

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031521\  
 Data File : PP034015.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 15 Mar 2021 17:28  
 Operator : DD\AJ  
 Sample : M1662-08 5X  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 16 07:46:59 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP030921.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Mar 12 12:21:17 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... | 4.854  | 4.265  | 456830 | 230797 | 5.280  | 5.681     |
| 2)                          | SA Decachlor... | 10.781 | 9.587  | 479664 | 151869 | 5.680  | 5.691     |
| Target Compounds            |                 |        |        |        |        |        |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.550f | 0      | 18902  | N.D.   | 16.607 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.550  | 0      | 18902  | N.D.   | 11.434 #  |
| 5)                          | L1 AR-1016-3    | 6.255  | 0.000  | 29122  | 0      | 11.769 | N.D. #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.802  | 0      | 30864  | N.D.   | 42.742 #  |
| 7)                          | L1 AR-1016-5    | 6.672  | 0.000  | 26635  | 0      | 13.140 | N.D. #    |
| 8)                          | L2 AR-1221-1    | 5.104  | 0.000  | 52420  | 0      | 56.806 | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.860f | 5.550  | 50153  | 18902  | 54.762 | 26.082 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.856f | 0      | 23989  | N.D.   | 71.926 #  |
| 15)                         | L3 AR-1232-5    | 6.459  | 0.000  | 23330  | 0      | 39.326 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.550f | 0      | 18902  | N.D.   | 21.406 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.550  | 0      | 18902  | N.D.   | 15.070 #  |
| 18)                         | L4 AR-1242-3    | 6.255  | 0.000  | 29122  | 0      | 15.242 | N.D. #    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.856f | 0      | 23989  | N.D.   | 35.038 #  |
| 20)                         | L4 AR-1242-5    | 7.145  | 6.397  | 44894  | 81940  | 27.967 | 102.504 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.550f | 0      | 18902  | N.D.   | 27.768 #  |
| 22)                         | L5 AR-1248-2    | 6.459  | 5.802  | 23330  | 30864  | 10.960 | 32.895 #  |
| 23)                         | L5 AR-1248-3    | 6.672  | 5.856f | 26635  | 23989  | 10.333 | 23.824 #  |
| 24)                         | L5 AR-1248-4    | 7.080f | 0.000  | 212995 | 0      | 76.988 | N.D. #    |
| 25)                         | L5 AR-1248-5    | 7.145  | 6.431  | 44894  | 21472  | 16.461 | 19.935    |
| 26)                         | L6 AR-1254-1    | 7.080  | 6.397  | 212995 | 81940  | 72.911 | 50.260 #  |
| 27)                         | L6 AR-1254-2    | 7.306  | 6.549  | 150933 | 26355  | 33.193 | 18.453 #  |
| 28)                         | L6 AR-1254-3    | 7.684  | 6.971  | 207560 | 45094  | 41.980 | 19.702 #  |
| 29)                         | L6 AR-1254-4    | 7.975  | 7.206  | 57506  | 15065  | 16.765 | 11.852 #  |
| 30)                         | L6 AR-1254-5    | 8.407  | 7.633  | 104704 | 73937  | 26.601 | 39.255 #  |
| 31)                         | L7 AR-1260-1    | 7.848  | 7.106  | 44965  | 34711  | 13.094 | 22.712 #  |
| 32)                         | L7 AR-1260-2    | 8.110  | 7.299  | 356691 | 32586  | 86.634 | 18.016 #  |
| 33)                         | L7 AR-1260-3    | 8.479  | 7.455  | 14441  | 24259  | 4.462  | 14.324 #  |
| 34)                         | L7 AR-1260-4    | 8.701  | 7.934  | 63881  | 12636  | 17.246 | 8.592 #   |
| 35)                         | L7 AR-1260-5    | 9.026  | 8.180  | 50545  | 29078  | 6.534  | 8.944 #   |
| 36)                         | L8 AR-1262-1    | 8.479  | 7.633  | 14441  | 73937  | 3.035  | 69.554 #  |
| 37)                         | L8 AR-1262-2    | 9.026  | 8.180  | 50545  | 29078  | 5.848  | 8.727 #   |
| 38)                         | L8 AR-1262-3    | 9.351f | 8.470  | 28474  | 11273  | 4.692  | 7.893 #   |
| 39)                         | L8 AR-1262-4    | 9.417  | 8.527  | 33038  | 25064  | 6.665  | 9.941 #   |
| 41)                         | L9 AR-1268-1    | 9.351f | 8.470  | 28474  | 11273  | 2.735  | 2.947     |
| 42)                         | L9 AR-1268-2    | 9.417  | 8.527  | 33038  | 25064  | 3.269  | 7.015 #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.747  | 0      | 15802  | N.D.   | 5.087 #   |
| -----                       |                 |        |        |        |        |        |           |

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

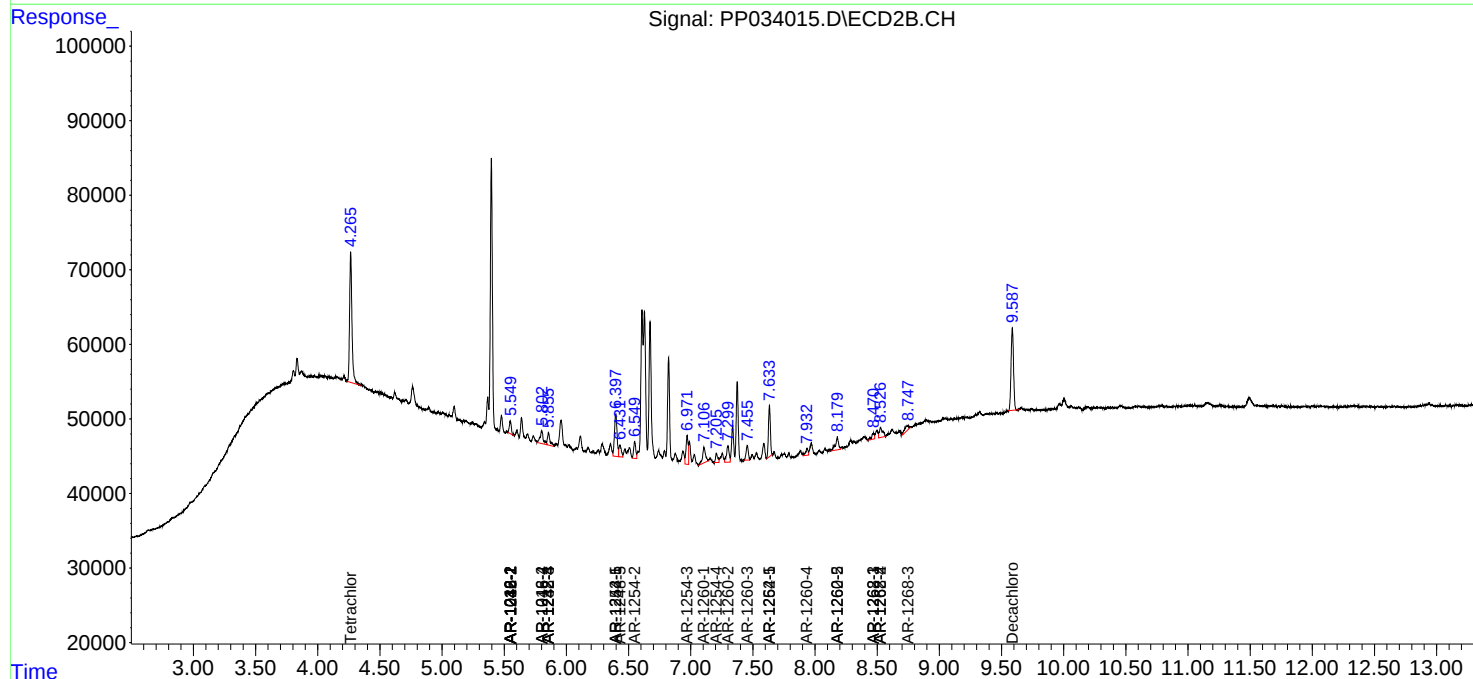
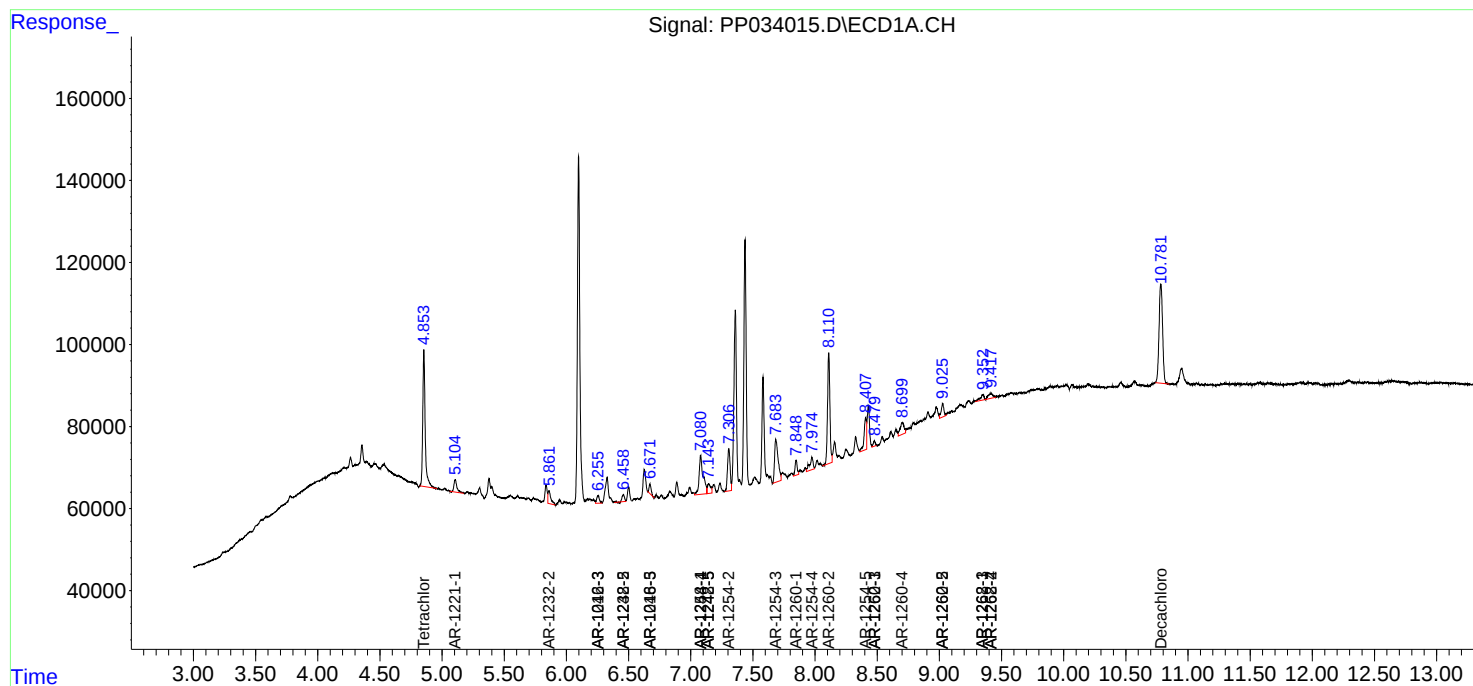
Instrument :  
ECD\_P  
ClientSampleId :

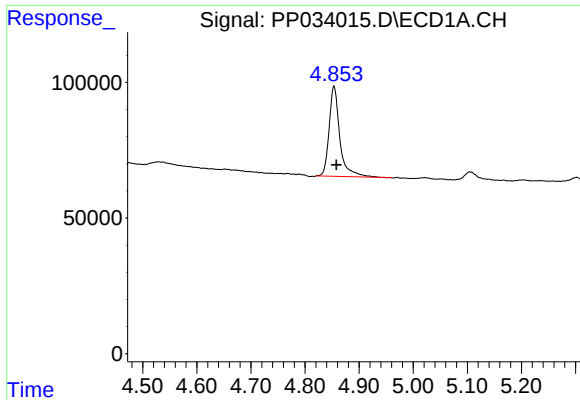
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031521\  
Data File : PP034015.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 15 Mar 2021 17:28  
Operator : DD\AJ  
Sample : M1662-08 5X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 16 07:46:59 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP030921.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Mar 12 12:21:17 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

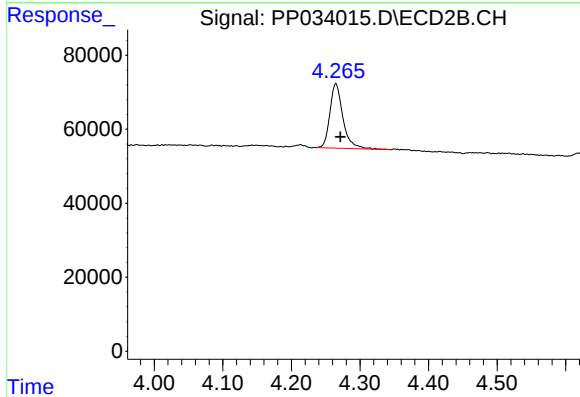




#1 Tetrachloro-m-xylene

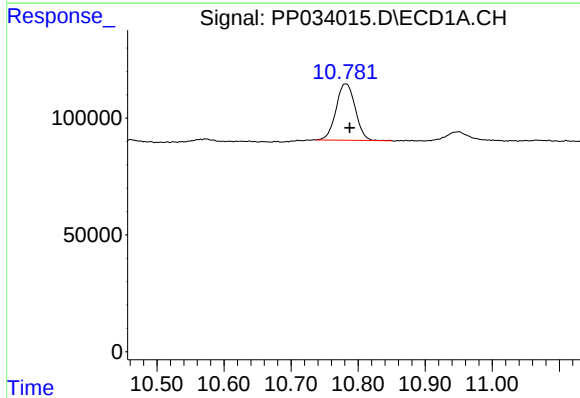
R.T.: 4.854 min  
Delta R.T.: -0.004 min  
Response: 456830  
Conc: 5.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



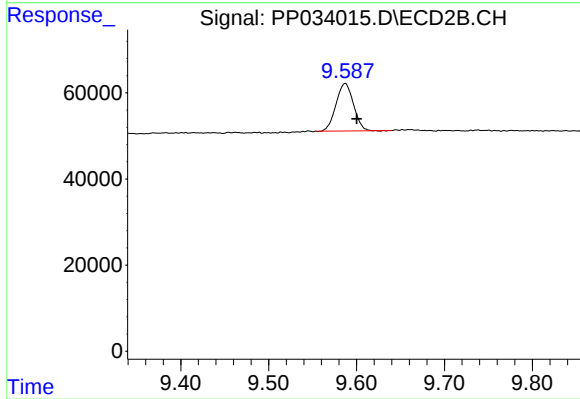
#1 Tetrachloro-m-xylene

R.T.: 4.265 min  
Delta R.T.: -0.006 min  
Response: 230797  
Conc: 5.68 ng/ml



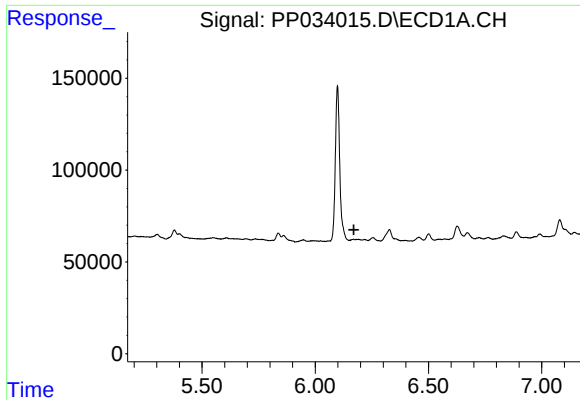
#2 Decachlorobiphenyl

R.T.: 10.781 min  
Delta R.T.: -0.006 min  
Response: 479664  
Conc: 5.68 ng/ml



#2 Decachlorobiphenyl

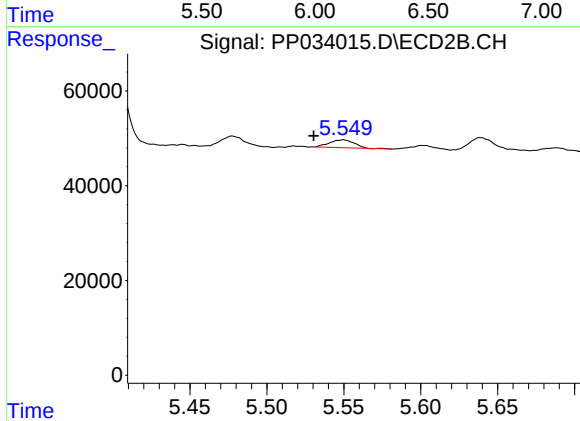
R.T.: 9.587 min  
Delta R.T.: -0.013 min  
Response: 151869  
Conc: 5.69 ng/ml



#3 AR-1016-1

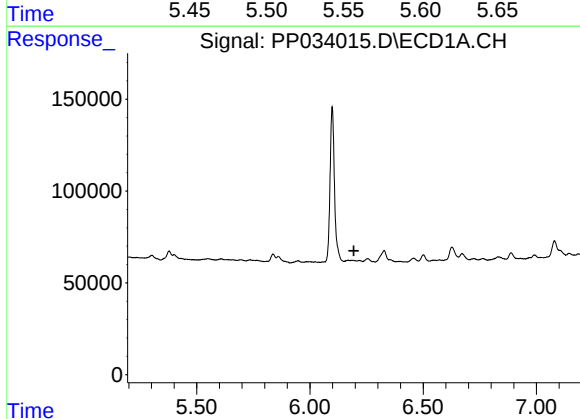
R.T.: 0.000 min  
Exp R.T. : 6.171 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



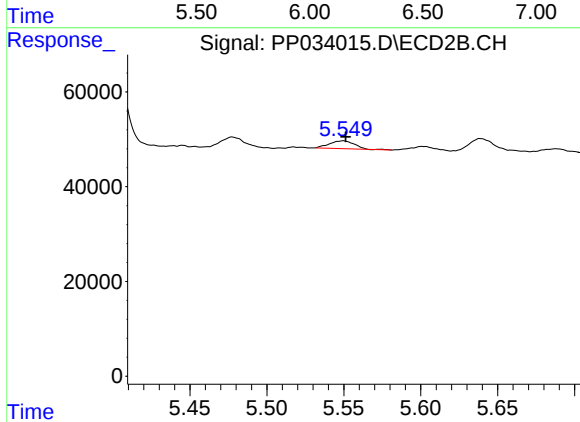
#3 AR-1016-1

R.T.: 5.550 min  
Delta R.T.: 0.019 min  
Response: 18902  
Conc: 16.61 ng/ml



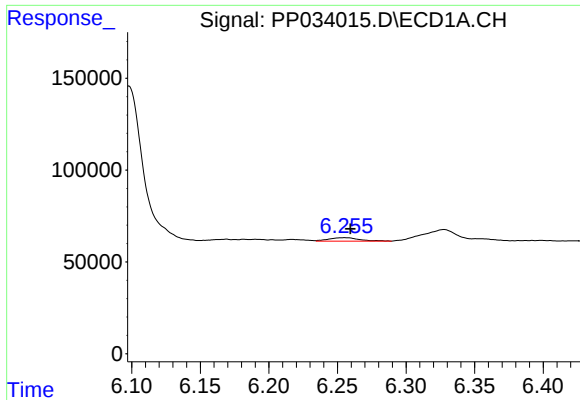
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 6.194 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

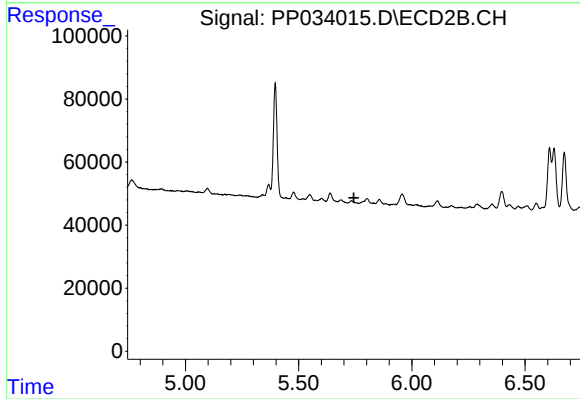
R.T.: 5.550 min  
Delta R.T.: -0.002 min  
Response: 18902  
Conc: 11.43 ng/ml



#5 AR-1016-3

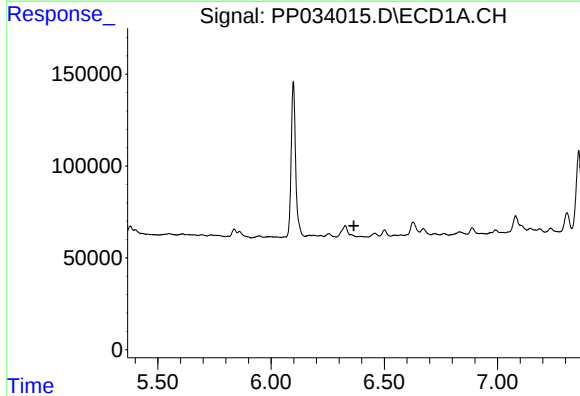
R.T.: 6.255 min  
Delta R.T.: -0.005 min  
Response: 29122  
Conc: 11.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



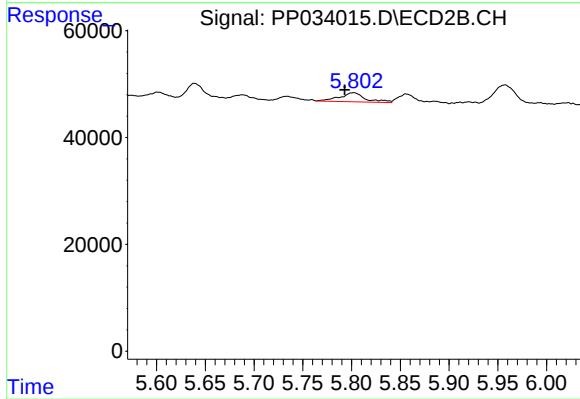
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.744 min  
Response: 0  
Conc: N.D.



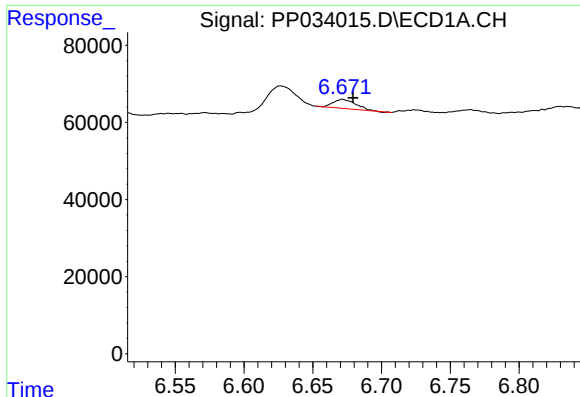
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 6.366 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

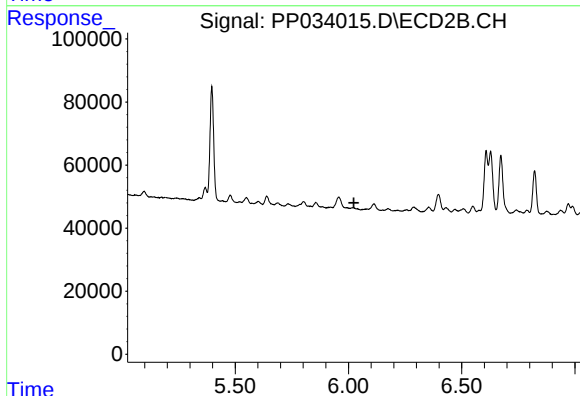
R.T.: 5.802 min  
Delta R.T.: 0.009 min  
Response: 30864  
Conc: 42.74 ng/ml



#7 AR-1016-5

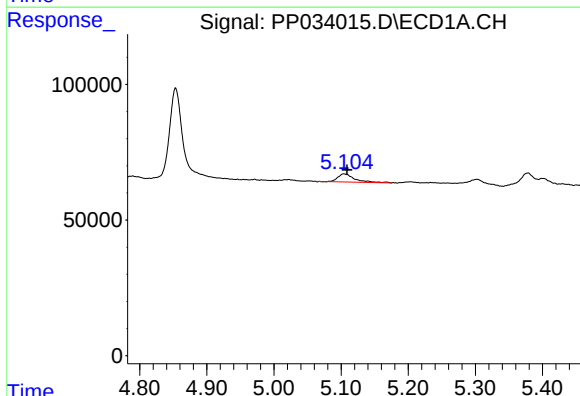
R.T.: 6.672 min  
Delta R.T.: -0.008 min  
Response: 26635  
Conc: 13.14 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



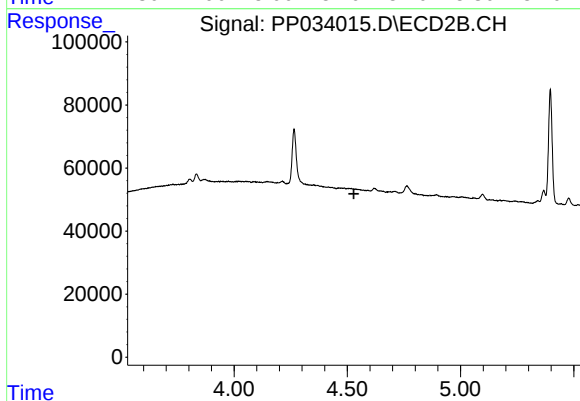
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 6.024 min  
Response: 0  
Conc: N.D.



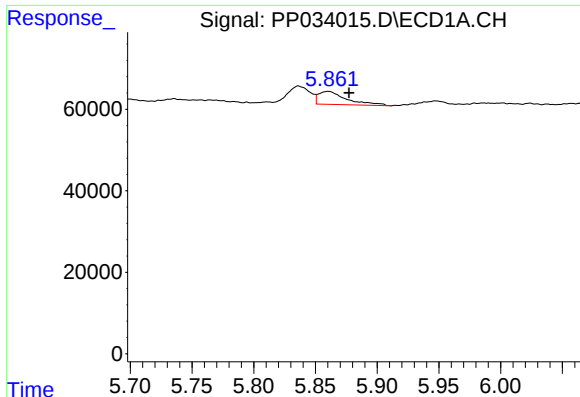
#8 AR-1221-1

R.T.: 5.104 min  
Delta R.T.: -0.005 min  
Response: 52420  
Conc: 56.81 ng/ml



#8 AR-1221-1

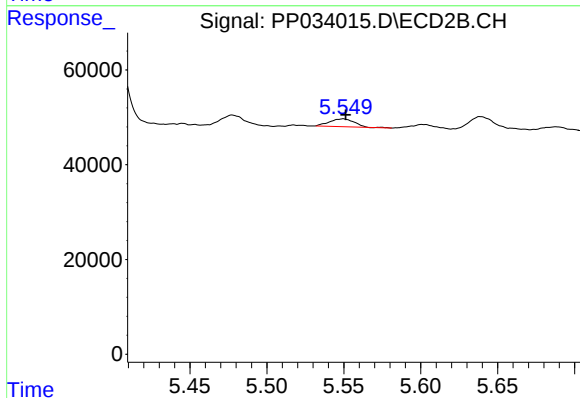
R.T.: 0.000 min  
Exp R.T. : 4.529 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

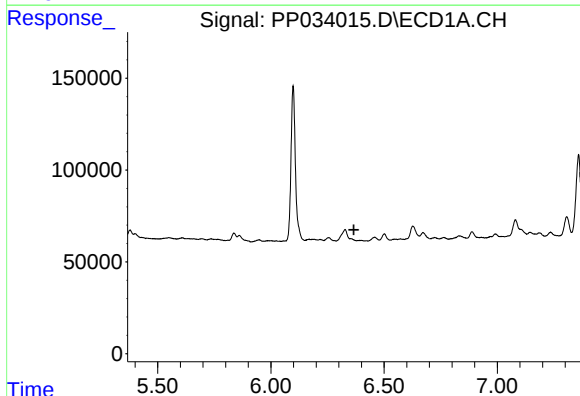
R.T.: 5.860 min  
Delta R.T.: -0.017 min  
Response: 50153  
Conc: 54.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



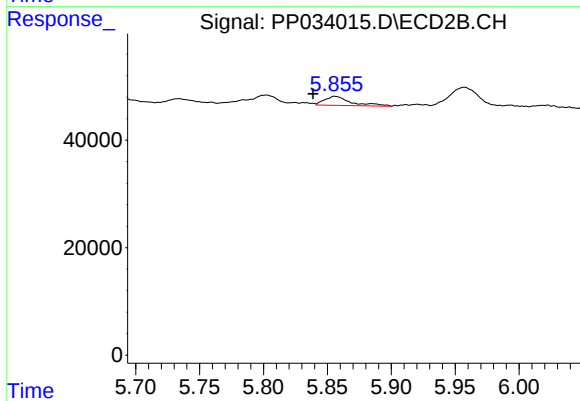
#12 AR-1232-2

R.T.: 5.550 min  
Delta R.T.: -0.002 min  
Response: 18902  
Conc: 26.08 ng/ml



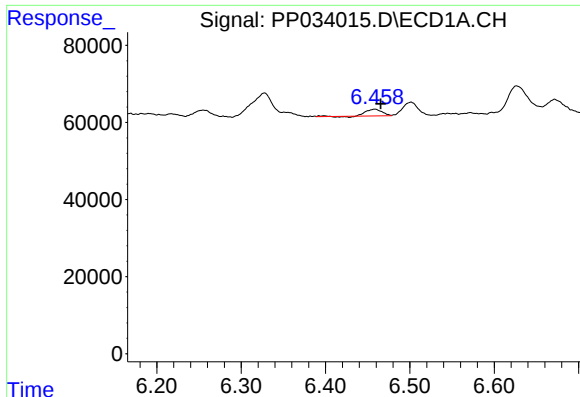
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.367 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

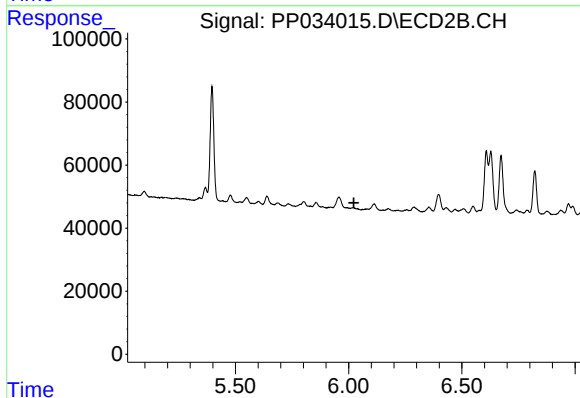
R.T.: 5.856 min  
Delta R.T.: 0.017 min  
Response: 23989  
Conc: 71.93 ng/ml



#15 AR-1232-5

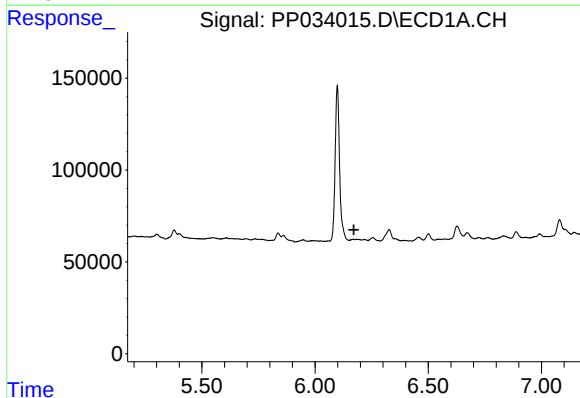
R.T.: 6.459 min  
Delta R.T.: -0.007 min  
Response: 23330  
Conc: 39.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



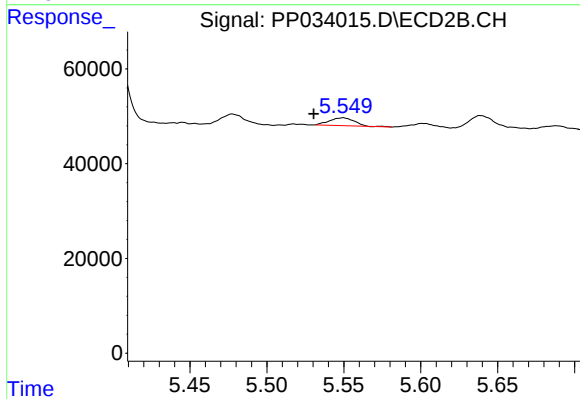
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.023 min  
Response: 0  
Conc: N.D.



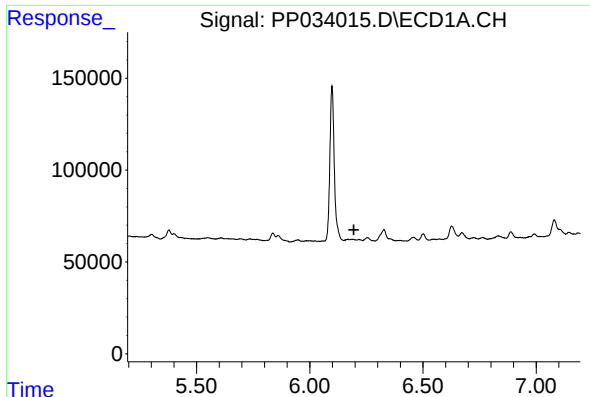
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 6.171 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

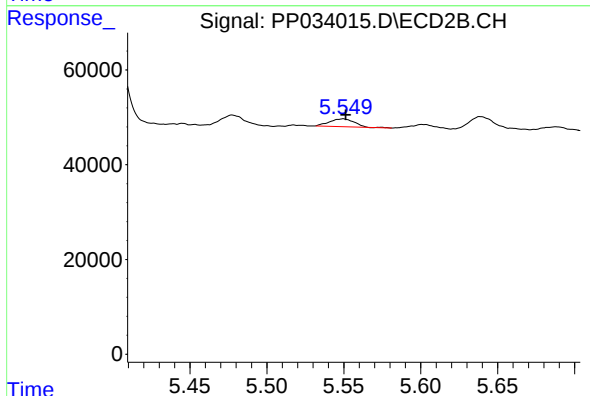
R.T.: 5.550 min  
Delta R.T.: 0.019 min  
Response: 18902  
Conc: 21.41 ng/ml



#17 AR-1242-2

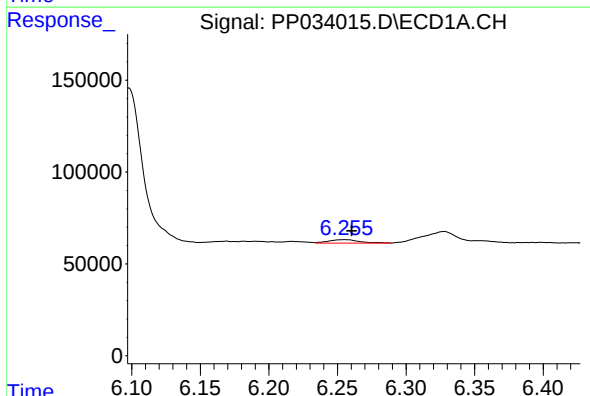
R.T.: 0.000 min  
Exp R.T.: 6.195 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



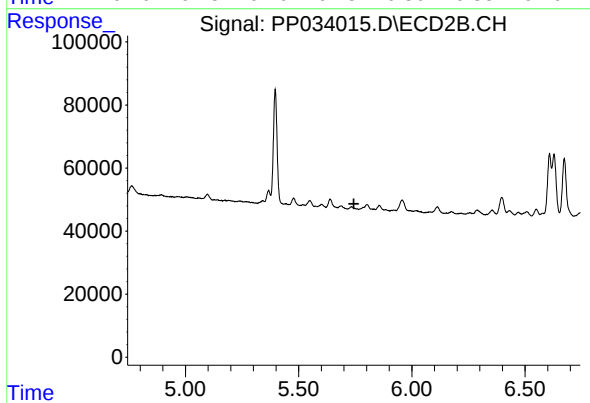
#17 AR-1242-2

R.T.: 5.550 min  
Delta R.T.: -0.002 min  
Response: 18902  
Conc: 15.07 ng/ml



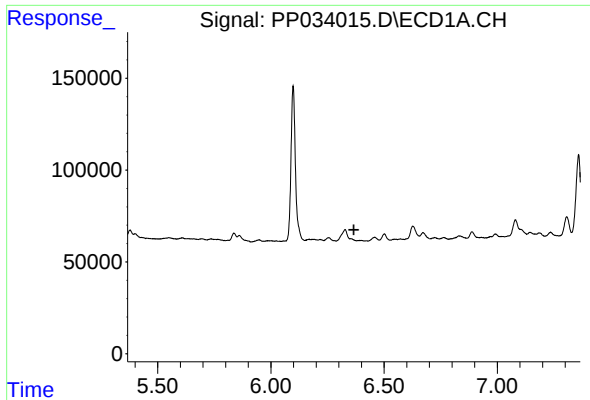
#18 AR-1242-3

R.T.: 6.255 min  
Delta R.T.: -0.005 min  
Response: 29122  
Conc: 15.24 ng/ml



#18 AR-1242-3

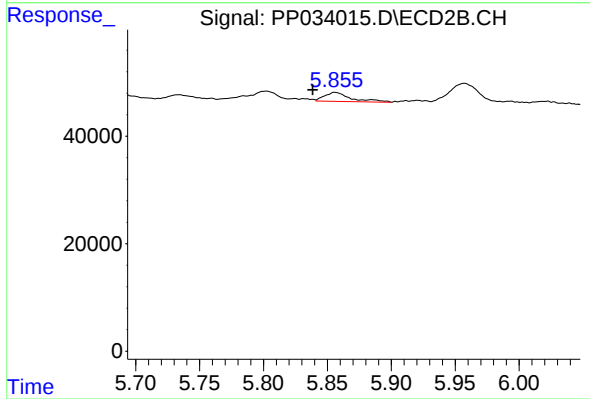
R.T.: 0.000 min  
Exp R.T.: 5.744 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

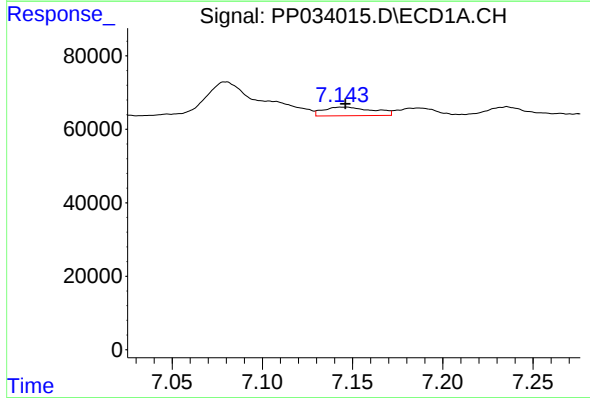
R.T.: 0.000 min  
Exp R.T.: 6.367 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



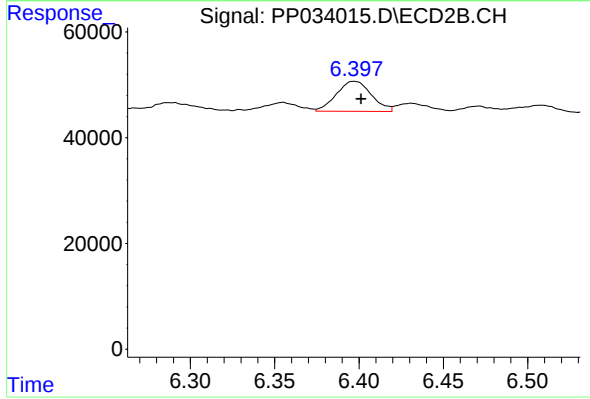
#19 AR-1242-4

R.T.: 5.856 min  
Delta R.T.: 0.018 min  
Response: 23989  
Conc: 35.04 ng/ml



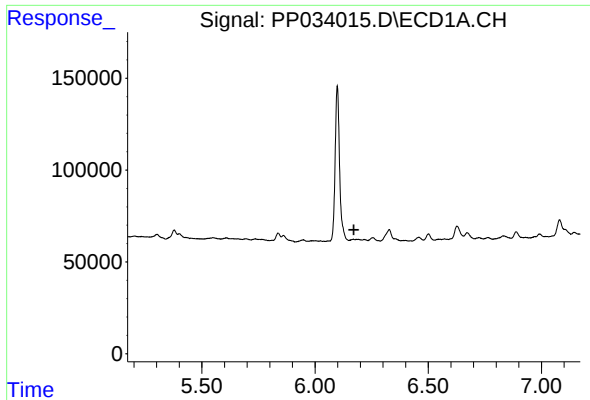
#20 AR-1242-5

R.T.: 7.145 min  
Delta R.T.: -0.001 min  
Response: 44894  
Conc: 27.97 ng/ml



#20 AR-1242-5

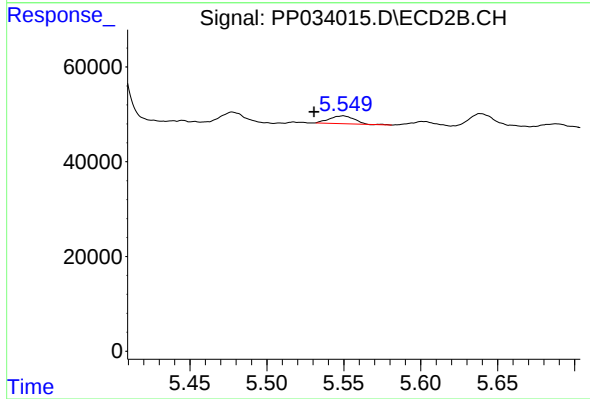
R.T.: 6.397 min  
Delta R.T.: -0.004 min  
Response: 81940  
Conc: 102.50 ng/ml



#21 AR-1248-1

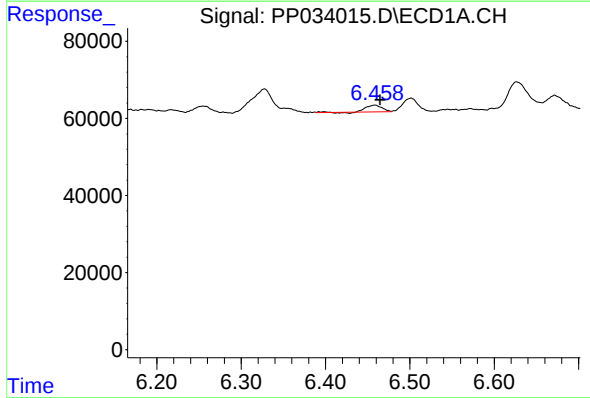
R.T.: 0.000 min  
Exp R.T.: 6.171 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



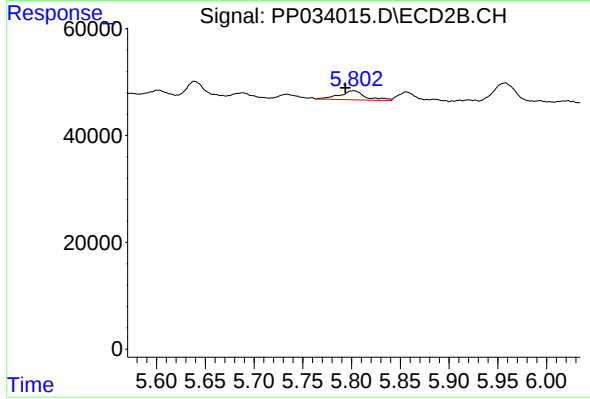
#21 AR-1248-1

R.T.: 5.550 min  
Delta R.T.: 0.019 min  
Response: 18902  
Conc: 27.77 ng/ml



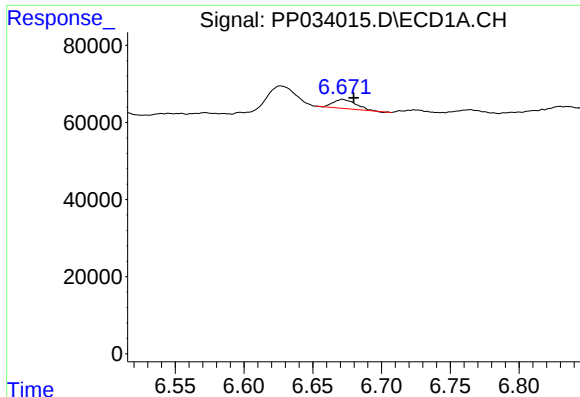
#22 AR-1248-2

R.T.: 6.459 min  
Delta R.T.: -0.006 min  
Response: 23330  
Conc: 10.96 ng/ml



#22 AR-1248-2

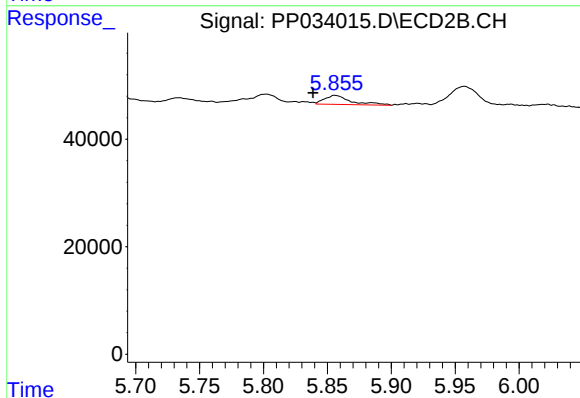
R.T.: 5.802 min  
Delta R.T.: 0.008 min  
Response: 30864  
Conc: 32.89 ng/ml



#23 AR-1248-3

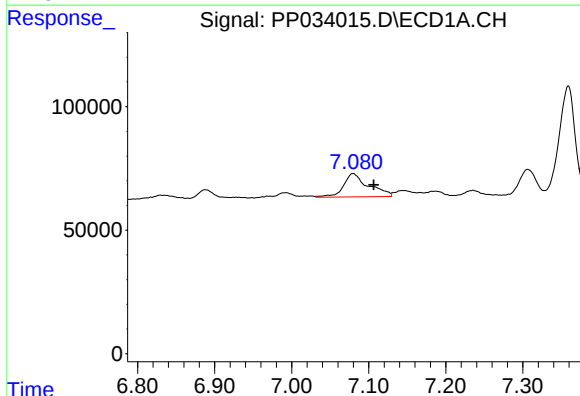
R.T.: 6.672 min  
Delta R.T.: -0.008 min  
Response: 26635  
Conc: 10.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



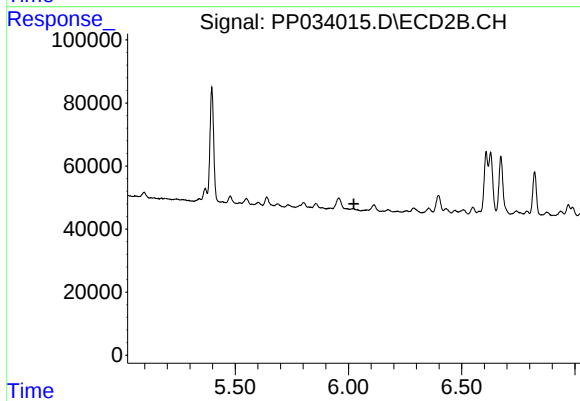
#23 AR-1248-3

R.T.: 5.856 min  
Delta R.T.: 0.017 min  
Response: 23989  
Conc: 23.82 ng/ml



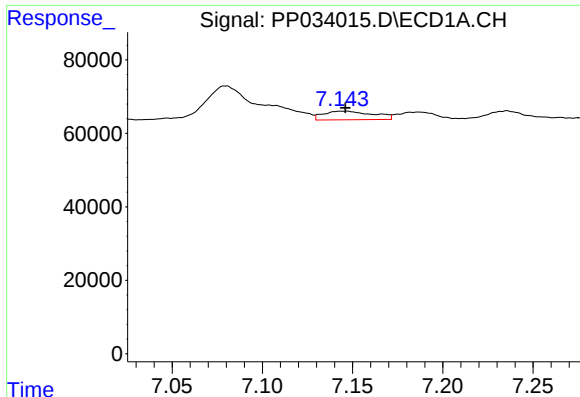
#24 AR-1248-4

R.T.: 7.080 min  
Delta R.T.: -0.027 min  
Response: 212995  
Conc: 76.99 ng/ml



#24 AR-1248-4

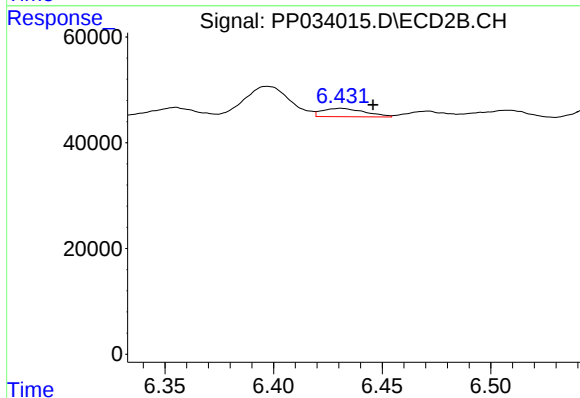
R.T.: 0.000 min  
Exp R.T.: 6.024 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

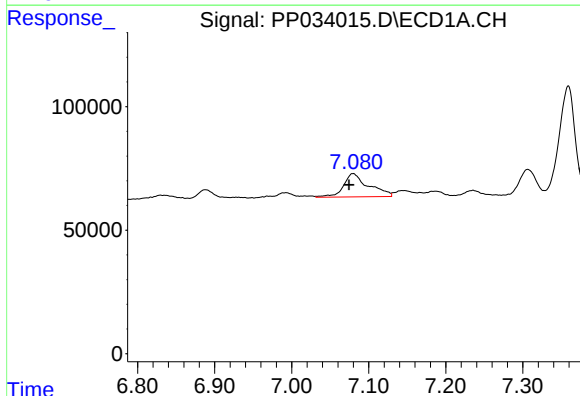
R.T.: 7.145 min  
Delta R.T.: -0.001 min  
Response: 44894  
Conc: 16.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



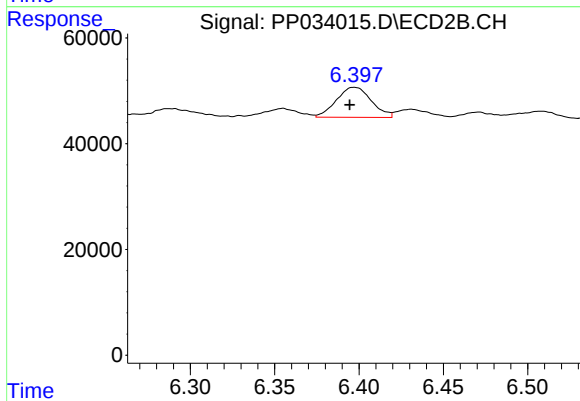
#25 AR-1248-5

R.T.: 6.431 min  
Delta R.T.: -0.015 min  
Response: 21472  
Conc: 19.94 ng/ml



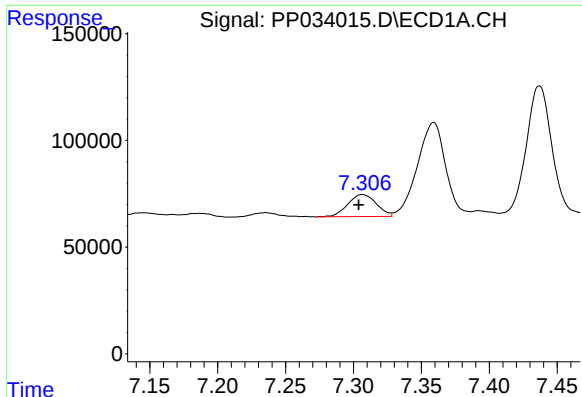
#26 AR-1254-1

R.T.: 7.080 min  
Delta R.T.: 0.005 min  
Response: 212995  
Conc: 72.91 ng/ml



#26 AR-1254-1

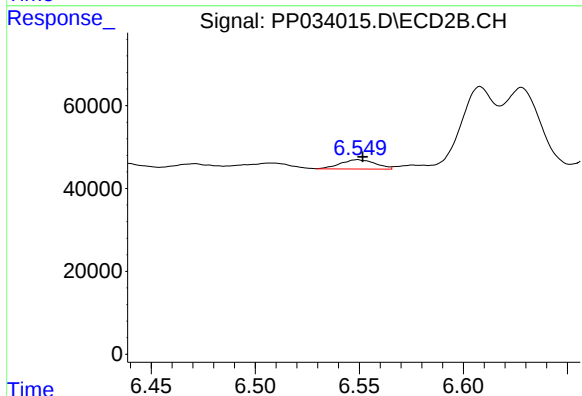
R.T.: 6.397 min  
Delta R.T.: 0.003 min  
Response: 81940  
Conc: 50.26 ng/ml



#27 AR-1254-2

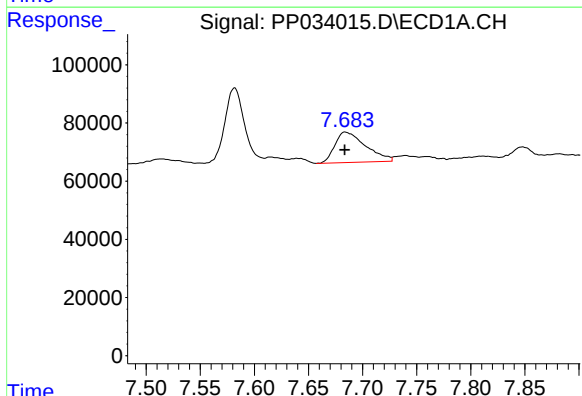
R.T.: 7.306 min  
Delta R.T.: 0.003 min  
Response: 150933  
Conc: 33.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



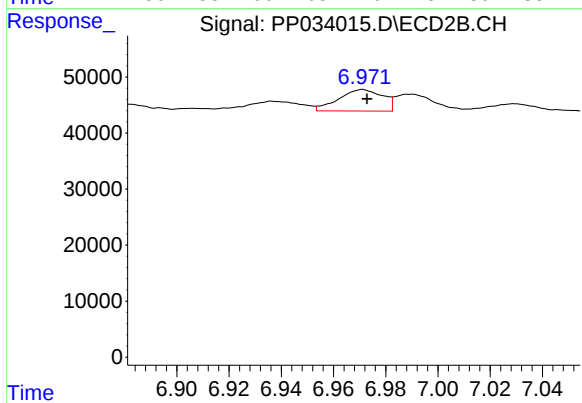
#27 AR-1254-2

R.T.: 6.549 min  
Delta R.T.: -0.003 min  
Response: 26355  
Conc: 18.45 ng/ml



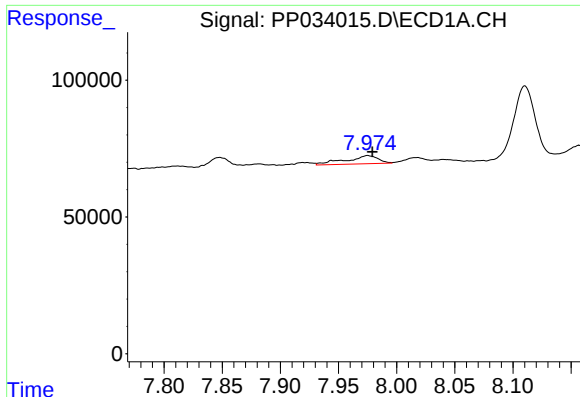
#28 AR-1254-3

R.T.: 7.684 min  
Delta R.T.: 0.000 min  
Response: 207560  
Conc: 41.98 ng/ml



#28 AR-1254-3

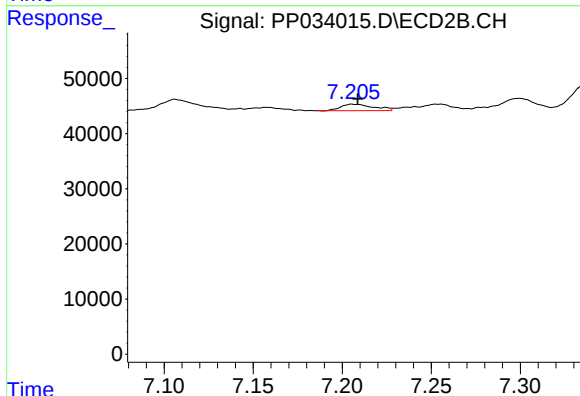
R.T.: 6.971 min  
Delta R.T.: -0.002 min  
Response: 45094  
Conc: 19.70 ng/ml



#29 AR-1254-4

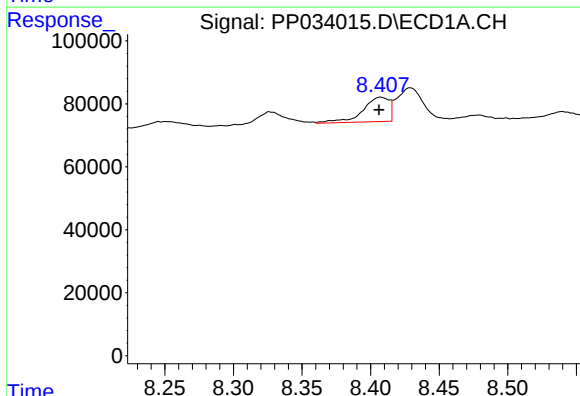
R.T.: 7.975 min  
Delta R.T.: -0.004 min  
Response: 57506  
Conc: 16.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



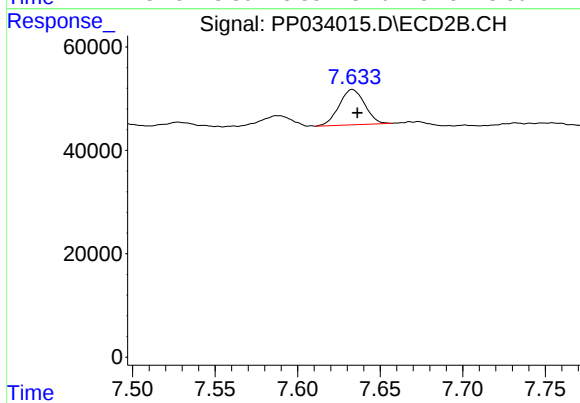
#29 AR-1254-4

R.T.: 7.206 min  
Delta R.T.: -0.003 min  
Response: 15065  
Conc: 11.85 ng/ml



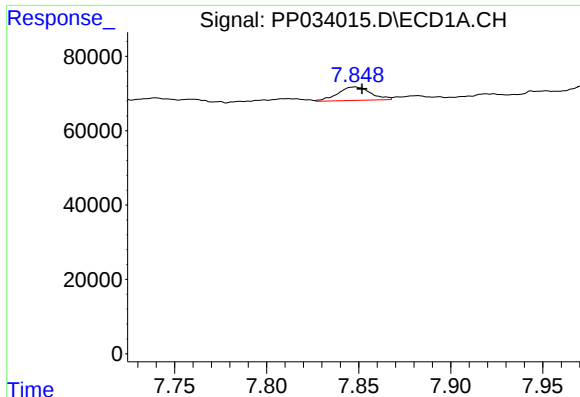
#30 AR-1254-5

R.T.: 8.407 min  
Delta R.T.: 0.001 min  
Response: 104704  
Conc: 26.60 ng/ml



#30 AR-1254-5

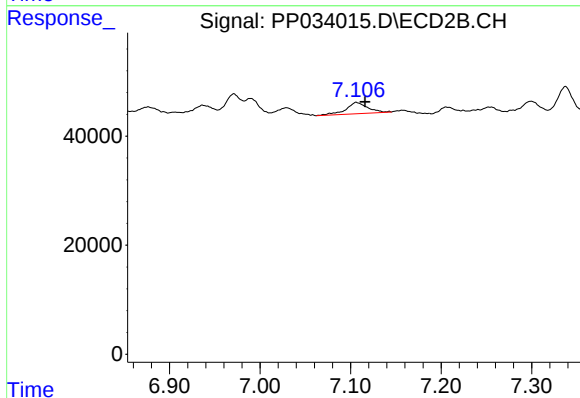
R.T.: 7.633 min  
Delta R.T.: -0.003 min  
Response: 73937  
Conc: 39.25 ng/ml



#31 AR-1260-1

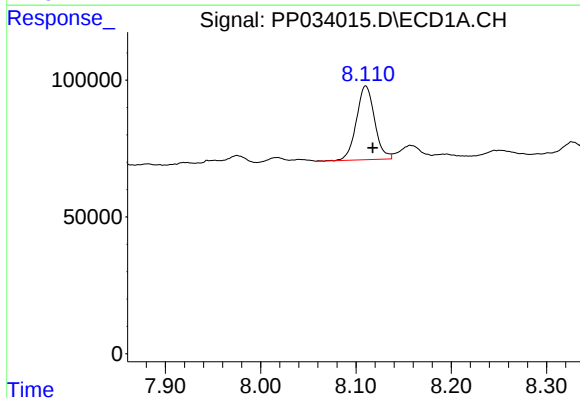
R.T.: 7.848 min  
Delta R.T.: -0.004 min  
Response: 44965  
Conc: 13.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



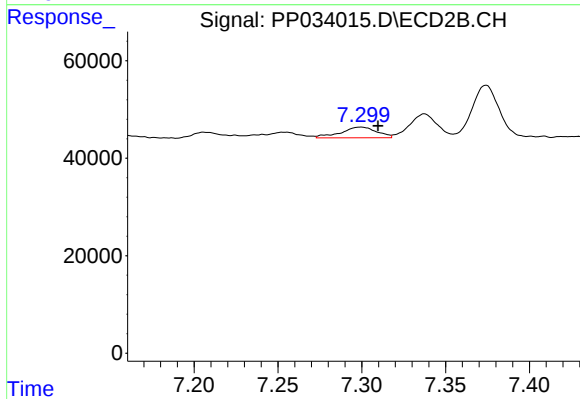
#31 AR-1260-1

R.T.: 7.106 min  
Delta R.T.: -0.010 min  
Response: 34711  
Conc: 22.71 ng/ml



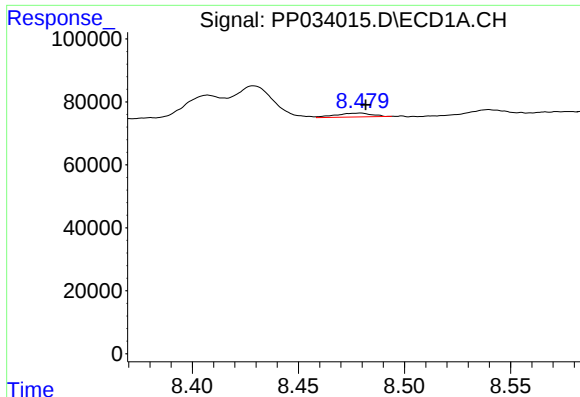
#32 AR-1260-2

R.T.: 8.110 min  
Delta R.T.: -0.007 min  
Response: 356691  
Conc: 86.63 ng/ml



#32 AR-1260-2

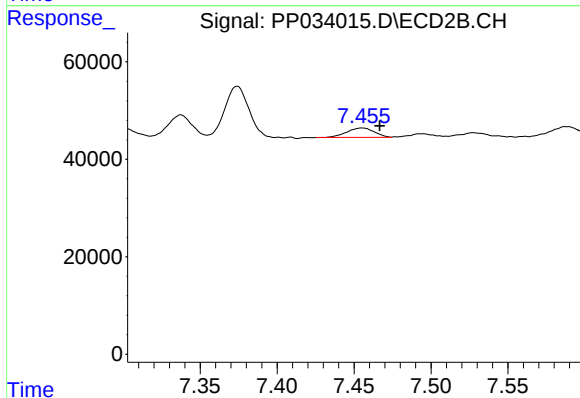
R.T.: 7.299 min  
Delta R.T.: -0.010 min  
Response: 32586  
Conc: 18.02 ng/ml



#33 AR-1260-3

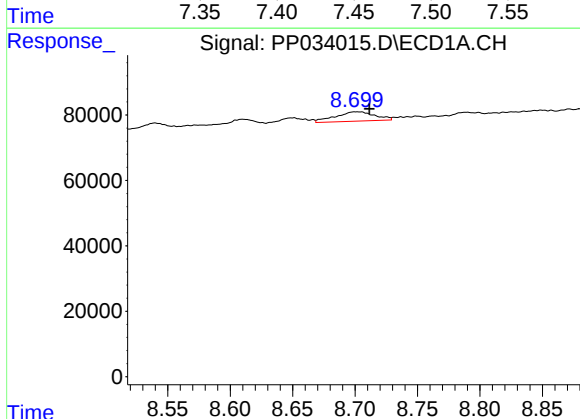
R.T.: 8.479 min  
Delta R.T.: -0.003 min  
Response: 14441  
Conc: 4.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



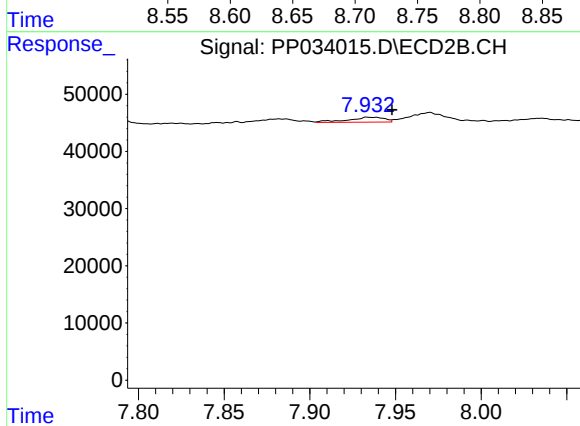
#33 AR-1260-3

R.T.: 7.455 min  
Delta R.T.: -0.011 min  
Response: 24259  
Conc: 14.32 ng/ml



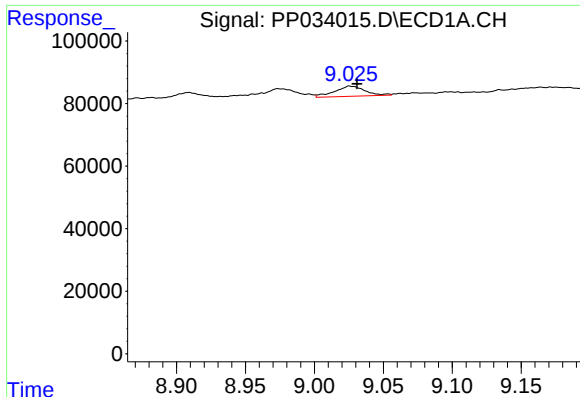
#34 AR-1260-4

R.T.: 8.701 min  
Delta R.T.: -0.010 min  
Response: 63881  
Conc: 17.25 ng/ml



#34 AR-1260-4

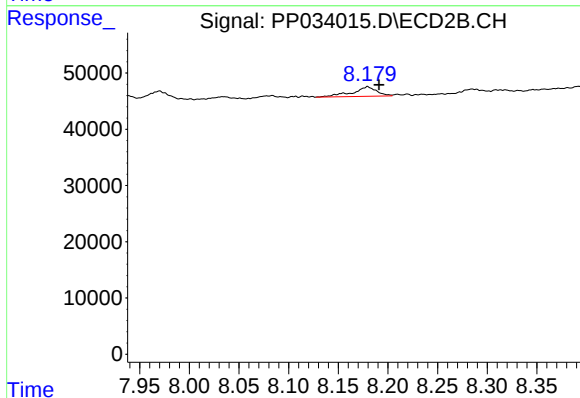
R.T.: 7.934 min  
Delta R.T.: -0.014 min  
Response: 12636  
Conc: 8.59 ng/ml



#35 AR-1260-5

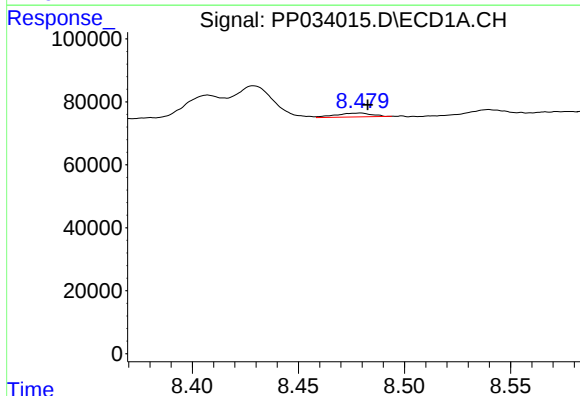
R.T.: 9.026 min  
Delta R.T.: -0.005 min  
Response: 50545  
Conc: 6.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



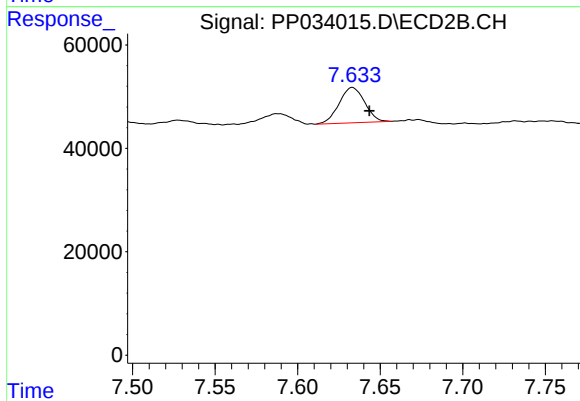
#35 AR-1260-5

R.T.: 8.180 min  
Delta R.T.: -0.011 min  
Response: 29078  
Conc: 8.94 ng/ml



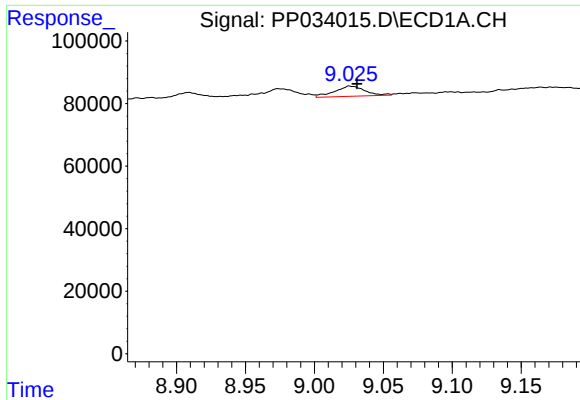
#36 AR-1262-1

R.T.: 8.479 min  
Delta R.T.: -0.004 min  
Response: 14441  
Conc: 3.04 ng/ml



#36 AR-1262-1

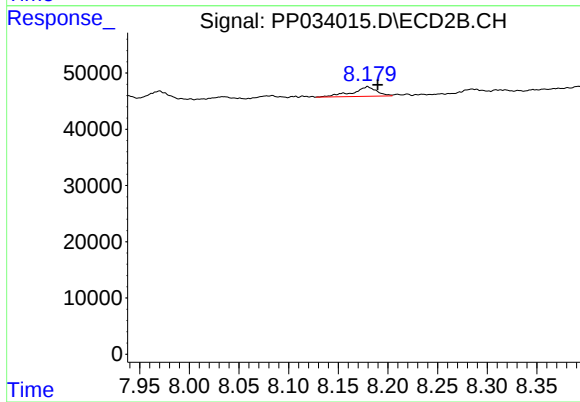
R.T.: 7.633 min  
Delta R.T.: -0.010 min  
Response: 73937  
Conc: 69.55 ng/ml



#37 AR-1262-2

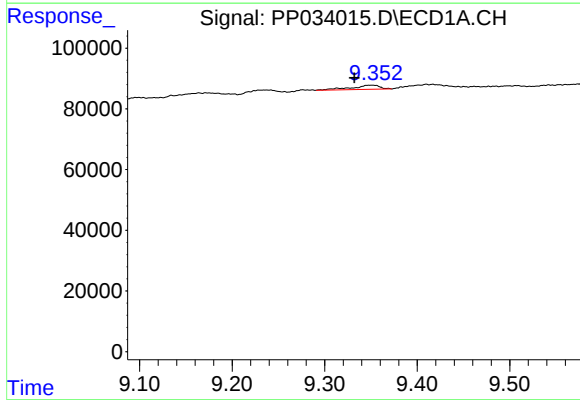
R.T.: 9.026 min  
Delta R.T.: -0.005 min  
Response: 50545  
Conc: 5.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



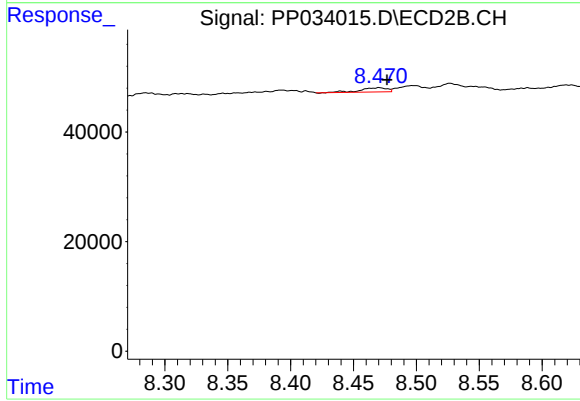
#37 AR-1262-2

R.T.: 8.180 min  
Delta R.T.: -0.010 min  
Response: 29078  
Conc: 8.73 ng/ml



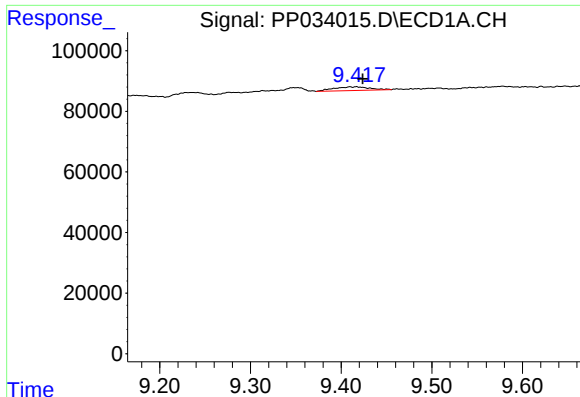
#38 AR-1262-3

R.T.: 9.351 min  
Delta R.T.: 0.019 min  
Response: 28474  
Conc: 4.69 ng/ml



#38 AR-1262-3

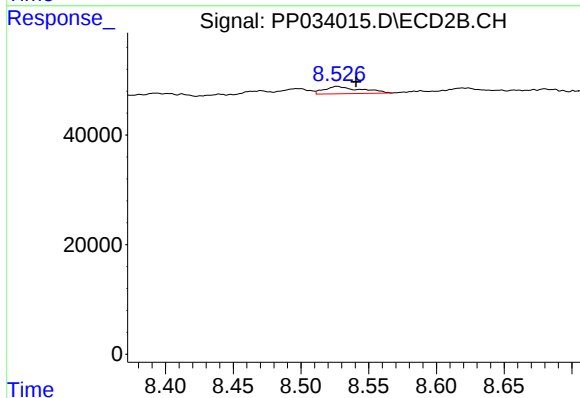
R.T.: 8.470 min  
Delta R.T.: -0.006 min  
Response: 11273  
Conc: 7.89 ng/ml



#39 AR-1262-4

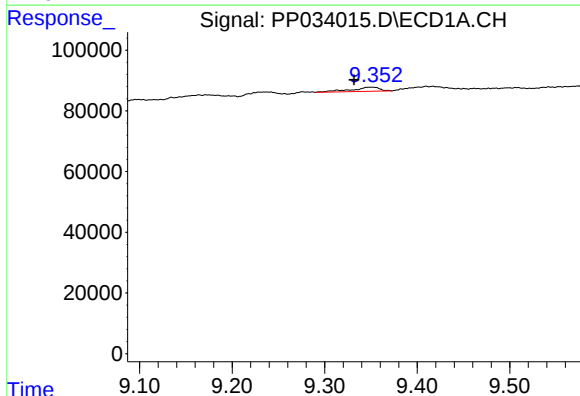
R.T.: 9.417 min  
Delta R.T.: -0.007 min  
Response: 33038  
Conc: 6.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



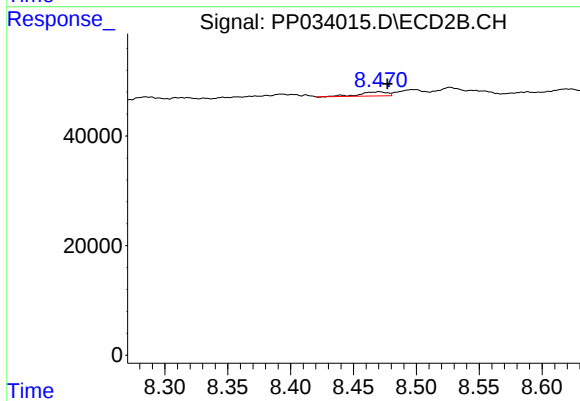
#39 AR-1262-4

R.T.: 8.527 min  
Delta R.T.: -0.014 min  
Response: 25064  
Conc: 9.94 ng/ml



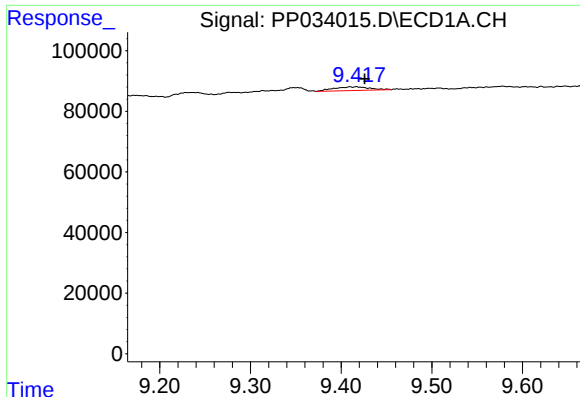
#41 AR-1268-1

R.T.: 9.351 min  
Delta R.T.: 0.019 min  
Response: 28474  
Conc: 2.73 ng/ml



#41 AR-1268-1

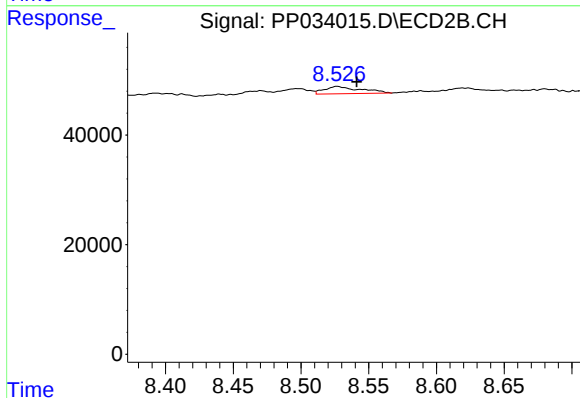
R.T.: 8.470 min  
Delta R.T.: -0.007 min  
Response: 11273  
Conc: 2.95 ng/ml



#42 AR-1268-2

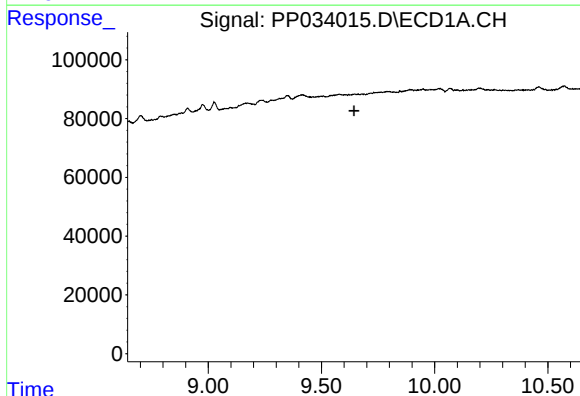
R.T.: 9.417 min  
Delta R.T.: -0.009 min  
Response: 33038  
Conc: 3.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



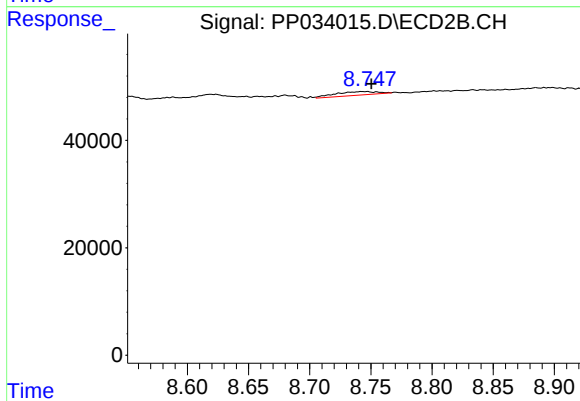
#42 AR-1268-2

R.T.: 8.527 min  
Delta R.T.: -0.014 min  
Response: 25064  
Conc: 7.01 ng/ml



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 9.644 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

R.T.: 8.747 min  
Delta R.T.: -0.004 min  
Response: 15802  
Conc: 5.09 ng/ml