

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR112119\  
 Data File : PR043399.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Nov 2019 23:15  
 Operator : SM\AJ  
 Sample : K5915-13  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 JLNS1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 22 03:06:23 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... | 4.707  | 3.966  | 87734170 | 283.3E6  | 15.633 | 14.663   |
| 2)                          | SA Decachlor... | 10.619 | 9.060  | 86617573 | 242.2E6  | 24.051 | 21.539   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.885  | 0.000  | 951426   | 0        | 5.075  | N.D. #   |
| 4)                          | L1 AR-1016-2    | 5.885  | 0.000  | 951426   | 0        | 3.620  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 5.985  | 0.000  | 345532   | 0        | 2.209  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 6.023f | 0.000  | 48353    | 0        | 0.371  | N.D. #   |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.513  | 0        | 233069   | N.D.   | 0.735 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 4.134f | 0        | 2727785  | N.D.   | 13.984 # |
| 9)                          | L2 AR-1221-2    | 5.019  | 4.272  | 1367859  | 4158632  | 35.620 | 31.000   |
| 10)                         | L2 AR-1221-3    | 5.019f | 4.383f | 1367859  | 109209   | 10.721 | 0.239 #  |
| 11)                         | L3 AR-1232-1    | 5.019f | 4.383f | 1367859  | 109209   | 12.385 | 0.277 #  |
| 12)                         | L3 AR-1232-2    | 5.645  | 0.000  | 390325   | 0        | 6.842  | N.D. #   |
| 13)                         | L3 AR-1232-3    | 5.885  | 0.000  | 951426   | 0        | 8.295  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 6.023f | 0.000  | 48353    | 0        | 0.849  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.513  | 0        | 233069   | N.D.   | 1.710 #  |
| 16)                         | L4 AR-1242-1    | 5.885  | 0.000  | 951426   | 0        | 6.487  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 5.885  | 0.000  | 951426   | 0        | 4.681  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 5.985  | 0.000  | 345532   | 0        | 2.809  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 6.023f | 0.000  | 48353    | 0        | 0.476  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.836f | 0        | 3763623  | N.D.   | 12.665 # |
| 21)                         | L5 AR-1248-1    | 5.885  | 0.000  | 951426   | 0        | 8.294  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.513  | 0        | 233069   | N.D.   | 0.560 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.933  | 0        | 11757499 | N.D.   | 26.687 # |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.836f | 0        | 3763623  | N.D.   | 6.028 #  |
| 27)                         | L6 AR-1254-2    | 6.960  | 0.000  | 265474   | 0        | 0.900  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.357  | 6.432  | 770824   | 2235031  | 2.501  | 2.289    |
| 29)                         | L6 AR-1254-4    | 7.617  | 6.680  | 362492   | 4929344  | 1.605  | 6.898 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 7.092  | 0        | 4821076  | N.D.   | 5.830 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.590  | 0        | 15491931 | N.D.   | 23.653 # |
| 32)                         | L7 AR-1260-2    | 7.742  | 6.726  | 124055   | 5187056  | 0.468  | 5.680 #  |
| 34)                         | L7 AR-1260-4    | 8.408f | 7.437f | 198758   | 6170642  | 0.869  | 9.753 #  |
| 35)                         | L7 AR-1260-5    | 8.730f | 0.000  | 87435    | 0        | 0.191  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.214f | 7.092  | 574285   | 4821076  | 5.027  | 10.232 # |
| 37)                         | L8 AR-1262-2    | 8.730f | 0.000  | 87435    | 0        | 0.168  | N.D. #   |
| 39)                         | L8 AR-1262-4    | 9.154f | 0.000  | 2255391  | 0        | 9.206  | N.D. #   |
| 42)                         | L9 AR-1268-2    | 9.154f | 0.000  | 2255391  | 0        | 4.274  | N.D. #   |
| 43)                         | L9 AR-1268-3    | 9.357  | 8.165  | 642259   | 1342184  | 1.486  | 0.810 #  |
| 45)                         | L9 AR-1268-5    | 10.258 | 8.785  | 585089   | 5447018  | 0.415  | 1.157 #  |
| -----                       |                 |        |        |          |          |        |          |

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

Instrument :

ECD\_R

ClientSampleId :

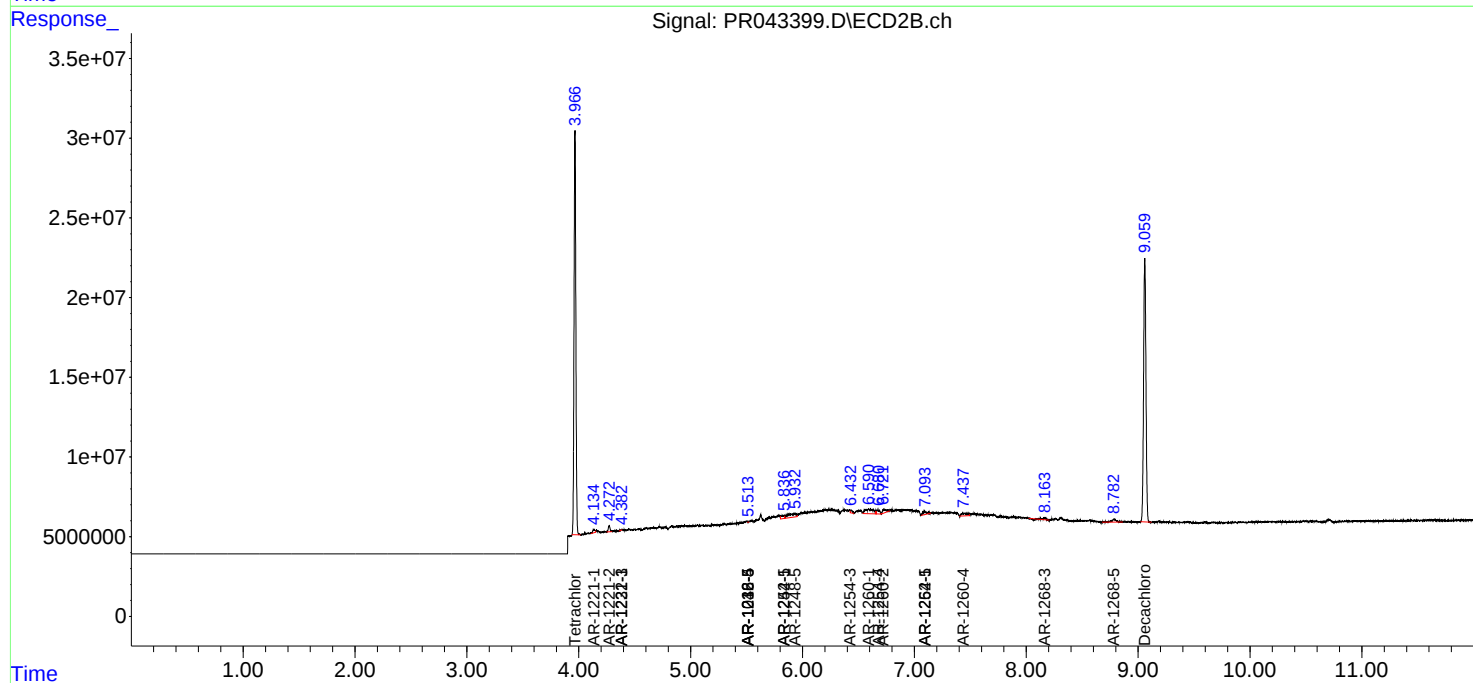
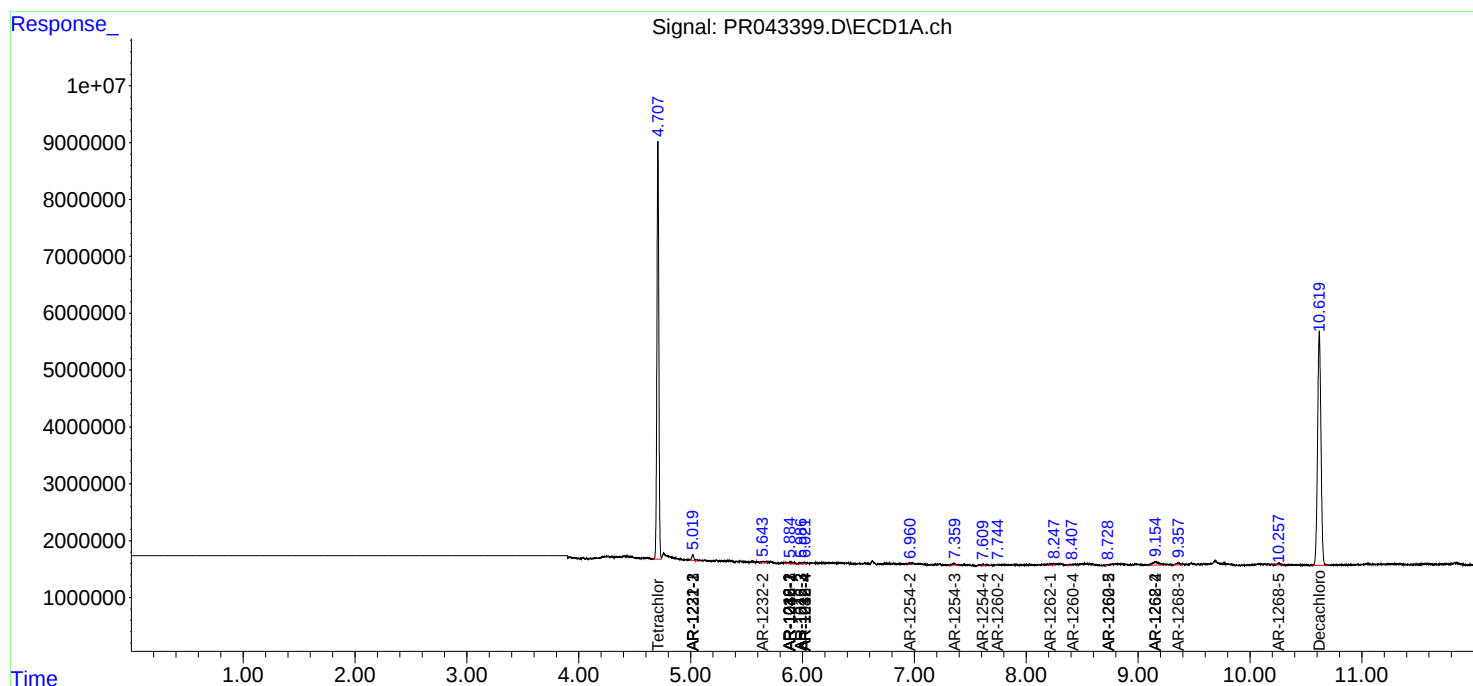
JLNS1

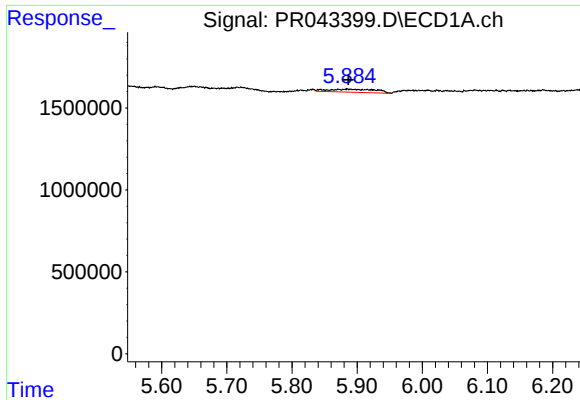
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR112119\  
Data File : PR043399.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Nov 2019 23:15  
Operator : SM\AJ  
Sample : K5915-13  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 22 03:06:23 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

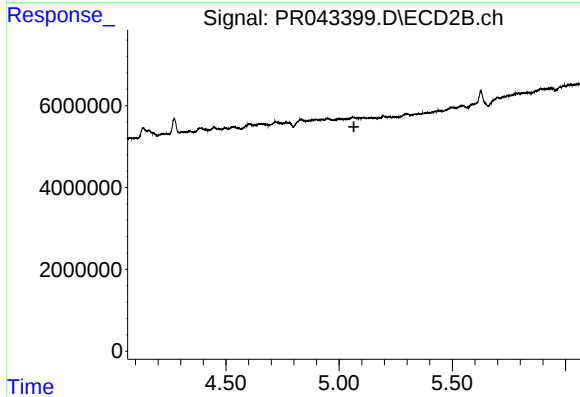




#3 AR-1016-1

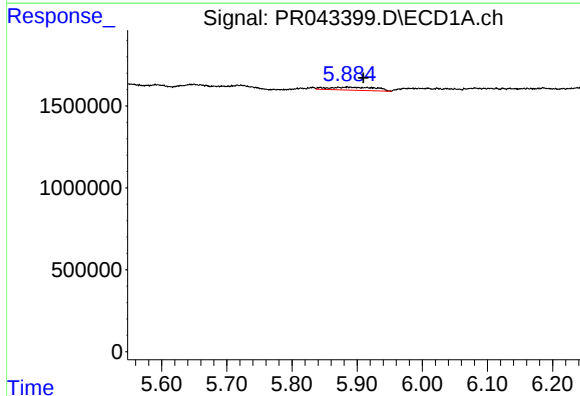
R.T.: 5.885 min  
Delta R.T.: -0.002 min  
Response: 951426  
Conc: 5.08 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



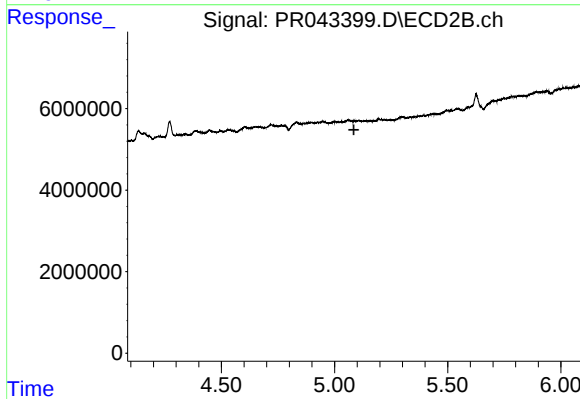
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.065 min  
Response: 0  
Conc: N.D.



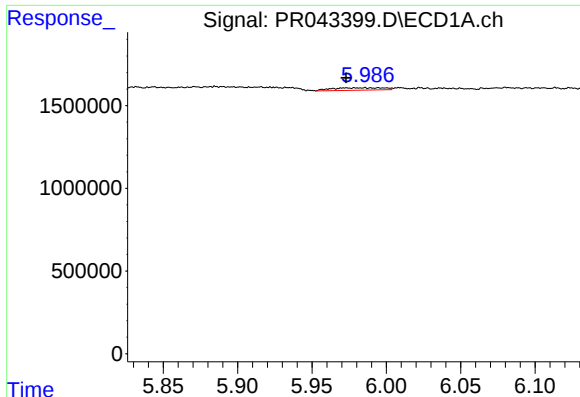
#4 AR-1016-2

R.T.: 5.885 min  
Delta R.T.: -0.025 min  
Response: 951426  
Conc: 3.62 ng/ml



#4 AR-1016-2

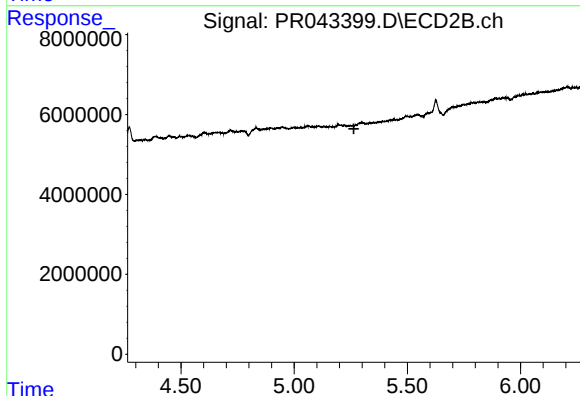
R.T.: 0.000 min  
Exp R.T. : 5.086 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

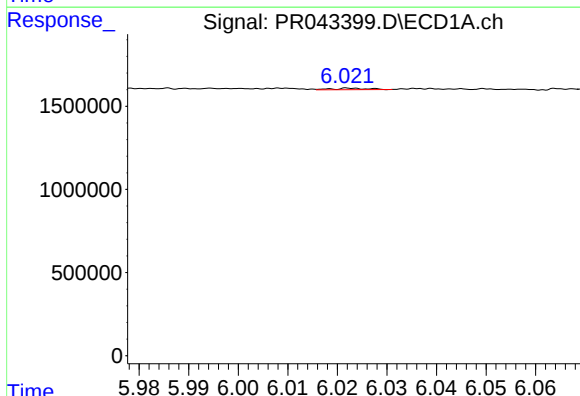
R.T.: 5.985 min  
Delta R.T.: 0.012 min  
Response: 345532  
Conc: 2.21 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



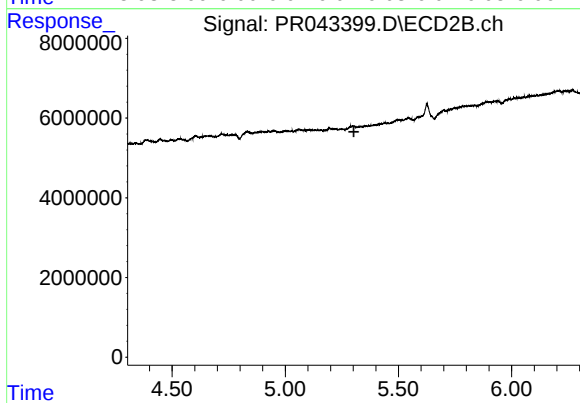
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.264 min  
Response: 0  
Conc: N.D.



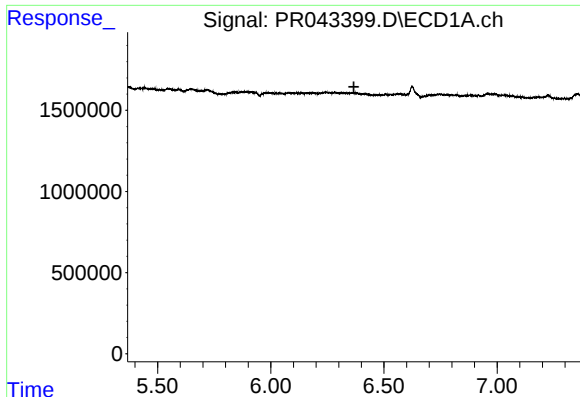
#6 AR-1016-4

R.T.: 6.023 min  
Delta R.T.: -0.050 min  
Response: 48353  
Conc: 0.37 ng/ml



#6 AR-1016-4

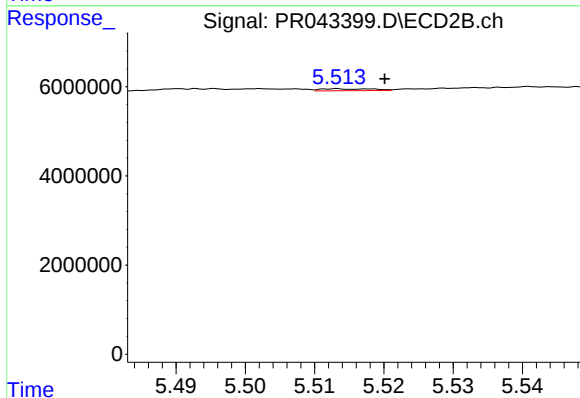
R.T.: 0.000 min  
Exp R.T. : 5.303 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

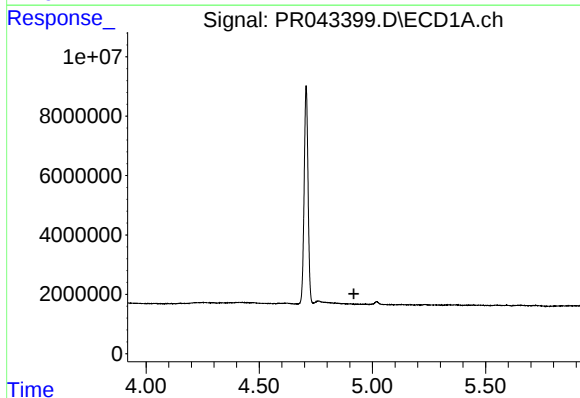
R.T.: 0.000 min  
Exp R.T.: 6.367 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



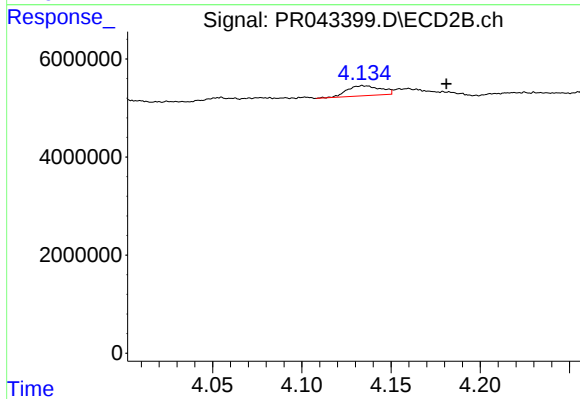
#7 AR-1016-5

R.T.: 5.513 min  
Delta R.T.: -0.007 min  
Response: 233069  
Conc: 0.73 ng/ml



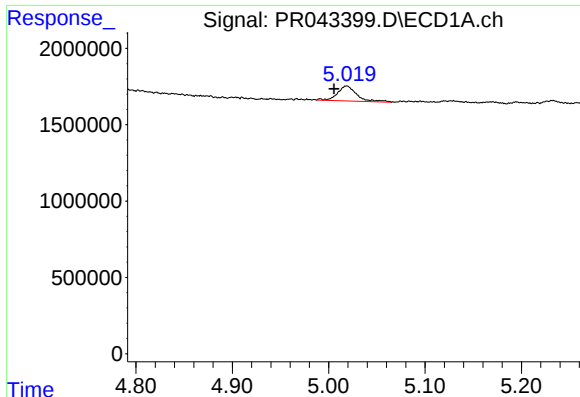
#8 AR-1221-1

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



#8 AR-1221-1

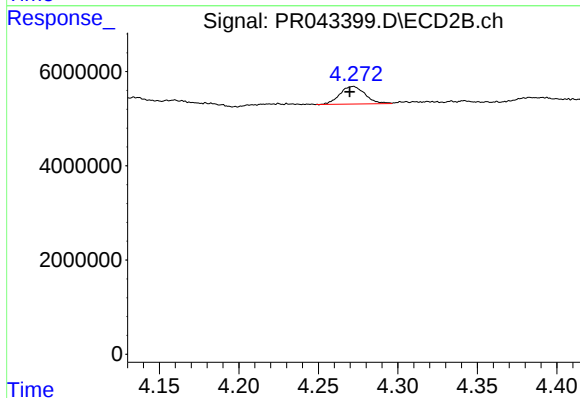
R.T.: 4.134 min  
Delta R.T.: -0.047 min  
Response: 2727785  
Conc: 13.98 ng/ml



#9 AR-1221-2

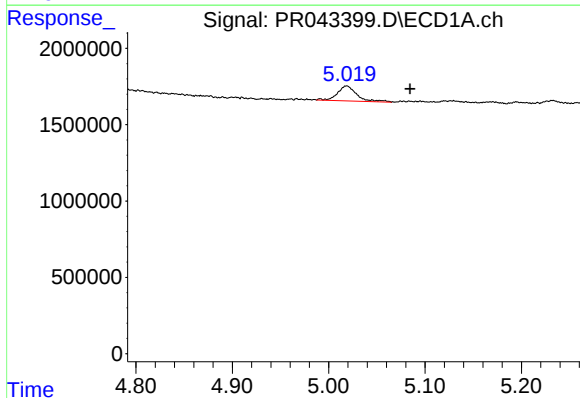
R.T.: 5.019 min  
Delta R.T.: 0.013 min  
Response: 1367859  
Conc: 35.62 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



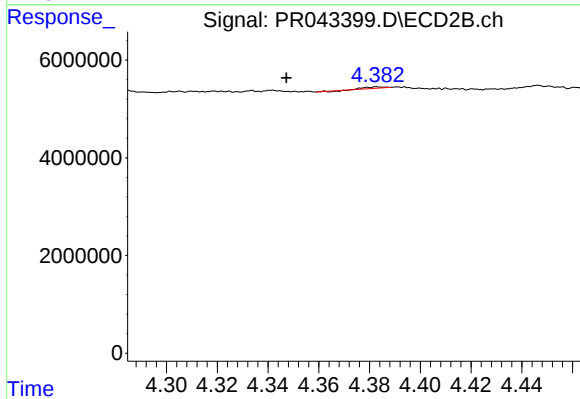
#9 AR-1221-2

R.T.: 4.272 min  
Delta R.T.: 0.002 min  
Response: 4158632  
Conc: 31.00 ng/ml



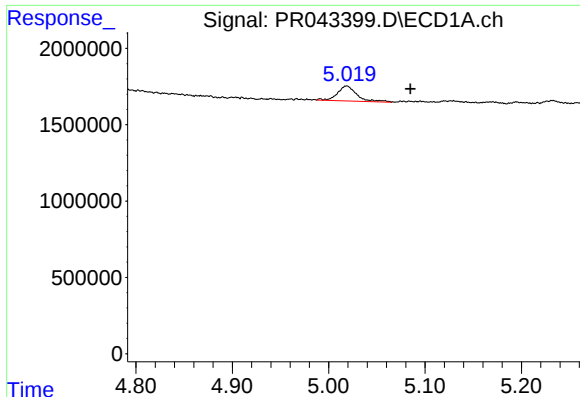
#10 AR-1221-3

R.T.: 5.019 min  
Delta R.T.: -0.066 min  
Response: 1367859  
Conc: 10.72 ng/ml



#10 AR-1221-3

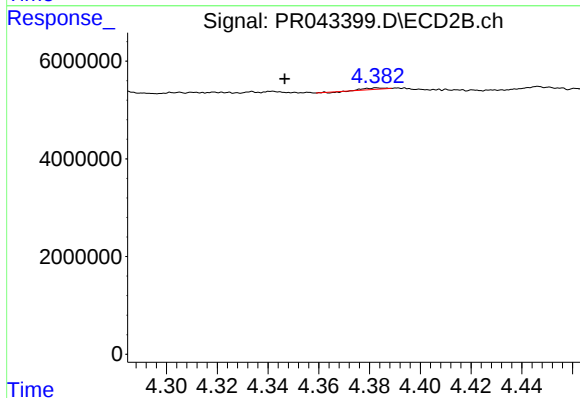
R.T.: 4.383 min  
Delta R.T.: 0.036 min  
Response: 109209  
Conc: 0.24 ng/ml



#11 AR-1232-1

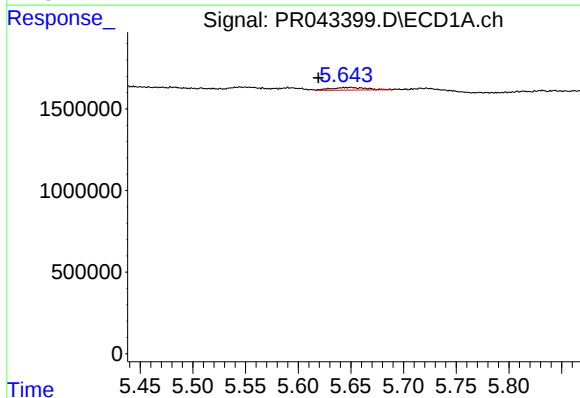
R.T.: 5.019 min  
Delta R.T.: -0.066 min  
Response: 1367859  
Conc: 12.38 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



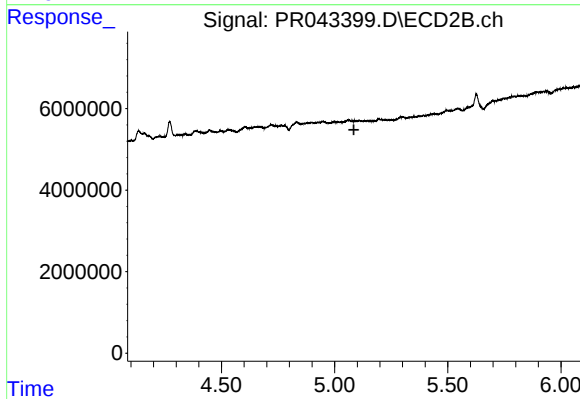
#11 AR-1232-1

R.T.: 4.383 min  
Delta R.T.: 0.036 min  
Response: 109209  
Conc: 0.28 ng/ml



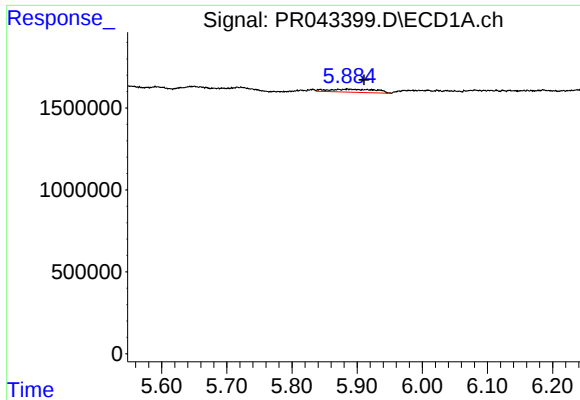
#12 AR-1232-2

R.T.: 5.645 min  
Delta R.T.: 0.026 min  
Response: 390325  
Conc: 6.84 ng/ml



#12 AR-1232-2

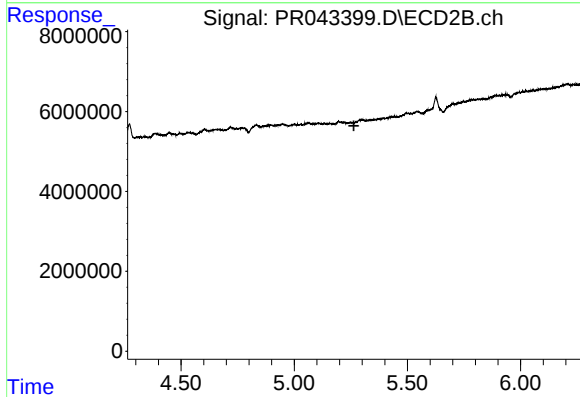
R.T.: 0.000 min  
Exp R.T.: 5.085 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

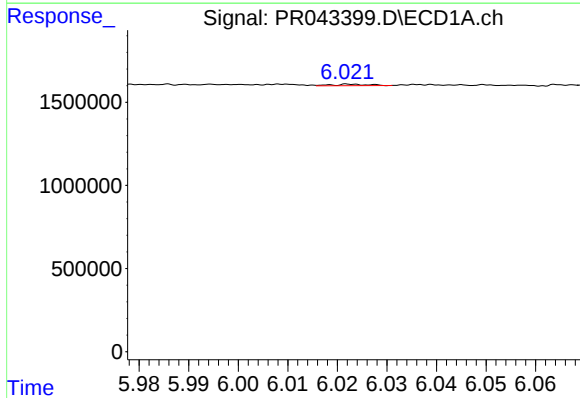
R.T.: 5.885 min  
Delta R.T.: -0.026 min  
Response: 951426  
Conc: 8.29 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



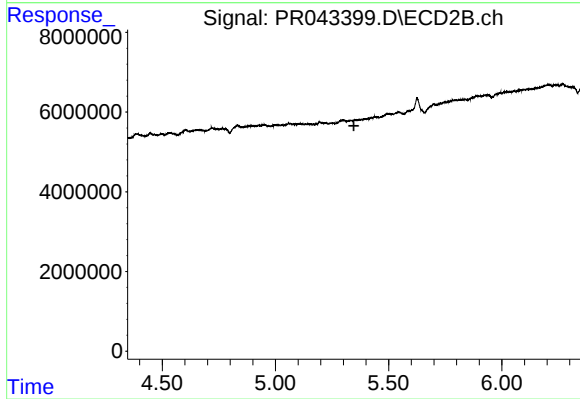
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.263 min  
Response: 0  
Conc: N.D.



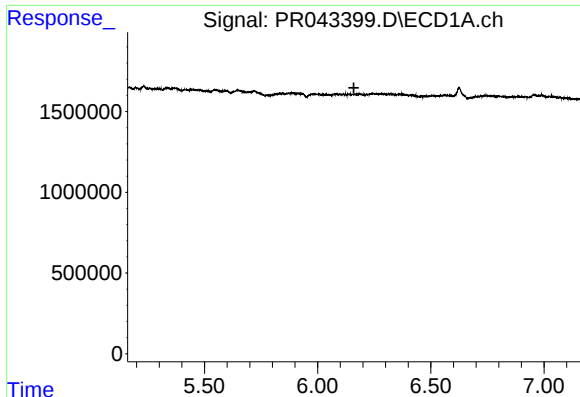
#14 AR-1232-4

R.T.: 6.023 min  
Delta R.T.: -0.050 min  
Response: 48353  
Conc: 0.85 ng/ml



#14 AR-1232-4

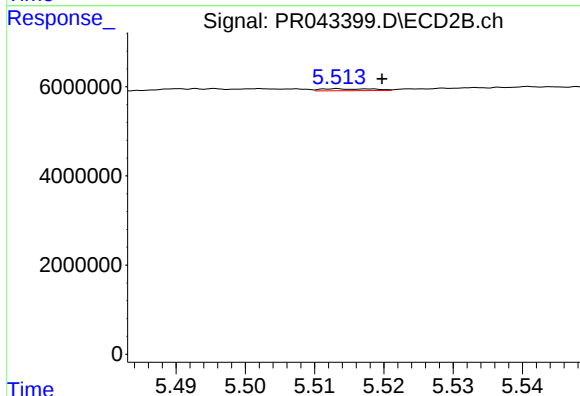
R.T.: 0.000 min  
Exp R.T. : 5.346 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

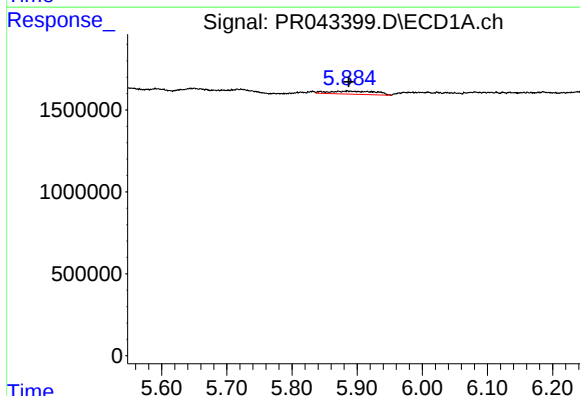
R.T.: 0.000 min  
Exp R.T.: 6.160 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



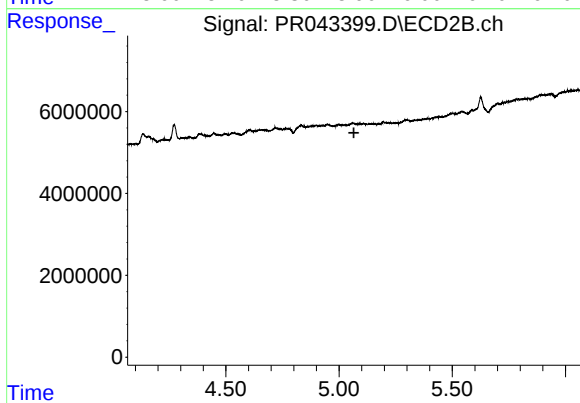
#15 AR-1232-5

R.T.: 5.513 min  
Delta R.T.: -0.006 min  
Response: 233069  
Conc: 1.71 ng/ml



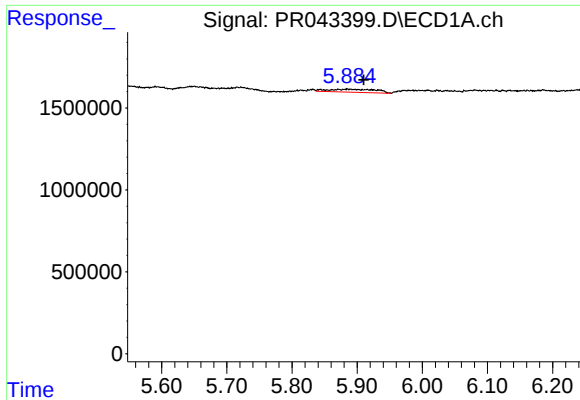
#16 AR-1242-1

R.T.: 5.885 min  
Delta R.T.: -0.002 min  
Response: 951426  
Conc: 6.49 ng/ml



#16 AR-1242-1

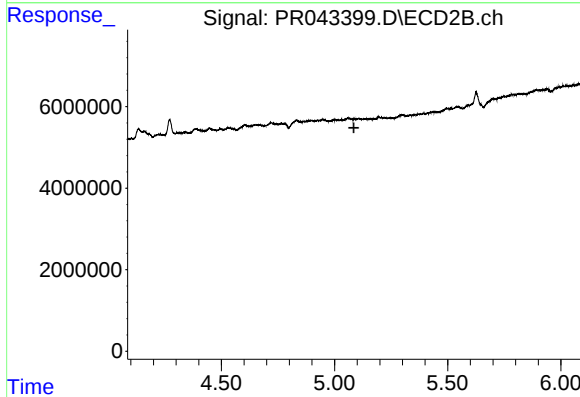
R.T.: 0.000 min  
Exp R.T.: 5.066 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

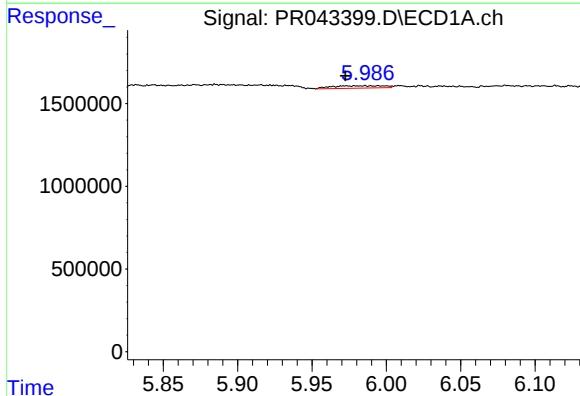
R.T.: 5.885 min  
Delta R.T.: -0.025 min  
Response: 951426  
Conc: 4.68 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



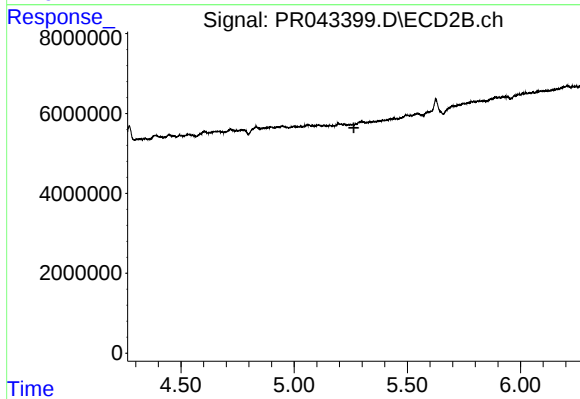
#17 AR-1242-2

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



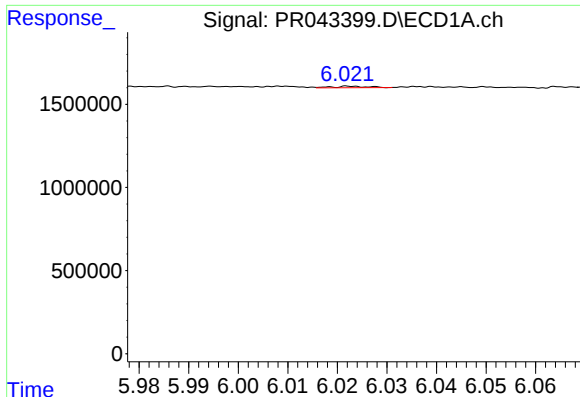
#18 AR-1242-3

R.T.: 5.985 min  
Delta R.T.: 0.013 min  
Response: 345532  
Conc: 2.81 ng/ml



#18 AR-1242-3

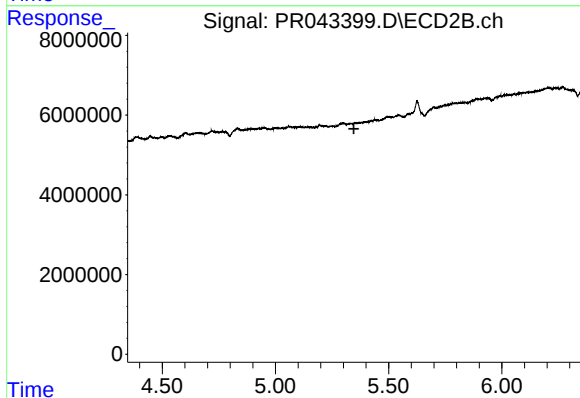
R.T.: 0.000 min  
Exp R.T. : 5.264 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

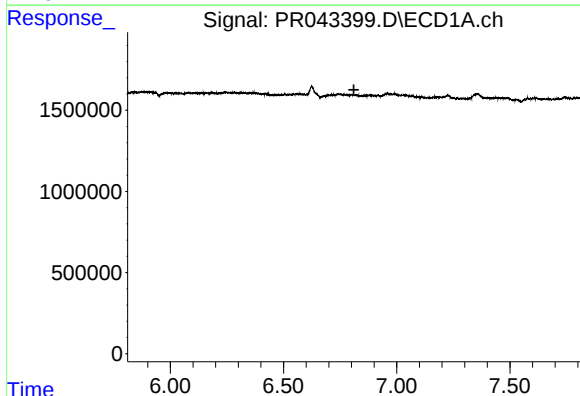
R.T.: 6.023 min  
Delta R.T.: -0.051 min  
Response: 48353  
Conc: 0.48 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



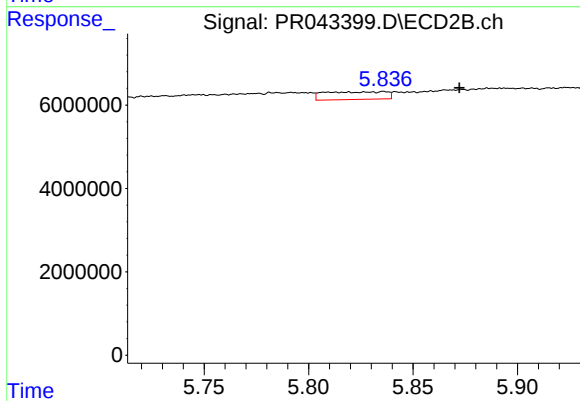
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.346 min  
Response: 0  
Conc: N.D.



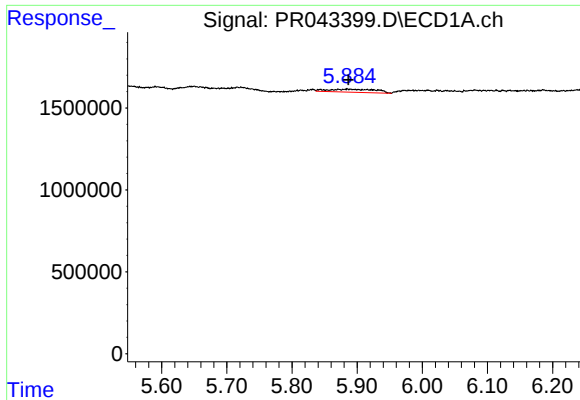
#20 AR-1242-5

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



#20 AR-1242-5

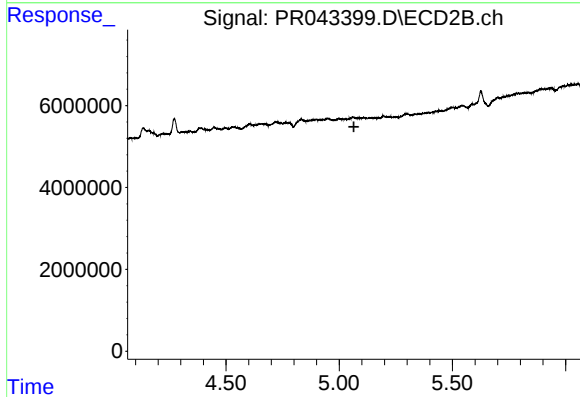
R.T.: 5.836 min  
Delta R.T.: -0.036 min  
Response: 3763623  
Conc: 12.67 ng/ml



#21 AR-1248-1

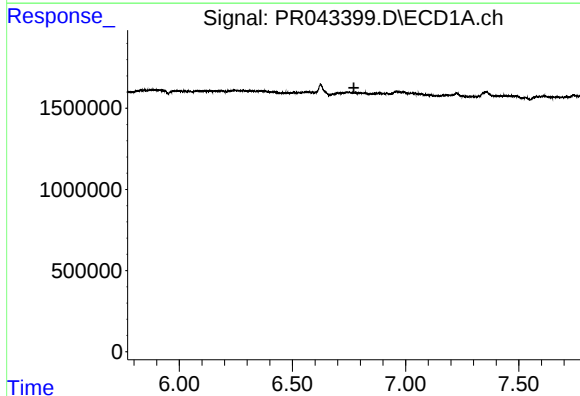
R.T.: 5.885 min  
Delta R.T.: -0.002 min  
Response: 951426  
Conc: 8.29 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



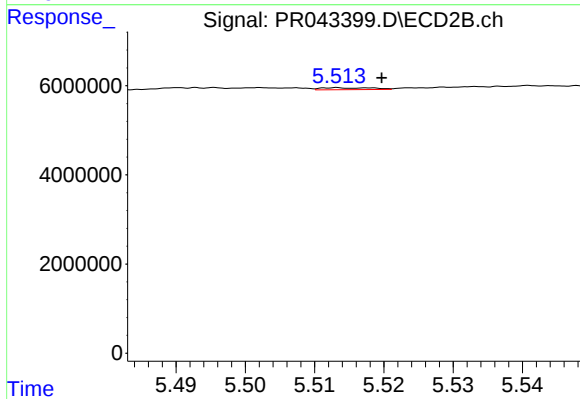
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.065 min  
Response: 0  
Conc: N.D.



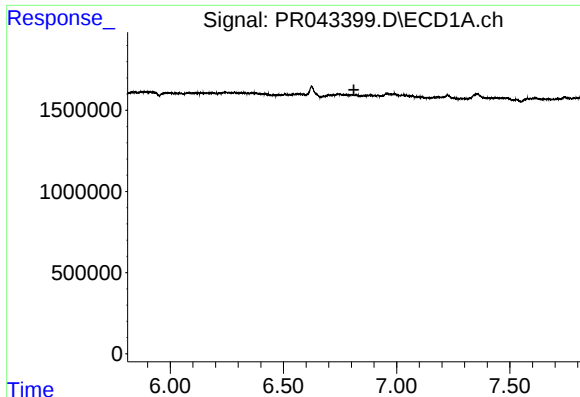
#24 AR-1248-4

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



#24 AR-1248-4

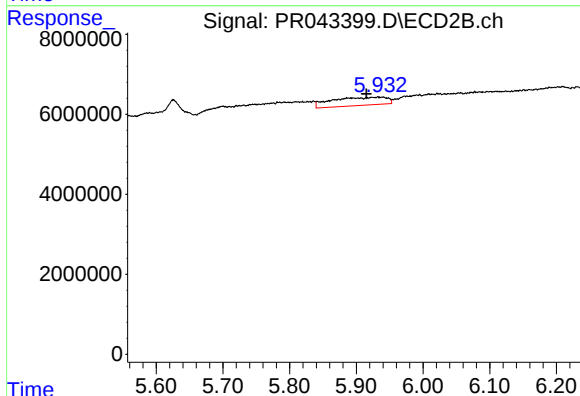
R.T.: 5.513 min  
Delta R.T.: -0.006 min  
Response: 233069  
Conc: 0.56 ng/ml



#25 AR-1248-5

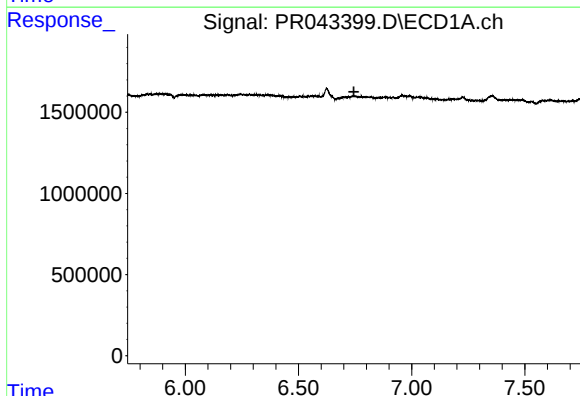
R.T.: 0.000 min  
Exp R.T.: 6.811 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



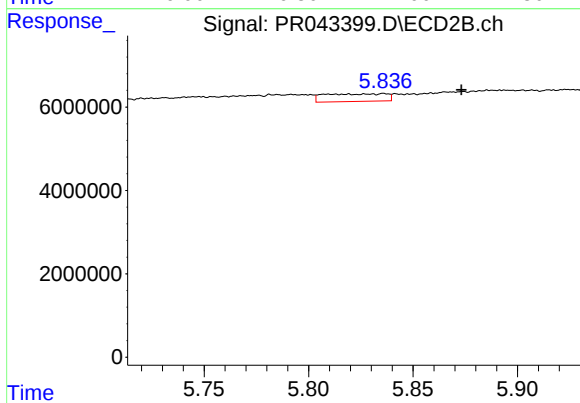
#25 AR-1248-5

R.T.: 5.933 min  
Delta R.T.: 0.018 min  
Response: 11757499  
Conc: 26.69 ng/ml



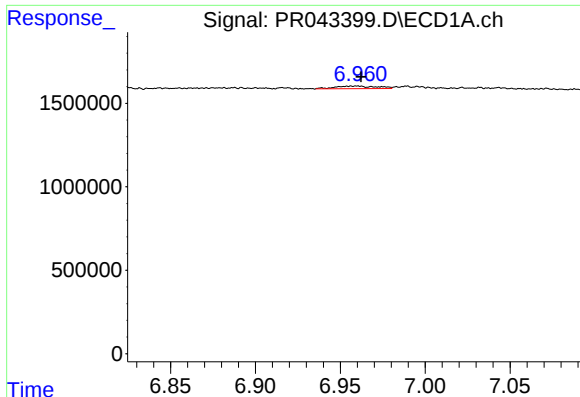
#26 AR-1254-1

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



#26 AR-1254-1

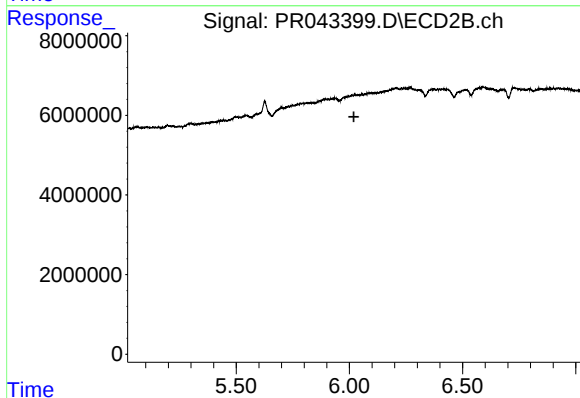
R.T.: 5.836 min  
Delta R.T.: -0.037 min  
Response: 3763623  
Conc: 6.03 ng/ml



#27 AR-1254-2

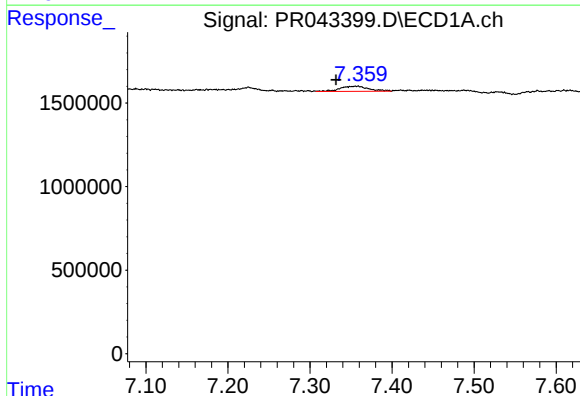
R.T.: 6.960 min  
Delta R.T.: -0.002 min  
Response: 265474  
Conc: 0.90 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



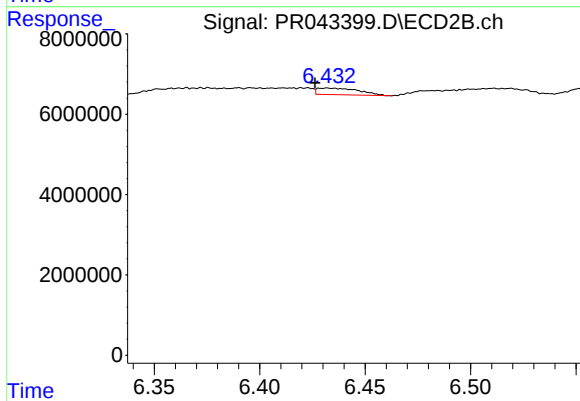
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 6.020 min  
Response: 0  
Conc: N.D.



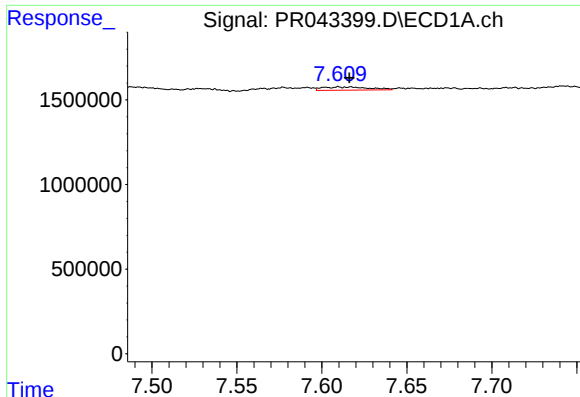
#28 AR-1254-3

R.T.: 7.357 min  
Delta R.T.: 0.026 min  
Response: 770824  
Conc: 2.50 ng/ml



#28 AR-1254-3

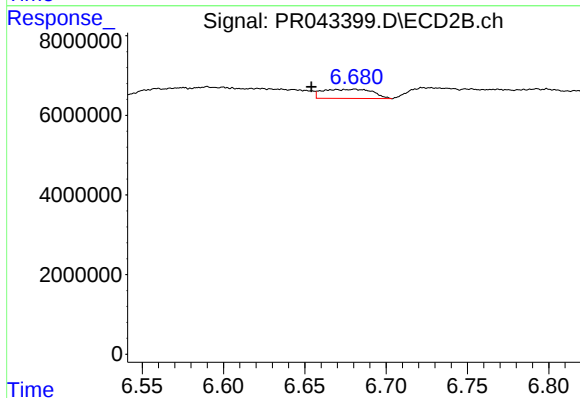
R.T.: 6.432 min  
Delta R.T.: 0.006 min  
Response: 2235031  
Conc: 2.29 ng/ml



#29 AR-1254-4

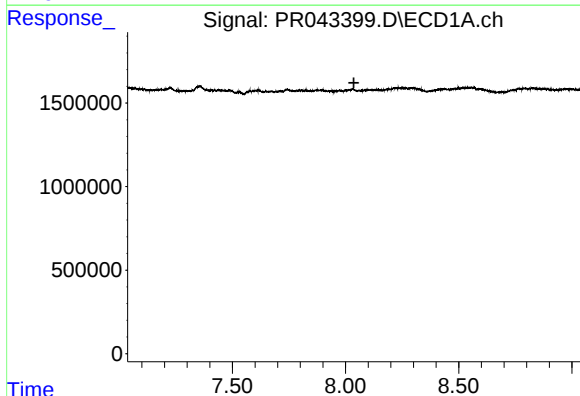
R.T.: 7.617 min  
Delta R.T.: 0.000 min  
Response: 362492  
Conc: 1.60 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



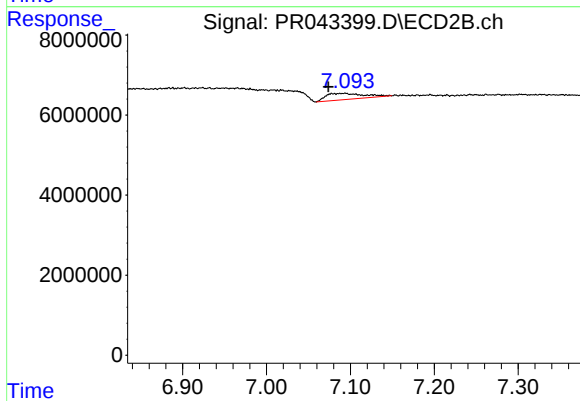
#29 AR-1254-4

R.T.: 6.680 min  
Delta R.T.: 0.026 min  
Response: 4929344  
Conc: 6.90 ng/ml



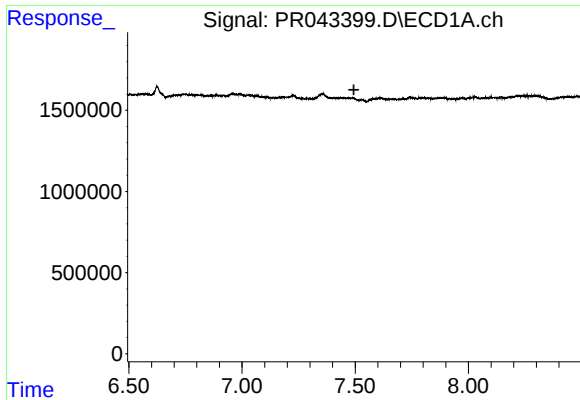
#30 AR-1254-5

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



#30 AR-1254-5

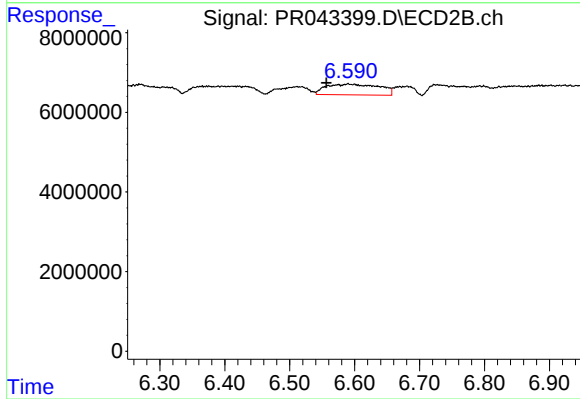
R.T.: 7.092 min  
Delta R.T.: 0.019 min  
Response: 4821076  
Conc: 5.83 ng/ml



#31 AR-1260-1

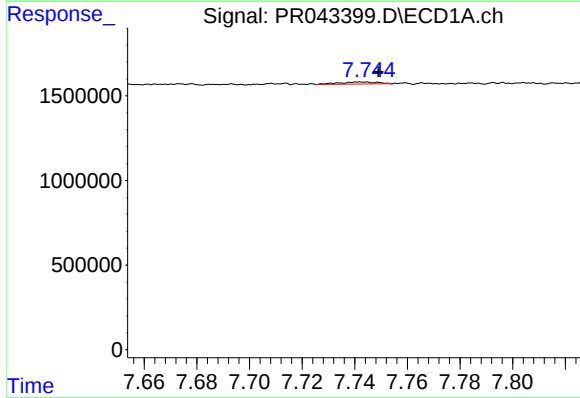
R.T.: 0.000 min  
Exp R.T.: 7.494 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



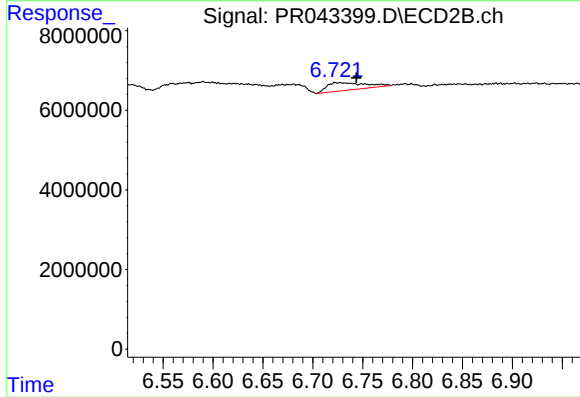
#31 AR-1260-1

R.T.: 6.590 min  
Delta R.T.: 0.034 min  
Response: 15491931  
Conc: 23.65 ng/ml



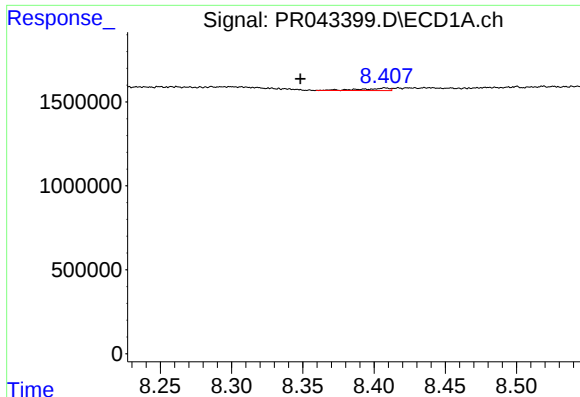
#32 AR-1260-2

R.T.: 7.742 min  
Delta R.T.: -0.007 min  
Response: 124055  
Conc: 0.47 ng/ml



#32 AR-1260-2

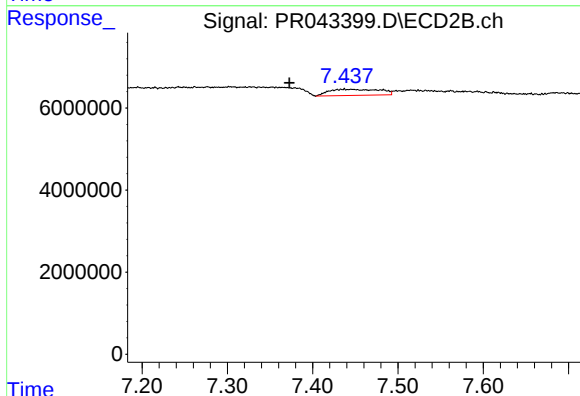
R.T.: 6.726 min  
Delta R.T.: -0.017 min  
Response: 5187056  
Conc: 5.68 ng/ml



#34 AR-1260-4

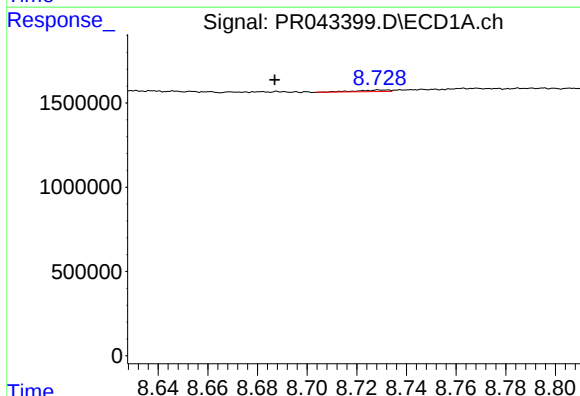
R.T.: 8.408 min  
Delta R.T.: 0.059 min  
Response: 198758  
Conc: 0.87 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



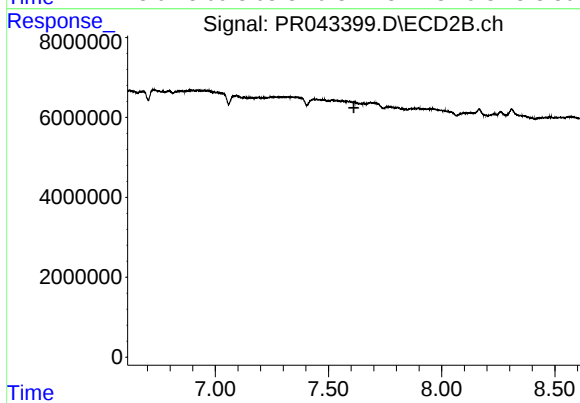
#34 AR-1260-4

R.T.: 7.437 min  
Delta R.T.: 0.065 min  
Response: 6170642  
Conc: 9.75 ng/ml



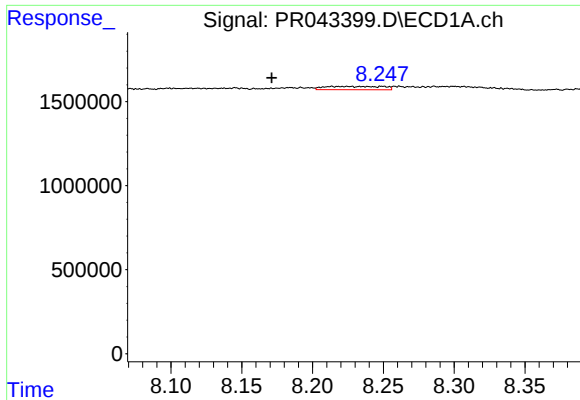
#35 AR-1260-5

R.T.: 8.730 min  
Delta R.T.: 0.043 min  
Response: 87435  
Conc: 0.19 ng/ml



#35 AR-1260-5

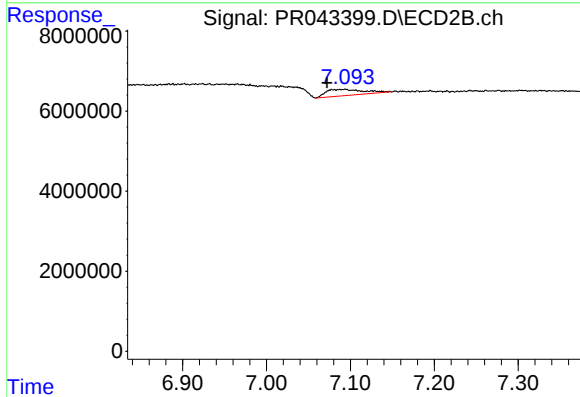
R.T.: 0.000 min  
Exp R.T.: 7.612 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

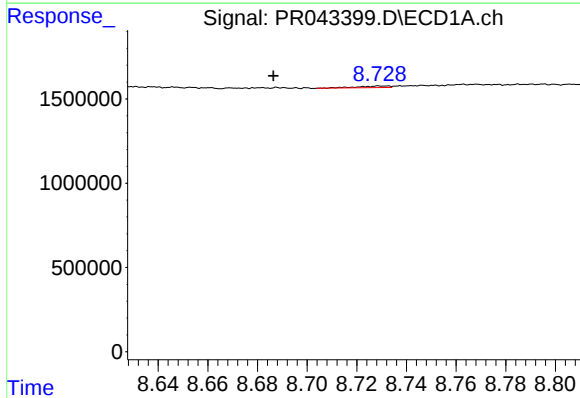
R.T.: 8.214 min  
Delta R.T.: 0.043 min  
Response: 574285  
Conc: 5.03 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



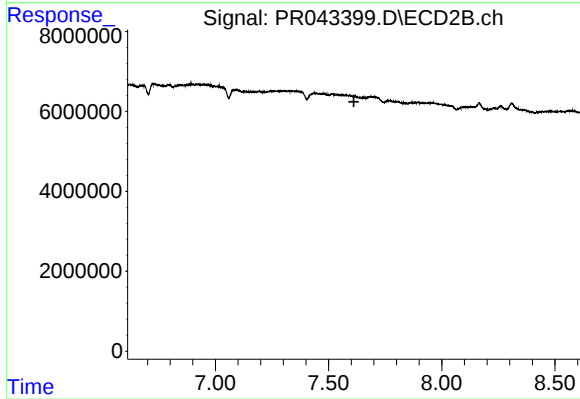
#36 AR-1262-1

R.T.: 7.092 min  
Delta R.T.: 0.020 min  
Response: 4821076  
Conc: 10.23 ng/ml



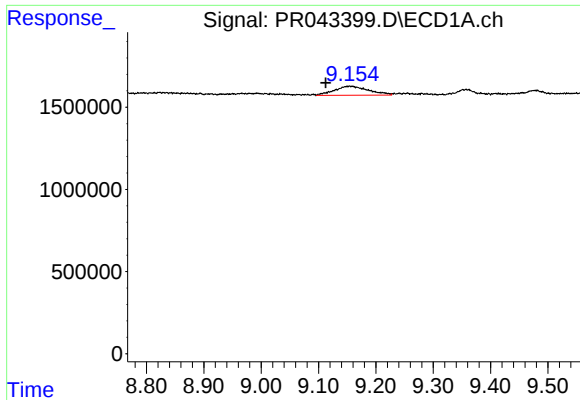
#37 AR-1262-2

R.T.: 8.730 min  
Delta R.T.: 0.043 min  
Response: 87435  
Conc: 0.17 ng/ml



#37 AR-1262-2

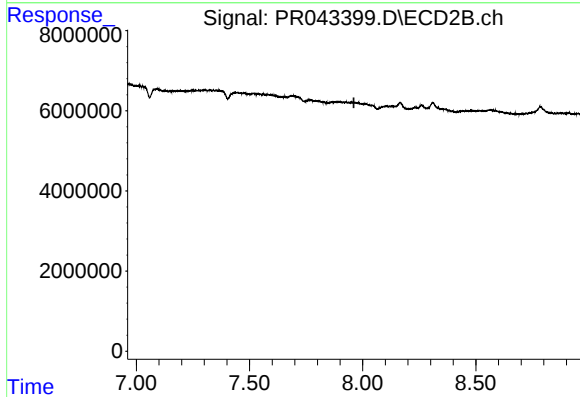
R.T.: 0.000 min  
Exp R.T.: 7.612 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

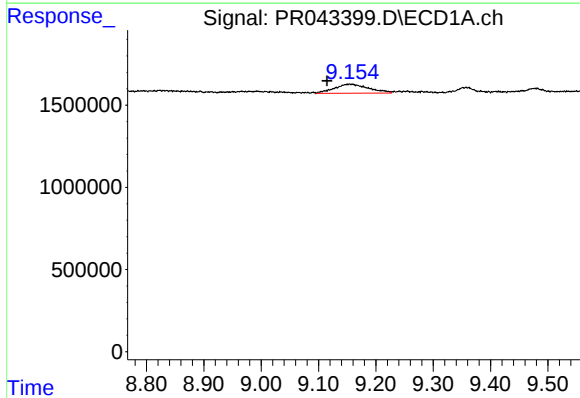
R.T.: 9.154 min  
Delta R.T.: 0.041 min  
Response: 2255391  
Conc: 9.21 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



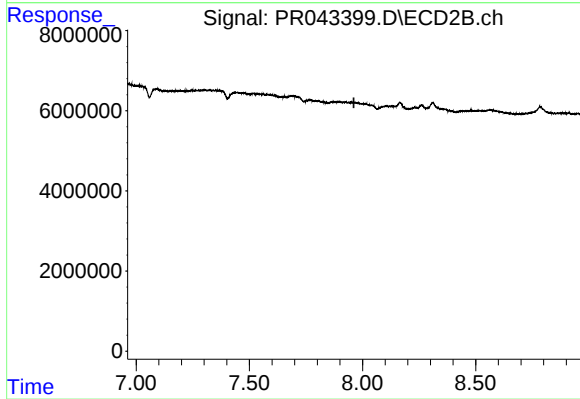
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.961 min  
Response: 0  
Conc: N.D.



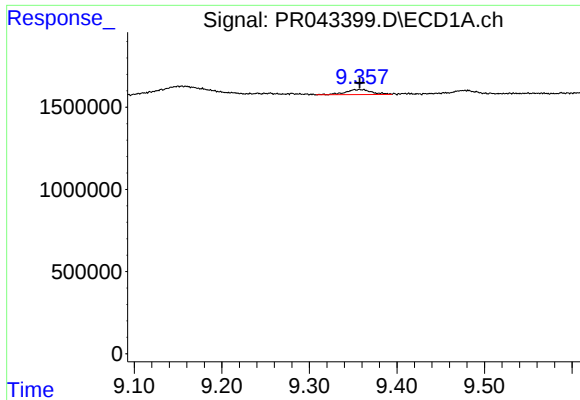
#42 AR-1268-2

R.T.: 9.154 min  
Delta R.T.: 0.039 min  
Response: 2255391  
Conc: 4.27 ng/ml



#42 AR-1268-2

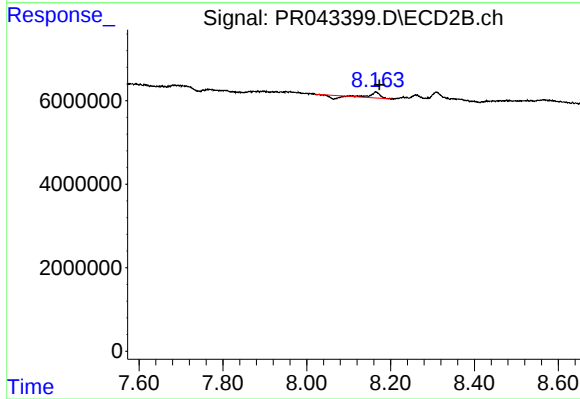
R.T.: 0.000 min  
Exp R.T. : 7.962 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

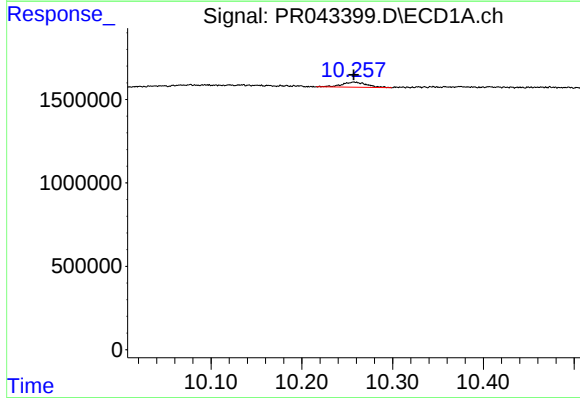
R.T.: 9.357 min  
Delta R.T.: 0.000 min  
Response: 642259  
Conc: 1.49 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
JLNS1



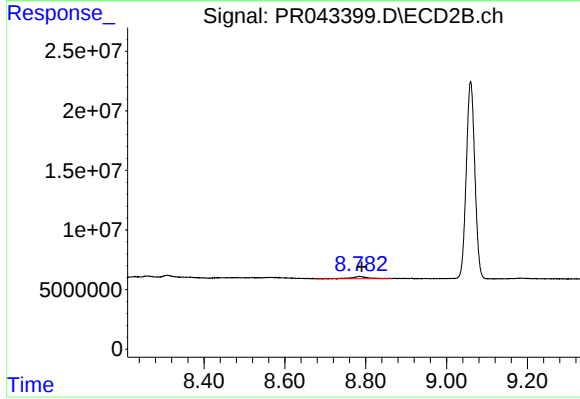
#43 AR-1268-3

R.T.: 8.165 min  
Delta R.T.: -0.008 min  
Response: 1342184  
Conc: 0.81 ng/ml



#45 AR-1268-5

R.T.: 10.258 min  
Delta R.T.: 0.000 min  
Response: 585089  
Conc: 0.42 ng/ml



#45 AR-1268-5

R.T.: 8.785 min  
Delta R.T.: -0.006 min  
Response: 5447018  
Conc: 1.16 ng/ml