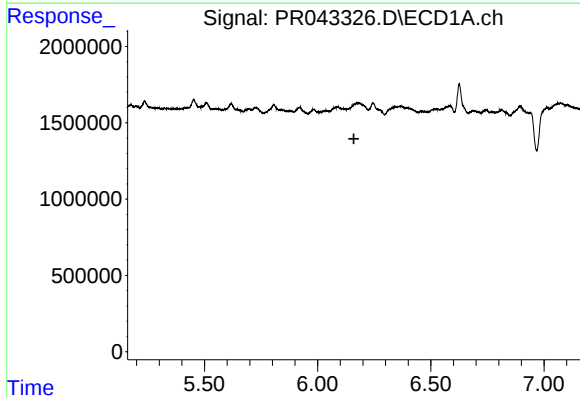
R.T.: 0.000 min  
Exp R.T.: 6.073 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



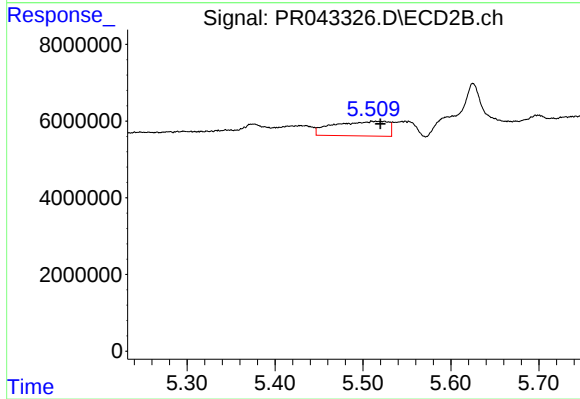
#14 AR-1232-4

R.T.: 5.376 min  
Delta R.T.: 0.029 min  
Response: 7351107  
Conc: 55.01 ng/ml



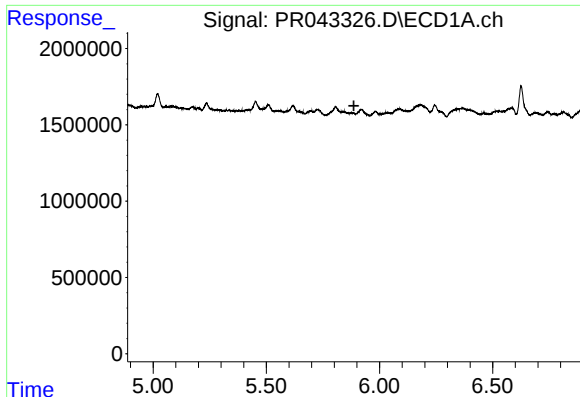
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 6.160 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

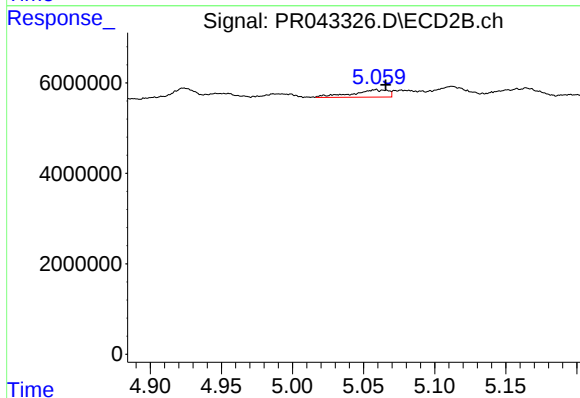
R.T.: 5.524 min  
Delta R.T.: 0.004 min  
Response: 16465720  
Conc: 120.83 ng/ml



#16 AR-1242-1

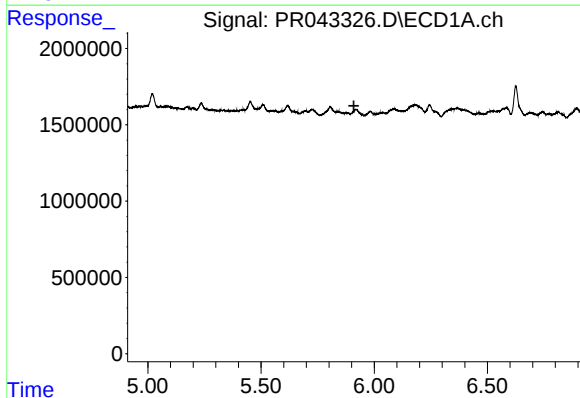
R.T.: 0.000 min  
Exp R.T.: 5.887 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



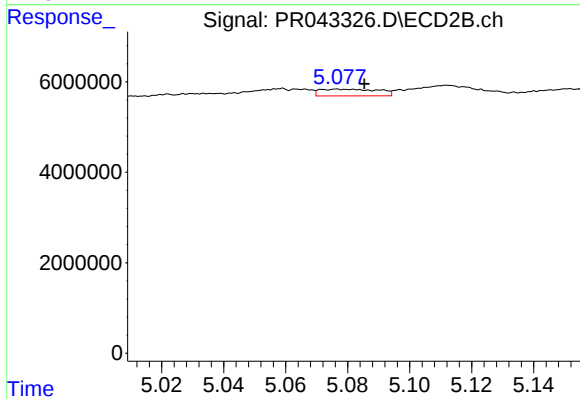
#16 AR-1242-1

R.T.: 5.058 min  
Delta R.T.: -0.007 min  
Response: 2835311  
Conc: 6.19 ng/ml



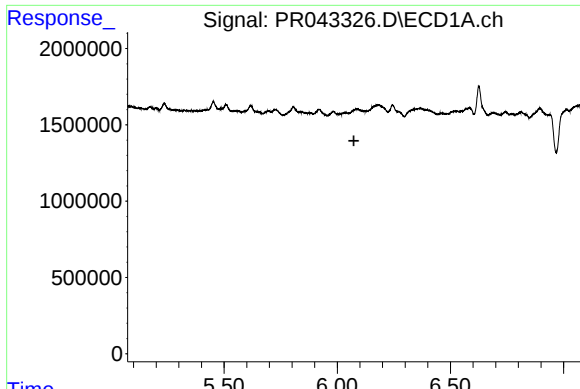
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 5.910 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

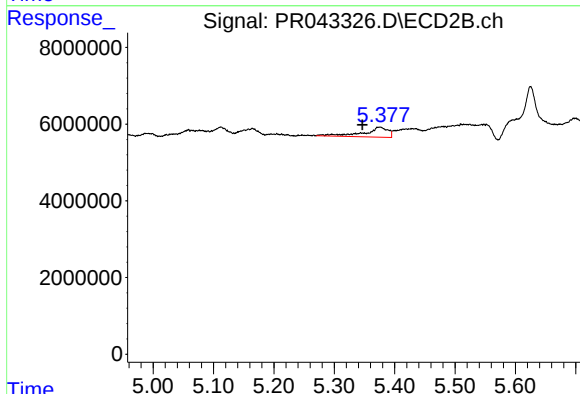
R.T.: 5.077 min  
Delta R.T.: -0.008 min  
Response: 1945827  
Conc: 3.18 ng/ml



#19 AR-1242-4

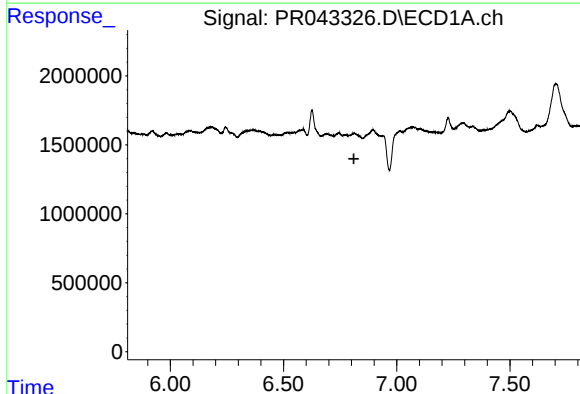
R.T.: 0.000 min  
Exp R.T.: 6.074 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



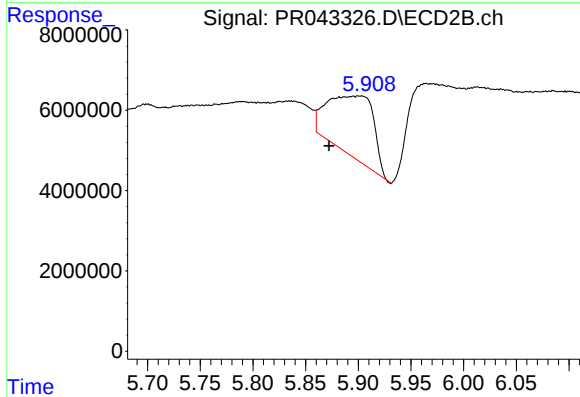
#19 AR-1242-4

R.T.: 5.376 min  
Delta R.T.: 0.029 min  
Response: 7351107  
Conc: 29.16 ng/ml



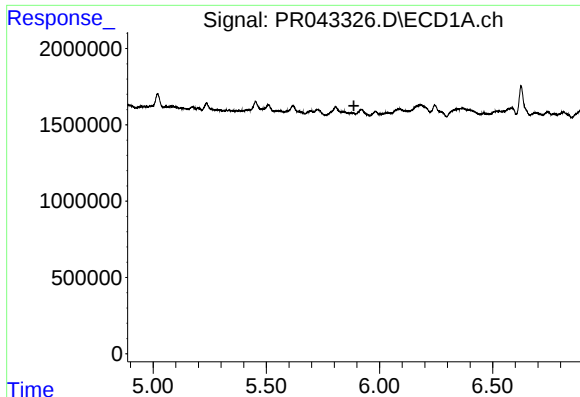
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.811 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

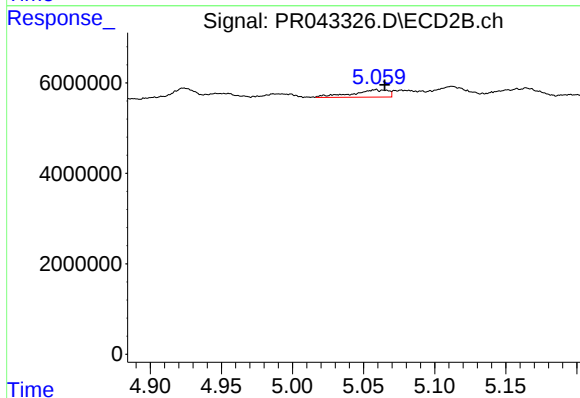
R.T.: 5.895 min  
Delta R.T.: 0.023 min  
Response: 46061390  
Conc: 155.01 ng/ml



#21 AR-1248-1

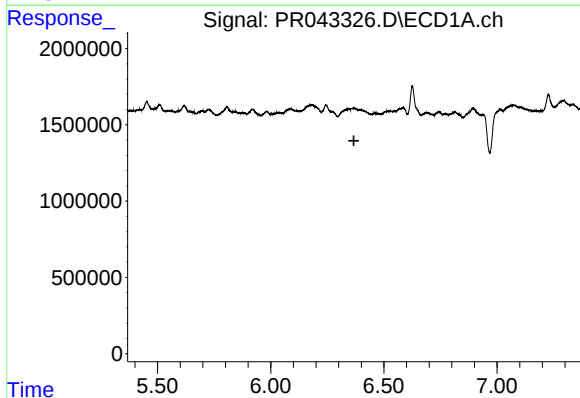
R.T.: 0.000 min  
Exp R.T.: 5.887 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



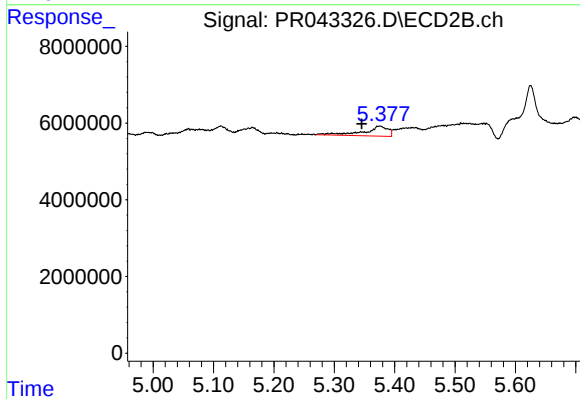
#21 AR-1248-1

R.T.: 5.058 min  
Delta R.T.: -0.007 min  
Response: 2835311  
Conc: 7.61 ng/ml



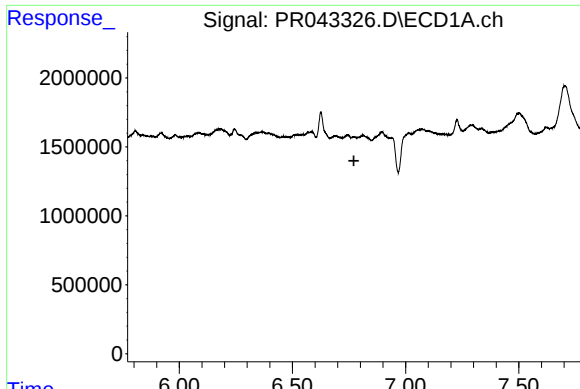
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.367 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

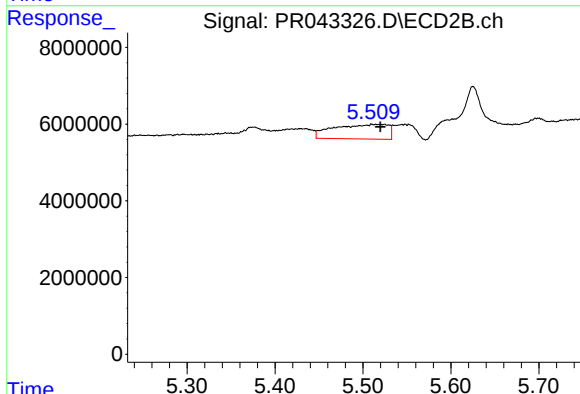
R.T.: 5.376 min  
Delta R.T.: 0.030 min  
Response: 7351107  
Conc: 19.44 ng/ml



#24 AR-1248-4

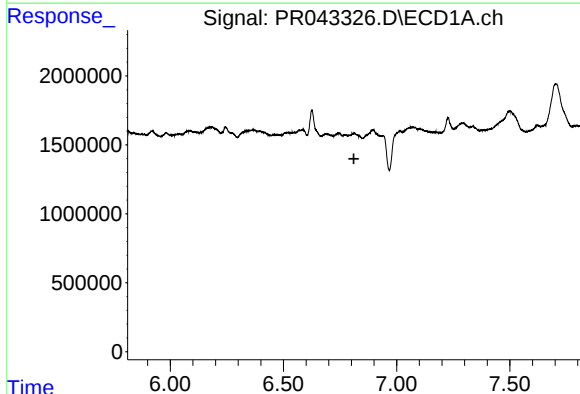
R.T.: 0.000 min  
Exp R.T.: 6.772 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



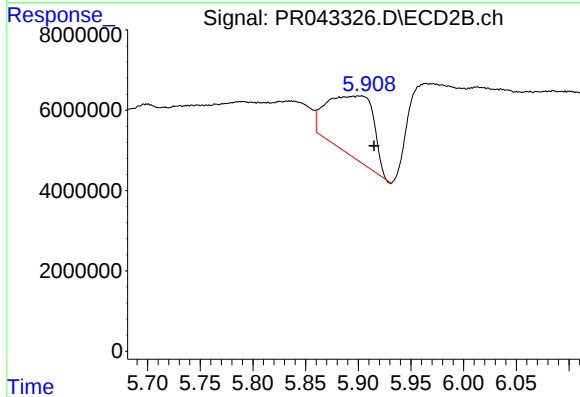
#24 AR-1248-4

R.T.: 5.524 min  
Delta R.T.: 0.004 min  
Response: 16465720  
Conc: 39.53 ng/ml



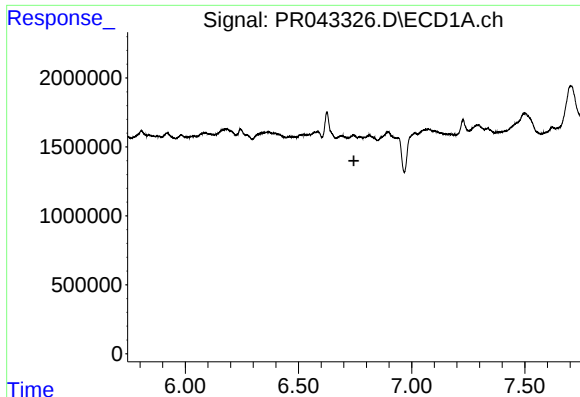
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.811 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

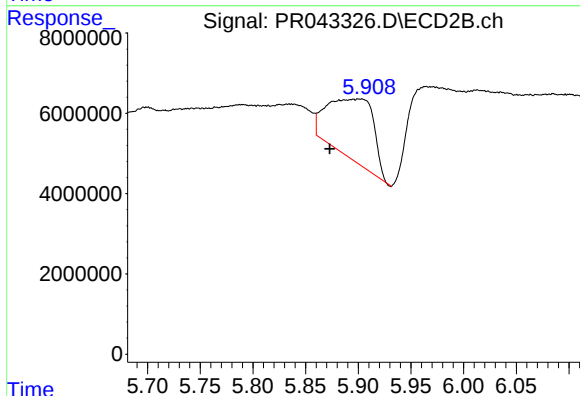
R.T.: 5.895 min  
Delta R.T.: -0.020 min  
Response: 46061390  
Conc: 104.55 ng/ml



#26 AR-1254-1

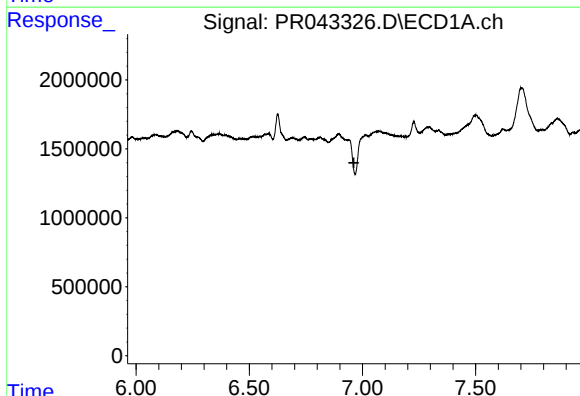
R.T.: 0.000 min  
Exp R.T.: 6.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



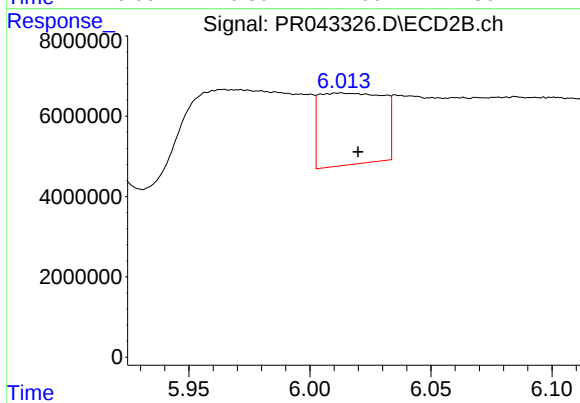
#26 AR-1254-1

R.T.: 5.895 min  
Delta R.T.: 0.022 min  
Response: 46061390  
Conc: 73.77 ng/ml



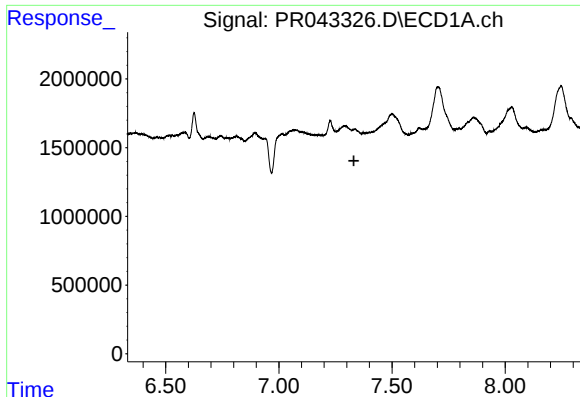
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 6.962 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

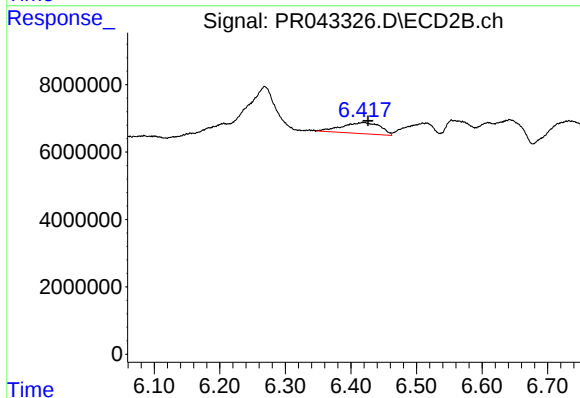
R.T.: 6.012 min  
Delta R.T.: -0.008 min  
Response: 32641053  
Conc: 58.11 ng/ml



#28 AR-1254-3

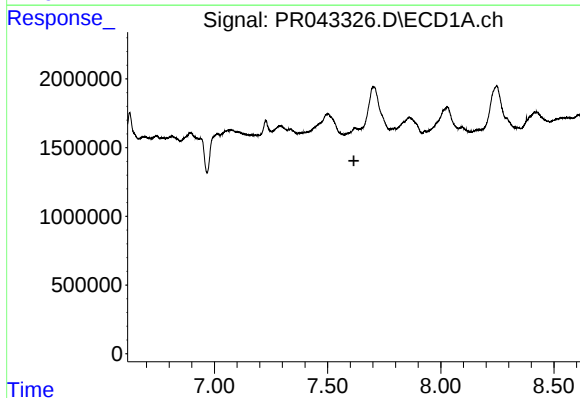
R.T.: 0.000 min  
Exp R.T.: 7.332 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



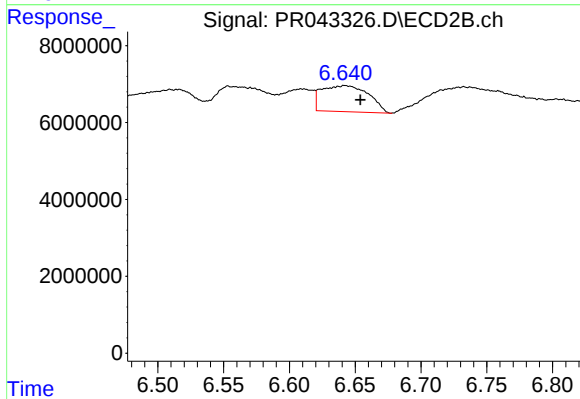
#28 AR-1254-3

R.T.: 6.418 min  
Delta R.T.: -0.008 min  
Response: 13307054  
Conc: 13.63 ng/ml



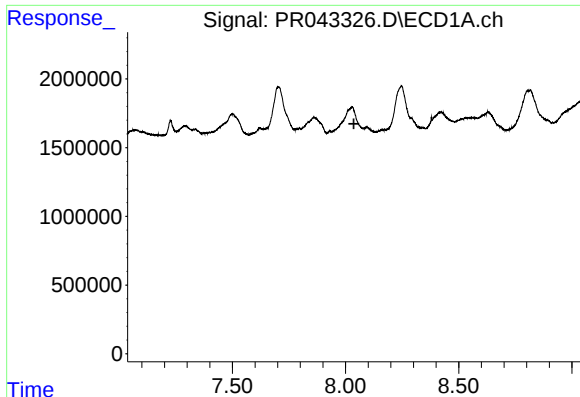
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 7.616 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

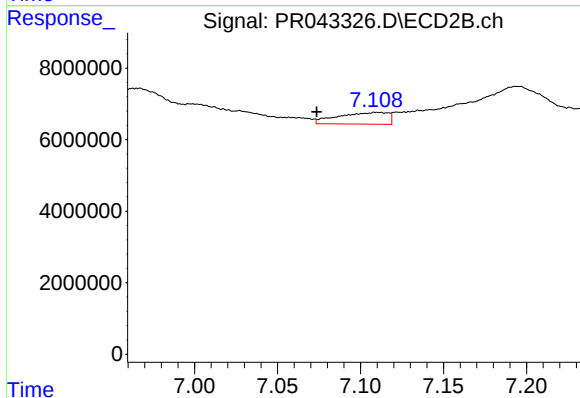
R.T.: 6.642 min  
Delta R.T.: -0.012 min  
Response: 16746849  
Conc: 23.43 ng/ml



#30 AR-1254-5

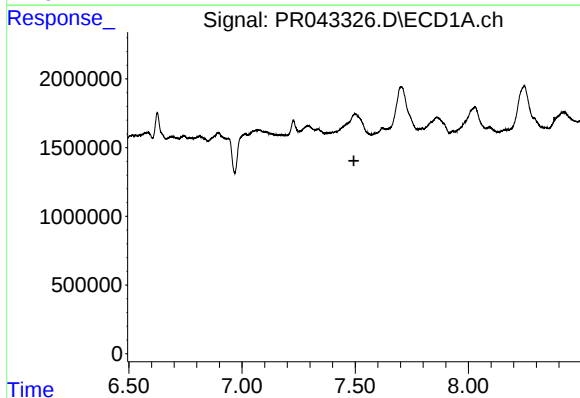
R.T.: 0.000 min  
Exp R.T.: 8.037 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



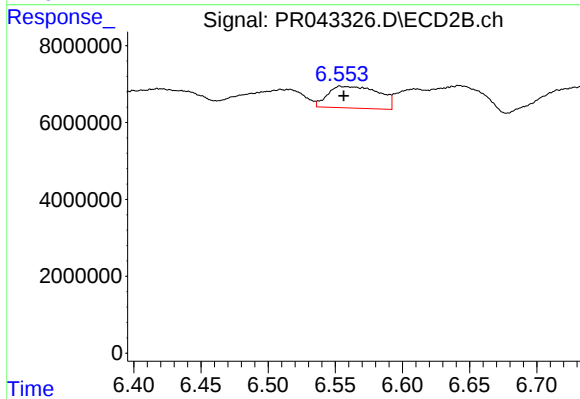
#30 AR-1254-5

R.T.: 7.110 min  
Delta R.T.: 0.037 min  
Response: 6855059  
Conc: 8.29 ng/ml



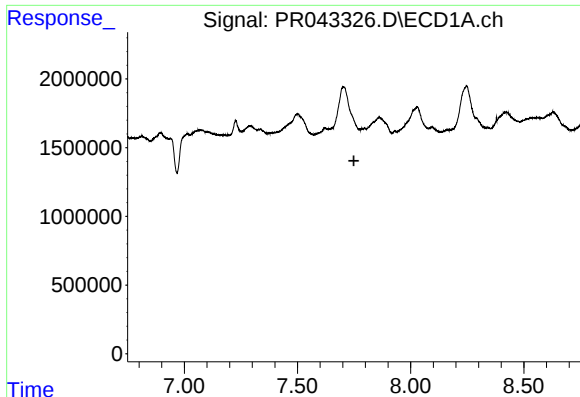
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 7.494 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

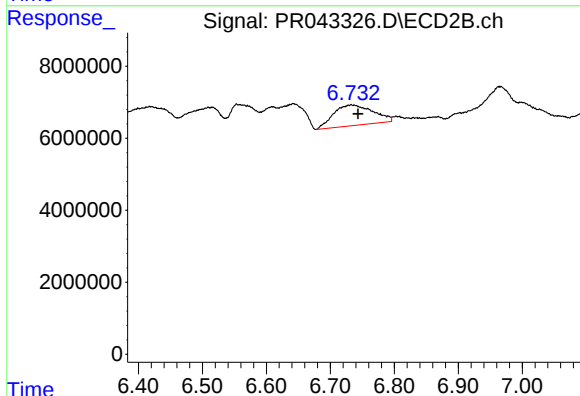
R.T.: 6.554 min  
Delta R.T.: -0.002 min  
Response: 14909251  
Conc: 22.76 ng/ml



#32 AR-1260-2

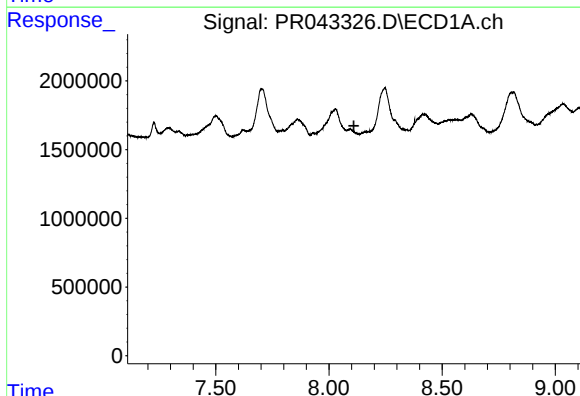
R.T.: 0.000 min  
Exp R.T.: 7.749 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



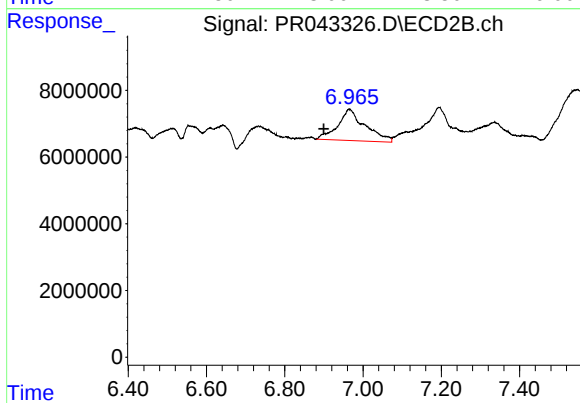
#32 AR-1260-2

R.T.: 6.733 min  
Delta R.T.: -0.011 min  
Response: 24772095  
Conc: 27.13 ng/ml



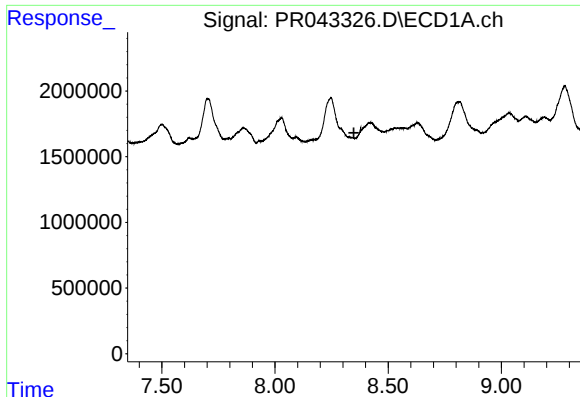
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 8.110 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

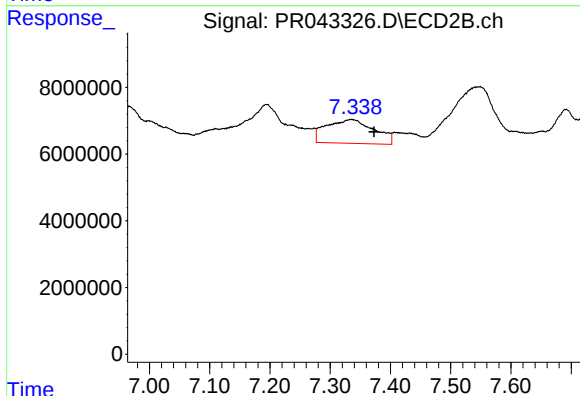
R.T.: 6.966 min  
Delta R.T.: 0.067 min  
Response: 45711237  
Conc: 59.61 ng/ml



#34 AR-1260-4

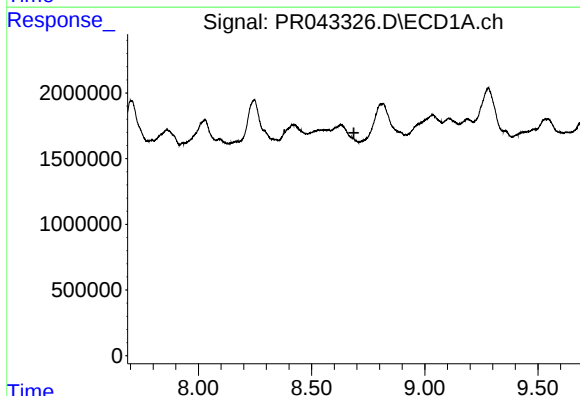
R.T.: 0.000 min  
Exp R.T.: 8.348 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



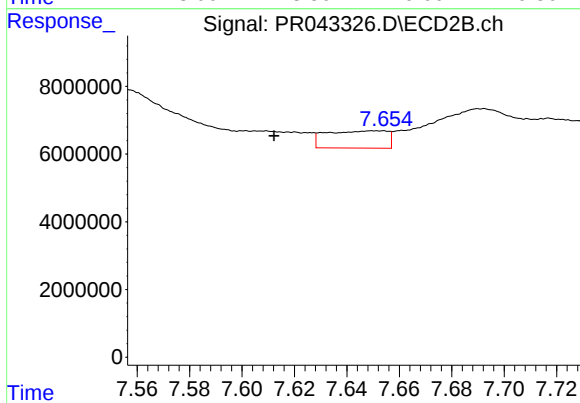
#34 AR-1260-4

R.T.: 7.335 min  
Delta R.T.: -0.038 min  
Response: 39453798  
Conc: 62.36 ng/ml



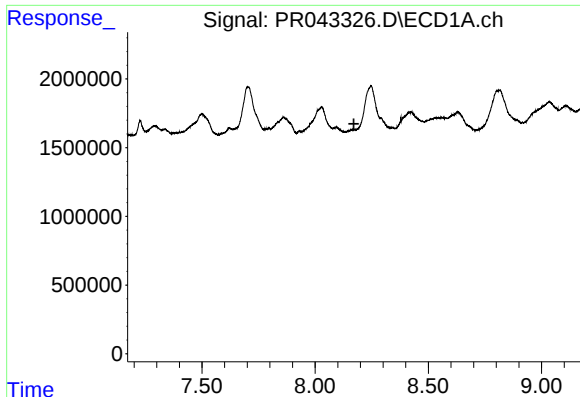
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.687 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

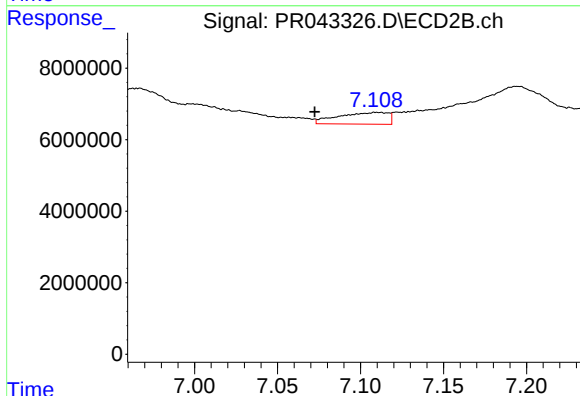
R.T.: 7.651 min  
Delta R.T.: 0.039 min  
Response: 8263246  
Conc: 4.68 ng/ml



#36 AR-1262-1

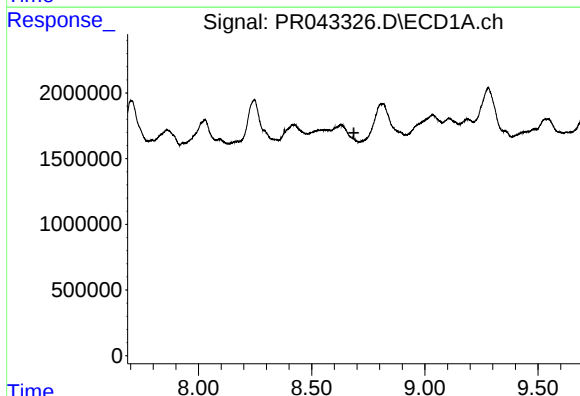
R.T.: 0.000 min  
Exp R.T.: 8.171 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



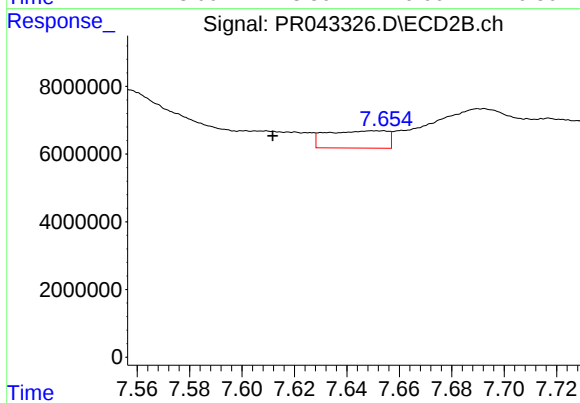
#36 AR-1262-1

R.T.: 7.110 min  
Delta R.T.: 0.038 min  
Response: 6855059  
Conc: 14.55 ng/ml



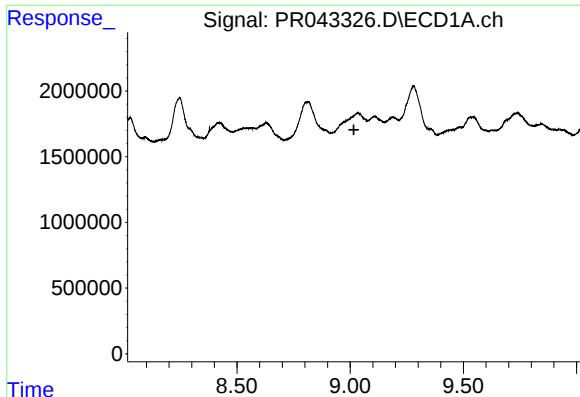
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.686 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

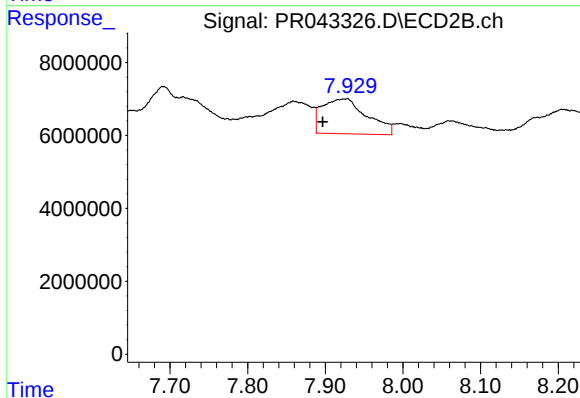
R.T.: 7.651 min  
Delta R.T.: 0.039 min  
Response: 8263246  
Conc: 4.29 ng/ml



#38 AR-1262-3

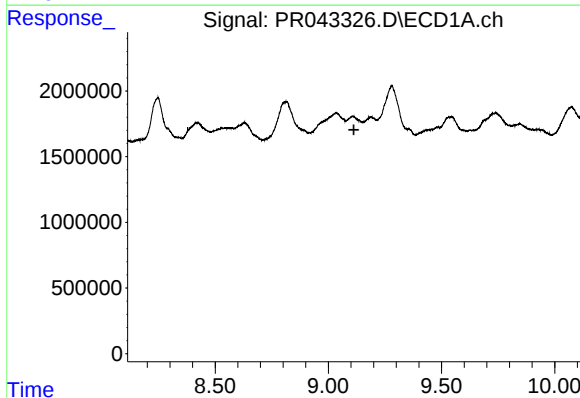
R.T.: 0.000 min  
Exp R.T.: 9.016 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



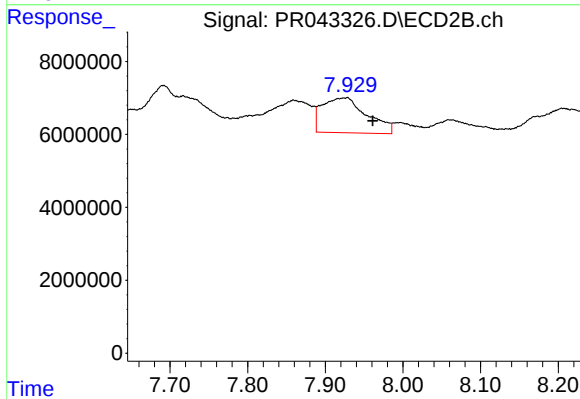
#38 AR-1262-3

R.T.: 7.928 min  
Delta R.T.: 0.031 min  
Response: 38448093  
Conc: 51.84 ng/ml



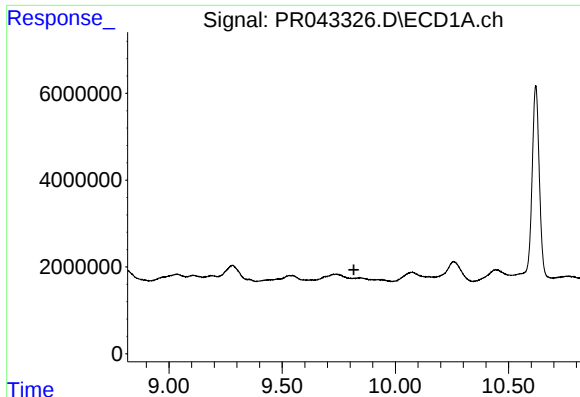
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 9.113 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

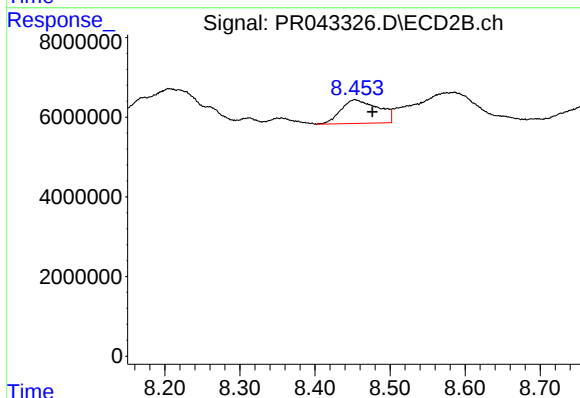
R.T.: 7.928 min  
Delta R.T.: -0.033 min  
Response: 38448093  
Conc: 29.79 ng/ml



#40 AR-1262-5

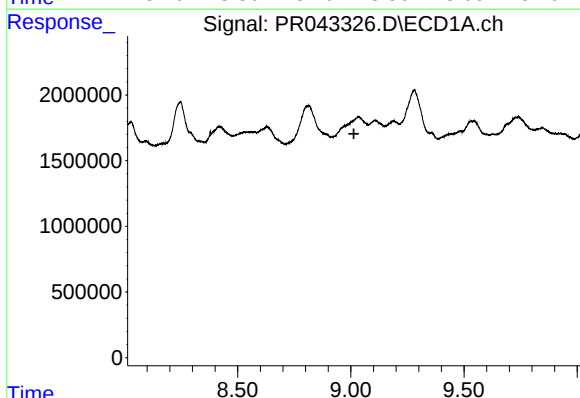
R.T.: 0.000 min  
Exp R.T.: 9.817 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



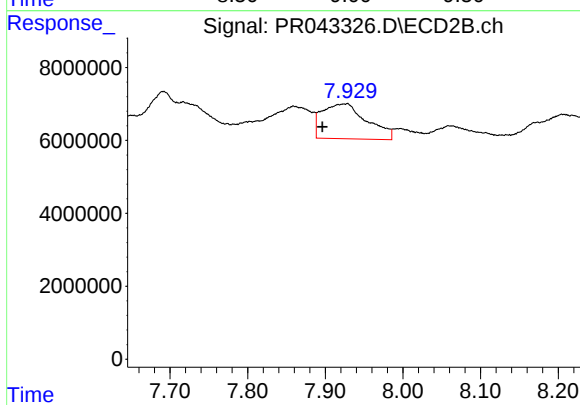
#40 AR-1262-5

R.T.: 8.453 min  
Delta R.T.: -0.023 min  
Response: 20627095  
Conc: 34.93 ng/ml



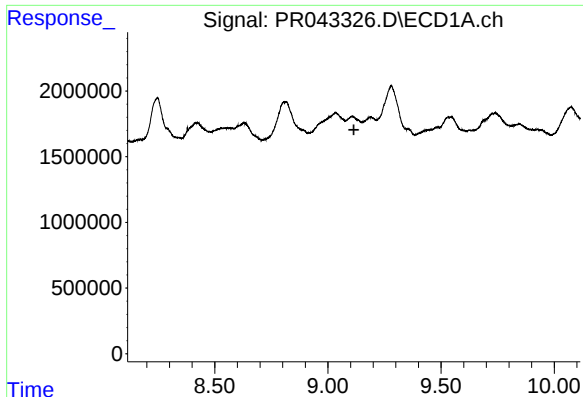
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 9.013 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

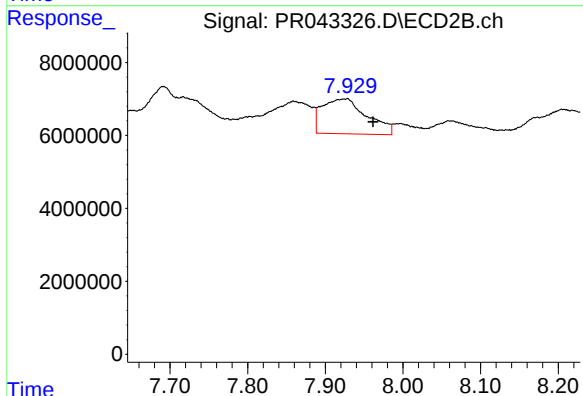
R.T.: 7.928 min  
Delta R.T.: 0.032 min  
Response: 38448093  
Conc: 17.35 ng/ml



#42 AR-1268-2

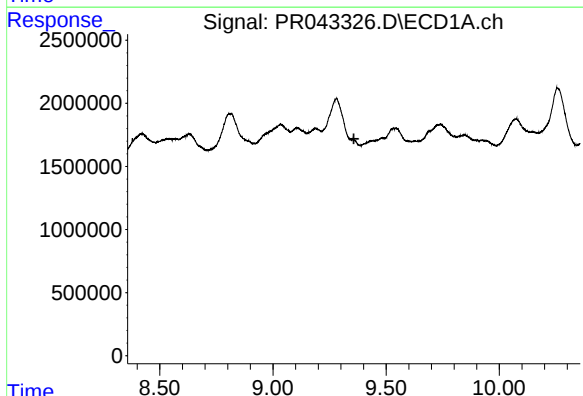
R.T.: 0.000 min  
Exp R.T.: 9.115 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



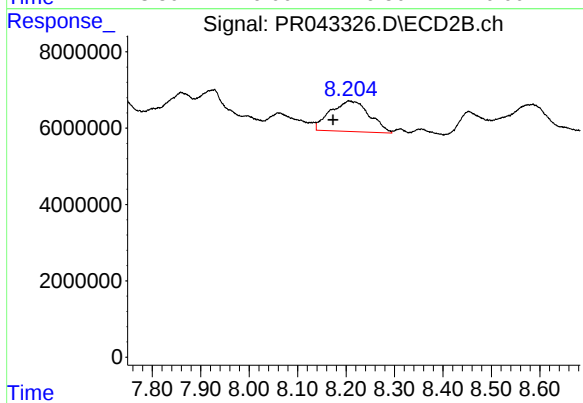
#42 AR-1268-2

R.T.: 7.928 min  
Delta R.T.: -0.034 min  
Response: 38448093  
Conc: 19.69 ng/ml



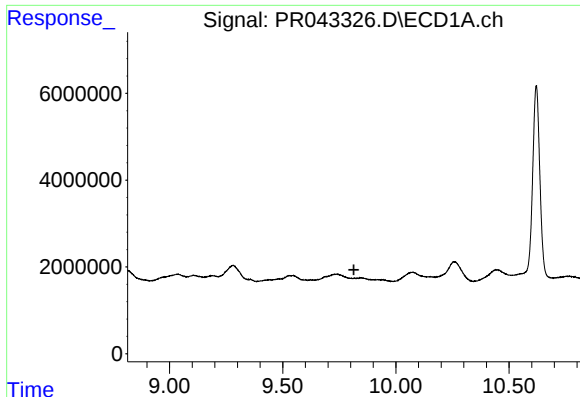
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 9.357 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

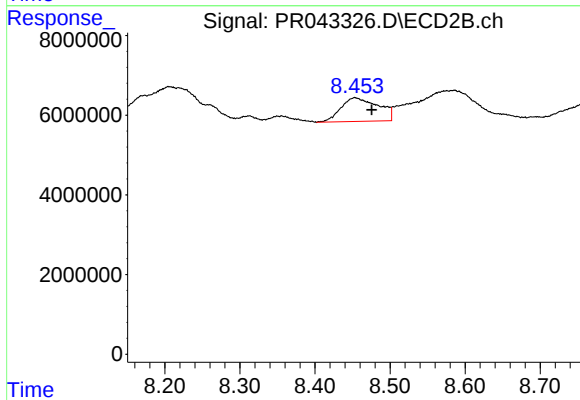
R.T.: 8.206 min  
Delta R.T.: 0.032 min  
Response: 44752599  
Conc: 26.99 ng/ml



#44 AR-1268-4

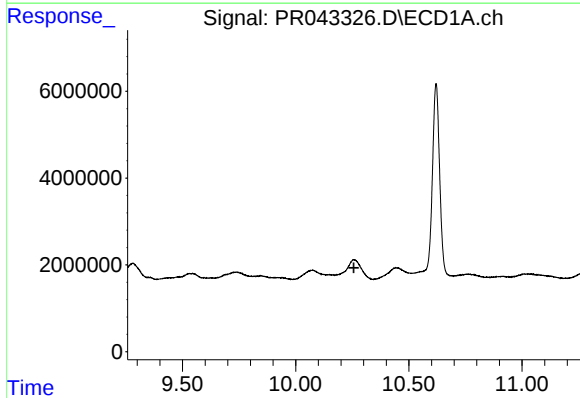
R.T.: 0.000 min  
Exp R.T.: 9.815 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS0



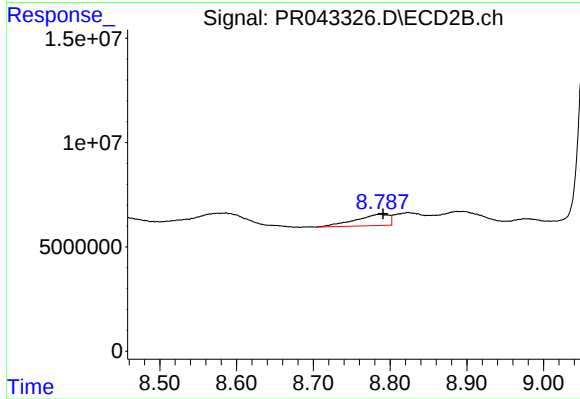
#44 AR-1268-4

R.T.: 8.453 min  
Delta R.T.: -0.023 min  
Response: 20627095  
Conc: 31.10 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.257 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.787 min  
Delta R.T.: -0.003 min  
Response: 16475674  
Conc: 3.50 ng/ml