

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR112019\  
 Data File : PR043325.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2019 21:01  
 Operator : SM\AJ  
 Sample : K5914-10  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 JLN9

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 21 01:03:07 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  | 86467671 | 286.1E6  | 15.407 | 14.808    |
| 2)                          | SA Decachlor... | 10.621 | 9.062  | 125.0E6  | 337.1E6  | 34.698 | 29.974    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.300f | 0        | 941634   | N.D.   | 2.480 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.300  | 0        | 941634   | N.D.   | 3.350 #   |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.529  | 0        | 1785432  | N.D.   | 5.630 #   |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.272  | 0        | 4014923  | N.D.   | 29.928 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.392f | 0        | 558461   | N.D.   | 1.224 #   |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.392f | 0        | 558461   | N.D.   | 1.415 #   |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.300f | 0        | 941634   | N.D.   | 5.449 #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.300f | 0        | 941634   | N.D.   | 7.047 #   |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.529  | 0        | 1785432  | N.D.   | 13.102 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.300f | 0        | 941634   | N.D.   | 3.224 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.300f | 0        | 941634   | N.D.   | 3.736 #   |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.877  | 0        | 1929366  | N.D.   | 6.493 #   |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.300  | 0        | 941634   | N.D.   | 2.450 #   |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.300f | 0        | 941634   | N.D.   | 2.490 #   |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.529  | 0        | 1785432  | N.D.   | 4.286 #   |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.909  | 0        | 2047592  | N.D.   | 4.648 #   |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.877  | 0        | 1929366  | N.D.   | 3.090 #   |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.015  | 0        | 2253736  | N.D.   | 4.012 #   |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.432  | 0        | 33201508 | N.D.   | 33.996 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.646  | 0        | 78281363 | N.D.   | 109.543 # |
| 30)                         | L6 AR-1254-5    | 0.000  | 7.067  | 0        | 33156430 | N.D.   | 40.097 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.563  | 0        | 39066273 | N.D.   | 59.647 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.739  | 0        | 96755006 | N.D.   | 105.954 # |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.897  | 0        | 35493966 | N.D.   | 46.284 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.371  | 0        | 13484014 | N.D.   | 21.311 #  |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.607  | 0        | 23659061 | N.D.   | 13.392 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.067  | 0        | 33156430 | N.D.   | 70.368 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.607  | 0        | 23659061 | N.D.   | 12.271 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.891  | 0        | 11137694 | N.D.   | 15.016 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.957  | 0        | 19418783 | N.D.   | 15.044 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.471  | 0        | 7717116  | N.D.   | 13.070 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.891  | 0        | 11137694 | N.D.   | 5.027 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.957  | 0        | 19418783 | N.D.   | 9.945 #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.168  | 0        | 11450245 | N.D.   | 6.907 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.471  | 0        | 7717116  | N.D.   | 11.636 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.786  | 0        | 11928672 | N.D.   | 2.533 #   |
| -----                       |                 |        |        |          |          |        |           |

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

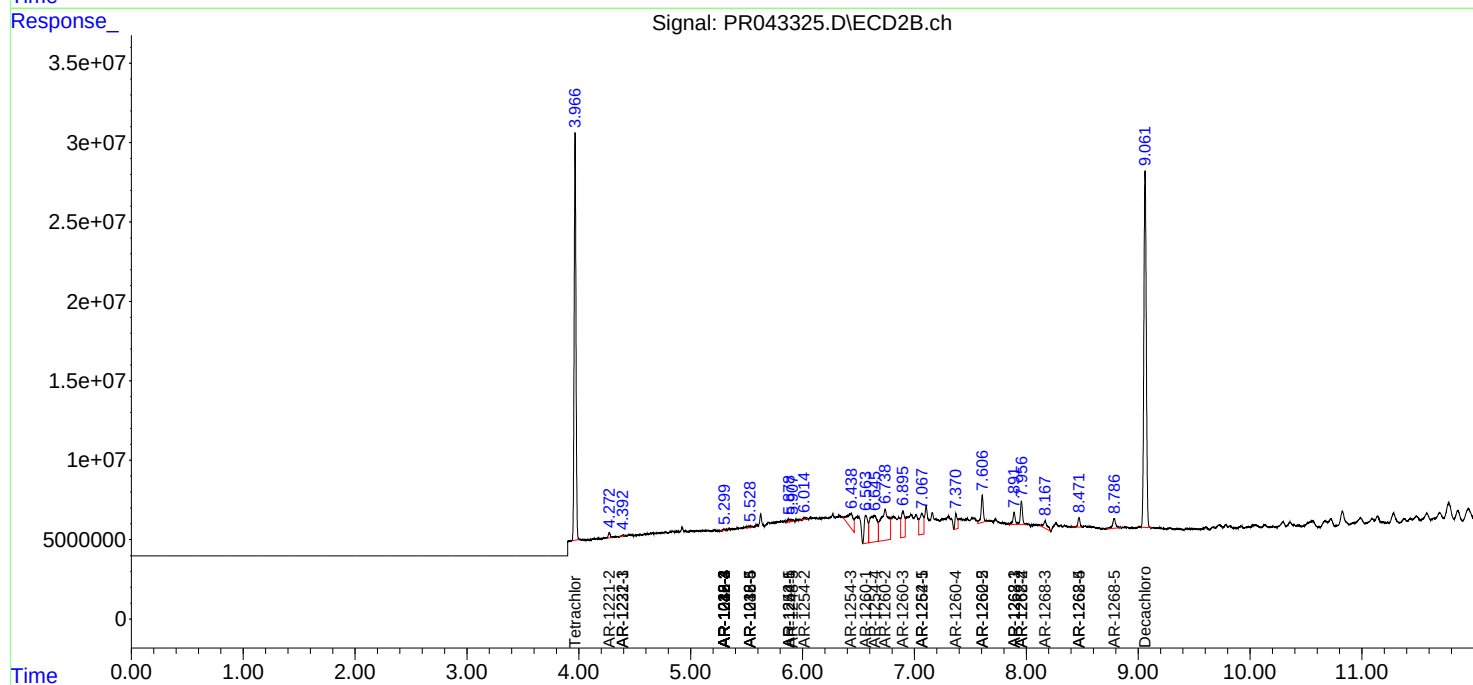
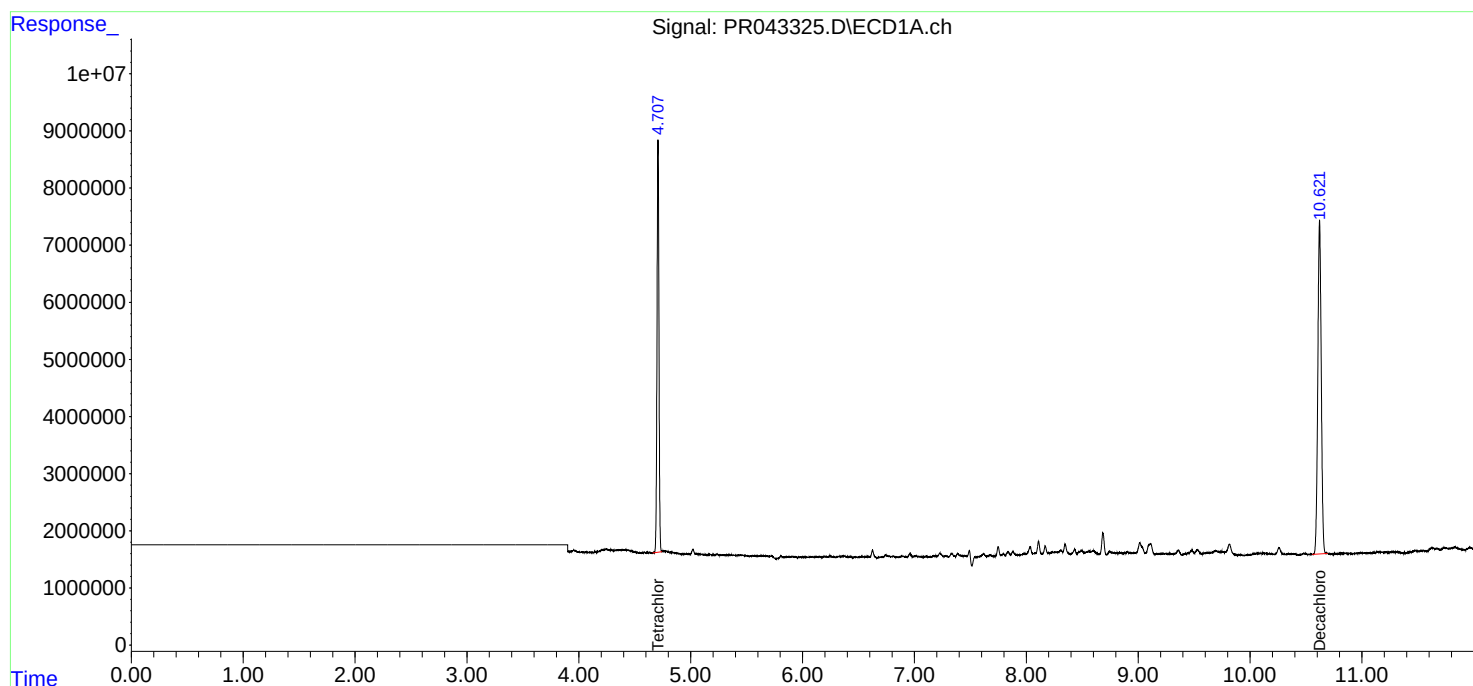
Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9

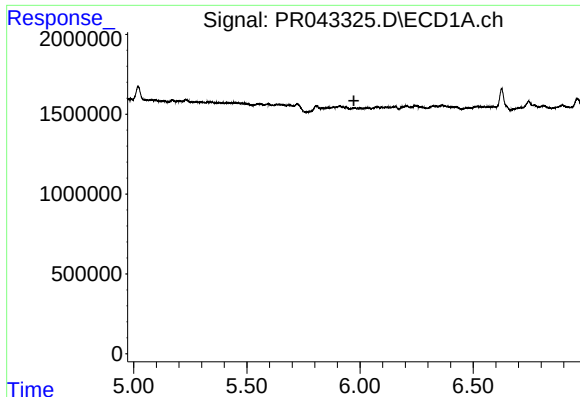
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR112019\  
Data File : PR043325.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2019 21:01  
Operator : SM\AJ  
Sample : K5914-10  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 21 01:03:07 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

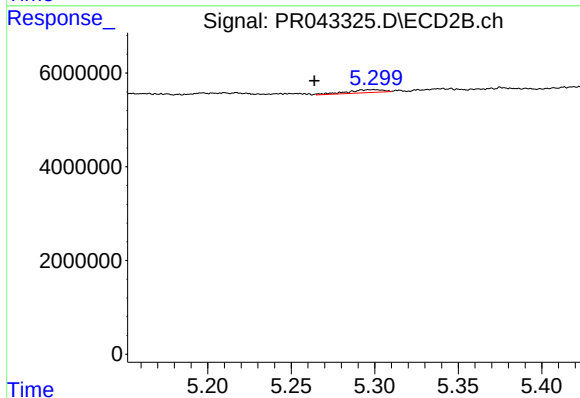




#5 AR-1016-3

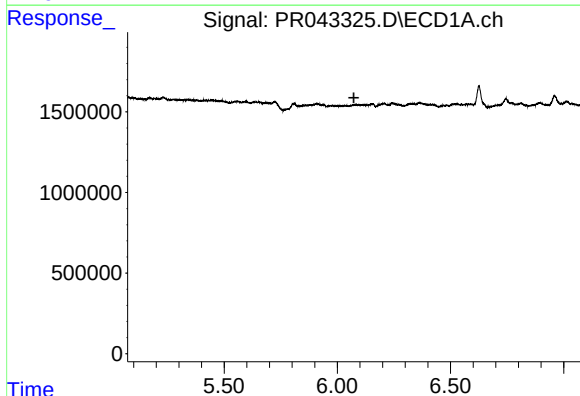
R.T.: 0.000 min  
Exp R.T.: 5.973 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



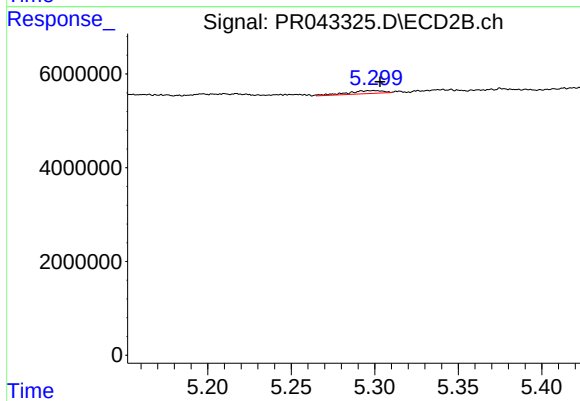
#5 AR-1016-3

R.T.: 5.300 min  
Delta R.T.: 0.036 min  
Response: 941634  
Conc: 2.48 ng/ml



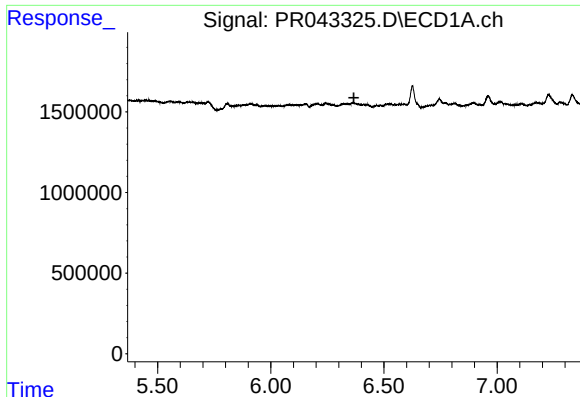
#6 AR-1016-4

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



#6 AR-1016-4

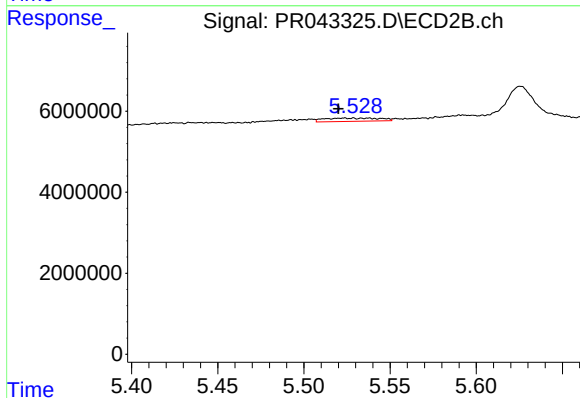
R.T.: 5.300 min  
Delta R.T.: -0.004 min  
Response: 941634  
Conc: 3.35 ng/ml



#7 AR-1016-5

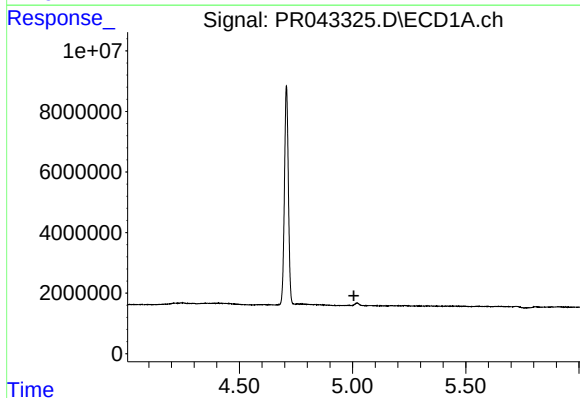
R.T.: 0.000 min  
Exp R.T. : 6.367 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



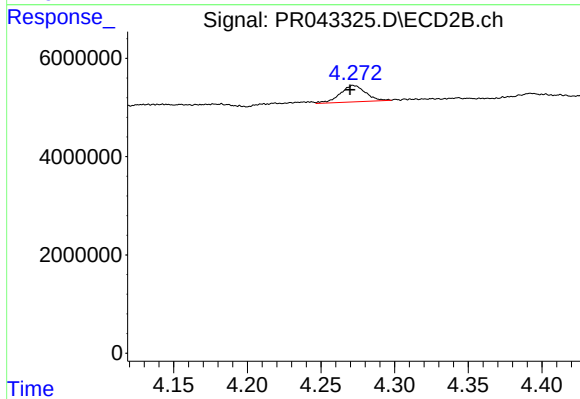
#7 AR-1016-5

R.T.: 5.529 min  
Delta R.T.: 0.009 min  
Response: 1785432  
Conc: 5.63 ng/ml



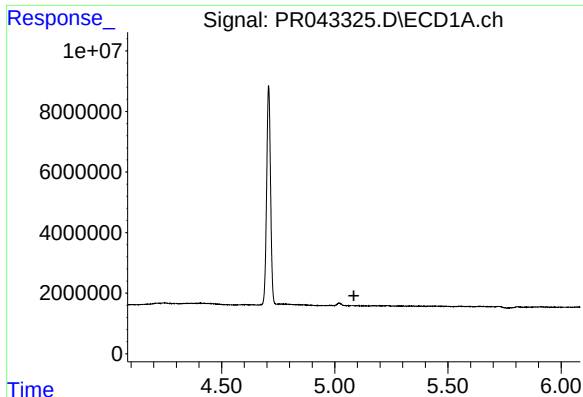
#9 AR-1221-2

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



#9 AR-1221-2

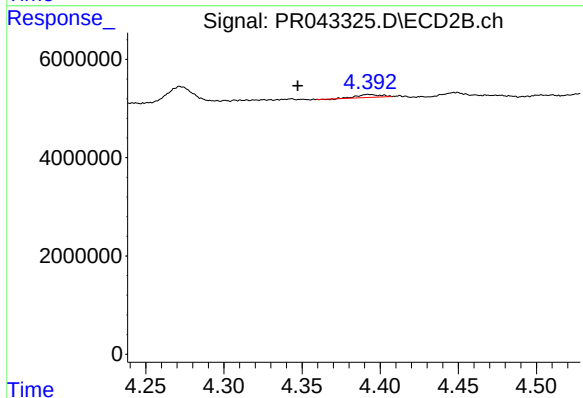
R.T.: 4.272 min  
Delta R.T.: 0.002 min  
Response: 4014923  
Conc: 29.93 ng/ml



#10 AR-1221-3

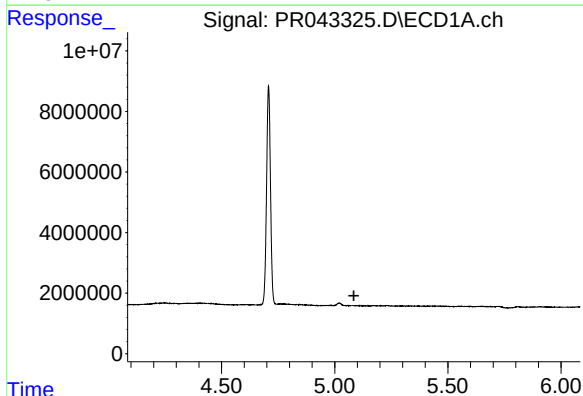
R.T.: 0.000 min  
Exp R.T.: 5.084 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



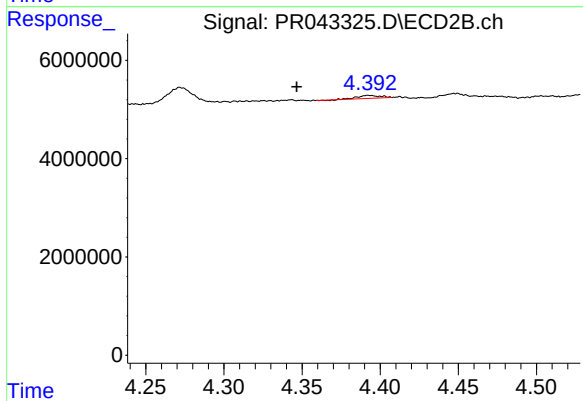
#10 AR-1221-3

R.T.: 4.392 min  
Delta R.T.: 0.045 min  
Response: 558461  
Conc: 1.22 ng/ml



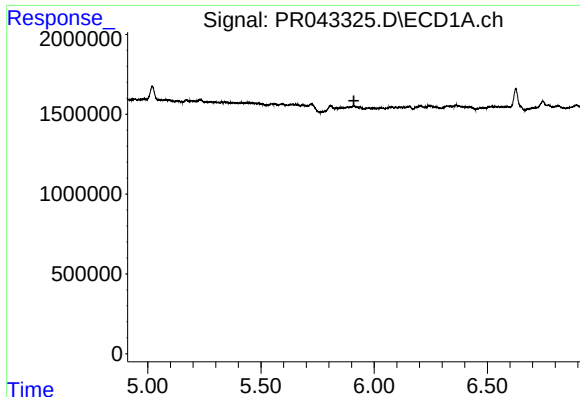
#11 AR-1232-1

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



#11 AR-1232-1

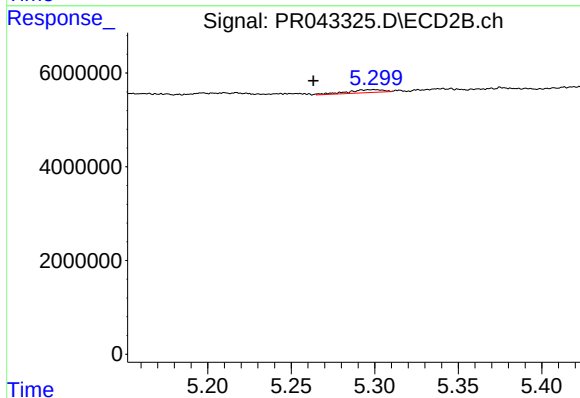
R.T.: 4.392 min  
Delta R.T.: 0.046 min  
Response: 558461  
Conc: 1.41 ng/ml



#13 AR-1232-3

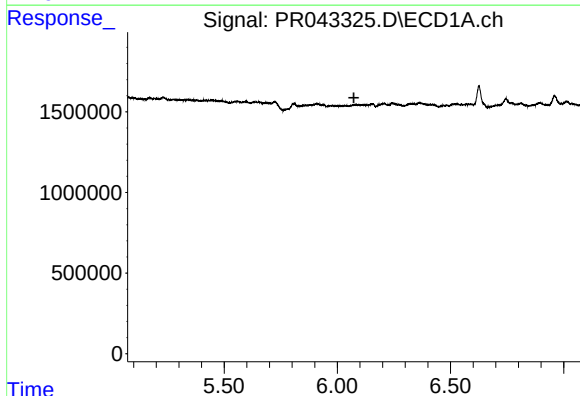
R.T.: 0.000 min  
Exp R.T.: 5.910 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



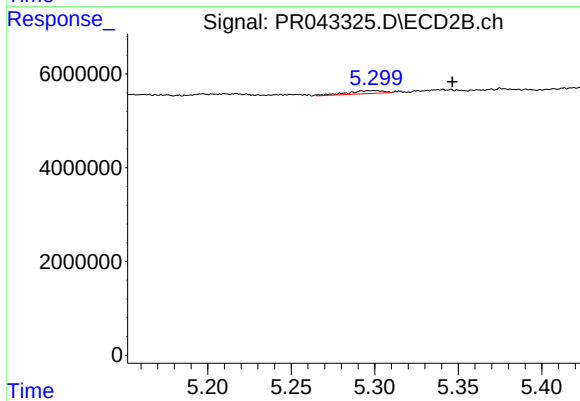
#13 AR-1232-3

R.T.: 5.300 min  
Delta R.T.: 0.036 min  
Response: 941634  
Conc: 5.45 ng/ml



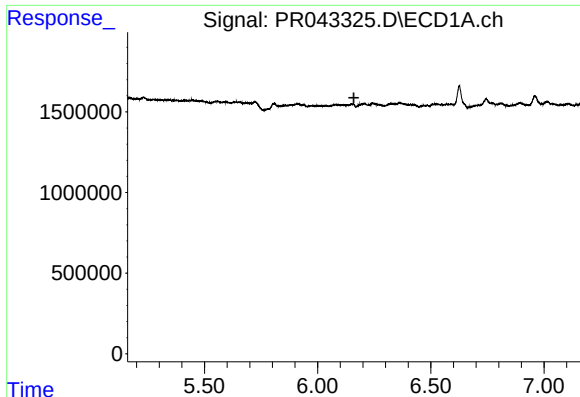
#14 AR-1232-4

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



#14 AR-1232-4

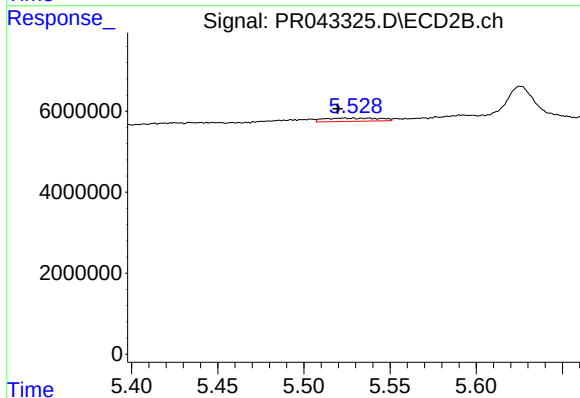
R.T.: 5.300 min  
Delta R.T.: -0.047 min  
Response: 941634  
Conc: 7.05 ng/ml



#15 AR-1232-5

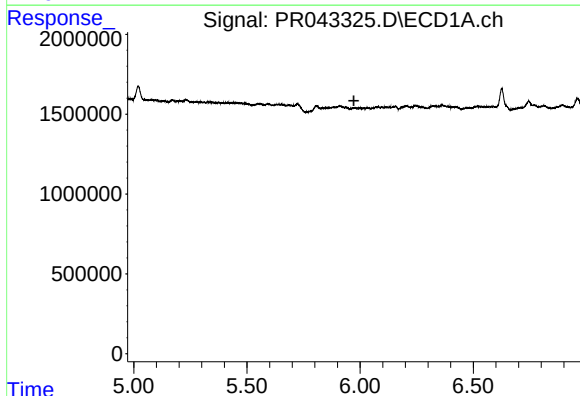
R.T.: 0.000 min  
Exp R.T.: 6.160 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



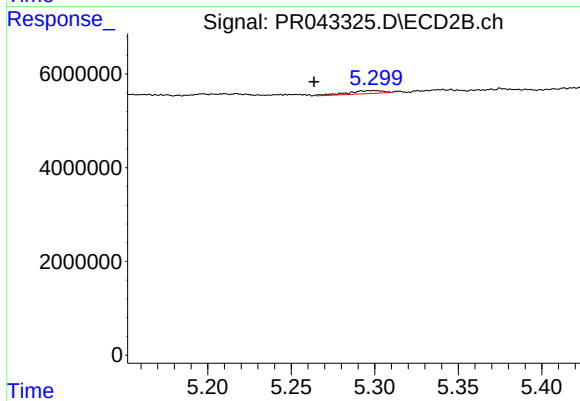
#15 AR-1232-5

R.T.: 5.529 min  
Delta R.T.: 0.009 min  
Response: 1785432  
Conc: 13.10 ng/ml



#18 AR-1242-3

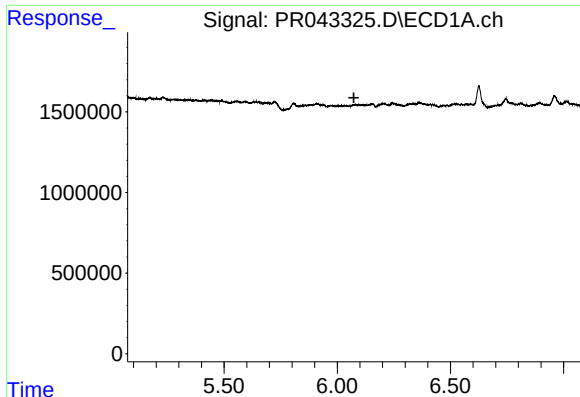
R.T.: 0.000 min  
Exp R.T.: 5.973 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

R.T.: 5.300 min  
Delta R.T.: 0.036 min  
Response: 941634  
Conc: 3.22 ng/ml

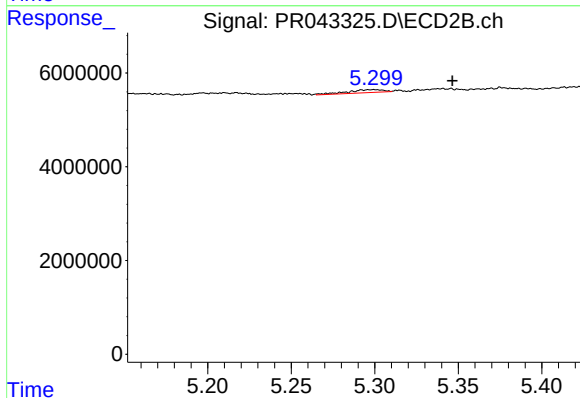




#19 AR-1242-4

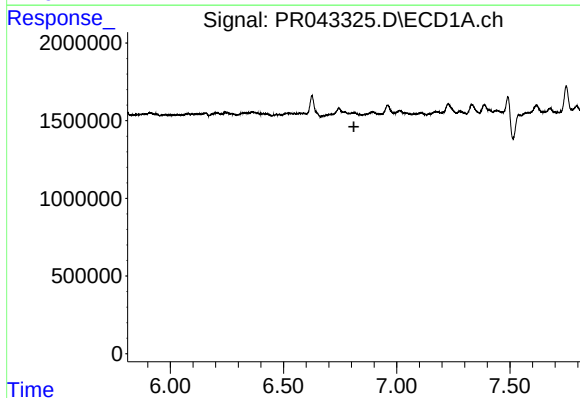
R.T.: 0.000 min  
Exp R.T.: 6.074 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



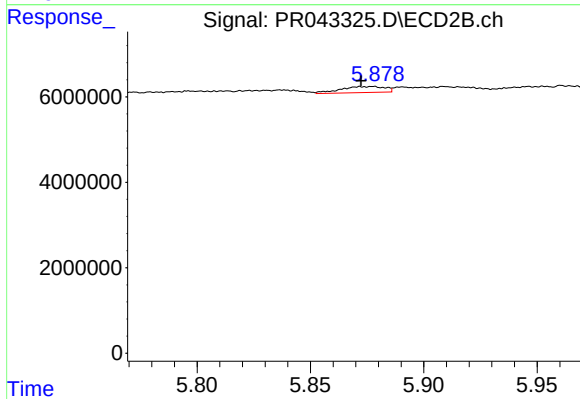
#19 AR-1242-4

R.T.: 5.300 min  
Delta R.T.: -0.047 min  
Response: 941634  
Conc: 3.74 ng/ml



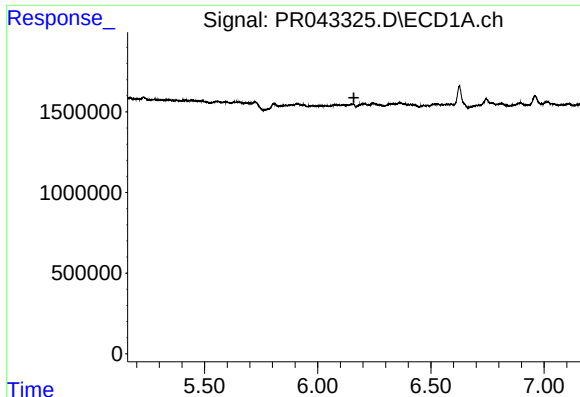
#20 AR-1242-5

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



#20 AR-1242-5

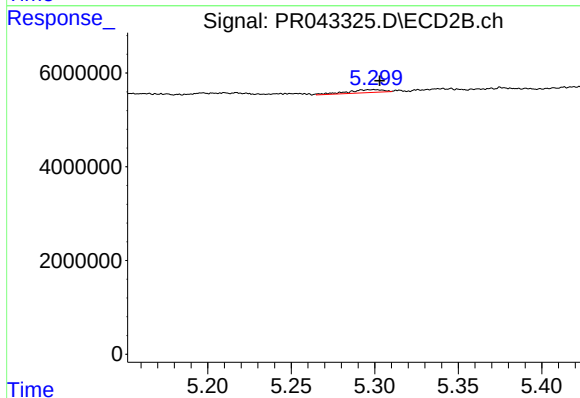
R.T.: 5.877 min  
Delta R.T.: 0.005 min  
Response: 1929366  
Conc: 6.49 ng/ml



#22 AR-1248-2

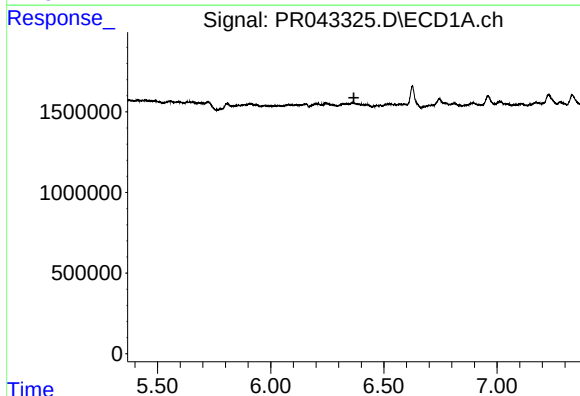
R.T.: 0.000 min  
Exp R.T.: 6.160 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



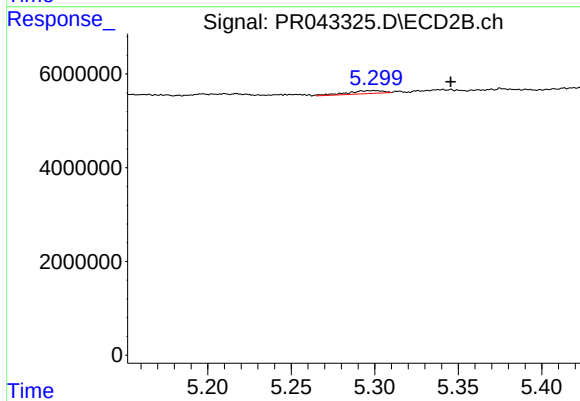
#22 AR-1248-2

R.T.: 5.300 min  
Delta R.T.: -0.003 min  
Response: 941634  
Conc: 2.45 ng/ml



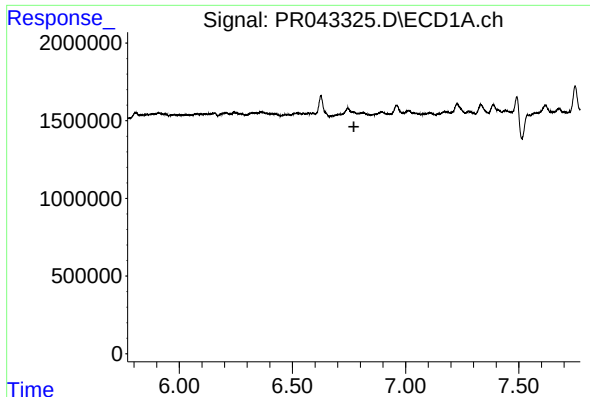
#23 AR-1248-3

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



#23 AR-1248-3

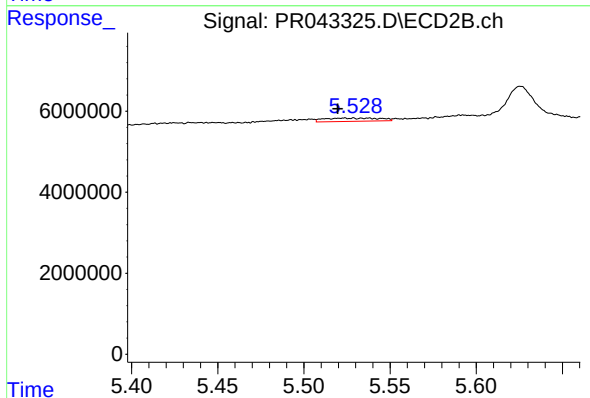
R.T.: 5.300 min  
Delta R.T.: -0.046 min  
Response: 941634  
Conc: 2.49 ng/ml



#24 AR-1248-4

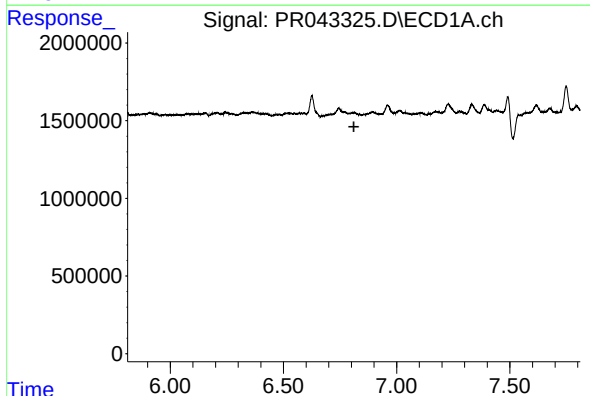
R.T.: 0.000 min  
Exp R.T.: 6.772 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



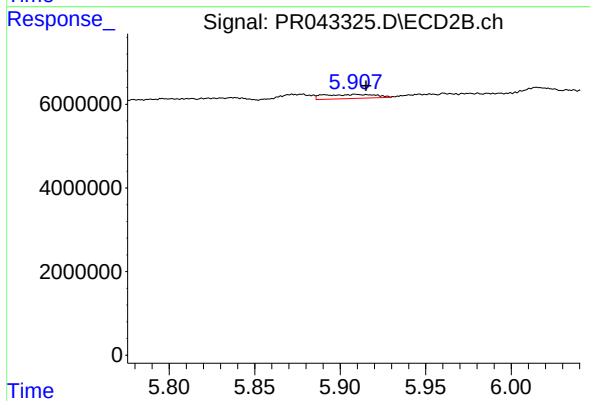
#24 AR-1248-4

R.T.: 5.529 min  
Delta R.T.: 0.009 min  
Response: 1785432  
Conc: 4.29 ng/ml



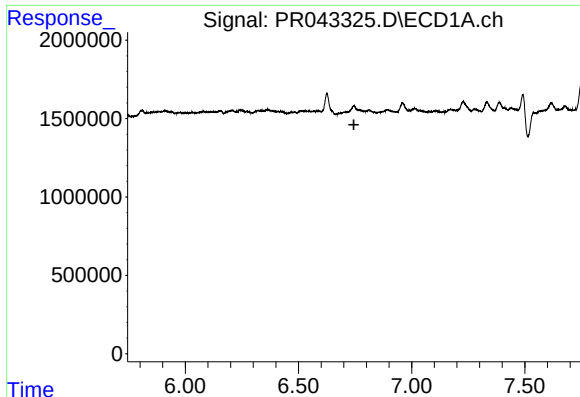
#25 AR-1248-5

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



#25 AR-1248-5

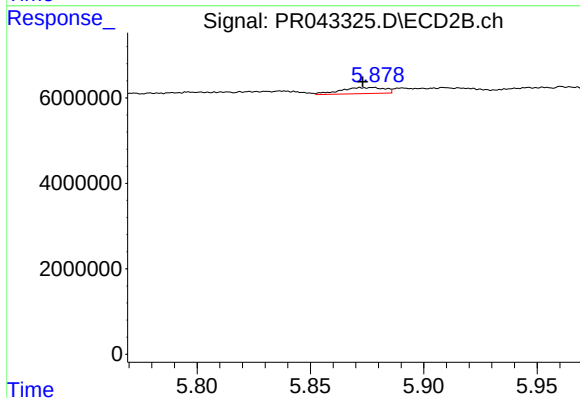
R.T.: 5.909 min  
Delta R.T.: -0.006 min  
Response: 2047592  
Conc: 4.65 ng/ml



#26 AR-1254-1

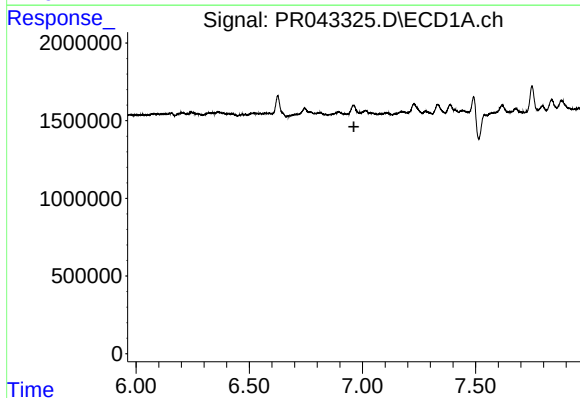
R.T.: 0.000 min  
Exp R.T.: 6.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



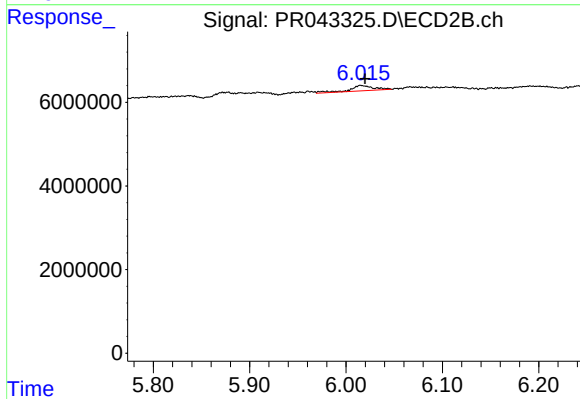
#26 AR-1254-1

R.T.: 5.877 min  
Delta R.T.: 0.004 min  
Response: 1929366  
Conc: 3.09 ng/ml



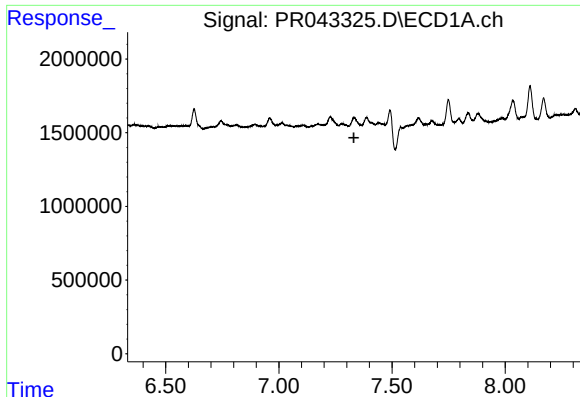
#27 AR-1254-2

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



#27 AR-1254-2

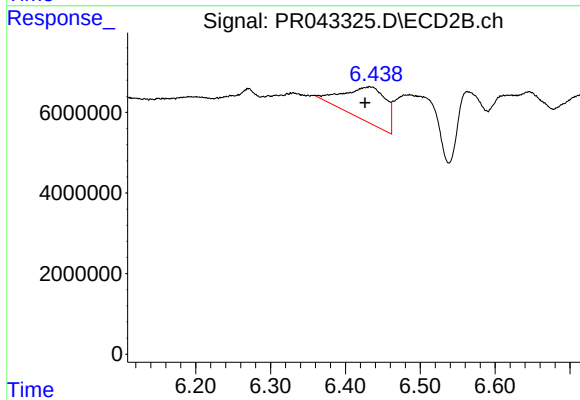
R.T.: 6.015 min  
Delta R.T.: -0.005 min  
Response: 2253736  
Conc: 4.01 ng/ml



#28 AR-1254-3

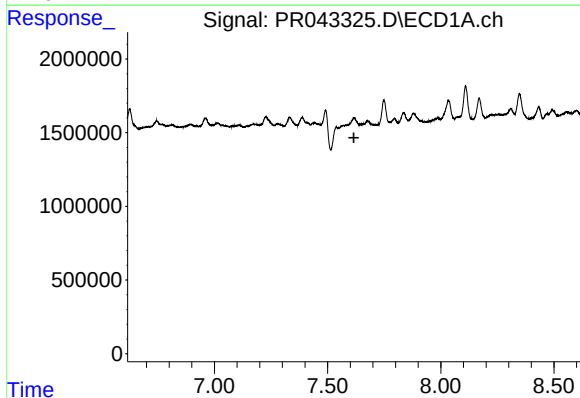
R.T.: 0.000 min  
Exp R.T.: 7.332 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



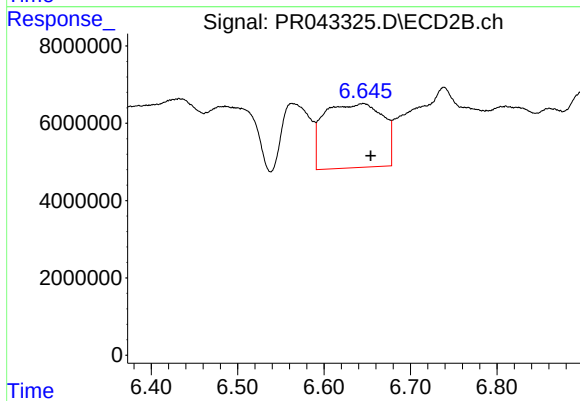
#28 AR-1254-3

R.T.: 6.432 min  
Delta R.T.: 0.006 min  
Response: 33201508  
Conc: 34.00 ng/ml



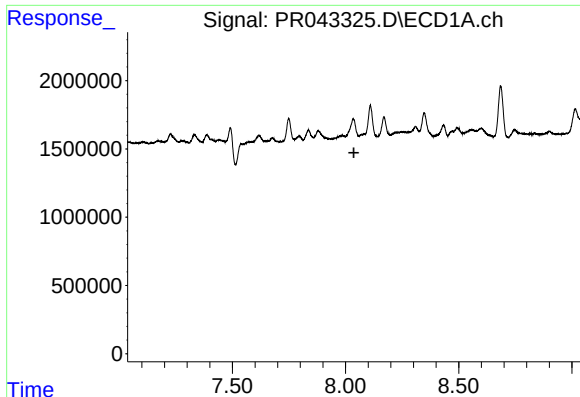
#29 AR-1254-4

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



#29 AR-1254-4

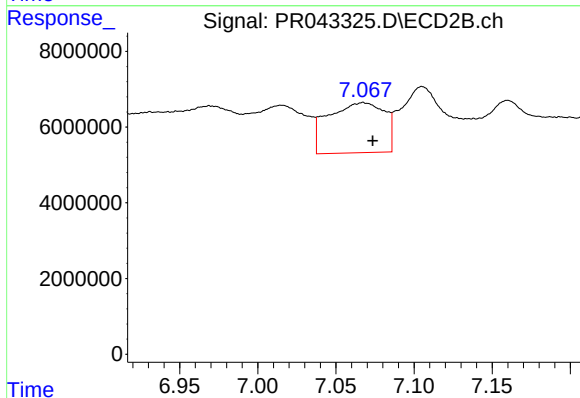
R.T.: 6.646 min  
Delta R.T.: -0.008 min  
Response: 78281363  
Conc: 109.54 ng/ml



#30 AR-1254-5

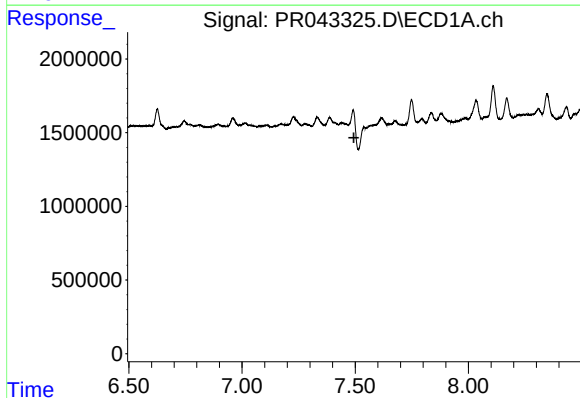
R.T.: 0.000 min  
Exp R.T.: 8.037 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



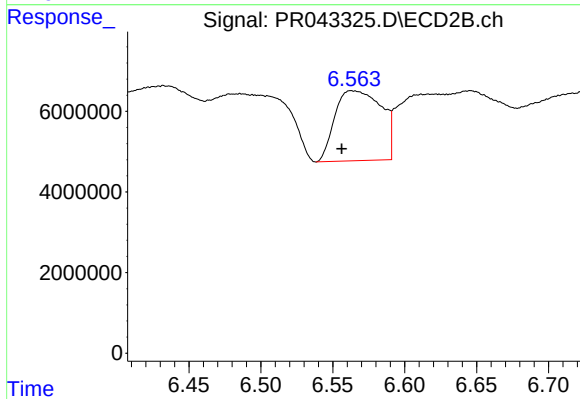
#30 AR-1254-5

R.T.: 7.067 min  
Delta R.T.: -0.006 min  
Response: 33156430  
Conc: 40.10 ng/ml



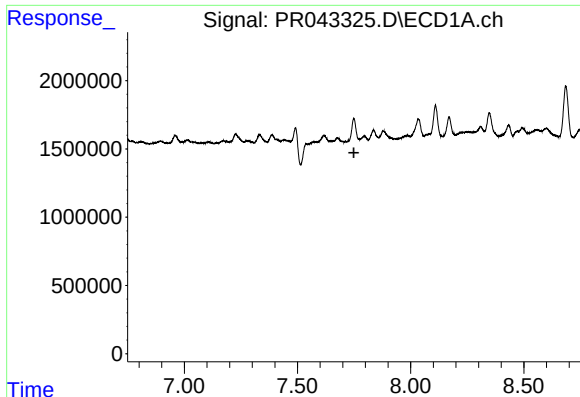
#31 AR-1260-1

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



#31 AR-1260-1

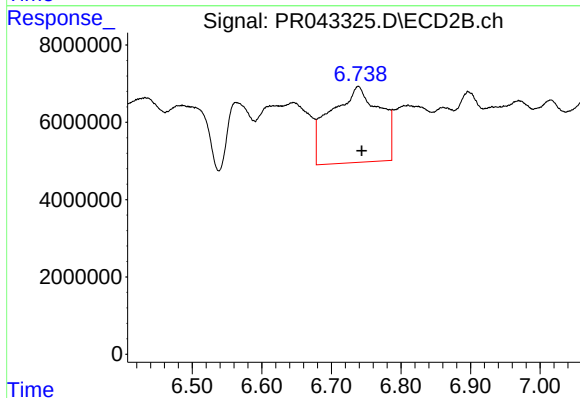
R.T.: 6.563 min  
Delta R.T.: 0.007 min  
Response: 39066273  
Conc: 59.65 ng/ml



#32 AR-1260-2

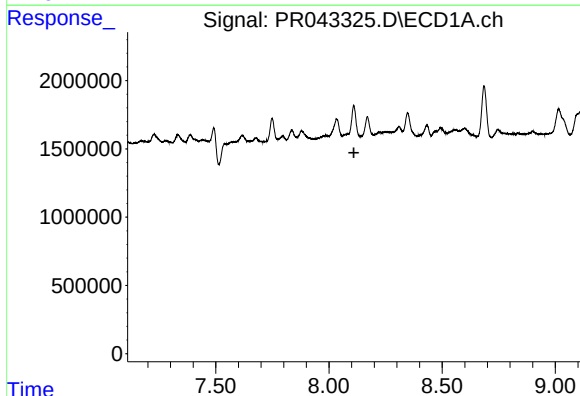
R.T.: 0.000 min  
Exp R.T.: 7.749 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



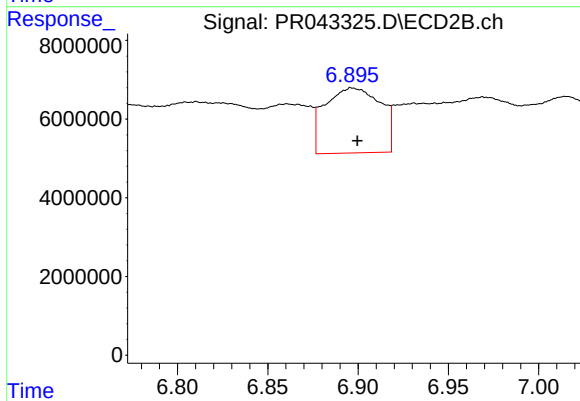
#32 AR-1260-2

R.T.: 6.739 min  
Delta R.T.: -0.005 min  
Response: 96755006  
Conc: 105.95 ng/ml



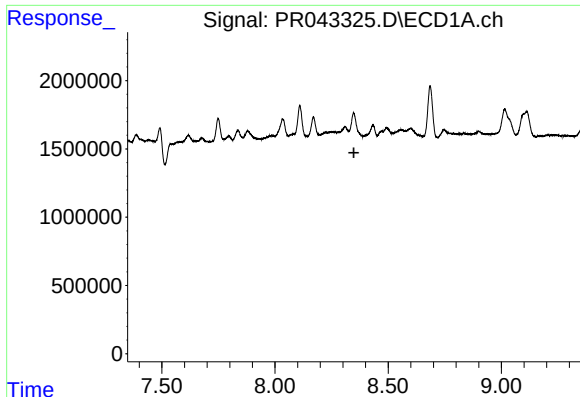
#33 AR-1260-3

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



#33 AR-1260-3

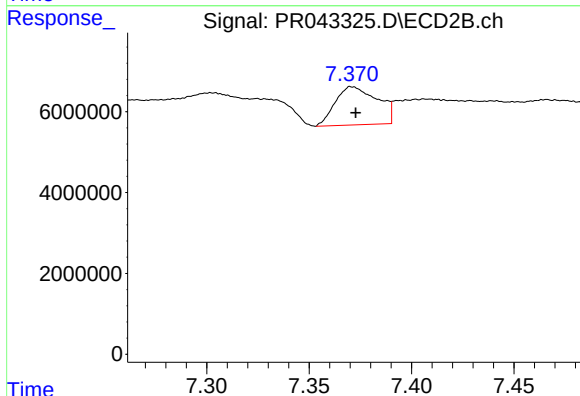
R.T.: 6.897 min  
Delta R.T.: -0.003 min  
Response: 35493966  
Conc: 46.28 ng/ml



#34 AR-1260-4

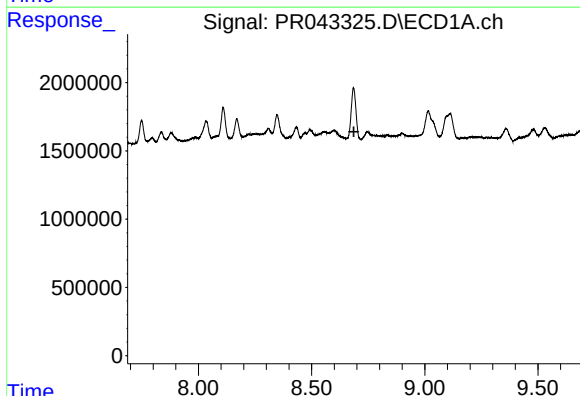
R.T.: 0.000 min  
Exp R.T.: 8.348 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



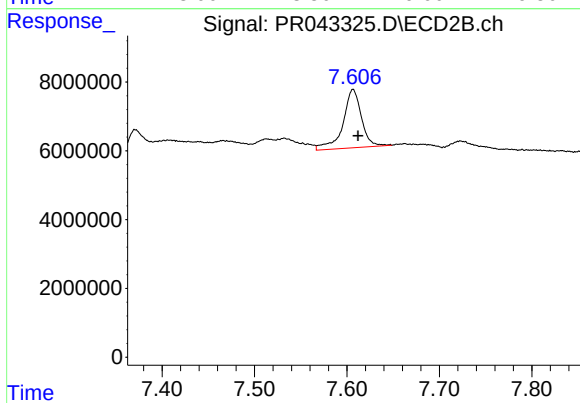
#34 AR-1260-4

R.T.: 7.371 min  
Delta R.T.: -0.002 min  
Response: 13484014  
Conc: 21.31 ng/ml



#35 AR-1260-5

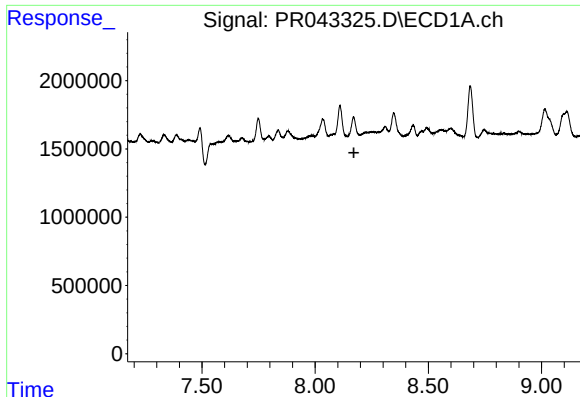
R.T.: 0.000 min  
Exp R.T.: 8.687 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

R.T.: 7.607 min  
Delta R.T.: -0.006 min  
Response: 23659061  
Conc: 13.39 ng/ml

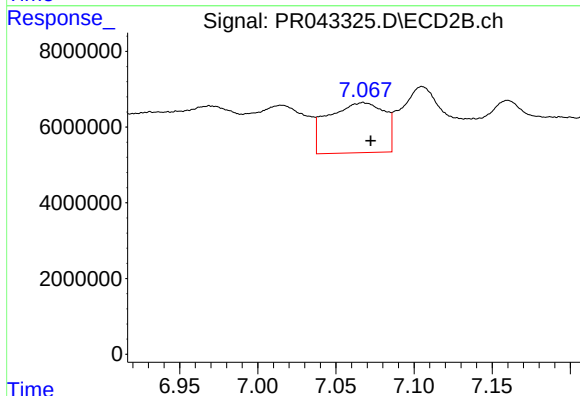




#36 AR-1262-1

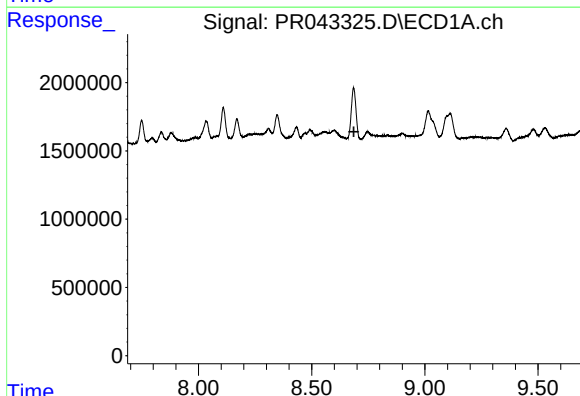
R.T.: 0.000 min  
Exp R.T. : 8.171 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



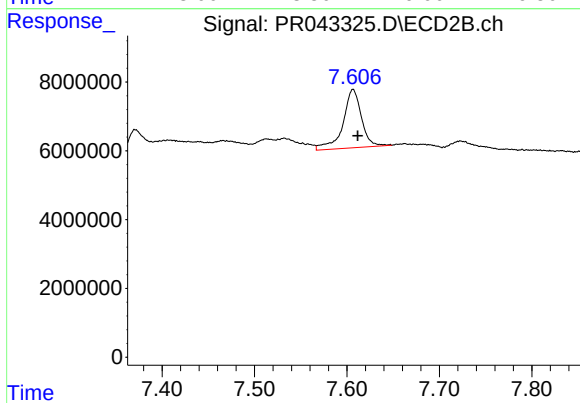
#36 AR-1262-1

R.T.: 7.067 min  
Delta R.T.: -0.005 min  
Response: 33156430  
Conc: 70.37 ng/ml



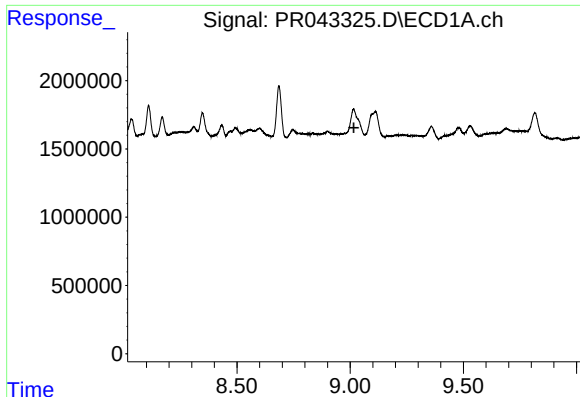
#37 AR-1262-2

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



#37 AR-1262-2

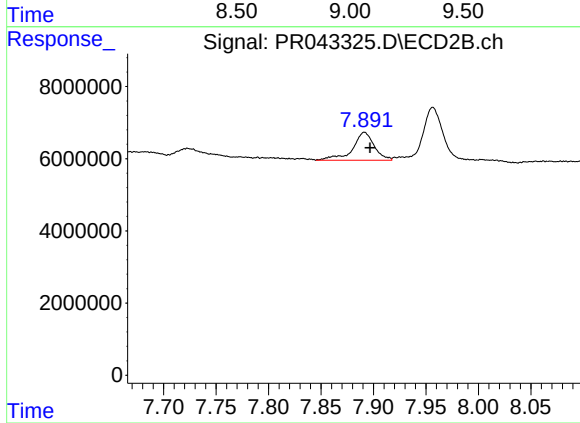
R.T.: 7.607 min  
Delta R.T.: -0.005 min  
Response: 23659061  
Conc: 12.27 ng/ml



#38 AR-1262-3

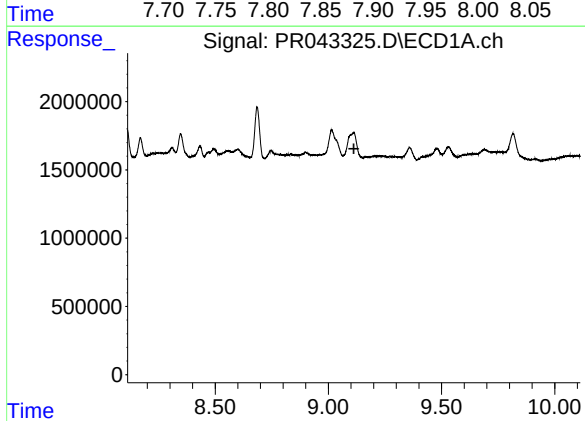
R.T.: 0.000 min  
Exp R.T. : 9.016 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



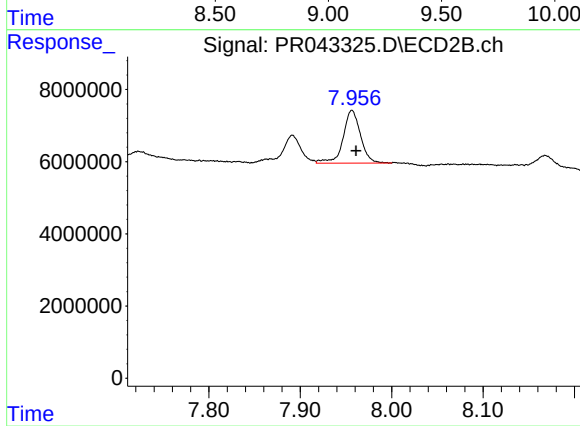
#38 AR-1262-3

R.T.: 7.891 min  
Delta R.T.: -0.005 min  
Response: 11137694  
Conc: 15.02 ng/ml



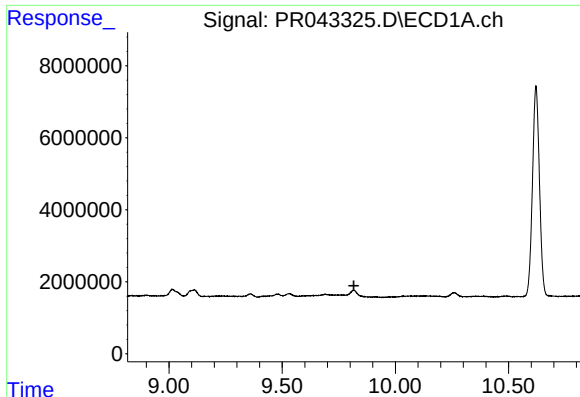
#39 AR-1262-4

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



#39 AR-1262-4

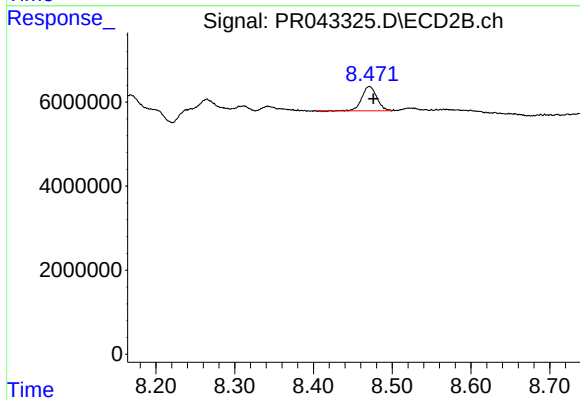
R.T.: 7.957 min  
Delta R.T.: -0.005 min  
Response: 19418783  
Conc: 15.04 ng/ml



#40 AR-1262-5

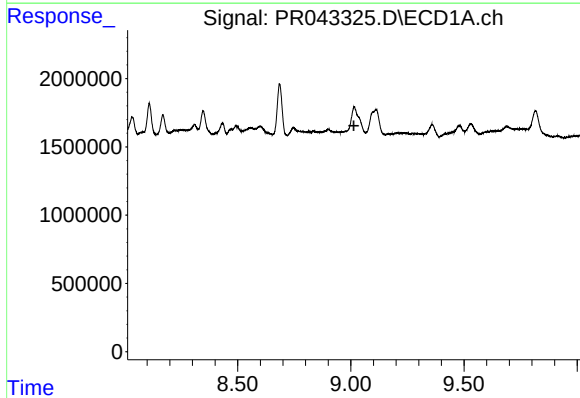
R.T.: 0.000 min  
Exp R.T.: 9.817 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



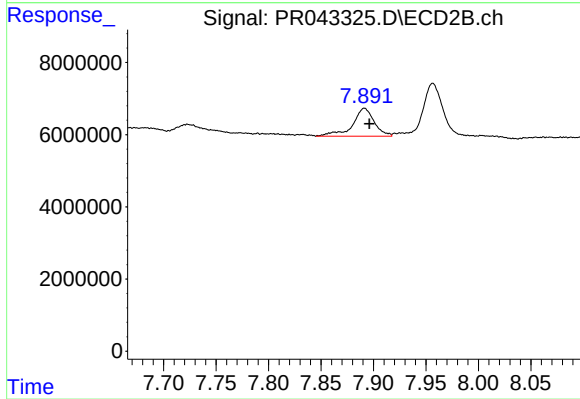
#40 AR-1262-5

R.T.: 8.471 min  
Delta R.T.: -0.005 min  
Response: 7717116  
Conc: 13.07 ng/ml



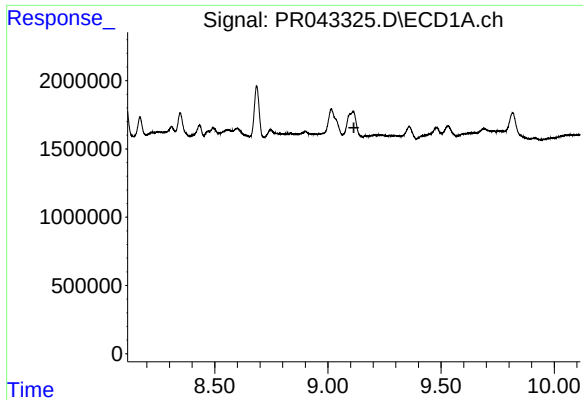
#41 AR-1268-1

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



#41 AR-1268-1

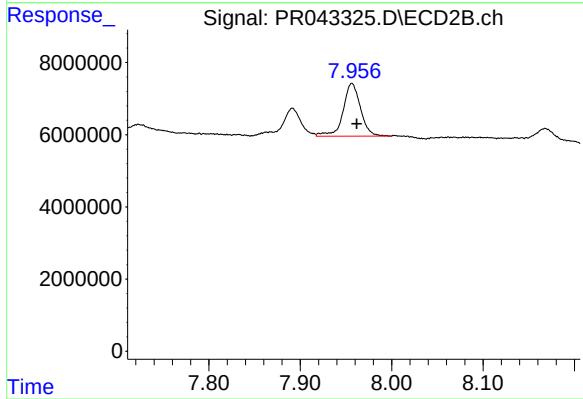
R.T.: 7.891 min  
Delta R.T.: -0.005 min  
Response: 11137694  
Conc: 5.03 ng/ml



#42 AR-1268-2

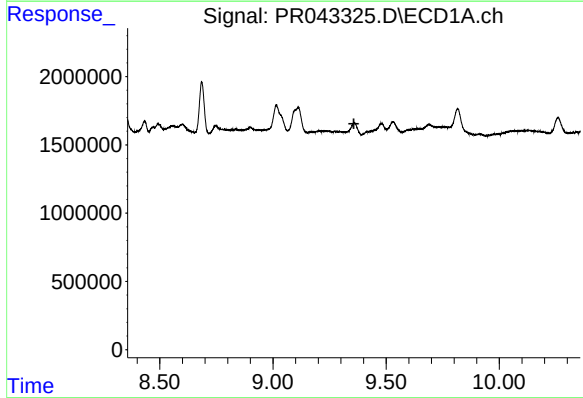
R.T.: 0.000 min  
Exp R.T.: 9.115 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



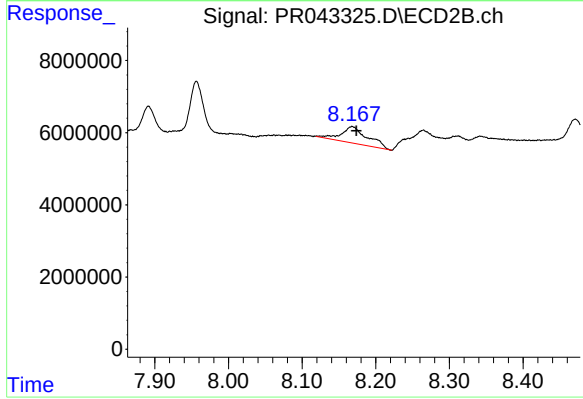
#42 AR-1268-2

R.T.: 7.957 min  
Delta R.T.: -0.005 min  
Response: 19418783  
Conc: 9.95 ng/ml



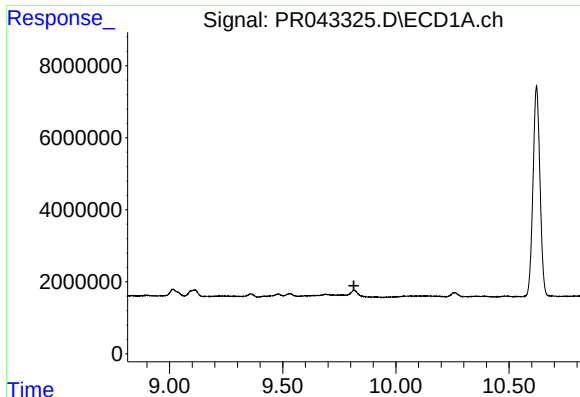
#43 AR-1268-3

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



#43 AR-1268-3

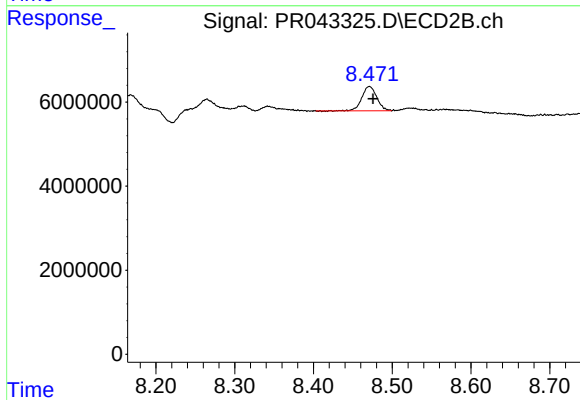
R.T.: 8.168 min  
Delta R.T.: -0.006 min  
Response: 11450245  
Conc: 6.91 ng/ml



#44 AR-1268-4

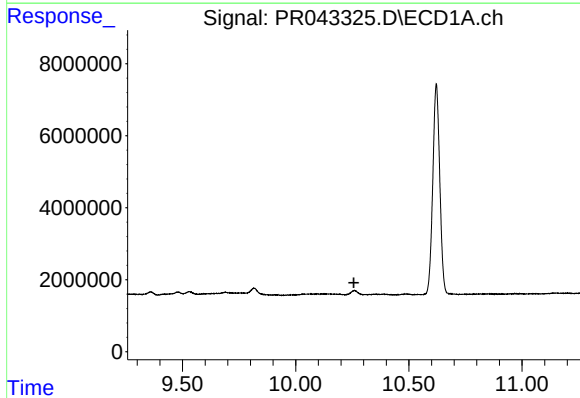
R.T.: 0.000 min  
Exp R.T.: 9.815 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNR9



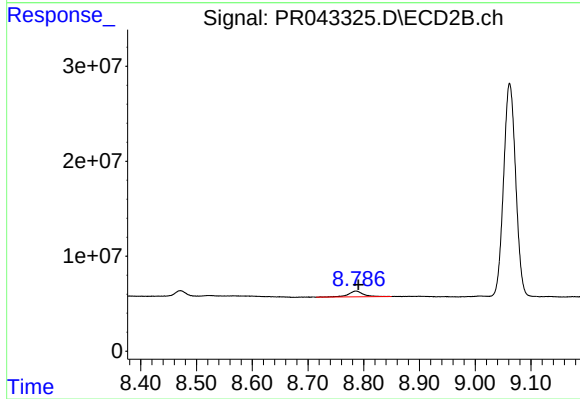
#44 AR-1268-4

R.T.: 8.471 min  
Delta R.T.: -0.005 min  
Response: 7717116  
Conc: 11.64 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.: 8.786 min  
Delta R.T.: -0.005 min  
Response: 11928672  
Conc: 2.53 ng/ml