

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP030121\  
 Data File : PP033626.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Mar 2021 15:45  
 Operator : DD\AJ  
 Sample : M1488-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 01 17:22:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP022121.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Feb 22 12:13:48 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... | 4.723  | 3.992  | 1444993 | 928050 | 19.633  | 21.073   |
| 2)                          | SA Decachlor... | 10.533 | 9.247  | 686444  | 489279 | 14.759  | 15.485   |
| Target Compounds            |                 |        |        |         |        |         |          |
| 3)                          | L1 AR-1016-1    | 6.013  | 0.000  | 55859   | 0      | 29.185  | N.D. #   |
| 4)                          | L1 AR-1016-2    | 6.044  | 0.000  | 35297   | 0      | 12.027  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 6.118  | 0.000  | 77029   | 0      | 44.010  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 6.200  | 0.000  | 22935   | 0      | 15.392  | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.945f | 0.000  | 117788  | 0      | 174.767 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.042f | 0.000  | 22662   | 0      | 44.550  | N.D. #   |
| 10)                         | L2 AR-1221-3    | 5.150  | 0.000  | 29547   | 0      | 18.884  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 5.150  | 0.000  | 29547   | 0      | 22.247  | N.D. #   |
| 12)                         | L3 AR-1232-2    | 5.707f | 0.000  | 181680  | 0      | 281.648 | N.D. #   |
| 13)                         | L3 AR-1232-3    | 6.044  | 0.000  | 35297   | 0      | 28.936  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 6.200  | 5.542  | 22935   | 19972  | 37.264  | 58.391 # |
| 16)                         | L4 AR-1242-1    | 6.013  | 0.000  | 55859   | 0      | 38.233  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 6.044  | 0.000  | 35297   | 0      | 15.836  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 6.118  | 0.000  | 77029   | 0      | 55.748  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 6.200  | 5.542  | 22935   | 19972  | 19.771  | 29.193 # |
| 20)                         | L4 AR-1242-5    | 6.990  | 0.000  | 102648  | 0      | 91.598  | N.D. #   |
| 21)                         | L5 AR-1248-1    | 6.013  | 0.000  | 55859   | 0      | 50.549  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.542  | 0       | 19972  | N.D.    | 18.963 # |
| 24)                         | L5 AR-1248-4    | 6.961  | 0.000  | 47629   | 0      | 25.158  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.990  | 0.000  | 102648  | 0      | 55.681  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.902f | 0.000  | 38379   | 0      | 19.688  | N.D. #   |
| 27)                         | L6 AR-1254-2    | 7.151  | 0.000  | 32415   | 0      | 10.475  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 8.264f | 0.000  | 130700  | 0      | 55.736  | N.D. #   |
| 33)                         | L7 AR-1260-3    | 8.297f | 7.187f | 10139   | 29052  | 3.494   | 14.418 # |
| 34)                         | L7 AR-1260-4    | 8.565  | 0.000  | 20084   | 0      | 7.696   | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.881f | 0.000  | 28632   | 0      | 4.848   | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.297f | 0.000  | 10139   | 0      | 2.510   | N.D. #   |
| 37)                         | L8 AR-1262-2    | 8.881f | 0.000  | 28632   | 0      | 4.662   | N.D. #   |
| 38)                         | L8 AR-1262-3    | 9.140  | 0.000  | 5634    | 0      | 1.339   | N.D. #   |
| 39)                         | L8 AR-1262-4    | 9.259f | 0.000  | 17378   | 0      | 5.232   | N.D. #   |
| 40)                         | L8 AR-1262-5    | 9.882f | 0.000  | 42744   | 0      | 21.613  | N.D. #   |
| 41)                         | L9 AR-1268-1    | 9.140  | 0.000  | 5634    | 0      | 0.712   | N.D. #   |
| 42)                         | L9 AR-1268-2    | 9.259  | 0.000  | 17378   | 0      | 2.640   | N.D. #   |
| 44)                         | L9 AR-1268-4    | 9.882f | 0.000  | 42744   | 0      | 20.572  | N.D. #   |
| 45)                         | L9 AR-1268-5    | 10.236 | 0.000  | 121623  | 0      | 7.316   | N.D. #   |
| -----                       |                 |        |        |         |        |         |          |

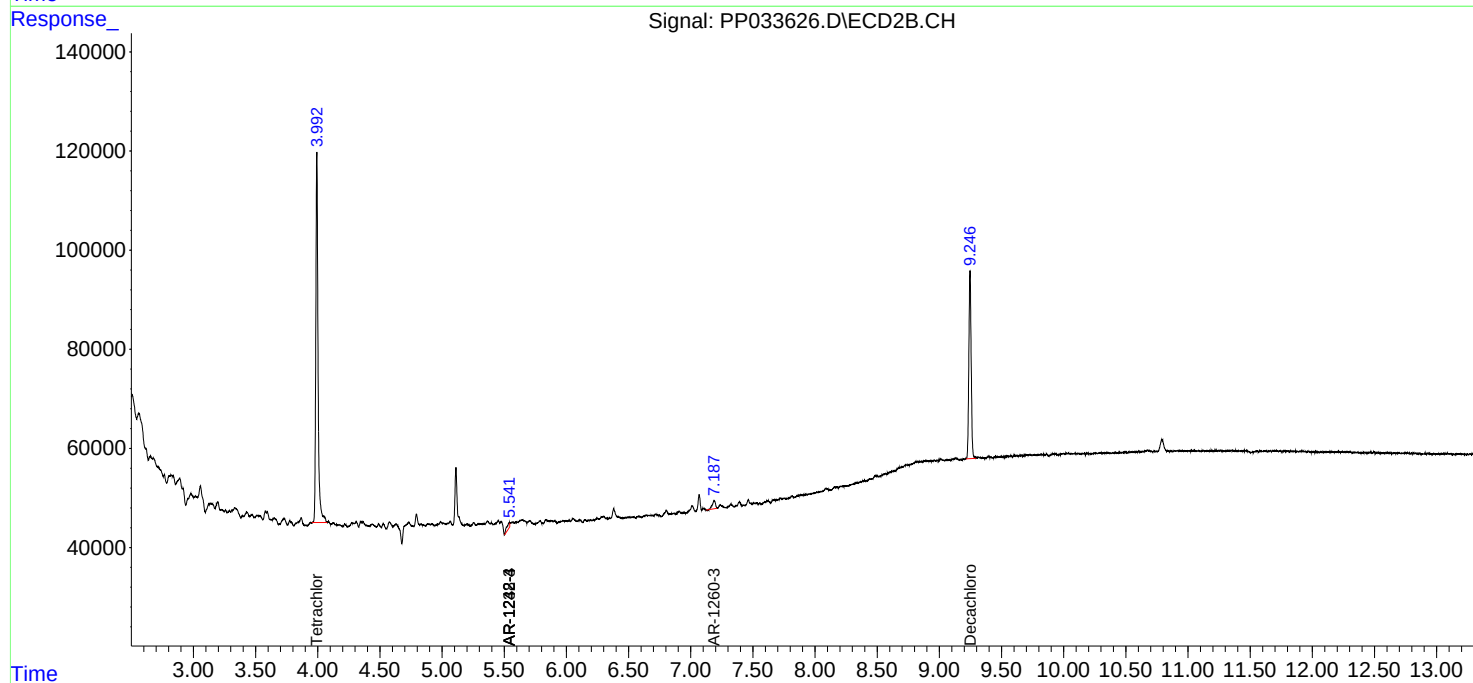
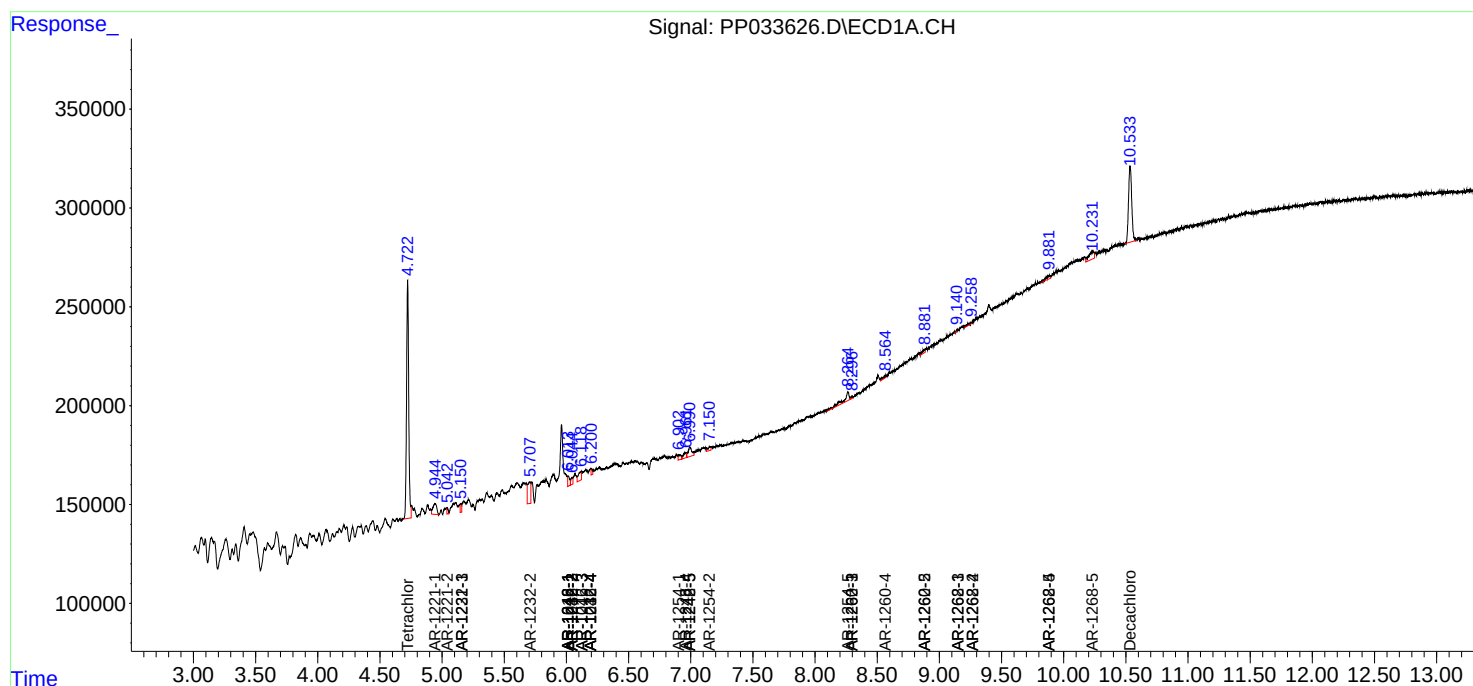
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

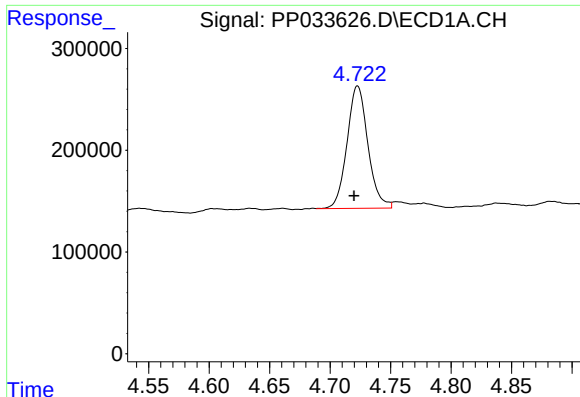
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP030121\  
Data File : PP033626.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 01 Mar 2021 15:45  
Operator : DD\AJ  
Sample : M1488-04  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 01 17:22:19 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP022121.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Feb 22 12:13:48 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

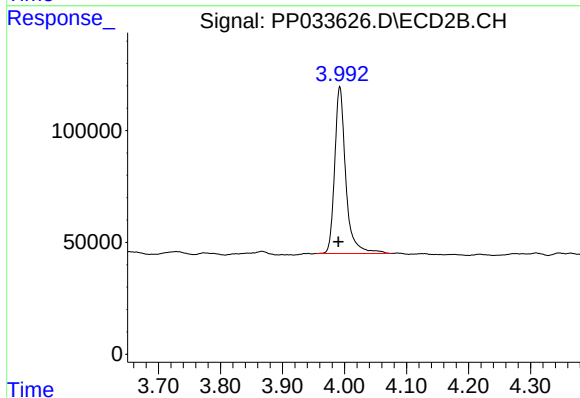




#1 Tetrachloro-m-xylene

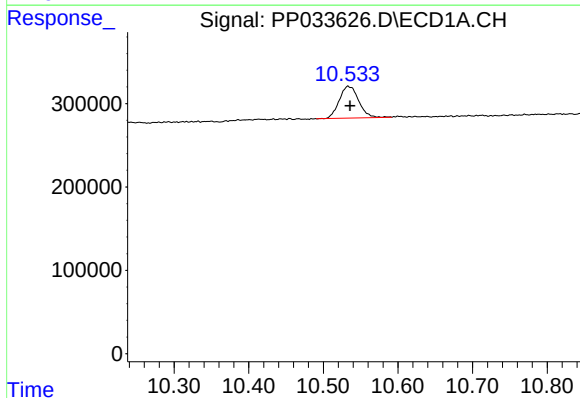
R.T.: 4.723 min  
Delta R.T.: 0.003 min  
Response: 1444993  
Conc: 19.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



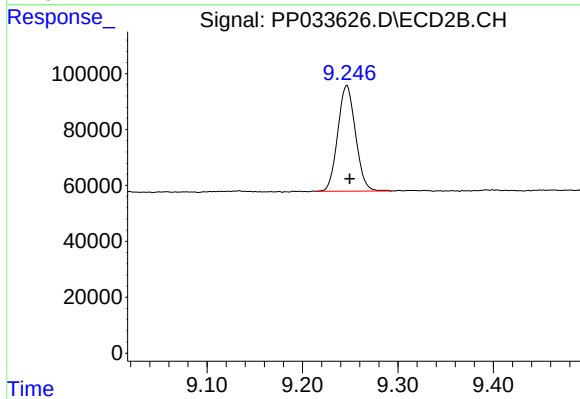
#1 Tetrachloro-m-xylene

R.T.: 3.992 min  
Delta R.T.: 0.002 min  
Response: 928050  
Conc: 21.07 ng/ml



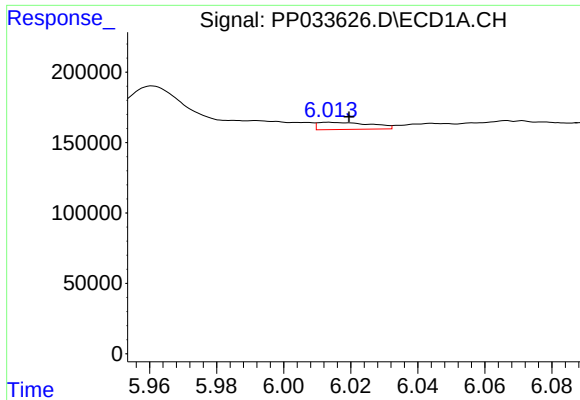
#2 Decachlorobiphenyl

R.T.: 10.533 min  
Delta R.T.: -0.003 min  
Response: 686444  
Conc: 14.76 ng/ml



#2 Decachlorobiphenyl

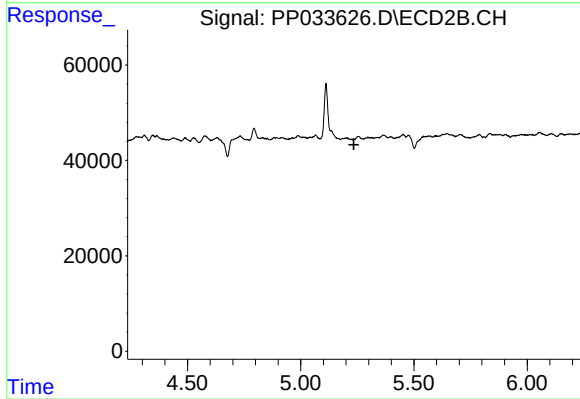
R.T.: 9.247 min  
Delta R.T.: -0.003 min  
Response: 489279  
Conc: 15.48 ng/ml



#3 AR-1016-1

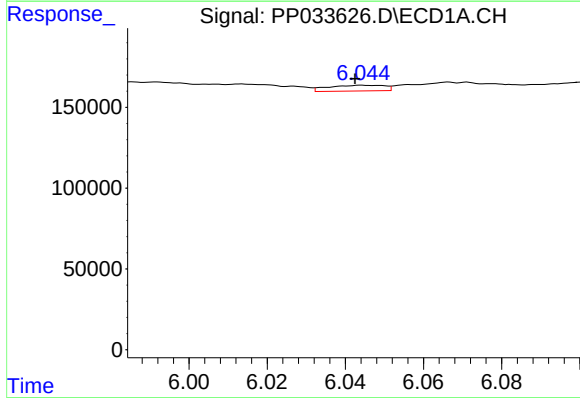
R.T.: 6.013 min  
Delta R.T.: -0.006 min  
Response: 55859  
Conc: 29.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



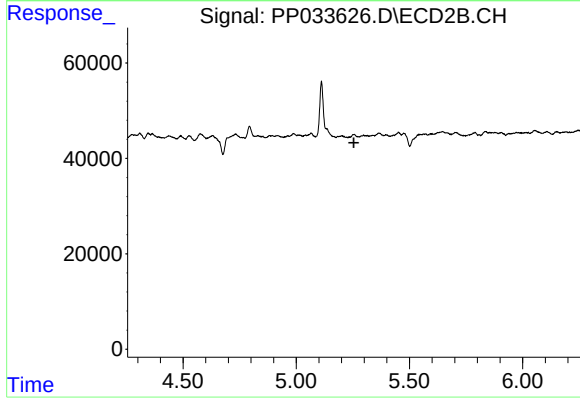
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.235 min  
Response: 0  
Conc: N.D.



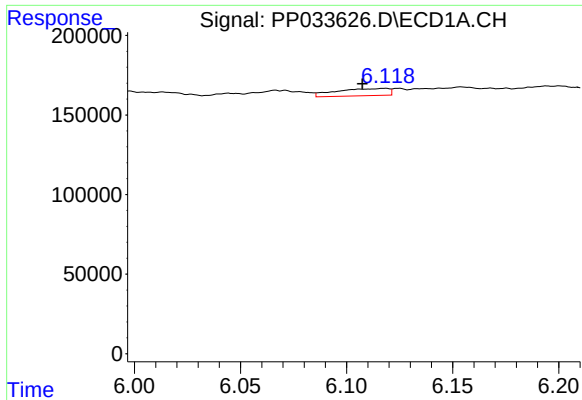
#4 AR-1016-2

R.T.: 6.044 min  
Delta R.T.: 0.002 min  
Response: 35297  
Conc: 12.03 ng/ml



#4 AR-1016-2

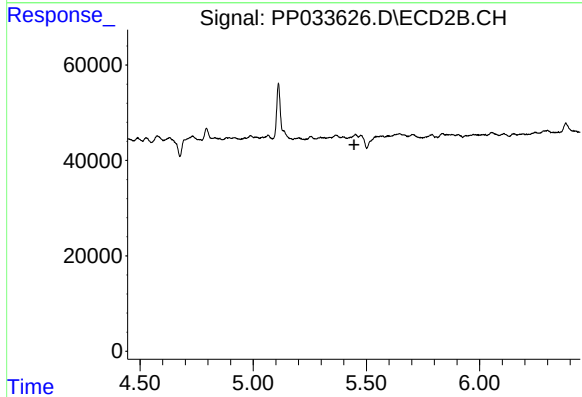
R.T.: 0.000 min  
Exp R.T. : 5.254 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

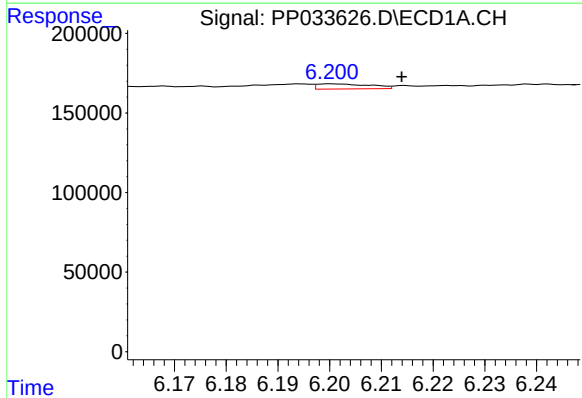
R.T.: 6.118 min  
Delta R.T.: 0.011 min  
Response: 77029  
Conc: 44.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



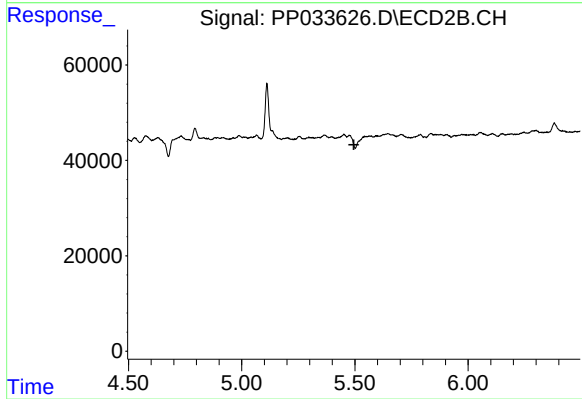
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.445 min  
Response: 0  
Conc: N.D.



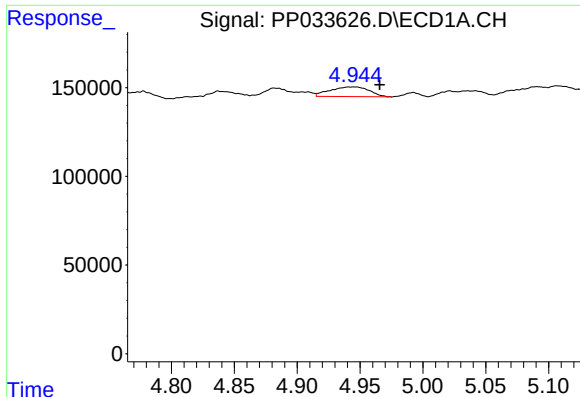
#6 AR-1016-4

R.T.: 6.200 min  
Delta R.T.: -0.014 min  
Response: 22935  
Conc: 15.39 ng/ml



#6 AR-1016-4

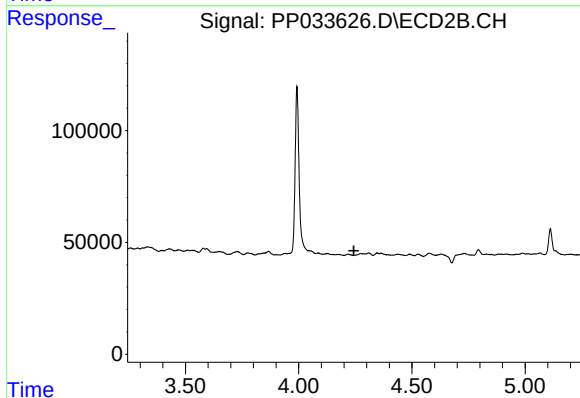
R.T.: 0.000 min  
Exp R.T. : 5.495 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

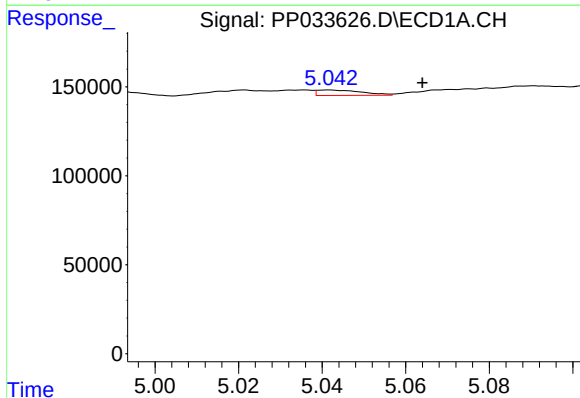
R.T.: 4.945 min  
Delta R.T.: -0.021 min  
Response: 117788  
Conc: 174.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



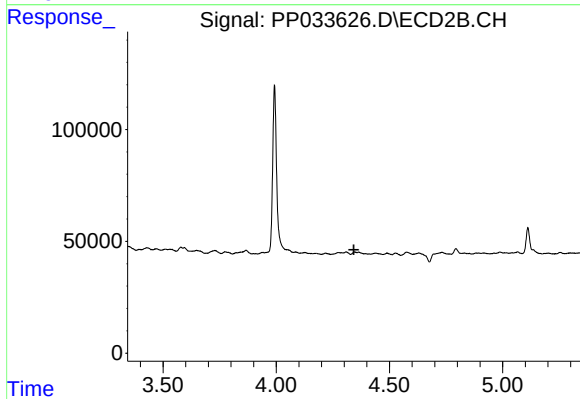
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.244 min  
Response: 0  
Conc: N.D.



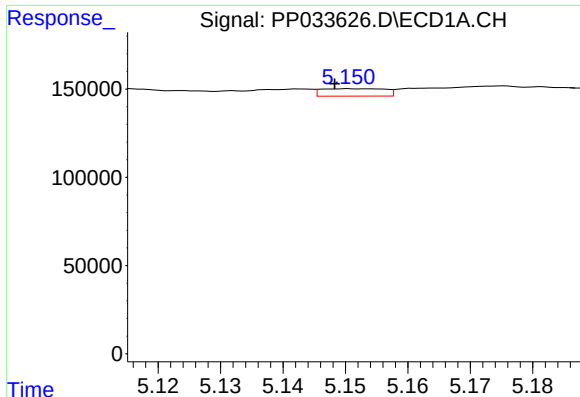
#9 AR-1221-2

R.T.: 5.042 min  
Delta R.T.: -0.022 min  
Response: 22662  
Conc: 44.55 ng/ml



#9 AR-1221-2

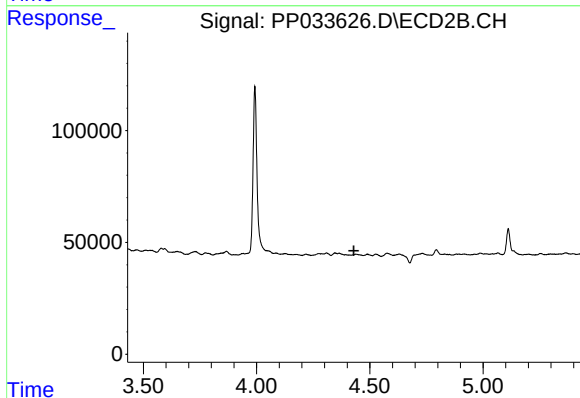
R.T.: 0.000 min  
Exp R.T. : 4.343 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

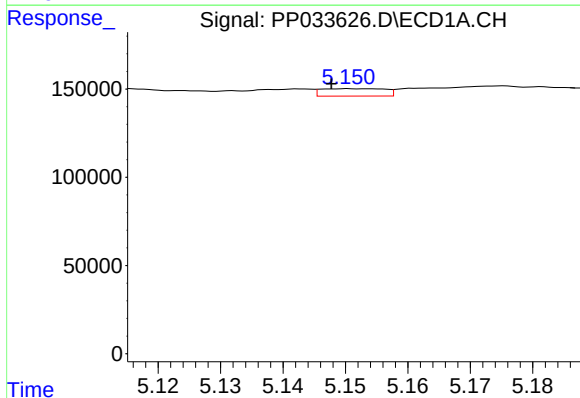
R.T.: 5.150 min  
Delta R.T.: 0.002 min  
Response: 29547  
Conc: 18.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



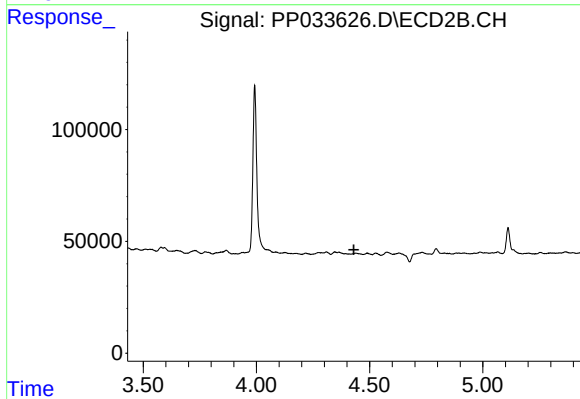
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.430 min  
Response: 0  
Conc: N.D.



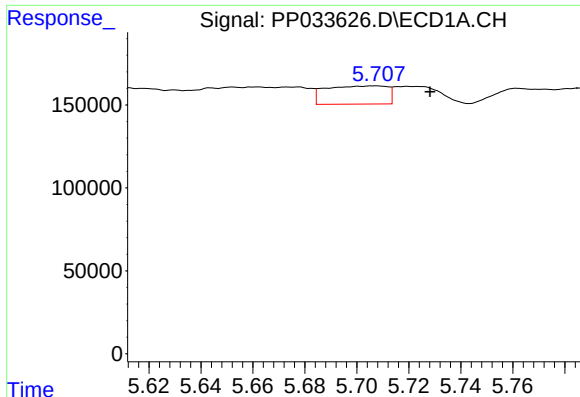
#11 AR-1232-1

R.T.: 5.150 min  
Delta R.T.: 0.003 min  
Response: 29547  
Conc: 22.25 ng/ml



#11 AR-1232-1

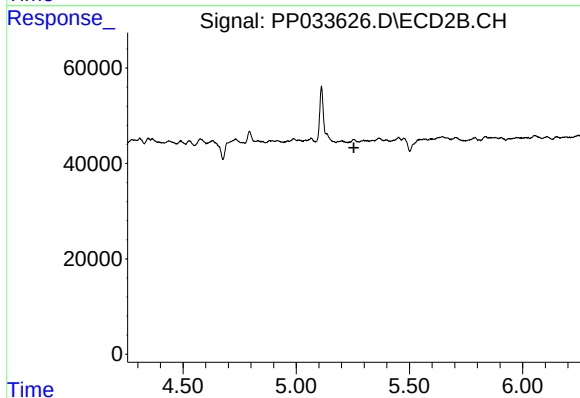
R.T.: 0.000 min  
Exp R.T. : 4.430 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

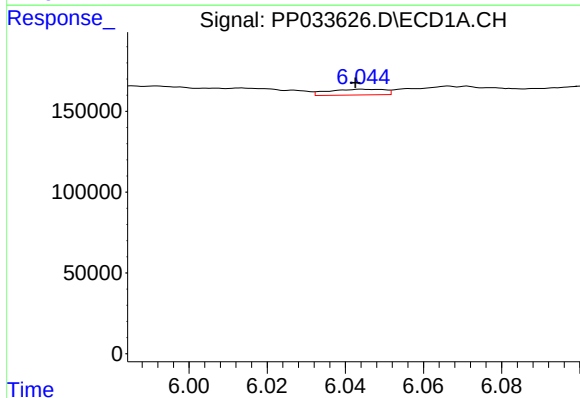
R.T.: 5.707 min  
Delta R.T.: -0.021 min  
Response: 181680  
Conc: 281.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



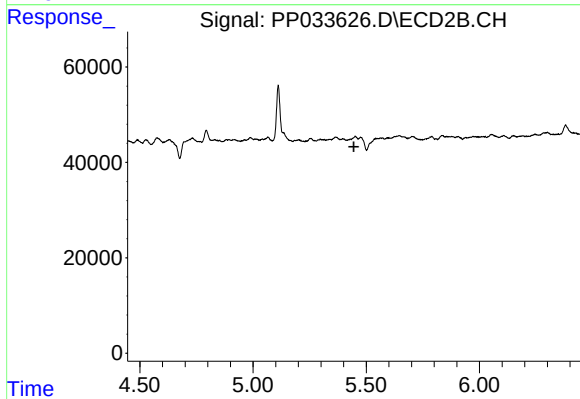
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.255 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

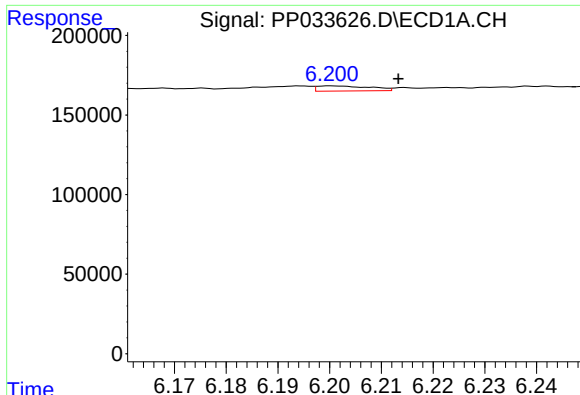
R.T.: 6.044 min  
Delta R.T.: 0.002 min  
Response: 35297  
Conc: 28.94 ng/ml



#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.446 min  
Response: 0  
Conc: N.D.

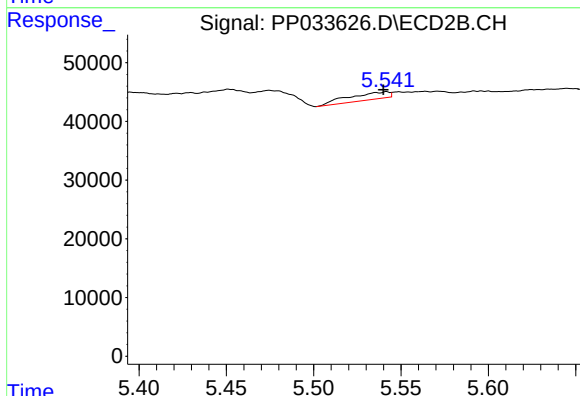




#14 AR-1232-4

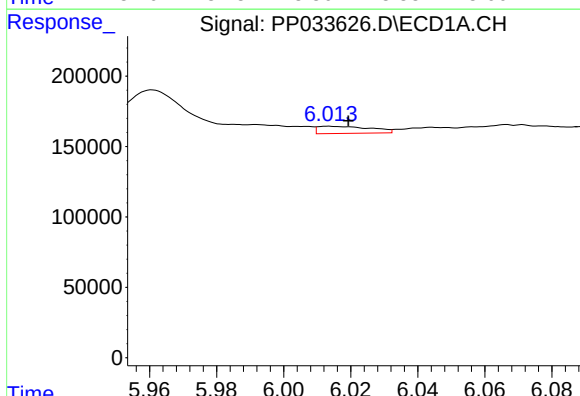
R.T.: 6.200 min  
Delta R.T.: -0.013 min  
Response: 22935  
Conc: 37.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



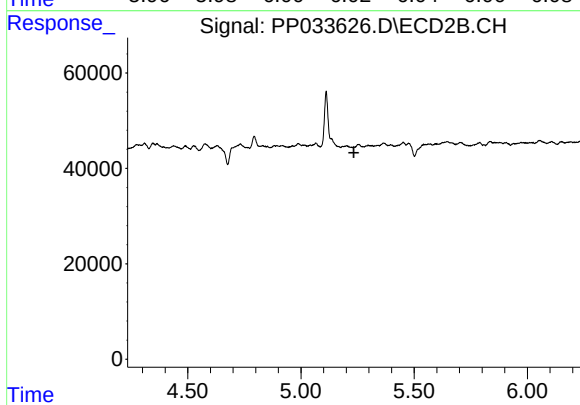
#14 AR-1232-4

R.T.: 5.542 min  
Delta R.T.: 0.002 min  
Response: 19972  
Conc: 58.39 ng/ml



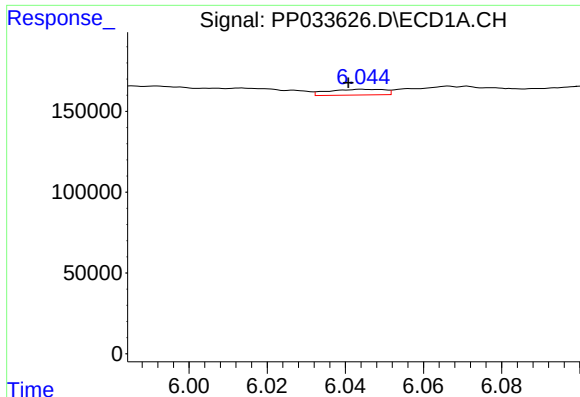
#16 AR-1242-1

R.T.: 6.013 min  
Delta R.T.: -0.006 min  
Response: 55859  
Conc: 38.23 ng/ml



#16 AR-1242-1

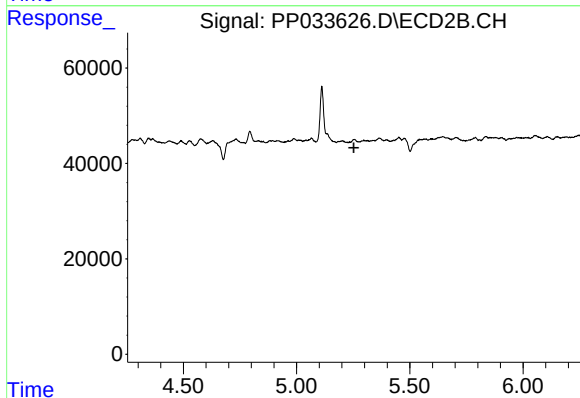
R.T.: 0.000 min  
Exp R.T.: 5.234 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

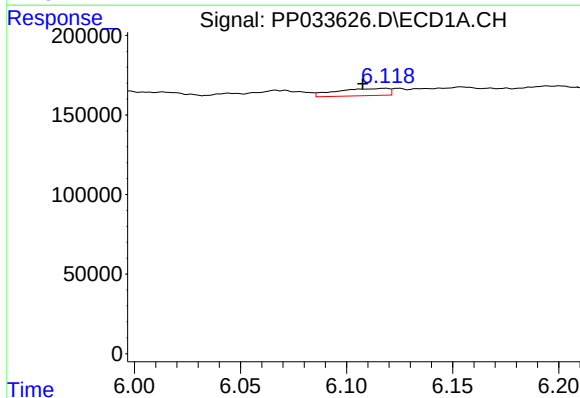
R.T.: 6.044 min  
Delta R.T.: 0.003 min  
Response: 35297  
Conc: 15.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



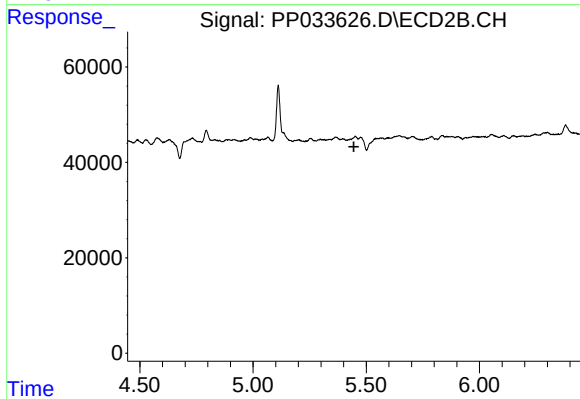
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.253 min  
Response: 0  
Conc: N.D.



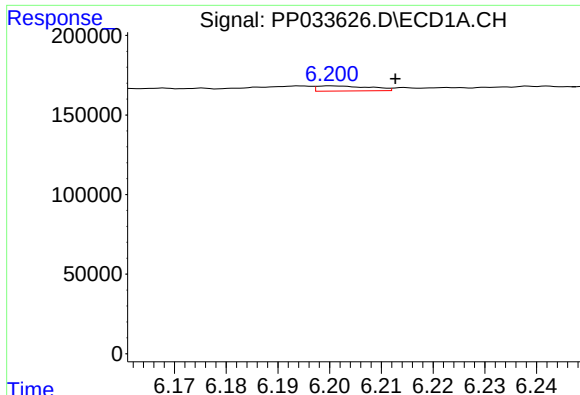
#18 AR-1242-3

R.T.: 6.118 min  
Delta R.T.: 0.010 min  
Response: 77029  
Conc: 55.75 ng/ml



#18 AR-1242-3

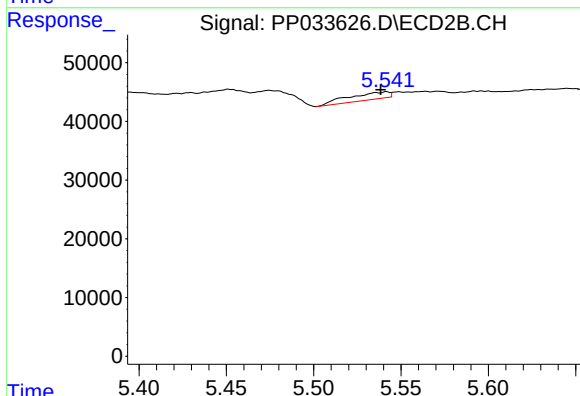
R.T.: 0.000 min  
Exp R.T. : 5.445 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

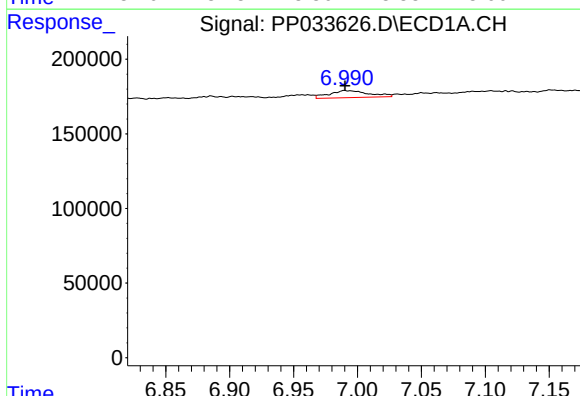
R.T.: 6.200 min  
Delta R.T.: -0.012 min  
Response: 22935  
Conc: 19.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



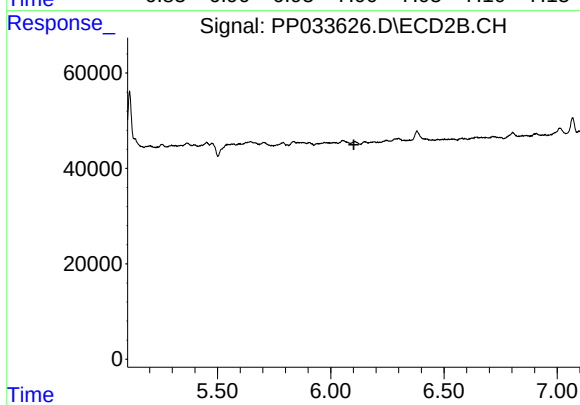
#19 AR-1242-4

R.T.: 5.542 min  
Delta R.T.: 0.003 min  
Response: 19972  
Conc: 29.19 ng/ml



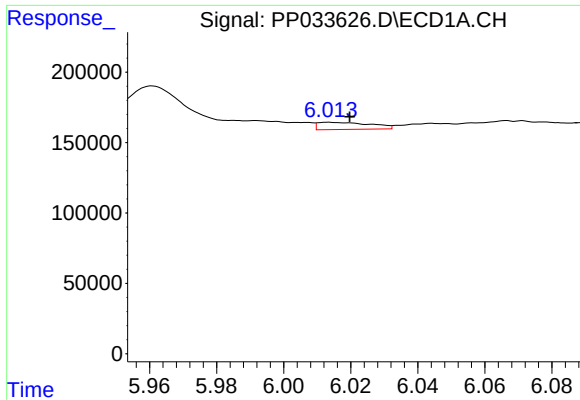
#20 AR-1242-5

R.T.: 6.990 min  
Delta R.T.: 0.000 min  
Response: 102648  
Conc: 91.60 ng/ml



#20 AR-1242-5

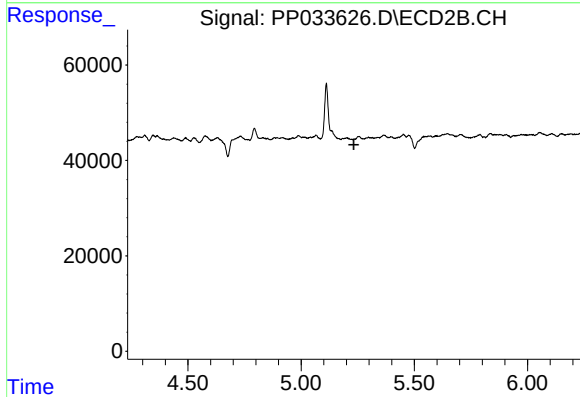
R.T.: 0.000 min  
Exp R.T.: 6.102 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

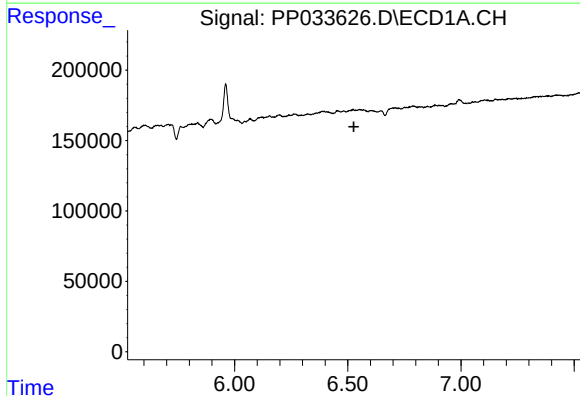
R.T.: 6.013 min  
Delta R.T.: -0.006 min  
Response: 55859  
Conc: 50.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



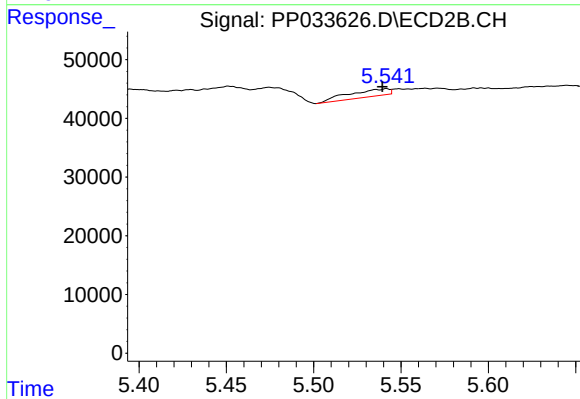
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.233 min  
Response: 0  
Conc: N.D.



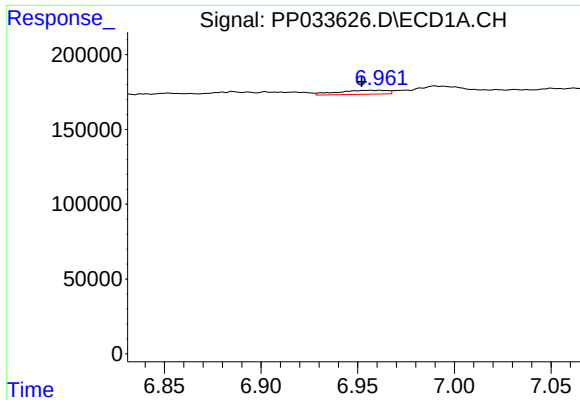
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 6.527 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

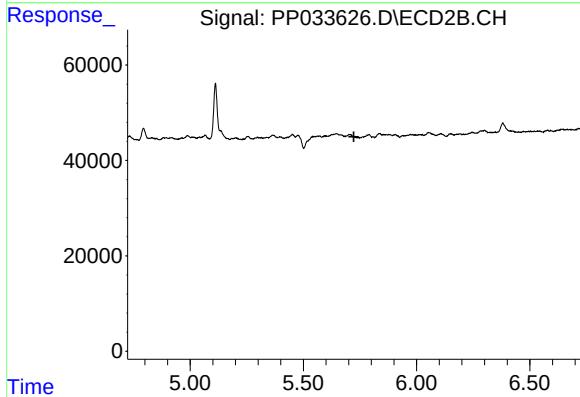
R.T.: 5.542 min  
Delta R.T.: 0.002 min  
Response: 19972  
Conc: 18.96 ng/ml



#24 AR-1248-4

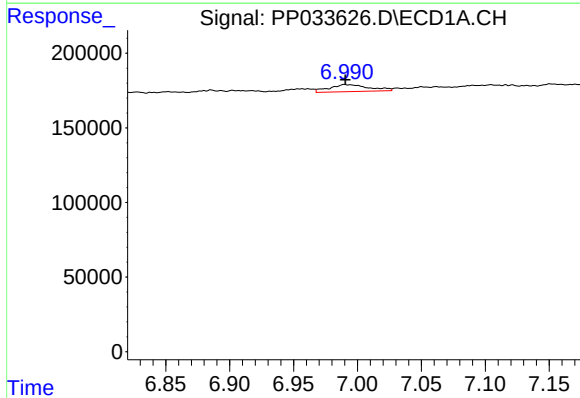
R.T.: 6.961 min  
Delta R.T.: 0.009 min  
Response: 47629  
Conc: 25.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



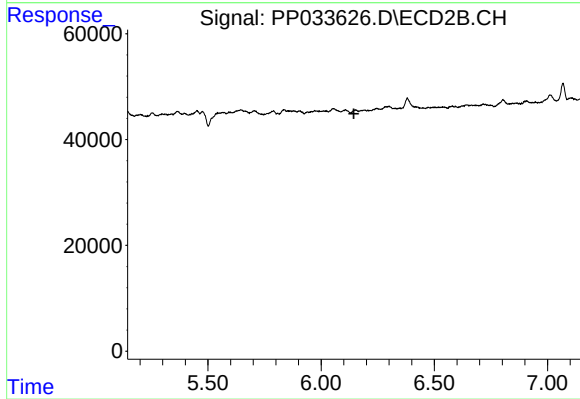
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.723 min  
Response: 0  
Conc: N.D.



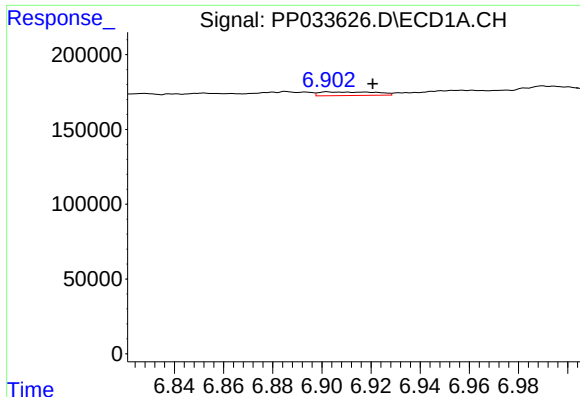
#25 AR-1248-5

R.T.: 6.990 min  
Delta R.T.: 0.000 min  
Response: 102648  
Conc: 55.68 ng/ml



#25 AR-1248-5

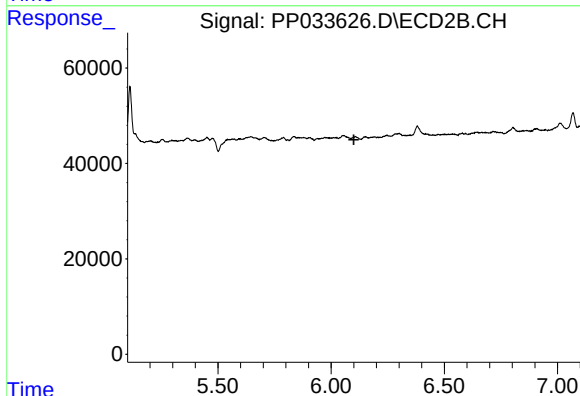
R.T.: 0.000 min  
Exp R.T. : 6.144 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

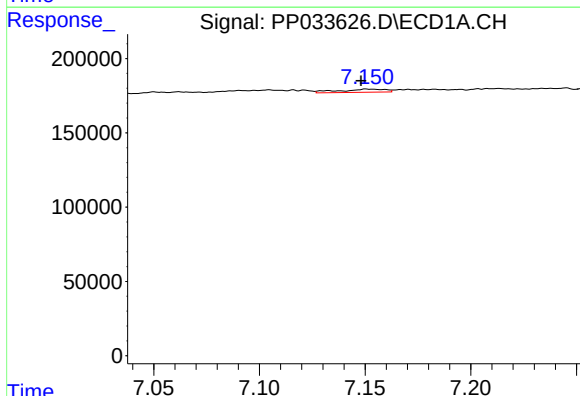
R.T.: 6.902 min  
Delta R.T.: -0.018 min  
Response: 38379  
Conc: 19.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



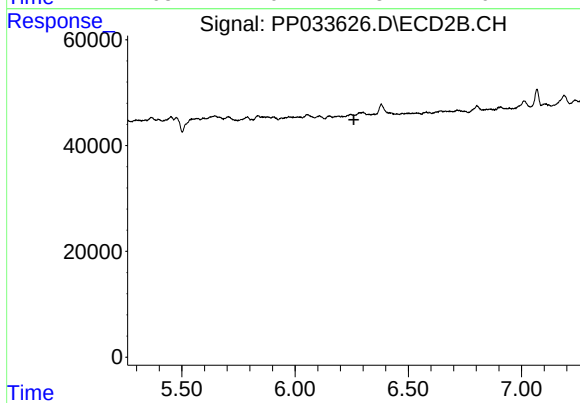
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 6.101 min  
Response: 0  
Conc: N.D.



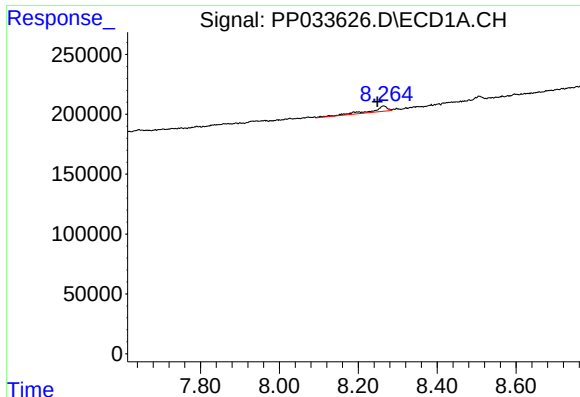
#27 AR-1254-2

R.T.: 7.151 min  
Delta R.T.: 0.003 min  
Response: 32415  
Conc: 10.47 ng/ml



#27 AR-1254-2

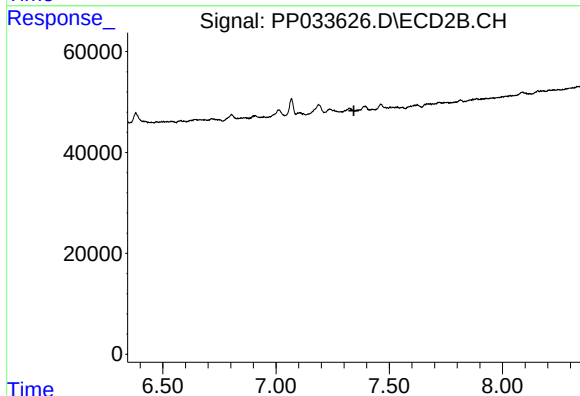
R.T.: 0.000 min  
Exp R.T. : 6.260 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

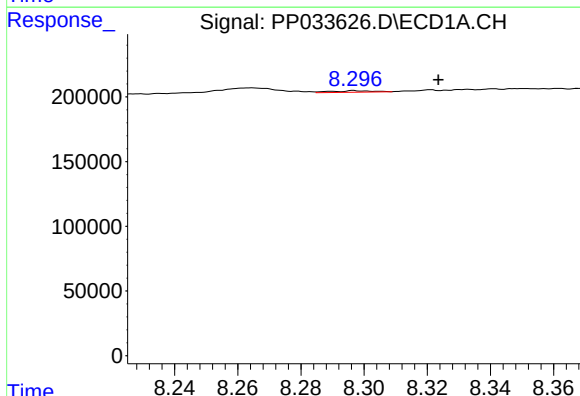
R.T.: 8.264 min  
Delta R.T.: 0.015 min  
Response: 130700  
Conc: 55.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



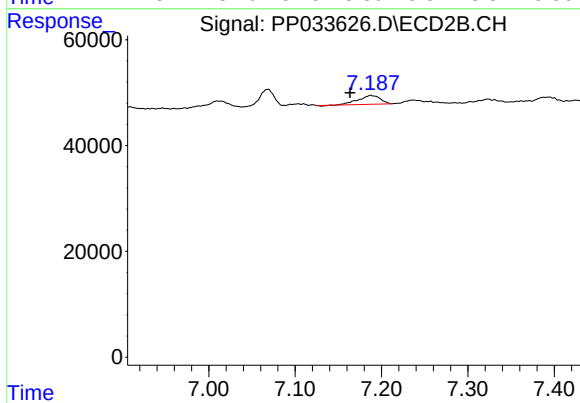
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.344 min  
Response: 0  
Conc: N.D.



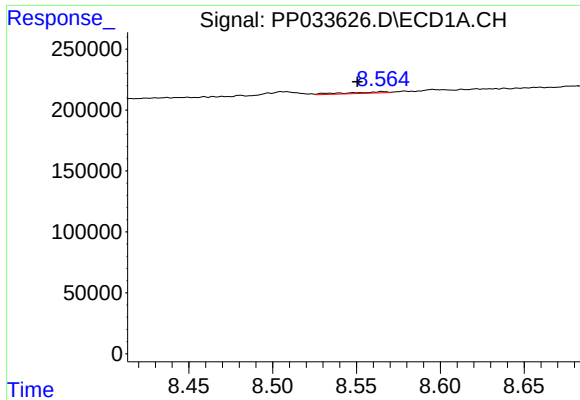
#33 AR-1260-3

R.T.: 8.297 min  
Delta R.T.: -0.027 min  
Response: 10139  
Conc: 3.49 ng/ml



#33 AR-1260-3

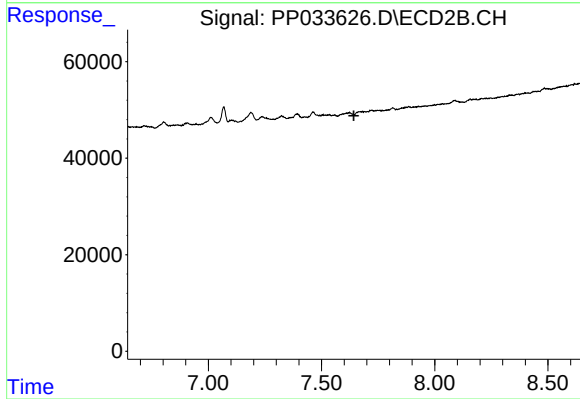
R.T.: 7.187 min  
Delta R.T.: 0.024 min  
Response: 29052  
Conc: 14.42 ng/ml



#34 AR-1260-4

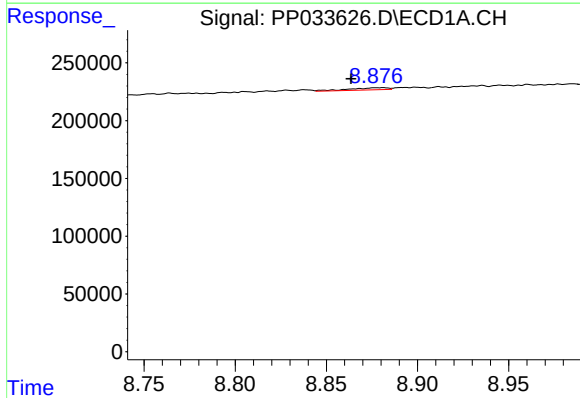
R.T.: 8.565 min  
Delta R.T.: 0.015 min  
Response: 20084  
Conc: 7.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



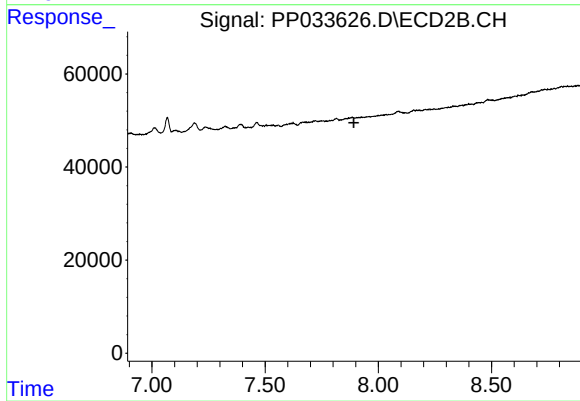
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.643 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

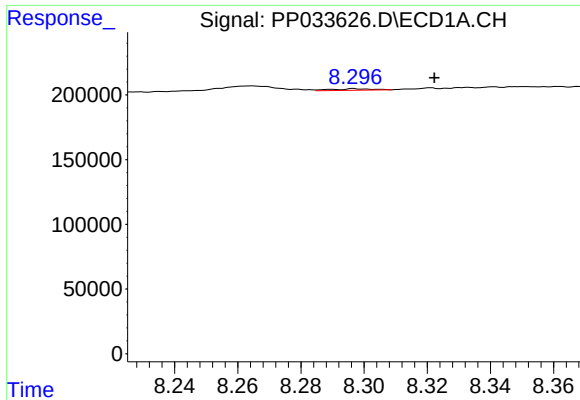
R.T.: 8.881 min  
Delta R.T.: 0.017 min  
Response: 28632  
Conc: 4.85 ng/ml



#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.892 min  
Response: 0  
Conc: N.D.

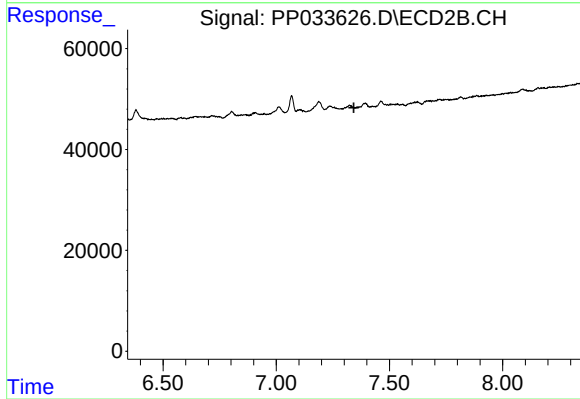




#36 AR-1262-1

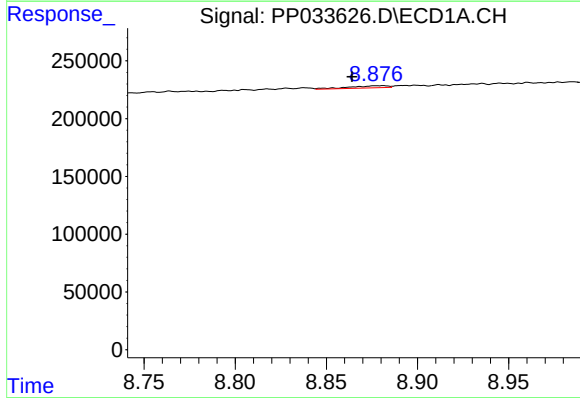
R.T.: 8.297 min  
Delta R.T.: -0.025 min  
Response: 10139  
Conc: 2.51 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



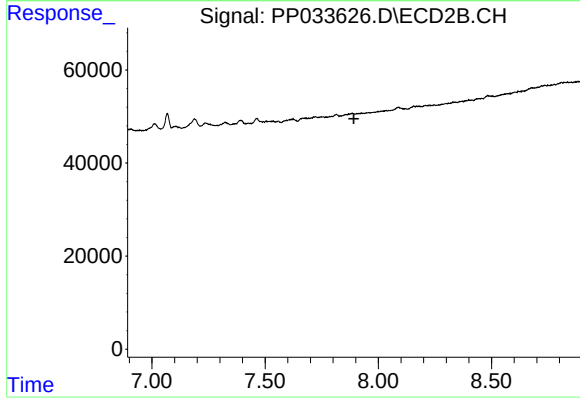
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.343 min  
Response: 0  
Conc: N.D.



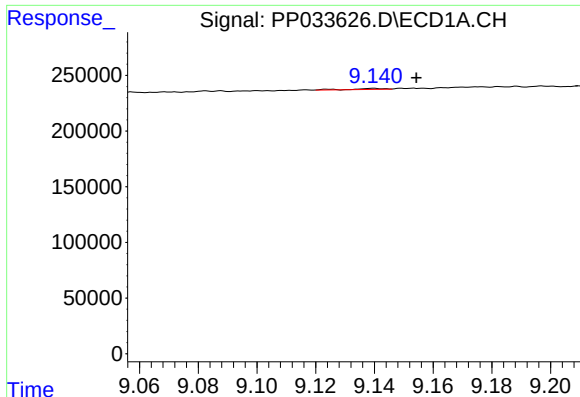
#37 AR-1262-2

R.T.: 8.881 min  
Delta R.T.: 0.017 min  
Response: 28632  
Conc: 4.66 ng/ml



#37 AR-1262-2

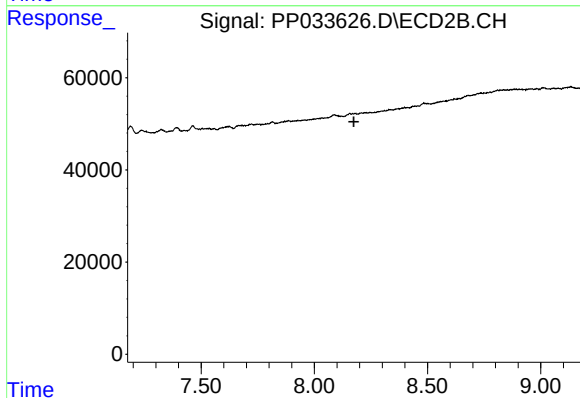
R.T.: 0.000 min  
Exp R.T. : 7.892 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

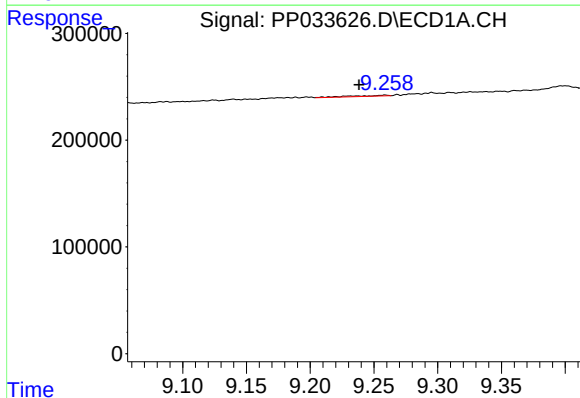
R.T.: 9.140 min  
Delta R.T.: -0.015 min  
Response: 5634  
Conc: 1.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



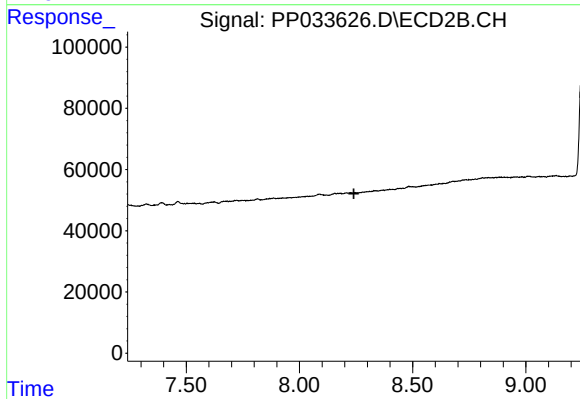
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.174 min  
Response: 0  
Conc: N.D.



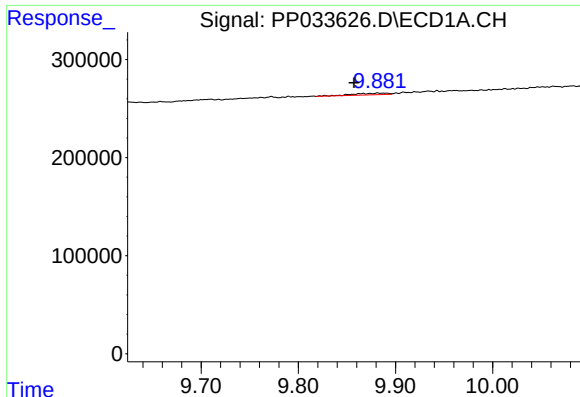
#39 AR-1262-4

R.T.: 9.259 min  
Delta R.T.: 0.021 min  
Response: 17378  
Conc: 5.23 ng/ml



#39 AR-1262-4

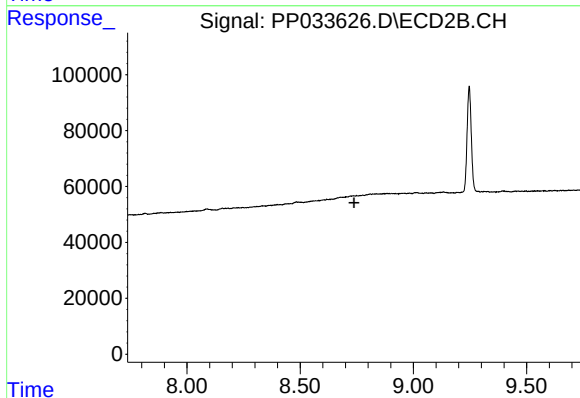
R.T.: 0.000 min  
Exp R.T. : 8.240 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

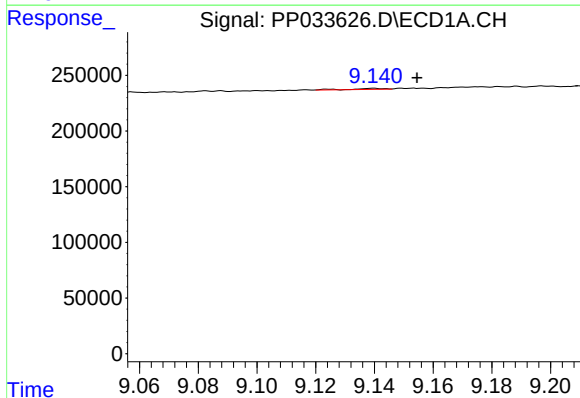
R.T.: 9.882 min  
Delta R.T.: 0.024 min  
Response: 42744  
Conc: 21.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



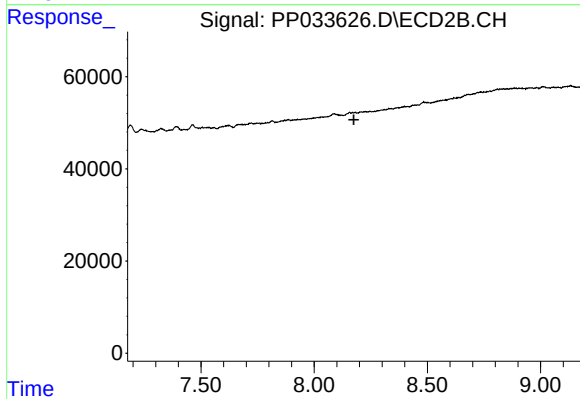
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 8.738 min  
Response: 0  
Conc: N.D.



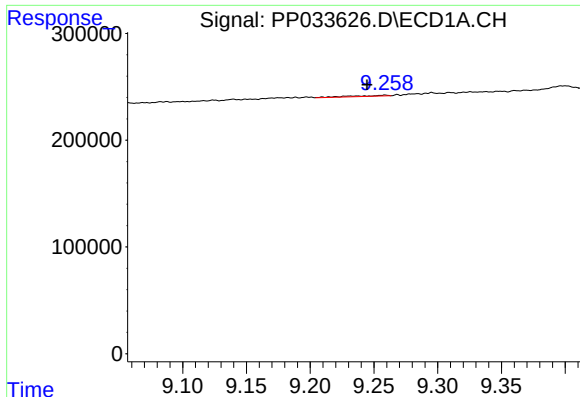
#41 AR-1268-1

R.T.: 9.140 min  
Delta R.T.: -0.015 min  
Response: 5634  
Conc: 0.71 ng/ml



#41 AR-1268-1

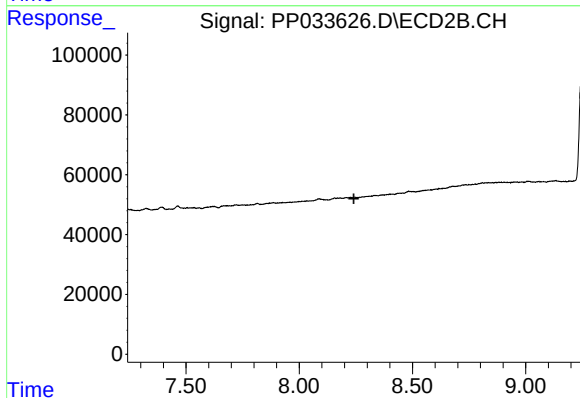
R.T.: 0.000 min  
Exp R.T. : 8.175 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

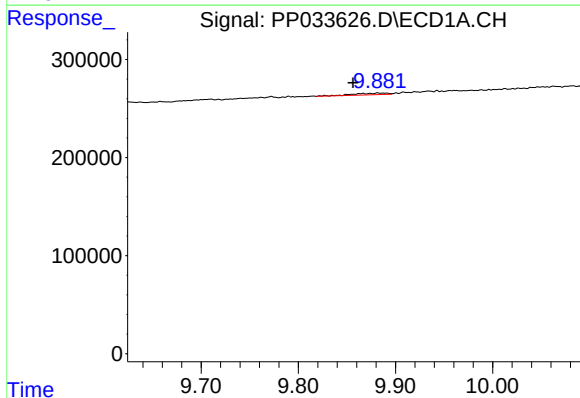
R.T.: 9.259 min  
Delta R.T.: 0.014 min  
Response: 17378  
Conc: 2.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



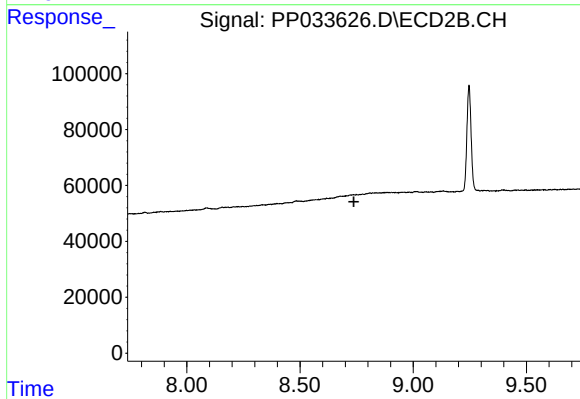
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.241 min  
Response: 0  
Conc: N.D.



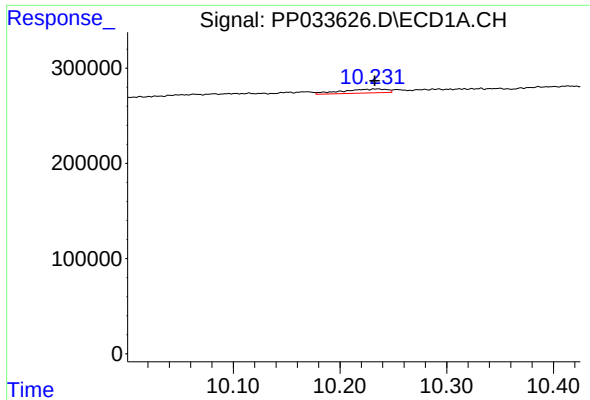
#44 AR-1268-4

R.T.: 9.882 min  
Delta R.T.: 0.026 min  
Response: 42744  
Conc: 20.57 ng/ml



#44 AR-1268-4

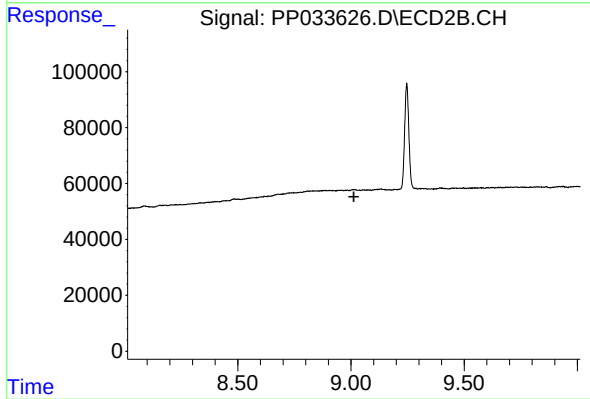
R.T.: 0.000 min  
Exp R.T. : 8.738 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.236 min  
Delta R.T.: 0.003 min  
Response: 121623  
Conc: 7.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

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