

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP100721\  
 Data File : PP039865.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 07 Oct 2021 20:45  
 Operator : AJ\MA  
 Sample : M4104-01  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 08 05:16:20 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP100621.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 08 04:46:38 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... | 4.900  | 3.986  | 665274 | 274293 | 21.852  | 16.408     |
| 2)                          | SA Decachlor... | 10.922 | 9.319  | 418184 | 403630 | 18.601  | 17.993     |
|                             |                 |        |        |        |        |         |            |
| Target Compounds            |                 |        |        |        |        |         |            |
| 3)                          | L1 AR-1016-1    | 6.206f | 5.252  | 37708  | 21217  | 36.597  | 31.364     |
| 4)                          | L1 AR-1016-2    | 6.260f | 5.286f | 26109  | 27324  | 17.490  | 29.534 #   |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.460  | 0      | 23722  | N.D.    | 45.517 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.499f | 0      | 148936 | N.D.    | 344.004 #  |
| 7)                          | L1 AR-1016-5    | 6.738  | 0.000  | 22964  | 0      | 30.367  | N.D. #     |
| 8)                          | L2 AR-1221-1    | 5.152  | 0.000  | 292832 | 0      | 845.015 | N.D. #     |
| 9)                          | L2 AR-1221-2    | 5.250  | 4.339  | 54285  | 42208  | 197.289 | 247.363 #  |
| 10)                         | L2 AR-1221-3    | 5.351f | 4.428  | 147741 | 430482 | 177.420 | 803.981 #  |
| 11)                         | L3 AR-1232-1    | 5.351f | 4.428  | 147741 | 430482 | 239.096 | 1075.052 # |
| 12)                         | L3 AR-1232-2    | 5.911  | 5.286f | 99807  | 27324  | 292.236 | 69.012 #   |
| 13)                         | L3 AR-1232-3    | 6.260f | 5.460  | 26109  | 23722  | 41.102  | 106.096 #  |
| 15)                         | L3 AR-1232-5    | 6.492f | 0.000  | 22846  | 0      | 102.024 | N.D. #     |
| 16)                         | L4 AR-1242-1    | 6.206  | 5.252  | 37708  | 21217  | 49.078  | 41.383     |
| 17)                         | L4 AR-1242-2    | 6.260f | 5.286f | 26109  | 27324  | 23.542  | 39.201 #   |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.460  | 0      | 23722  | N.D.    | 60.605 #   |
| 20)                         | L4 AR-1242-5    | 7.198  | 6.119  | 212423 | 35509  | 361.541 | 71.428 #   |
| 21)                         | L5 AR-1248-1    | 6.206f | 5.252  | 37708  | 21217  | 61.375  | 51.510     |
| 22)                         | L5 AR-1248-2    | 6.492f | 5.499f | 22846  | 148936 | 28.939  | 253.935 #  |
| 23)                         | L5 AR-1248-3    | 6.738  | 0.000  | 22964  | 0      | 23.859  | N.D. #     |
| 24)                         | L5 AR-1248-4    | 7.167  | 0.000  | 90014  | 0      | 86.731  | N.D. #     |
| 25)                         | L5 AR-1248-5    | 7.198  | 6.162  | 212423 | 20081  | 211.544 | 31.306 #   |
| 26)                         | L6 AR-1254-1    | 0.000  | 6.119  | 0      | 35509  | N.D.    | 36.031 #   |
| 27)                         | L6 AR-1254-2    | 7.377  | 6.315f | 65279  | 14598  | 40.611  | 16.030 #   |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.692f | 0      | 183918 | N.D.    | 130.944 #  |
| 29)                         | L6 AR-1254-4    | 8.034  | 6.971f | 120147 | 31961  | 98.883  | 36.254 #   |
| 30)                         | L6 AR-1254-5    | 8.500f | 7.380  | 29318  | 11286  | 23.049  | 8.427 #    |
| 31)                         | L7 AR-1260-1    | 7.891f | 6.836  | 26585  | 34037  | 20.168  | 32.416 #   |
| 32)                         | L7 AR-1260-2    | 8.202f | 0.000  | 49935  | 0      | 31.129  | N.D. #     |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.198  | 0      | 36454  | N.D.    | 27.493 #   |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.665f | 0      | 10020  | N.D.    | 10.800 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.948  | 0      | 28323  | N.D.    | 13.571 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.380  | 0      | 11286  | N.D.    | 15.688 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.948  | 0      | 28323  | N.D.    | 12.264 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.223  | 0      | 27329  | N.D.    | 26.650 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.223  | 0      | 27329  | N.D.    | 9.359 #    |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.526f | 0      | 8695   | N.D.    | 3.713 #    |
| -----                       |                 |        |        |        |        |         |            |

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

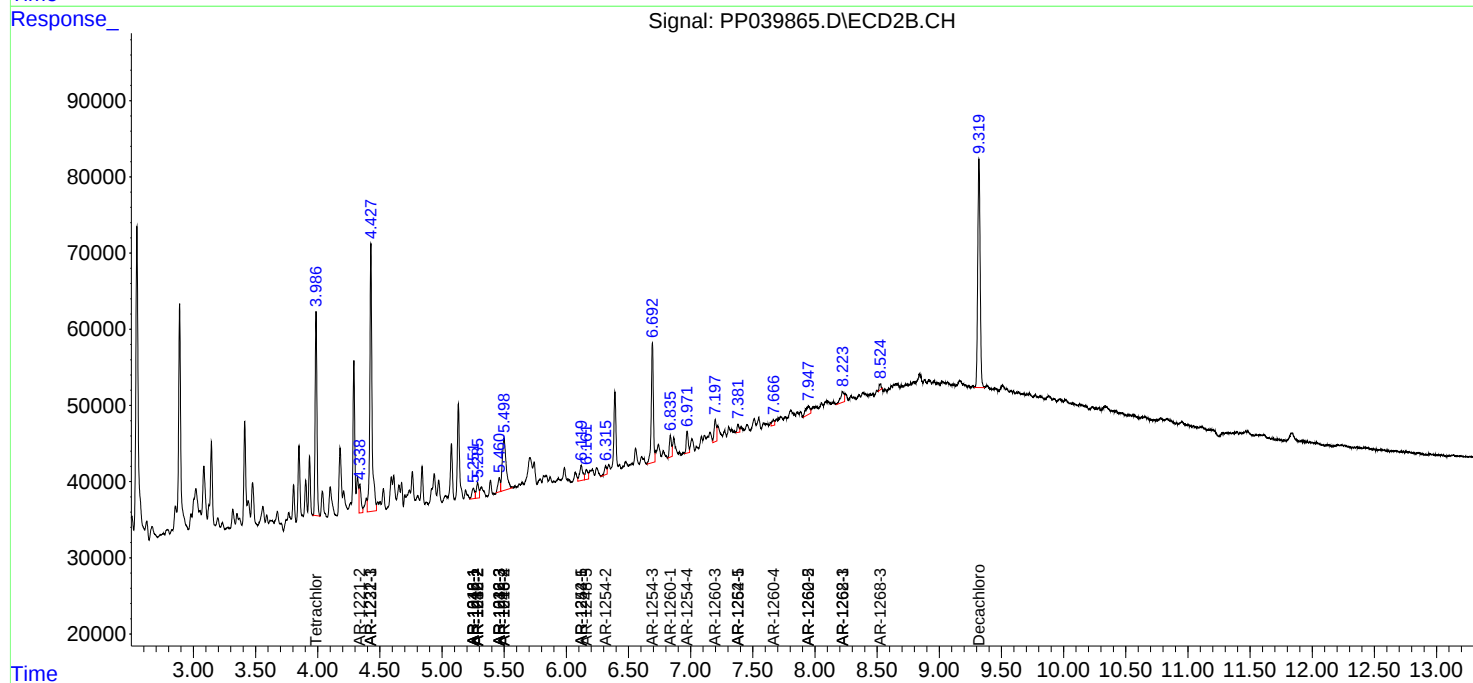
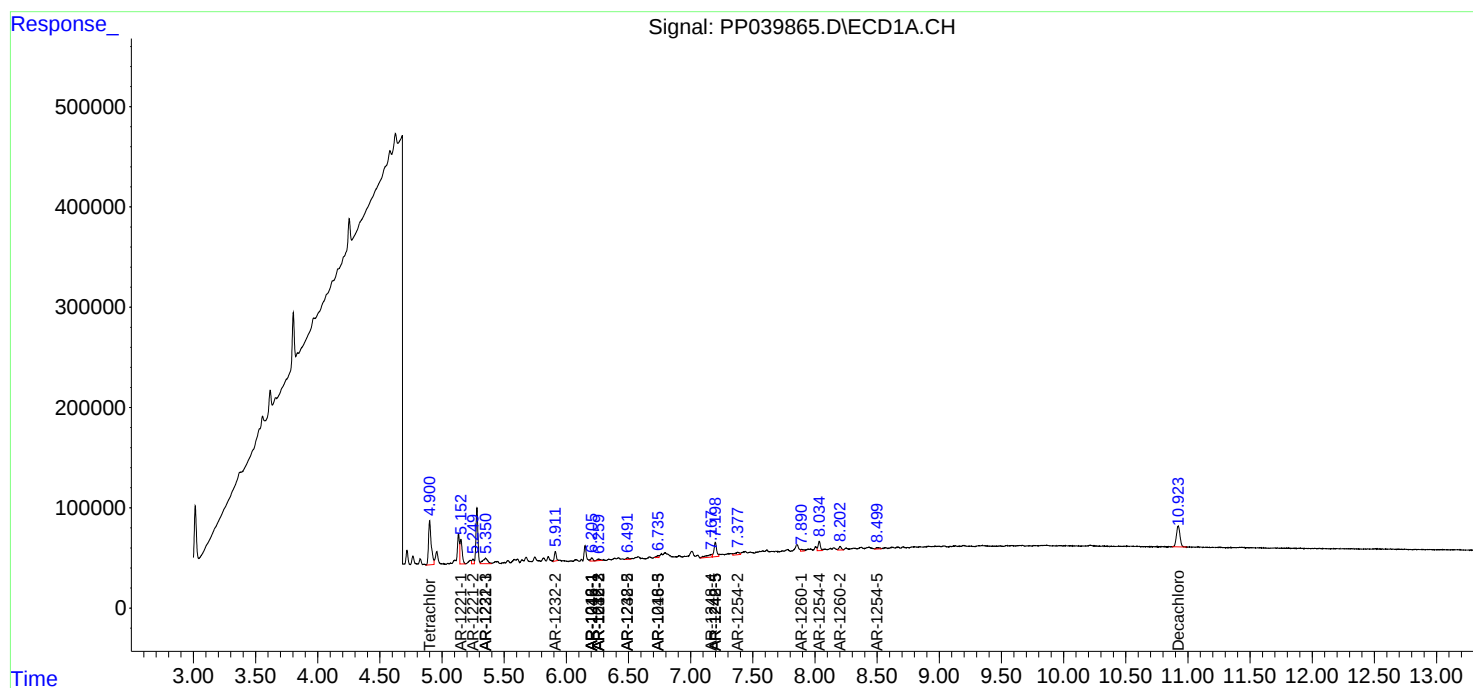
Instrument :  
ECD\_P  
ClientSampleId :

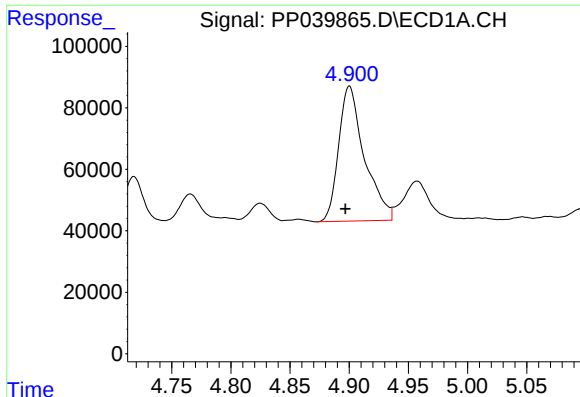
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP100721\  
Data File : PP039865.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 07 Oct 2021 20:45  
Operator : AJ\MA  
Sample : M4104-01  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 08 05:16:20 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP100621.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 08 04:46:38 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

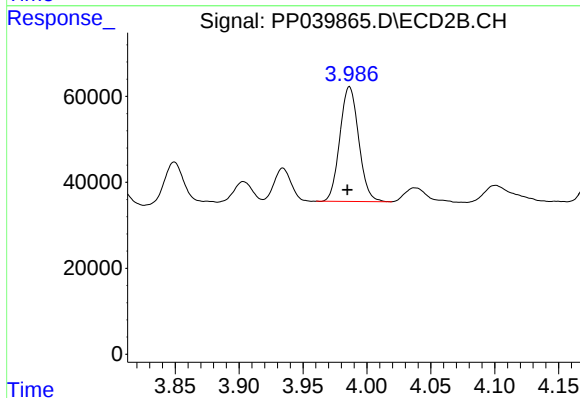




#1 Tetrachloro-m-xylene

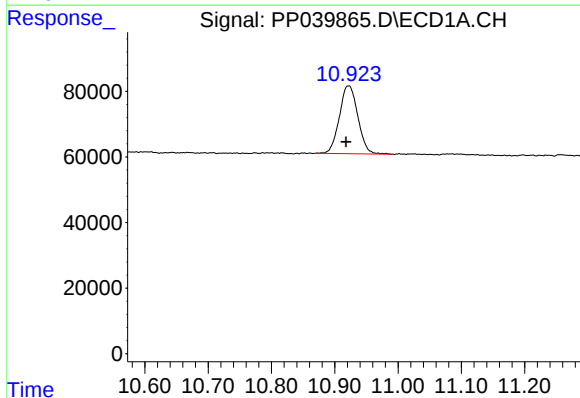
R.T.: 4.900 min  
Delta R.T.: 0.003 min  
Response: 665274  
Conc: 21.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



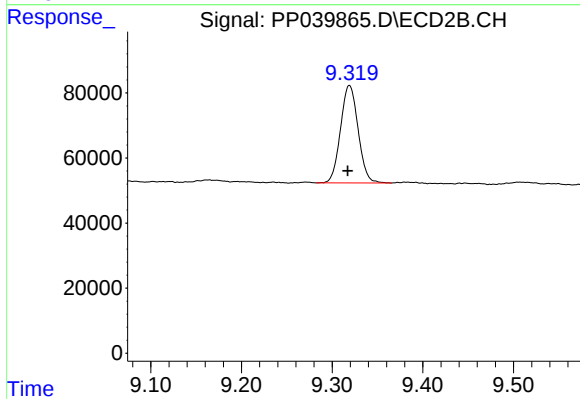
#1 Tetrachloro-m-xylene

R.T.: 3.986 min  
Delta R.T.: 0.002 min  
Response: 274293  
Conc: 16.41 ng/ml



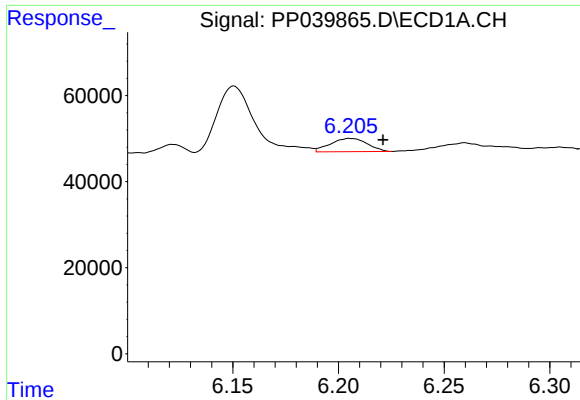
#2 Decachlorobiphenyl

R.T.: 10.922 min  
Delta R.T.: 0.004 min  
Response: 418184  
Conc: 18.60 ng/ml



#2 Decachlorobiphenyl

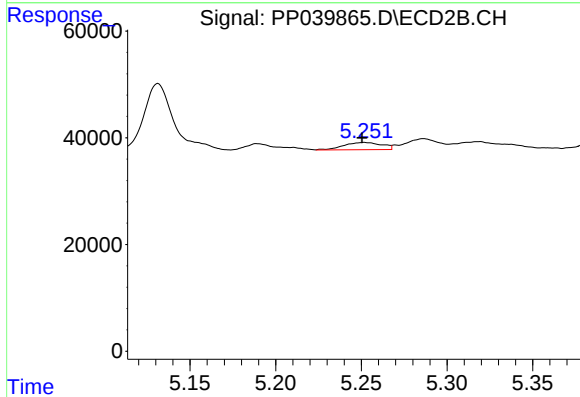
R.T.: 9.319 min  
Delta R.T.: 0.002 min  
Response: 403630  
Conc: 17.99 ng/ml



#3 AR-1016-1

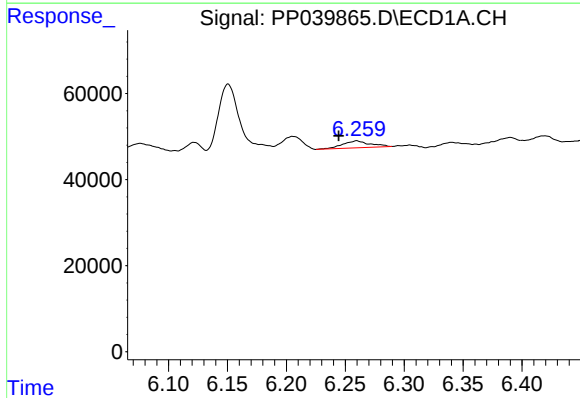
R.T.: 6.206 min  
Delta R.T.: -0.015 min  
Response: 37708  
Conc: 36.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



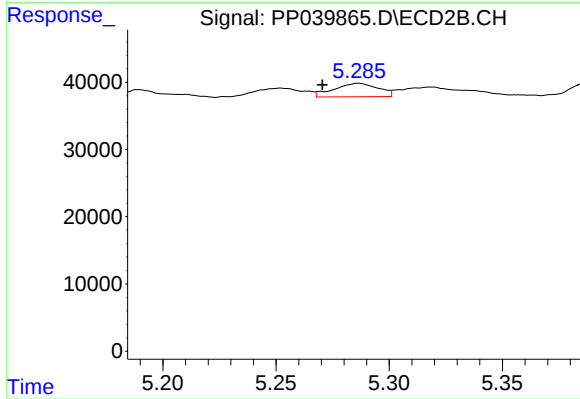
#3 AR-1016-1

R.T.: 5.252 min  
Delta R.T.: 0.002 min  
Response: 21217  
Conc: 31.36 ng/ml



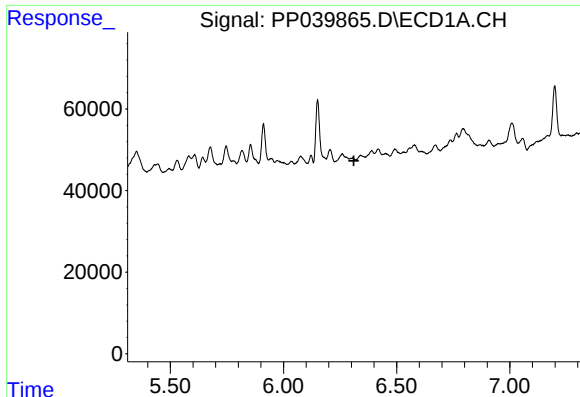
#4 AR-1016-2

R.T.: 6.260 min  
Delta R.T.: 0.015 min  
Response: 26109  
Conc: 17.49 ng/ml



#4 AR-1016-2

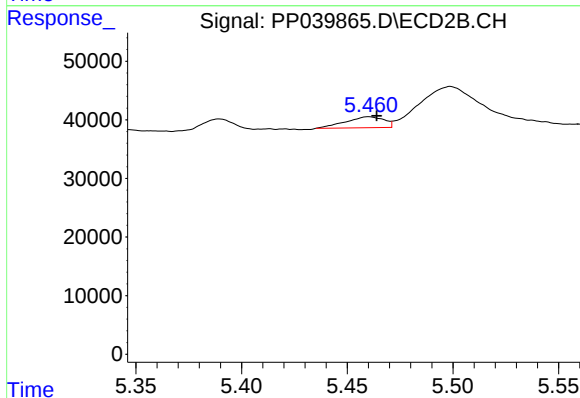
R.T.: 5.286 min  
Delta R.T.: 0.016 min  
Response: 27324  
Conc: 29.53 ng/ml



#5 AR-1016-3

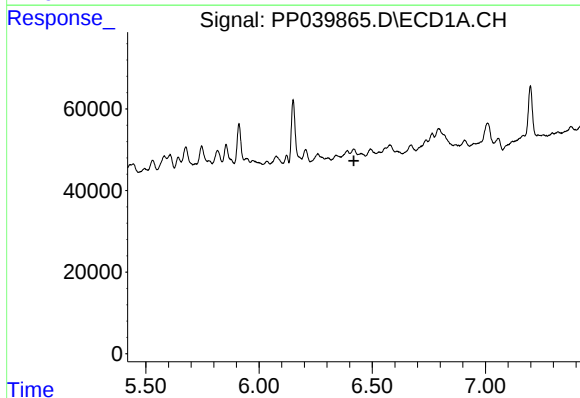
R.T.: 0.000 min  
Exp R.T.: 6.311 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



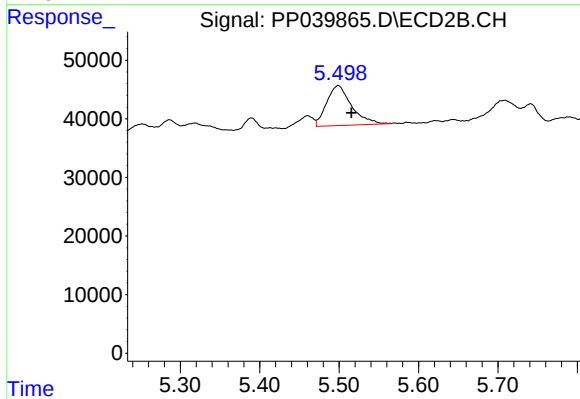
#5 AR-1016-3

R.T.: 5.460 min  
Delta R.T.: -0.004 min  
Response: 23722  
Conc: 45.52 ng/ml



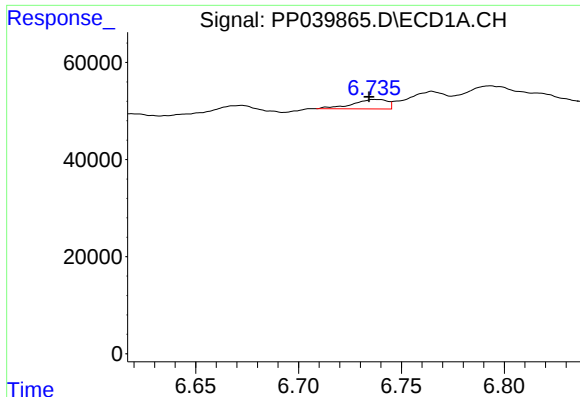
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 6.419 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

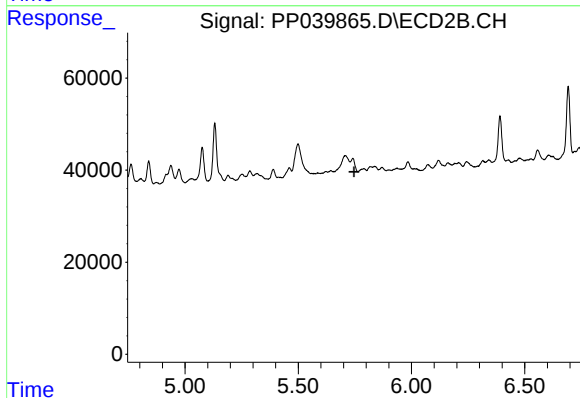
R.T.: 5.499 min  
Delta R.T.: -0.017 min  
Response: 148936  
Conc: 344.00 ng/ml



#7 AR-1016-5

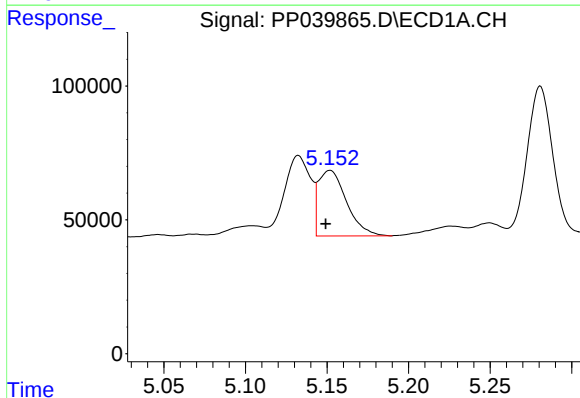
R.T.: 6.738 min  
Delta R.T.: 0.004 min  
Response: 22964  
Conc: 30.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



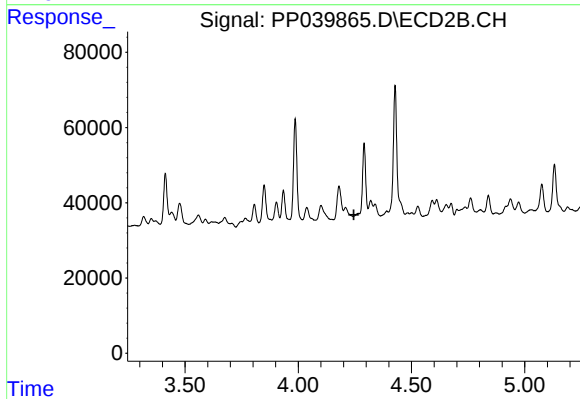
#7 AR-1016-5

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



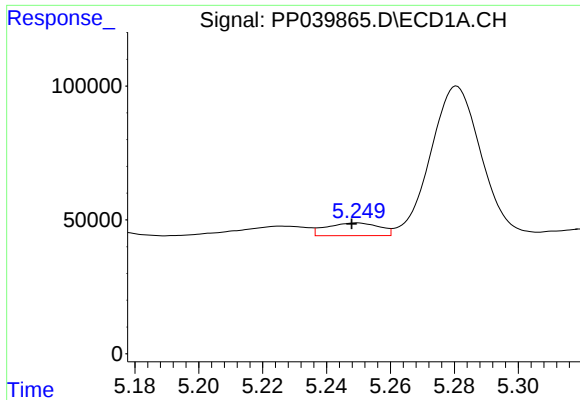
#8 AR-1221-1

R.T.: 5.152 min  
Delta R.T.: 0.003 min  
Response: 292832  
Conc: 845.02 ng/ml



#8 AR-1221-1

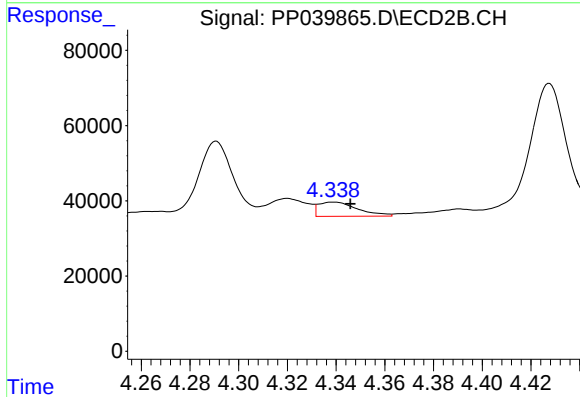
R.T.: 0.000 min  
Exp R.T. : 4.246 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

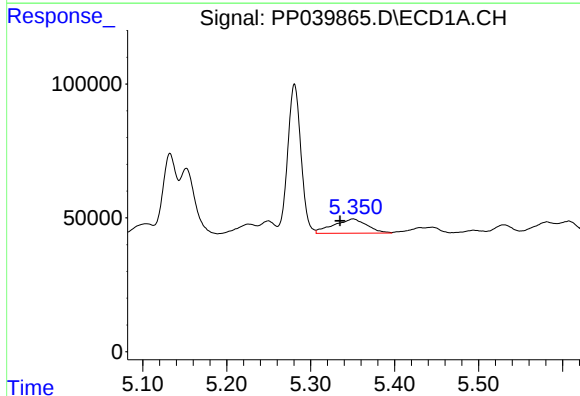
R.T.: 5.250 min  
Delta R.T.: 0.002 min  
Response: 54285  
Conc: 197.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



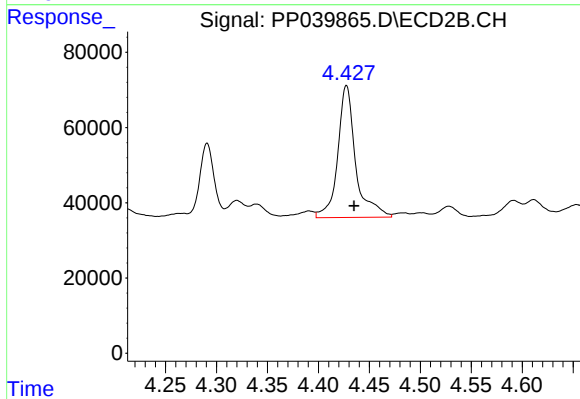
#9 AR-1221-2

R.T.: 4.339 min  
Delta R.T.: -0.007 min  
Response: 42208  
Conc: 247.36 ng/ml



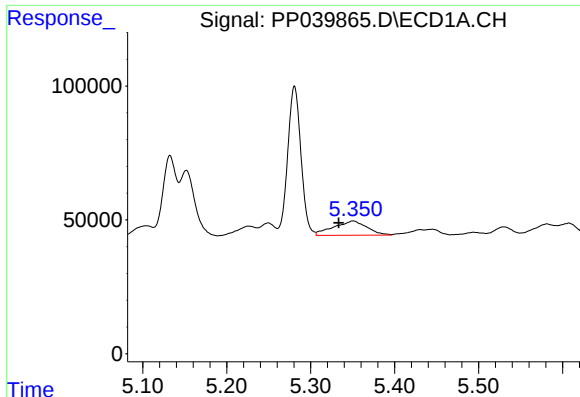
#10 AR-1221-3

R.T.: 5.351 min  
Delta R.T.: 0.016 min  
Response: 147741  
Conc: 177.42 ng/ml



#10 AR-1221-3

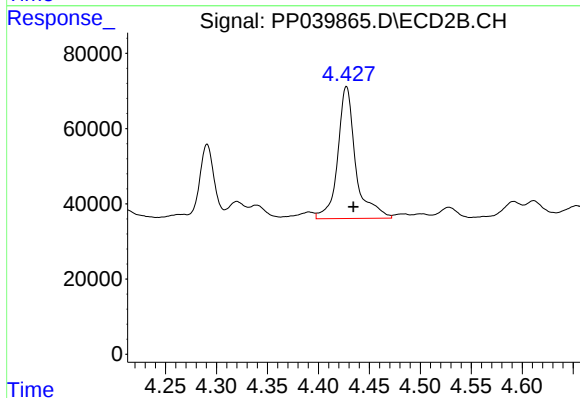
R.T.: 4.428 min  
Delta R.T.: -0.007 min  
Response: 430482  
Conc: 803.98 ng/ml



#11 AR-1232-1

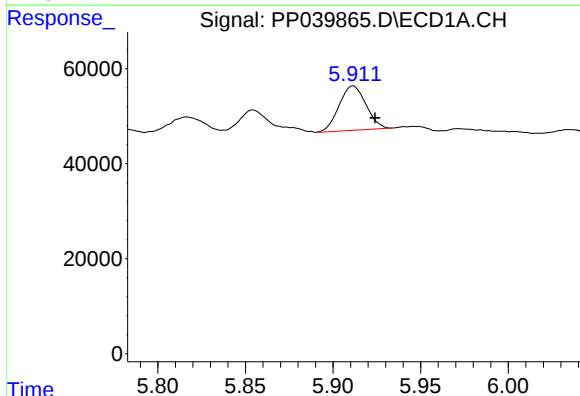
R.T.: 5.351 min  
Delta R.T.: 0.017 min  
Response: 147741  
Conc: 239.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



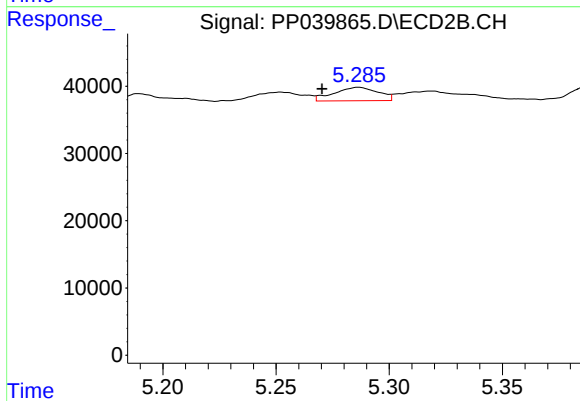
#11 AR-1232-1

R.T.: 4.428 min  
Delta R.T.: -0.007 min  
Response: 430482  
Conc: 1075.05 ng/ml



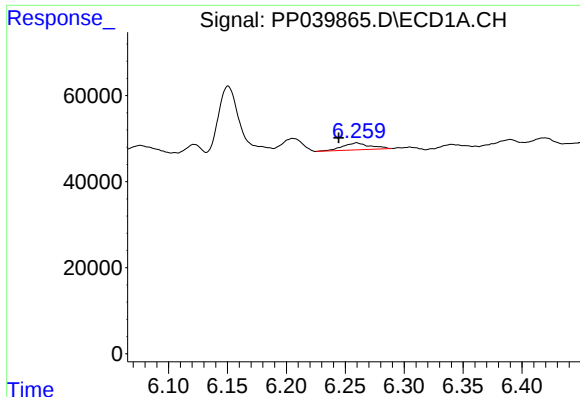
#12 AR-1232-2

R.T.: 5.911 min  
Delta R.T.: -0.013 min  
Response: 99807  
Conc: 292.24 ng/ml



#12 AR-1232-2

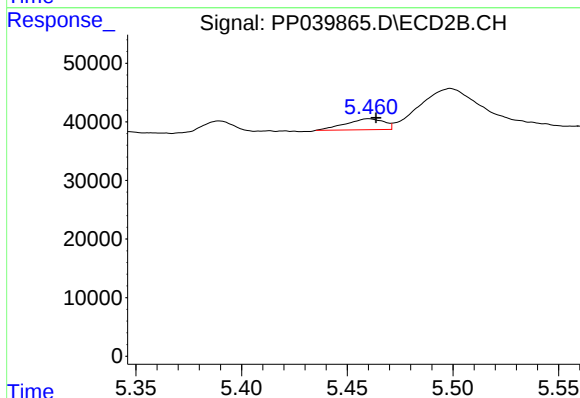
R.T.: 5.286 min  
Delta R.T.: 0.016 min  
Response: 27324  
Conc: 69.01 ng/ml



#13 AR-1232-3

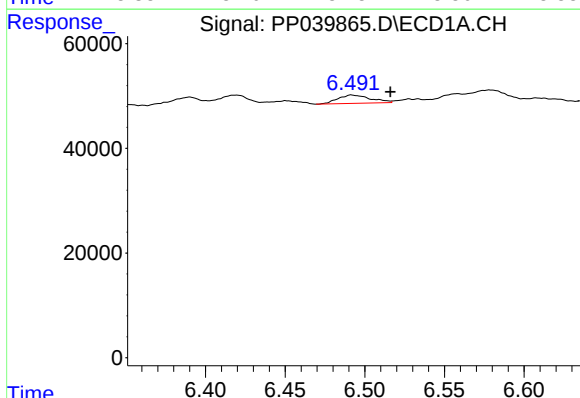
R.T.: 6.260 min  
Delta R.T.: 0.015 min  
Response: 26109  
Conc: 41.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



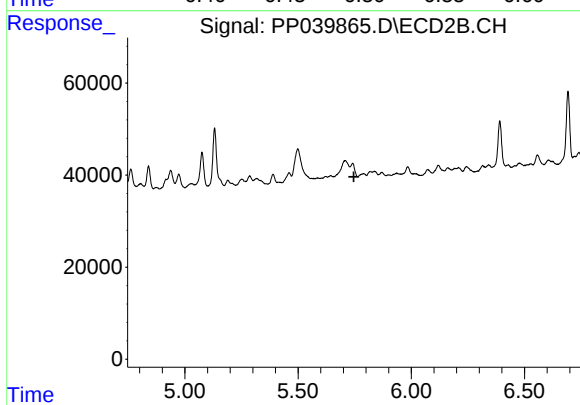
#13 AR-1232-3

R.T.: 5.460 min  
Delta R.T.: -0.003 min  
Response: 23722  
Conc: 106.10 ng/ml



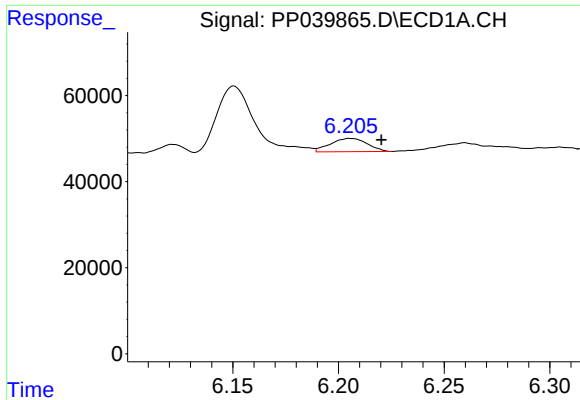
#15 AR-1232-5

R.T.: 6.492 min  
Delta R.T.: -0.024 min  
Response: 22846  
Conc: 102.02 ng/ml



#15 AR-1232-5

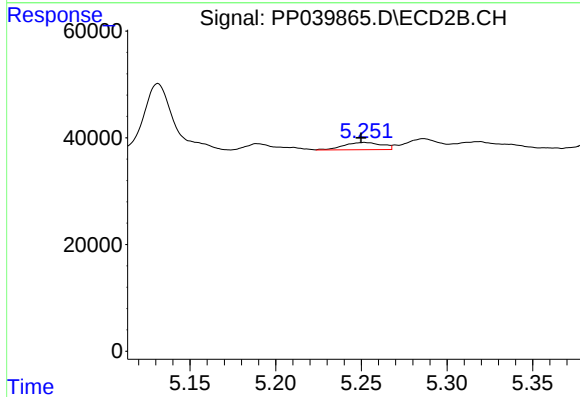
R.T.: 0.000 min  
Exp R.T.: 5.746 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

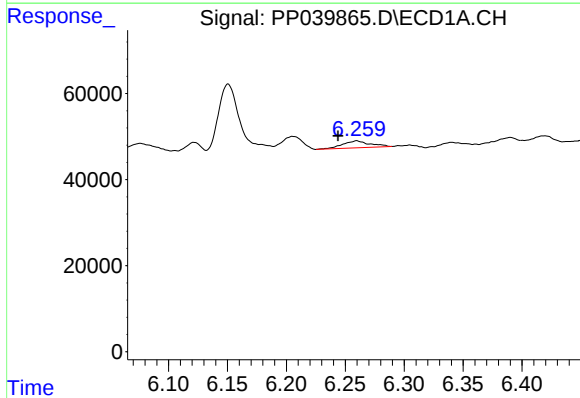
R.T.: 6.206 min  
Delta R.T.: -0.015 min  
Response: 37708  
Conc: 49.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



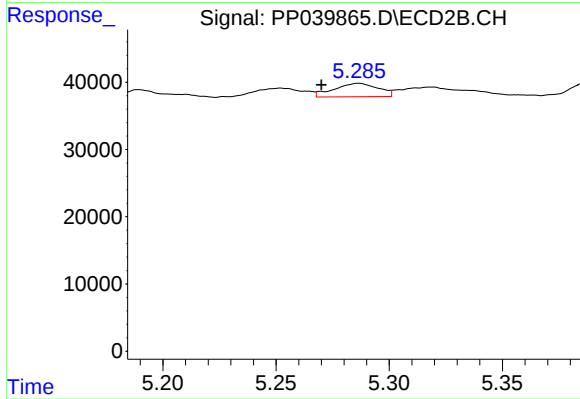
#16 AR-1242-1

R.T.: 5.252 min  
Delta R.T.: 0.002 min  
Response: 21217  
Conc: 41.38 ng/ml



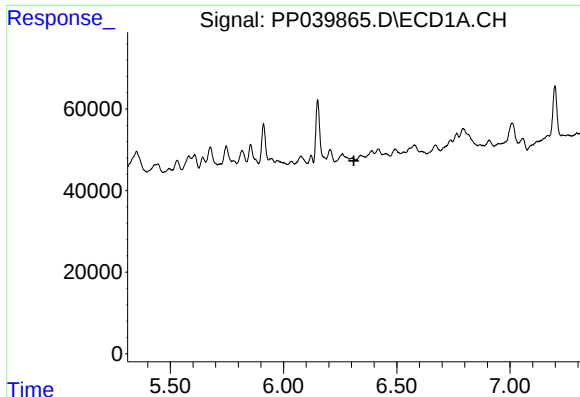
#17 AR-1242-2

R.T.: 6.260 min  
Delta R.T.: 0.016 min  
Response: 26109  
Conc: 23.54 ng/ml



#17 AR-1242-2

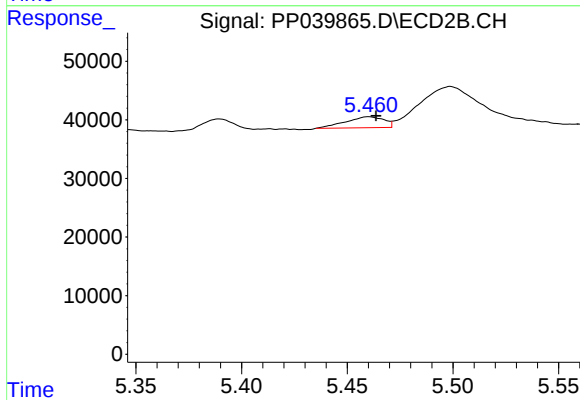
R.T.: 5.286 min  
Delta R.T.: 0.016 min  
Response: 27324  
Conc: 39.20 ng/ml



#18 AR-1242-3

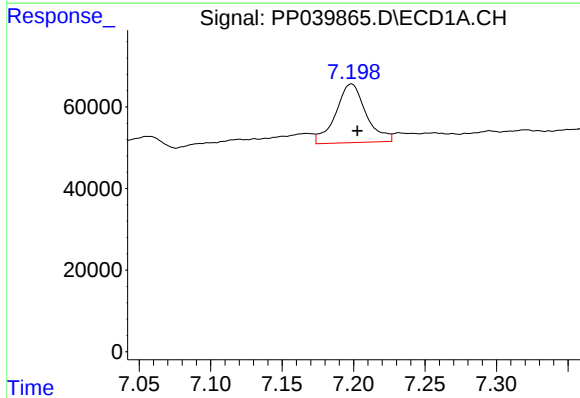
R.T.: 0.000 min  
Exp R.T.: 6.310 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



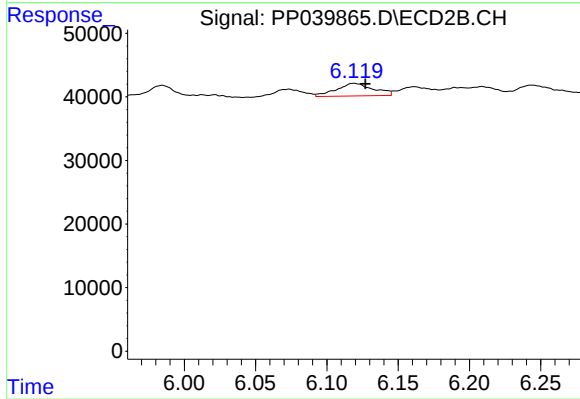
#18 AR-1242-3

R.T.: 5.460 min  
Delta R.T.: -0.003 min  
Response: 23722  
Conc: 60.61 ng/ml



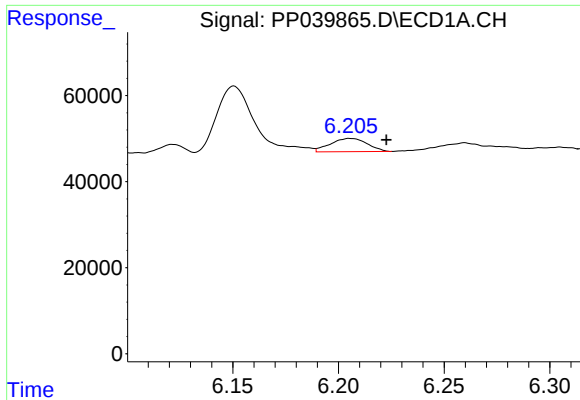
#20 AR-1242-5

R.T.: 7.198 min  
Delta R.T.: -0.004 min  
Response: 212423  
Conc: 361.54 ng/ml



#20 AR-1242-5

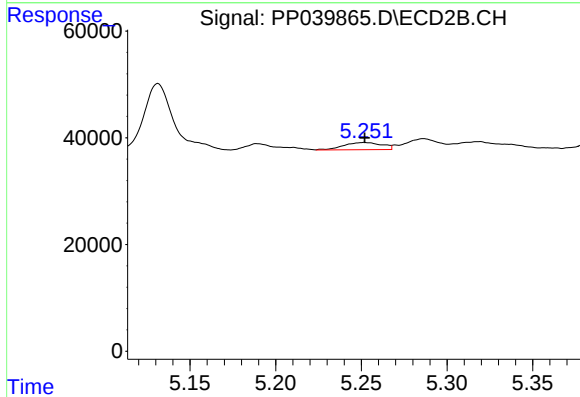
R.T.: 6.119 min  
Delta R.T.: -0.008 min  
Response: 35509  
Conc: 71.43 ng/ml



#21 AR-1248-1

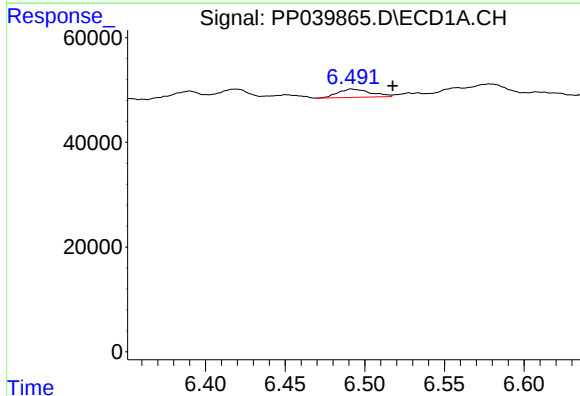
R.T.: 6.206 min  
Delta R.T.: -0.017 min  
Response: 37708  
Conc: 61.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



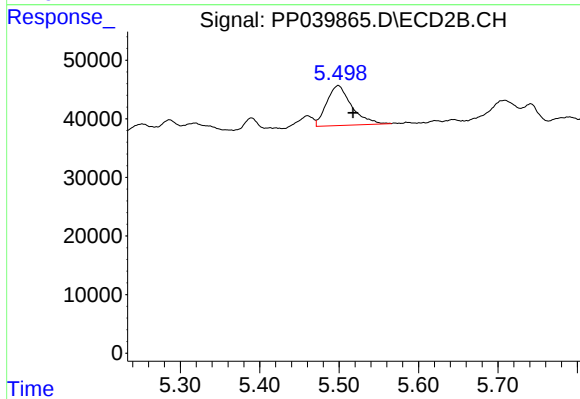
#21 AR-1248-1

R.T.: 5.252 min  
Delta R.T.: 0.000 min  
Response: 21217  
Conc: 51.51 ng/ml



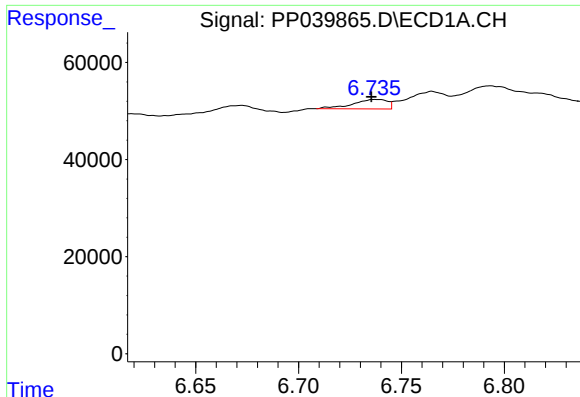
#22 AR-1248-2

R.T.: 6.492 min  
Delta R.T.: -0.026 min  
Response: 22846  
Conc: 28.94 ng/ml



#22 AR-1248-2

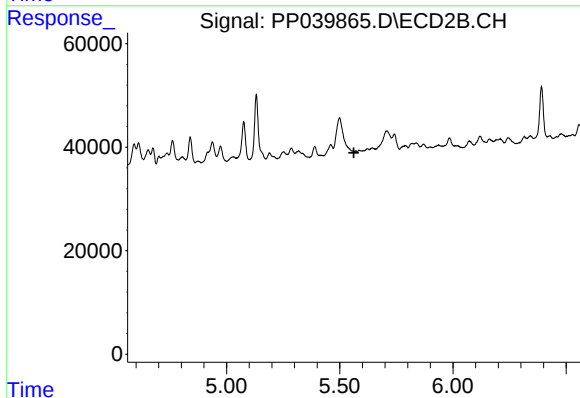
R.T.: 5.499 min  
Delta R.T.: -0.019 min  
Response: 148936  
Conc: 253.93 ng/ml



#23 AR-1248-3

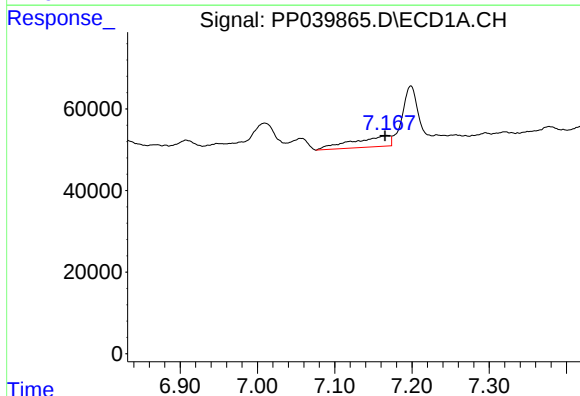
R.T.: 6.738 min  
Delta R.T.: 0.002 min  
Response: 22964  
Conc: 23.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



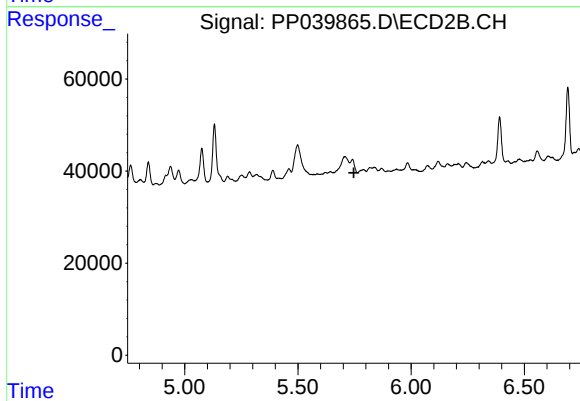
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.562 min  
Response: 0  
Conc: N.D.



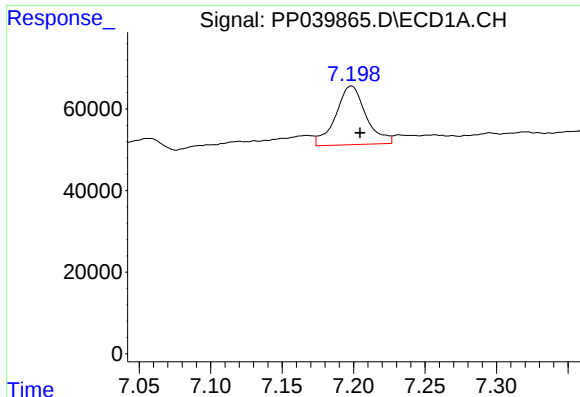
#24 AR-1248-4

R.T.: 7.167 min  
Delta R.T.: 0.002 min  
Response: 90014  
Conc: 86.73 ng/ml



#24 AR-1248-4

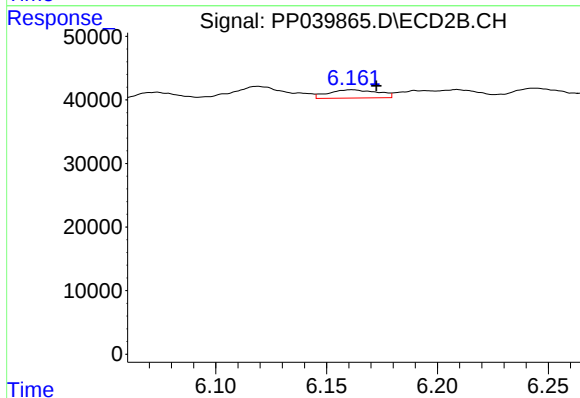
R.T.: 0.000 min  
Exp R.T. : 5.748 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

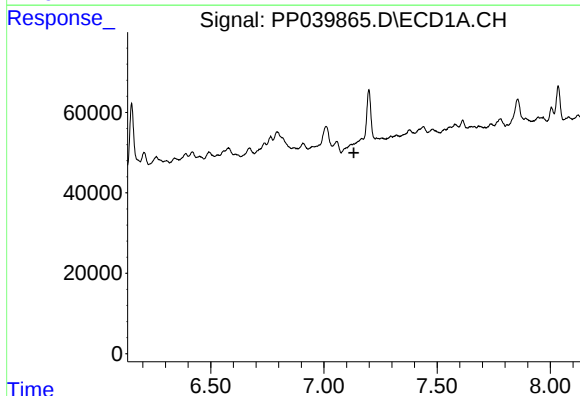
R.T.: 7.198 min  
Delta R.T.: -0.006 min  
Response: 212423  
Conc: 211.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



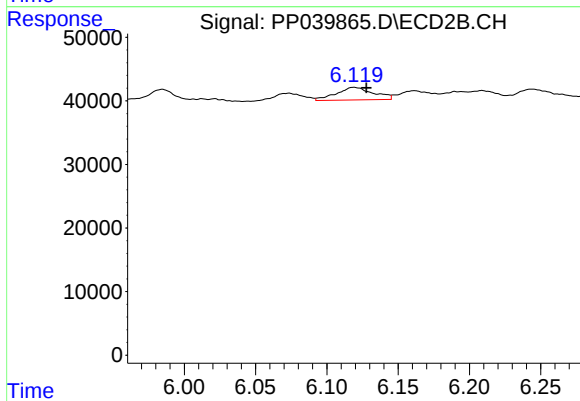
#25 AR-1248-5

R.T.: 6.162 min  
Delta R.T.: -0.011 min  
Response: 20081  
Conc: 31.31 ng/ml



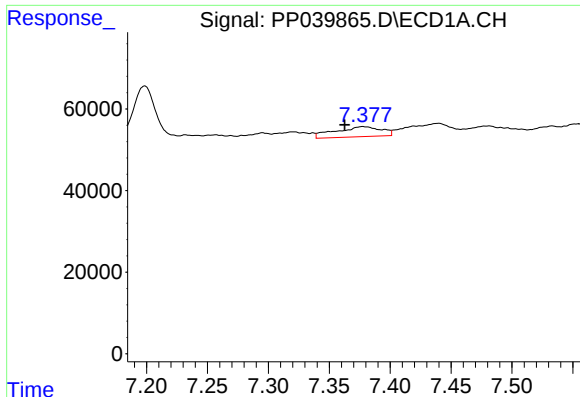
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 7.132 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

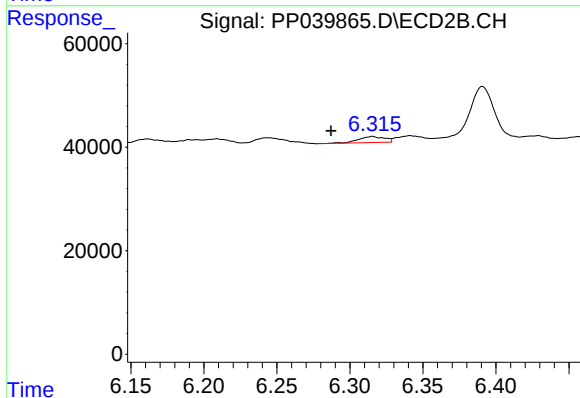
R.T.: 6.119 min  
Delta R.T.: -0.009 min  
Response: 35509  
Conc: 36.03 ng/ml



#27 AR-1254-2

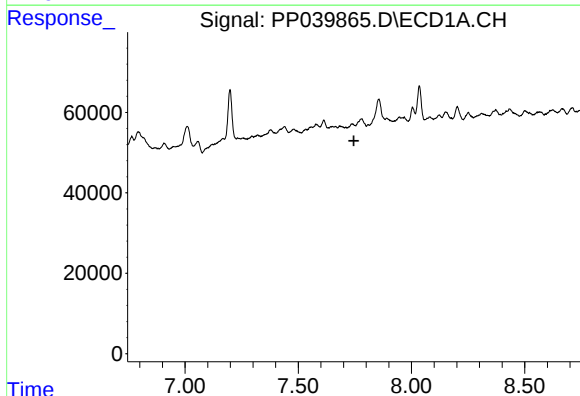
R.T.: 7.377 min  
Delta R.T.: 0.015 min  
Response: 65279  
Conc: 40.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



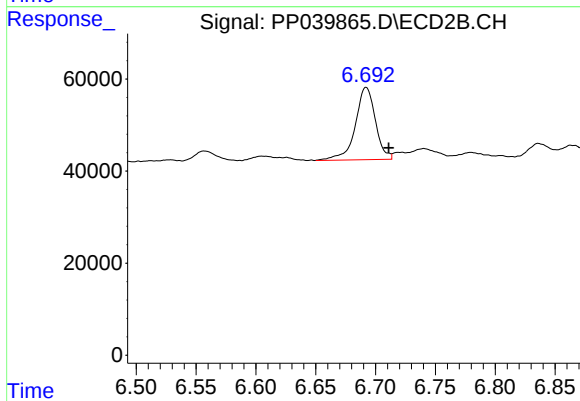
#27 AR-1254-2

R.T.: 6.315 min  
Delta R.T.: 0.028 min  
Response: 14598  
Conc: 16.03 ng/ml



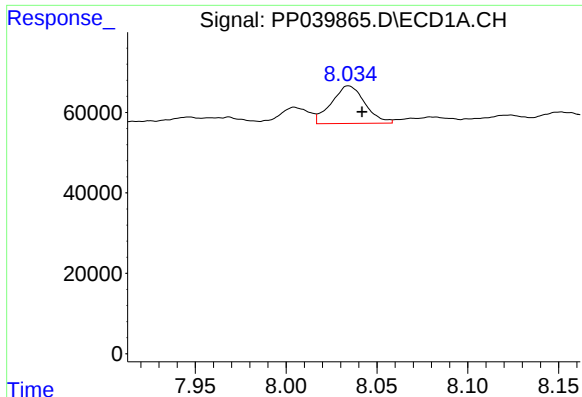
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 7.746 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

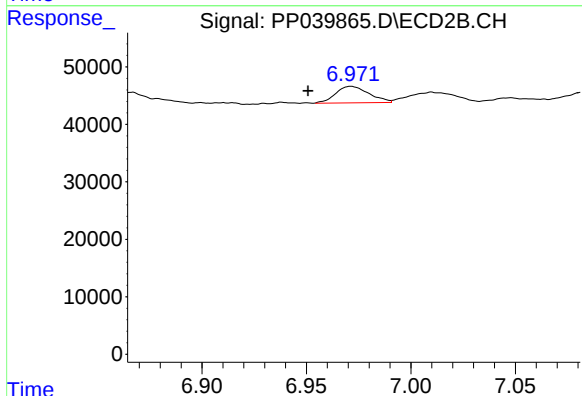
R.T.: 6.692 min  
Delta R.T.: -0.019 min  
Response: 183918  
Conc: 130.94 ng/ml



#29 AR-1254-4

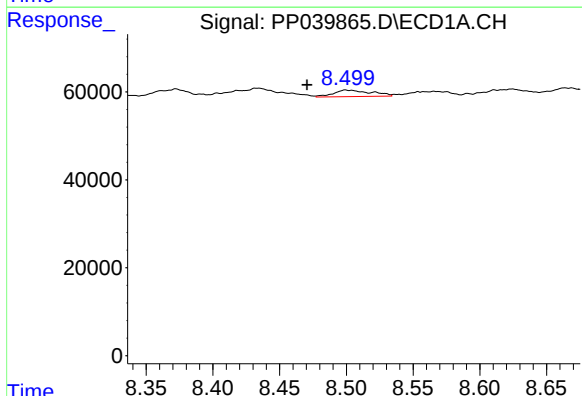
R.T.: 8.034 min  
Delta R.T.: -0.007 min  
Response: 120147  
Conc: 98.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



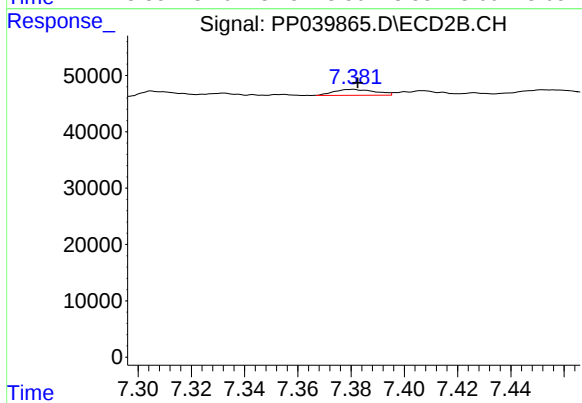
#29 AR-1254-4

R.T.: 6.971 min  
Delta R.T.: 0.021 min  
Response: 31961  
Conc: 36.25 ng/ml



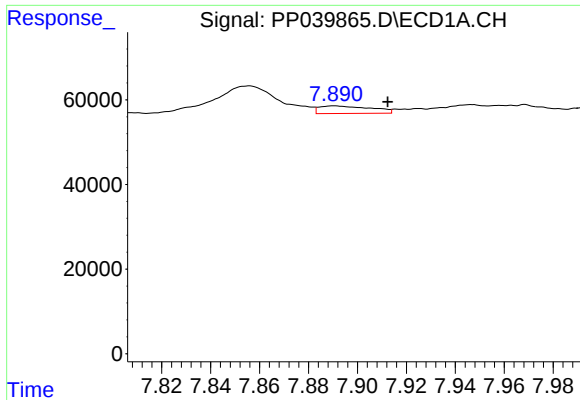
#30 AR-1254-5

R.T.: 8.500 min  
Delta R.T.: 0.029 min  
Response: 29318  
Conc: 23.05 ng/ml



#30 AR-1254-5

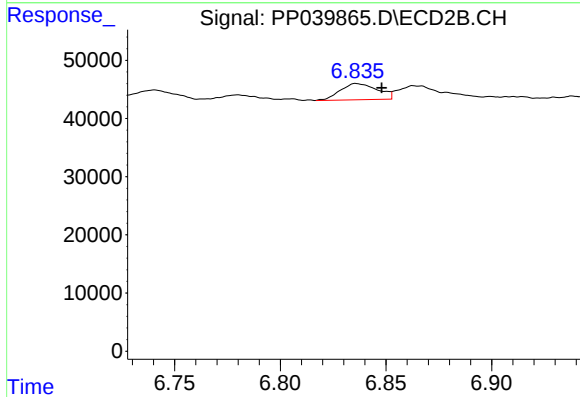
R.T.: 7.380 min  
Delta R.T.: -0.002 min  
Response: 11286  
Conc: 8.43 ng/ml



#31 AR-1260-1

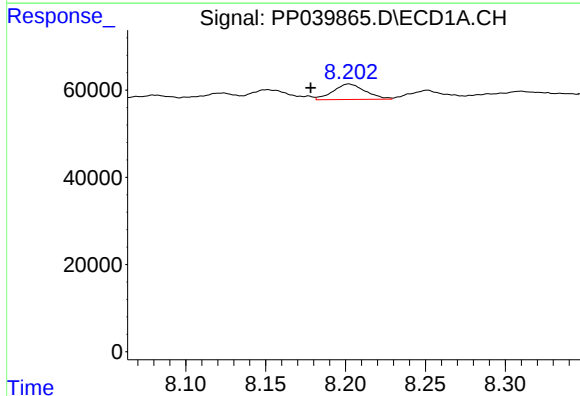
R.T.: 7.891 min  
Delta R.T.: -0.022 min  
Response: 26585  
Conc: 20.17 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



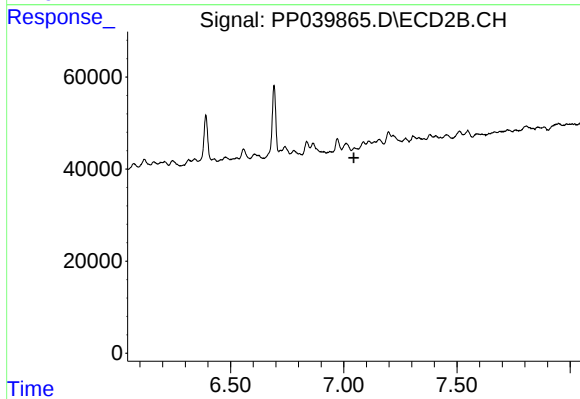
#31 AR-1260-1

R.T.: 6.836 min  
Delta R.T.: -0.012 min  
Response: 34037  
Conc: 32.42 ng/ml



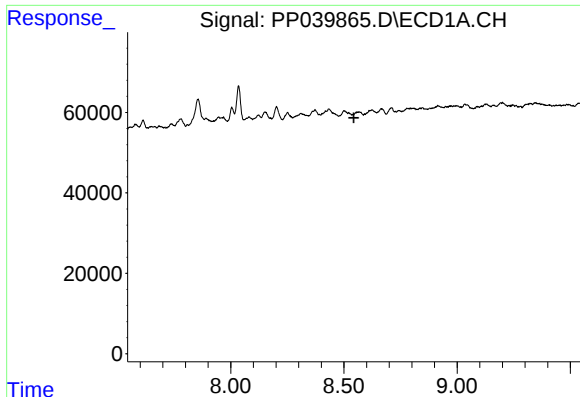
#32 AR-1260-2

R.T.: 8.202 min  
Delta R.T.: 0.024 min  
Response: 49935  
Conc: 31.13 ng/ml



#32 AR-1260-2

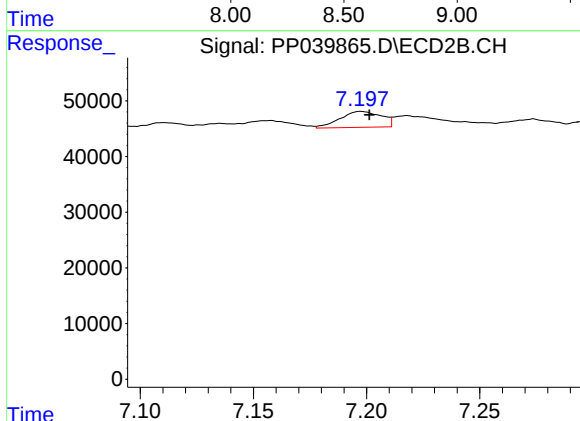
R.T.: 0.000 min  
Exp R.T.: 7.045 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

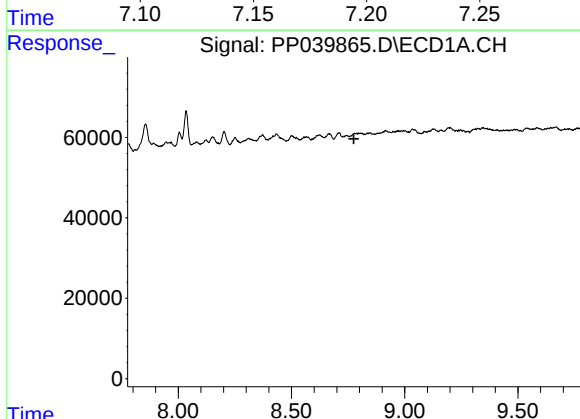
R.T.: 0.000 min  
Exp R.T. : 8.544 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



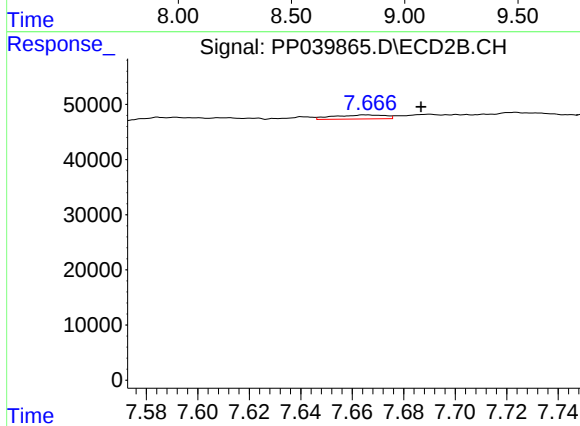
#33 AR-1260-3

R.T.: 7.198 min  
Delta R.T.: -0.004 min  
Response: 36454  
Conc: 27.49 ng/ml



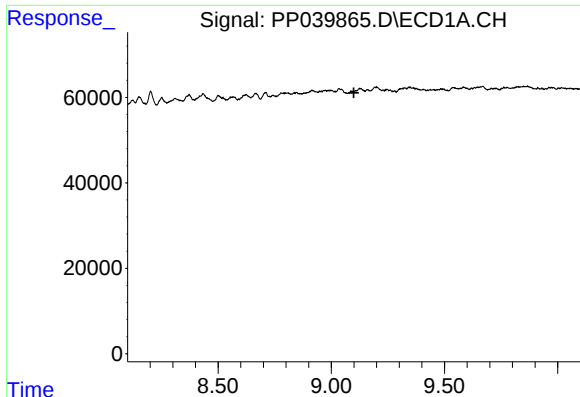
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 8.776 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

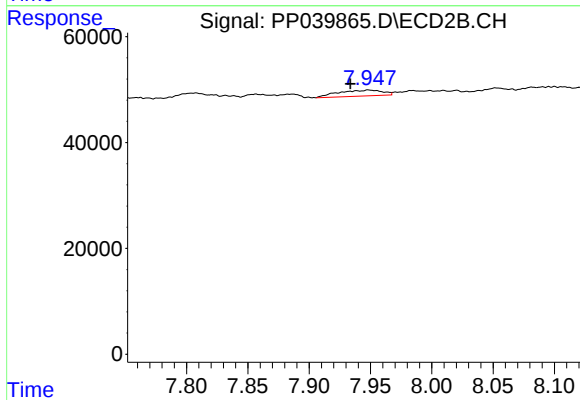
R.T.: 7.665 min  
Delta R.T.: -0.021 min  
Response: 10020  
Conc: 10.80 ng/ml



#35 AR-1260-5

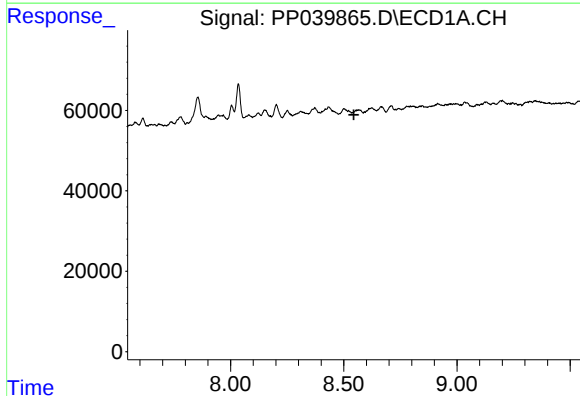
R.T.: 0.000 min  
Exp R.T.: 9.100 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



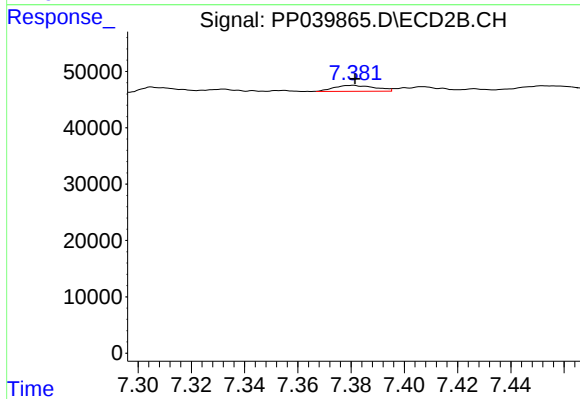
#35 AR-1260-5

R.T.: 7.948 min  
Delta R.T.: 0.015 min  
Response: 28323  
Conc: 13.57 ng/ml



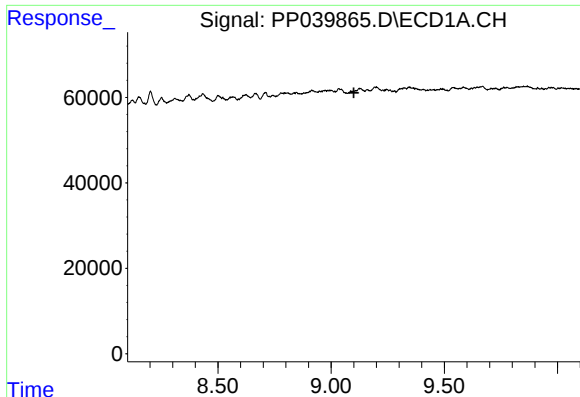
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 8.545 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

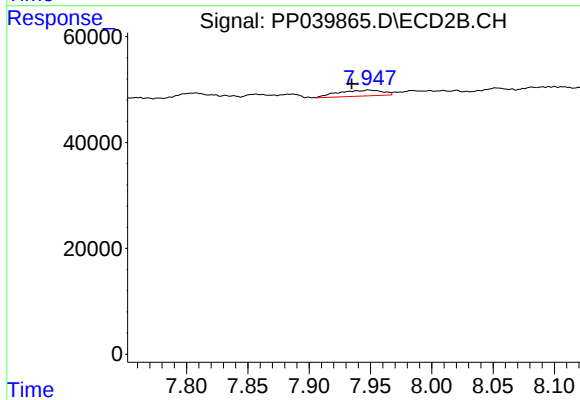
R.T.: 7.380 min  
Delta R.T.: -0.001 min  
Response: 11286  
Conc: 15.69 ng/ml



#37 AR-1262-2

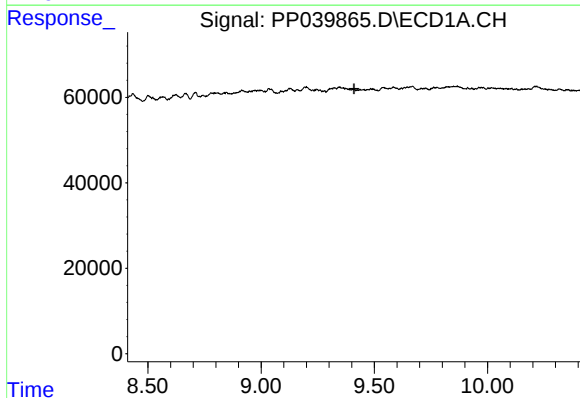
R.T.: 0.000 min  
Exp R.T. : 9.101 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



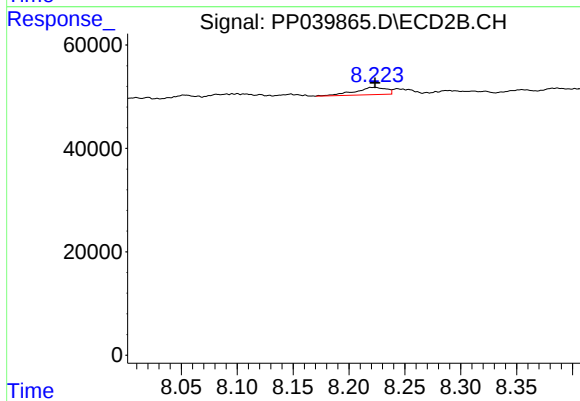
#37 AR-1262-2

R.T.: 7.948 min  
Delta R.T.: 0.014 min  
Response: 28323  
Conc: 12.26 ng/ml



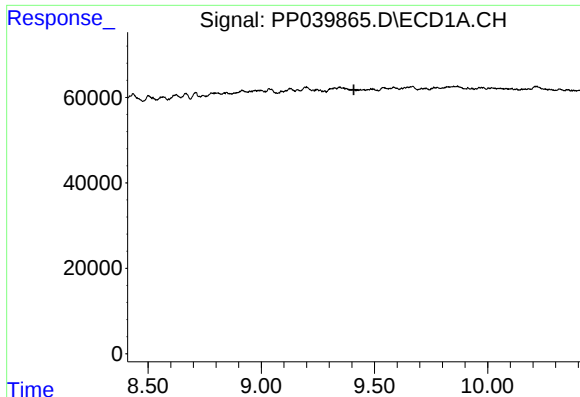
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 9.410 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

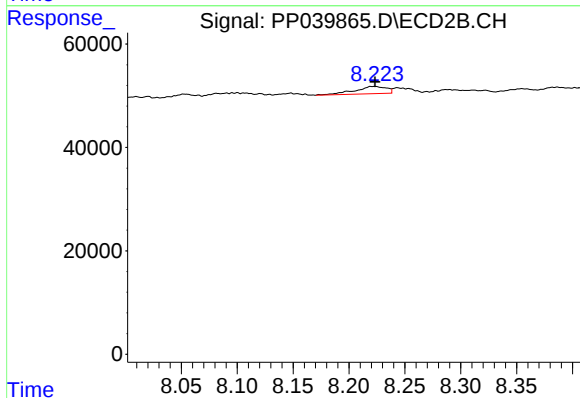
R.T.: 8.223 min  
Delta R.T.: 0.000 min  
Response: 27329  
Conc: 26.65 ng/ml



#41 AR-1268-1

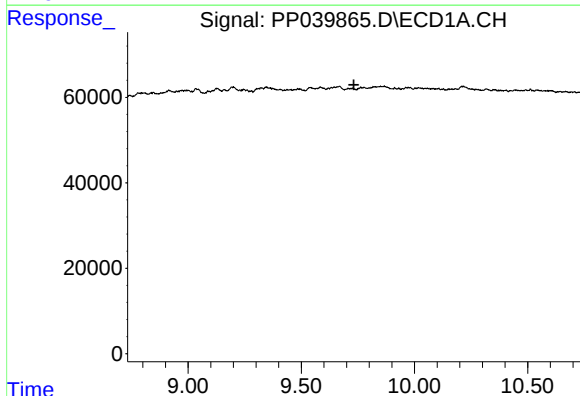
R.T.: 0.000 min  
Exp R.T. : 9.409 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



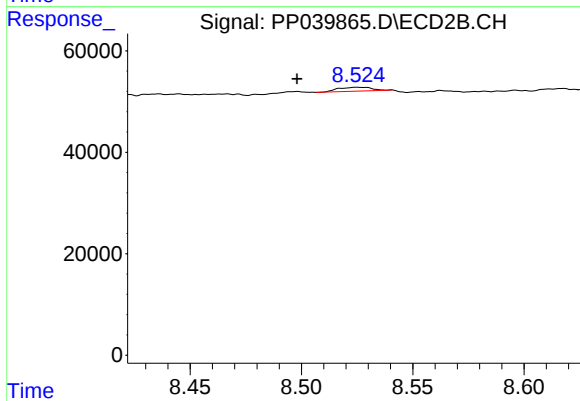
#41 AR-1268-1

R.T.: 8.223 min  
Delta R.T.: 0.000 min  
Response: 27329  
Conc: 9.36 ng/ml



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 9.732 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

R.T.: 8.526 min  
Delta R.T.: 0.028 min  
Response: 8695  
Conc: 3.71 ng/ml