

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP072621\  
 Data File : PP037700.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 26 Jul 2021 23:45  
 Operator : DD\AJ  
 Sample : M3193-12  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 12-A-12-B-12-C

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 27 04:59:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP070621.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 07 08:32:32 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1  | Resp#2 | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|--------|---------|--------|----------|-----------|
| -----                       |                 |        |        |         |        |          |           |
| System Monitoring Compounds |                 |        |        |         |        |          |           |
| 1)                          | SA Tetrachlo... | 4.956  | 3.947  | 1075592 | 609571 | 23.666   | 22.276    |
| 2)                          | SA Decachlor... | 10.983 | 9.236  | 1056689 | 568259 | 22.954   | 20.415    |
| Target Compounds            |                 |        |        |         |        |          |           |
| 4)                          | L1 AR-1016-2    | 6.310  | 0.000  | 140502  | 0      | 56.199   | N.D. #    |
| 5)                          | L1 AR-1016-3    | 6.357  | 0.000  | 10544   | 0      | 6.620    | N.D. #    |
| 6)                          | L1 AR-1016-4    | 6.472  | 0.000  | 9789    | 0      | 7.424    | N.D. #    |
| 7)                          | L1 AR-1016-5    | 6.820f | 0.000  | 192186  | 0      | 151.925  | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.308  | 4.295  | 12095   | 8901   | 29.855   | 37.811 #  |
| 10)                         | L2 AR-1221-3    | 5.405  | 0.000  | 17296   | 0      | 14.195   | N.D. #    |
| 11)                         | L3 AR-1232-1    | 5.405  | 0.000  | 17296   | 0      | 15.566   | N.D. #    |
| 13)                         | L3 AR-1232-3    | 6.310  | 0.000  | 140502  | 0      | 128.399  | N.D. #    |
| 14)                         | L3 AR-1232-4    | 6.472  | 5.502  | 9789    | 112718 | 16.860   | 408.828 # |
| 15)                         | L3 AR-1232-5    | 6.566  | 0.000  | 561311  | 0      | 1459.517 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 6.310f | 0.000  | 140502  | 0      | 110.224  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 6.310  | 0.000  | 140502  | 0      | 77.492   | N.D. #    |
| 18)                         | L4 AR-1242-3    | 6.357  | 0.000  | 10544   | 0      | 9.167    | N.D. #    |
| 19)                         | L4 AR-1242-4    | 6.472  | 5.502  | 9789    | 112718 | 10.225   | 218.710 # |
| 20)                         | L4 AR-1242-5    | 7.261  | 0.000  | 22924   | 0      | 22.043   | N.D. #    |
| 22)                         | L5 AR-1248-2    | 6.566  | 0.000  | 561311  | 0      | 378.102  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 6.820f | 5.502  | 192186  | 112718 | 116.349  | 131.715   |
| 24)                         | L5 AR-1248-4    | 7.221  | 0.000  | 40916   | 0      | 21.647   | N.D. #    |
| 25)                         | L5 AR-1248-5    | 7.261  | 0.000  | 22924   | 0      | 12.248   | N.D. #    |
| 26)                         | L6 AR-1254-1    | 7.185  | 0.000  | 112414  | 0      | 62.574   | N.D. #    |
| 27)                         | L6 AR-1254-2    | 7.414  | 6.229  | 76228   | 25516  | 27.404   | 19.643 #  |
| 28)                         | L6 AR-1254-3    | 7.790  | 0.000  | 176240  | 0      | 57.165   | N.D. #    |
| 29)                         | L6 AR-1254-4    | 8.091  | 6.884  | 8583    | 33955  | 3.778    | 25.027 #  |
| 30)                         | L6 AR-1254-5    | 8.520  | 0.000  | 19150   | 0      | 7.653    | N.D. #    |
| 31)                         | L7 AR-1260-1    | 7.947f | 0.000  | 48312   | 0      | 21.946   | N.D. #    |
| 32)                         | L7 AR-1260-2    | 8.227  | 0.000  | 141616  | 0      | 50.908   | N.D. #    |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.134  | 0       | 114320 | N.D.     | 66.721 #  |
| 34)                         | L7 AR-1260-4    | 8.823  | 0.000  | 11129   | 0      | 4.524    | N.D. #    |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.851f | 0       | 136149 | N.D.     | 42.211 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.851f | 0       | 136149 | N.D.     | 39.138 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.151  | 0       | 20134  | N.D.     | 14.300 #  |
| 39)                         | L8 AR-1262-4    | 9.578f | 8.235  | 60070   | 159256 | 20.443   | 59.803 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.705f | 0       | 25083  | N.D.     | 19.844 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.151  | 0       | 20134  | N.D.     | 5.052 #   |
| 42)                         | L9 AR-1268-2    | 9.578  | 8.235  | 60070   | 159256 | 10.451   | 43.029 #  |
| 43)                         | L9 AR-1268-3    | 9.780  | 8.433  | -3437   | 96477  | N.D.     | 30.712 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.705f | 0       | 25083  | N.D.     | 18.302 #  |
| -----                       |                 |        |        |         |        |          |           |

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

Instrument :

ECD\_P

ClientSampleId :

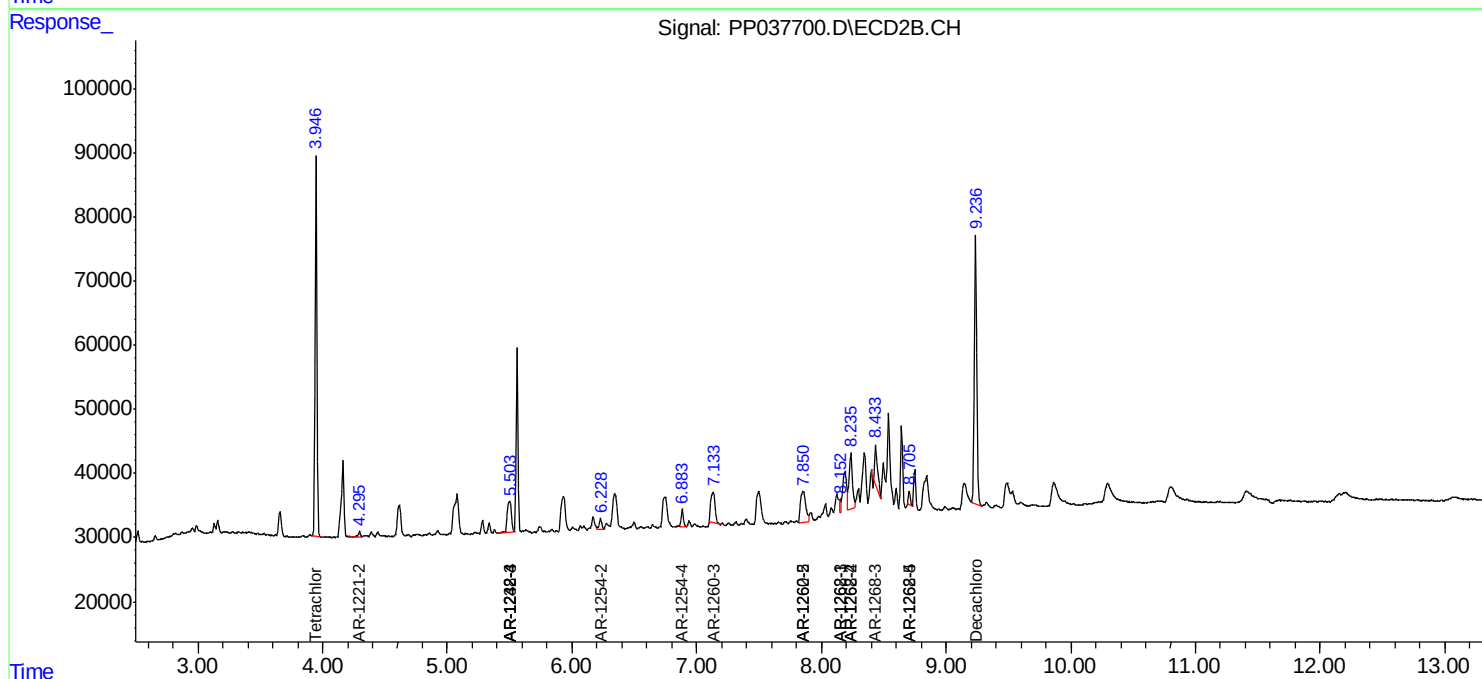
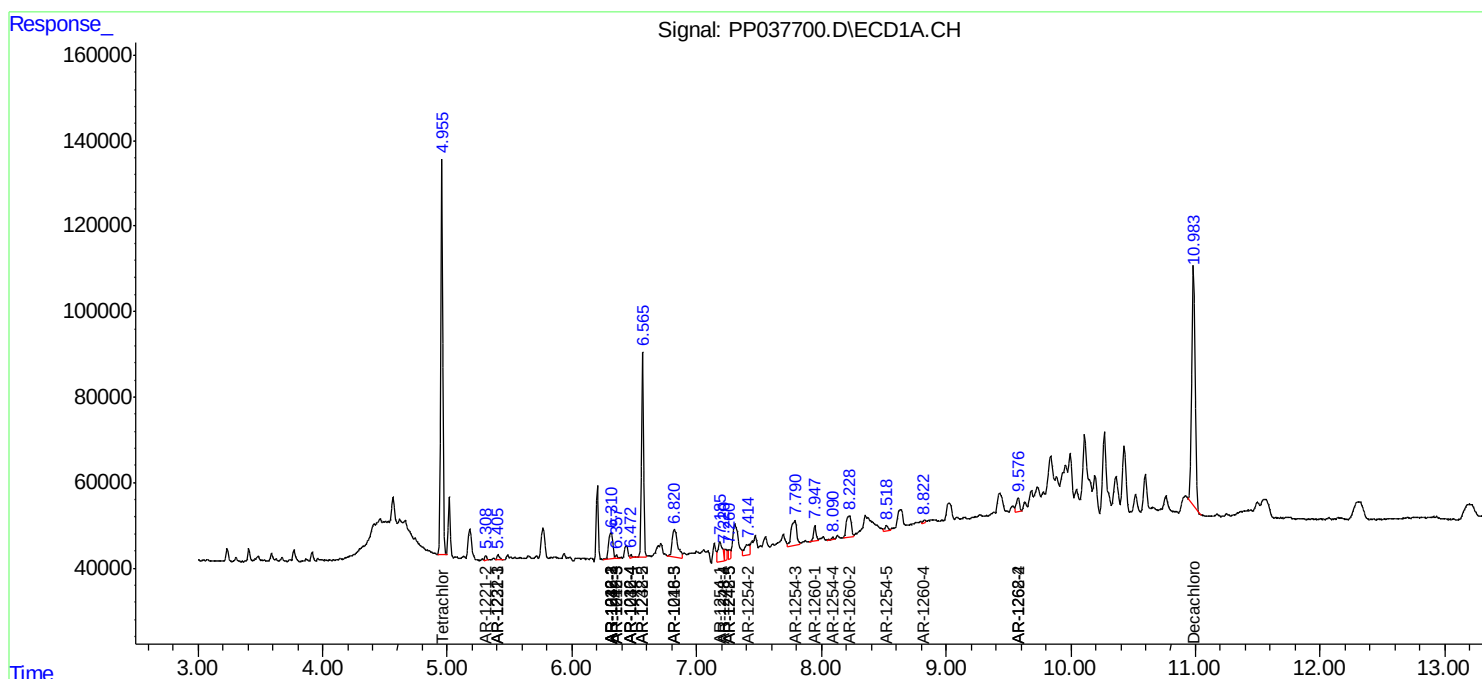
12-A-12-B-12-C

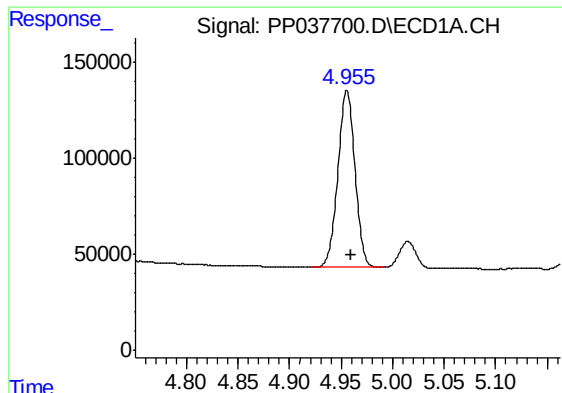
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP072621\  
Data File : PP037700.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 26 Jul 2021 23:45  
Operator : DD\AJ  
Sample : M3193-12  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :  
12-A-12-B-12-C

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 27 04:59:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP070621.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 07 08:32:32 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

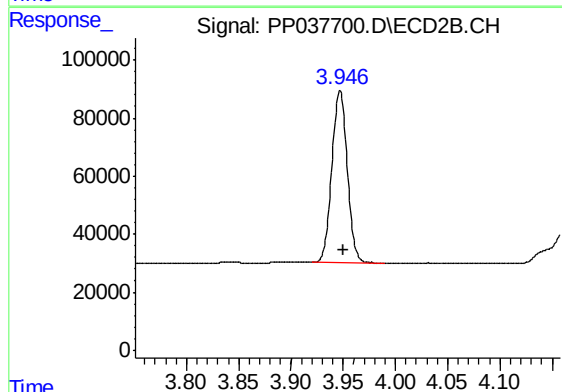




#1 Tetrachloro-m-xylene

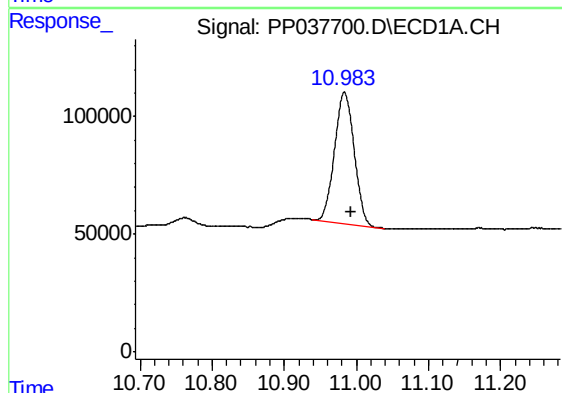
R.T.: 4.956 min  
Delta R.T.: -0.004 min  
Response: 1075592  
Conc: 23.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



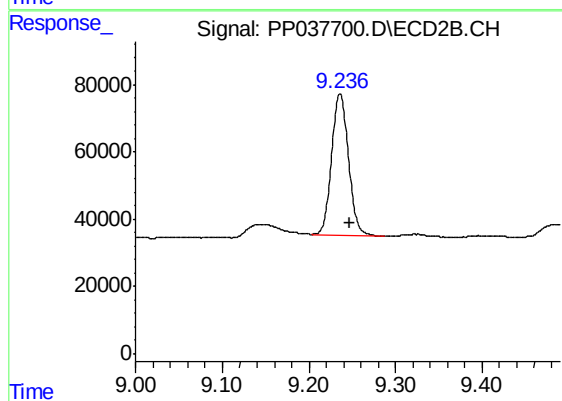
#1 Tetrachloro-m-xylene

R.T.: 3.947 min  
Delta R.T.: -0.003 min  
Response: 609571  
Conc: 22.28 ng/ml



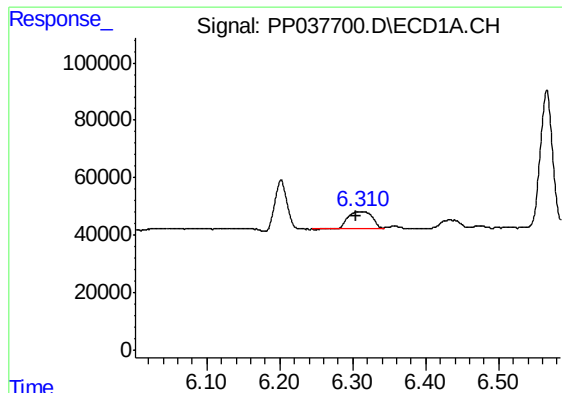
#2 Decachlorobiphenyl

R.T.: 10.983 min  
Delta R.T.: -0.009 min  
Response: 1056689  
Conc: 22.95 ng/ml



#2 Decachlorobiphenyl

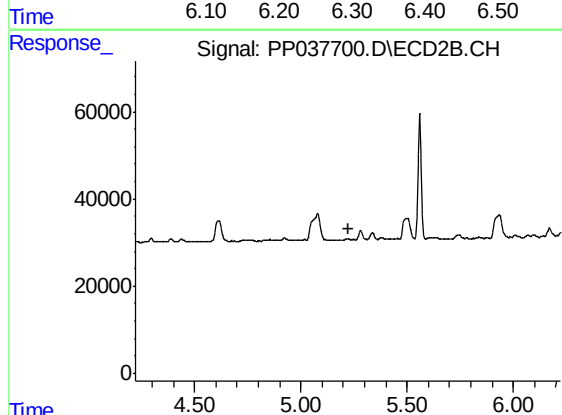
R.T.: 9.236 min  
Delta R.T.: -0.011 min  
Response: 568259  
Conc: 20.42 ng/ml



#4 AR-1016-2

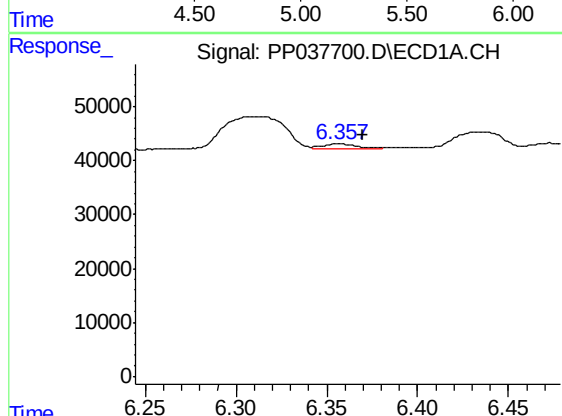
R.T.: 6.310 min  
Delta R.T.: 0.006 min  
Response: 140502  
Conc: 56.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



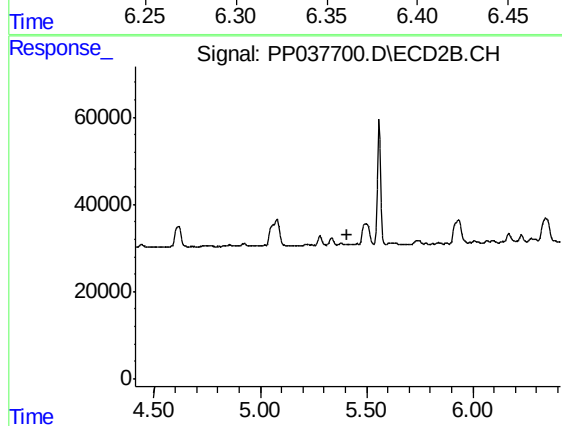
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.222 min  
Response: 0  
Conc: N.D.



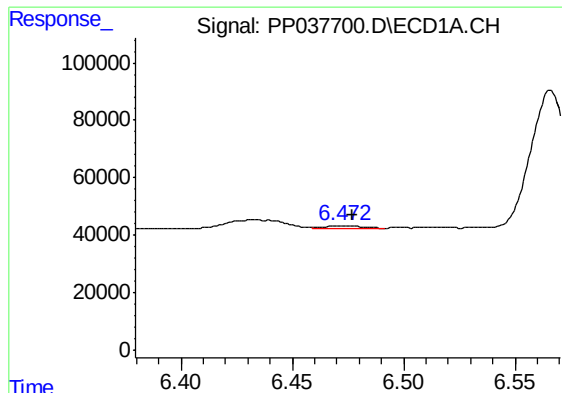
#5 AR-1016-3

R.T.: 6.357 min  
Delta R.T.: -0.013 min  
Response: 10544  
Conc: 6.62 ng/ml



#5 AR-1016-3

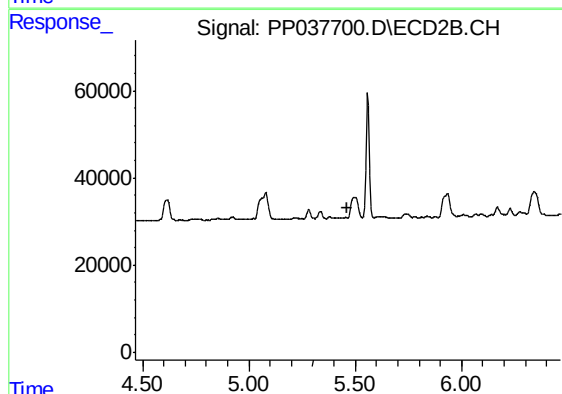
R.T.: 0.000 min  
Exp R.T. : 5.412 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

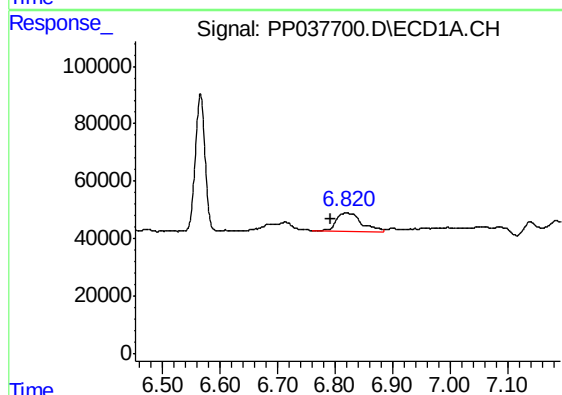
R.T.: 6.472 min  
Delta R.T.: -0.005 min  
Response: 9789  
Conc: 7.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



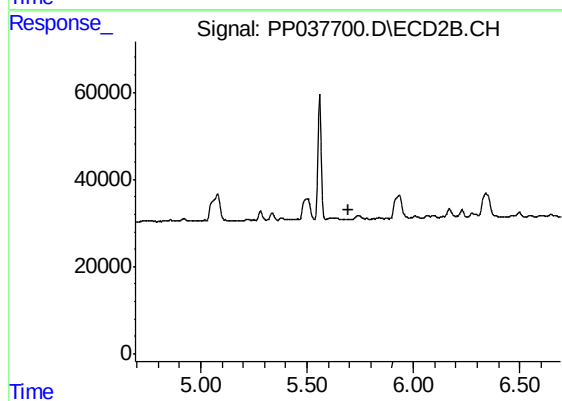
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.466 min  
Response: 0  
Conc: N.D.



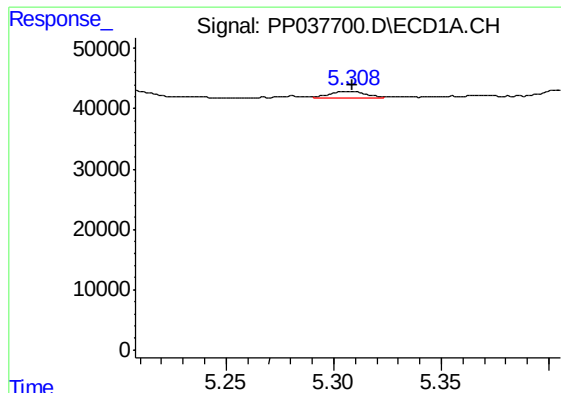
#7 AR-1016-5

R.T.: 6.820 min  
Delta R.T.: 0.028 min  
Response: 192186  
Conc: 151.92 ng/ml



#7 AR-1016-5

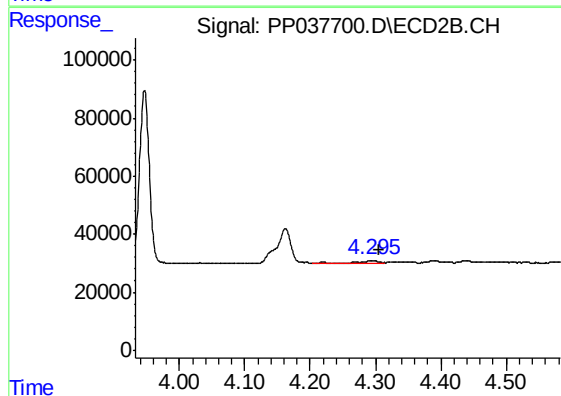
R.T.: 0.000 min  
Exp R.T. : 5.693 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

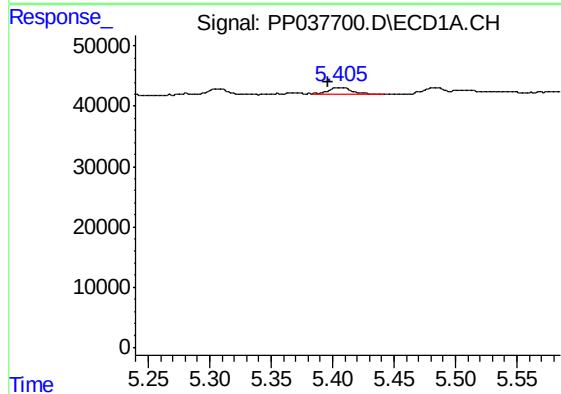
R.T.: 5.308 min  
Delta R.T.: 0.000 min  
Response: 12095  
Conc: 29.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



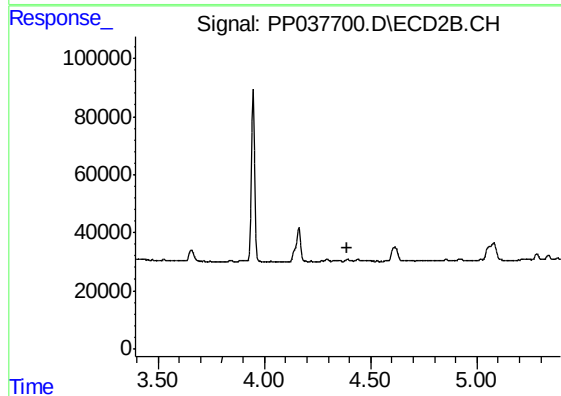
#9 AR-1221-2

R.T.: 4.295 min  
Delta R.T.: -0.010 min  
Response: 8901  
Conc: 37.81 ng/ml



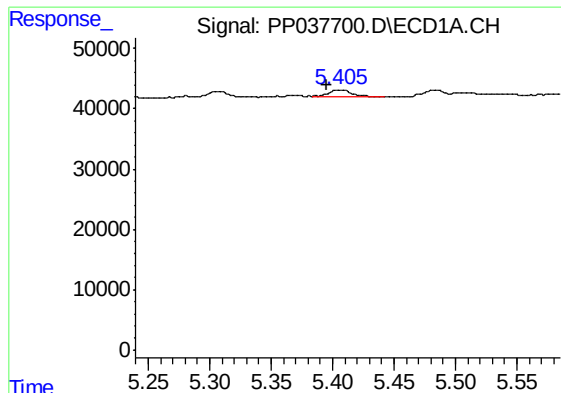
#10 AR-1221-3

R.T.: 5.405 min  
Delta R.T.: 0.009 min  
Response: 17296  
Conc: 14.20 ng/ml



#10 AR-1221-3

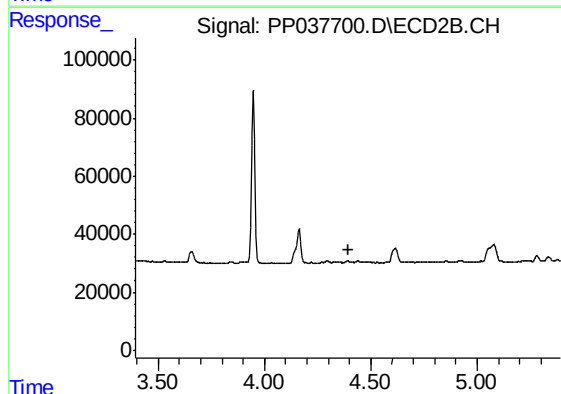
R.T.: 0.000 min  
Exp R.T. : 4.393 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

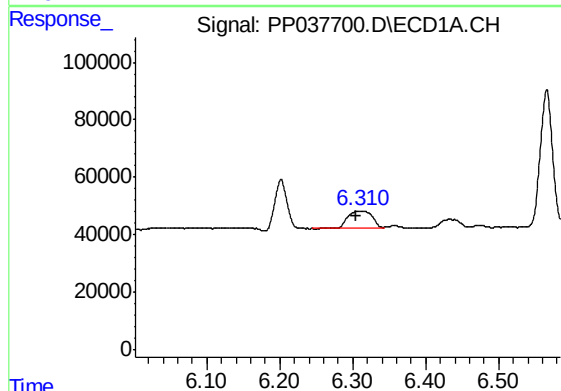
R.T.: 5.405 min  
Delta R.T.: 0.009 min  
Response: 17296  
Conc: 15.57 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



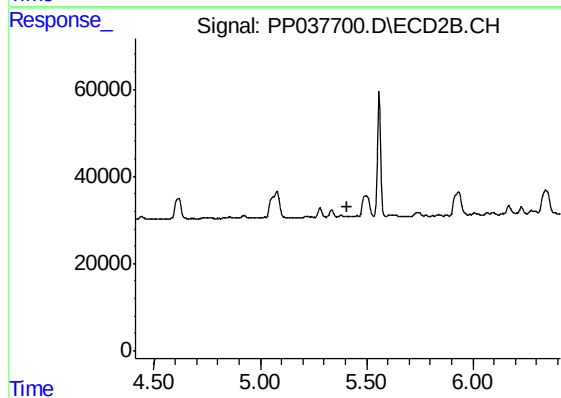
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.393 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

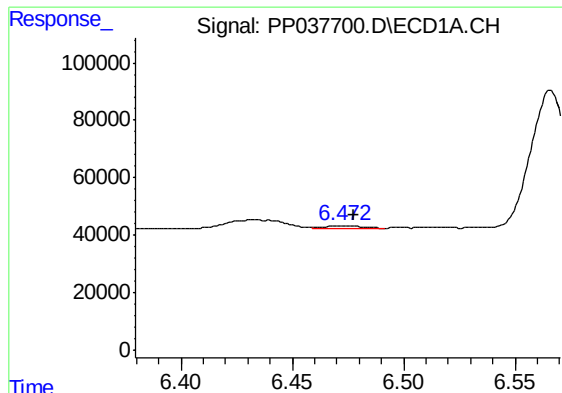
R.T.: 6.310 min  
Delta R.T.: 0.006 min  
Response: 140502  
Conc: 128.40 ng/ml



#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.412 min  
Response: 0  
Conc: N.D.

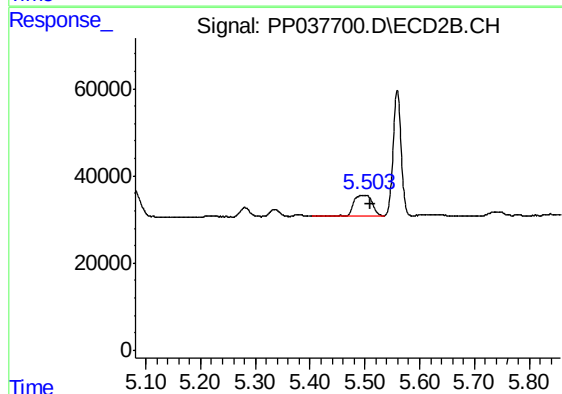




#14 AR-1232-4

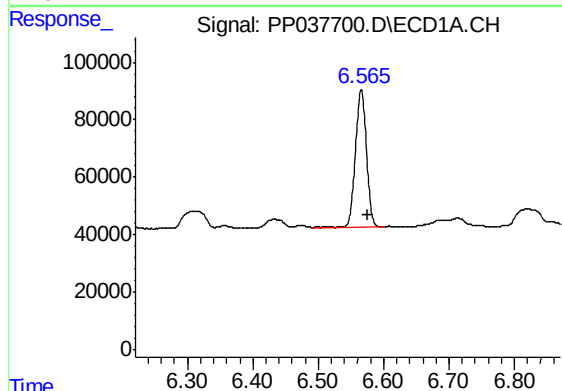
R.T.: 6.472 min  
Delta R.T.: -0.006 min  
Response: 9789  
Conc: 16.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



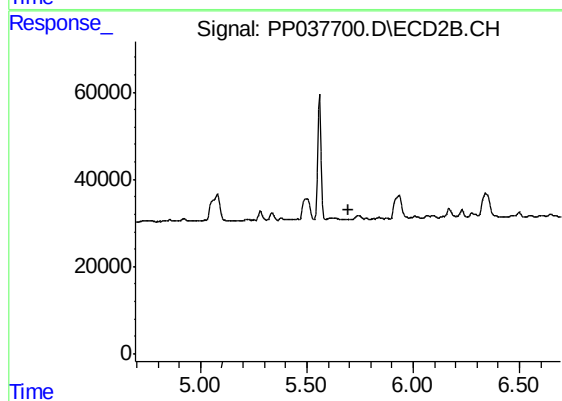
#14 AR-1232-4

R.T.: 5.502 min  
Delta R.T.: -0.009 min  
Response: 112718  
Conc: 408.83 ng/ml



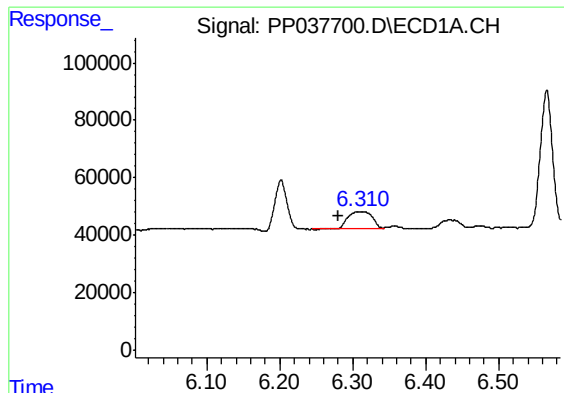
#15 AR-1232-5

R.T.: 6.566 min  
Delta R.T.: -0.009 min  
Response: 561311  
Conc: 1459.52 ng/ml



#15 AR-1232-5

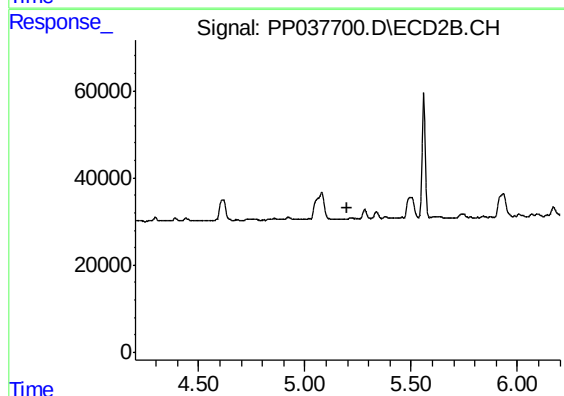
R.T.: 0.000 min  
Exp R.T. : 5.694 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

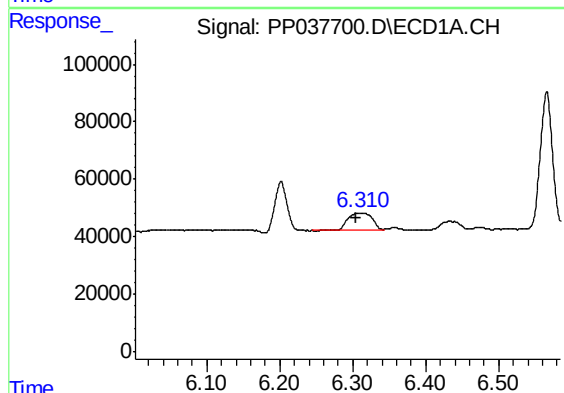
R.T.: 6.310 min  
Delta R.T.: 0.030 min  
Response: 140502  
Conc: 110.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



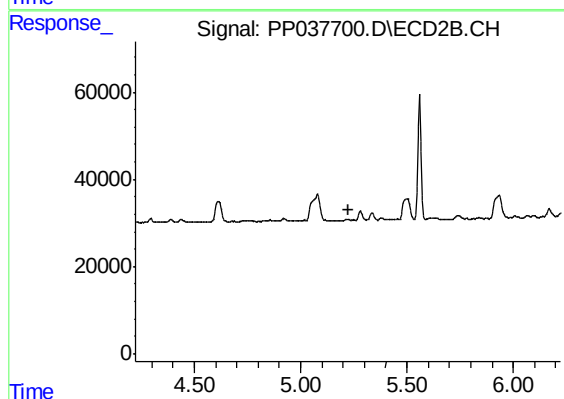
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.202 min  
Response: 0  
Conc: N.D.



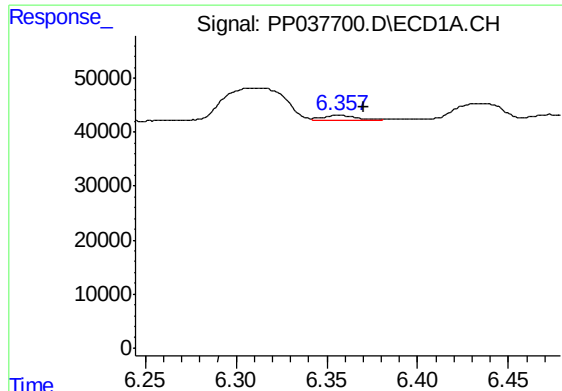
#17 AR-1242-2

R.T.: 6.310 min  
Delta R.T.: 0.006 min  
Response: 140502  
Conc: 77.49 ng/ml



#17 AR-1242-2

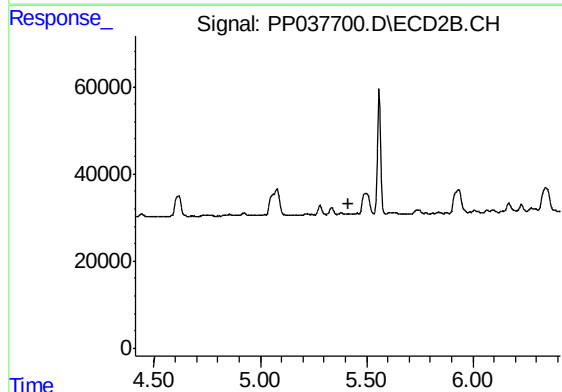
R.T.: 0.000 min  
Exp R.T. : 5.223 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

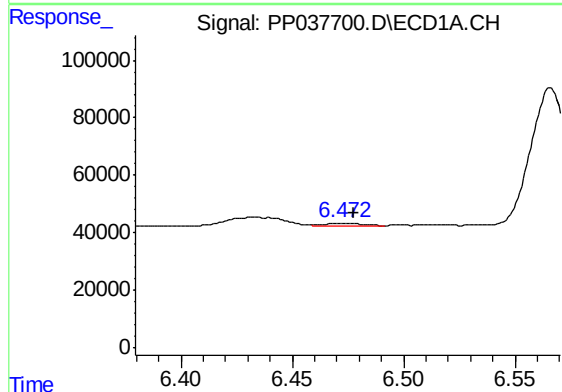
R.T.: 6.357 min  
Delta R.T.: -0.013 min  
Response: 10544  
Conc: 9.17 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



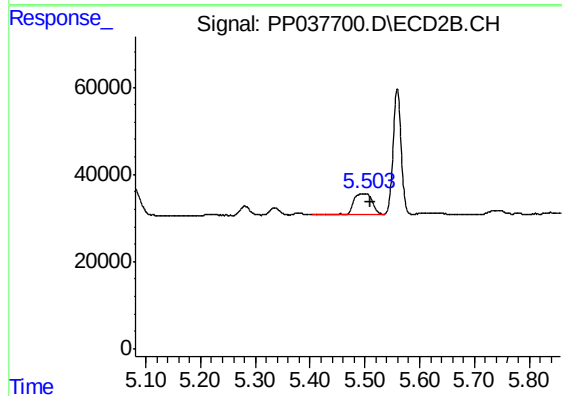
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.412 min  
Response: 0  
Conc: N.D.



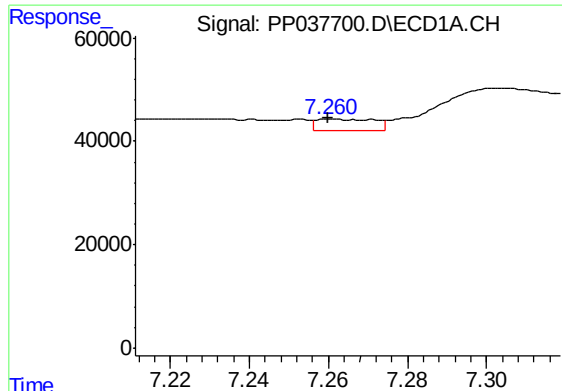
#19 AR-1242-4

R.T.: 6.472 min  
Delta R.T.: -0.006 min  
Response: 9789  
Conc: 10.23 ng/ml



#19 AR-1242-4

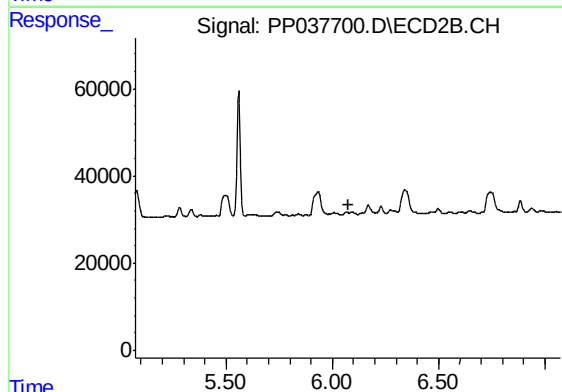
R.T.: 5.502 min  
Delta R.T.: -0.008 min  
Response: 112718  
Conc: 218.71 ng/ml



#20 AR-1242-5

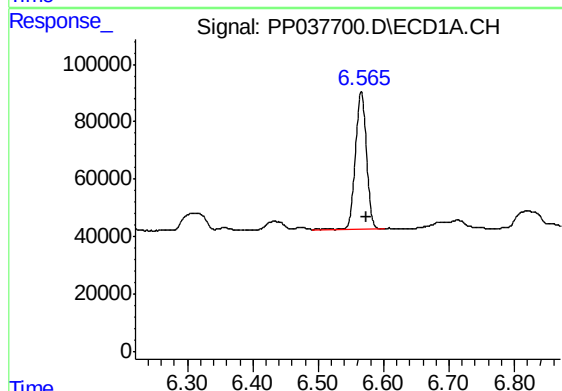
R.T.: 7.261 min  
Delta R.T.: 0.000 min  
Response: 22924  
Conc: 22.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



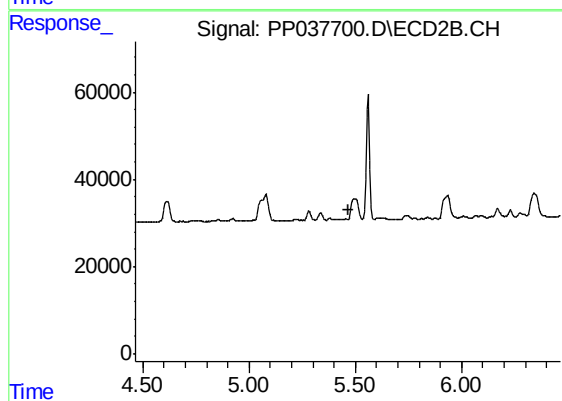
#20 AR-1242-5

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



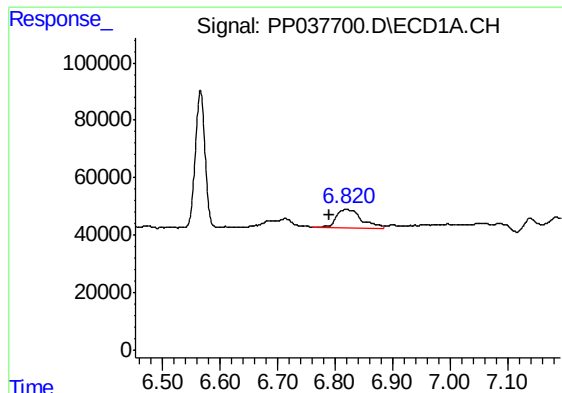
#22 AR-1248-2

R.T.: 6.566 min  
Delta R.T.: -0.008 min  
Response: 561311  
Conc: 378.10 ng/ml



#22 AR-1248-2

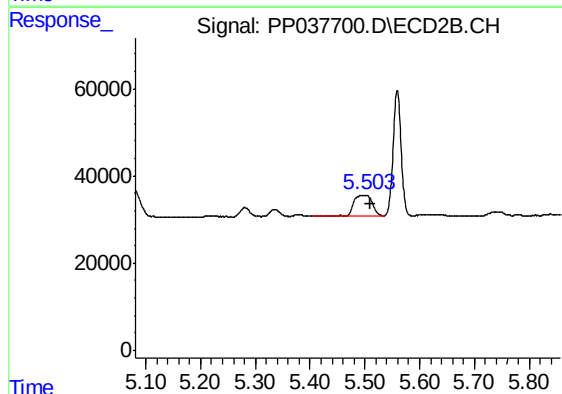
R.T.: 0.000 min  
Exp R.T. : 5.465 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

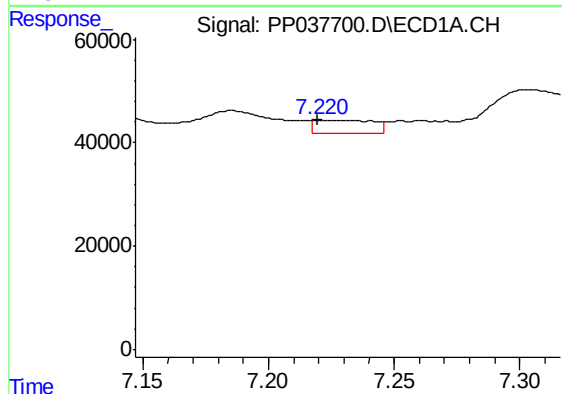
R.T.: 6.820 min  
Delta R.T.: 0.029 min  
Response: 192186  
Conc: 116.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



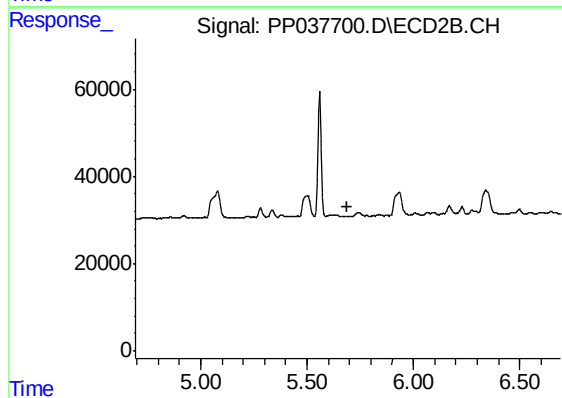
#23 AR-1248-3

R.T.: 5.502 min  
Delta R.T.: -0.007 min  
Response: 112718  
Conc: 131.71 ng/ml



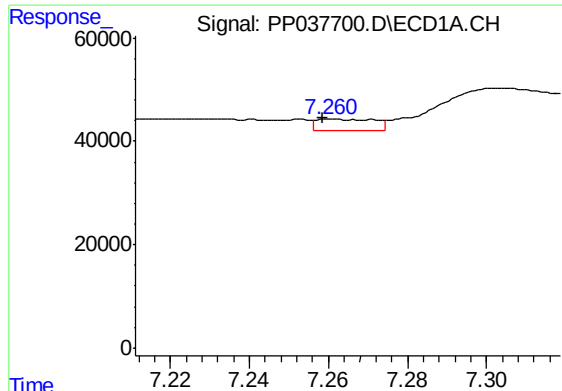
#24 AR-1248-4

R.T.: 7.221 min  
Delta R.T.: 0.000 min  
Response: 40916  
Conc: 21.65 ng/ml



#24 AR-1248-4

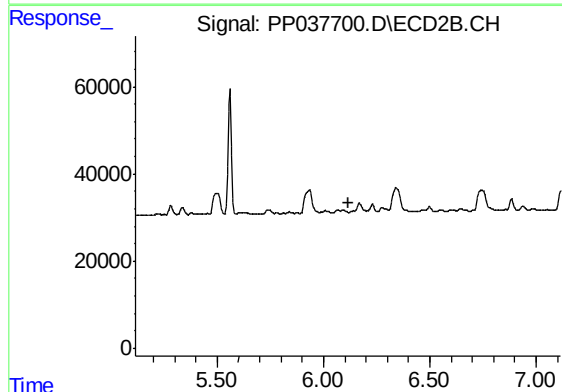
R.T.: 0.000 min  
Exp R.T. : 5.692 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

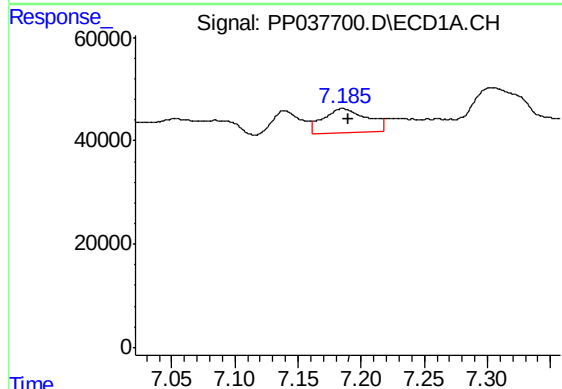
R.T.: 7.261 min  
Delta R.T.: 0.002 min  
Response: 22924  
Conc: 12.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



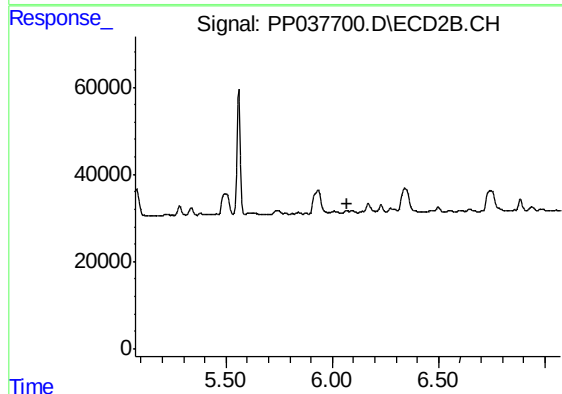
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.115 min  
Response: 0  
Conc: N.D.



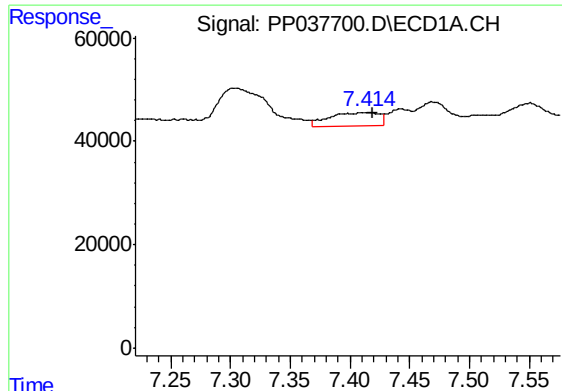
#26 AR-1254-1

R.T.: 7.185 min  
Delta R.T.: -0.005 min  
Response: 112414  
Conc: 62.57 ng/ml



#26 AR-1254-1

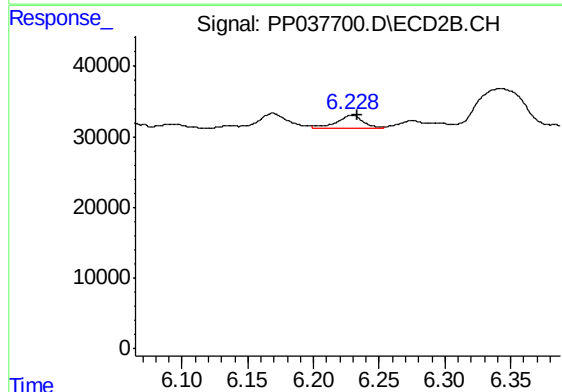
R.T.: 0.000 min  
Exp R.T. : 6.073 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

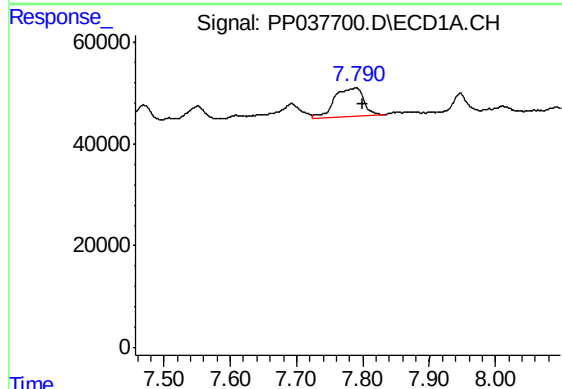
R.T.: 7.414 min  
Delta R.T.: -0.005 min  
Response: 76228  
Conc: 27.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



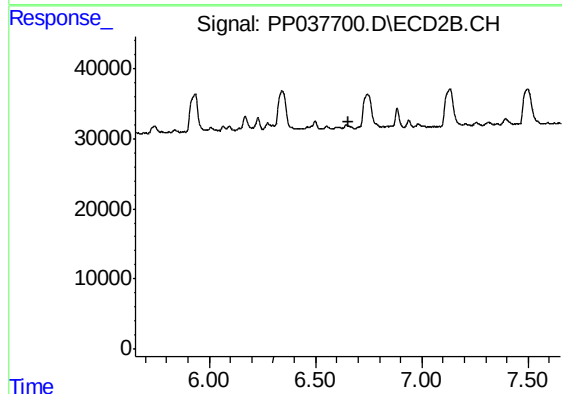
#27 AR-1254-2

R.T.: 6.229 min  
Delta R.T.: -0.004 min  
Response: 25516  
Conc: 19.64 ng/ml



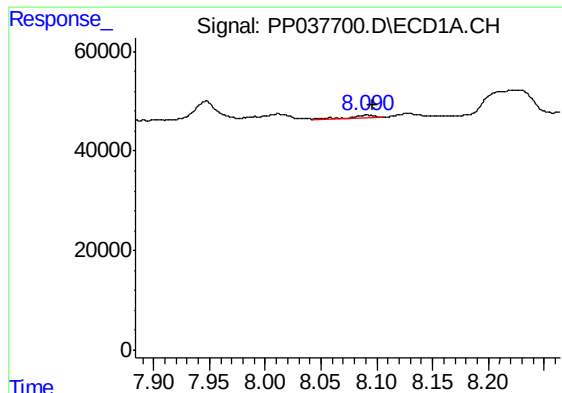
#28 AR-1254-3

R.T.: 7.790 min  
Delta R.T.: -0.010 min  
Response: 176240  
Conc: 57.16 ng/ml



#28 AR-1254-3

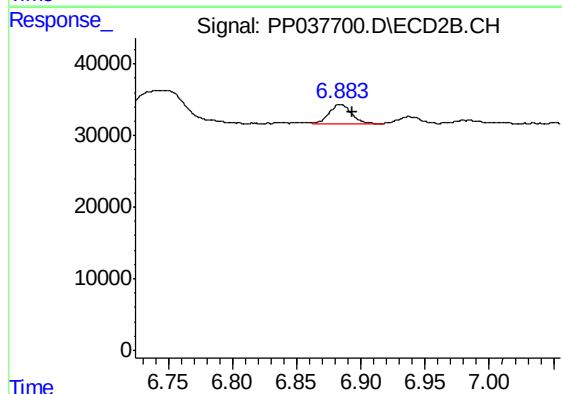
R.T.: 0.000 min  
Exp R.T. : 6.652 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

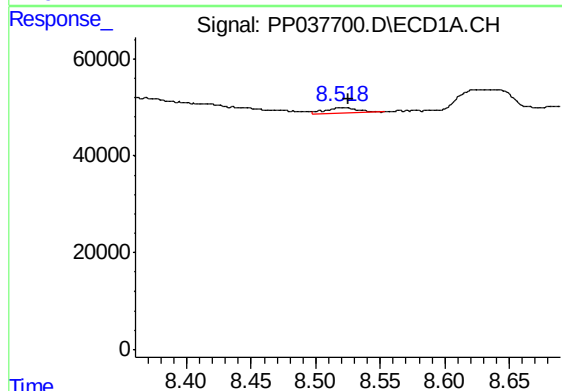
R.T.: 8.091 min  
Delta R.T.: -0.005 min  
Response: 8583  
Conc: 3.78 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



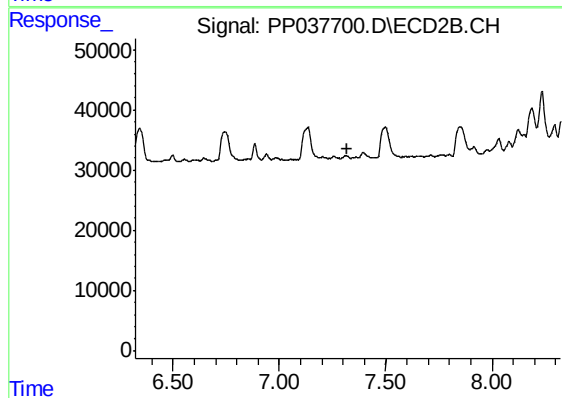
#29 AR-1254-4

R.T.: 6.884 min  
Delta R.T.: -0.009 min  
Response: 33955  
Conc: 25.03 ng/ml



#30 AR-1254-5

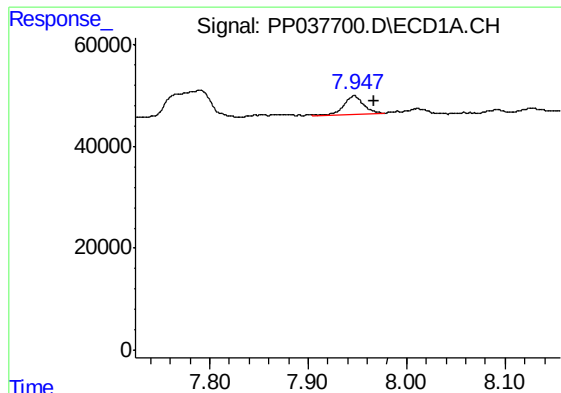
R.T.: 8.520 min  
Delta R.T.: -0.005 min  
Response: 19150  
Conc: 7.65 ng/ml



#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.322 min  
Response: 0  
Conc: N.D.

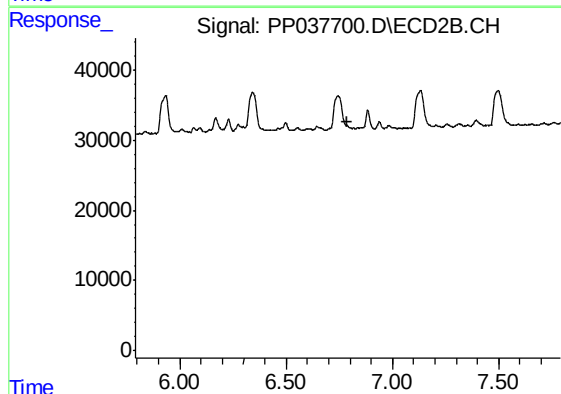




#31 AR-1260-1

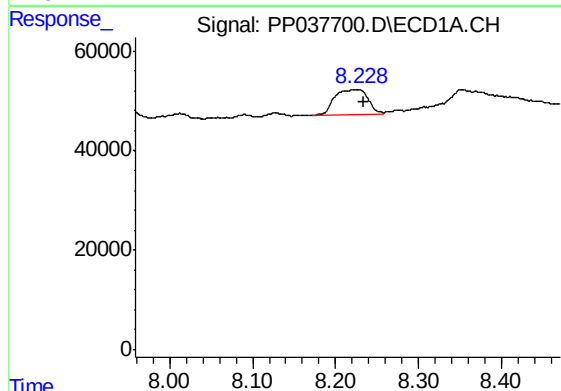
R.T.: 7.947 min  
Delta R.T.: -0.021 min  
Response: 48312  
Conc: 21.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



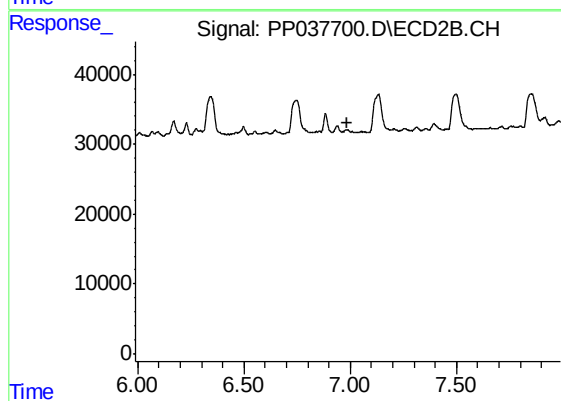
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.791 min  
Response: 0  
Conc: N.D.



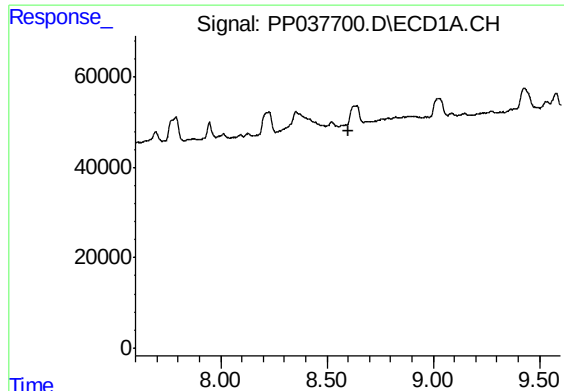
#32 AR-1260-2

R.T.: 8.227 min  
Delta R.T.: -0.007 min  
Response: 141616  
Conc: 50.91 ng/ml



#32 AR-1260-2

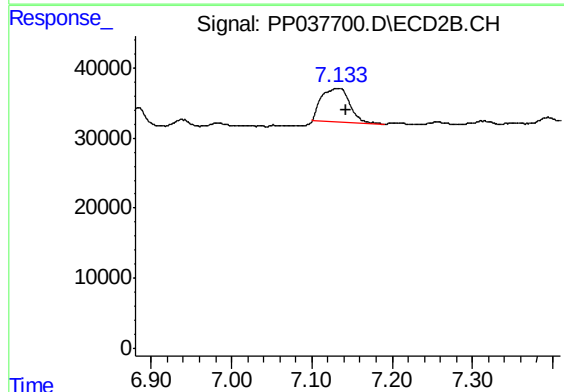
R.T.: 0.000 min  
Exp R.T. : 6.989 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

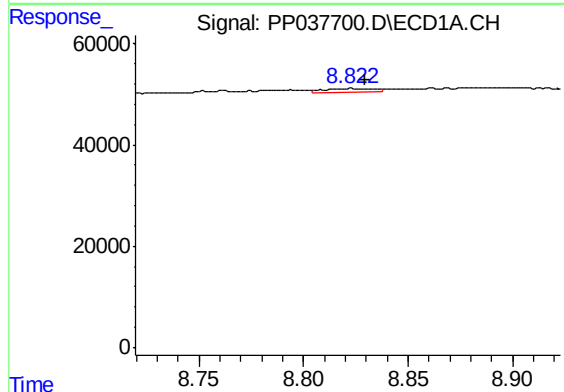
R.T.: 0.000 min  
Exp R.T. : 8.599 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



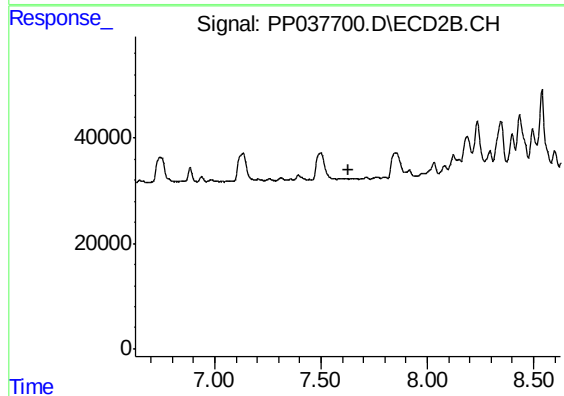
#33 AR-1260-3

R.T.: 7.134 min  
Delta R.T.: -0.009 min  
Response: 114320  
Conc: 66.72 ng/ml



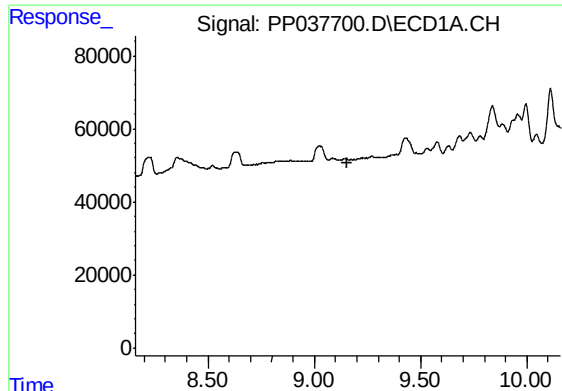
#34 AR-1260-4

R.T.: 8.823 min  
Delta R.T.: -0.007 min  
Response: 11129  
Conc: 4.52 ng/ml



#34 AR-1260-4

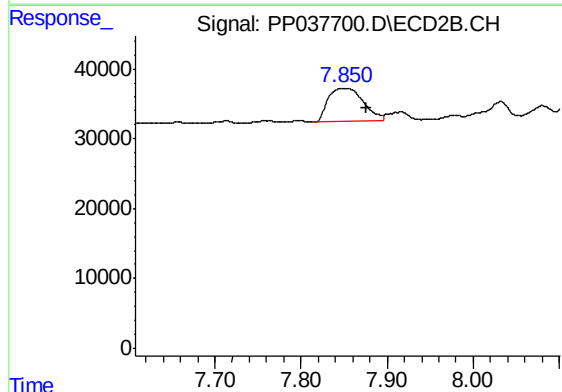
R.T.: 0.000 min  
Exp R.T. : 7.627 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

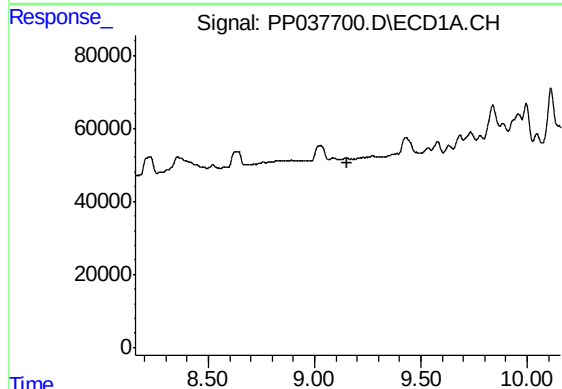
R.T.: 0.000 min  
Exp R.T. : 9.158 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



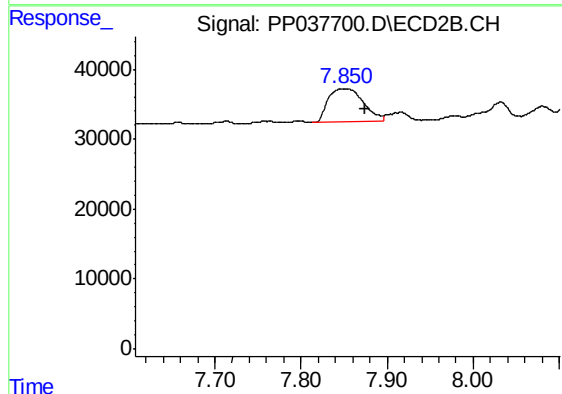
#35 AR-1260-5

R.T.: 7.851 min  
Delta R.T.: -0.025 min  
Response: 136149  
Conc: 42.21 ng/ml



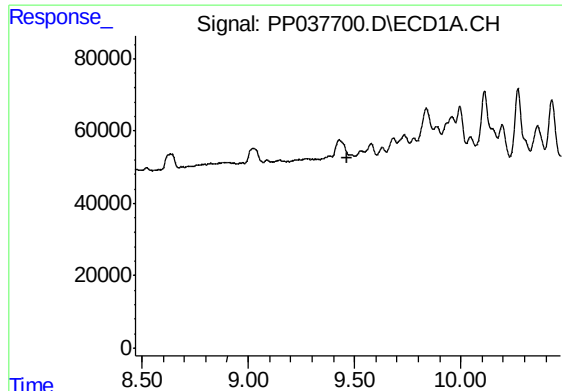
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 9.156 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

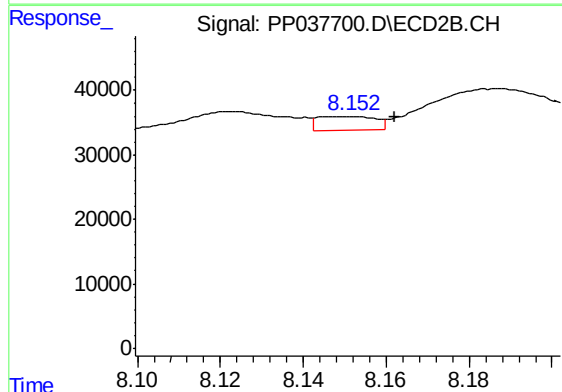
R.T.: 7.851 min  
Delta R.T.: -0.024 min  
Response: 136149  
Conc: 39.14 ng/ml



#38 AR-1262-3

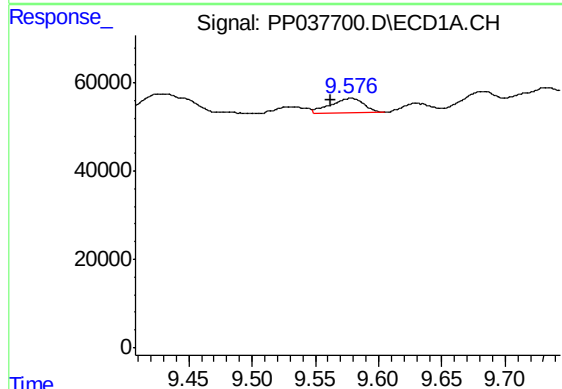
R.T.: 0.000 min  
Exp R.T.: 9.469 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



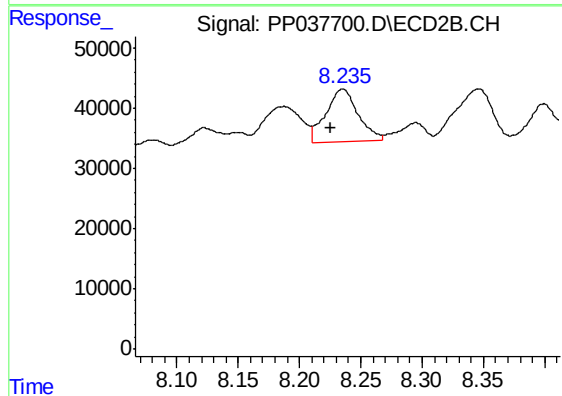
#38 AR-1262-3

R.T.: 8.151 min  
Delta R.T.: -0.011 min  
Response: 20134  
Conc: 14.30 ng/ml



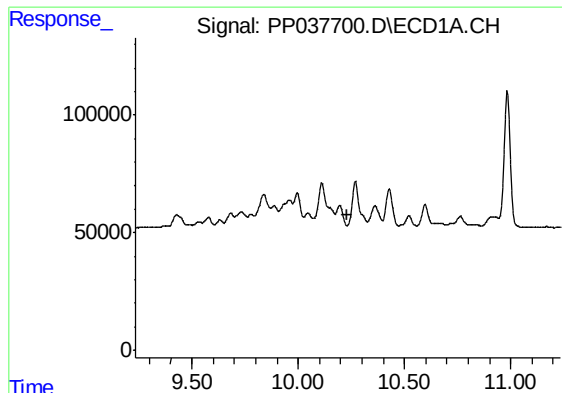
#39 AR-1262-4

R.T.: 9.578 min  
Delta R.T.: 0.016 min  
Response: 60070  
Conc: 20.44 ng/ml



#39 AR-1262-4

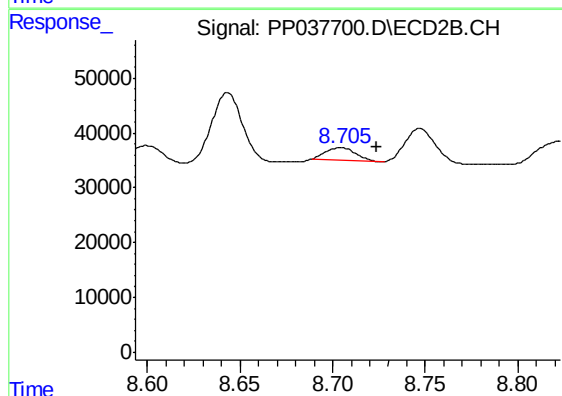
R.T.: 8.235 min  
Delta R.T.: 0.010 min  
Response: 159256  
Conc: 59.80 ng/ml



#40 AR-1262-5

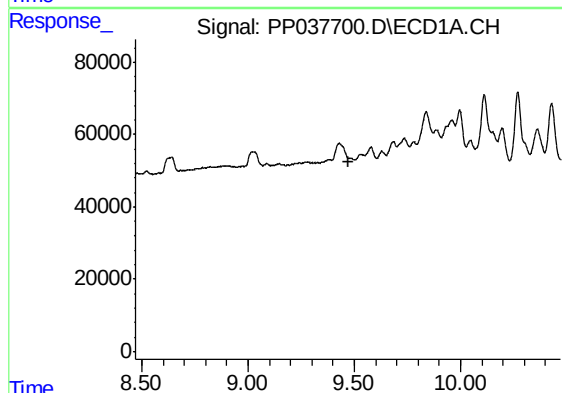
R.T.: 0.000 min  
Exp R.T. : 10.234 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



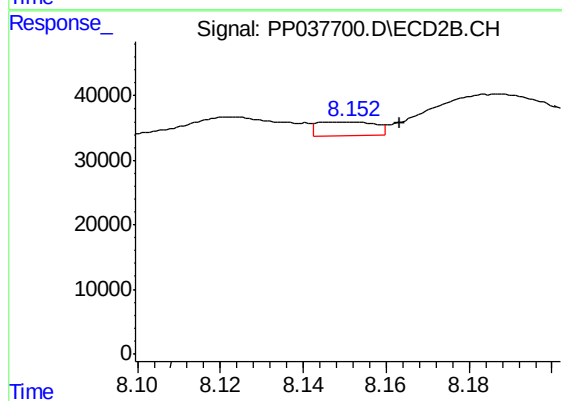
#40 AR-1262-5

R.T.: 8.705 min  
Delta R.T.: -0.019 min  
Response: 25083  
Conc: 19.84 ng/ml



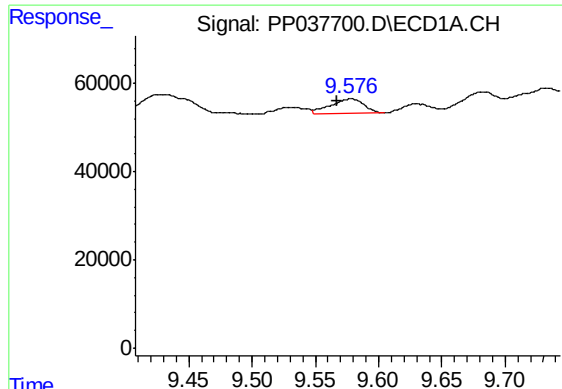
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 9.470 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

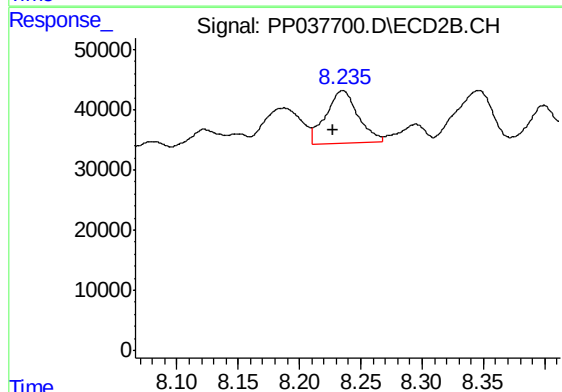
R.T.: 8.151 min  
Delta R.T.: -0.012 min  
Response: 20134  
Conc: 5.05 ng/ml



#42 AR-1268-2

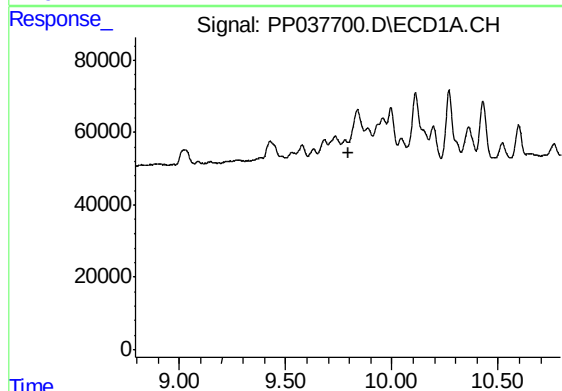
R.T.: 9.578 min  
Delta R.T.: 0.011 min  
Response: 60070  
Conc: 10.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



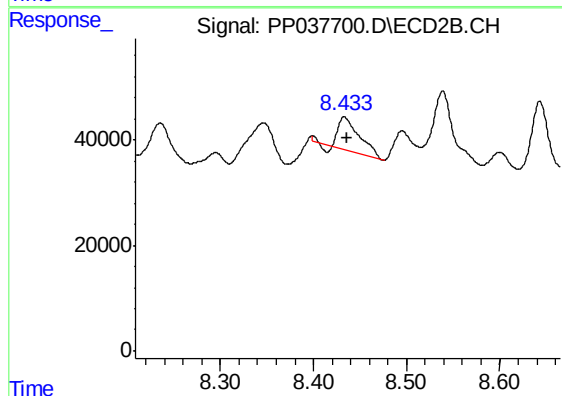
#42 AR-1268-2

R.T.: 8.235 min  
Delta R.T.: 0.007 min  
Response: 159256  
Conc: 43.03 ng/ml



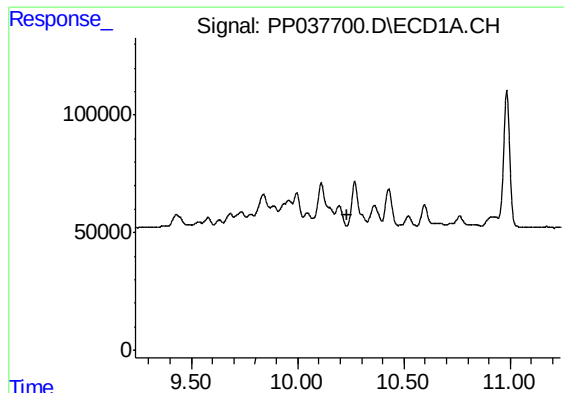
#43 AR-1268-3

R.T.: 9.780 min  
Delta R.T.: -0.013 min  
Response: -3437  
Conc: N.D.



#43 AR-1268-3

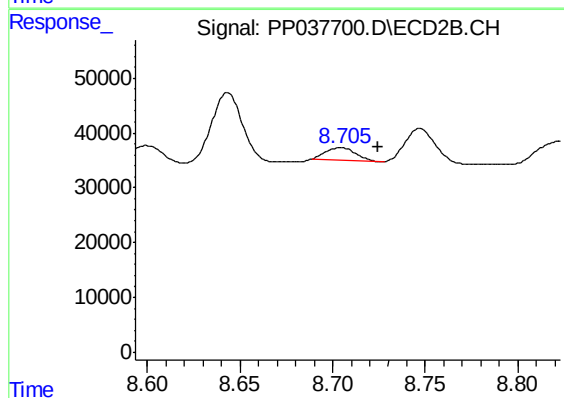
R.T.: 8.433 min  
Delta R.T.: -0.003 min  
Response: 96477  
Conc: 30.71 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 10.236 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
12-A-12-B-12-C



#44 AR-1268-4

R.T.: 8.705 min  
Delta R.T.: -0.020 min  
Response: 25083  
Conc: 18.30 ng/ml