

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP120220\  
 Data File : PP031773.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 02 Dec 2020 8:22  
 Operator : DD\AJ  
 Sample : HEXANE  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 02 13:02:04 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP112220.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 24 12:23:58 2020  
 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... | 0.000 | 4.066  | 0      | 36593  | N.D.  | 0.764 #   |
| 2)                          | SA Decachlor... | 0.000 | 9.370  | 0      | 30978  | N.D.  | 0.837 #   |
| Target Compounds            |                 |       |        |        |        |       |           |
| 3)                          | L1 AR-1016-1    | 0.000 | 5.322  | 0      | 14652  | N.D.  | 9.915 #   |
| 4)                          | L1 AR-1016-2    | 0.000 | 5.338  | 0      | 12521  | N.D.  | 5.758 #   |
| 5)                          | L1 AR-1016-3    | 0.000 | 5.531  | 0      | 2356   | N.D.  | 2.016 #   |
| 6)                          | L1 AR-1016-4    | 0.000 | 5.577  | 0      | 2859   | N.D.  | 3.275 #   |
| 8)                          | L2 AR-1221-1    | 0.000 | 4.321  | 0      | 32780  | N.D.  | 64.611 #  |
| 9)                          | L2 AR-1221-2    | 0.000 | 4.426  | 0      | 47025  | N.D.  | 121.903 # |
| 10)                         | L2 AR-1221-3    | 0.000 | 4.507  | 0      | 27655  | N.D.  | 22.928 #  |
| 11)                         | L3 AR-1232-1    | 0.000 | 4.507  | 0      | 27655  | N.D.  | 26.620 #  |
| 12)                         | L3 AR-1232-2    | 0.000 | 5.338  | 0      | 12521  | N.D.  | 12.857 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 5.531  | 0      | 2356   | N.D.  | 4.468 #   |
| 14)                         | L3 AR-1232-4    | 0.000 | 5.637  | 0      | 3233   | N.D.  | 7.656 #   |
| 16)                         | L4 AR-1242-1    | 0.000 | 5.314  | 0      | 12743  | N.D.  | 11.162 #  |
| 17)                         | L4 AR-1242-2    | 0.000 | 5.338  | 0      | 12521  | N.D.  | 7.445 #   |
| 18)                         | L4 AR-1242-3    | 0.000 | 5.531  | 0      | 2356   | N.D.  | 2.580 #   |
| 19)                         | L4 AR-1242-4    | 0.000 | 5.637  | 0      | 3233   | N.D.  | 3.849 #   |
| 20)                         | L4 AR-1242-5    | 0.000 | 6.185  | 0      | 14391  | N.D.  | 13.948 #  |
| 21)                         | L5 AR-1248-1    | 0.000 | 5.322  | 0      | 14652  | N.D.  | 17.011 #  |
| 22)                         | L5 AR-1248-2    | 0.000 | 5.577  | 0      | 2859   | N.D.  | 2.394 #   |
| 23)                         | L5 AR-1248-3    | 0.000 | 5.637  | 0      | 3233   | N.D.  | 2.555 #   |
| 25)                         | L5 AR-1248-5    | 0.000 | 6.239  | 0      | 10808  | N.D.  | 7.408 #   |
| 26)                         | L6 AR-1254-1    | 0.000 | 6.185  | 0      | 14391  | N.D.  | 6.652 #   |
| 27)                         | L6 AR-1254-2    | 0.000 | 6.335  | 0      | 4557   | N.D.  | 2.446 #   |
| 29)                         | L6 AR-1254-4    | 0.000 | 7.009  | 0      | 1406   | N.D.  | 0.828 #   |
| 30)                         | L6 AR-1254-5    | 0.000 | 7.437  | 0      | 117550 | N.D.  | 43.544 #  |
| 31)                         | L7 AR-1260-1    | 0.000 | 6.907  | 0      | 2216   | N.D.  | 1.121 #   |
| 32)                         | L7 AR-1260-2    | 0.000 | 7.115  | 0      | 4290   | N.D.  | 1.762 #   |
| 33)                         | L7 AR-1260-3    | 0.000 | 7.236f | 0      | 1093   | N.D.  | 0.479 #   |
| 34)                         | L7 AR-1260-4    | 0.000 | 7.721f | 0      | 3327   | N.D.  | 1.751 #   |
| 35)                         | L7 AR-1260-5    | 0.000 | 7.988  | 0      | 131980 | N.D.  | 29.084 #  |
| 36)                         | L8 AR-1262-1    | 0.000 | 7.503f | 0      | 4746   | N.D.  | 1.708 #   |
| 37)                         | L8 AR-1262-2    | 0.000 | 7.988  | 0      | 131980 | N.D.  | 27.171 #  |
| 38)                         | L8 AR-1262-3    | 0.000 | 8.266  | 0      | 7624   | N.D.  | 3.876 #   |
| 41)                         | L9 AR-1268-1    | 0.000 | 8.266  | 0      | 7624   | N.D.  | 1.378 #   |
| 43)                         | L9 AR-1268-3    | 0.000 | 8.553  | 0      | 1308   | N.D.  | 0.285 #   |
| -----                       |                 |       |        |        |        |       |           |

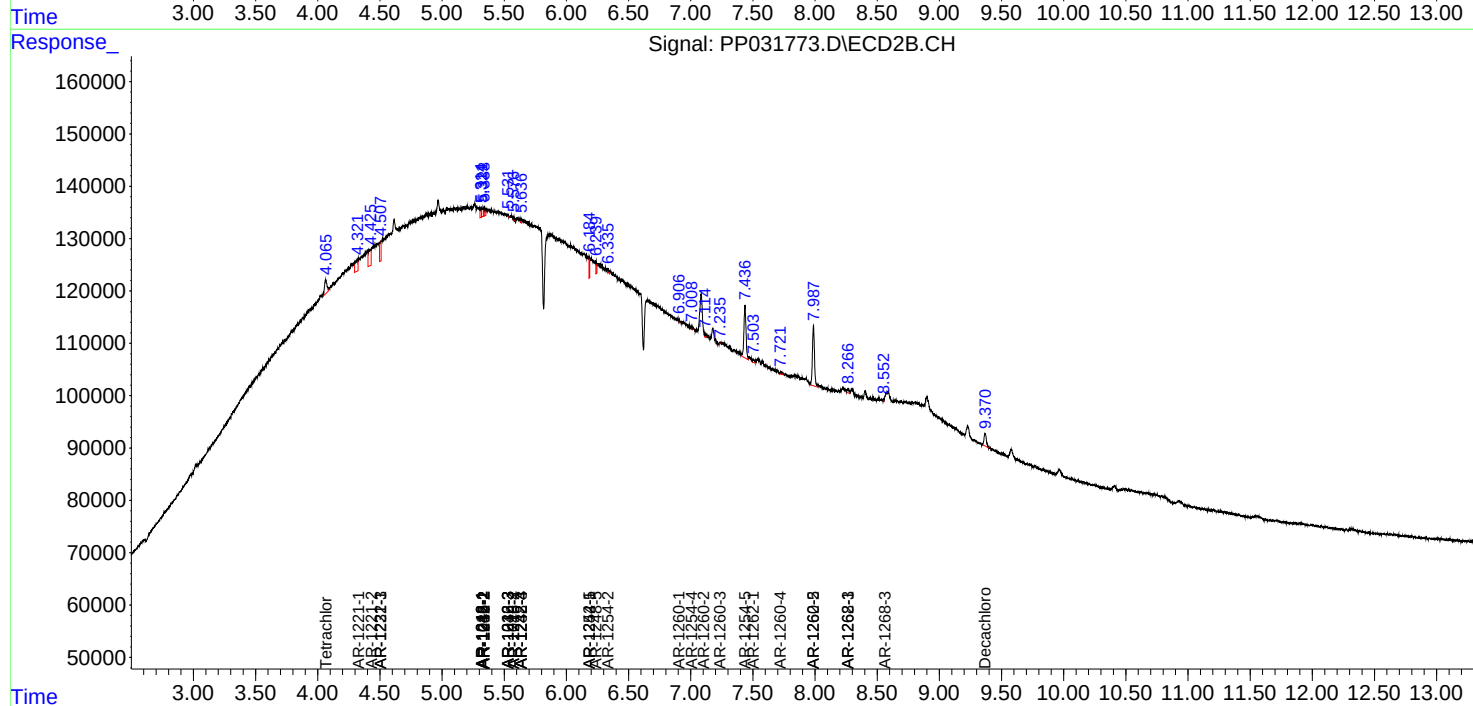
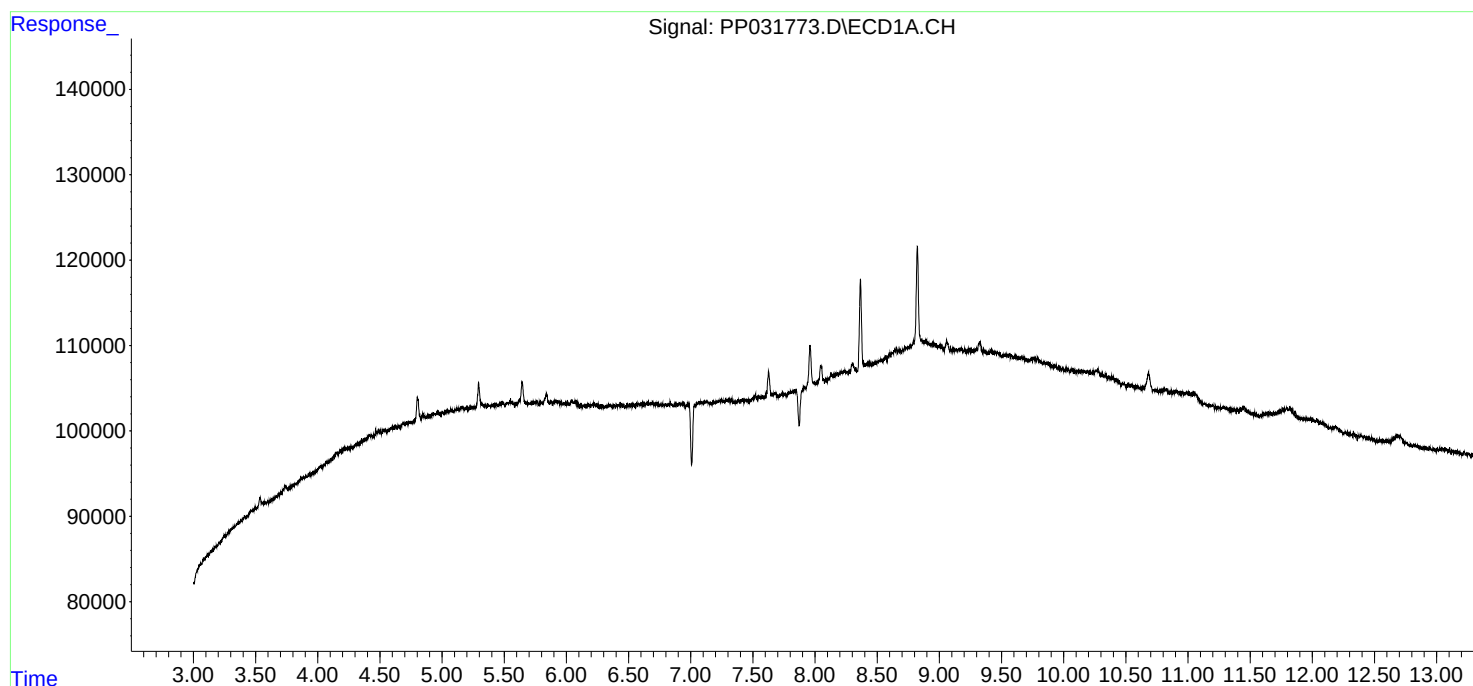
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

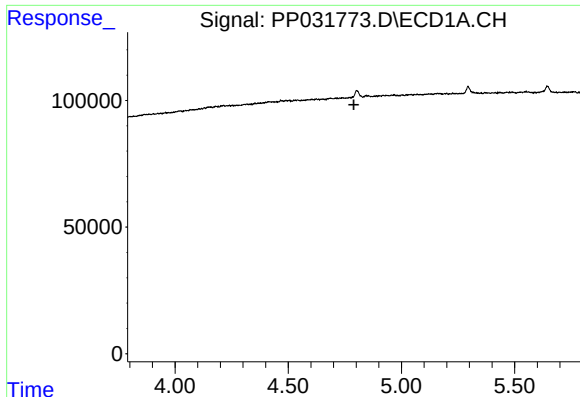
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP120220\  
Data File : PP031773.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 02 Dec 2020 8:22  
Operator : DD\AJ  
Sample : HEXANE  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 02 13:02:04 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP112220.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 24 12:23:58 2020  
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

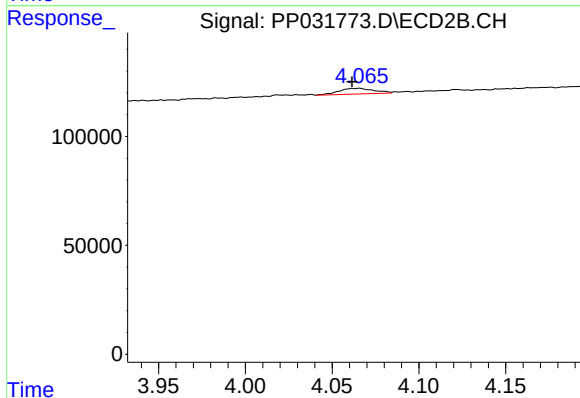




#1 Tetrachloro-m-xylene

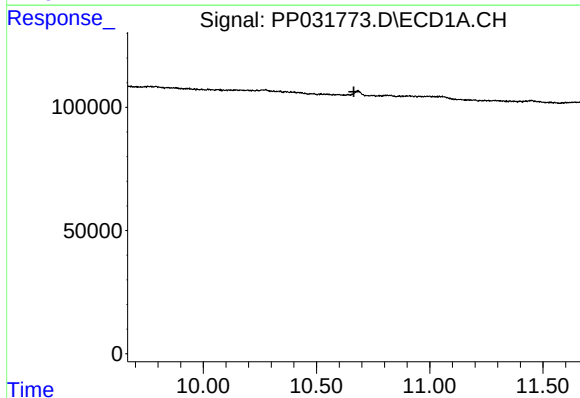
R.T.: 0.000 min  
Exp R.T.: 4.790 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



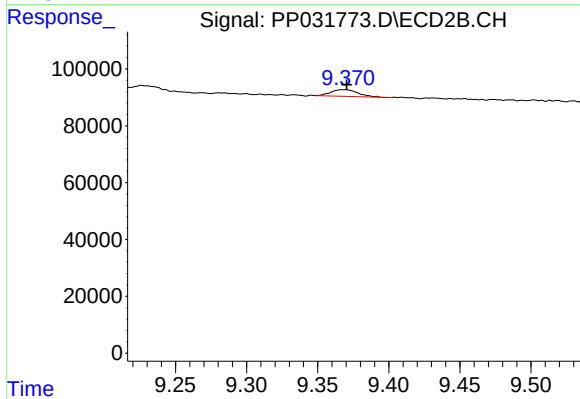
#1 Tetrachloro-m-xylene

R.T.: 4.066 min  
Delta R.T.: 0.004 min  
Response: 36593  
Conc: 0.76 ng/ml



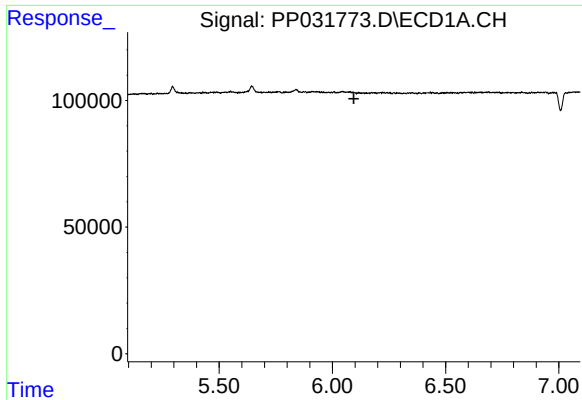
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T.: 10.665 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

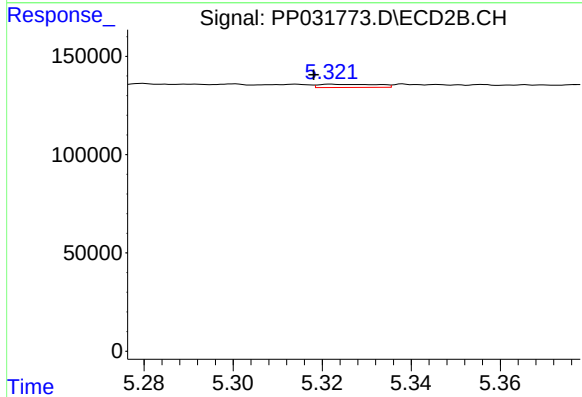
R.T.: 9.370 min  
Delta R.T.: 0.000 min  
Response: 30978  
Conc: 0.84 ng/ml



#3 AR-1016-1

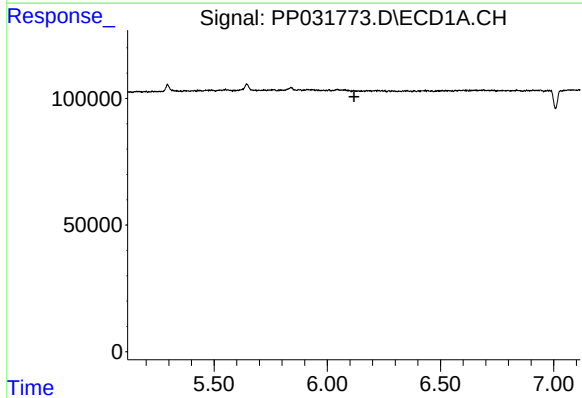
R.T.: 0.000 min  
Exp R.T.: 6.095 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



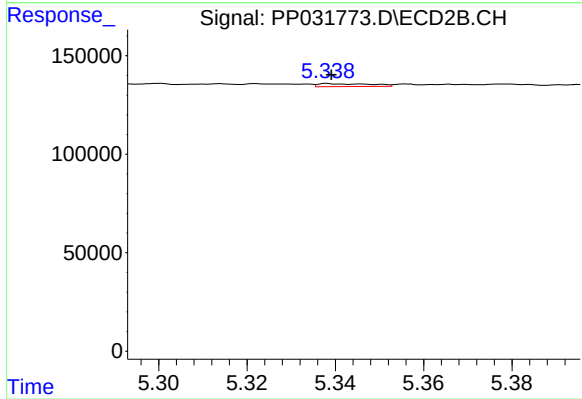
#3 AR-1016-1

R.T.: 5.322 min  
Delta R.T.: 0.004 min  
Response: 14652  
Conc: 9.91 ng/ml



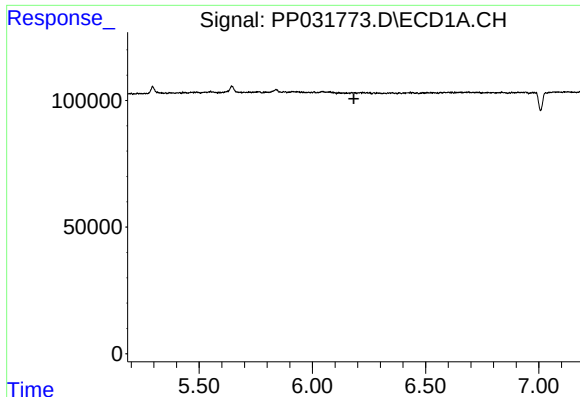
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 6.118 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

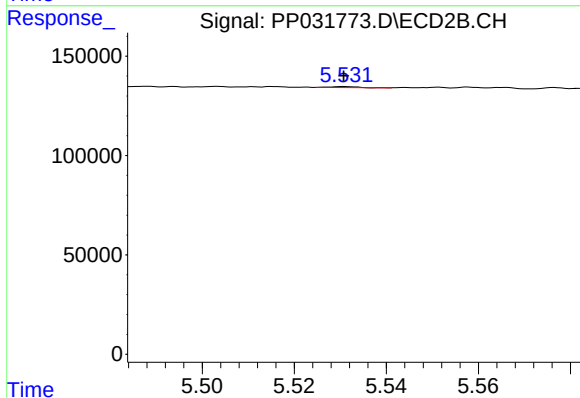
R.T.: 5.338 min  
Delta R.T.: 0.000 min  
Response: 12521  
Conc: 5.76 ng/ml



#5 AR-1016-3

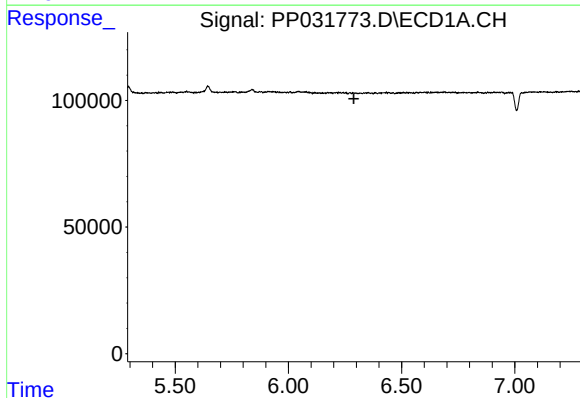
R.T.: 0.000 min  
Exp R.T.: 6.183 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



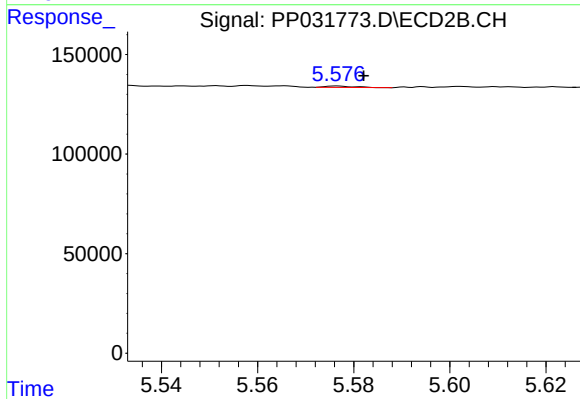
#5 AR-1016-3

R.T.: 5.531 min  
Delta R.T.: 0.000 min  
Response: 2356  
Conc: 2.02 ng/ml



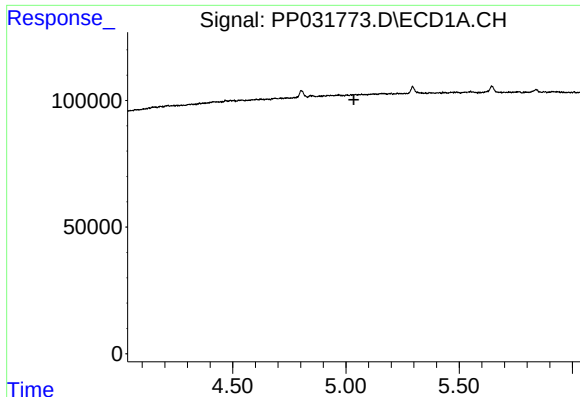
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 6.289 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

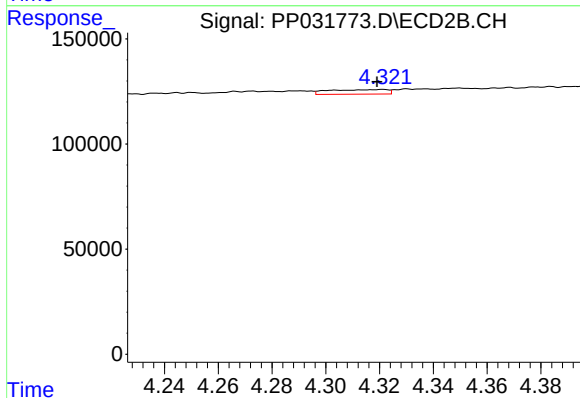
R.T.: 5.577 min  
Delta R.T.: -0.005 min  
Response: 2859  
Conc: 3.28 ng/ml



#8 AR-1221-1

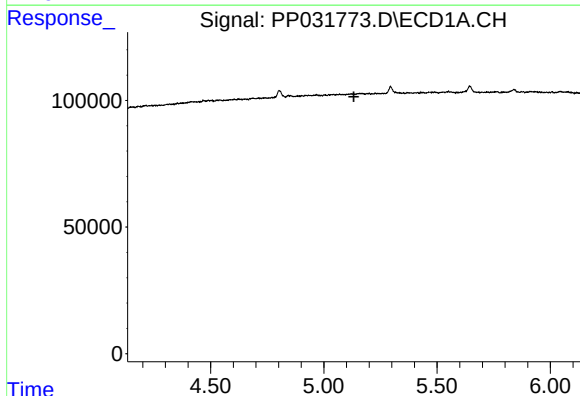
R.T.: 0.000 min  
Exp R.T.: 5.035 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



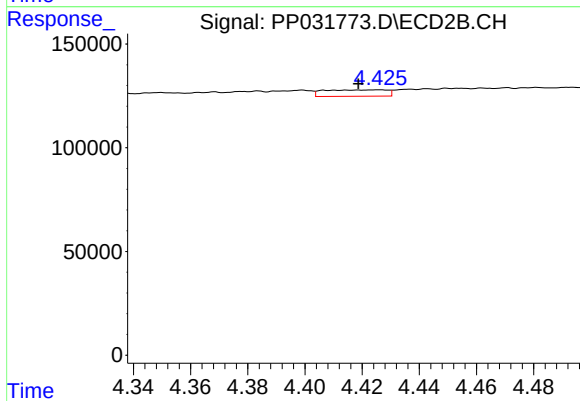
#8 AR-1221-1

R.T.: 4.321 min  
Delta R.T.: 0.002 min  
Response: 32780  
Conc: 64.61 ng/ml



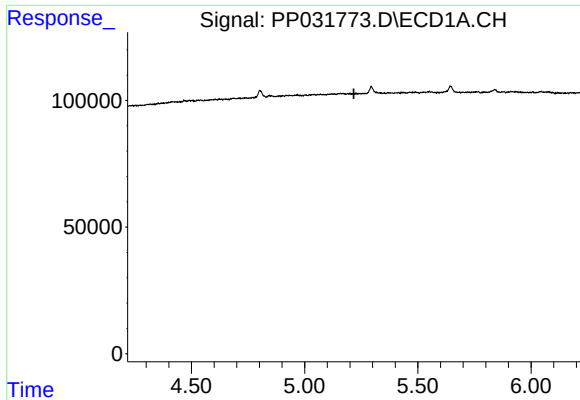
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 5.133 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

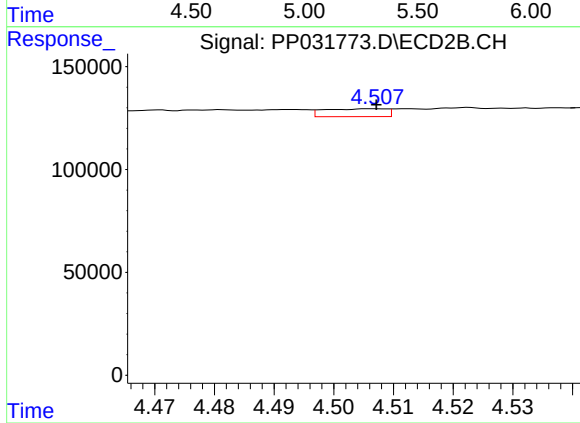
R.T.: 4.426 min  
Delta R.T.: 0.008 min  
Response: 47025  
Conc: 121.90 ng/ml



#10 AR-1221-3

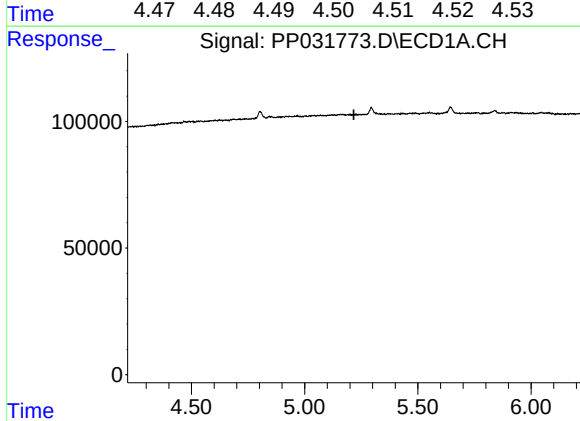
R.T.: 0.000 min  
Exp R.T.: 5.218 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



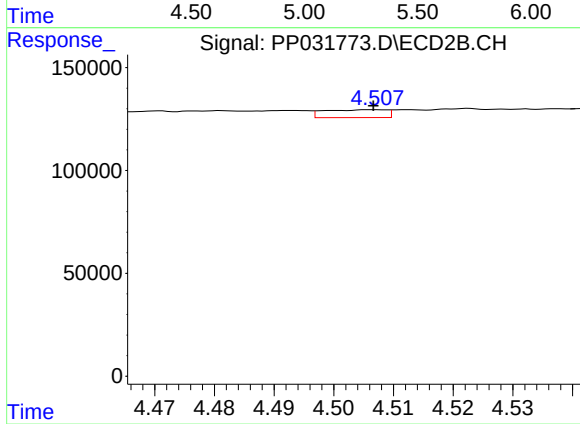
#10 AR-1221-3

R.T.: 4.507 min  
Delta R.T.: 0.000 min  
Response: 27655  
Conc: 22.93 ng/ml



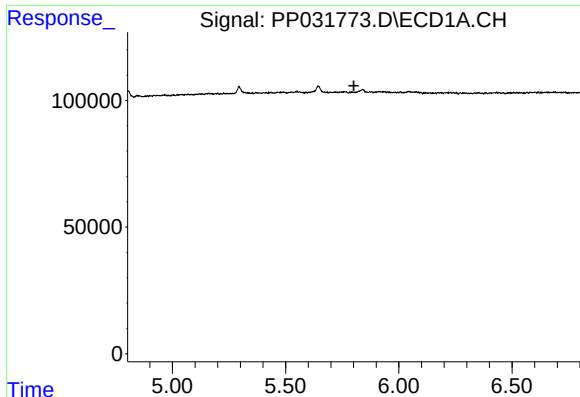
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T.: 5.218 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

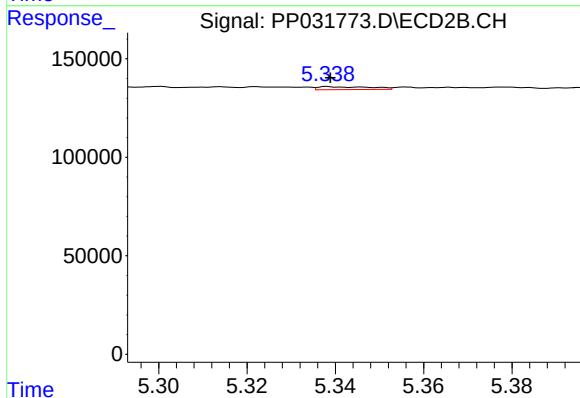
R.T.: 4.507 min  
Delta R.T.: 0.000 min  
Response: 27655  
Conc: 26.62 ng/ml



#12 AR-1232-2

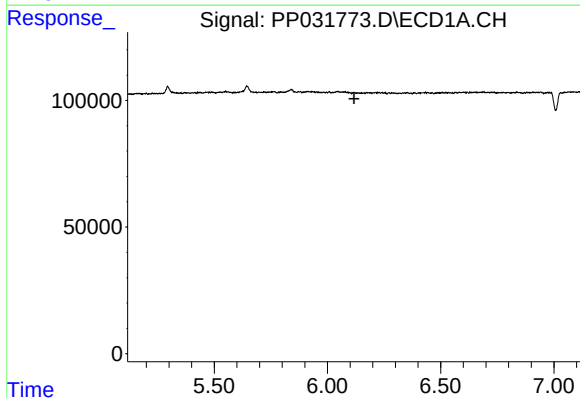
R.T.: 0.000 min  
Exp R.T.: 5.802 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



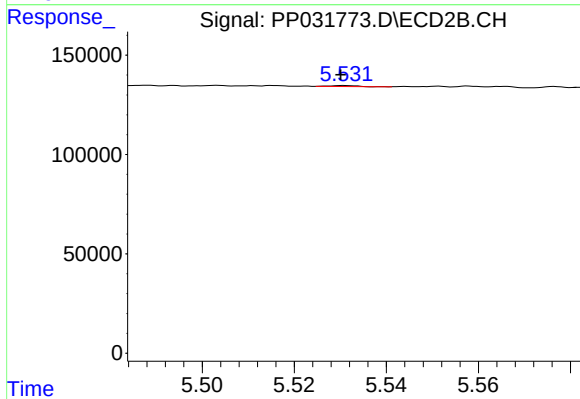
#12 AR-1232-2

R.T.: 5.338 min  
Delta R.T.: 0.000 min  
Response: 12521  
Conc: 12.86 ng/ml



#13 AR-1232-3

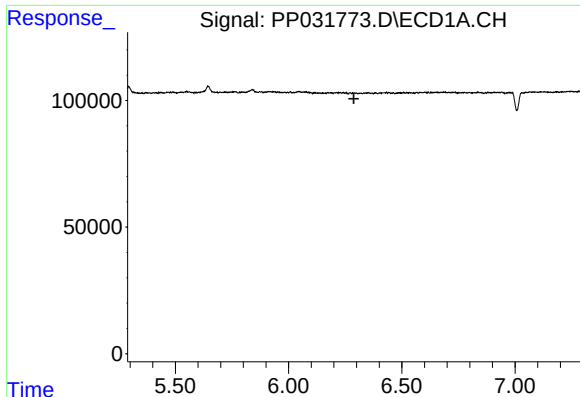
R.T.: 0.000 min  
Exp R.T.: 6.117 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

R.T.: 5.531 min  
Delta R.T.: 0.000 min  
Response: 2356  
Conc: 4.47 ng/ml

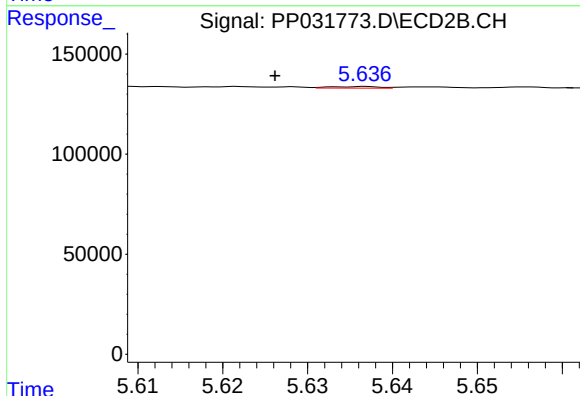




#14 AR-1232-4

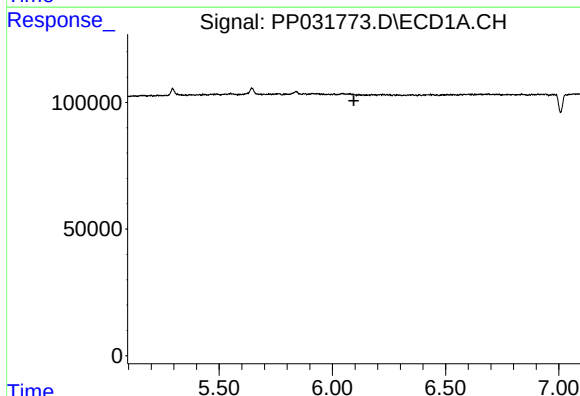
R.T.: 0.000 min  
Exp R.T.: 6.288 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



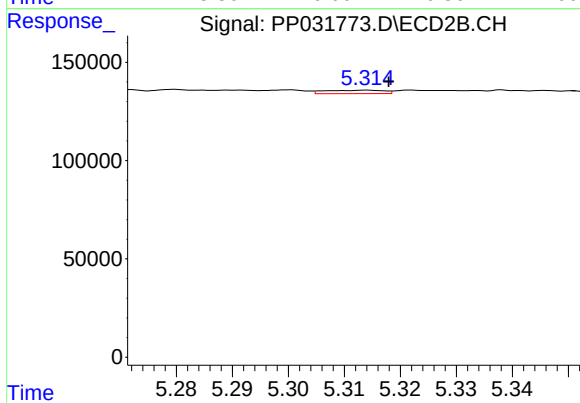
#14 AR-1232-4

R.T.: 5.637 min  
Delta R.T.: 0.011 min  
Response: 3233  
Conc: 7.66 ng/ml



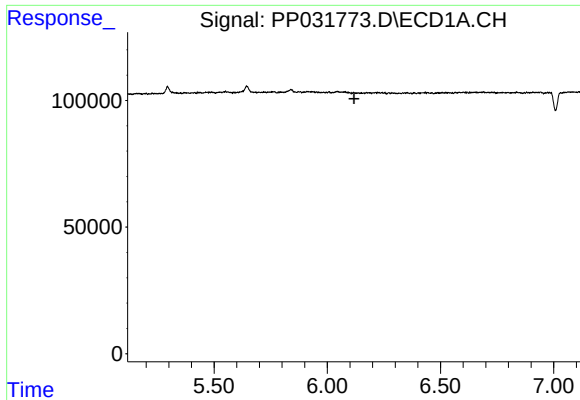
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 6.095 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

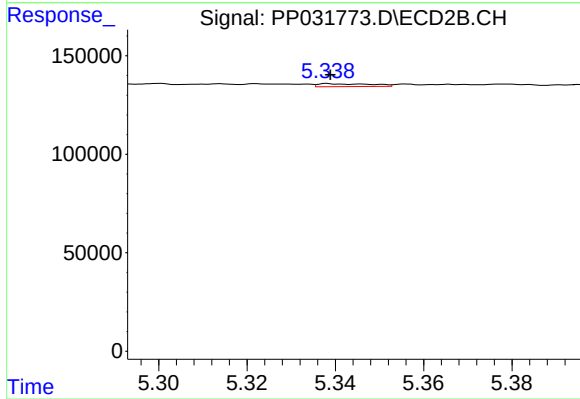
R.T.: 5.314 min  
Delta R.T.: -0.004 min  
Response: 12743  
Conc: 11.16 ng/ml



#17 AR-1242-2

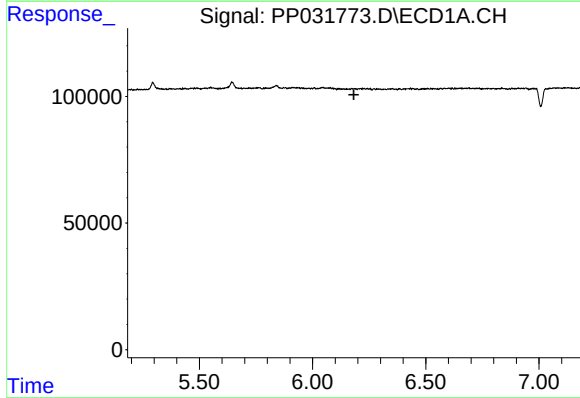
R.T.: 0.000 min  
Exp R.T. : 6.118 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



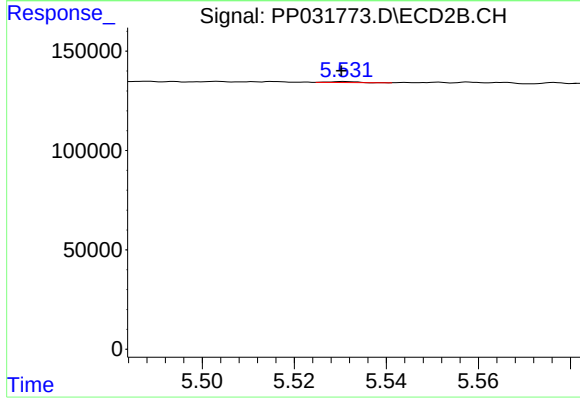
#17 AR-1242-2

R.T.: 5.338 min  
Delta R.T.: 0.000 min  
Response: 12521  
Conc: 7.45 ng/ml



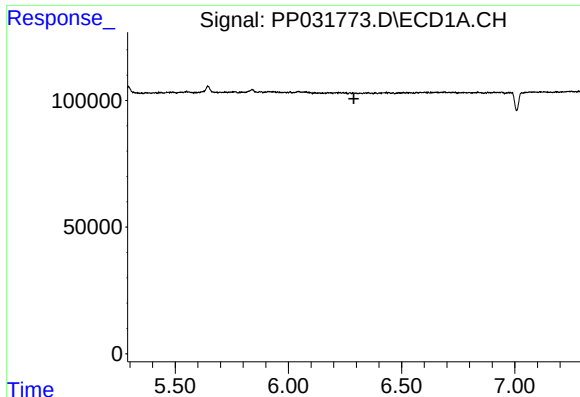
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 6.183 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

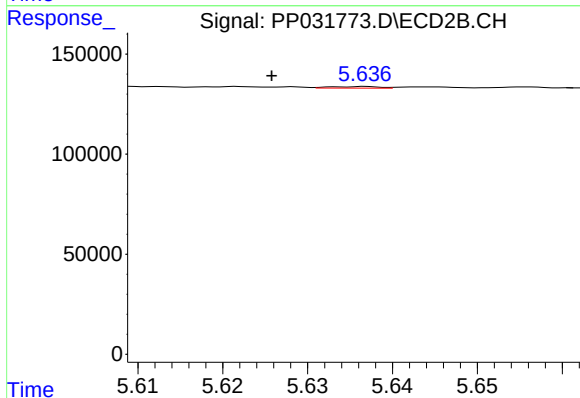
R.T.: 5.531 min  
Delta R.T.: 0.000 min  
Response: 2356  
Conc: 2.58 ng/ml



#19 AR-1242-4

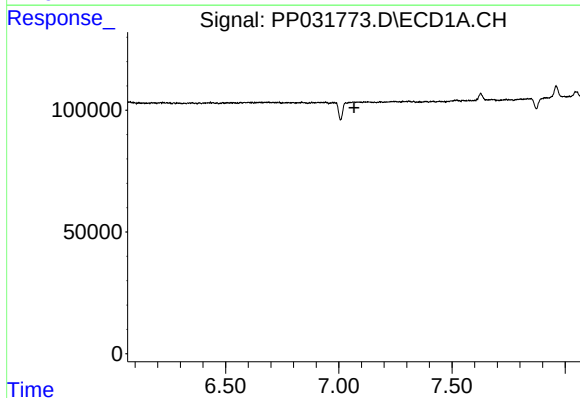
R.T.: 0.000 min  
Exp R.T.: 6.289 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



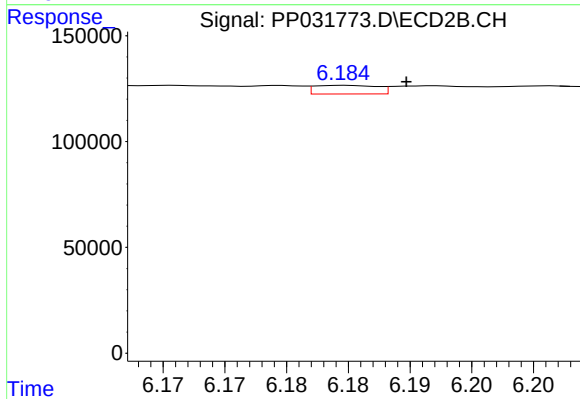
#19 AR-1242-4

R.T.: 5.637 min  
Delta R.T.: 0.011 min  
Response: 3233  
Conc: 3.85 ng/ml



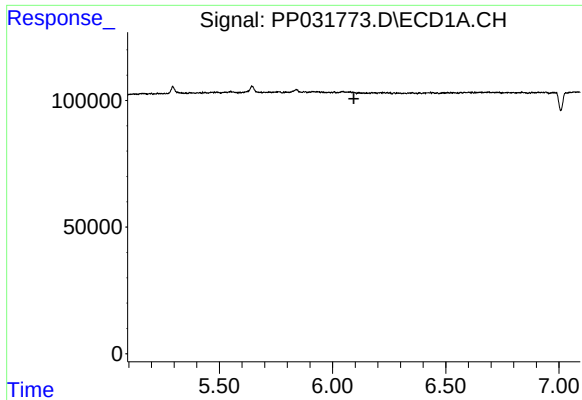
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 7.067 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

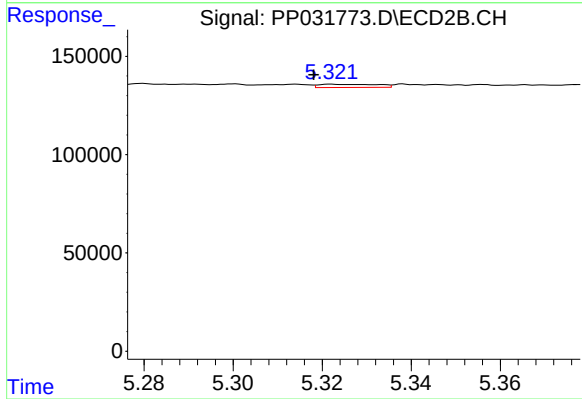
R.T.: 6.185 min  
Delta R.T.: -0.005 min  
Response: 14391  
Conc: 13.95 ng/ml



#21 AR-1248-1

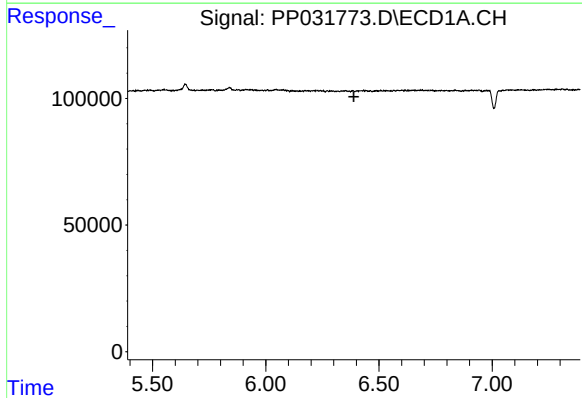
R.T.: 0.000 min  
Exp R.T.: 6.094 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



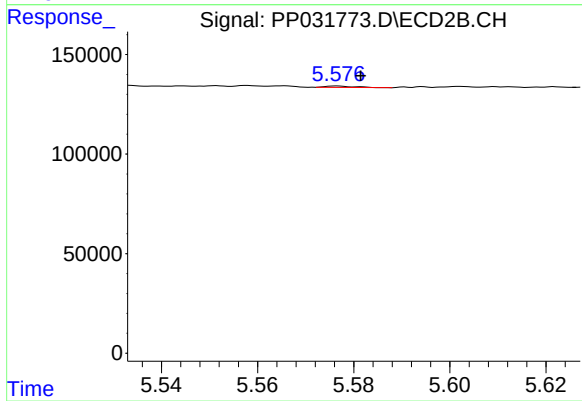
#21 AR-1248-1

R.T.: 5.322 min  
Delta R.T.: 0.004 min  
Response: 14652  
Conc: 17.01 ng/ml



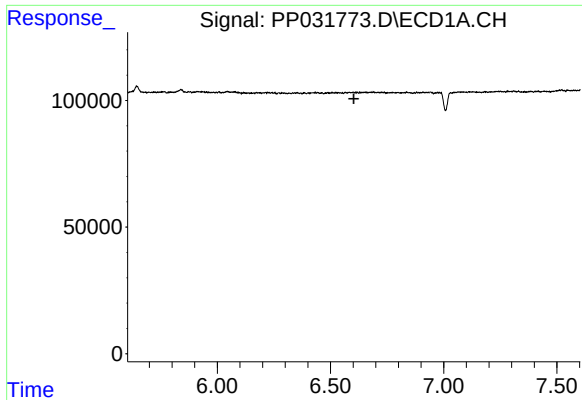
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 6.389 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

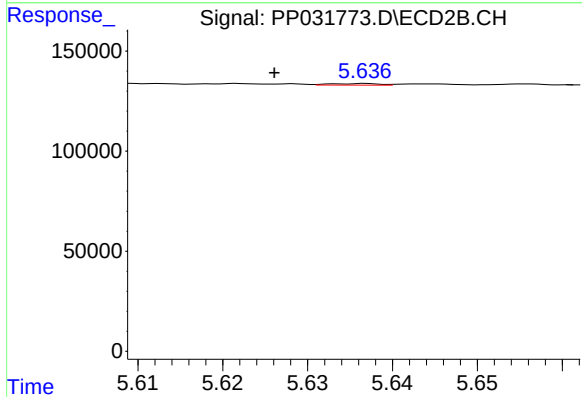
R.T.: 5.577 min  
Delta R.T.: -0.005 min  
Response: 2859  
Conc: 2.39 ng/ml



#23 AR-1248-3

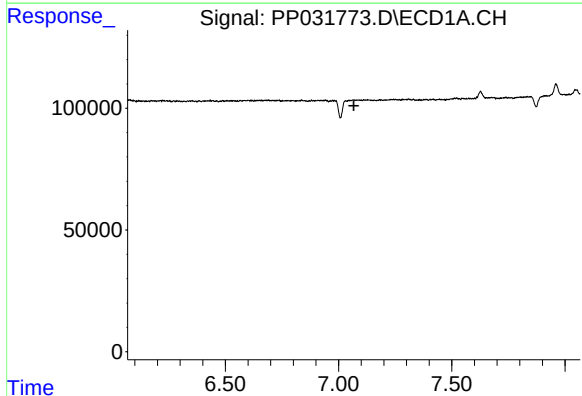
R.T.: 0.000 min  
Exp R.T.: 6.603 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



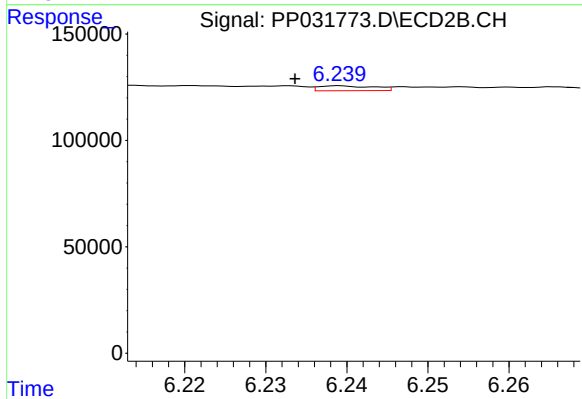
#23 AR-1248-3

R.T.: 5.637 min  
Delta R.T.: 0.011 min  
Response: 3233  
Conc: 2.55 ng/ml



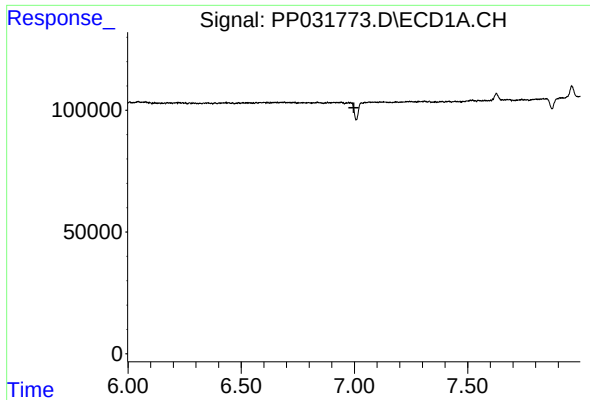
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 7.068 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

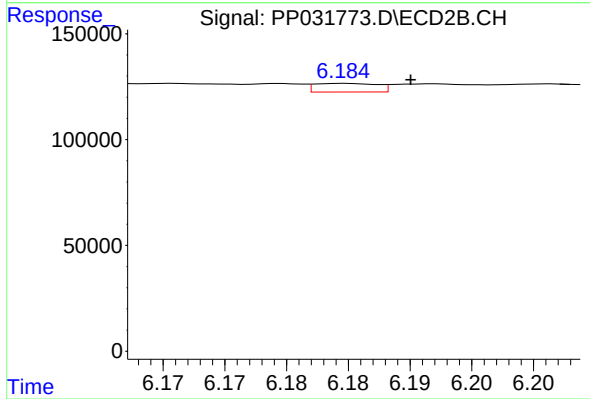
R.T.: 6.239 min  
Delta R.T.: 0.005 min  
Response: 10808  
Conc: 7.41 ng/ml



#26 AR-1254-1

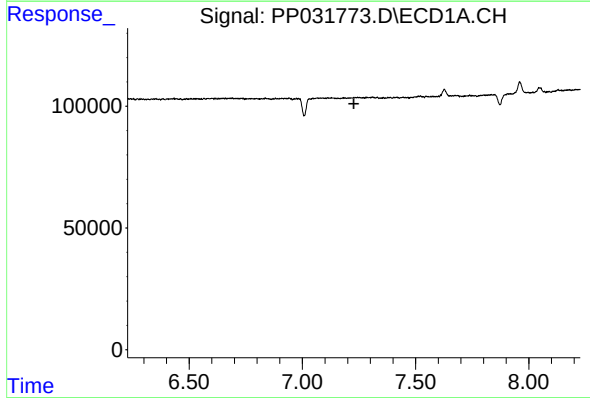
R.T.: 0.000 min  
Exp R.T.: 6.998 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



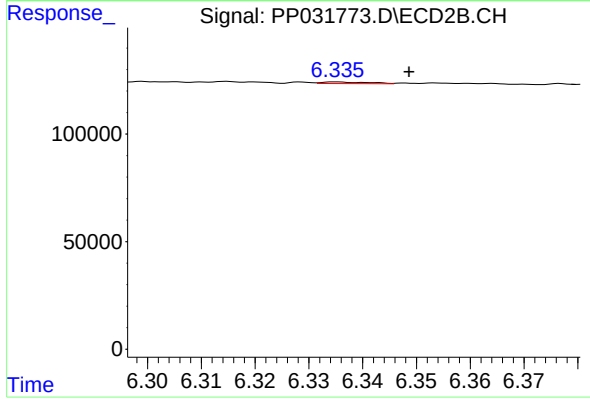
#26 AR-1254-1

R.T.: 6.185 min  
Delta R.T.: -0.005 min  
Response: 14391  
Conc: 6.65 ng/ml



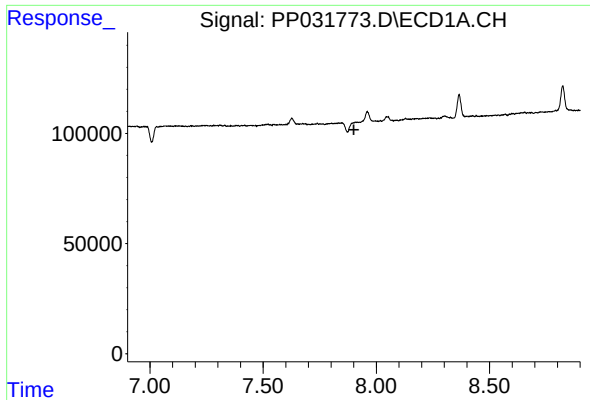
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 7.228 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

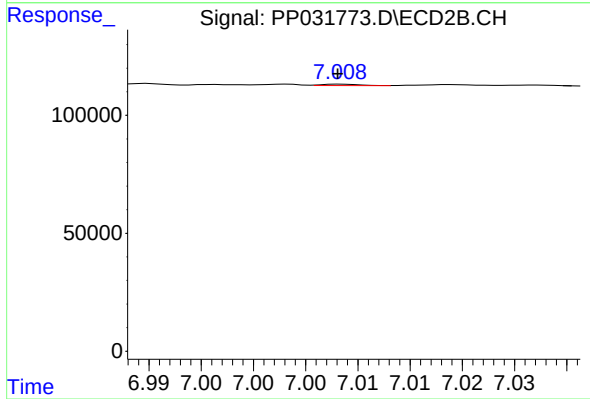
R.T.: 6.335 min  
Delta R.T.: -0.013 min  
Response: 4557  
Conc: 2.45 ng/ml



#29 AR-1254-4

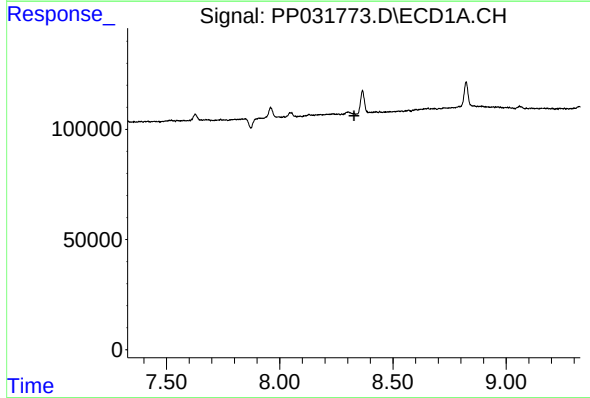
R.T.: 0.000 min  
Exp R.T. : 7.901 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



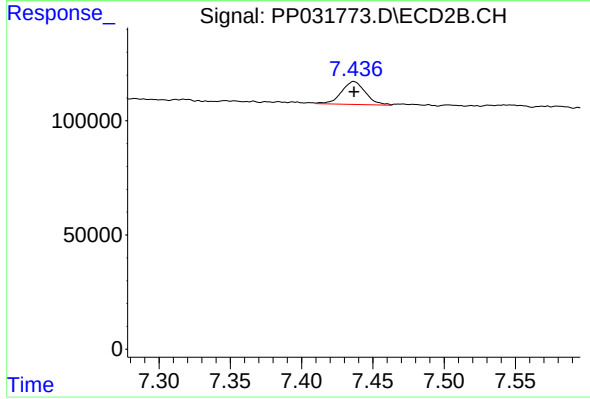
#29 AR-1254-4

R.T.: 7.009 min  
Delta R.T.: 0.000 min  
Response: 1406  
Conc: 0.83 ng/ml



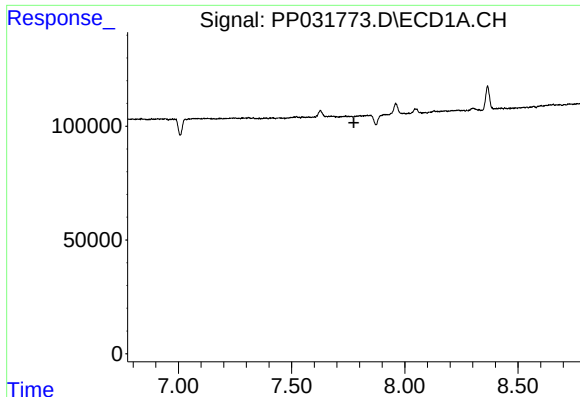
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 8.328 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

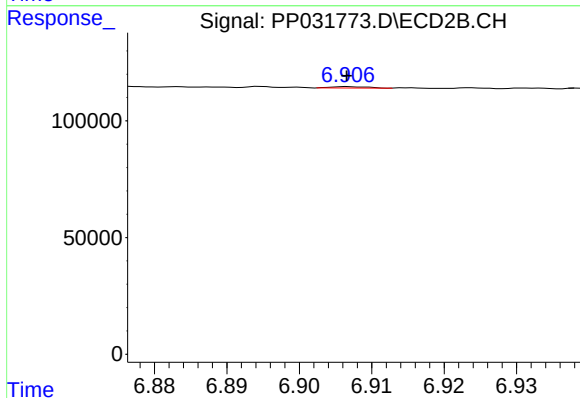
R.T.: 7.437 min  
Delta R.T.: 0.000 min  
Response: 117550  
Conc: 43.54 ng/ml



#31 AR-1260-1

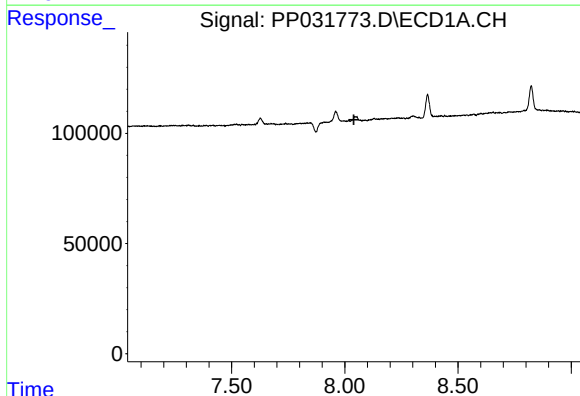
R.T.: 0.000 min  
Exp R.T.: 7.775 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



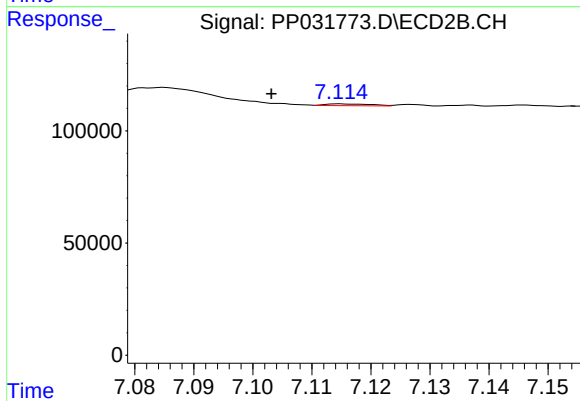
#31 AR-1260-1

R.T.: 6.907 min  
Delta R.T.: 0.000 min  
Response: 2216  
Conc: 1.12 ng/ml



#32 AR-1260-2

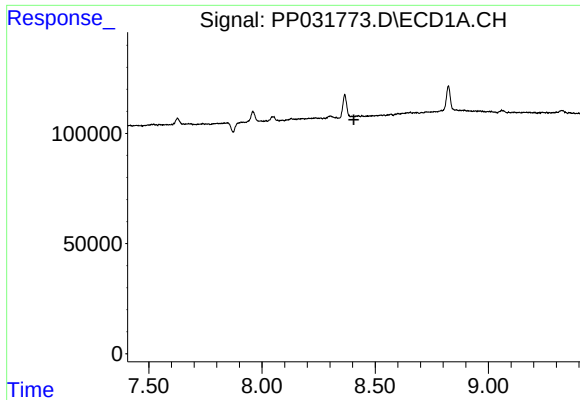
R.T.: 0.000 min  
Exp R.T.: 8.040 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

R.T.: 7.115 min  
Delta R.T.: 0.012 min  
Response: 4290  
Conc: 1.76 ng/ml

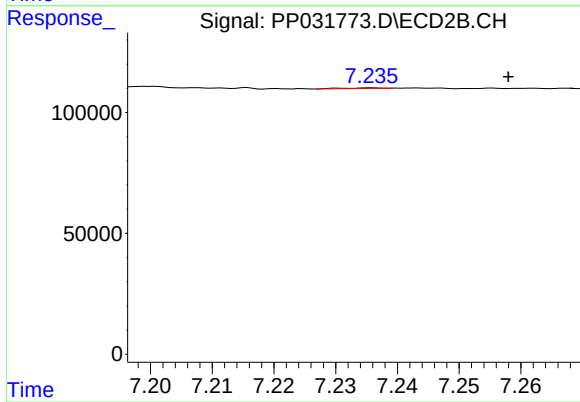




#33 AR-1260-3

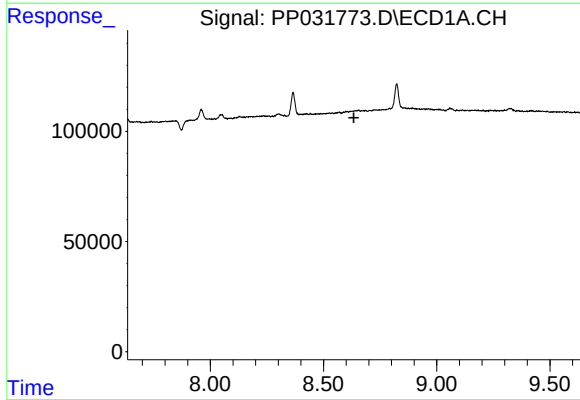
R.T.: 0.000 min  
Exp R.T. : 8.406 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



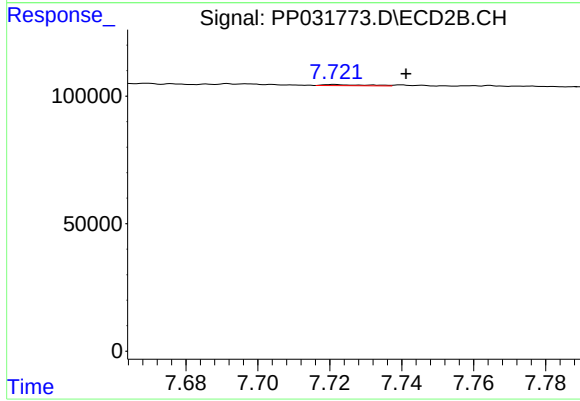
#33 AR-1260-3

R.T.: 7.236 min  
Delta R.T.: -0.022 min  
Response: 1093  
Conc: 0.48 ng/ml



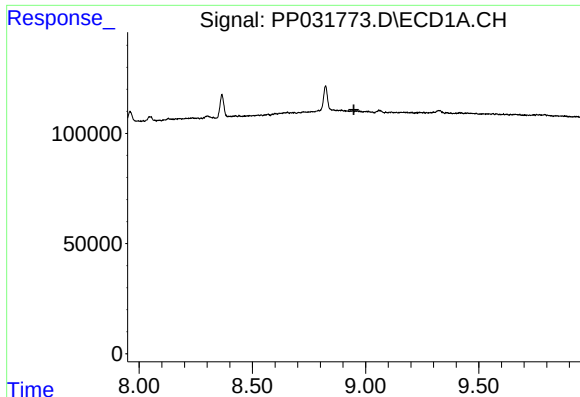
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 8.634 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

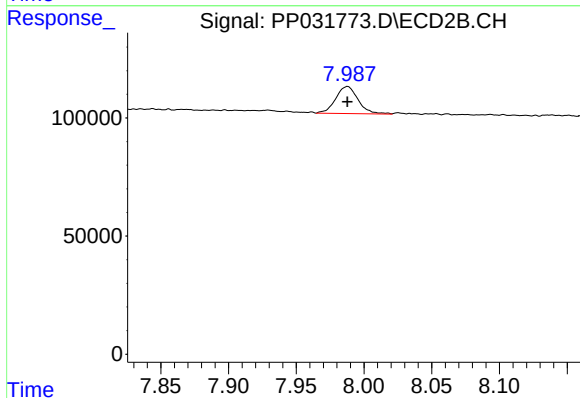
R.T.: 7.721 min  
Delta R.T.: -0.020 min  
Response: 3327  
Conc: 1.75 ng/ml



#35 AR-1260-5

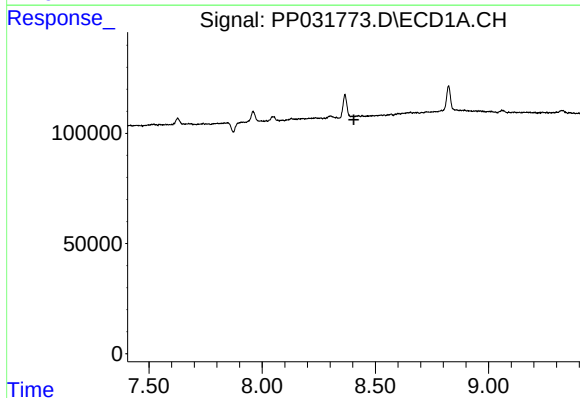
R.T.: 0.000 min  
Exp R.T.: 8.948 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



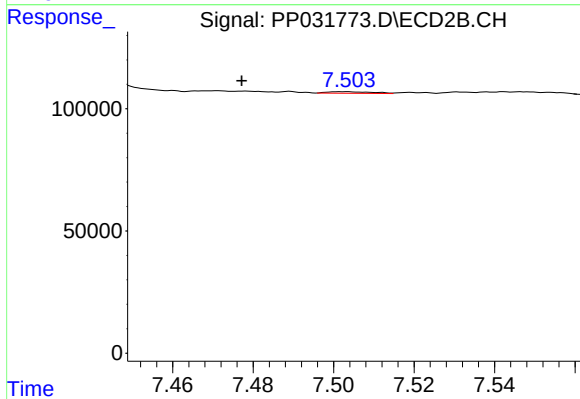
#35 AR-1260-5

R.T.: 7.988 min  
Delta R.T.: 0.000 min  
Response: 131980  
Conc: 29.08 ng/ml



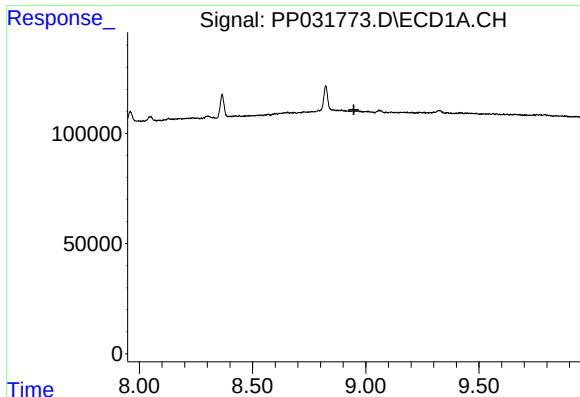
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 8.405 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

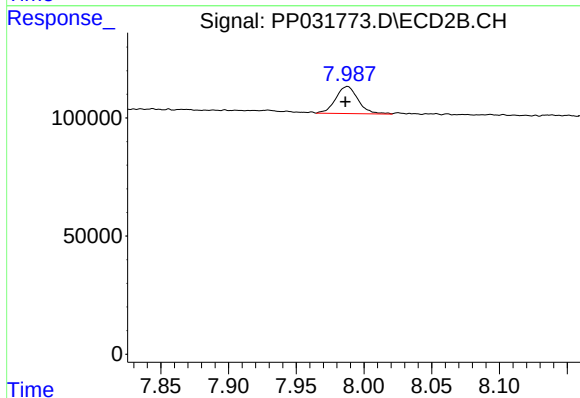
R.T.: 7.503 min  
Delta R.T.: 0.026 min  
Response: 4746  
Conc: 1.71 ng/ml



#37 AR-1262-2

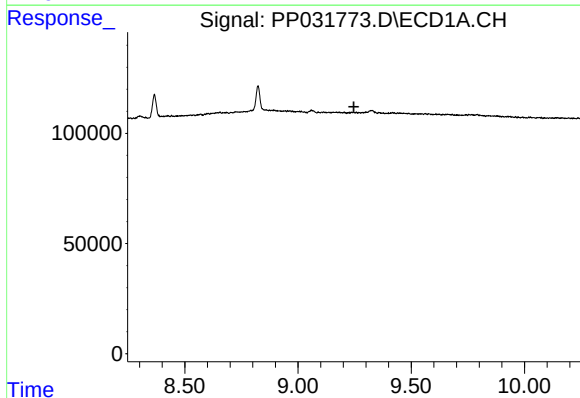
R.T.: 0.000 min  
Exp R.T. : 8.948 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



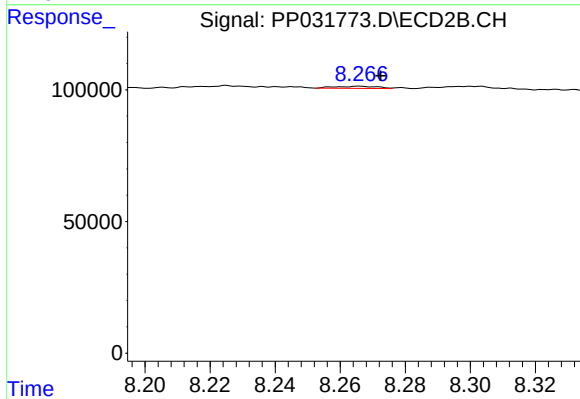
#37 AR-1262-2

R.T.: 7.988 min  
Delta R.T.: 0.002 min  
Response: 131980  
Conc: 27.17 ng/ml



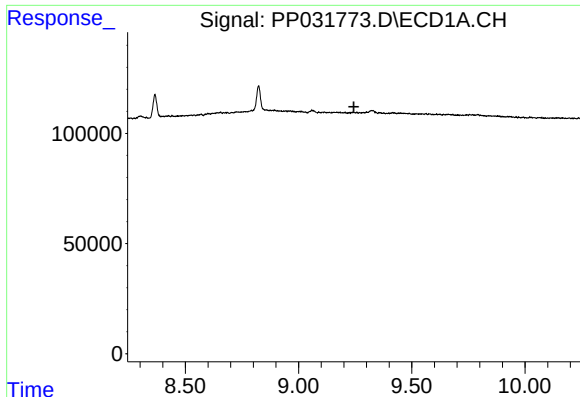
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 9.246 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

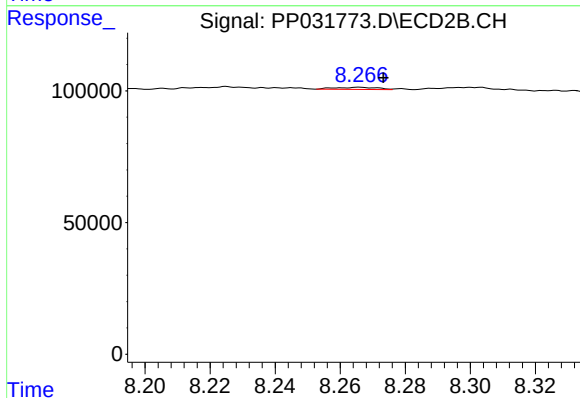
R.T.: 8.266 min  
Delta R.T.: -0.006 min  
Response: 7624  
Conc: 3.88 ng/ml



#41 AR-1268-1

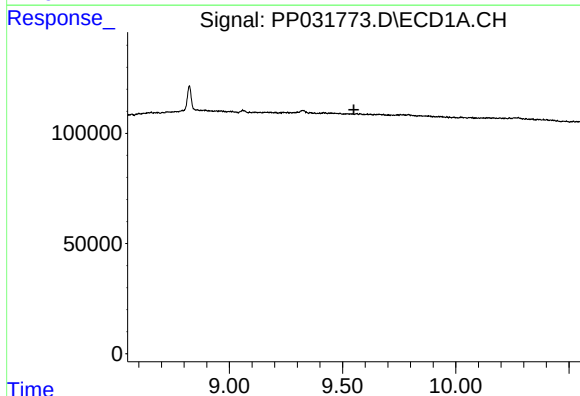
R.T.: 0.000 min  
Exp R.T.: 9.244 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



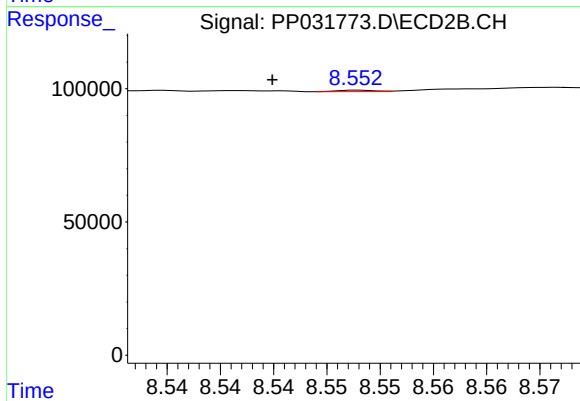
#41 AR-1268-1

R.T.: 8.266 min  
Delta R.T.: -0.007 min  
Response: 7624  
Conc: 1.38 ng/ml



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 9.550 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

R.T.: 8.553 min  
Delta R.T.: 0.008 min  
Response: 1308  
Conc: 0.29 ng/ml