

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP071521\  
 Data File : PP037306.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 15 Jul 2021 13:51  
 Operator : DD\AJ  
 Sample : M3032-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 15 15:39:10 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... | 4.955   | 3.946  | 953678 | 560762 | 20.983  | 20.493    |
| 2)                          | SA Decachlor... | 10.984  | 9.240  | 983132 | 476334 | 21.356  | 17.113    |
| Target Compounds            |                 |         |        |        |        |         |           |
| 4)                          | L1 AR-1016-2    | 6.326f  | 5.232  | 15026  | 12135  | 6.010   | 8.476 #   |
| 5)                          | L1 AR-1016-3    | 6.370   | 5.396f | 32976  | 73620  | 20.705  | 94.227 #  |
| 6)                          | L1 AR-1016-4    | 0.000   | 5.460  | 0      | 113080 | N.D.    | 187.347 # |
| 7)                          | L1 AR-1016-5    | 6.811f  | 0.000  | 47842  | 0      | 37.819  | N.D. #    |
| 8)                          | L2 AR-1221-1    | 5.205   | 0.000  | 49004  | 0      | 92.395  | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.312   | 0.000  | 11608  | 0      | 28.652  | N.D. #    |
| 10)                         | L2 AR-1221-3    | 5.414f  | 0.000  | 11475  | 0      | 9.418   | N.D. #    |
| 11)                         | L3 AR-1232-1    | 5.414f  | 0.000  | 11475  | 0      | 10.327  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 6.001f  | 5.232  | 173203 | 12135  | 290.475 | 19.388 #  |
| 13)                         | L3 AR-1232-3    | 6.326f  | 5.396f | 15026  | 73620  | 13.732  | 221.738 # |
| 14)                         | L3 AR-1232-4    | 0.000   | 5.521  | 0      | 89689  | N.D.    | 325.303 # |
| 15)                         | L3 AR-1232-5    | 6.586   | 0.000  | 77464  | 0      | 201.421 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 0.000   | 5.232f | 0      | 12135  | N.D.    | 16.100 #  |
| 17)                         | L4 AR-1242-2    | 6.326f  | 5.232  | 15026  | 12135  | 8.287   | 11.793 #  |
| 18)                         | L4 AR-1242-3    | 6.370   | 5.396f | 32976  | 73620  | 28.671  | 129.290 # |
| 19)                         | L4 AR-1242-4    | 0.000   | 5.521  | 0      | 89689  | N.D.    | 174.027 # |
| 20)                         | L4 AR-1242-5    | 7.276f  | 6.070  | 29581  | 73873  | 28.445  | 108.529 # |
| 22)                         | L5 AR-1248-2    | 6.586   | 5.460  | 77464  | 113080 | 52.180  | 137.858 # |
| 23)                         | L5 AR-1248-3    | 6.811f  | 5.521  | 47842  | 89689  | 28.963  | 104.805 # |
| 24)                         | L5 AR-1248-4    | 7.198f  | 0.000  | 122762 | 0      | 64.950  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 7.276f  | 0.000  | 29581  | 0      | 15.805  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 7.198   | 6.070  | 122762 | 73873  | 68.334  | 49.761 #  |
| 27)                         | L6 AR-1254-2    | 7.425   | 6.246  | 113121 | 38981  | 40.666  | 30.009 #  |
| 28)                         | L6 AR-1254-3    | 7.806   | 6.645  | 94560  | 10579  | 30.671  | 4.957 #   |
| 29)                         | L6 AR-1254-4    | 8.087   | 0.000  | 19099  | 0      | 8.408   | N.D. #    |
| 30)                         | L6 AR-1254-5    | 8.520   | 7.317  | 47209  | 33891  | 18.865  | 18.079    |
| 31)                         | L7 AR-1260-1    | 7.963   | 6.785  | 13246  | 3934   | 6.017   | 2.847 #   |
| 32)                         | L7 AR-1260-2    | 8.224   | 7.011f | 176062 | 84305  | 63.291  | 50.184    |
| 33)                         | L7 AR-1260-3    | 0.000   | 7.137  | 0      | 32976  | N.D.    | 19.246 #  |
| 34)                         | L7 AR-1260-4    | 8.816   | 0.000  | 12691  | 0      | 5.159   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 9.151   | 7.874  | 16032  | 27419  | 3.474   | 8.501 #   |
| 36)                         | L8 AR-1262-1    | 0.000   | 7.317  | 0      | 33891  | N.D.    | 32.638 #  |
| 37)                         | L8 AR-1262-2    | 9.151   | 7.874  | 16032  | 27419  | 3.053   | 7.882 #   |
| 38)                         | L8 AR-1262-3    | 9.489f  | 8.160  | 13883  | 7578   | 3.623   | 5.382 #   |
| 39)                         | L8 AR-1262-4    | 9.533f  | 0.000  | 25906  | 0      | 8.816   | N.D. #    |
| 41)                         | L9 AR-1268-1    | 9.489f  | 8.160  | 13883  | 7578   | 2.286   | 1.902     |
| 44)                         | L9 AR-1268-4    | 10.266f | 0.000  | 45269  | 0      | 19.788  | N.D. #    |
| -----                       |                 |         |        |        |        |         |           |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP071521\  
Data File : PP037306.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 15 Jul 2021 13:51  
Operator : DD\AJ  
Sample : M3032-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

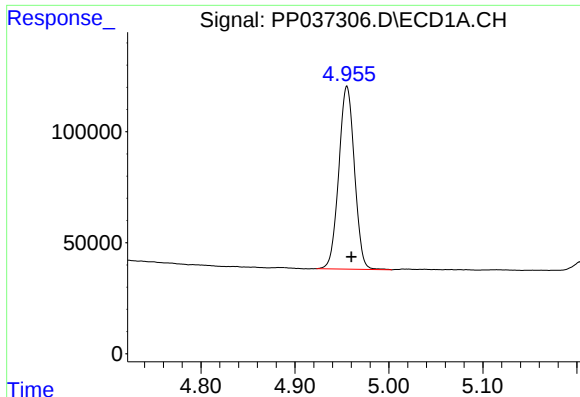
Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 15 15:39:10 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 |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |

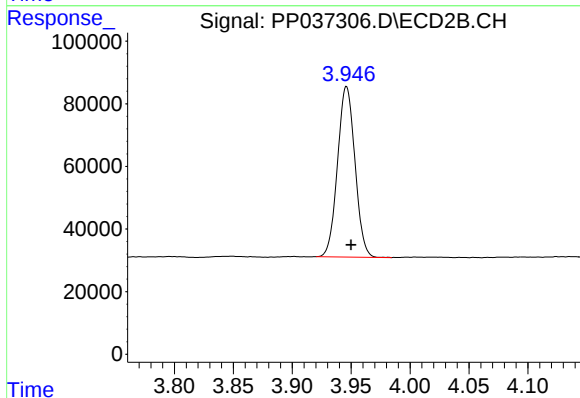




#1 Tetrachloro-m-xylene

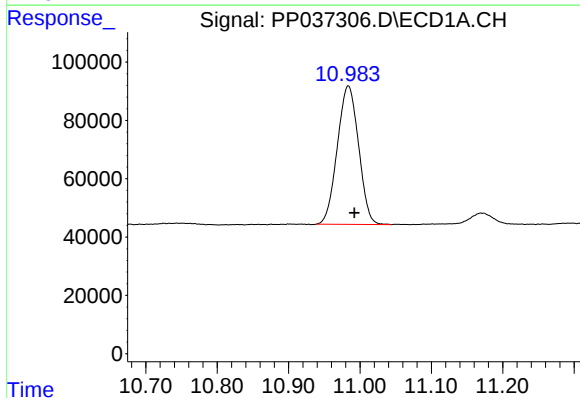
R.T.: 4.955 min  
Delta R.T.: -0.005 min  
Response: 953678  
Conc: 20.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



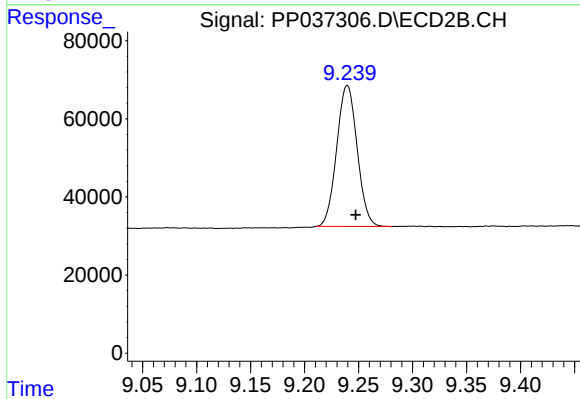
#1 Tetrachloro-m-xylene

R.T.: 3.946 min  
Delta R.T.: -0.004 min  
Response: 560762  
Conc: 20.49 ng/ml



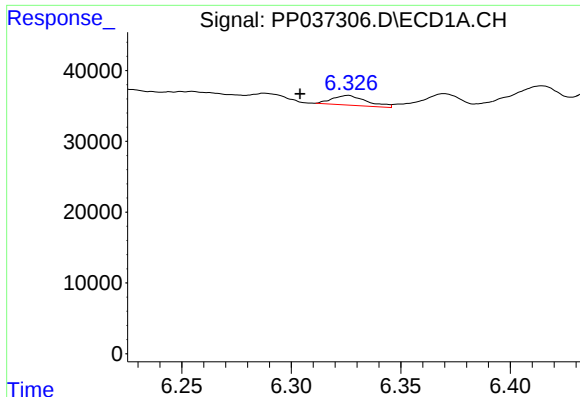
#2 Decachlorobiphenyl

R.T.: 10.984 min  
Delta R.T.: -0.008 min  
Response: 983132  
Conc: 21.36 ng/ml



#2 Decachlorobiphenyl

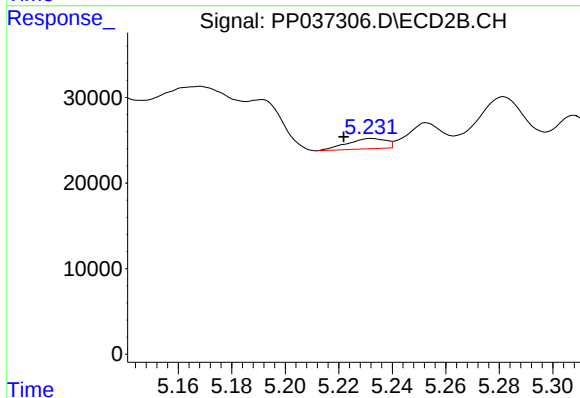
R.T.: 9.240 min  
Delta R.T.: -0.008 min  
Response: 476334  
Conc: 17.11 ng/ml



#4 AR-1016-2

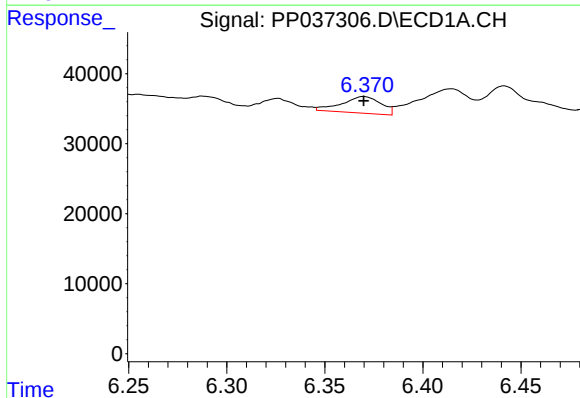
R.T.: 6.326 min  
Delta R.T.: 0.022 min  
Response: 15026  
Conc: 6.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



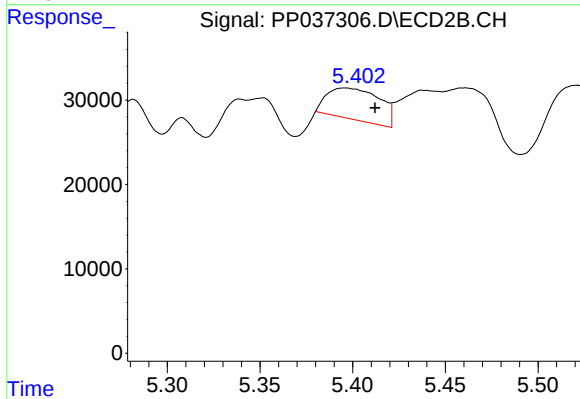
#4 AR-1016-2

R.T.: 5.232 min  
Delta R.T.: 0.010 min  
Response: 12135  
Conc: 8.48 ng/ml



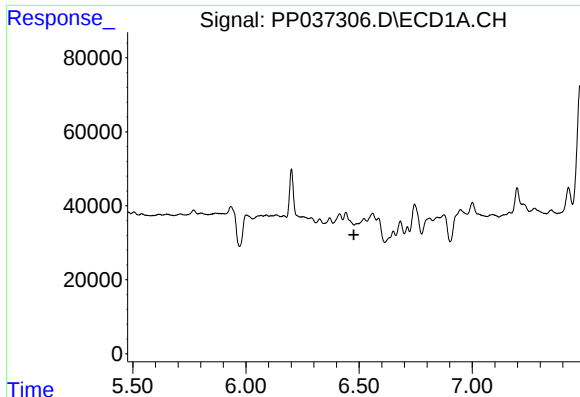
#5 AR-1016-3

R.T.: 6.370 min  
Delta R.T.: 0.000 min  
Response: 32976  
Conc: 20.70 ng/ml



#5 AR-1016-3

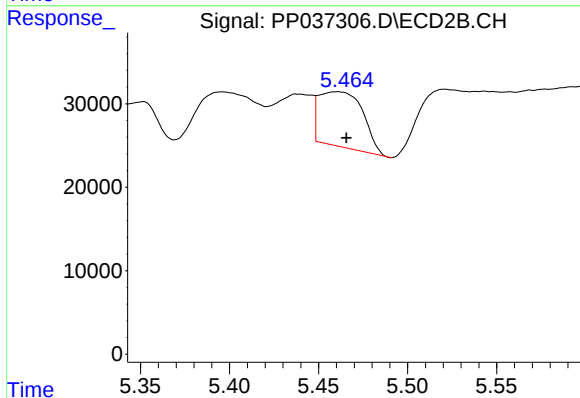
R.T.: 5.396 min  
Delta R.T.: -0.016 min  
Response: 73620  
Conc: 94.23 ng/ml



#6 AR-1016-4

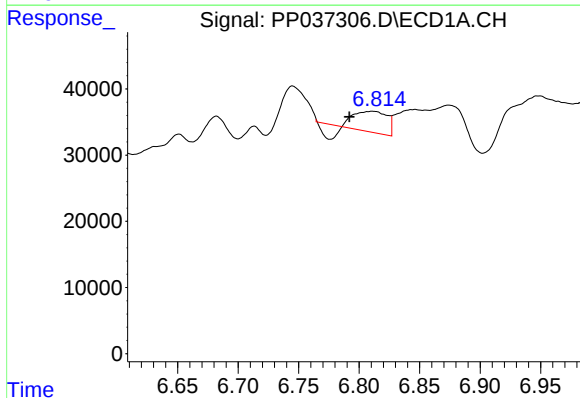
R.T.: 0.000 min  
Exp R.T.: 6.477 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



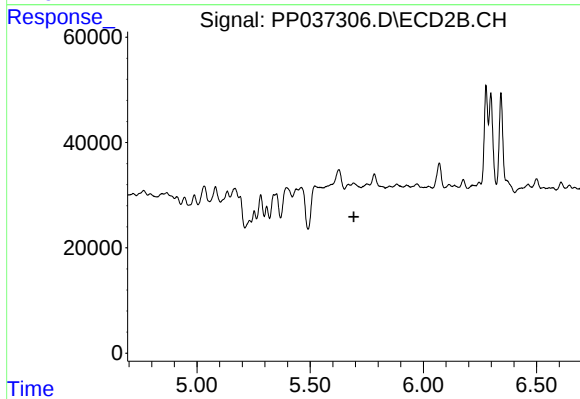
#6 AR-1016-4

R.T.: 5.460 min  
Delta R.T.: -0.005 min  
Response: 113080  
Conc: 187.35 ng/ml



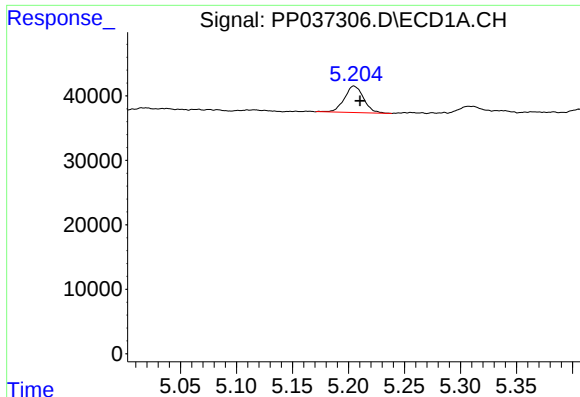
#7 AR-1016-5

R.T.: 6.811 min  
Delta R.T.: 0.020 min  
Response: 47842  
Conc: 37.82 ng/ml



#7 AR-1016-5

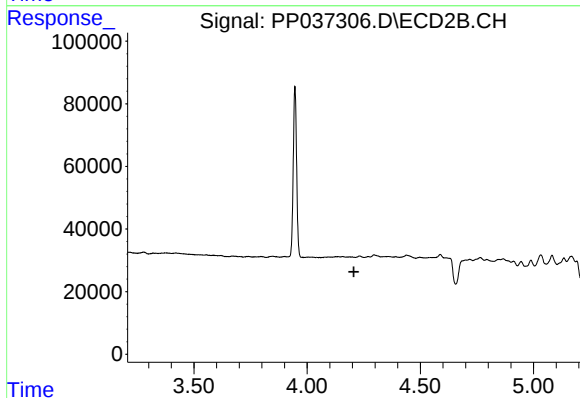
R.T.: 0.000 min  
Exp R.T.: 5.693 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

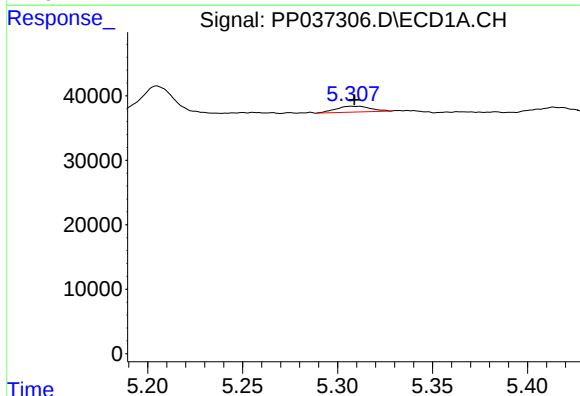
R.T.: 5.205 min  
Delta R.T.: -0.006 min  
Response: 49004  
Conc: 92.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



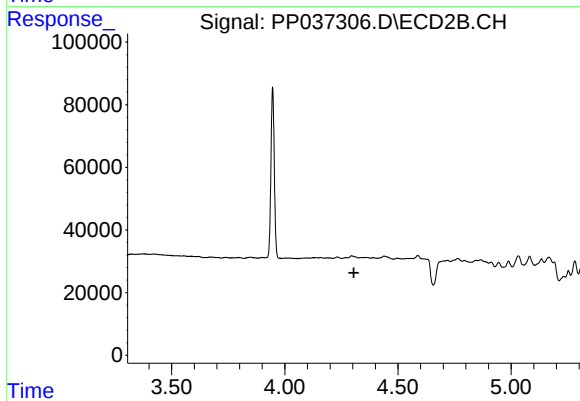
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.207 min  
Response: 0  
Conc: N.D.



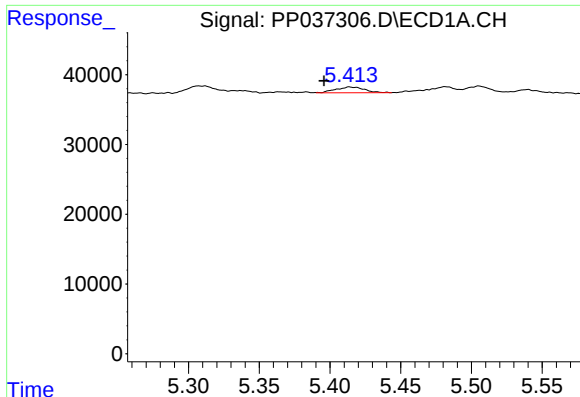
#9 AR-1221-2

R.T.: 5.312 min  
Delta R.T.: 0.003 min  
Response: 11608  
Conc: 28.65 ng/ml



#9 AR-1221-2

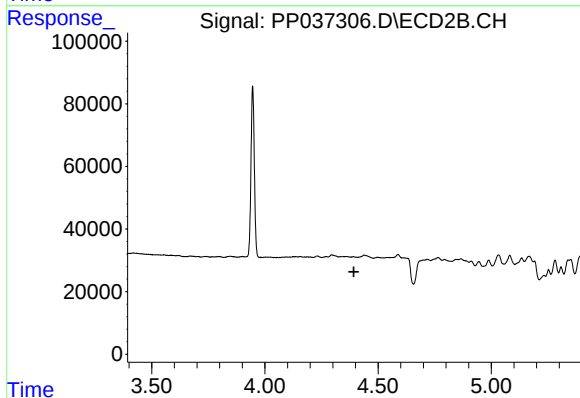
R.T.: 0.000 min  
Exp R.T. : 4.305 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

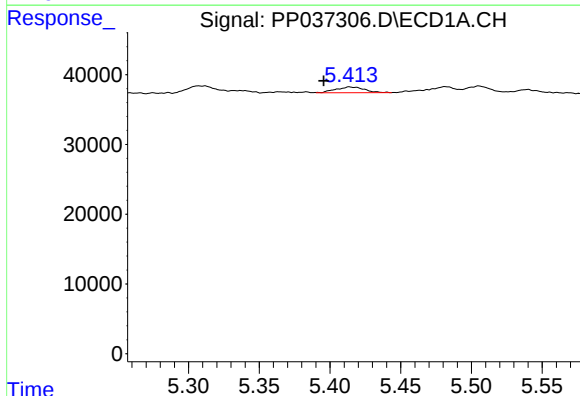
R.T.: 5.414 min  
Delta R.T.: 0.018 min  
Response: 11475  
Conc: 9.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



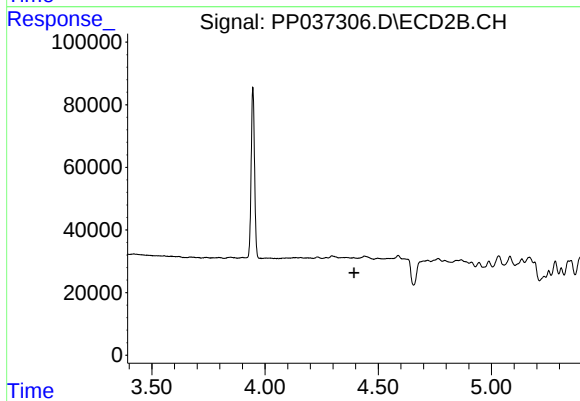
#10 AR-1221-3

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



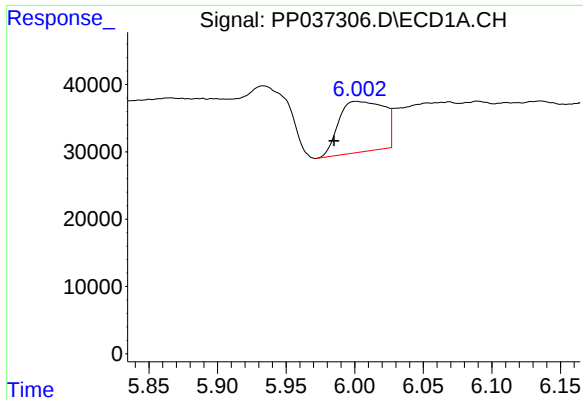
#11 AR-1232-1

R.T.: 5.414 min  
Delta R.T.: 0.018 min  
Response: 11475  
Conc: 10.33 ng/ml



#11 AR-1232-1

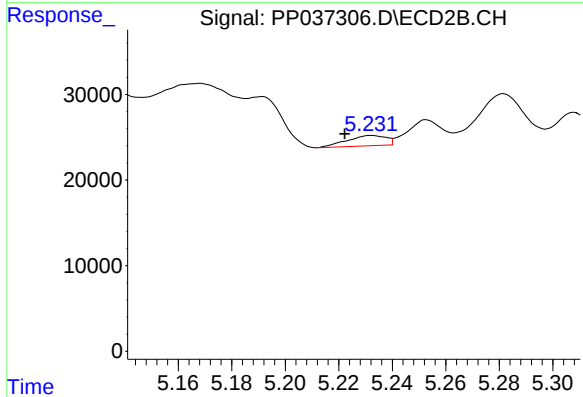
R.T.: 0.000 min  
Exp R.T. : 4.393 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

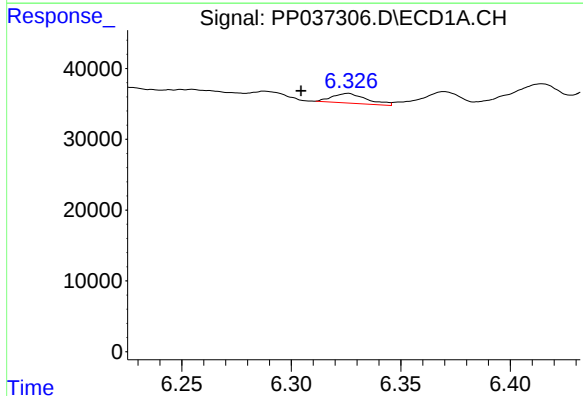
R.T.: 6.001 min  
Delta R.T.: 0.016 min  
Response: 173203  
Conc: 290.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



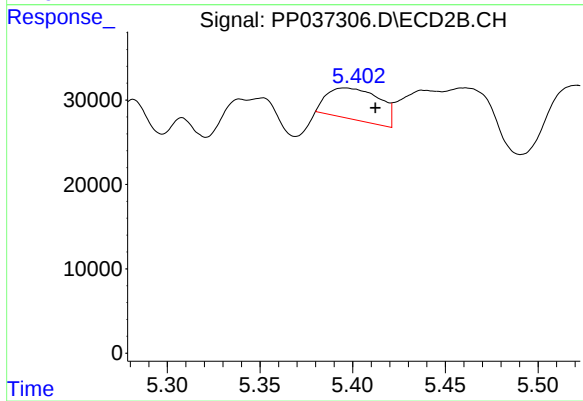
#12 AR-1232-2

R.T.: 5.232 min  
Delta R.T.: 0.010 min  
Response: 12135  
Conc: 19.39 ng/ml



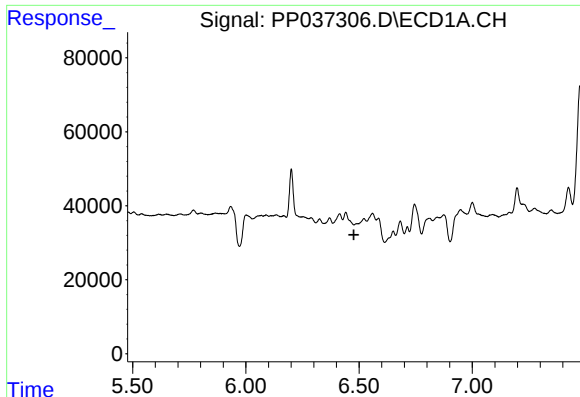
#13 AR-1232-3

R.T.: 6.326 min  
Delta R.T.: 0.021 min  
Response: 15026  
Conc: 13.73 ng/ml



#13 AR-1232-3

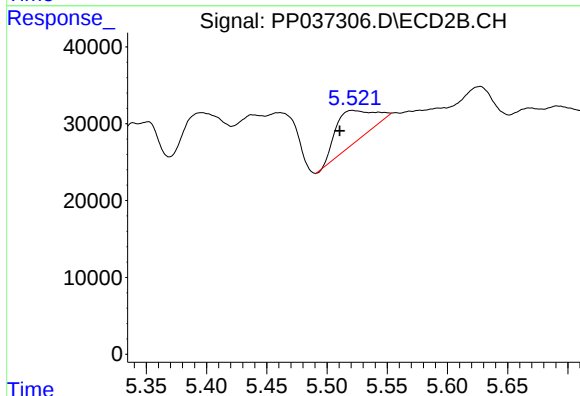
R.T.: 5.396 min  
Delta R.T.: -0.016 min  
Response: 73620  
Conc: 221.74 ng/ml



#14 AR-1232-4

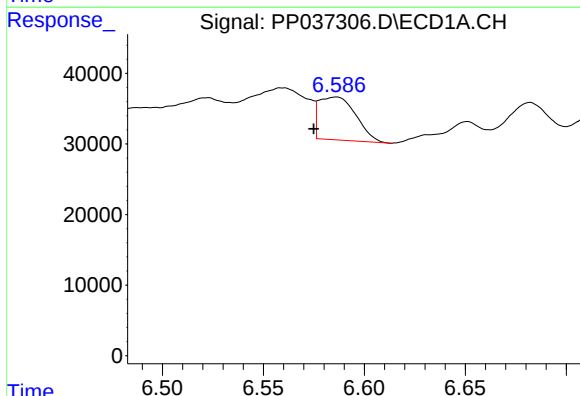
R.T.: 0.000 min  
Exp R.T.: 6.478 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



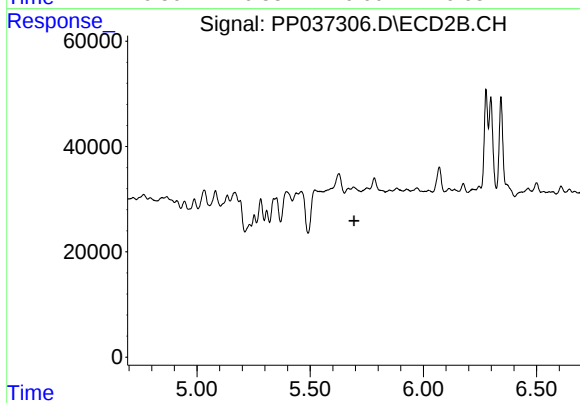
#14 AR-1232-4

R.T.: 5.521 min  
Delta R.T.: 0.011 min  
Response: 89689  
Conc: 325.30 ng/ml



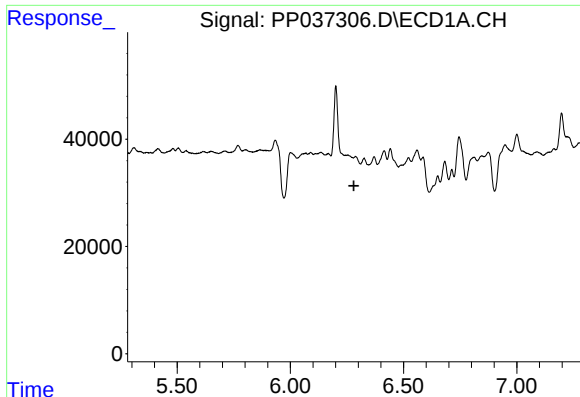
#15 AR-1232-5

R.T.: 6.586 min  
Delta R.T.: 0.011 min  
Response: 77464  
Conc: 201.42 ng/ml



#15 AR-1232-5

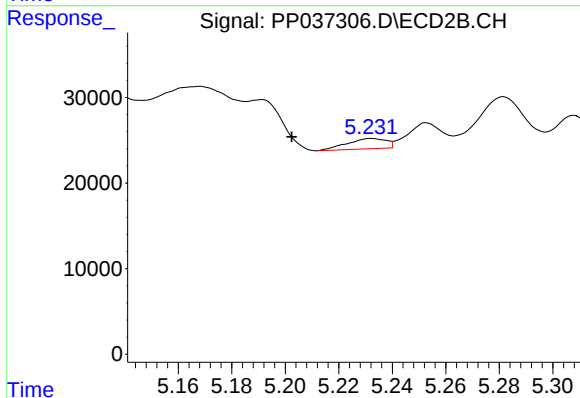
R.T.: 0.000 min  
Exp R.T.: 5.694 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

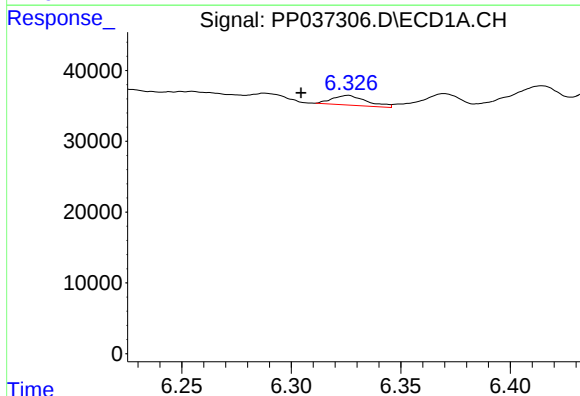
R.T.: 0.000 min  
Exp R.T.: 6.280 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



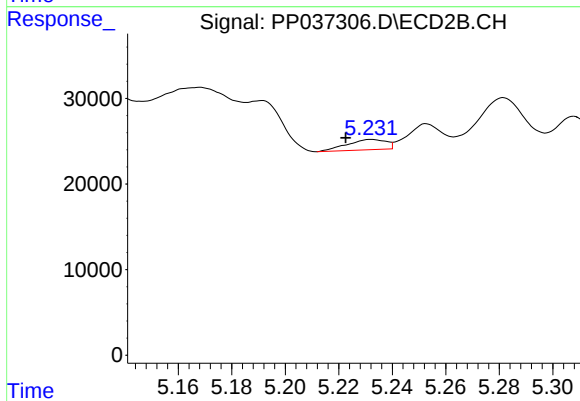
#16 AR-1242-1

R.T.: 5.232 min  
Delta R.T.: 0.030 min  
Response: 12135  
Conc: 16.10 ng/ml



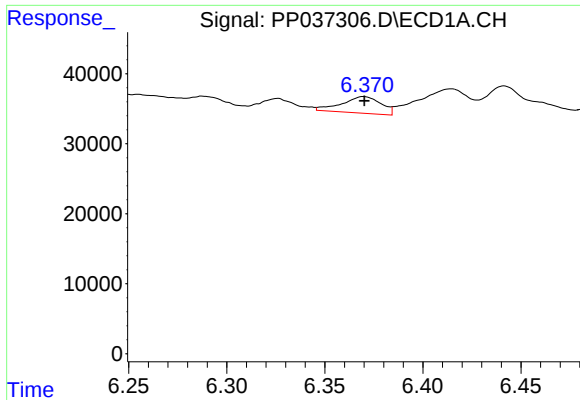
#17 AR-1242-2

R.T.: 6.326 min  
Delta R.T.: 0.021 min  
Response: 15026  
Conc: 8.29 ng/ml



#17 AR-1242-2

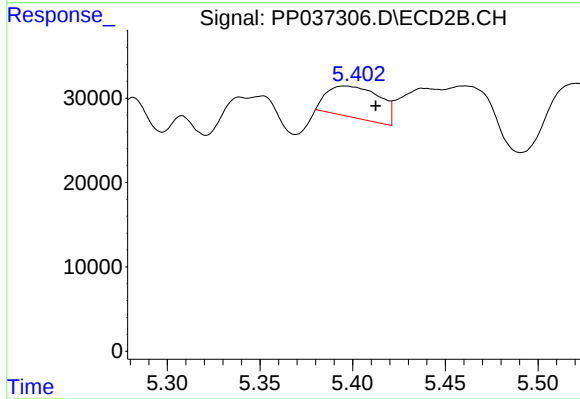
R.T.: 5.232 min  
Delta R.T.: 0.010 min  
Response: 12135  
Conc: 11.79 ng/ml



#18 AR-1242-3

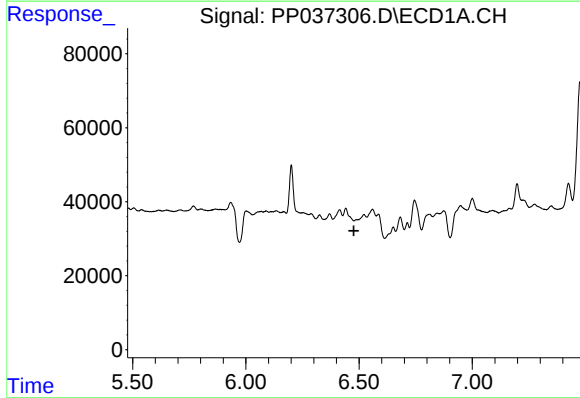
R.T.: 6.370 min  
Delta R.T.: 0.000 min  
Response: 32976  
Conc: 28.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



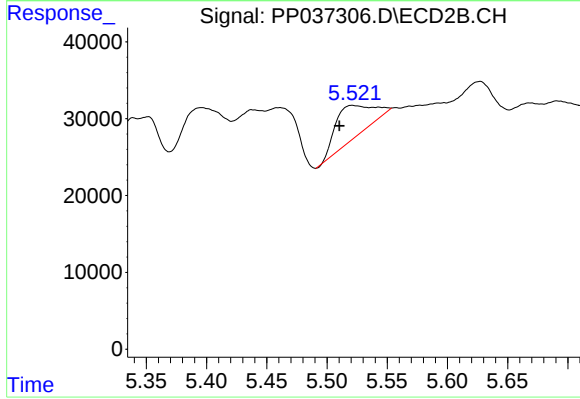
#18 AR-1242-3

R.T.: 5.396 min  
Delta R.T.: -0.017 min  
Response: 73620  
Conc: 129.29 ng/ml



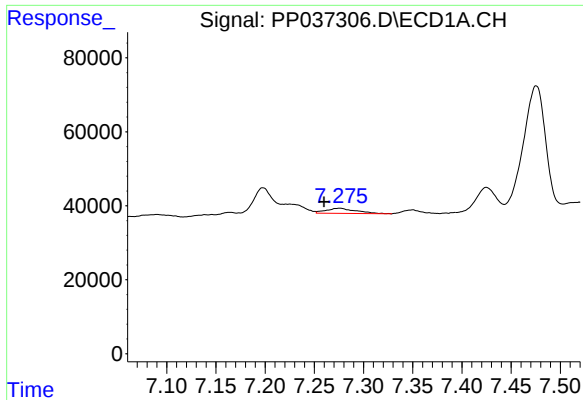
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.478 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

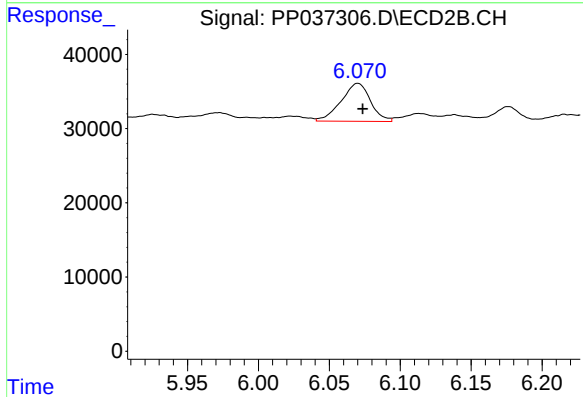
R.T.: 5.521 min  
Delta R.T.: 0.011 min  
Response: 89689  
Conc: 174.03 ng/ml



#20 AR-1242-5

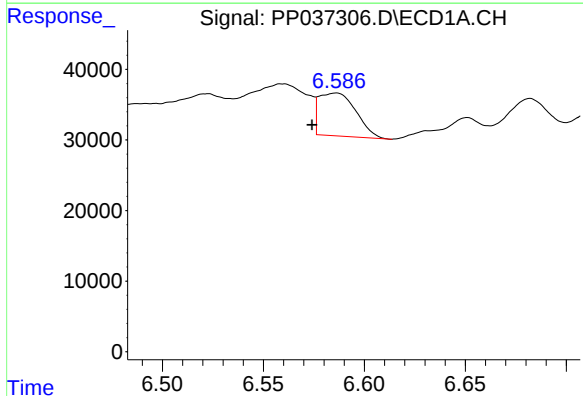
R.T.: 7.276 min  
Delta R.T.: 0.016 min  
Response: 29581  
Conc: 28.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



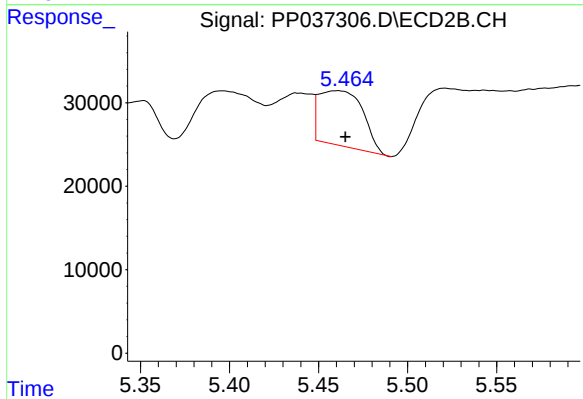
#20 AR-1242-5

R.T.: 6.070 min  
Delta R.T.: -0.003 min  
Response: 73873  
Conc: 108.53 ng/ml



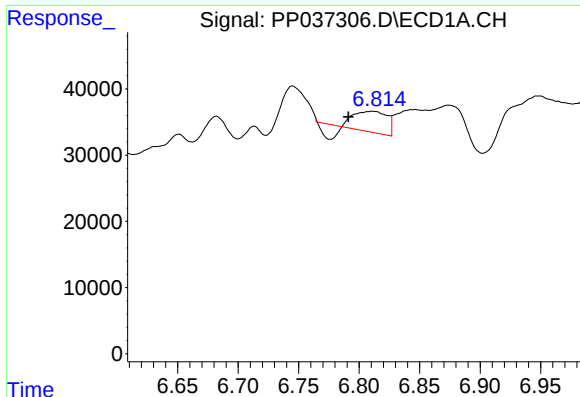
#22 AR-1248-2

R.T.: 6.586 min  
Delta R.T.: 0.012 min  
Response: 77464  
Conc: 52.18 ng/ml



#22 AR-1248-2

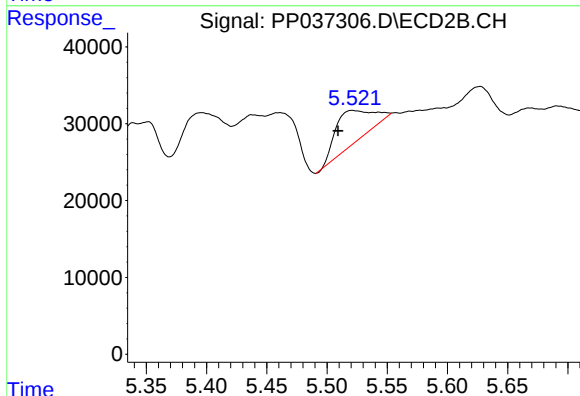
R.T.: 5.460 min  
Delta R.T.: -0.005 min  
Response: 113080  
Conc: 137.86 ng/ml



#23 AR-1248-3

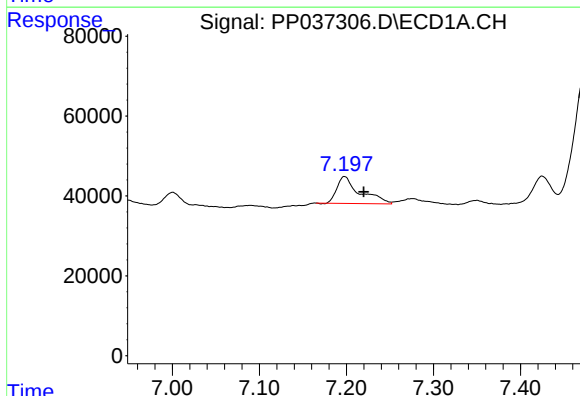
R.T.: 6.811 min  
Delta R.T.: 0.020 min  
Response: 47842  
Conc: 28.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



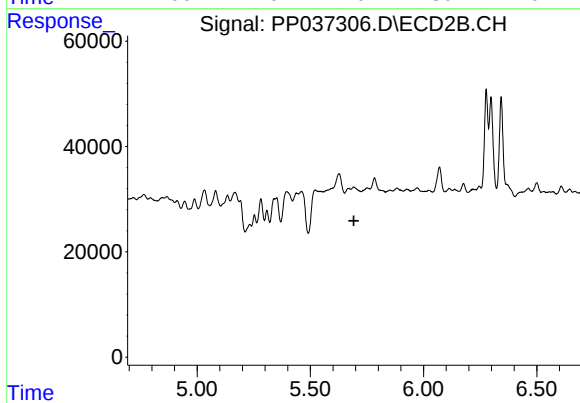
#23 AR-1248-3

R.T.: 5.521 min  
Delta R.T.: 0.012 min  
Response: 89689  
Conc: 104.81 ng/ml



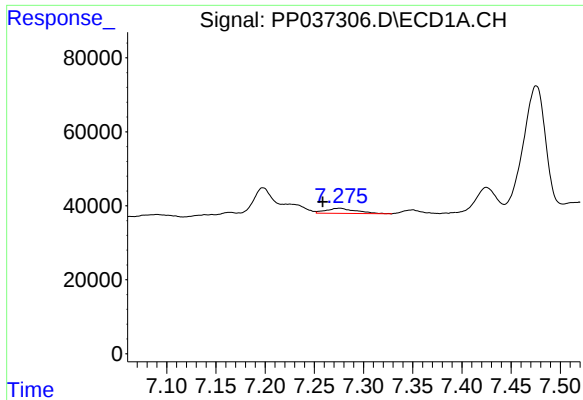
#24 AR-1248-4

R.T.: 7.198 min  
Delta R.T.: -0.022 min  
Response: 122762  
Conc: 64.95 ng/ml



#24 AR-1248-4

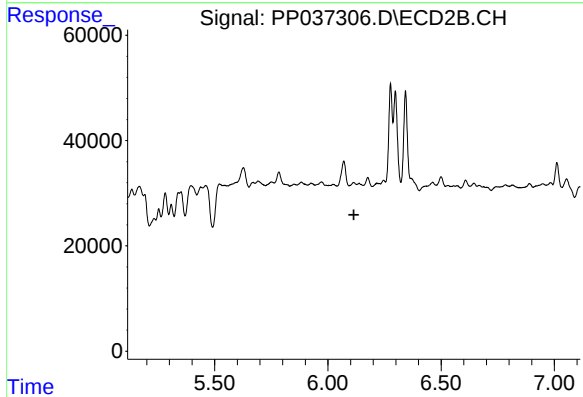
R.T.: 0.000 min  
Exp R.T.: 5.692 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

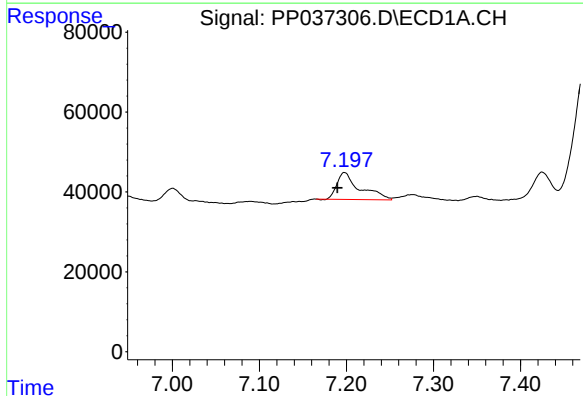
R.T.: 7.276 min  
Delta R.T.: 0.017 min  
Response: 29581  
Conc: 15.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



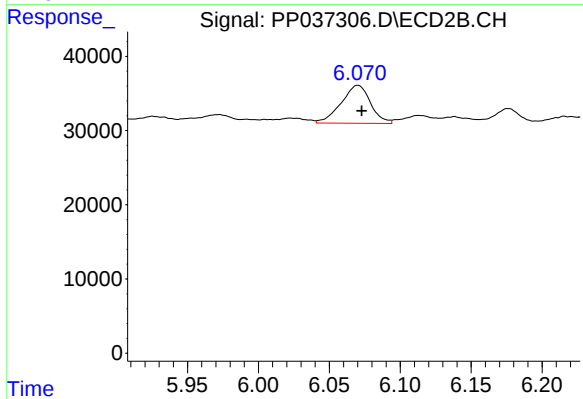
#25 AR-1248-5

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



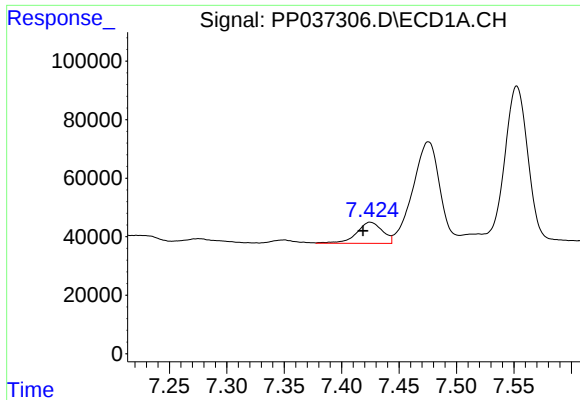
#26 AR-1254-1

R.T.: 7.198 min  
Delta R.T.: 0.008 min  
Response: 122762  
Conc: 68.33 ng/ml



#26 AR-1254-1

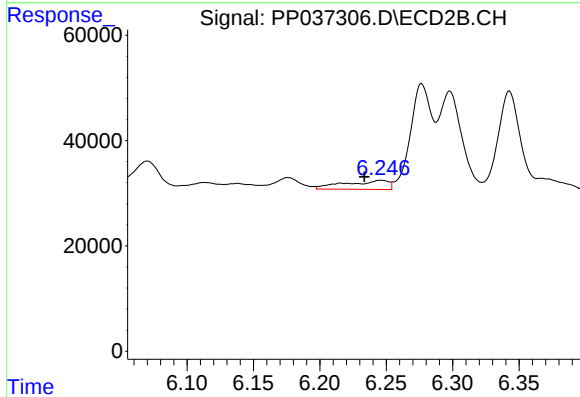
R.T.: 6.070 min  
Delta R.T.: -0.003 min  
Response: 73873  
Conc: 49.76 ng/ml



#27 AR-1254-2

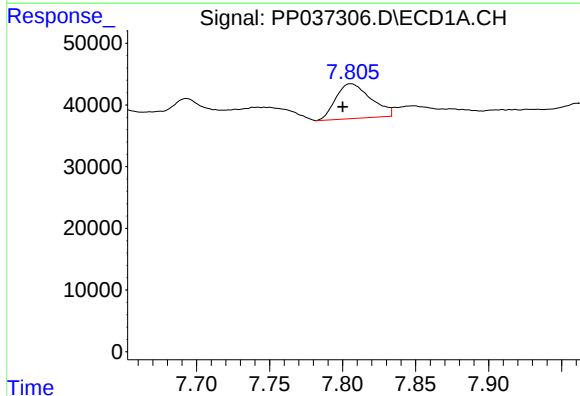
R.T.: 7.425 min  
Delta R.T.: 0.006 min  
Response: 113121  
Conc: 40.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



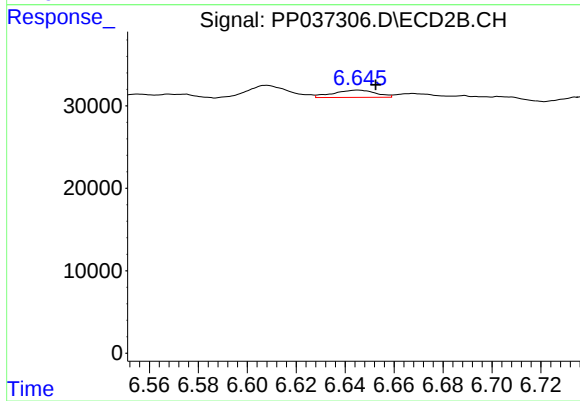
#27 AR-1254-2

R.T.: 6.246 min  
Delta R.T.: 0.013 min  
Response: 38981  
Conc: 30.01 ng/ml



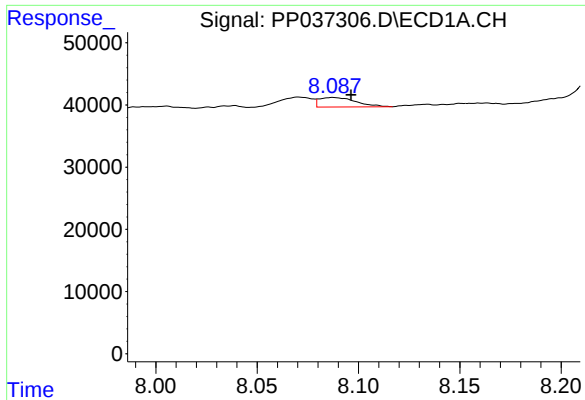
#28 AR-1254-3

R.T.: 7.806 min  
Delta R.T.: 0.006 min  
Response: 94560  
Conc: 30.67 ng/ml



#28 AR-1254-3

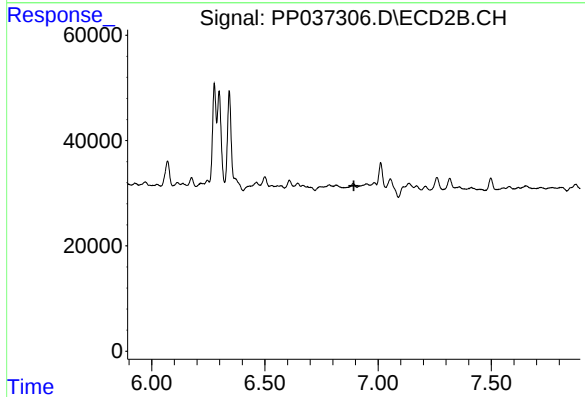
R.T.: 6.645 min  
Delta R.T.: -0.007 min  
Response: 10579  
Conc: 4.96 ng/ml



#29 AR-1254-4

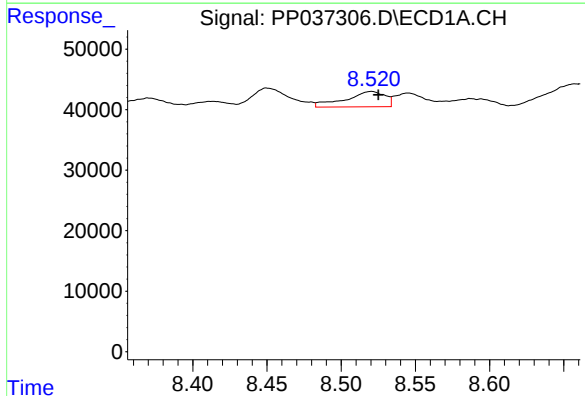
R.T.: 8.087 min  
Delta R.T.: -0.009 min  
Response: 19099  
Conc: 8.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



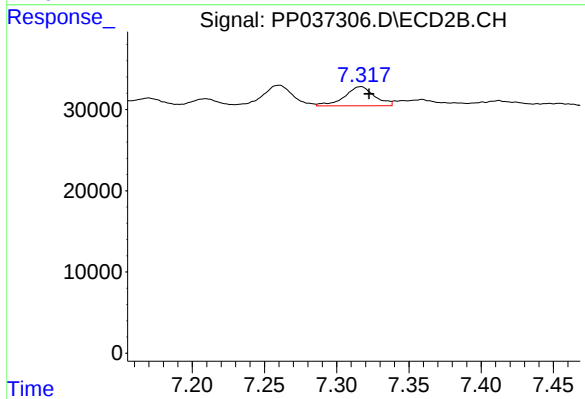
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.893 min  
Response: 0  
Conc: N.D.



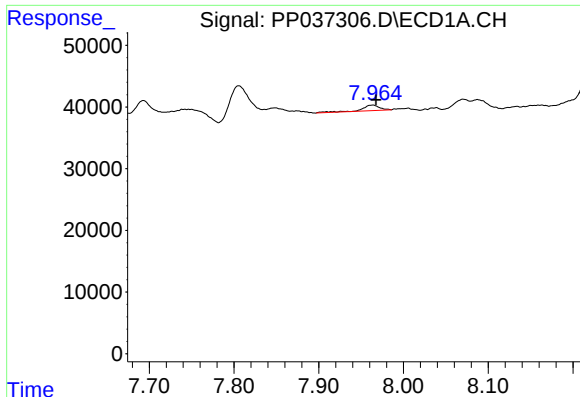
#30 AR-1254-5

R.T.: 8.520 min  
Delta R.T.: -0.005 min  
Response: 47209  
Conc: 18.87 ng/ml



#30 AR-1254-5

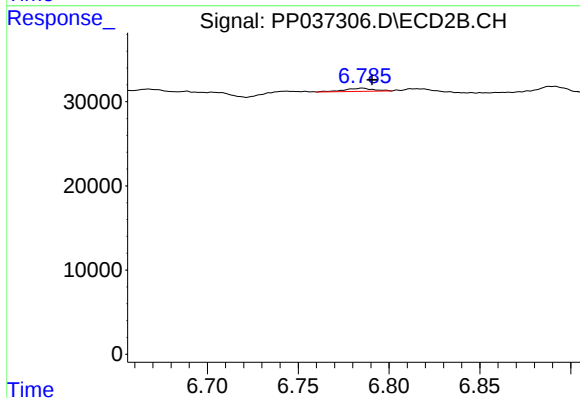
R.T.: 7.317 min  
Delta R.T.: -0.006 min  
Response: 33891  
Conc: 18.08 ng/ml



#31 AR-1260-1

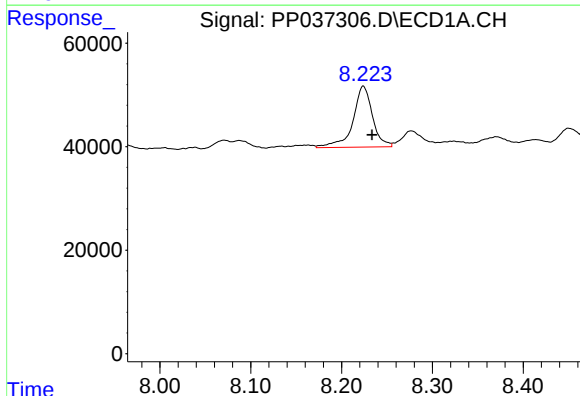
R.T.: 7.963 min  
Delta R.T.: -0.004 min  
Response: 13246  
Conc: 6.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



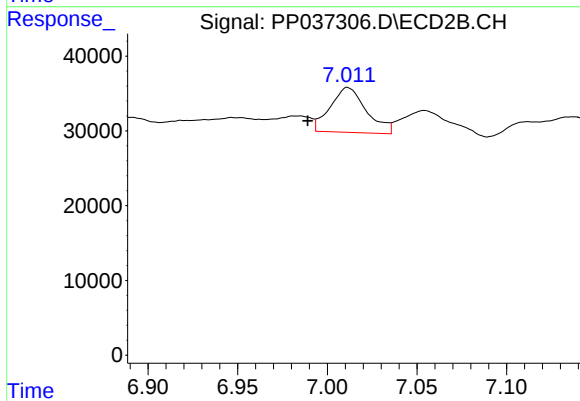
#31 AR-1260-1

R.T.: 6.785 min  
Delta R.T.: -0.005 min  
Response: 3934  
Conc: 2.85 ng/ml



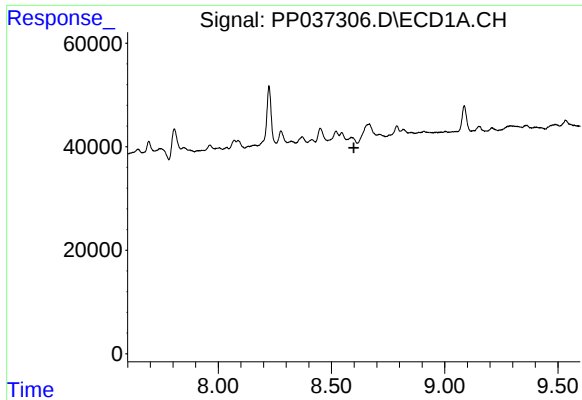
#32 AR-1260-2

R.T.: 8.224 min  
Delta R.T.: -0.010 min  
Response: 176062  
Conc: 63.29 ng/ml



#32 AR-1260-2

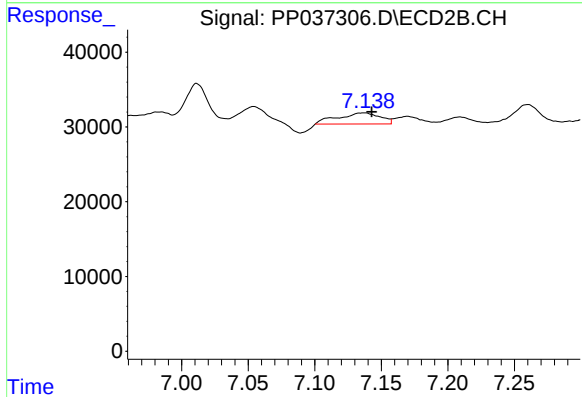
R.T.: 7.011 min  
Delta R.T.: 0.022 min  
Response: 84305  
Conc: 50.18 ng/ml



#33 AR-1260-3

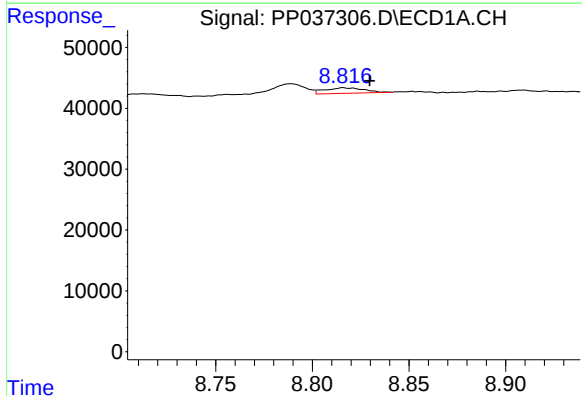
R.T.: 0.000 min  
Exp R.T.: 8.599 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



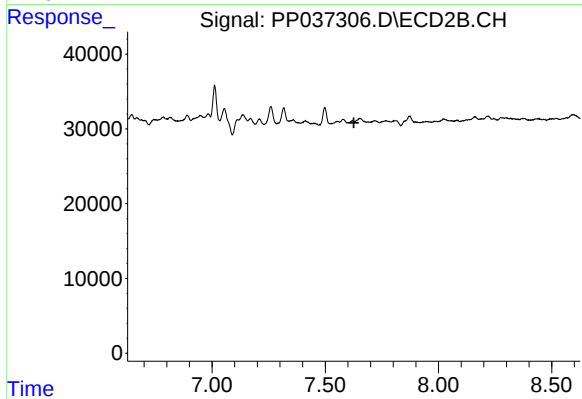
#33 AR-1260-3

R.T.: 7.137 min  
Delta R.T.: -0.006 min  
Response: 32976  
Conc: 19.25 ng/ml



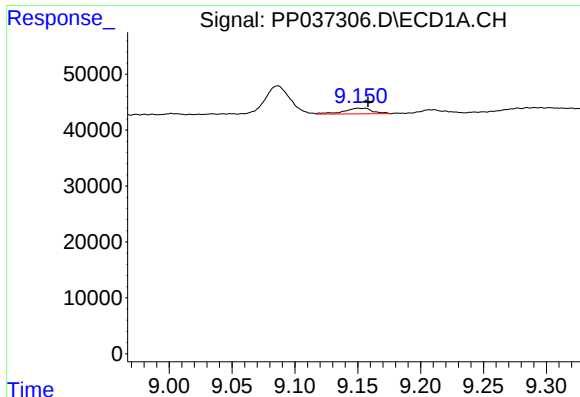
#34 AR-1260-4

R.T.: 8.816 min  
Delta R.T.: -0.014 min  
Response: 12691  
Conc: 5.16 ng/ml



#34 AR-1260-4

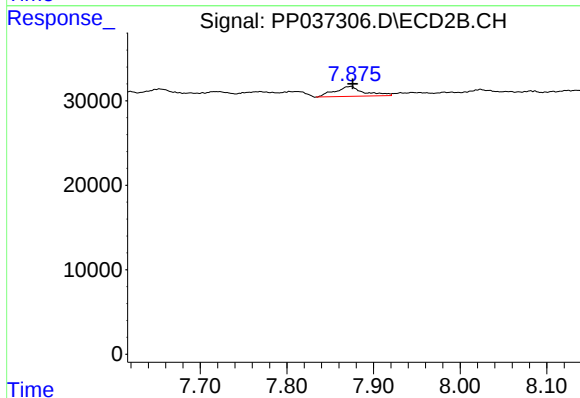
R.T.: 0.000 min  
Exp R.T.: 7.627 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

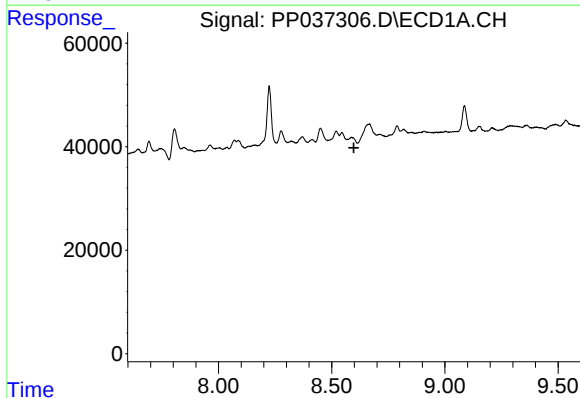
R.T.: 9.151 min  
Delta R.T.: -0.008 min  
Response: 16032  
Conc: 3.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



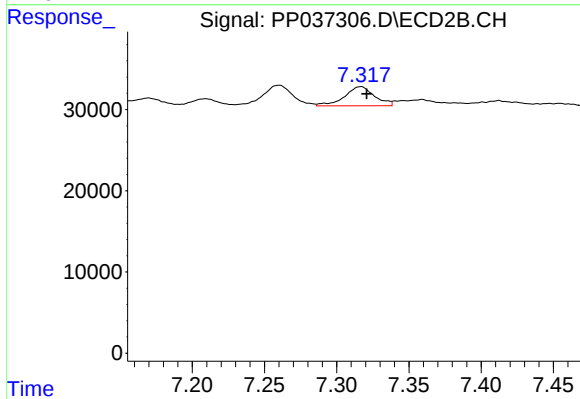
#35 AR-1260-5

R.T.: 7.874 min  
Delta R.T.: -0.002 min  
Response: 27419  
Conc: 8.50 ng/ml



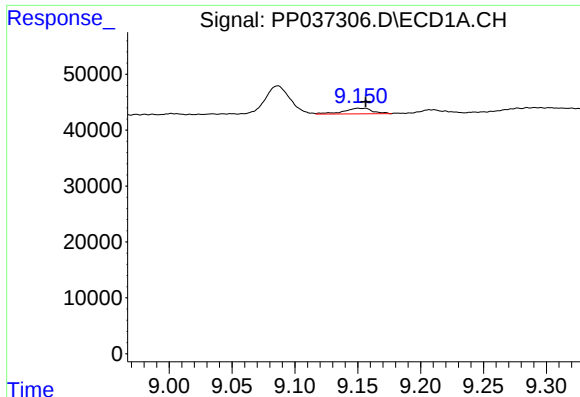
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 8.598 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

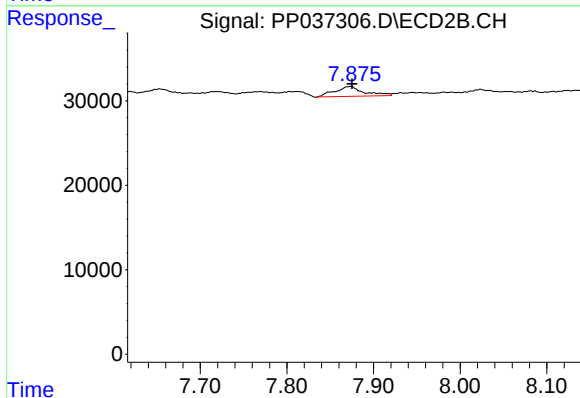
R.T.: 7.317 min  
Delta R.T.: -0.004 min  
Response: 33891  
Conc: 32.64 ng/ml



#37 AR-1262-2

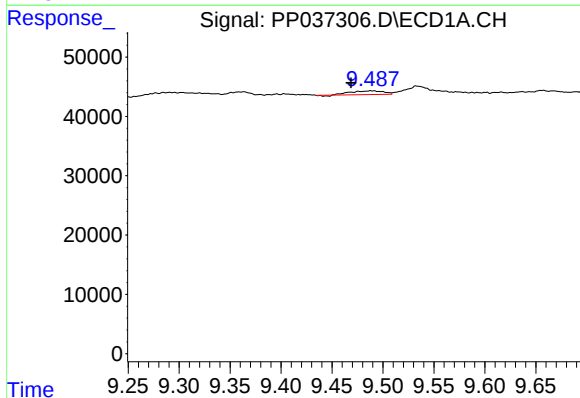
R.T.: 9.151 min  
Delta R.T.: -0.006 min  
Response: 16032  
Conc: 3.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



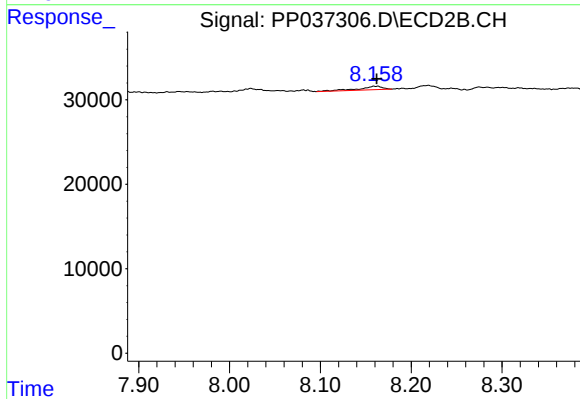
#37 AR-1262-2

R.T.: 7.874 min  
Delta R.T.: -0.001 min  
Response: 27419  
Conc: 7.88 ng/ml



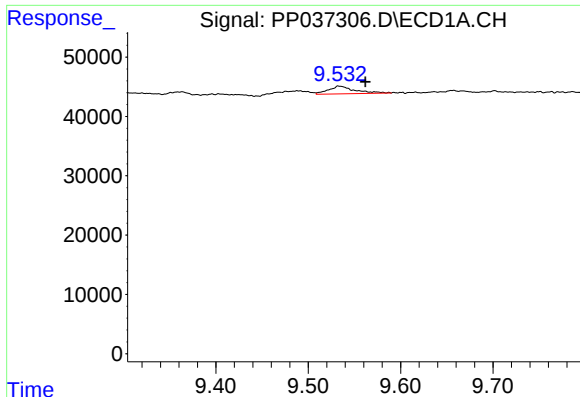
#38 AR-1262-3

R.T.: 9.489 min  
Delta R.T.: 0.020 min  
Response: 13883  
Conc: 3.62 ng/ml



#38 AR-1262-3

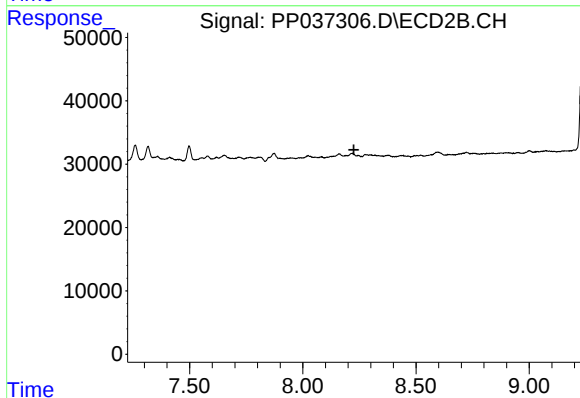
R.T.: 8.160 min  
Delta R.T.: -0.002 min  
Response: 7578  
Conc: 5.38 ng/ml



#39 AR-1262-4

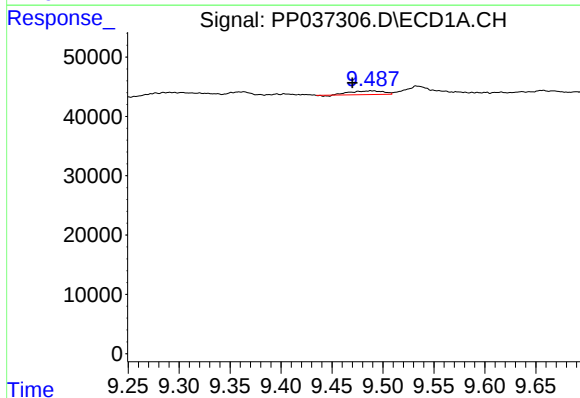
R.T.: 9.533 min  
Delta R.T.: -0.029 min  
Response: 25906  
Conc: 8.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



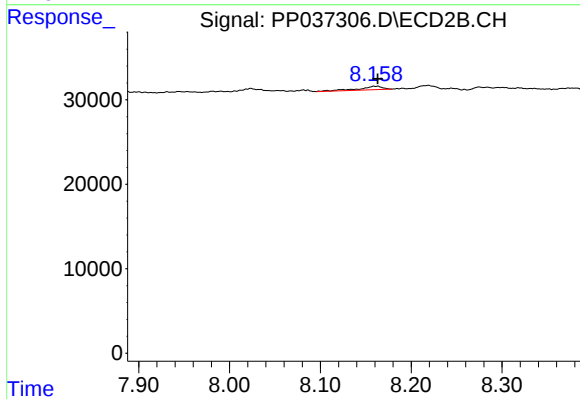
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.225 min  
Response: 0  
Conc: N.D.



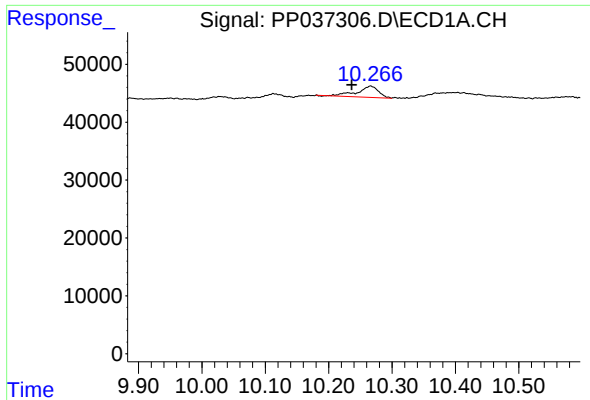
#41 AR-1268-1

R.T.: 9.489 min  
Delta R.T.: 0.018 min  
Response: 13883  
Conc: 2.29 ng/ml



#41 AR-1268-1

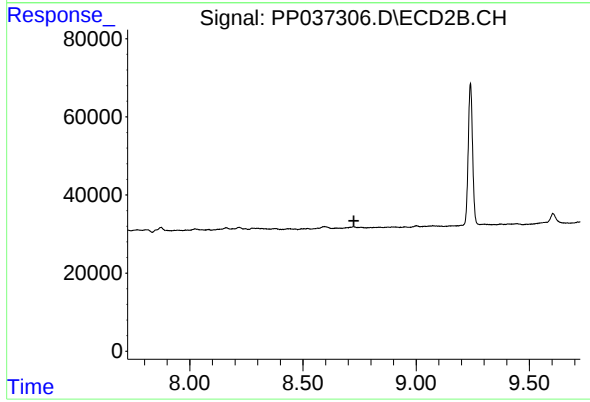
R.T.: 8.160 min  
Delta R.T.: -0.004 min  
Response: 7578  
Conc: 1.90 ng/ml



#44 AR-1268-4

R.T.: 10.266 min  
Delta R.T.: 0.030 min  
Response: 45269  
Conc: 19.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 8.725 min  
Response: 0  
Conc: N.D.