

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP012921\  
 Data File : PP033099.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Jan 2021 23:25  
 Operator : DD\AJ  
 Sample : M1269-01  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 CL-02-012821

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 30 00:31:37 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP012821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jan 29 04:07:51 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... | 4.732  | 4.005 | 1151278 | 969535 | 20.275  | 21.090    |
| 2)                          | SA Decachlor... | 10.558 | 9.275 | 980089  | 786554 | 27.317  | 23.937    |
| Target Compounds            |                 |        |       |         |        |         |           |
| 3)                          | L1 AR-1016-1    | 6.055f | 0.000 | 246904  | 0      | 160.370 | N.D. #    |
| 4)                          | L1 AR-1016-2    | 6.055  | 5.287 | 246904  | -5156  | 103.847 | N.D. #    |
| 5)                          | L1 AR-1016-3    | 6.113  | 0.000 | 226095  | 0      | 155.274 | N.D. #    |
| 7)                          | L1 AR-1016-5    | 6.533  | 0.000 | 152822  | 0      | 135.181 | N.D. #    |
| 8)                          | L2 AR-1221-1    | 4.973  | 0.000 | 125135  | 0      | 224.078 | N.D. #    |
| 13)                         | L3 AR-1232-3    | 6.055  | 0.000 | 246904  | 0      | 242.233 | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.561 | 0       | 82050  | N.D.    | 225.126 # |
| 15)                         | L3 AR-1232-5    | 6.329  | 0.000 | 261870  | 0      | 806.150 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 6.055f | 0.000 | 246904  | 0      | 198.887 | N.D. #    |
| 17)                         | L4 AR-1242-2    | 6.055  | 5.287 | 246904  | -5156  | 133.010 | N.D. #    |
| 18)                         | L4 AR-1242-3    | 6.113  | 0.000 | 226095  | 0      | 198.529 | N.D. #    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.561 | 0       | 82050  | N.D.    | 106.404 # |
| 20)                         | L4 AR-1242-5    | 7.012  | 6.125 | 99192   | 67481  | 108.303 | 74.463 #  |
| 21)                         | L5 AR-1248-1    | 6.055f | 0.000 | 246904  | 0      | 277.427 | N.D. #    |
| 22)                         | L5 AR-1248-2    | 6.329  | 0.000 | 261870  | 0      | 216.912 | N.D. #    |
| 23)                         | L5 AR-1248-3    | 6.533  | 5.561 | 152822  | 82050  | 101.580 | 72.594 #  |
| 24)                         | L5 AR-1248-4    | 6.940f | 0.000 | 318888  | 0      | 202.692 | N.D. #    |
| 25)                         | L5 AR-1248-5    | 7.012  | 0.000 | 99192   | 0      | 64.094  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.940  | 6.125 | 318888  | 67481  | 189.267 | 33.668 #  |
| 27)                         | L6 AR-1254-2    | 7.166  | 6.277 | 85113   | 26652  | 32.963  | 15.599 #  |
| 28)                         | L6 AR-1254-3    | 7.543  | 6.699 | 60861   | 28664  | 23.283  | 10.543 #  |
| 29)                         | L6 AR-1254-4    | 7.838  | 0.000 | 26760   | 0      | 15.167  | N.D. #    |
| 30)                         | L6 AR-1254-5    | 8.261  | 7.363 | 51180   | 43842  | 25.852  | 19.411    |
| 31)                         | L7 AR-1260-1    | 7.707  | 6.833 | 38341   | 22881  | 20.743  | 12.650 #  |
| 32)                         | L7 AR-1260-2    | 7.968  | 7.031 | 121584  | 23538  | 49.666  | 11.367 #  |
| 33)                         | L7 AR-1260-3    | 8.337  | 7.184 | 19596   | 21875  | 9.181   | 10.119    |
| 34)                         | L7 AR-1260-4    | 8.557  | 7.665 | 53223   | 18218  | 26.069  | 10.650 #  |
| 35)                         | L7 AR-1260-5    | 8.878  | 7.914 | 43412   | 33031  | 9.776   | 8.598     |
| 36)                         | L8 AR-1262-1    | 8.337  | 7.363 | 19596   | 43842  | 6.331   | 37.111 #  |
| 37)                         | L8 AR-1262-2    | 8.878  | 7.914 | 43412   | 33031  | 9.107   | 8.462     |
| 38)                         | L8 AR-1262-3    | 9.188  | 0.000 | 35204   | 0      | 10.465  | N.D. #    |
| 39)                         | L8 AR-1262-4    | 9.257  | 8.261 | 50033   | 36794  | 18.009  | 11.748 #  |
| 41)                         | L9 AR-1268-1    | 9.188  | 0.000 | 35204   | 0      | 5.694   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 9.257  | 8.261 | 50033   | 36794  | 8.945   | 8.203     |
| 45)                         | L9 AR-1268-5    | 10.251 | 9.038 | 33142   | 20464  | 2.558   | 1.815 #   |
| -----                       |                 |        |       |         |        |         |           |

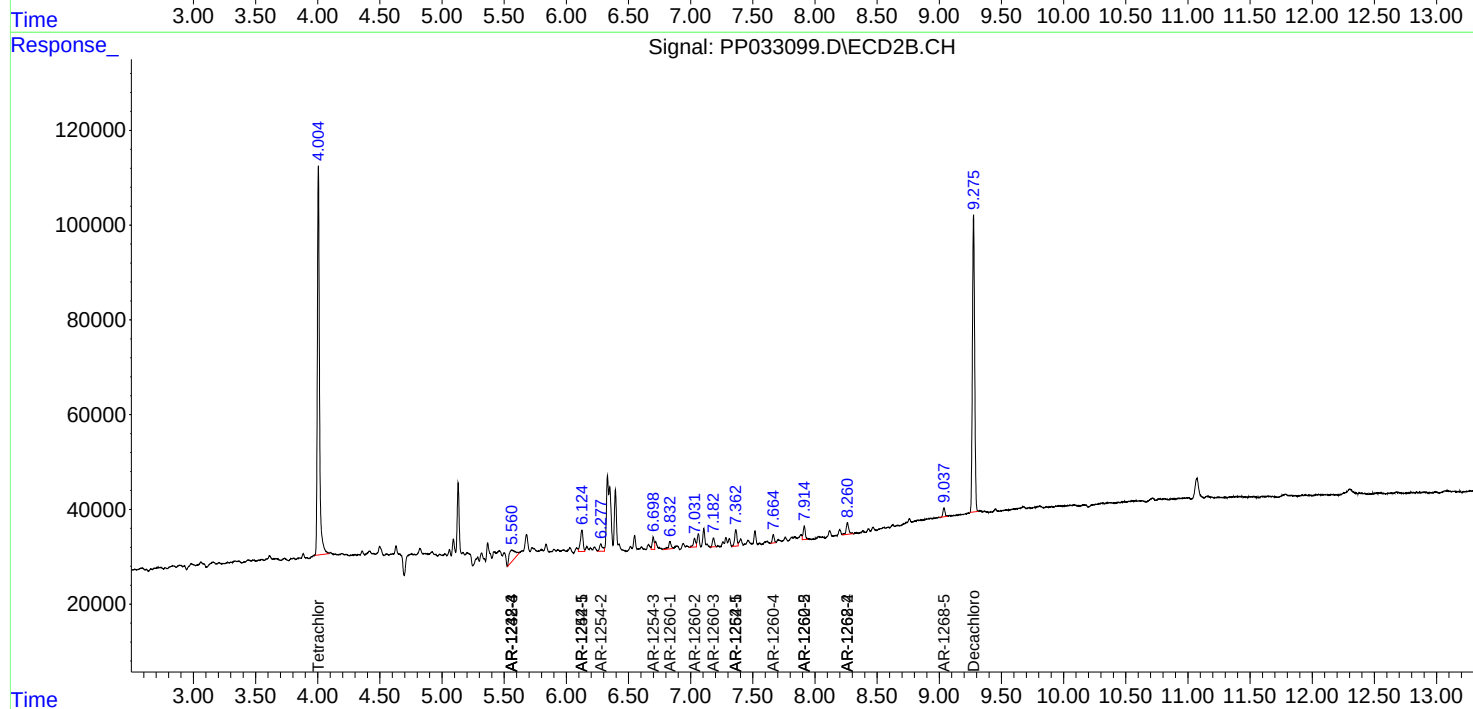
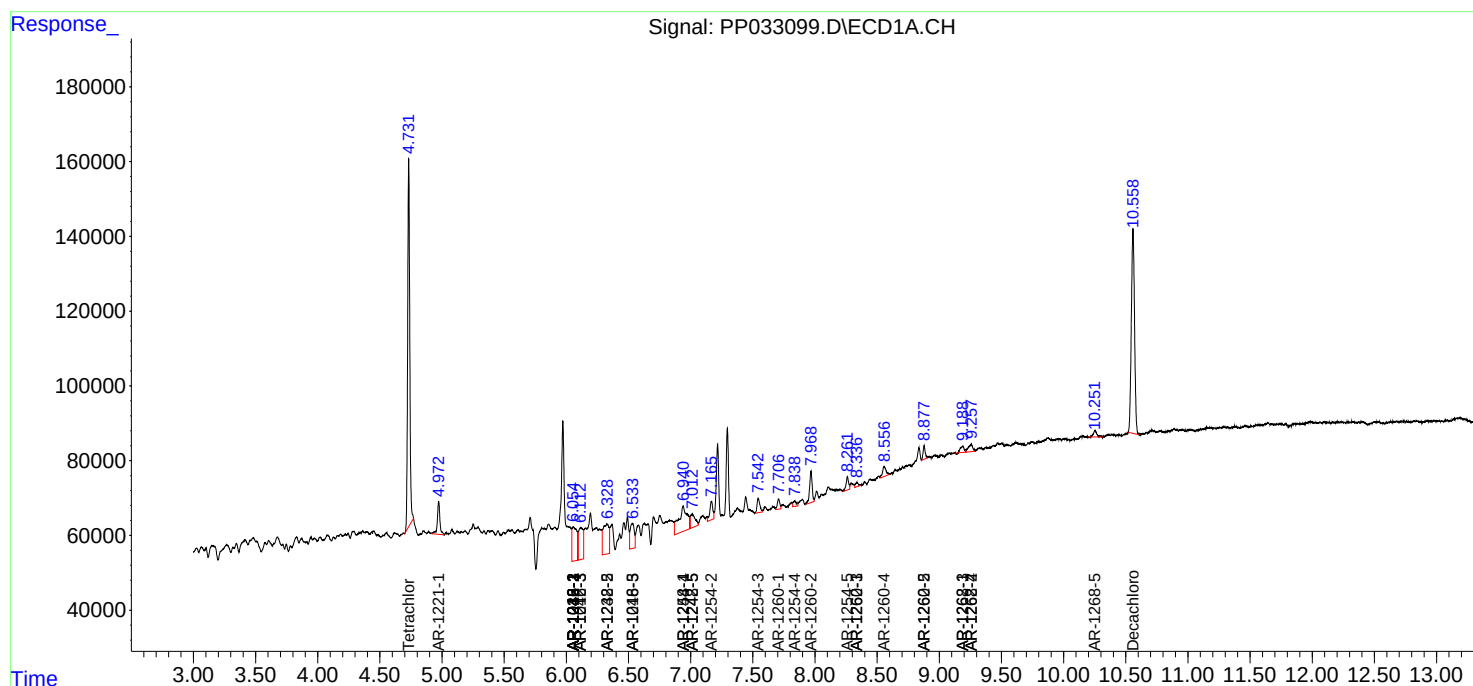
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

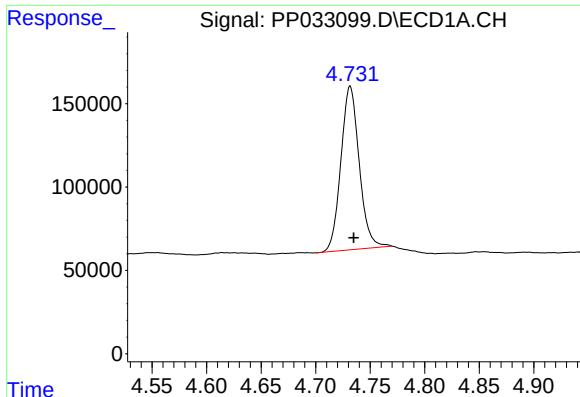
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP012921\  
Data File : PP033099.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 29 Jan 2021 23:25  
Operator : DD\AJ  
Sample : M1269-01  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :  
CL-02-012821

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 30 00:31:37 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP012821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jan 29 04:07:51 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

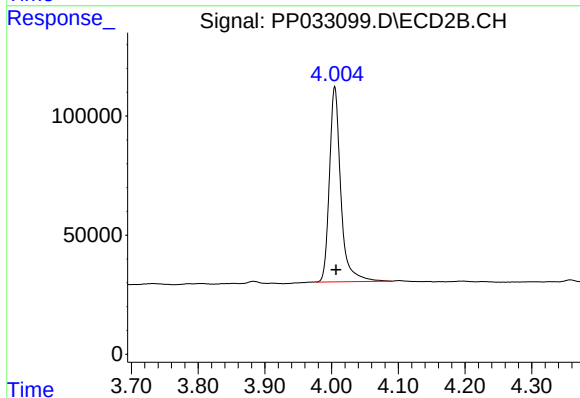




#1 Tetrachloro-m-xylene

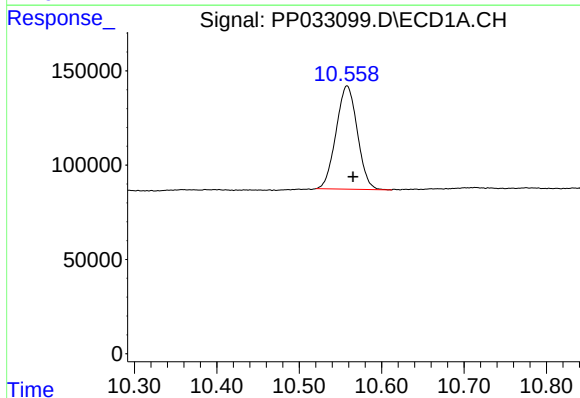
R.T.: 4.732 min  
Delta R.T.: -0.003 min  
Response: 1151278  
Conc: 20.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



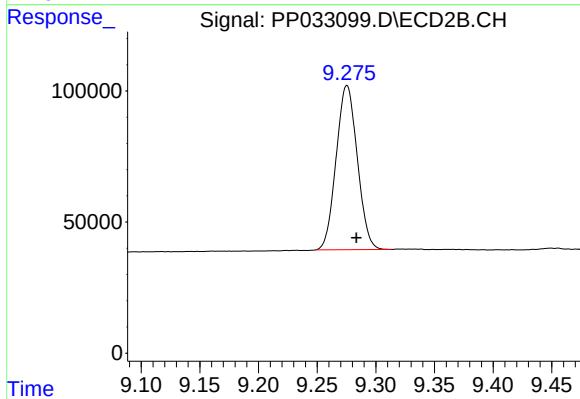
#1 Tetrachloro-m-xylene

R.T.: 4.005 min  
Delta R.T.: -0.002 min  
Response: 969535  
Conc: 21.09 ng/ml



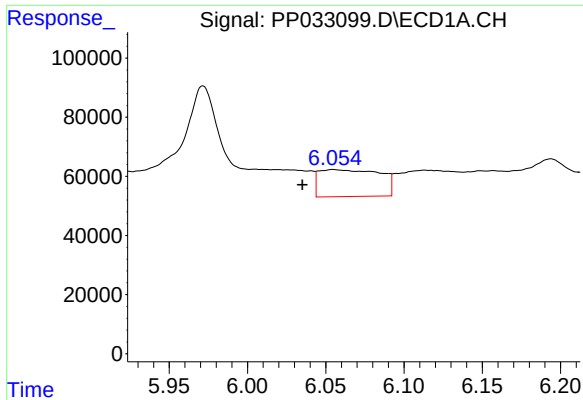
#2 Decachlorobiphenyl

R.T.: 10.558 min  
Delta R.T.: -0.007 min  
Response: 980089  
Conc: 27.32 ng/ml



#2 Decachlorobiphenyl

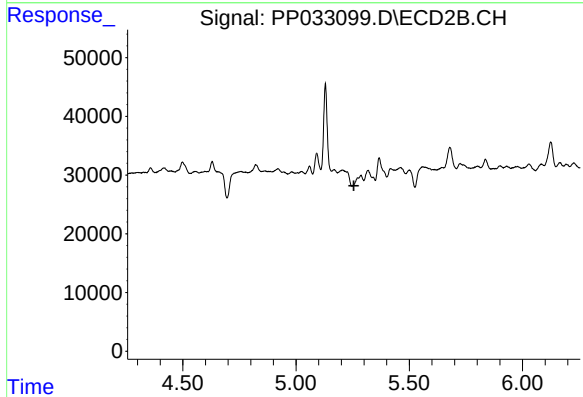
R.T.: 9.275 min  
Delta R.T.: -0.008 min  
Response: 786554  
Conc: 23.94 ng/ml



#3 AR-1016-1

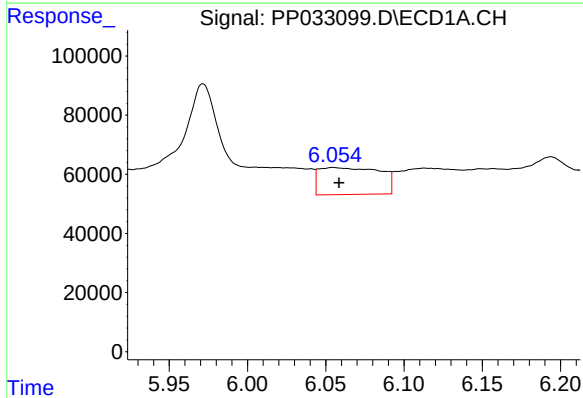
R.T.: 6.055 min  
Delta R.T.: 0.019 min  
Response: 246904  
Conc: 160.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



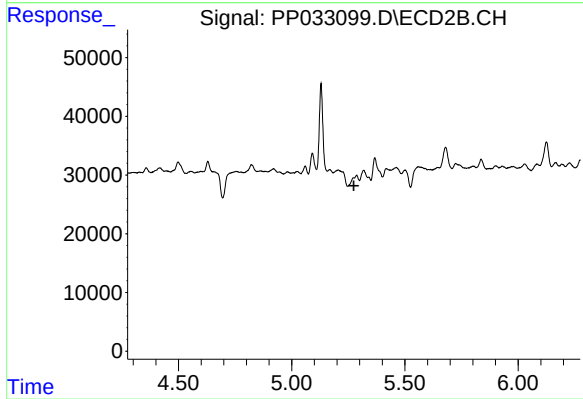
#3 AR-1016-1

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



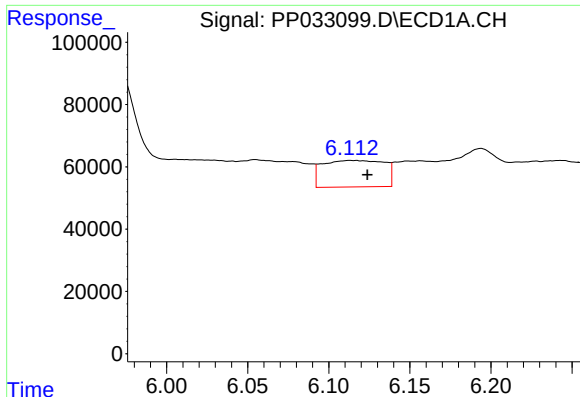
#4 AR-1016-2

R.T.: 6.055 min  
Delta R.T.: -0.004 min  
Response: 246904  
Conc: 103.85 ng/ml



#4 AR-1016-2

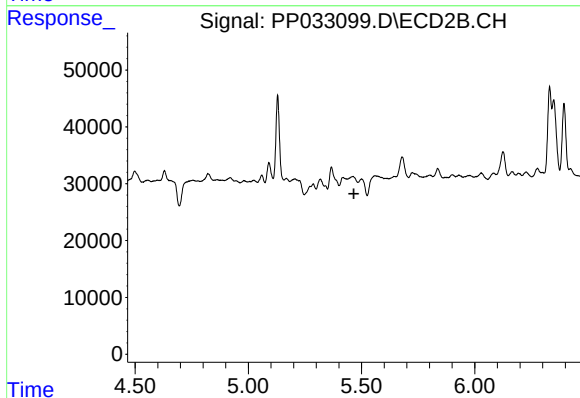
R.T.: 5.287 min  
Delta R.T.: 0.012 min  
Response: -5156  
Conc: N.D.



#5 AR-1016-3

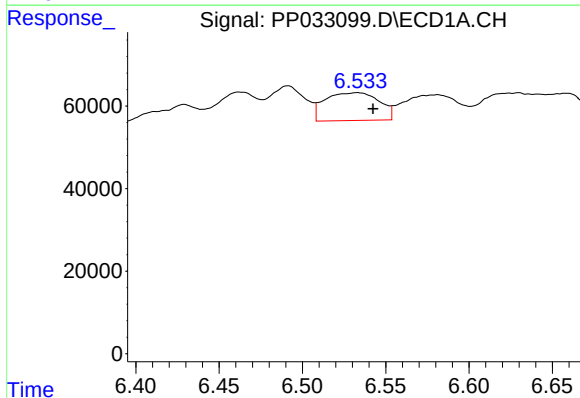
R.T.: 6.113 min  
Delta R.T.: -0.010 min  
Response: 226095  
Conc: 155.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



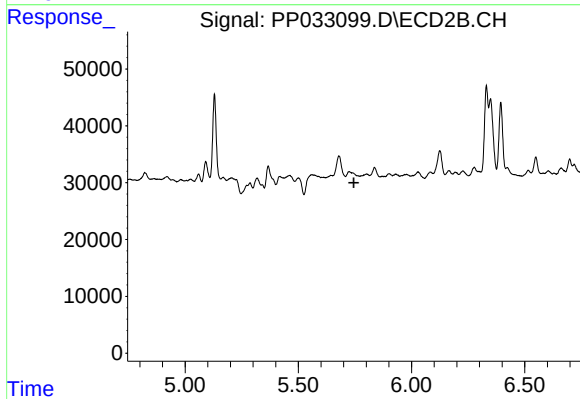
#5 AR-1016-3

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



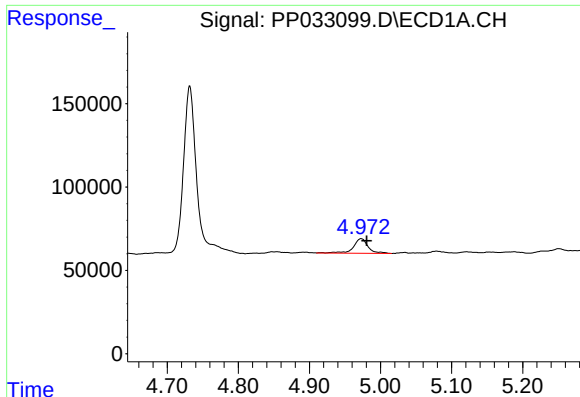
#7 AR-1016-5

R.T.: 6.533 min  
Delta R.T.: -0.009 min  
Response: 152822  
Conc: 135.18 ng/ml



#7 AR-1016-5

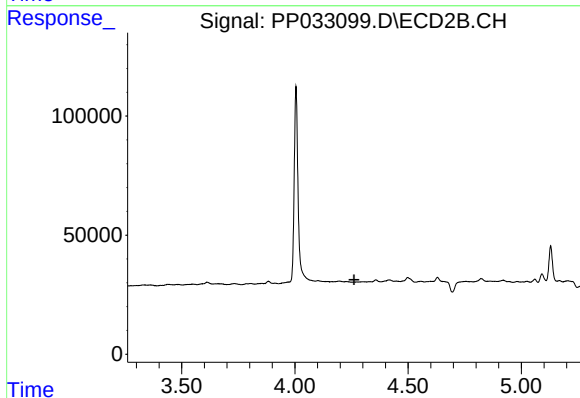
R.T.: 0.000 min  
Exp R.T. : 5.746 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

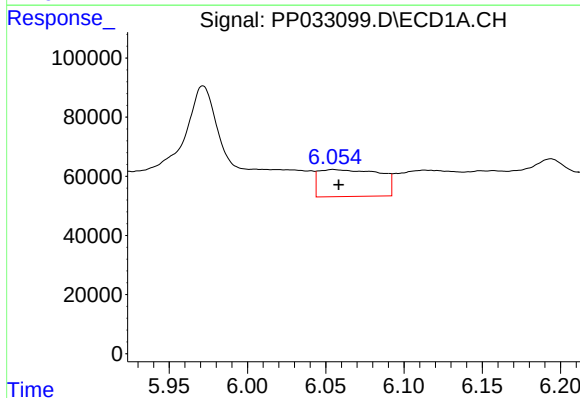
R.T.: 4.973 min  
Delta R.T.: -0.008 min  
Response: 125135  
Conc: 224.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



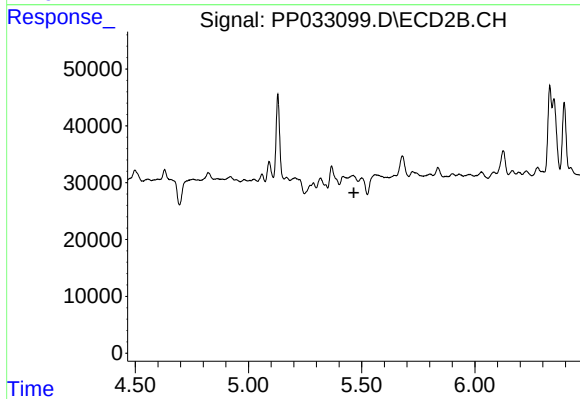
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.261 min  
Response: 0  
Conc: N.D.



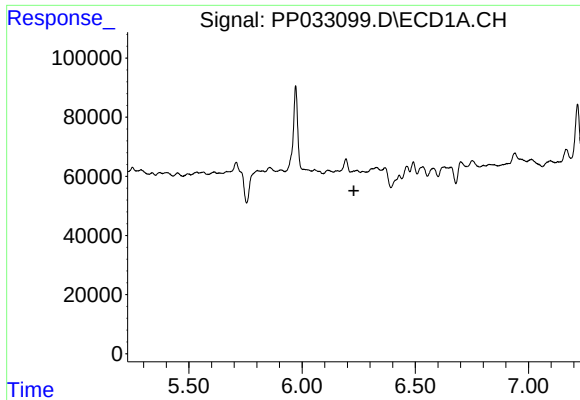
#13 AR-1232-3

R.T.: 6.055 min  
Delta R.T.: -0.004 min  
Response: 246904  
Conc: 242.23 ng/ml



#13 AR-1232-3

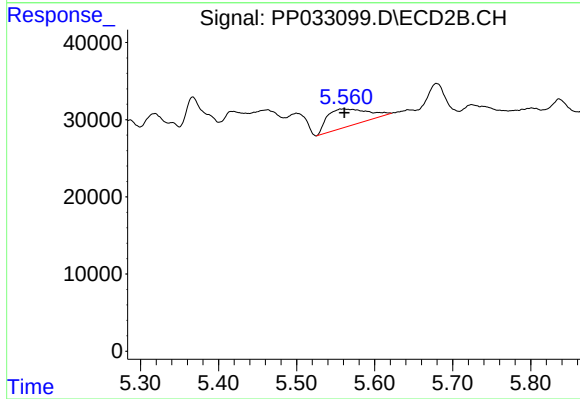
R.T.: 0.000 min  
Exp R.T. : 5.466 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

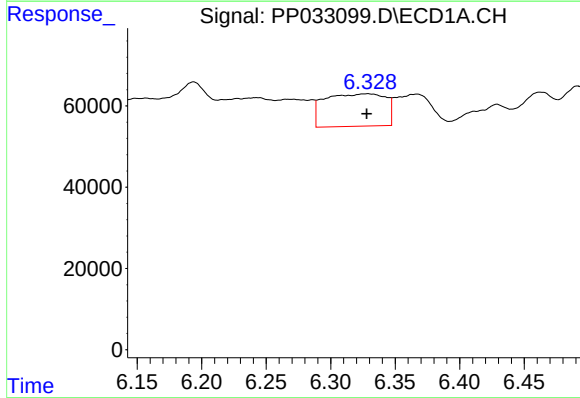
R.T.: 0.000 min  
Exp R.T.: 6.229 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



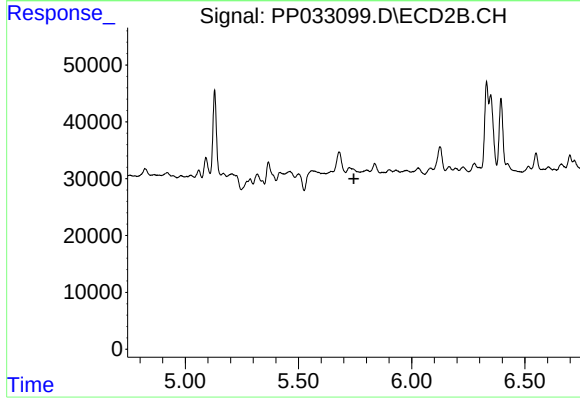
#14 AR-1232-4

R.T.: 5.561 min  
Delta R.T.: 0.000 min  
Response: 82050  
Conc: 225.13 ng/ml



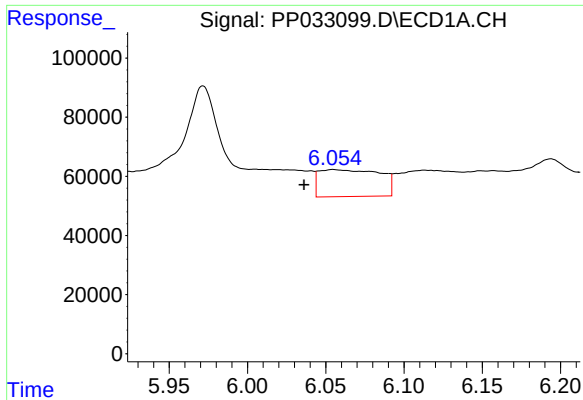
#15 AR-1232-5

R.T.: 6.329 min  
Delta R.T.: 0.000 min  
Response: 261870  
Conc: 806.15 ng/ml



#15 AR-1232-5

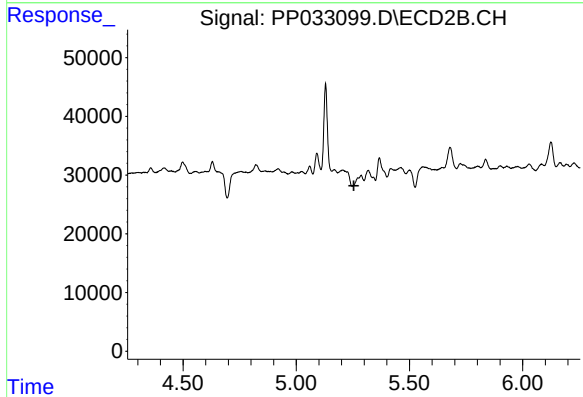
R.T.: 0.000 min  
Exp R.T.: 5.745 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

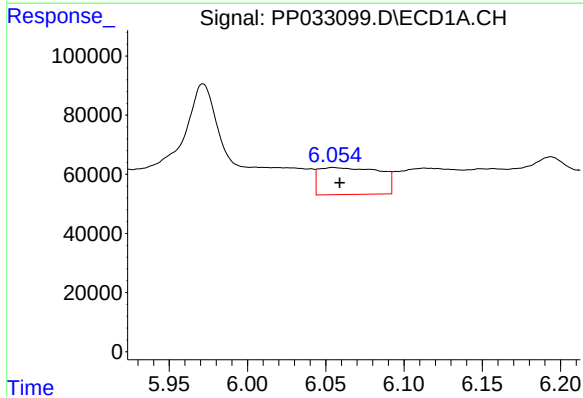
R.T.: 6.055 min  
Delta R.T.: 0.018 min  
Response: 246904  
Conc: 198.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



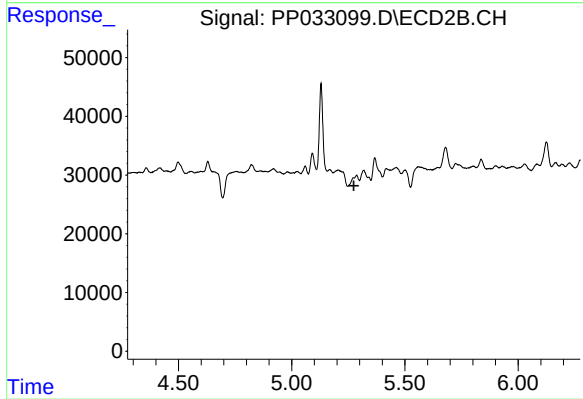
#16 AR-1242-1

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



#17 AR-1242-2

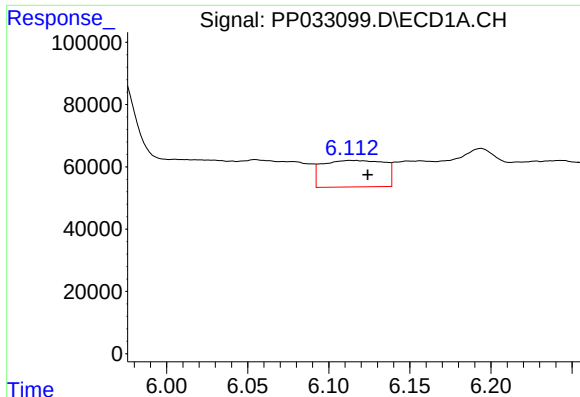
R.T.: 6.055 min  
Delta R.T.: -0.004 min  
Response: 246904  
Conc: 133.01 ng/ml



#17 AR-1242-2

R.T.: 5.287 min  
Delta R.T.: 0.012 min  
Response: -5156  
Conc: N.D.

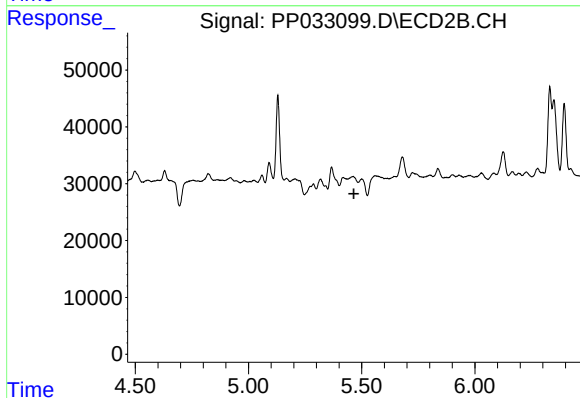




#18 AR-1242-3

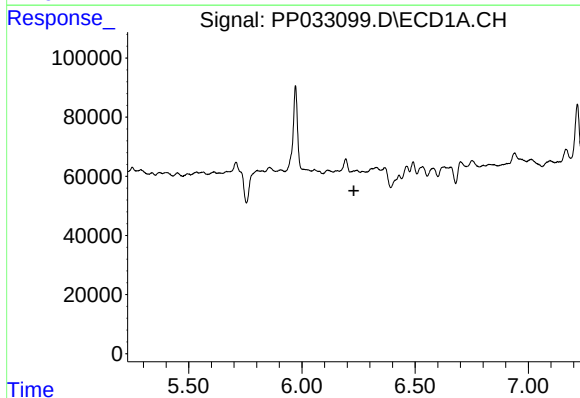
R.T.: 6.113 min  
Delta R.T.: -0.011 min  
Response: 226095  
Conc: 198.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



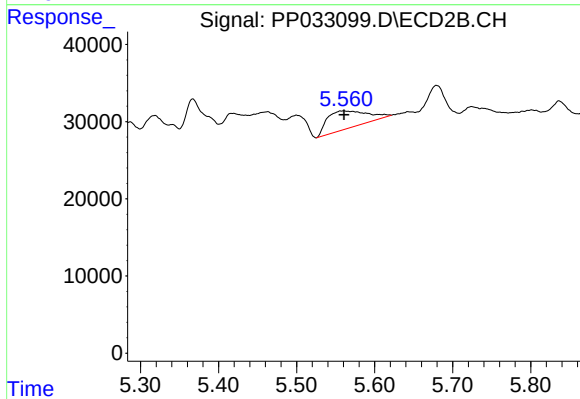
#18 AR-1242-3

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



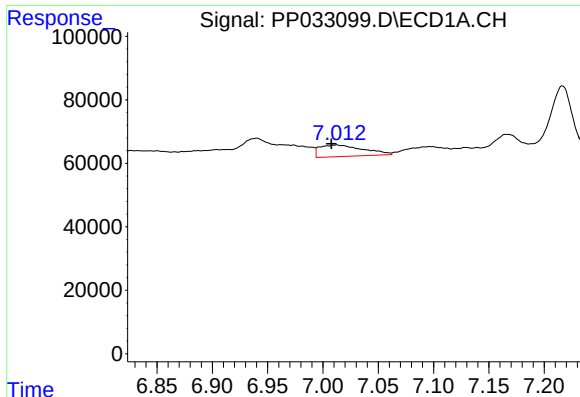
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.229 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

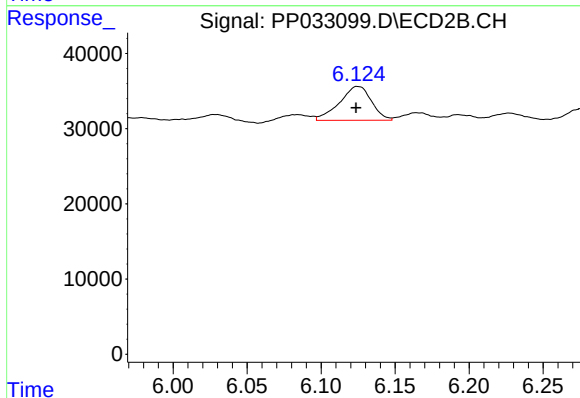
R.T.: 5.561 min  
Delta R.T.: 0.000 min  
Response: 82050  
Conc: 106.40 ng/ml



#20 AR-1242-5

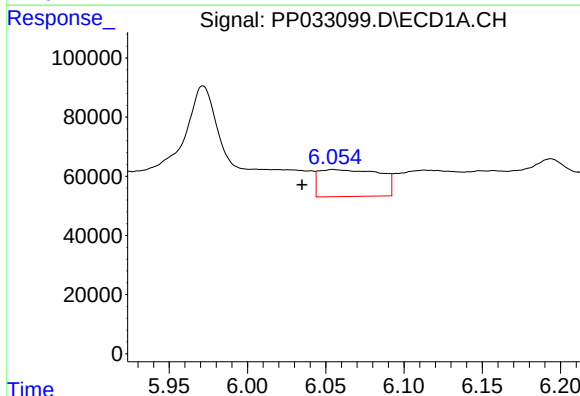
R.T.: 7.012 min  
Delta R.T.: 0.005 min  
Response: 99192  
Conc: 108.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



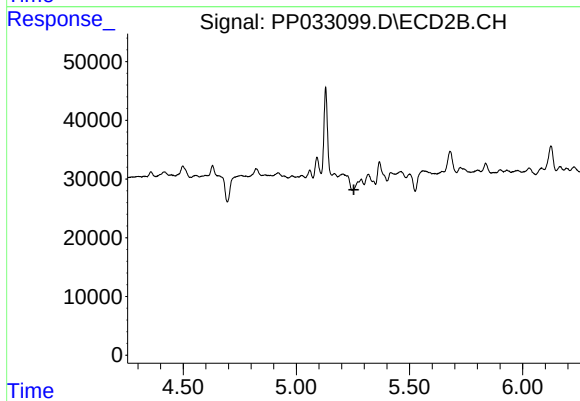
#20 AR-1242-5

R.T.: 6.125 min  
Delta R.T.: 0.001 min  
Response: 67481  
Conc: 74.46 ng/ml



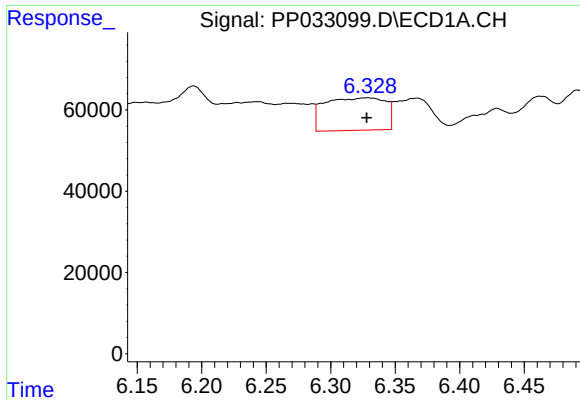
#21 AR-1248-1

R.T.: 6.055 min  
Delta R.T.: 0.020 min  
Response: 246904  
Conc: 277.43 ng/ml



#21 AR-1248-1

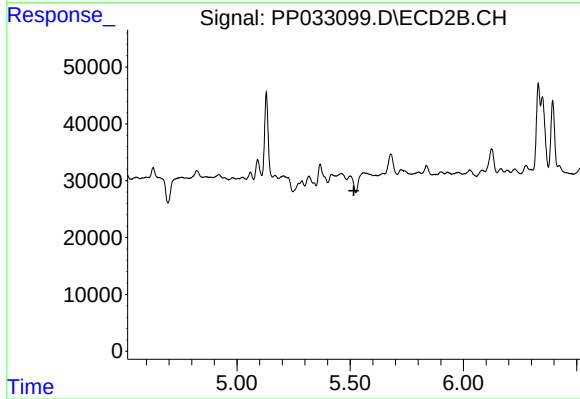
R.T.: 0.000 min  
Exp R.T.: 5.254 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

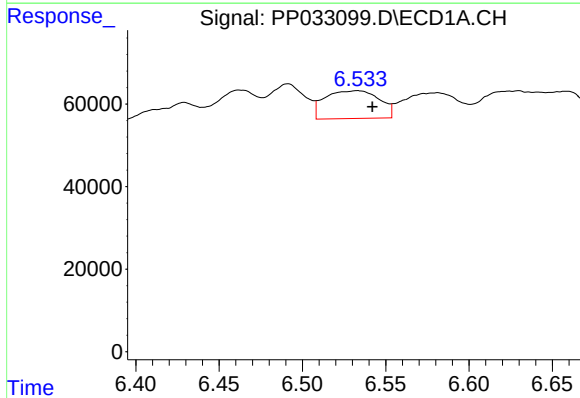
R.T.: 6.329 min  
Delta R.T.: 0.000 min  
Response: 261870  
Conc: 216.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



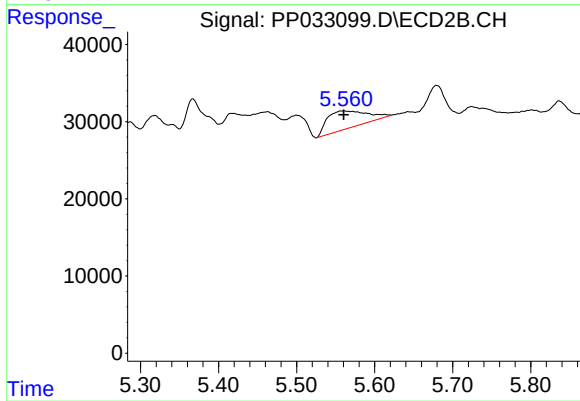
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.516 min  
Response: 0  
Conc: N.D.



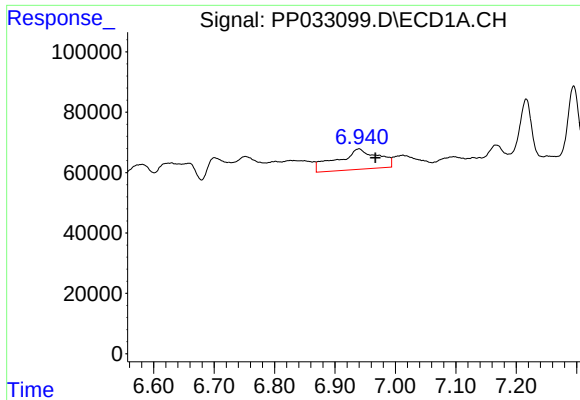
#23 AR-1248-3

R.T.: 6.533 min  
Delta R.T.: -0.009 min  
Response: 152822  
Conc: 101.58 ng/ml



#23 AR-1248-3

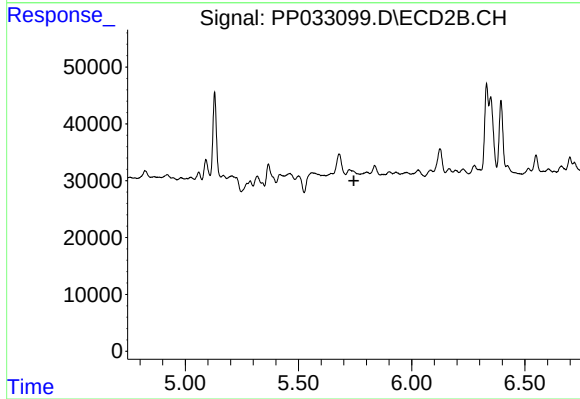
R.T.: 5.561 min  
Delta R.T.: 0.000 min  
Response: 82050  
Conc: 72.59 ng/ml



#24 AR-1248-4

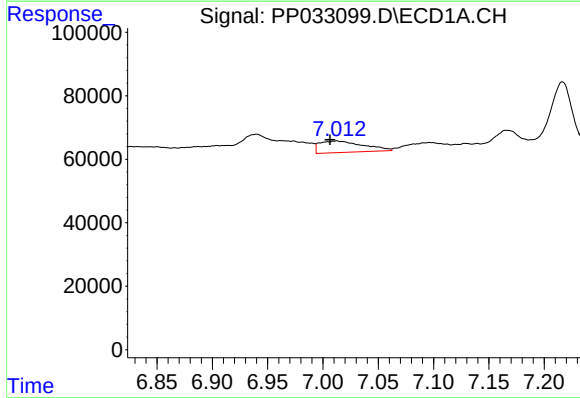
R.T.: 6.940 min  
Delta R.T.: -0.027 min  
Response: 318888  
Conc: 202.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



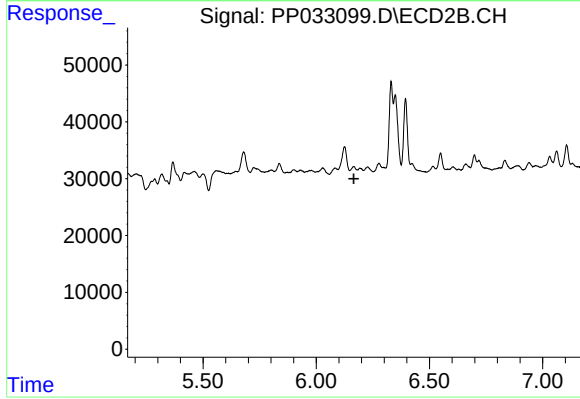
#24 AR-1248-4

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



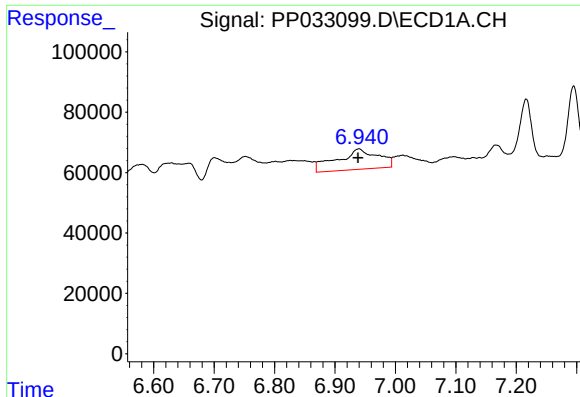
#25 AR-1248-5

R.T.: 7.012 min  
Delta R.T.: 0.006 min  
Response: 99192  
Conc: 64.09 ng/ml



#25 AR-1248-5

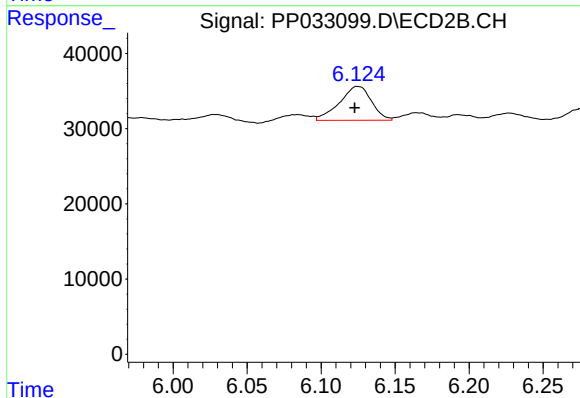
R.T.: 0.000 min  
Exp R.T. : 6.166 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

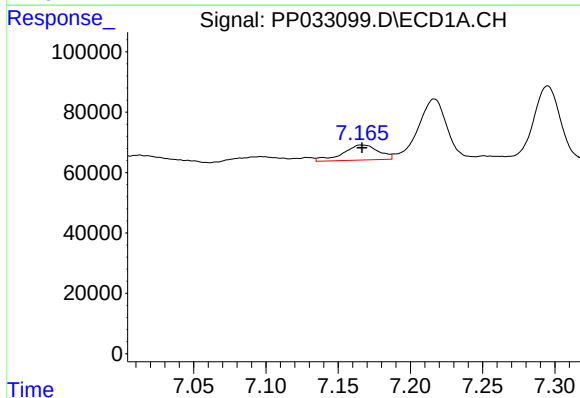
R.T.: 6.940 min  
Delta R.T.: 0.002 min  
Response: 318888  
Conc: 189.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



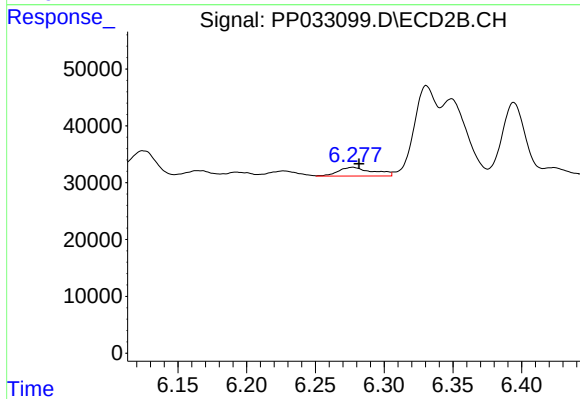
#26 AR-1254-1

R.T.: 6.125 min  
Delta R.T.: 0.002 min  
Response: 67481  
Conc: 33.67 ng/ml



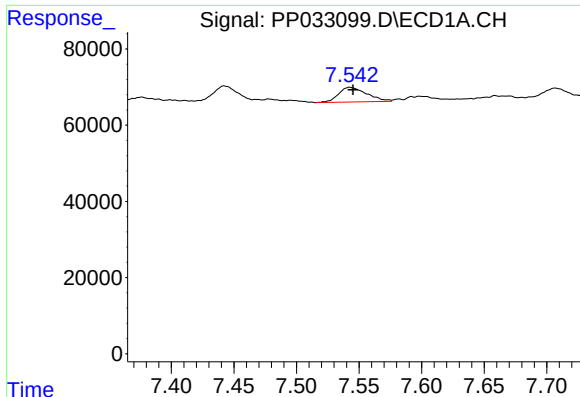
#27 AR-1254-2

R.T.: 7.166 min  
Delta R.T.: 0.000 min  
Response: 85113  
Conc: 32.96 ng/ml



#27 AR-1254-2

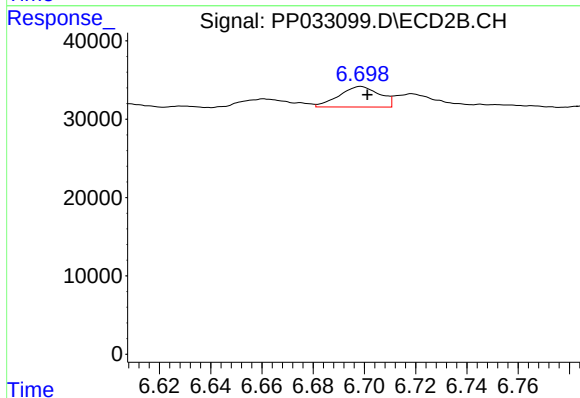
R.T.: 6.277 min  
Delta R.T.: -0.005 min  
Response: 26652  
Conc: 15.60 ng/ml



#28 AR-1254-3

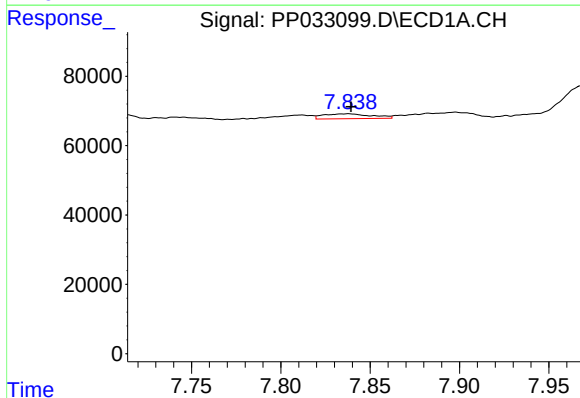
R.T.: 7.543 min  
Delta R.T.: -0.002 min  
Response: 60861  
Conc: 23.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



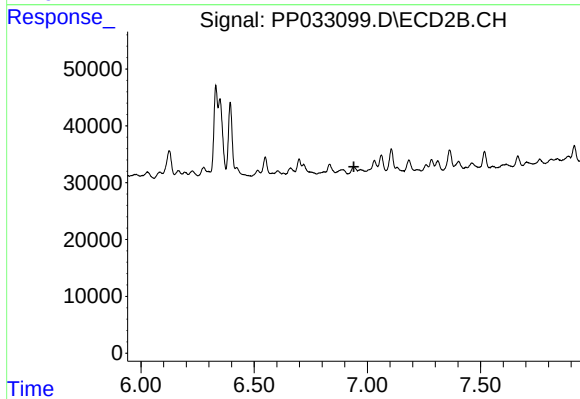
#28 AR-1254-3

R.T.: 6.699 min  
Delta R.T.: -0.003 min  
Response: 28664  
Conc: 10.54 ng/ml



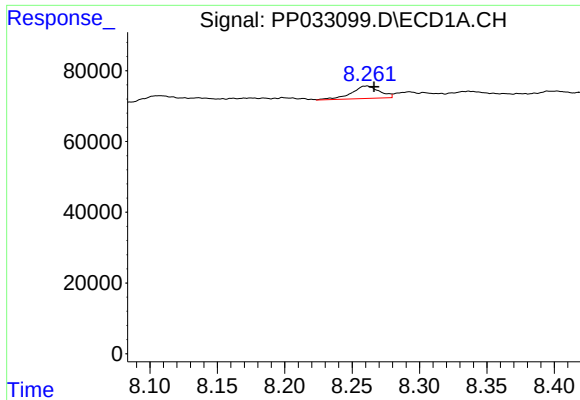
#29 AR-1254-4

R.T.: 7.838 min  
Delta R.T.: -0.001 min  
Response: 26760  
Conc: 15.17 ng/ml



#29 AR-1254-4

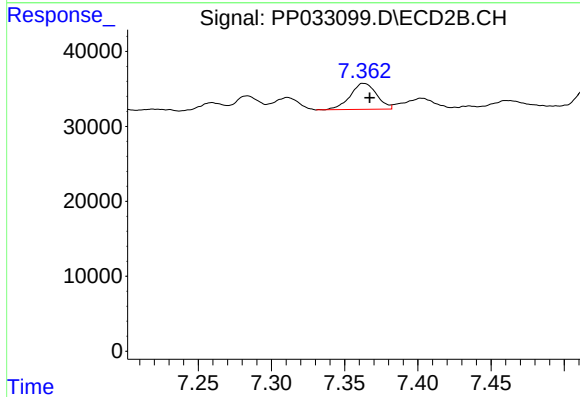
R.T.: 0.000 min  
Exp R.T. : 6.941 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

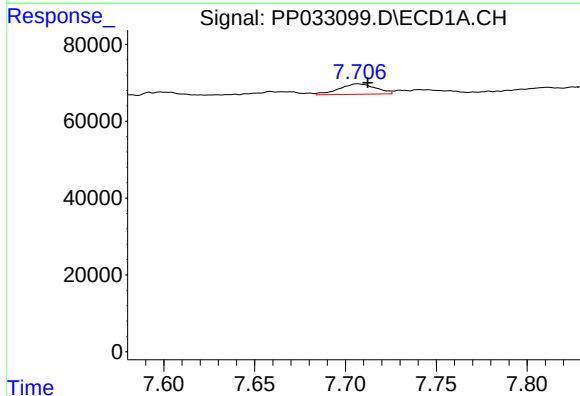
R.T.: 8.261 min  
Delta R.T.: -0.006 min  
Response: 51180  
Conc: 25.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



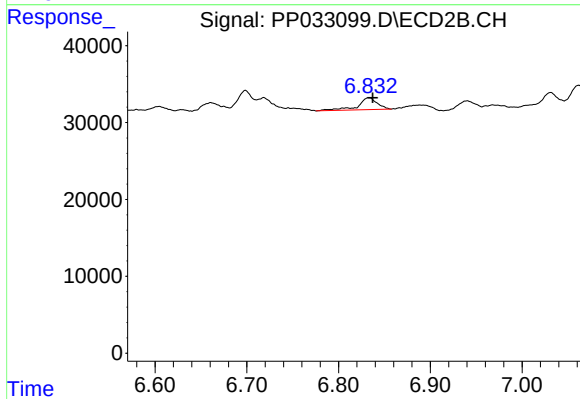
#30 AR-1254-5

R.T.: 7.363 min  
Delta R.T.: -0.004 min  
Response: 43842  
Conc: 19.41 ng/ml



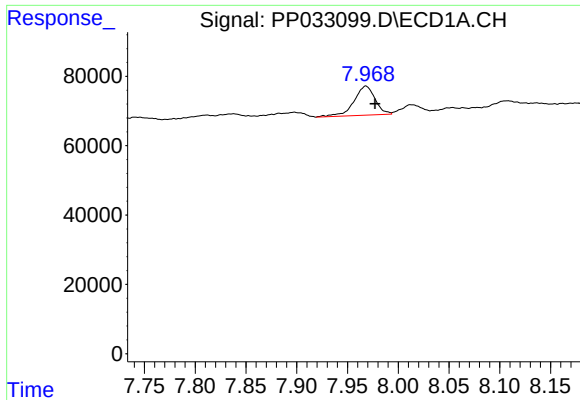
#31 AR-1260-1

R.T.: 7.707 min  
Delta R.T.: -0.005 min  
Response: 38341  
Conc: 20.74 ng/ml



#31 AR-1260-1

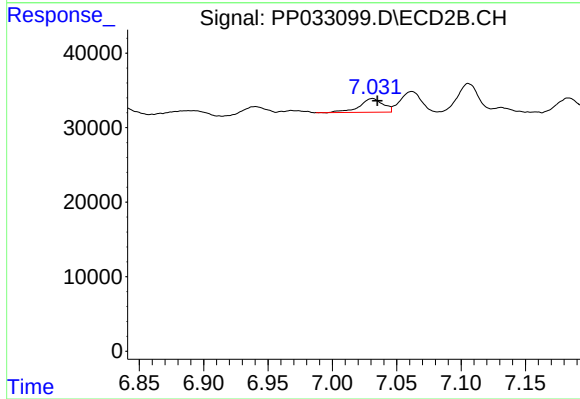
R.T.: 6.833 min  
Delta R.T.: -0.004 min  
Response: 22881  
Conc: 12.65 ng/ml



#32 AR-1260-2

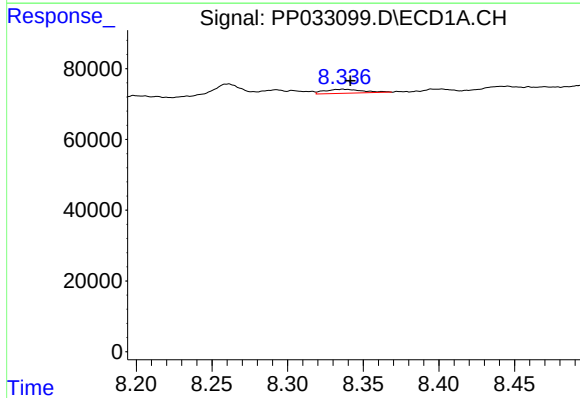
R.T.: 7.968 min  
Delta R.T.: -0.009 min  
Response: 121584  
Conc: 49.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



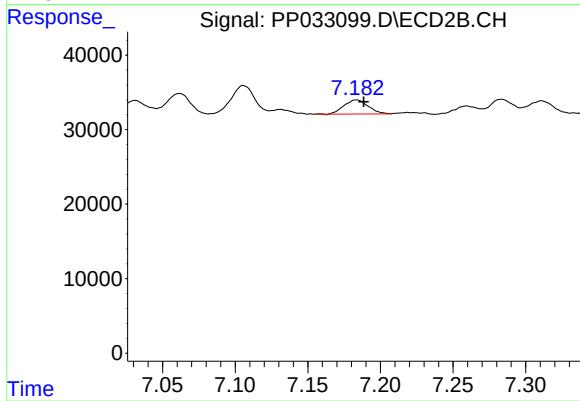
#32 AR-1260-2

R.T.: 7.031 min  
Delta R.T.: -0.004 min  
Response: 23538  
Conc: 11.37 ng/ml



#33 AR-1260-3

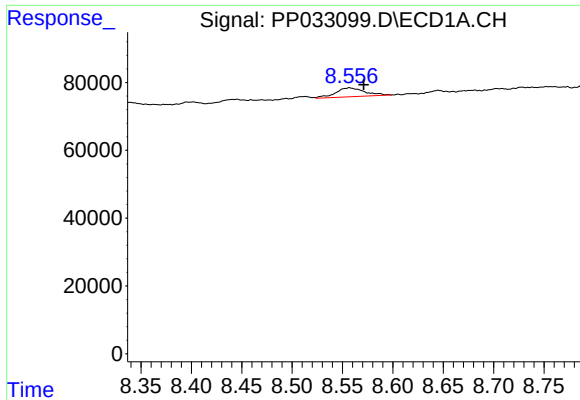
R.T.: 8.337 min  
Delta R.T.: -0.005 min  
Response: 19596  
Conc: 9.18 ng/ml



#33 AR-1260-3

R.T.: 7.184 min  
Delta R.T.: -0.005 min  
Response: 21875  
Conc: 10.12 ng/ml

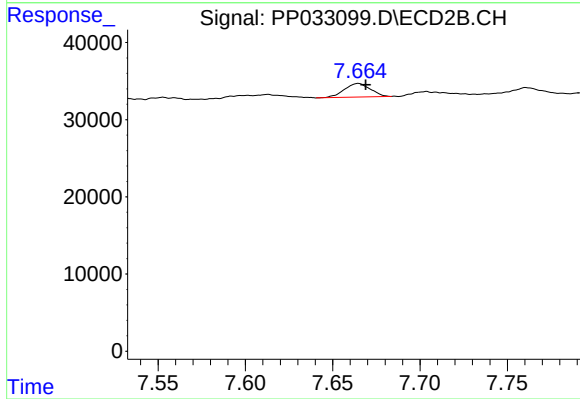




#34 AR-1260-4

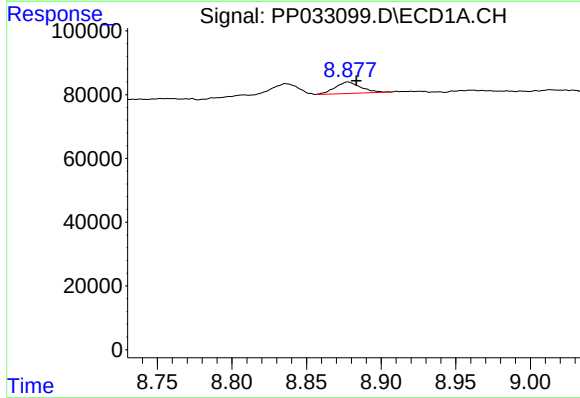
R.T.: 8.557 min  
Delta R.T.: -0.014 min  
Response: 53223  
Conc: 26.07 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



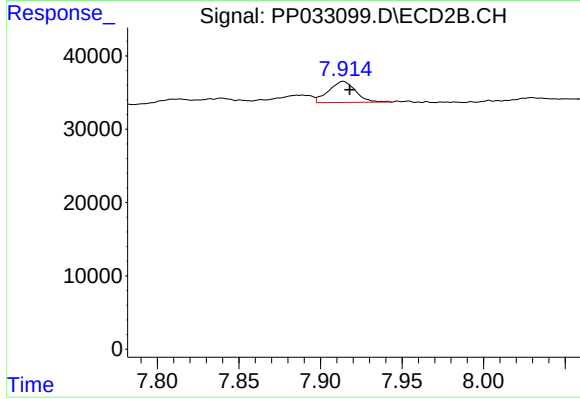
#34 AR-1260-4

R.T.: 7.665 min  
Delta R.T.: -0.004 min  
Response: 18218  
Conc: 10.65 ng/ml



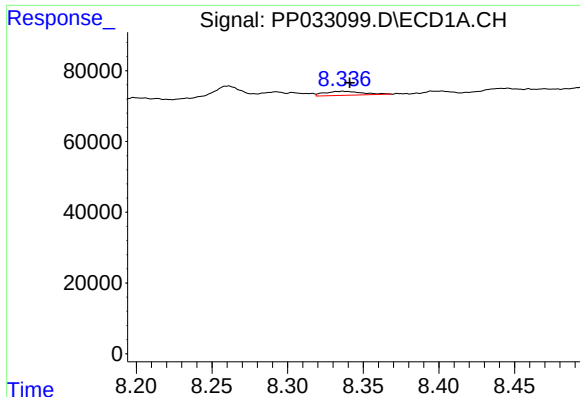
#35 AR-1260-5

R.T.: 8.878 min  
Delta R.T.: -0.006 min  
Response: 43412  
Conc: 9.78 ng/ml



#35 AR-1260-5

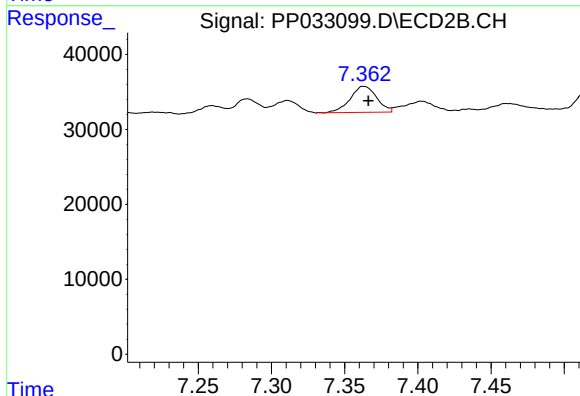
R.T.: 7.914 min  
Delta R.T.: -0.004 min  
Response: 33031  
Conc: 8.60 ng/ml



#36 AR-1262-1

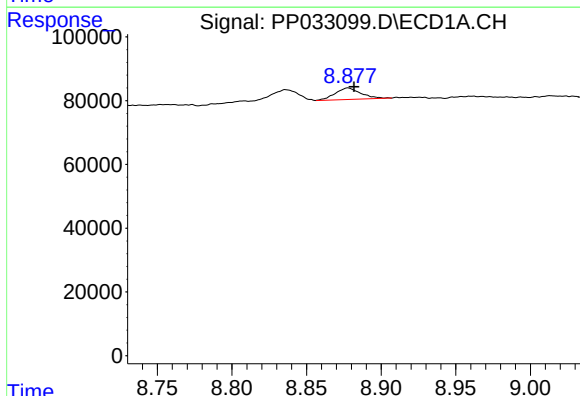
R.T.: 8.337 min  
Delta R.T.: -0.004 min  
Response: 19596  
Conc: 6.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



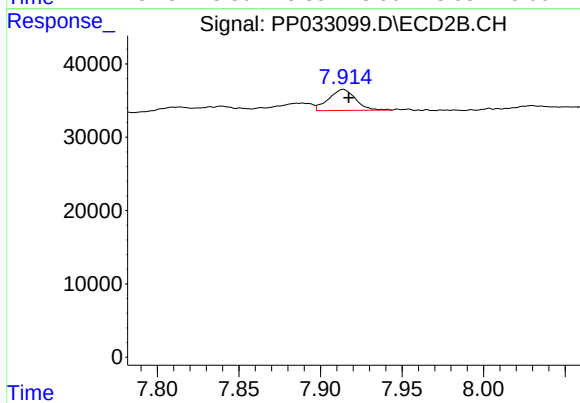
#36 AR-1262-1

R.T.: 7.363 min  
Delta R.T.: -0.003 min  
Response: 43842  
Conc: 37.11 ng/ml



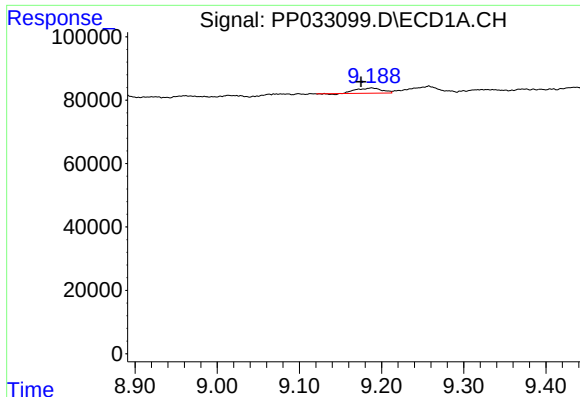
#37 AR-1262-2

R.T.: 8.878 min  
Delta R.T.: -0.004 min  
Response: 43412  
Conc: 9.11 ng/ml



#37 AR-1262-2

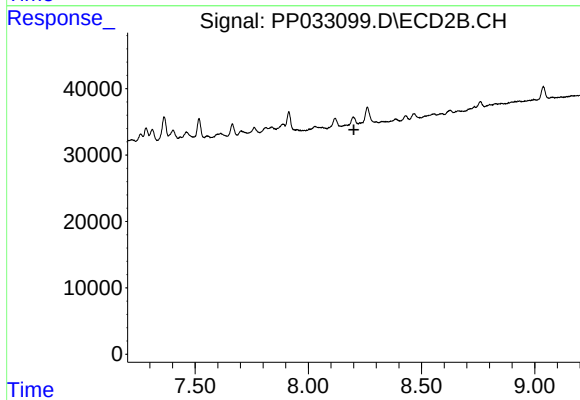
R.T.: 7.914 min  
Delta R.T.: -0.003 min  
Response: 33031  
Conc: 8.46 ng/ml



#38 AR-1262-3

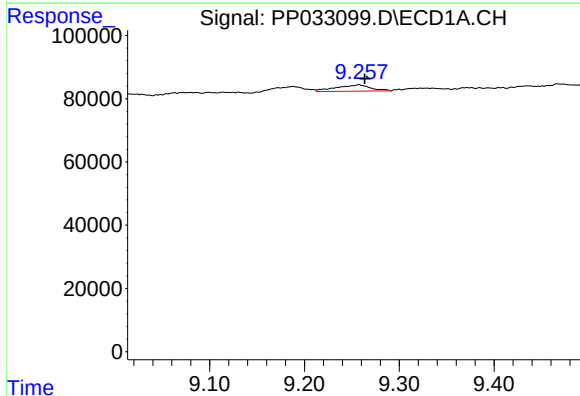
R.T.: 9.188 min  
Delta R.T.: 0.013 min  
Response: 35204  
Conc: 10.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



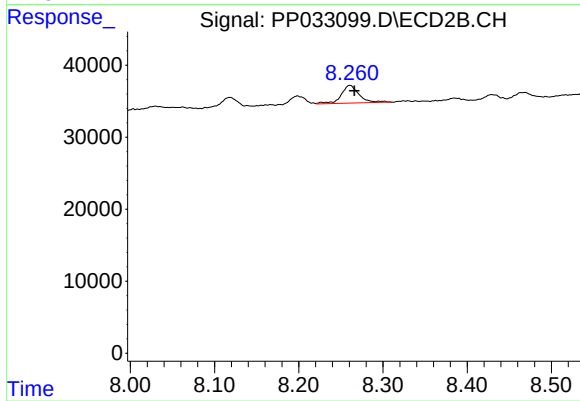
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.201 min  
Response: 0  
Conc: N.D.



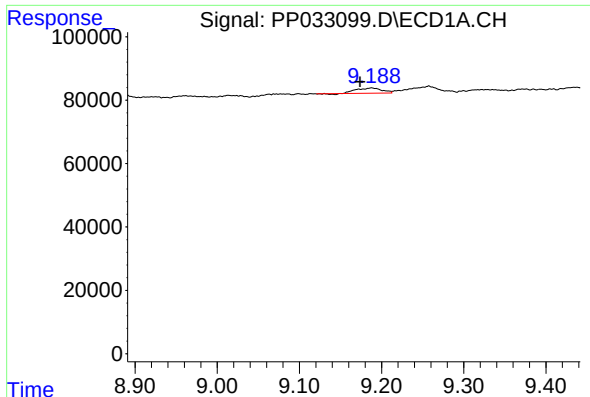
#39 AR-1262-4

R.T.: 9.257 min  
Delta R.T.: -0.006 min  
Response: 50033  
Conc: 18.01 ng/ml



#39 AR-1262-4

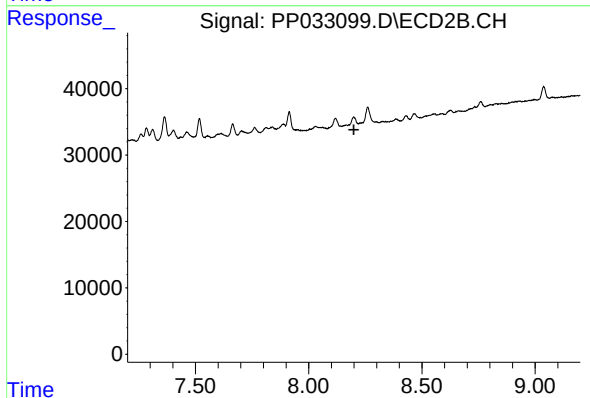
R.T.: 8.261 min  
Delta R.T.: -0.005 min  
Response: 36794  
Conc: 11.75 ng/ml



#41 AR-1268-1

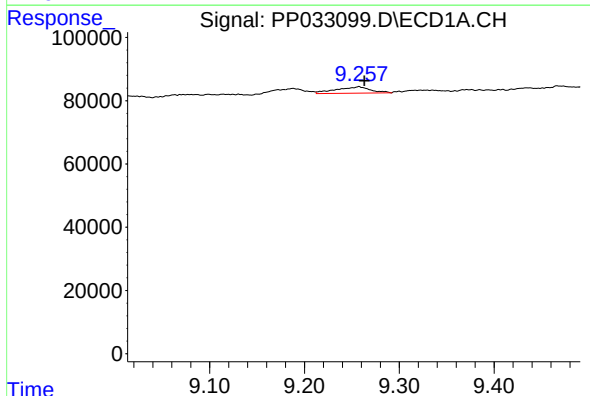
R.T.: 9.188 min  
Delta R.T.: 0.014 min  
Response: 35204  
Conc: 5.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



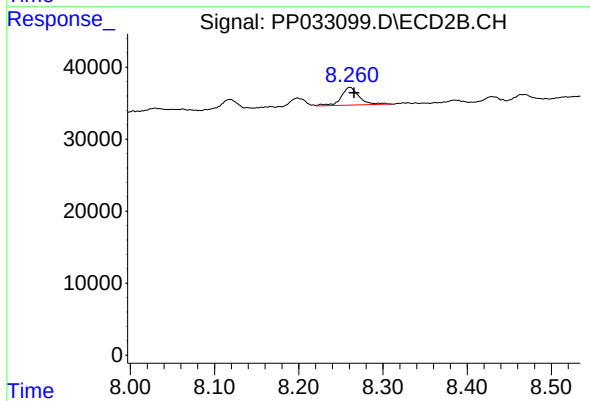
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.200 min  
Response: 0  
Conc: N.D.



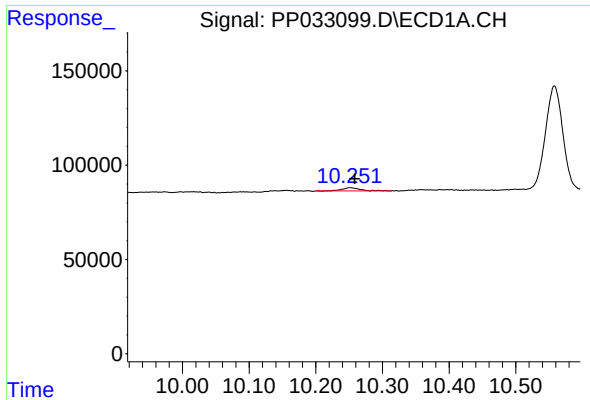
#42 AR-1268-2

R.T.: 9.257 min  
Delta R.T.: -0.006 min  
Response: 50033  
Conc: 8.95 ng/ml



#42 AR-1268-2

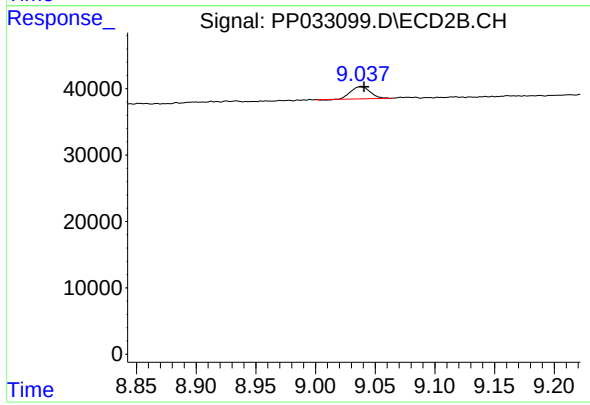
R.T.: 8.261 min  
Delta R.T.: -0.005 min  
Response: 36794  
Conc: 8.20 ng/ml



#45 AR-1268-5

R.T.: 10.251 min  
Delta R.T.: -0.007 min  
Response: 33142  
Conc: 2.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CL-02-012821



#45 AR-1268-5

R.T.: 9.038 min  
Delta R.T.: -0.003 min  
Response: 20464  
Conc: 1.81 ng/ml