

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR121419\  
 Data File : PR043822.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Dec 2019 02:17  
 Operator : SM\AJ  
 Sample : PB125444BL  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 ABLK44

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 06:06:11 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR120419CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Dec 07 03:51:56 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... | 4.702  | 3.962  | 132.5E6 | 170.6E6 | 23.831 | 22.081   |
| 2)                          | SA Decachlor... | 10.606 | 9.048  | 154.8E6 | 333.2E6 | 41.117 | 33.664   |
| Target Compounds            |                 |        |        |         |         |        |          |
| 3)                          | L1 AR-1016-1    | 5.934f | 0.000  | 145425  | 0       | 0.751  | N.D. #   |
| 4)                          | L1 AR-1016-2    | 5.934  | 0.000  | 145425  | 0       | 0.531  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 5.976  | 0.000  | 732895  | 0       | 4.450  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 6.045  | 0.000  | 185458  | 0       | 1.347  | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.926  | 0.000  | 185569  | 0       | 3.235  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.015  | 4.266  | 2100430 | 2551815 | 51.397 | 41.684   |
| 10)                         | L2 AR-1221-3    | 5.066  | 0.000  | 360765  | 0       | 2.625  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 5.066  | 0.000  | 360765  | 0       | 3.356  | N.D. #   |
| 12)                         | L3 AR-1232-2    | 5.593  | 0.000  | 966206  | 0       | 17.458 | N.D. #   |
| 13)                         | L3 AR-1232-3    | 5.934  | 0.000  | 145425  | 0       | 1.282  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 6.045  | 0.000  | 185458  | 0       | 3.191  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 6.172  | 0.000  | 373171  | 0       | 8.358  | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.934f | 0.000  | 145425  | 0       | 0.895  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 5.934  | 0.000  | 145425  | 0       | 0.637  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 5.976  | 0.000  | 732895  | 0       | 5.328  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 6.045  | 0.000  | 185458  | 0       | 1.616  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.881f | 0.000  | 384522  | 0       | 3.023  | N.D. #   |
| 21)                         | L5 AR-1248-1    | 5.934f | 0.000  | 145425  | 0       | 1.225  | N.D. #   |
| 22)                         | L5 AR-1248-2    | 6.172  | 0.000  | 373171  | 0       | 2.290  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.740  | 0.000  | 528033  | 0       | 2.522  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.881f | 0.000  | 384522  | 0       | 1.937  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.740  | 0.000  | 528033  | 0       | 2.416  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.339  | 6.473f | 3307094 | 2878273 | 9.455  | 2.843 #  |
| 29)                         | L6 AR-1254-4    | 7.594  | 6.715f | 935474  | 4800117 | 3.744  | 6.666 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 7.081  | 0       | 3250018 | N.D.   | 3.815 #  |
| 31)                         | L7 AR-1260-1    | 7.528  | 6.541  | 178363  | 1100153 | 0.716  | 1.624 #  |
| 32)                         | L7 AR-1260-2    | 7.693f | 6.715  | 746078  | 4800117 | 2.511  | 4.954 #  |
| 34)                         | L7 AR-1260-4    | 8.346  | 7.430f | 157438  | 6539622 | 0.626  | 10.308 # |
| 35)                         | L7 AR-1260-5    | 8.704  | 0.000  | 244894  | 0       | 0.508  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.081  | 0       | 3250018 | N.D.   | 6.572 #  |
| 37)                         | L8 AR-1262-2    | 8.704  | 0.000  | 244894  | 0       | 0.430  | N.D. #   |
| 39)                         | L8 AR-1262-4    | 9.148  | 0.000  | 426919  | 0       | 1.604  | N.D. #   |
| 40)                         | L8 AR-1262-5    | 9.782f | 0.000  | 601397  | 0       | 3.194  | N.D. #   |
| 42)                         | L9 AR-1268-2    | 9.148  | 0.000  | 426919  | 0       | 0.741  | N.D. #   |
| 43)                         | L9 AR-1268-3    | 9.345  | 0.000  | 683387  | 0       | 1.452  | N.D. #   |
| 44)                         | L9 AR-1268-4    | 9.782f | 0.000  | 601397  | 0       | 2.943  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 10.245 | 8.773  | 1442608 | 4890444 | 0.923  | 1.156 #  |
| -----                       |                 |        |        |         |         |        |          |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR121419\  
Data File : PR043822.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Dec 2019 02:17  
Operator : SM\AJ  
Sample : PB125444BL  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 06:06:11 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR120419CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Dec 07 03:51:56 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

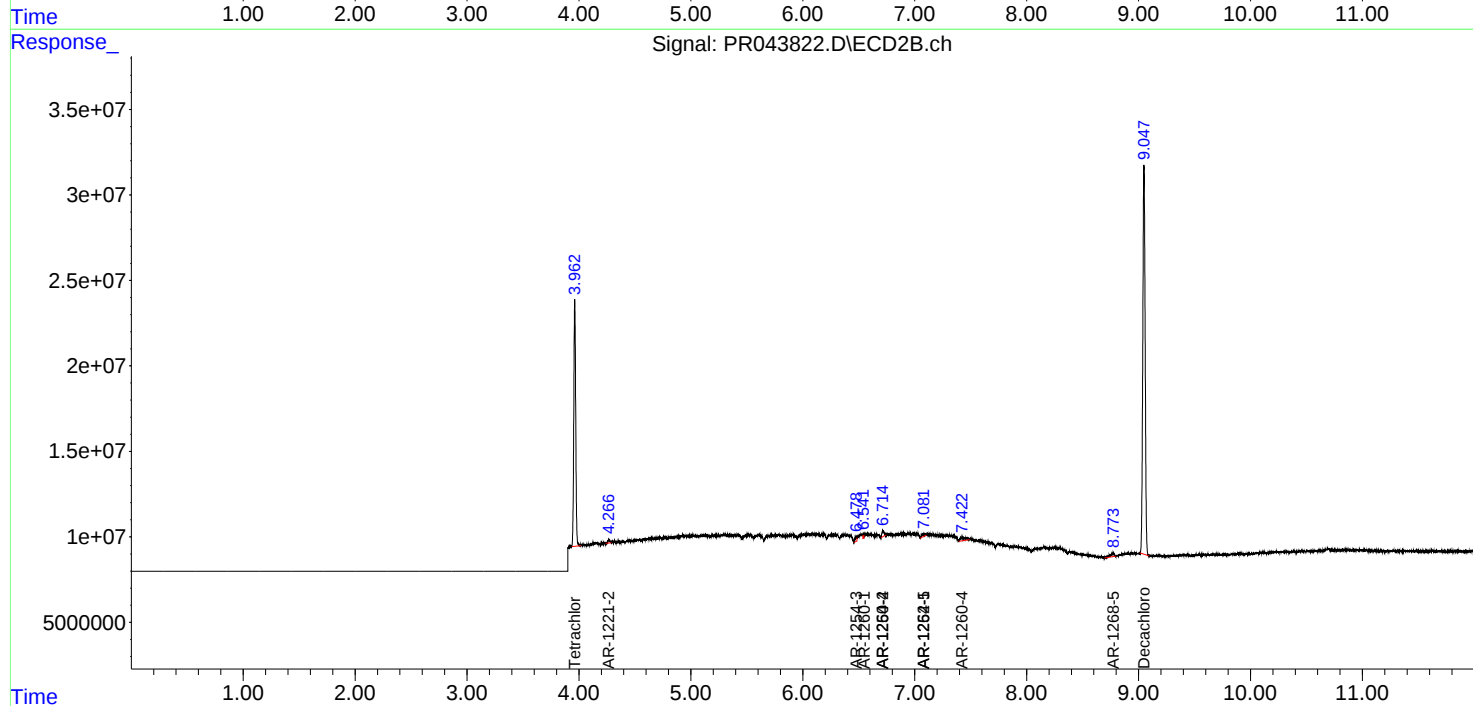
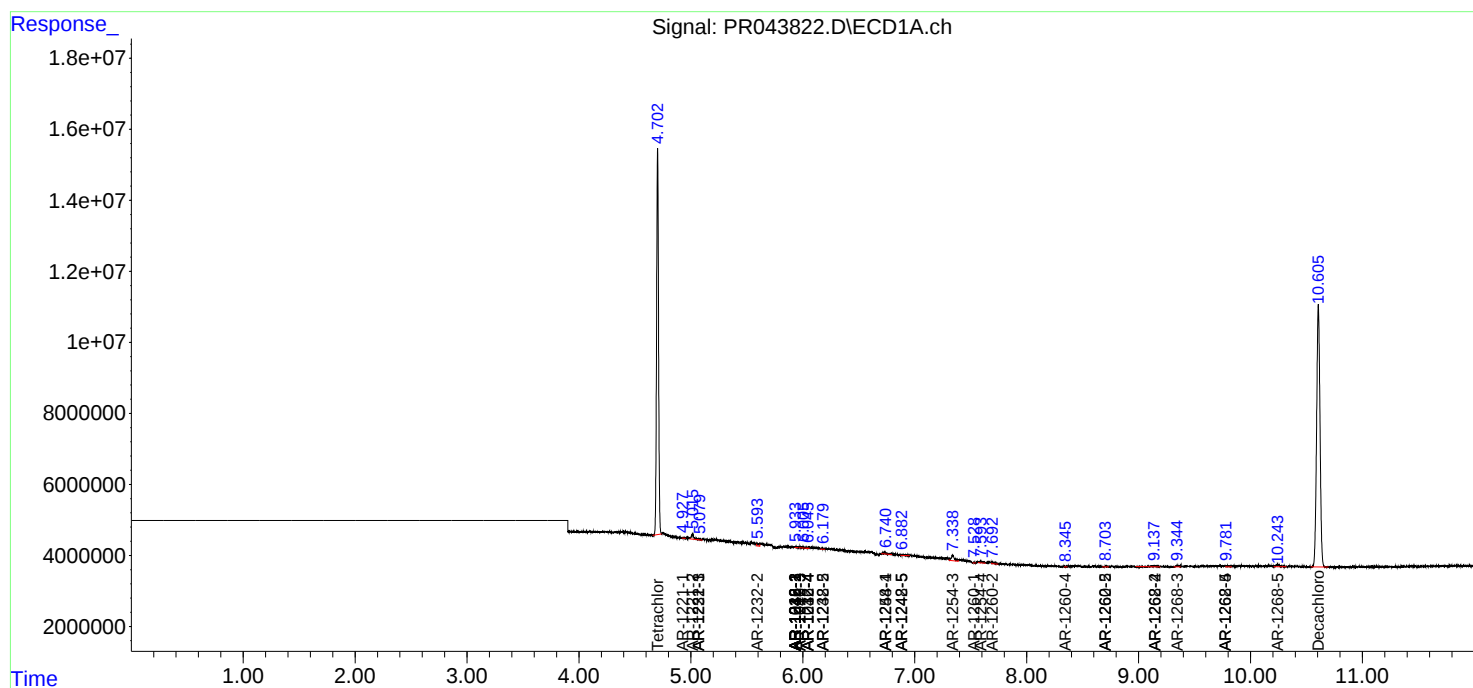
| Compound                                                              | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |

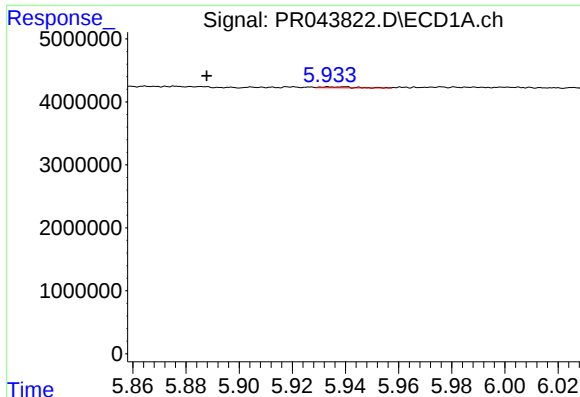
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR121419\  
Data File : PR043822.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Dec 2019 02:17  
Operator : SM\AJ  
Sample : PB125444BL  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 06:06:11 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR120419CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Dec 07 03:51:56 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

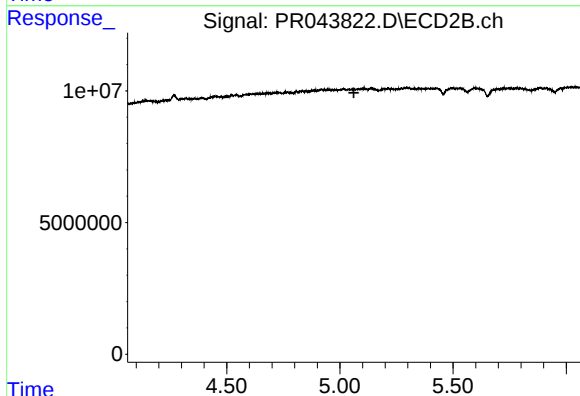




#3 AR-1016-1

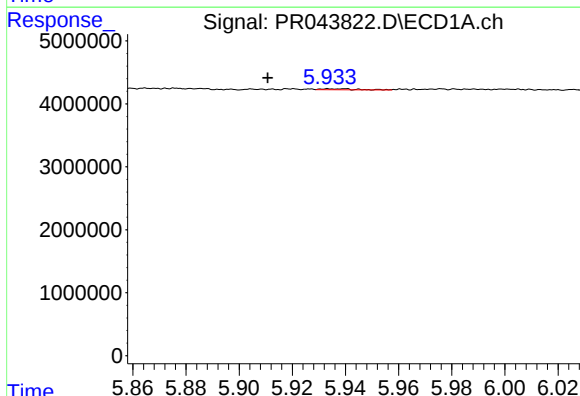
R.T.: 5.934 min  
Delta R.T.: 0.046 min  
Response: 145425  
Conc: 0.75 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



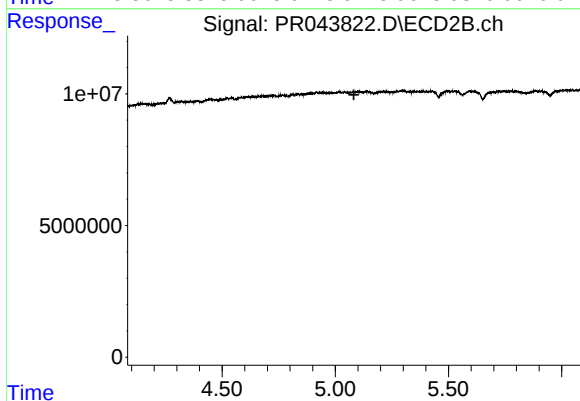
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.062 min  
Response: 0  
Conc: N.D.



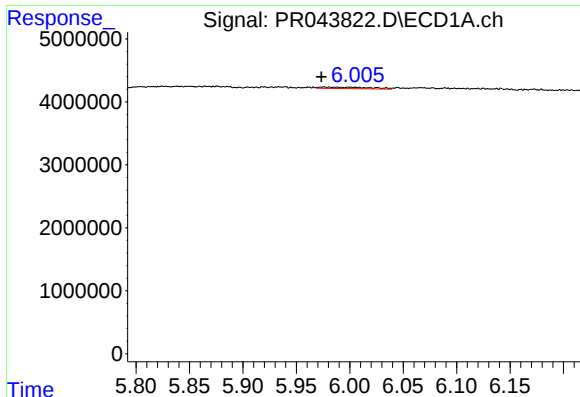
#4 AR-1016-2

R.T.: 5.934 min  
Delta R.T.: 0.023 min  
Response: 145425  
Conc: 0.53 ng/ml



#4 AR-1016-2

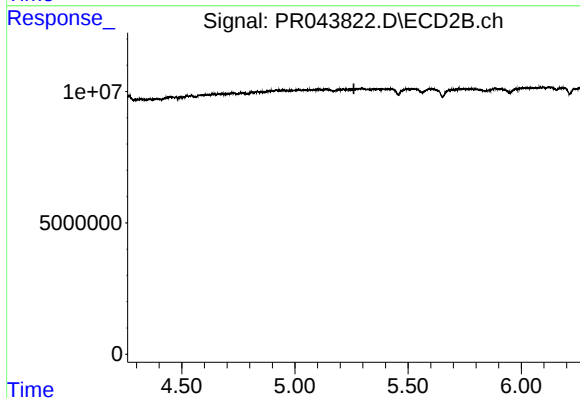
R.T.: 0.000 min  
Exp R.T. : 5.082 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

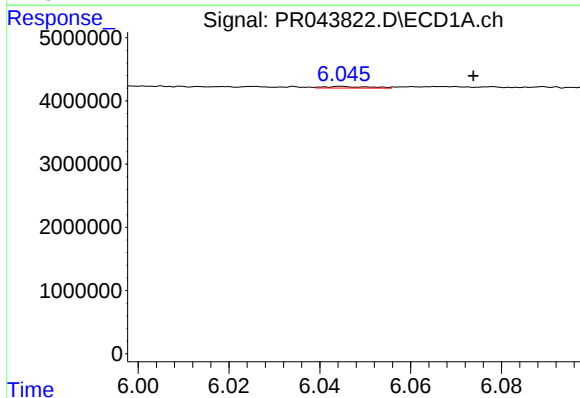
R.T.: 5.976 min  
Delta R.T.: 0.002 min  
Response: 732895  
Conc: 4.45 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



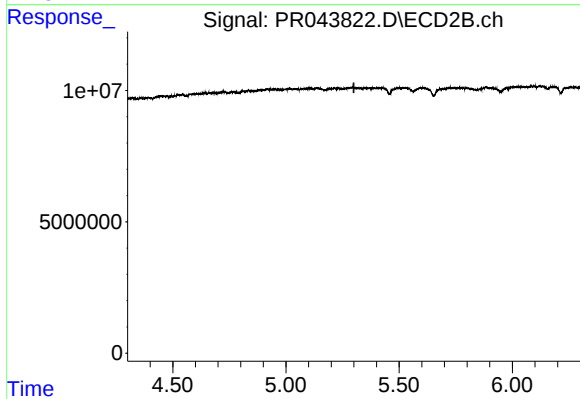
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.260 min  
Response: 0  
Conc: N.D.



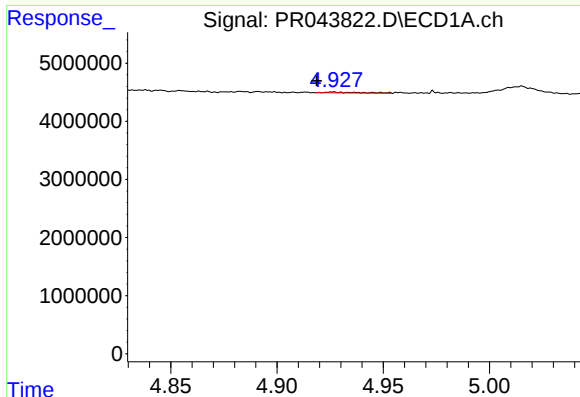
#6 AR-1016-4

R.T.: 6.045 min  
Delta R.T.: -0.029 min  
Response: 185458  
Conc: 1.35 ng/ml



#6 AR-1016-4

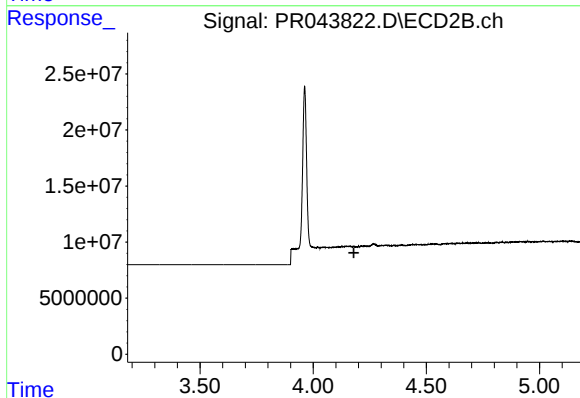
R.T.: 0.000 min  
Exp R.T. : 5.300 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

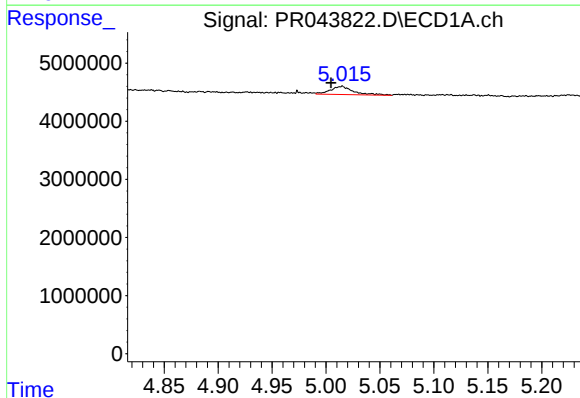
R.T.: 4.926 min  
Delta R.T.: 0.008 min  
Response: 185569  
Conc: 3.23 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



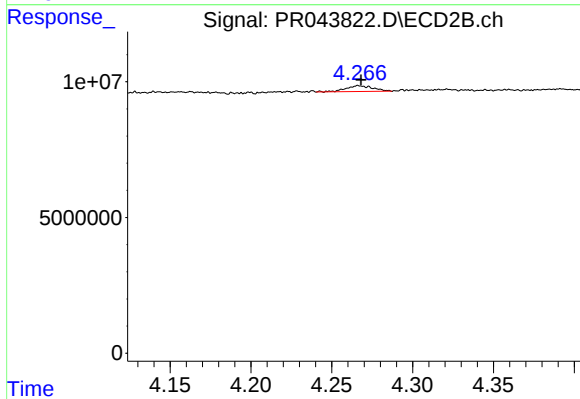
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.180 min  
Response: 0  
Conc: N.D.



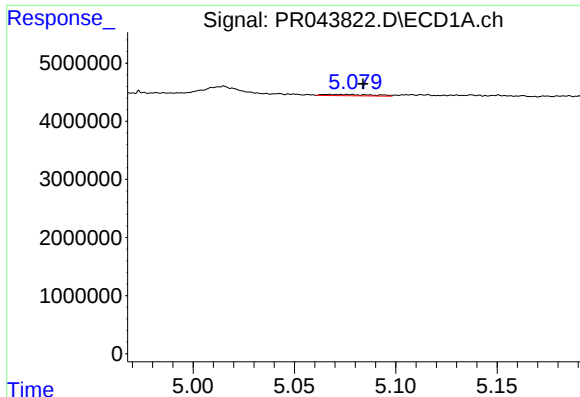
#9 AR-1221-2

R.T.: 5.015 min  
Delta R.T.: 0.010 min  
Response: 2100430  
Conc: 51.40 ng/ml



#9 AR-1221-2

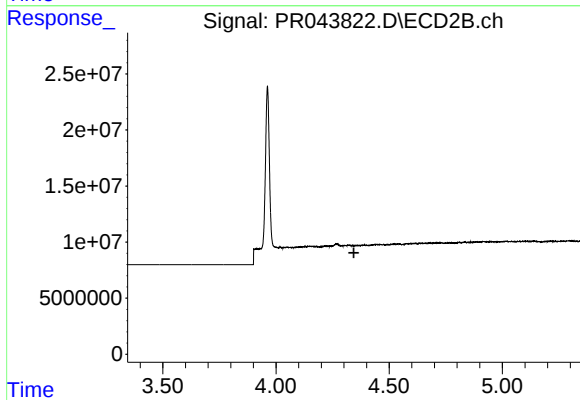
R.T.: 4.266 min  
Delta R.T.: -0.002 min  
Response: 2551815  
Conc: 41.68 ng/ml



#10 AR-1221-3

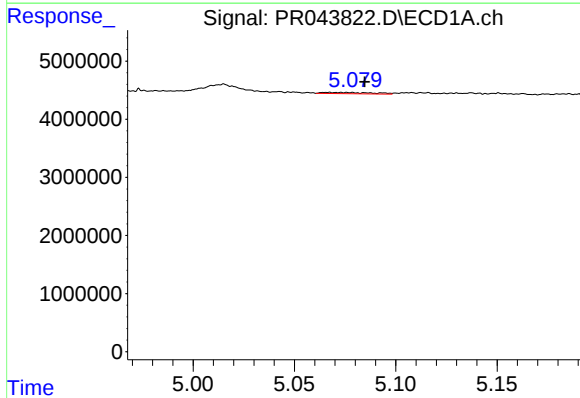
R.T.: 5.066 min  
Delta R.T.: -0.017 min  
Response: 360765  
Conc: 2.62 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



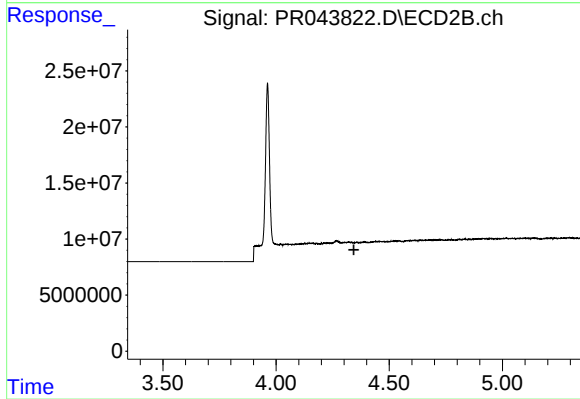
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.344 min  
Response: 0  
Conc: N.D.



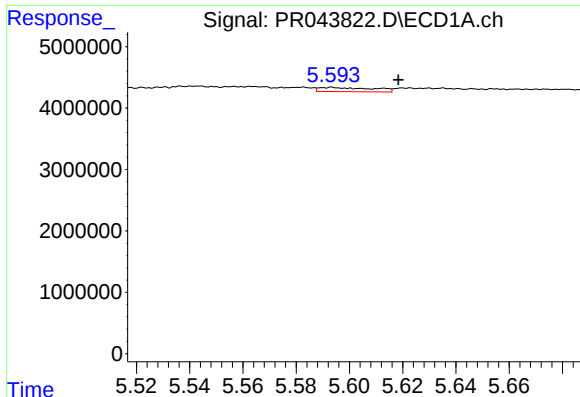
#11 AR-1232-1

R.T.: 5.066 min  
Delta R.T.: -0.018 min  
Response: 360765  
Conc: 3.36 ng/ml



#11 AR-1232-1

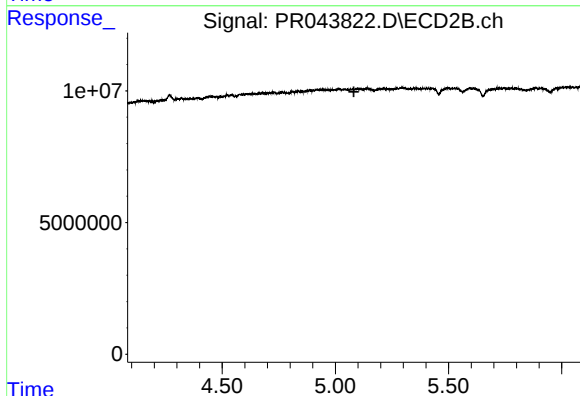
R.T.: 0.000 min  
Exp R.T. : 4.344 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

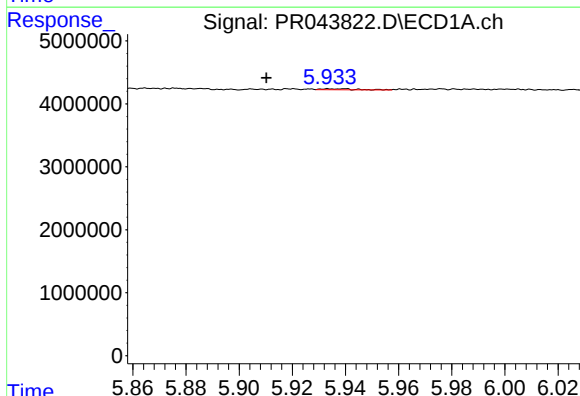
R.T.: 5.593 min  
Delta R.T.: -0.025 min  
Response: 966206  
Conc: 17.46 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



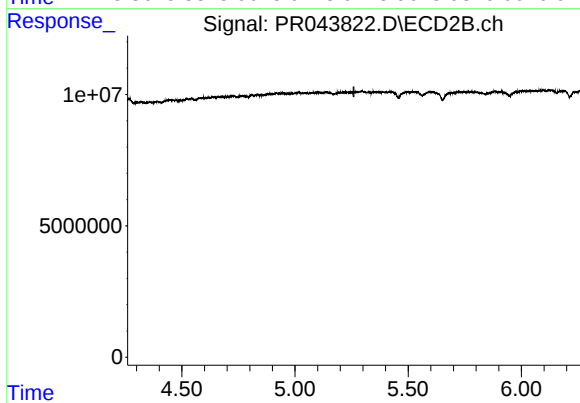
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.082 min  
Response: 0  
Conc: N.D.



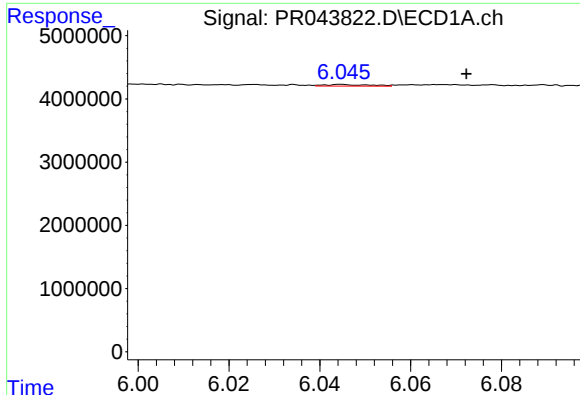
#13 AR-1232-3

R.T.: 5.934 min  
Delta R.T.: 0.024 min  
Response: 145425  
Conc: 1.28 ng/ml



#13 AR-1232-3

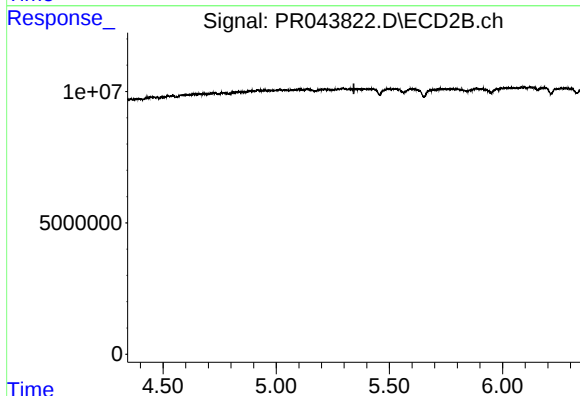
R.T.: 0.000 min  
Exp R.T. : 5.260 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

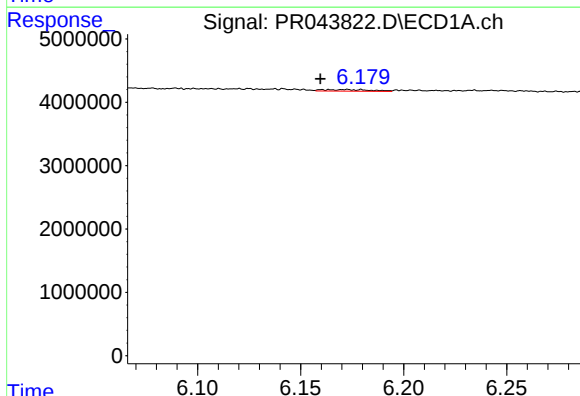
R.T.: 6.045 min  
Delta R.T.: -0.028 min  
Response: 185458  
Conc: 3.19 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



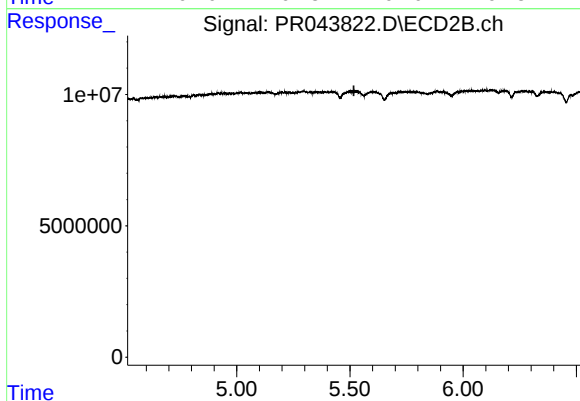
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.343 min  
Response: 0  
Conc: N.D.



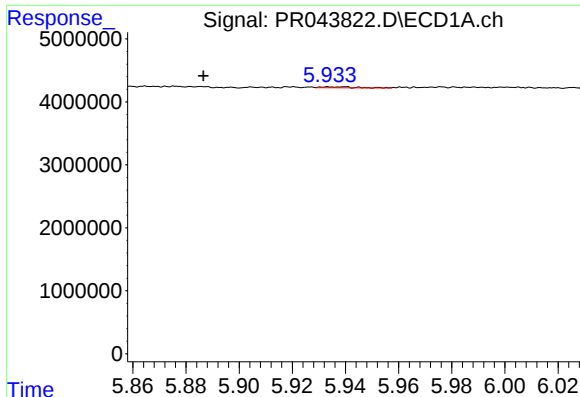
#15 AR-1232-5

R.T.: 6.172 min  
Delta R.T.: 0.013 min  
Response: 373171  
Conc: 8.36 ng/ml



#15 AR-1232-5

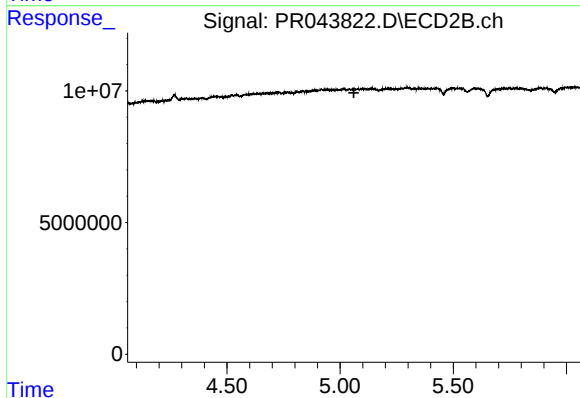
R.T.: 0.000 min  
Exp R.T. : 5.517 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

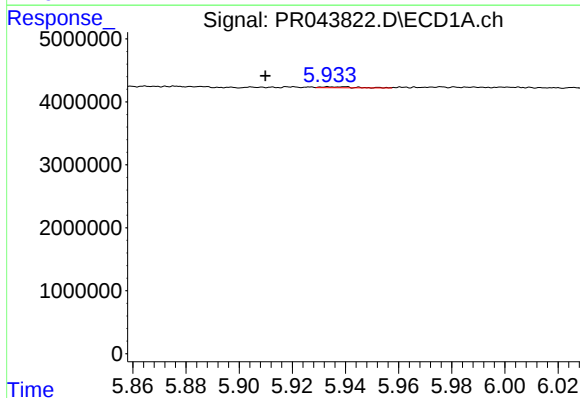
R.T.: 5.934 min  
Delta R.T.: 0.047 min  
Response: 145425  
Conc: 0.89 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



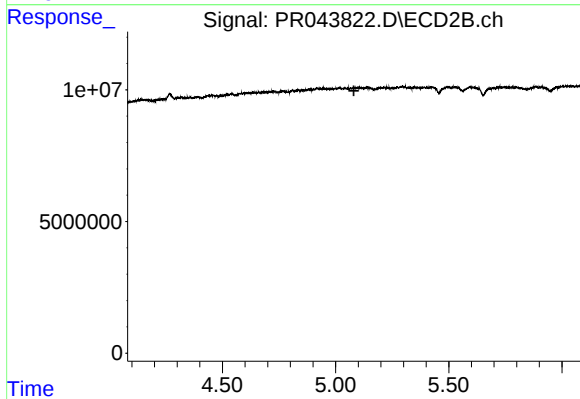
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.061 min  
Response: 0  
Conc: N.D.



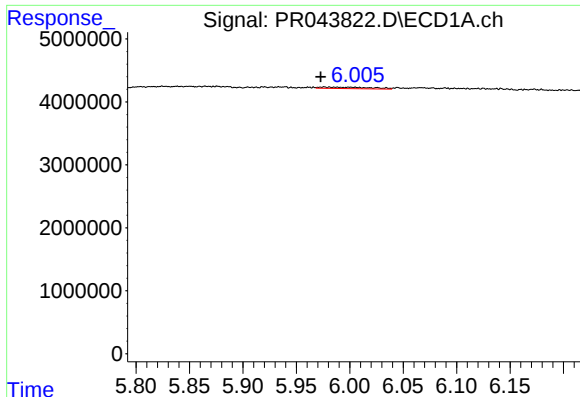
#17 AR-1242-2

R.T.: 5.934 min  
Delta R.T.: 0.024 min  
Response: 145425  
Conc: 0.64 ng/ml



#17 AR-1242-2

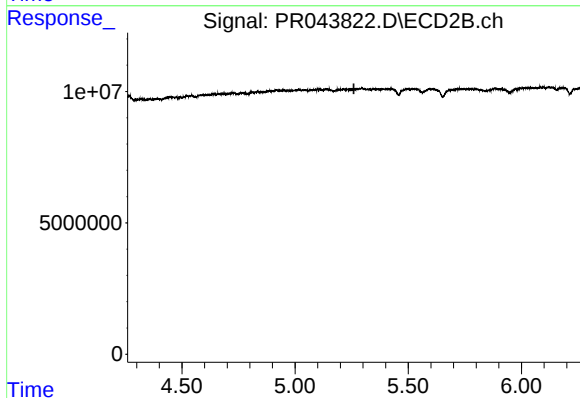
R.T.: 0.000 min  
Exp R.T. : 5.081 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

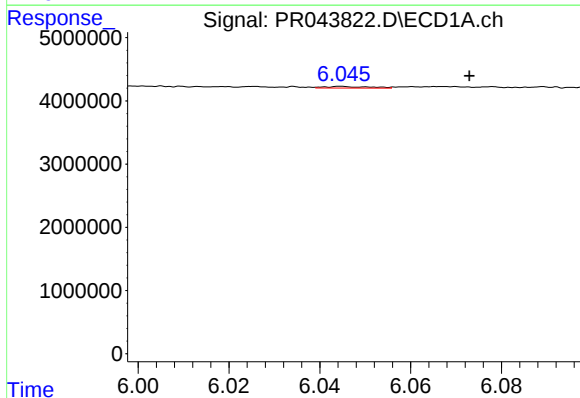
R.T.: 5.976 min  
Delta R.T.: 0.003 min  
Response: 732895  
Conc: 5.33 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



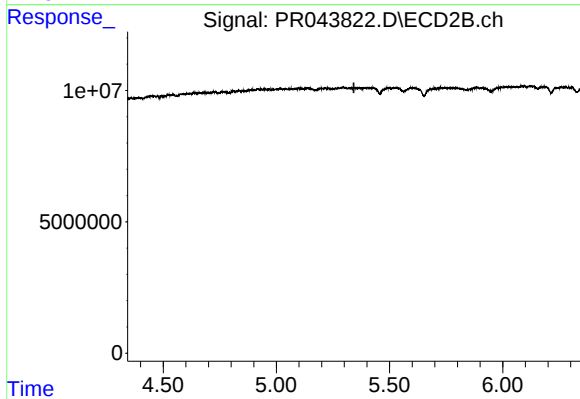
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.260 min  
Response: 0  
Conc: N.D.



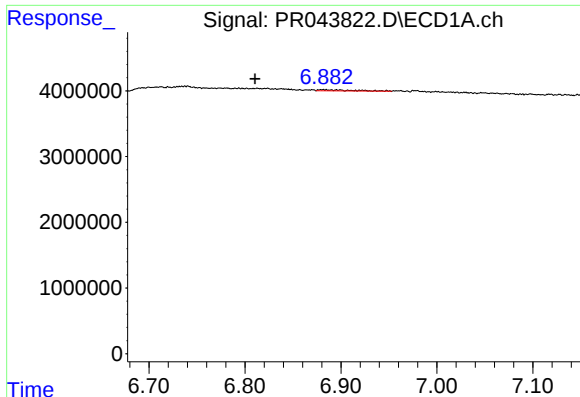
#19 AR-1242-4

R.T.: 6.045 min  
Delta R.T.: -0.028 min  
Response: 185458  
Conc: 1.62 ng/ml



#19 AR-1242-4

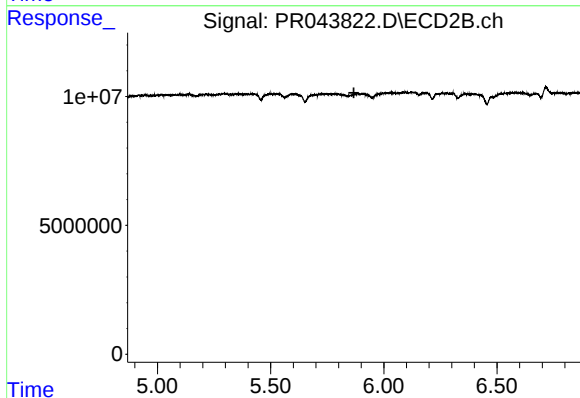
R.T.: 0.000 min  
Exp R.T. : 5.343 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

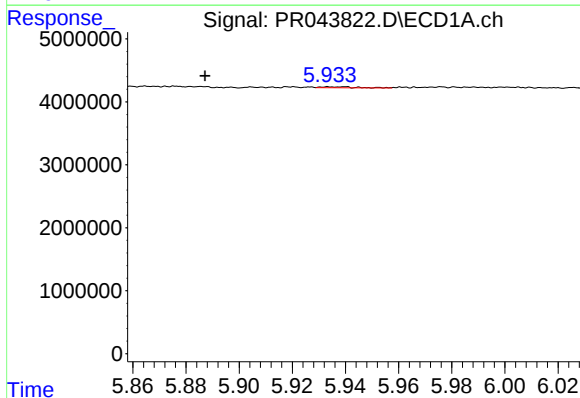
R.T.: 6.881 min  
Delta R.T.: 0.070 min  
Response: 384522  
Conc: 3.02 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



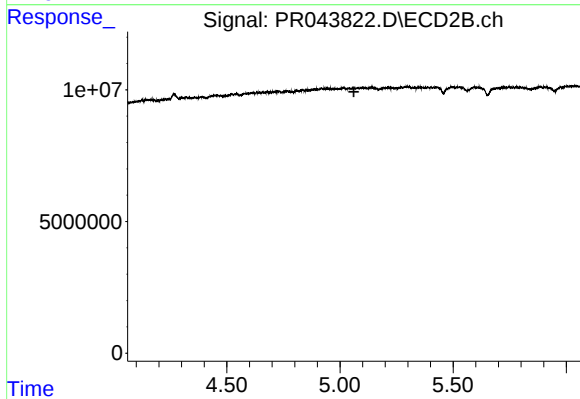
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 5.868 min  
Response: 0  
Conc: N.D.



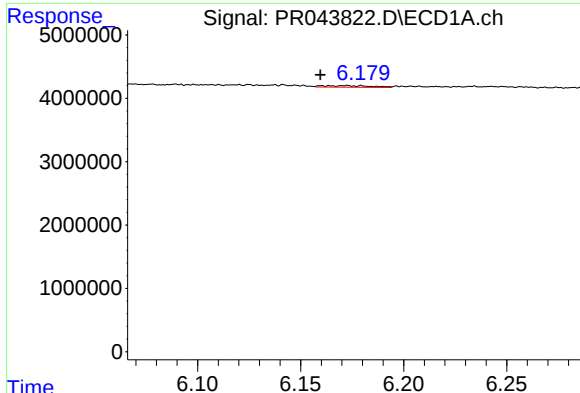
#21 AR-1248-1

R.T.: 5.934 min  
Delta R.T.: 0.047 min  
Response: 145425  
Conc: 1.23 ng/ml



#21 AR-1248-1

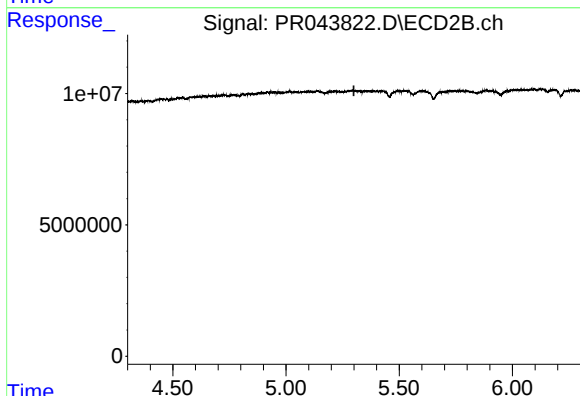
R.T.: 0.000 min  
Exp R.T. : 5.062 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

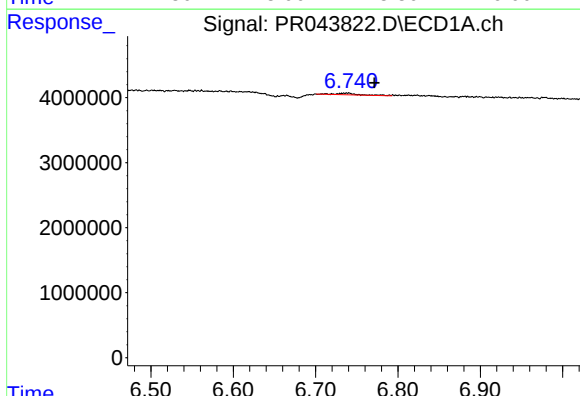
R.T.: 6.172 min  
Delta R.T.: 0.013 min  
Response: 373171  
Conc: 2.29 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



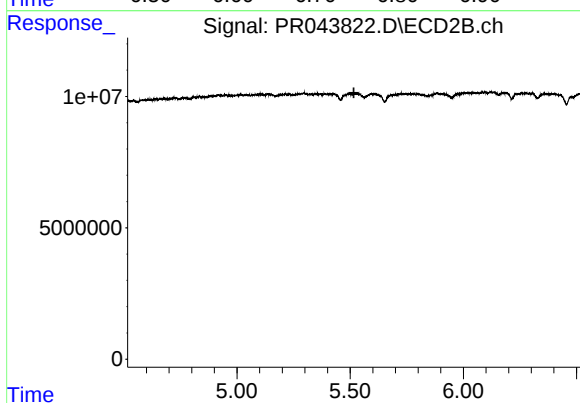
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.300 min  
Response: 0  
Conc: N.D.



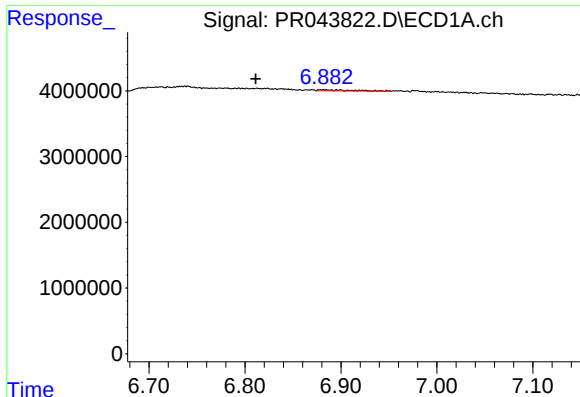
#24 AR-1248-4

R.T.: 6.740 min  
Delta R.T.: -0.031 min  
Response: 528033  
Conc: 2.52 ng/ml



#24 AR-1248-4

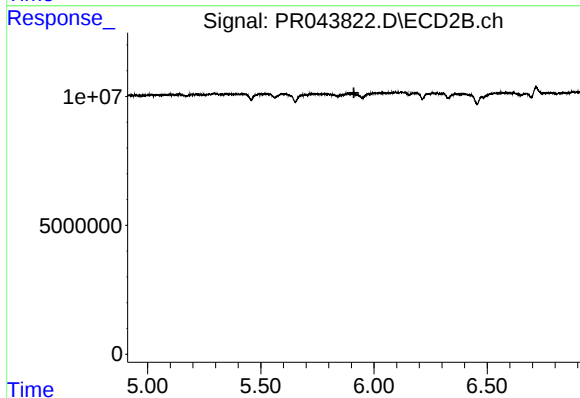
R.T.: 0.000 min  
Exp R.T. : 5.516 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

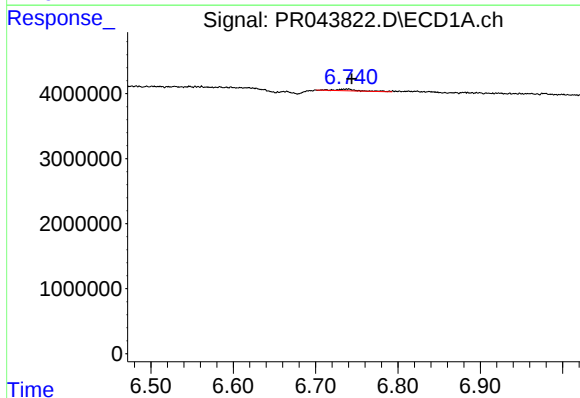
R.T.: 6.881 min  
Delta R.T.: 0.069 min  
Response: 384522  
Conc: 1.94 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



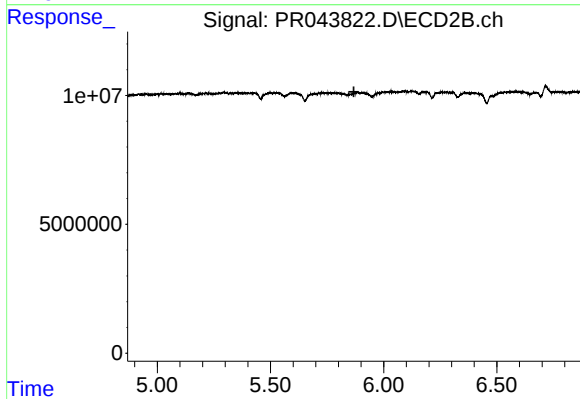
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.911 min  
Response: 0  
Conc: N.D.



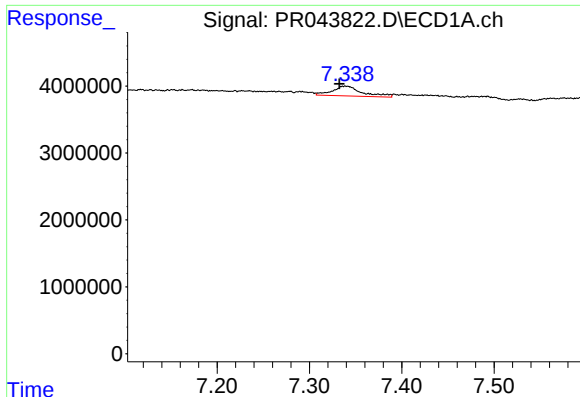
#26 AR-1254-1

R.T.: 6.740 min  
Delta R.T.: -0.004 min  
Response: 528033  
Conc: 2.42 ng/ml



#26 AR-1254-1

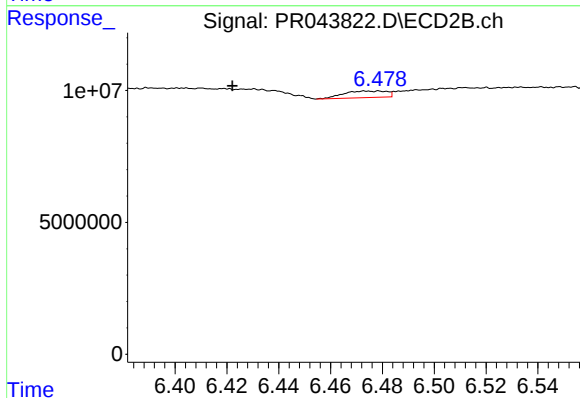
R.T.: 0.000 min  
Exp R.T. : 5.868 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

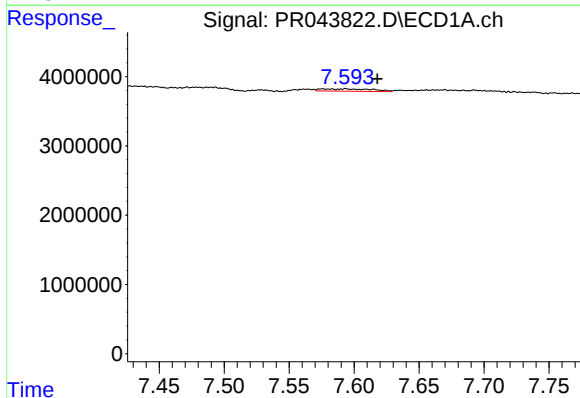
R.T.: 7.339 min  
Delta R.T.: 0.007 min  
Response: 3307094  
Conc: 9.45 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



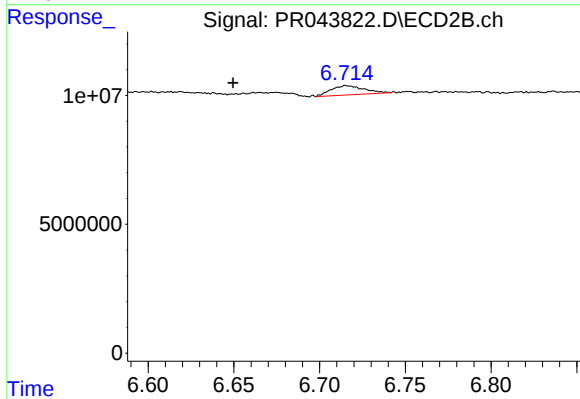
#28 AR-1254-3

R.T.: 6.473 min  
Delta R.T.: 0.051 min  
Response: 2878273  
Conc: 2.84 ng/ml



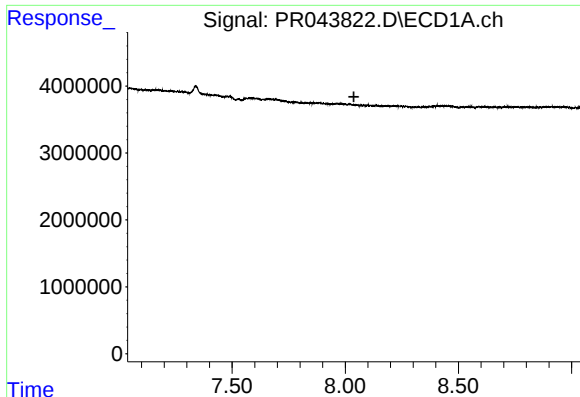
#29 AR-1254-4

R.T.: 7.594 min  
Delta R.T.: -0.024 min  
Response: 935474  
Conc: 3.74 ng/ml



#29 AR-1254-4

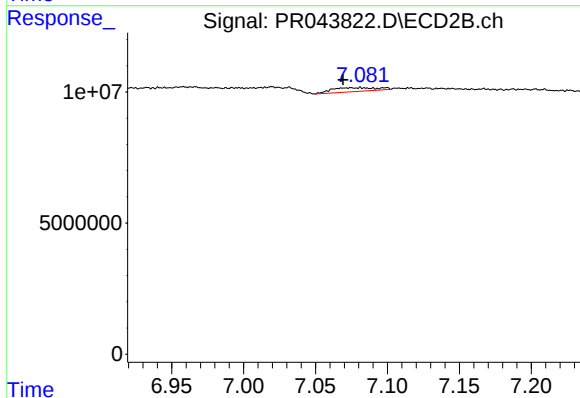
R.T.: 6.715 min  
Delta R.T.: 0.066 min  
Response: 4800117  
Conc: 6.67 ng/ml



#30 AR-1254-5

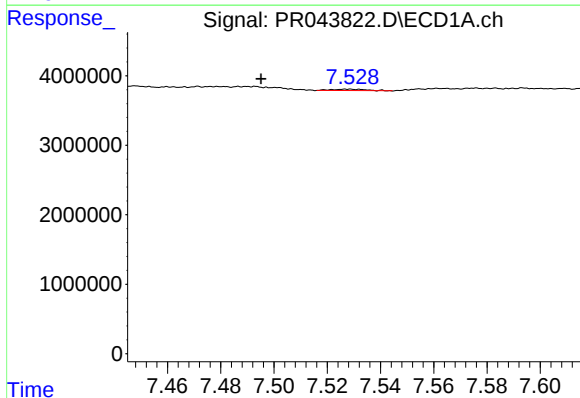
R.T.: 0.000 min  
Exp R.T.: 8.038 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



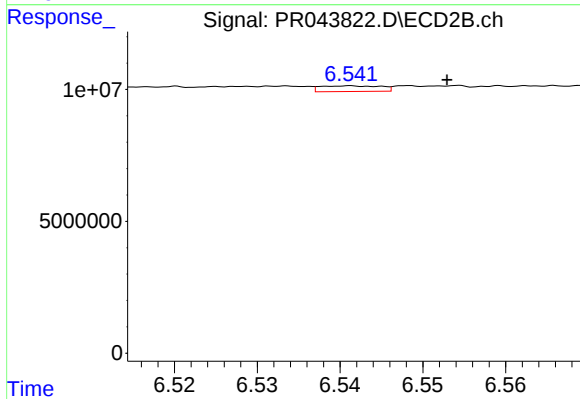
#30 AR-1254-5

R.T.: 7.081 min  
Delta R.T.: 0.012 min  
Response: 3250018  
Conc: 3.82 ng/ml



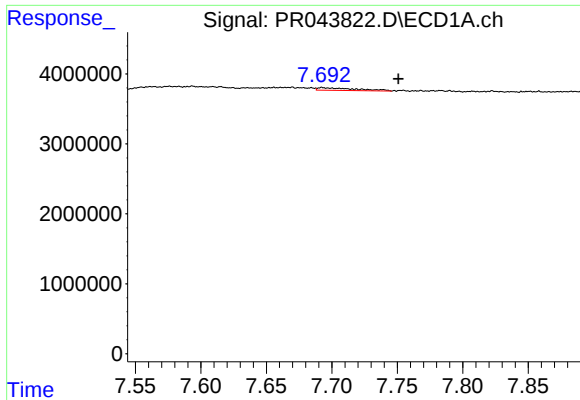
#31 AR-1260-1

R.T.: 7.528 min  
Delta R.T.: 0.033 min  
Response: 178363  
Conc: 0.72 ng/ml



#31 AR-1260-1

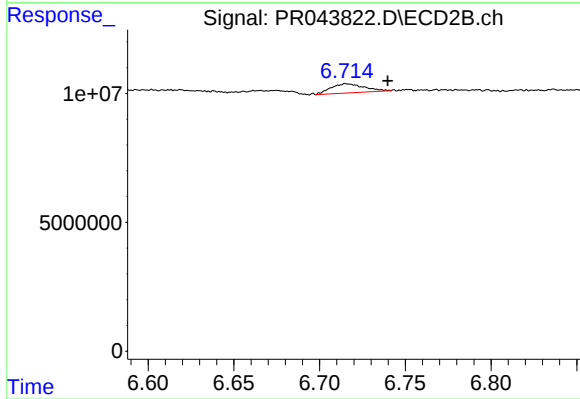
R.T.: 6.541 min  
Delta R.T.: -0.012 min  
Response: 1100153  
Conc: 1.62 ng/ml



#32 AR-1260-2

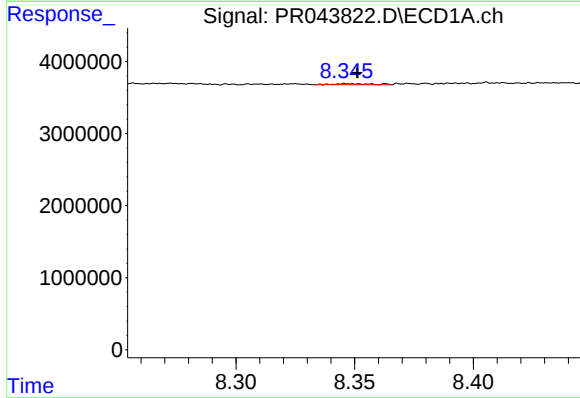
R.T.: 7.693 min  
Delta R.T.: -0.058 min  
Response: 746078  
Conc: 2.51 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



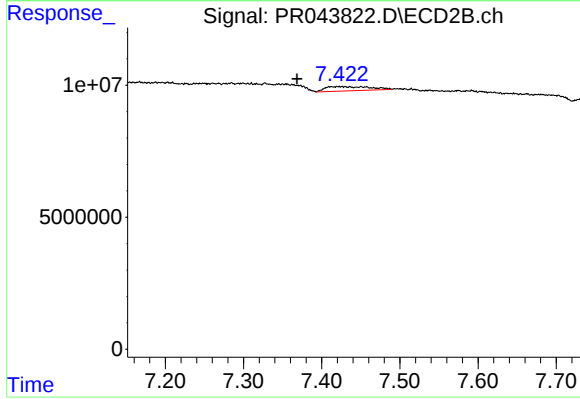
#32 AR-1260-2

R.T.: 6.715 min  
Delta R.T.: -0.024 min  
Response: 4800117  
Conc: 4.95 ng/ml



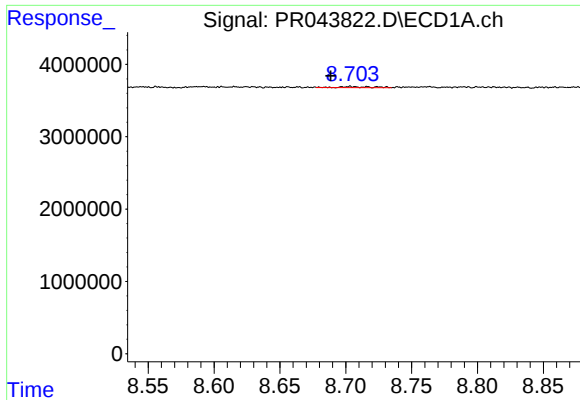
#34 AR-1260-4

R.T.: 8.346 min  
Delta R.T.: -0.005 min  
Response: 157438  
Conc: 0.63 ng/ml



#34 AR-1260-4

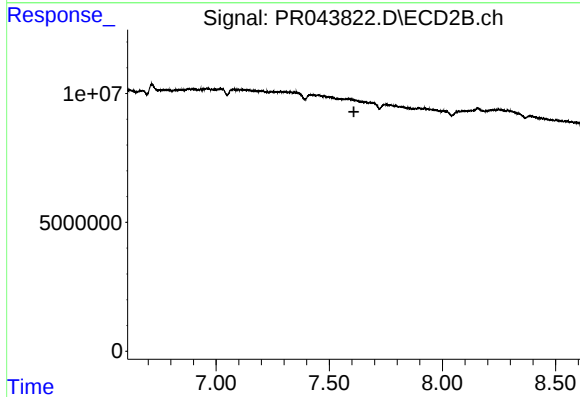
R.T.: 7.430 min  
Delta R.T.: 0.061 min  
Response: 6539622  
Conc: 10.31 ng/ml



#35 AR-1260-5

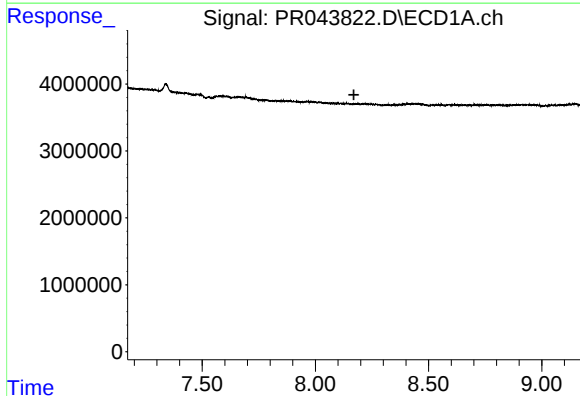
R.T.: 8.704 min  
Delta R.T.: 0.015 min  
Response: 244894  
Conc: 0.51 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



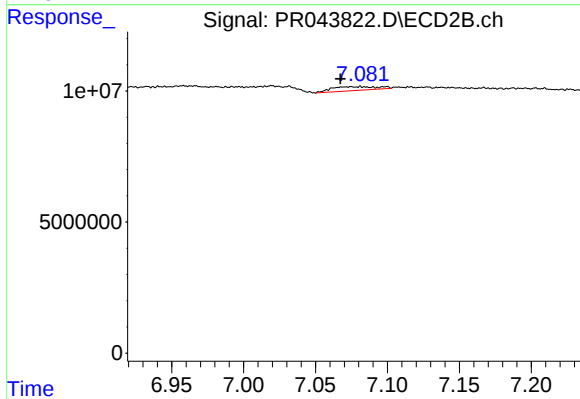
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.609 min  
Response: 0  
Conc: N.D.



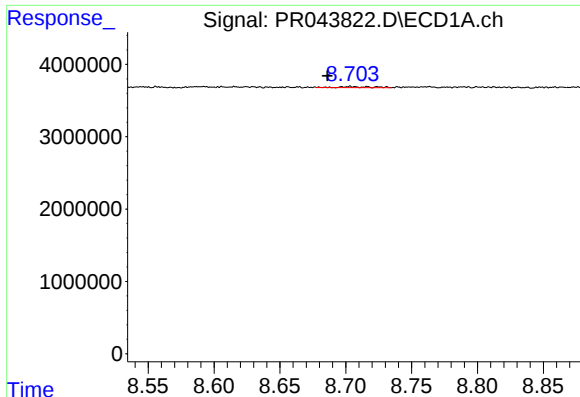
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 8.170 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

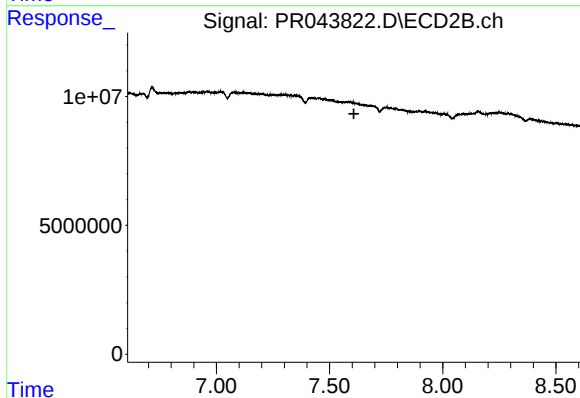
R.T.: 7.081 min  
Delta R.T.: 0.014 min  
Response: 3250018  
Conc: 6.57 ng/ml



#37 AR-1262-2

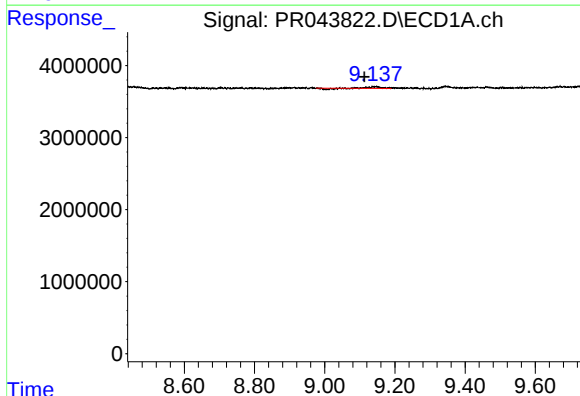
R.T.: 8.704 min  
Delta R.T.: 0.018 min  
Response: 244894  
Conc: 0.43 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



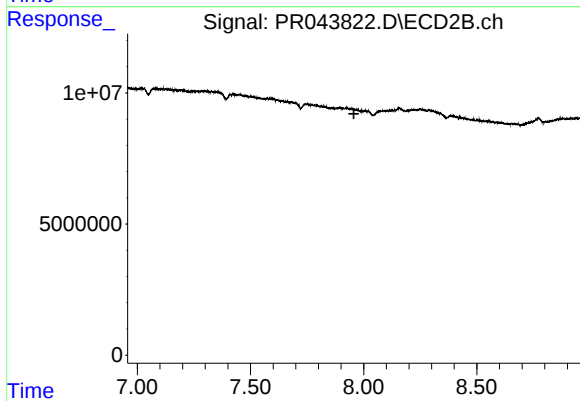
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.607 min  
Response: 0  
Conc: N.D.



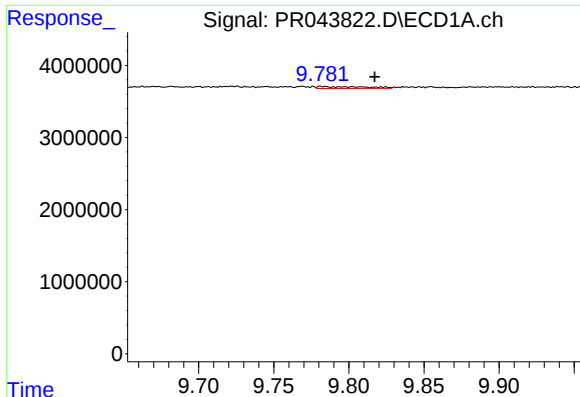
#39 AR-1262-4

R.T.: 9.148 min  
Delta R.T.: 0.034 min  
Response: 426919  
Conc: 1.60 ng/ml



#39 AR-1262-4

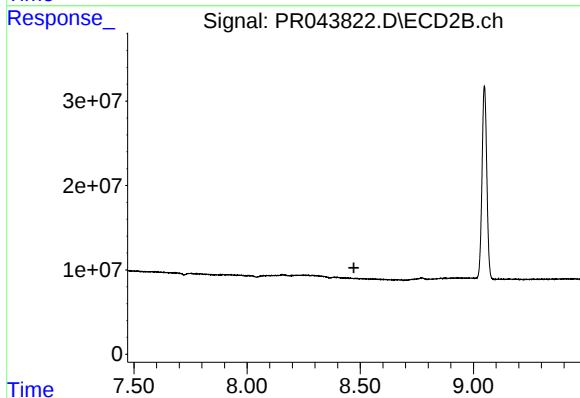
R.T.: 0.000 min  
Exp R.T. : 7.957 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

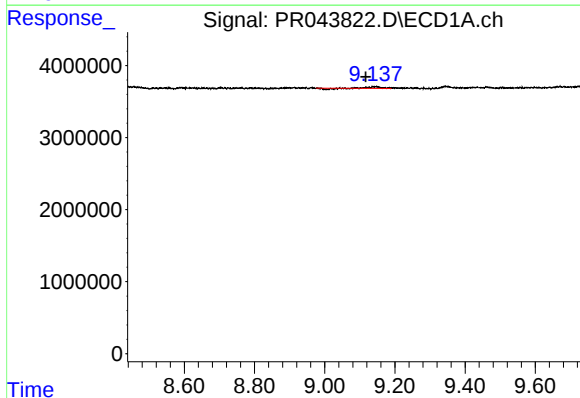
R.T.: 9.782 min  
Delta R.T.: -0.035 min  
Response: 601397  
Conc: 3.19 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



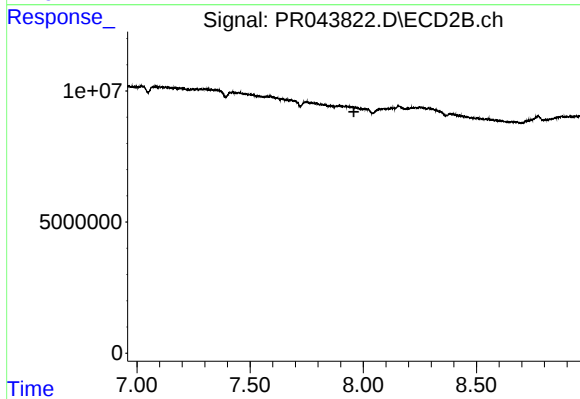
#40 AR-1262-5

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



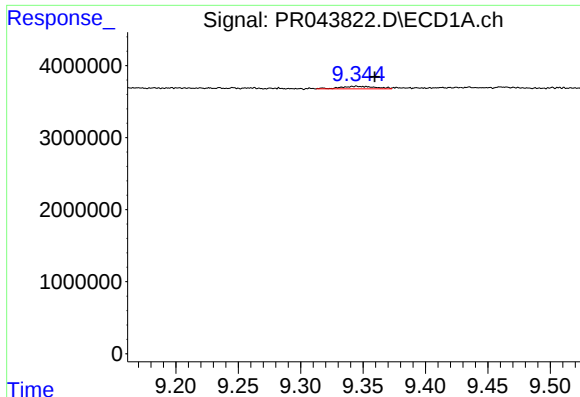
#42 AR-1268-2

R.T.: 9.148 min  
Delta R.T.: 0.031 min  
Response: 426919  
Conc: 0.74 ng/ml



#42 AR-1268-2

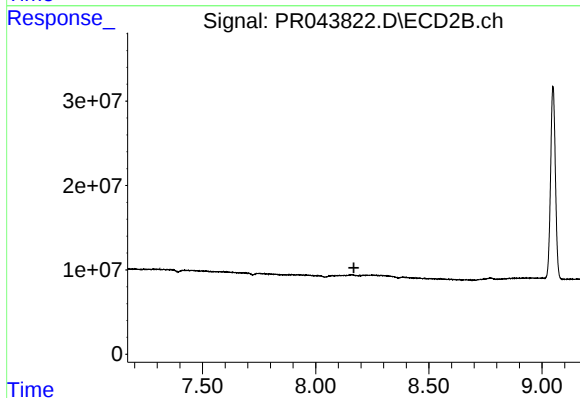
R.T.: 0.000 min  
Exp R.T. : 7.958 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

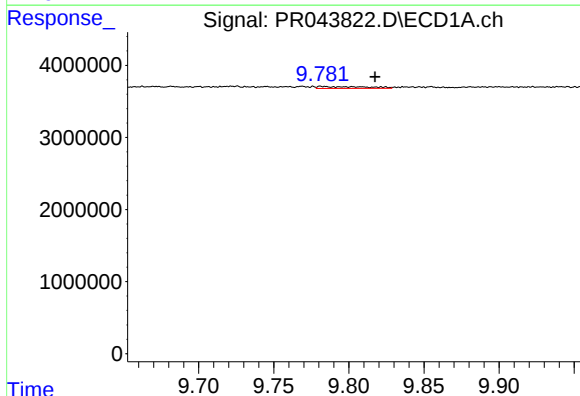
R.T.: 9.345 min  
Delta R.T.: -0.015 min  
Response: 683387  
Conc: 1.45 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



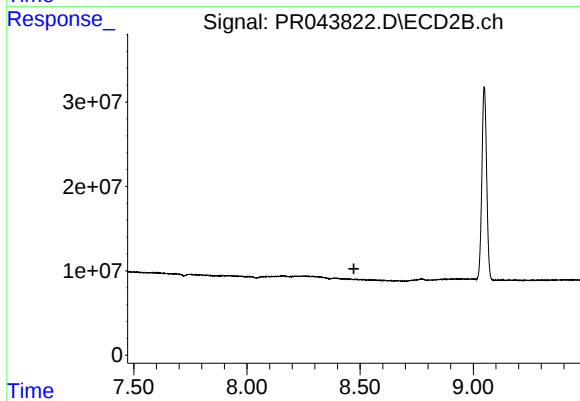
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.169 min  
Response: 0  
Conc: N.D.



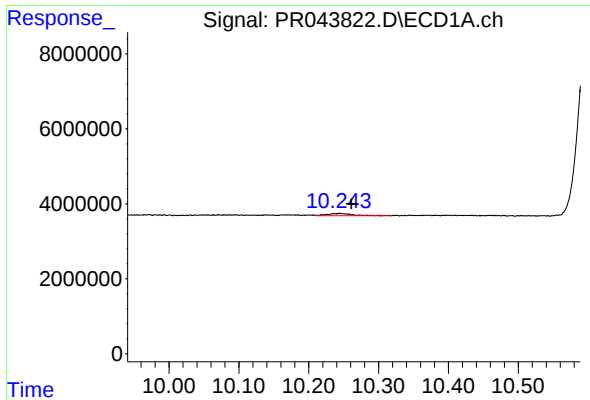
#44 AR-1268-4

R.T.: 9.782 min  
Delta R.T.: -0.035 min  
Response: 601397  
Conc: 2.94 ng/ml



#44 AR-1268-4

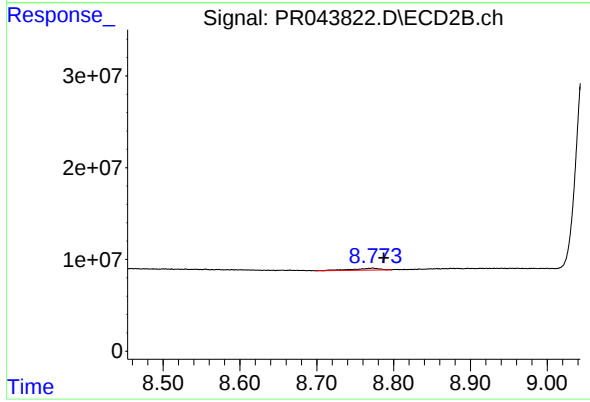
R.T.: 0.000 min  
Exp R.T. : 8.472 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.245 min  
Delta R.T.: -0.017 min  
Response: 1442608  
Conc: 0.92 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
ABLK44



#45 AR-1268-5

R.T.: 8.773 min  
Delta R.T.: -0.015 min  
Response: 4890444  
Conc: 1.16 ng/ml