

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032421\  
 Data File : PP034340.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 24 Mar 2021 17:54  
 Operator : DD\AJ  
 Sample : M1776-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 25 01:39:44 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Mar 20 01:42:16 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... | 4.849  | 4.262  | 1709430 | 1024401 | 20.349  | 23.149     |
| 2)                          | SA Decachlor... | 10.793 | 9.592  | 2047813 | 729091  | 26.094  | 27.629     |
| Target Compounds            |                 |        |        |         |         |         |            |
| 3)                          | L1 AR-1016-1    | 6.166  | 5.548f | 35839   | 13094   | 14.249  | 11.432     |
| 4)                          | L1 AR-1016-2    | 6.166f | 5.548  | 35839   | 13094   | 9.466   | 7.779      |
| 5)                          | L1 AR-1016-3    | 6.250  | 0.000  | 23052   | 0       | 9.794   | N.D. #     |
| 8)                          | L2 AR-1221-1    | 5.096  | 0.000  | 236207  | 0       | 260.138 | N.D. #     |
| 9)                          | L2 AR-1221-2    | 5.197  | 4.616  | 123507  | 40894   | 179.459 | 115.315 #  |
| 10)                         | L2 AR-1221-3    | 5.275  | 4.700  | 68658   | 26864   | 33.120  | 25.188     |
| 11)                         | L3 AR-1232-1    | 5.275  | 4.700  | 68658   | 26864   | 41.890  | 30.932 #   |
| 12)                         | L3 AR-1232-2    | 5.865  | 5.548  | 230225  | 13094   | 269.189 | 17.952 #   |
| 13)                         | L3 AR-1232-3    | 6.166f | 0.000  | 35839   | 0       | 23.044  | N.D. #     |
| 15)                         | L3 AR-1232-5    | 6.451  | 0.000  | 40478   | 0       | 73.928  | N.D. #     |
| 16)                         | L4 AR-1242-1    | 6.166  | 5.548f | 35839   | 13094   | 17.986  | 14.376     |
| 17)                         | L4 AR-1242-2    | 6.166f | 5.548  | 35839   | 13094   | 12.054  | 9.975      |
| 18)                         | L4 AR-1242-3    | 6.250  | 0.000  | 23052   | 0       | 12.388  | N.D. #     |
| 20)                         | L4 AR-1242-5    | 7.156  | 6.364f | 75530   | 285851  | 49.543  | 364.211 #  |
| 21)                         | L5 AR-1248-1    | 6.166  | 5.548f | 35839   | 13094   | 23.971  | 19.035     |
| 22)                         | L5 AR-1248-2    | 6.451  | 0.000  | 40478   | 0       | 19.290  | N.D. #     |
| 25)                         | L5 AR-1248-5    | 7.156  | 6.447  | 75530   | 267079  | 29.105  | 264.525 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 6.364f | 0       | 285851  | N.D.    | 170.465 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.563f | 0       | 26837   | N.D.    | 18.506 #   |
| 28)                         | L6 AR-1254-3    | 7.691  | 6.959  | 124843  | 41665   | 28.744  | 18.193 #   |
| 30)                         | L6 AR-1254-5    | 8.410  | 7.642  | 105836  | 123764  | 31.704  | 67.028 #   |
| 31)                         | L7 AR-1260-1    | 7.853  | 7.124f | 109829  | 52083   | 34.458  | 33.409     |
| 32)                         | L7 AR-1260-2    | 8.110  | 7.272f | 186832  | 67236   | 49.716  | 37.576     |
| 33)                         | L7 AR-1260-3    | 8.451f | 7.432f | 61118   | 156507  | 20.026  | 92.492 #   |
| 34)                         | L7 AR-1260-4    | 8.714  | 7.957f | 172966  | 1426651 | 49.681  | 1002.034 # |
| 35)                         | L7 AR-1260-5    | 9.043f | 8.169  | 822548  | 728030  | 120.154 | 234.456 #  |
| 36)                         | L8 AR-1262-1    | 8.451f | 7.642  | 61118   | 123764  | 13.701  | 122.565 #  |
| 37)                         | L8 AR-1262-2    | 9.043  | 8.169  | 822548  | 728030  | 108.517 | 225.554 #  |
| 38)                         | L8 AR-1262-3    | 9.342  | 8.469  | -12752  | 346739  | N.D.    | 253.081 #  |
| 39)                         | L8 AR-1262-4    | 9.411  | 8.546f | 366309  | 734571  | 84.998  | 303.348 #  |
| 41)                         | L9 AR-1268-1    | 9.342  | 8.469  | -12752  | 346739  | N.D.    | 87.600 #   |
| 42)                         | L9 AR-1268-2    | 9.411  | 8.546f | 366309  | 734571  | 39.259  | 198.996 #  |
| 43)                         | L9 AR-1268-3    | 9.652  | 8.733  | 47060   | 41612   | 5.292   | 12.214 #   |
| 45)                         | L9 AR-1268-5    | 10.458 | 0.000  | 48830   | 0       | 1.767   | N.D. #     |
| -----                       |                 |        |        |         |         |         |            |

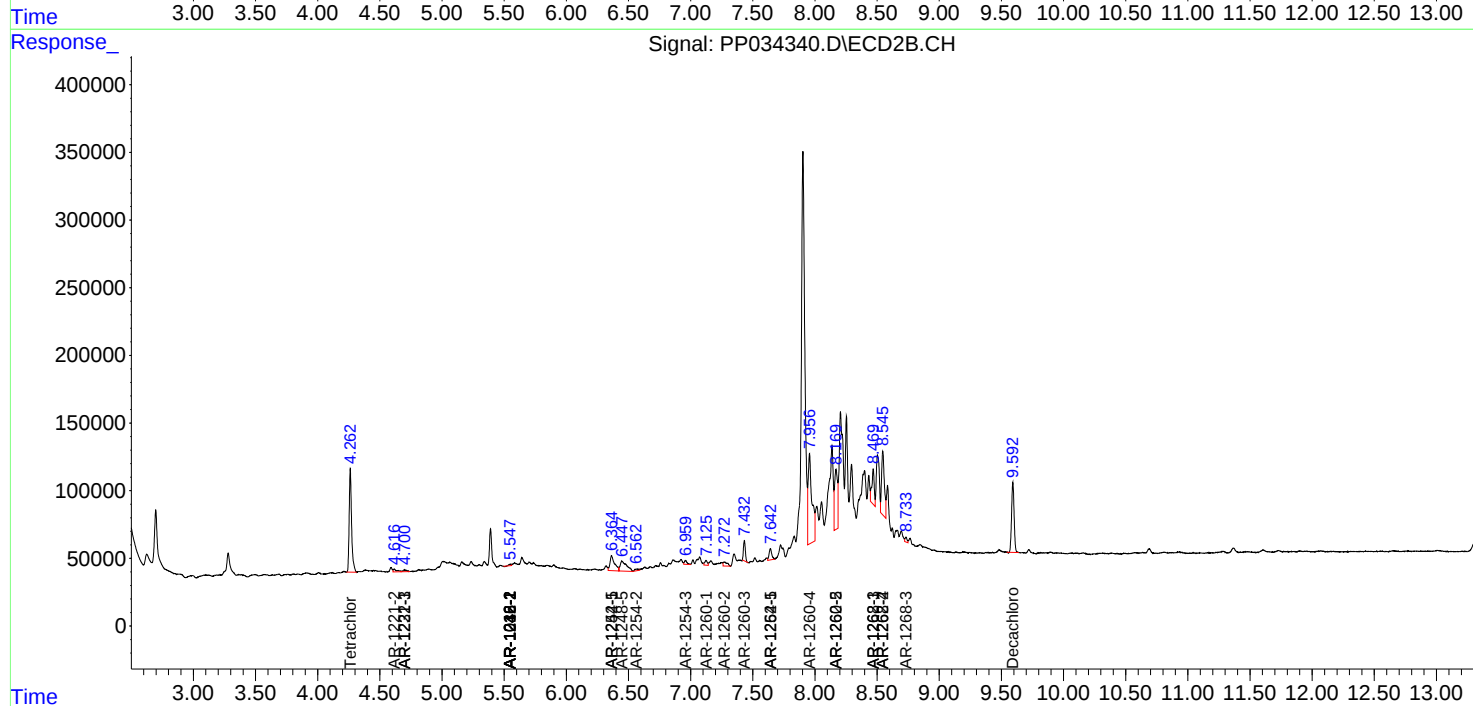
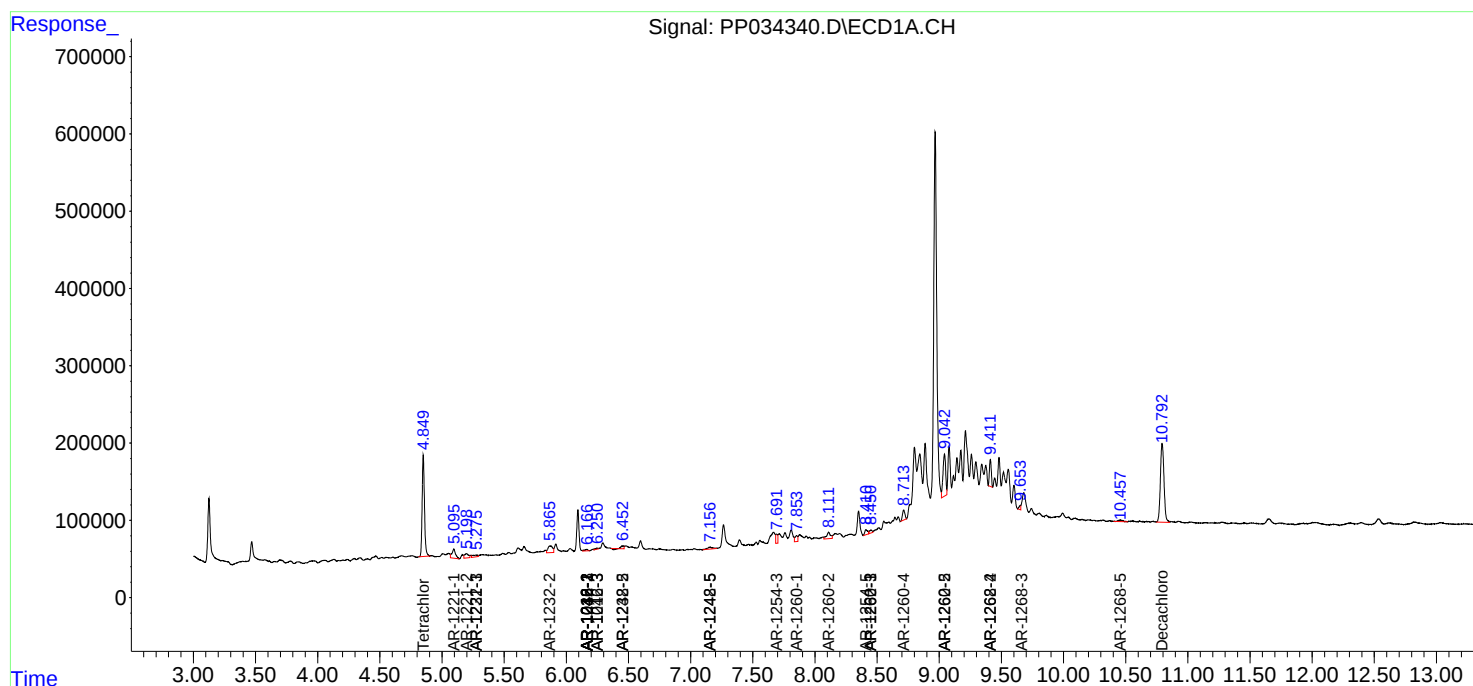
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

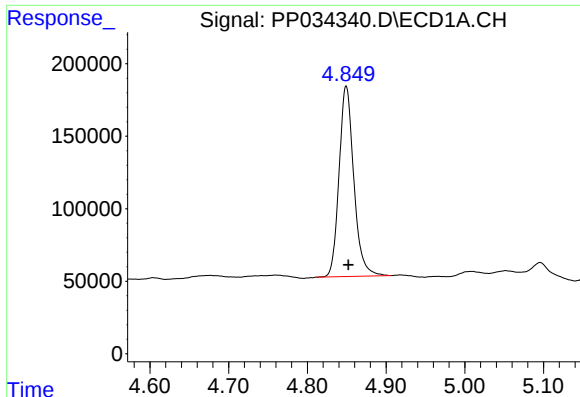
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032421\  
Data File : PP034340.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 24 Mar 2021 17:54  
Operator : DD\AJ  
Sample : M1776-03  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 25 01:39:44 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Mar 20 01:42:16 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

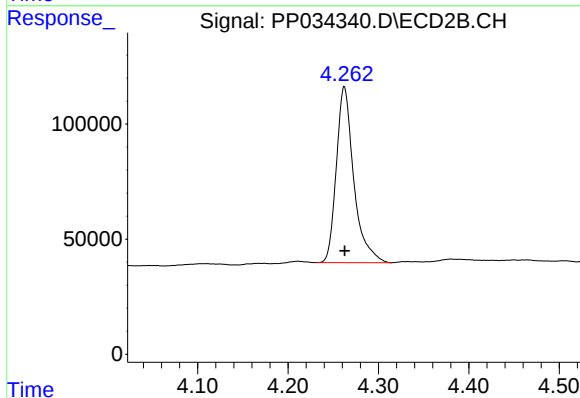




#1 Tetrachloro-m-xylene

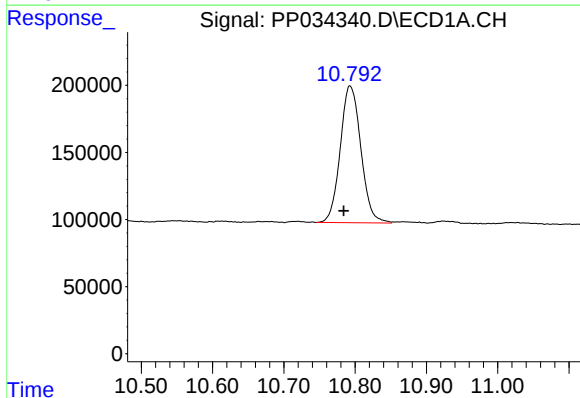
R.T.: 4.849 min  
Delta R.T.: -0.003 min  
Response: 1709430  
Conc: 20.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



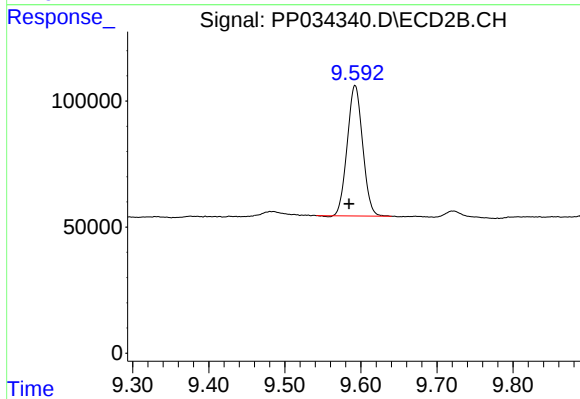
#1 Tetrachloro-m-xylene

R.T.: 4.262 min  
Delta R.T.: 0.000 min  
Response: 1024401  
Conc: 23.15 ng/ml



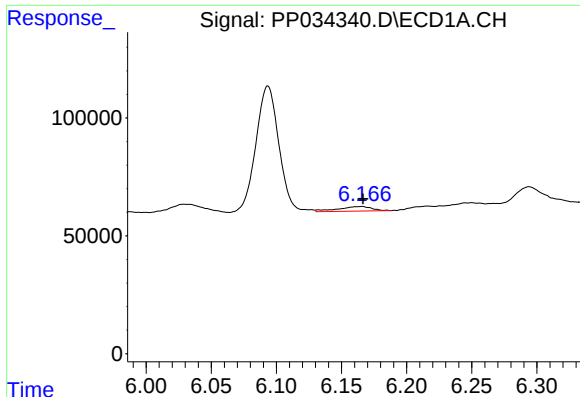
#2 Decachlorobiphenyl

R.T.: 10.793 min  
Delta R.T.: 0.009 min  
Response: 2047813  
Conc: 26.09 ng/ml



#2 Decachlorobiphenyl

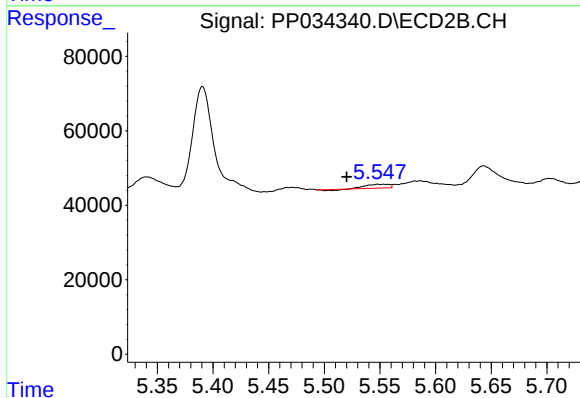
R.T.: 9.592 min  
Delta R.T.: 0.008 min  
Response: 729091  
Conc: 27.63 ng/ml



#3 AR-1016-1

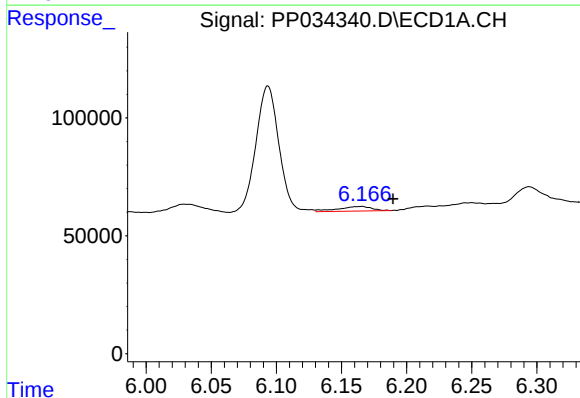
R.T.: 6.166 min  
Delta R.T.: 0.000 min  
Response: 35839  
Conc: 14.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



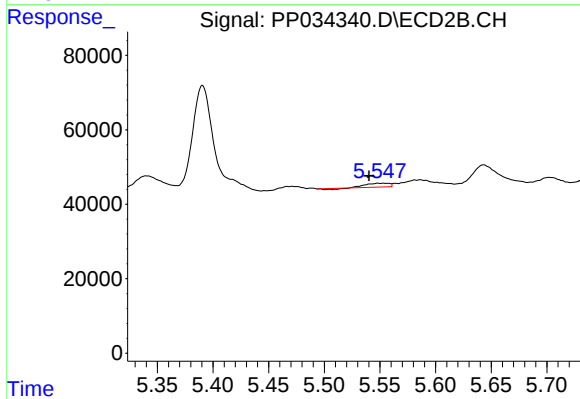
#3 AR-1016-1

R.T.: 5.548 min  
Delta R.T.: 0.028 min  
Response: 13094  
Conc: 11.43 ng/ml



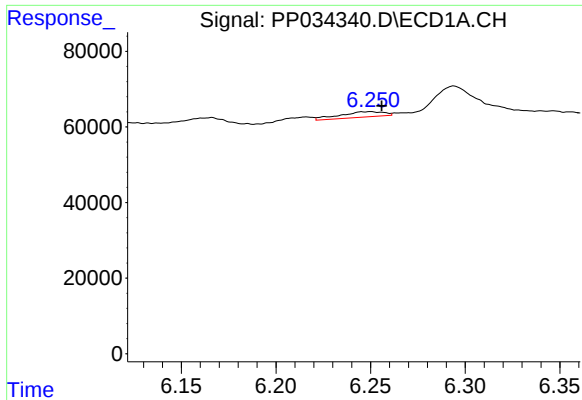
#4 AR-1016-2

R.T.: 6.166 min  
Delta R.T.: -0.024 min  
Response: 35839  
Conc: 9.47 ng/ml



#4 AR-1016-2

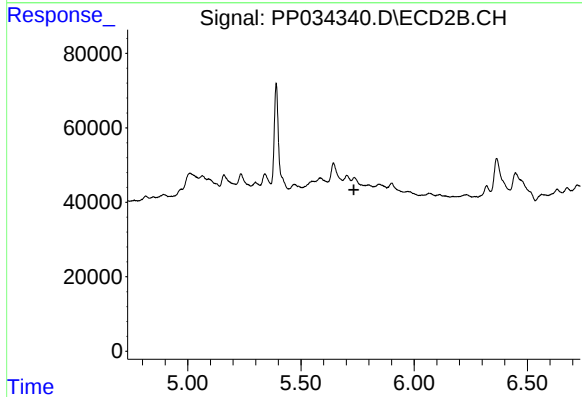
R.T.: 5.548 min  
Delta R.T.: 0.008 min  
Response: 13094  
Conc: 7.78 ng/ml



#5 AR-1016-3

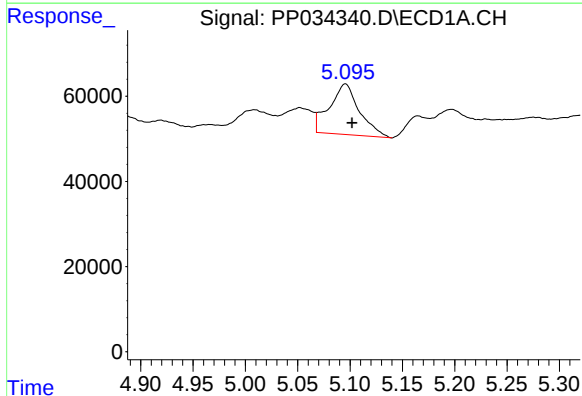
R.T.: 6.250 min  
Delta R.T.: -0.006 min  
Response: 23052  
Conc: 9.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



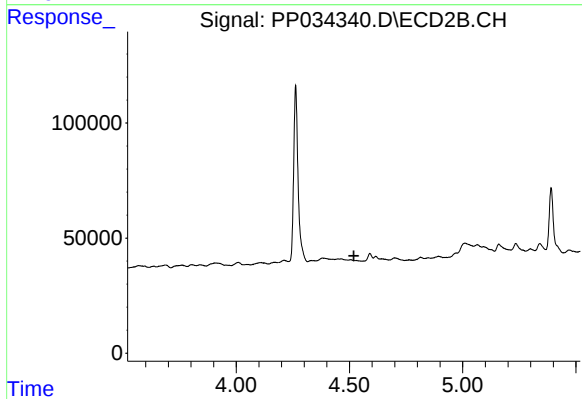
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.733 min  
Response: 0  
Conc: N.D.



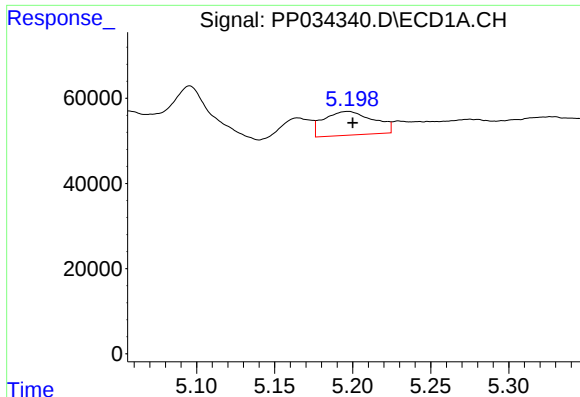
#8 AR-1221-1

R.T.: 5.096 min  
Delta R.T.: -0.006 min  
Response: 236207  
Conc: 260.14 ng/ml



#8 AR-1221-1

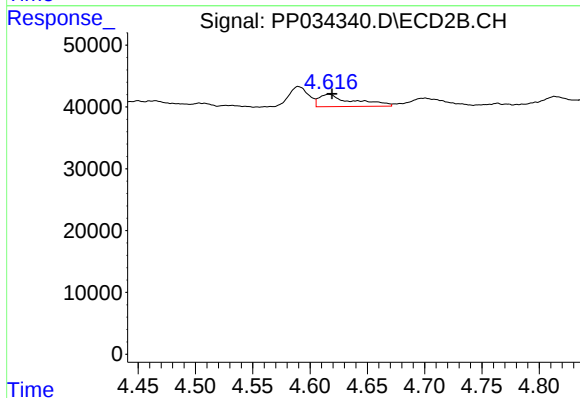
R.T.: 0.000 min  
Exp R.T. : 4.519 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

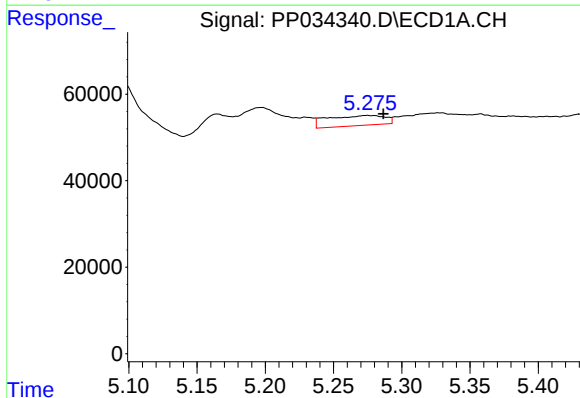
R.T.: 5.197 min  
Delta R.T.: -0.003 min  
Response: 123507  
Conc: 179.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



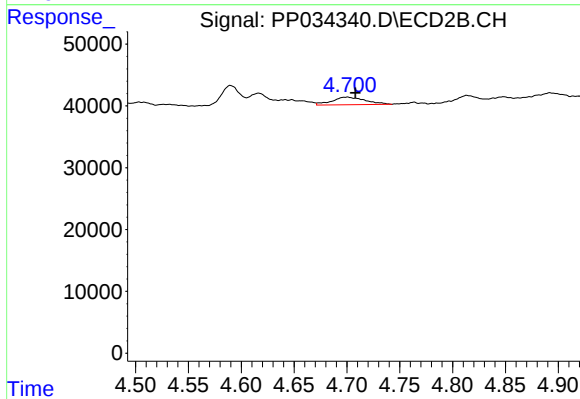
#9 AR-1221-2

R.T.: 4.616 min  
Delta R.T.: -0.003 min  
Response: 40894  
Conc: 115.32 ng/ml



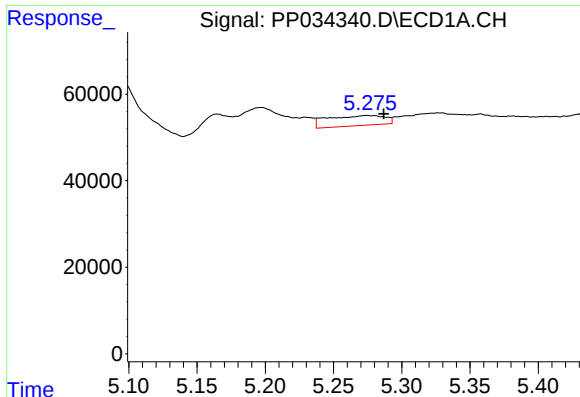
#10 AR-1221-3

R.T.: 5.275 min  
Delta R.T.: -0.012 min  
Response: 68658  
Conc: 33.12 ng/ml



#10 AR-1221-3

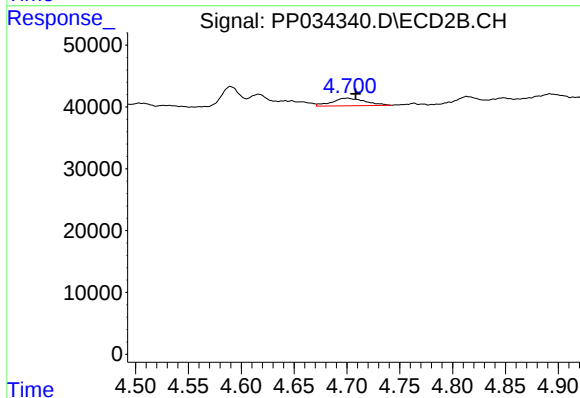
R.T.: 4.700 min  
Delta R.T.: -0.008 min  
Response: 26864  
Conc: 25.19 ng/ml



#11 AR-1232-1

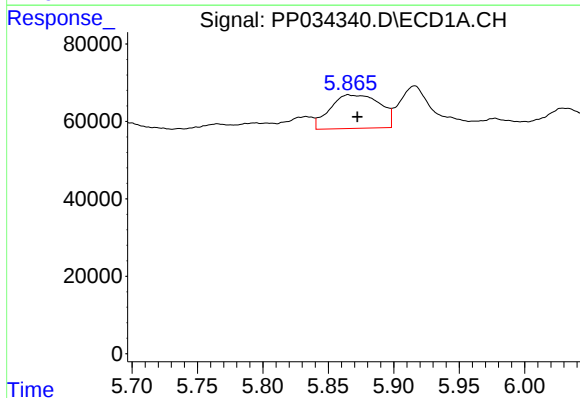
R.T.: 5.275 min  
Delta R.T.: -0.012 min  
Response: 68658  
Conc: 41.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



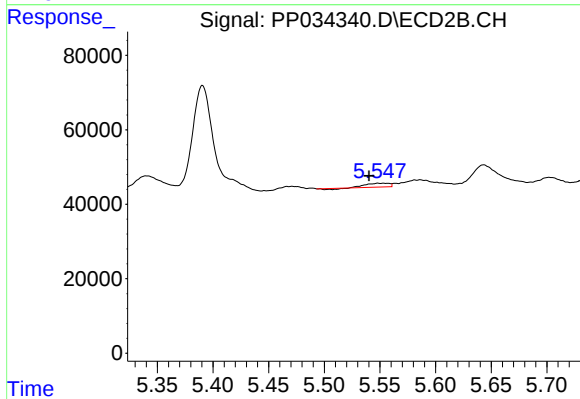
#11 AR-1232-1

R.T.: 4.700 min  
Delta R.T.: -0.008 min  
Response: 26864  
Conc: 30.93 ng/ml



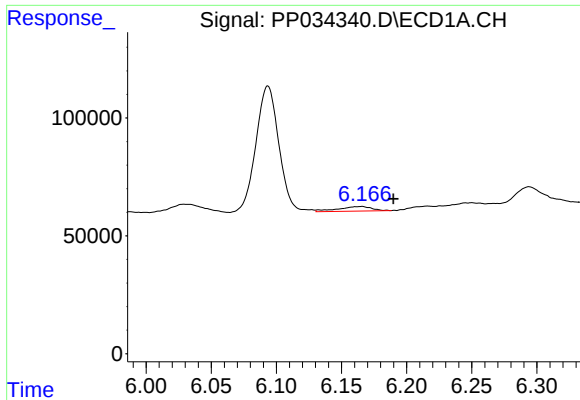
#12 AR-1232-2

R.T.: 5.865 min  
Delta R.T.: -0.007 min  
Response: 230225  
Conc: 269.19 ng/ml



#12 AR-1232-2

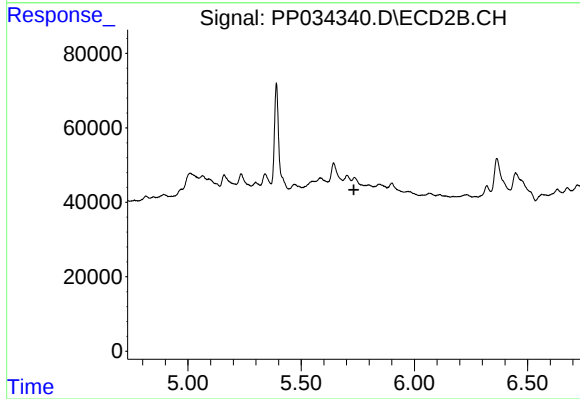
R.T.: 5.548 min  
Delta R.T.: 0.008 min  
Response: 13094  
Conc: 17.95 ng/ml



#13 AR-1232-3

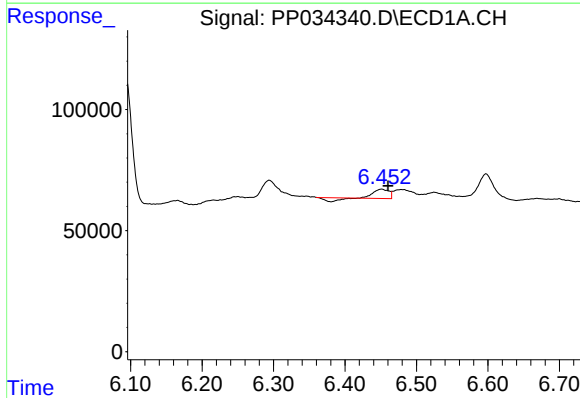
R.T.: 6.166 min  
Delta R.T.: -0.024 min  
Response: 35839  
Conc: 23.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



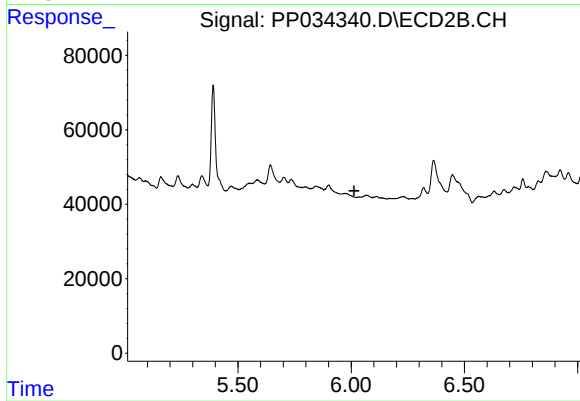
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.733 min  
Response: 0  
Conc: N.D.



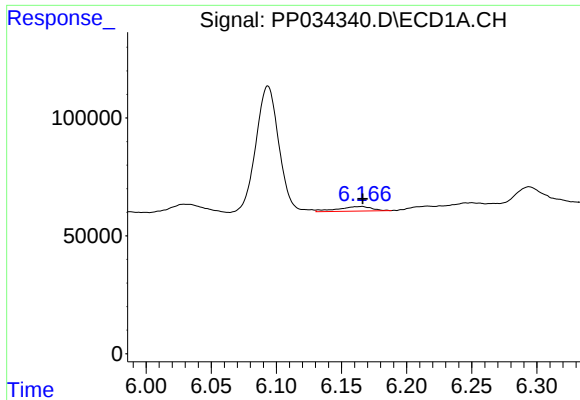
#15 AR-1232-5

R.T.: 6.451 min  
Delta R.T.: -0.009 min  
Response: 40478  
Conc: 73.93 ng/ml



#15 AR-1232-5

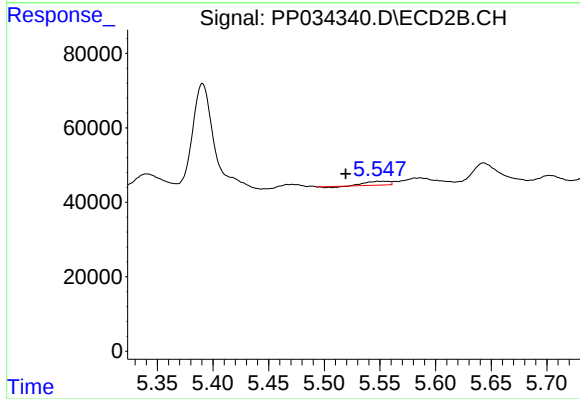
R.T.: 0.000 min  
Exp R.T. : 6.012 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

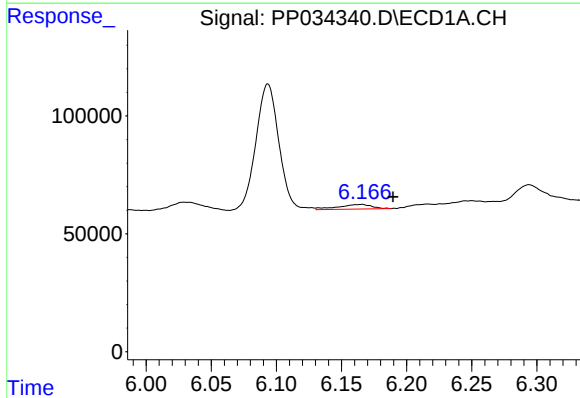
R.T.: 6.166 min  
Delta R.T.: 0.000 min  
Response: 35839  
Conc: 17.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



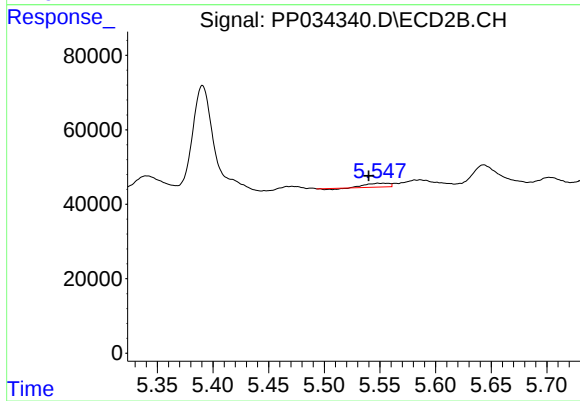
#16 AR-1242-1

R.T.: 5.548 min  
Delta R.T.: 0.029 min  
Response: 13094  
Conc: 14.38 ng/ml



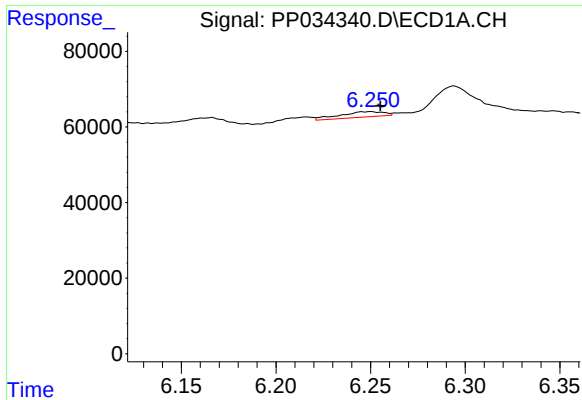
#17 AR-1242-2

R.T.: 6.166 min  
Delta R.T.: -0.024 min  
Response: 35839  
Conc: 12.05 ng/ml



#17 AR-1242-2

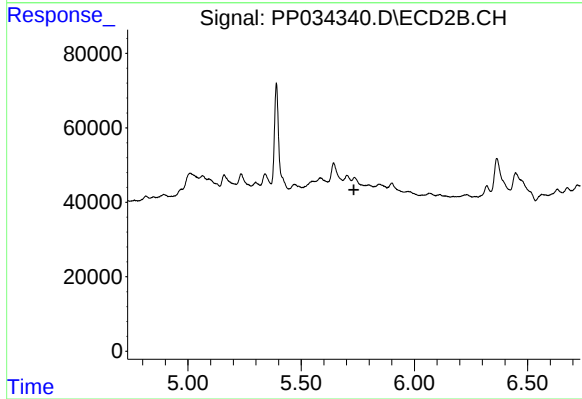
R.T.: 5.548 min  
Delta R.T.: 0.009 min  
Response: 13094  
Conc: 9.98 ng/ml



#18 AR-1242-3

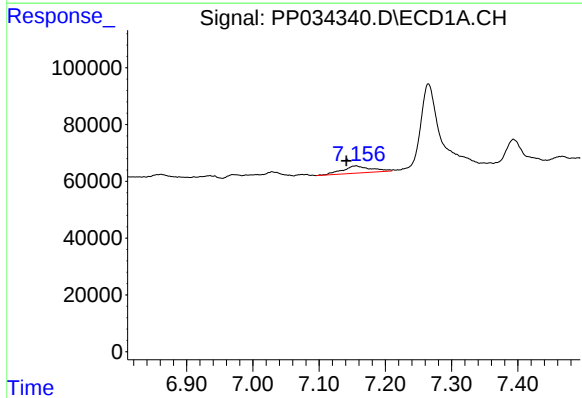
R.T.: 6.250 min  
Delta R.T.: -0.005 min  
Response: 23052  
Conc: 12.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



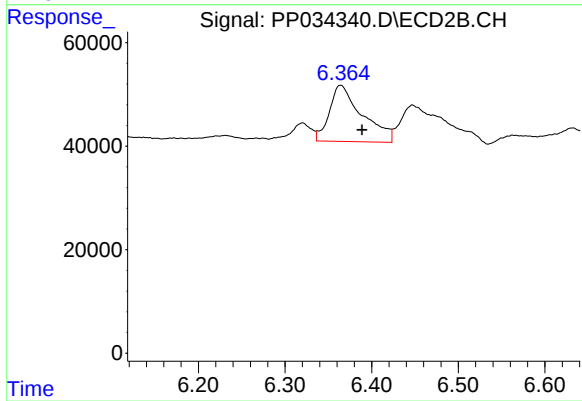
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.733 min  
Response: 0  
Conc: N.D.



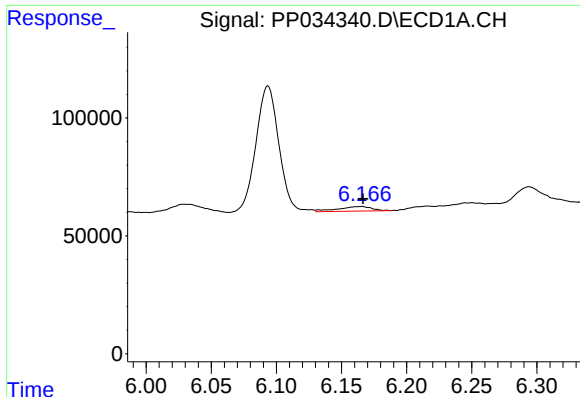
#20 AR-1242-5

R.T.: 7.156 min  
Delta R.T.: 0.014 min  
Response: 75530  
Conc: 49.54 ng/ml



#20 AR-1242-5

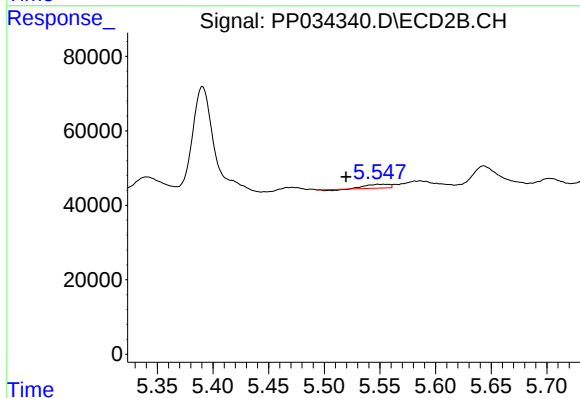
R.T.: 6.364 min  
Delta R.T.: -0.025 min  
Response: 285851  
Conc: 364.21 ng/ml



#21 AR-1248-1

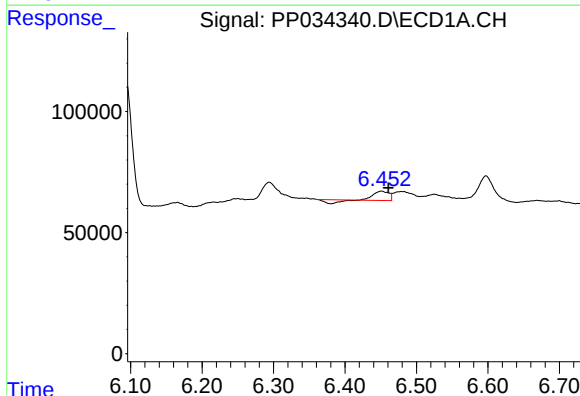
R.T.: 6.166 min  
Delta R.T.: 0.000 min  
Response: 35839  
Conc: 23.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



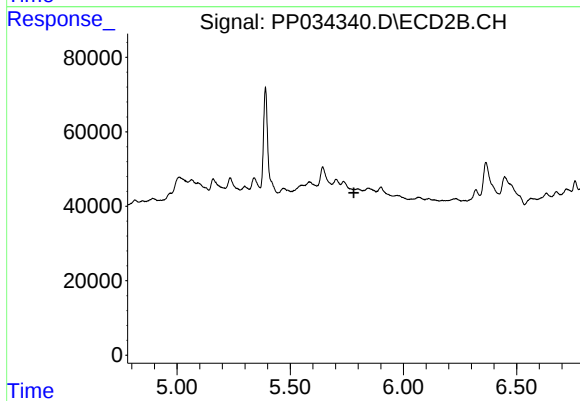
#21 AR-1248-1

R.T.: 5.548 min  
Delta R.T.: 0.029 min  
Response: 13094  
Conc: 19.03 ng/ml



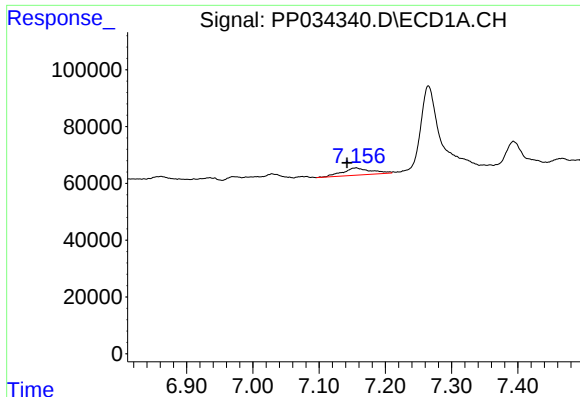
#22 AR-1248-2

R.T.: 6.451 min  
Delta R.T.: -0.009 min  
Response: 40478  
Conc: 19.29 ng/ml



#22 AR-1248-2

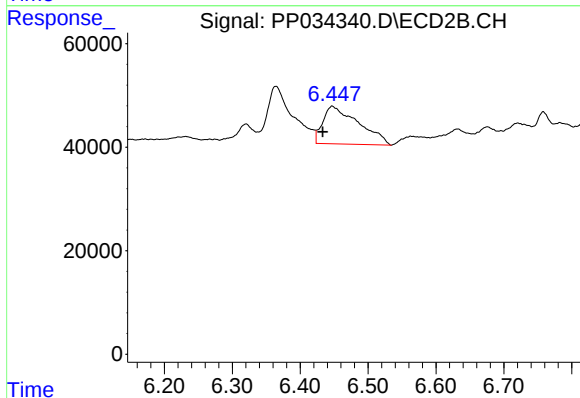
R.T.: 0.000 min  
Exp R.T.: 5.781 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

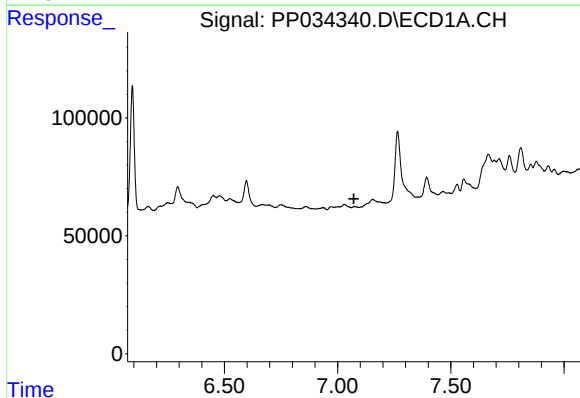
R.T.: 7.156 min  
Delta R.T.: 0.014 min  
Response: 75530  
Conc: 29.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



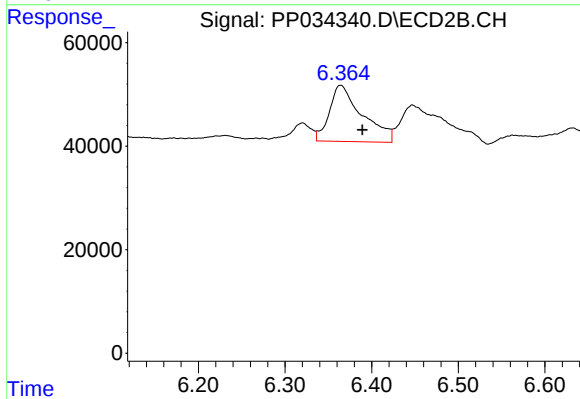
#25 AR-1248-5

R.T.: 6.447 min  
Delta R.T.: 0.014 min  
Response: 267079  
Conc: 264.53 ng/ml



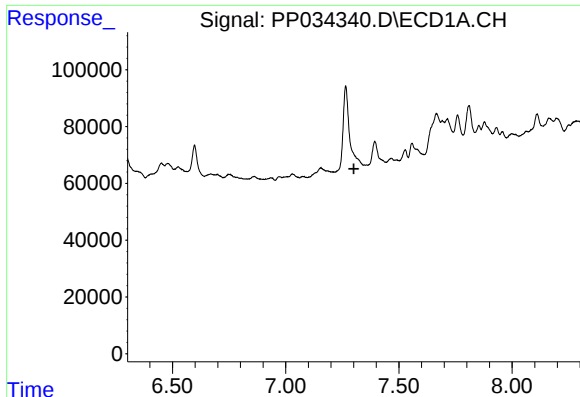
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 7.072 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

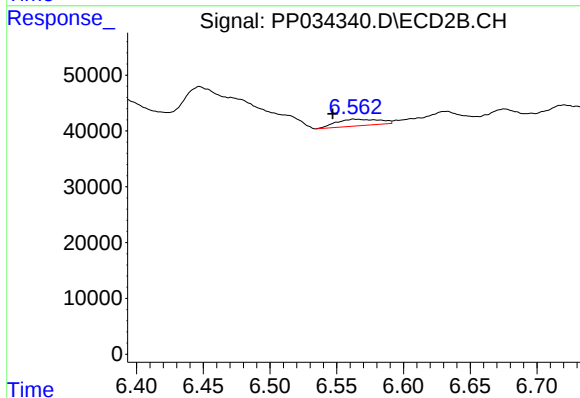
R.T.: 6.364 min  
Delta R.T.: -0.025 min  
Response: 285851  
Conc: 170.47 ng/ml



#27 AR-1254-2

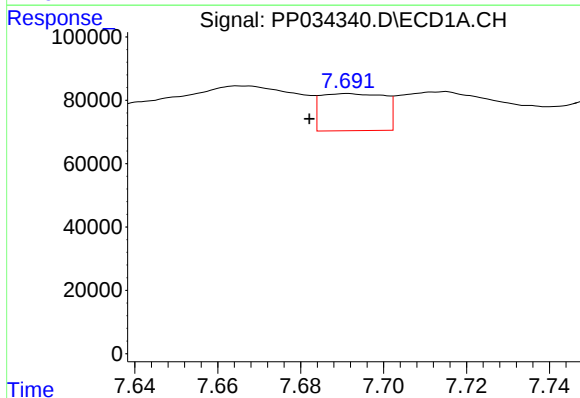
R.T.: 0.000 min  
Exp R.T.: 7.301 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



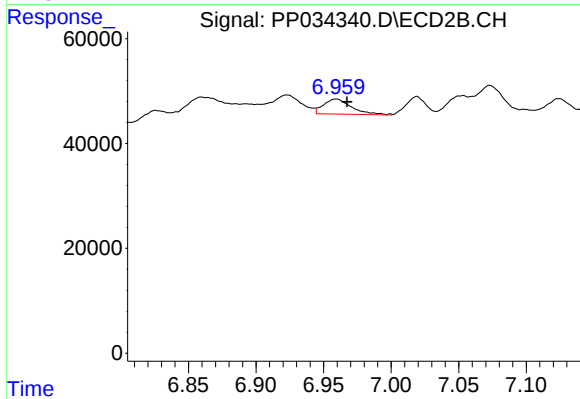
#27 AR-1254-2

R.T.: 6.563 min  
Delta R.T.: 0.016 min  
Response: 26837  
Conc: 18.51 ng/ml



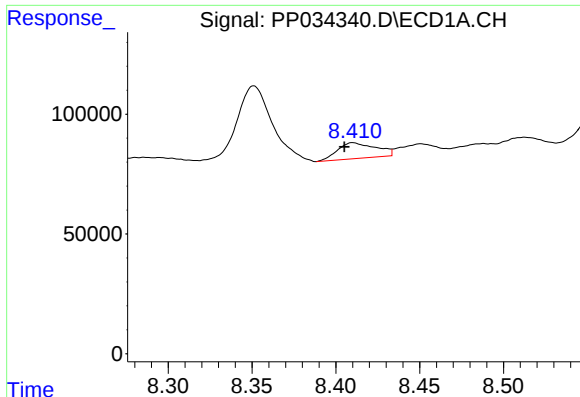
#28 AR-1254-3

R.T.: 7.691 min  
Delta R.T.: 0.009 min  
Response: 124843  
Conc: 28.74 ng/ml



#28 AR-1254-3

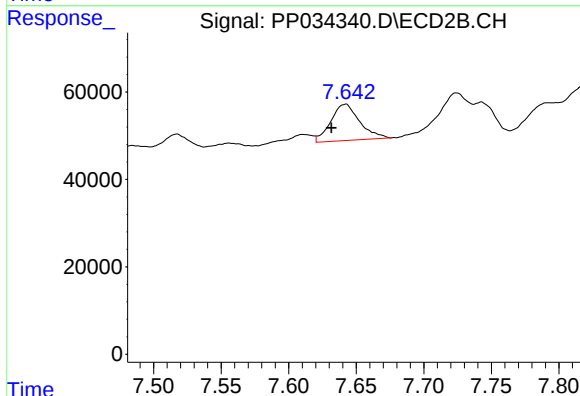
R.T.: 6.959 min  
Delta R.T.: -0.008 min  
Response: 41665  
Conc: 18.19 ng/ml



#30 AR-1254-5

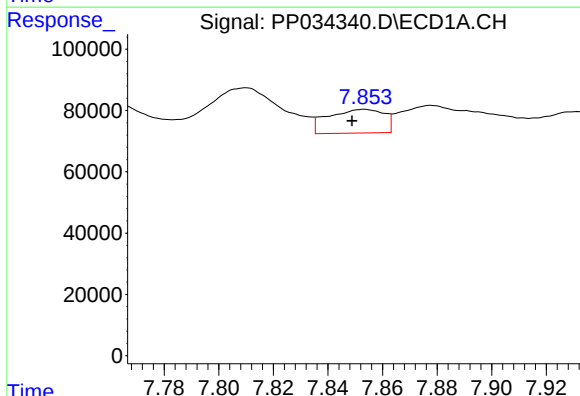
R.T.: 8.410 min  
Delta R.T.: 0.005 min  
Response: 105836  
Conc: 31.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



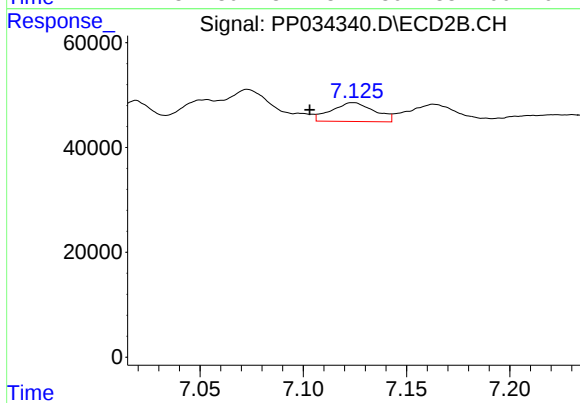
#30 AR-1254-5

R.T.: 7.642 min  
Delta R.T.: 0.011 min  
Response: 123764  
Conc: 67.03 ng/ml



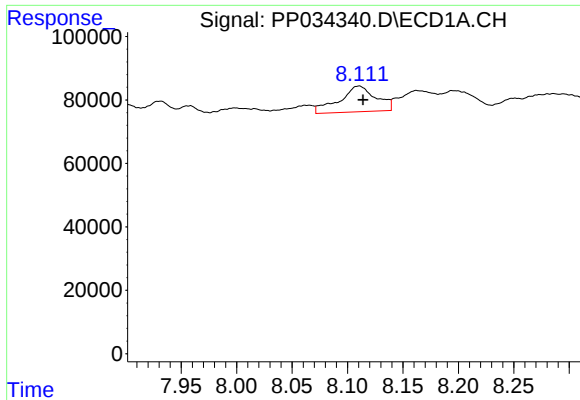
#31 AR-1260-1

R.T.: 7.853 min  
Delta R.T.: 0.004 min  
Response: 109829  
Conc: 34.46 ng/ml



#31 AR-1260-1

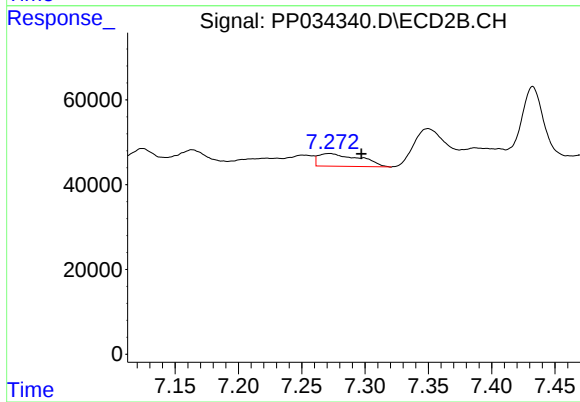
R.T.: 7.124 min  
Delta R.T.: 0.021 min  
Response: 52083  
Conc: 33.41 ng/ml



#32 AR-1260-2

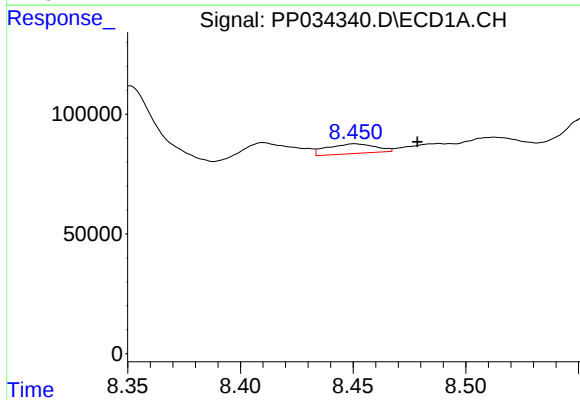
R.T.: 8.110 min  
Delta R.T.: -0.004 min  
Response: 186832  
Conc: 49.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



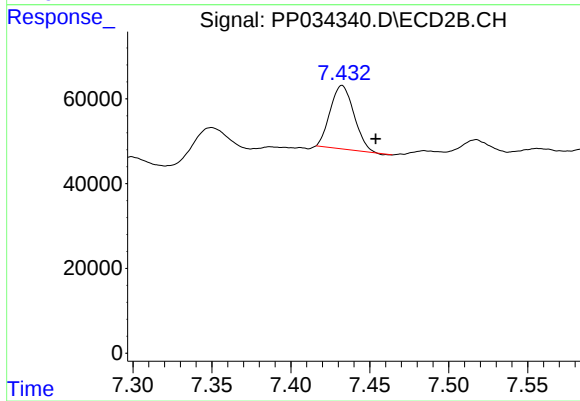
#32 AR-1260-2

R.T.: 7.272 min  
Delta R.T.: -0.025 min  
Response: 67236  
Conc: 37.58 ng/ml



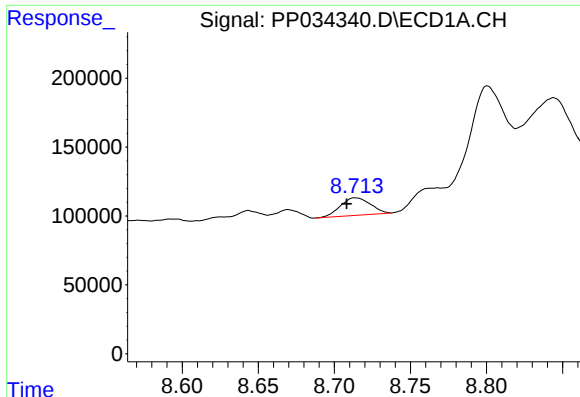
#33 AR-1260-3

R.T.: 8.451 min  
Delta R.T.: -0.028 min  
Response: 61118  
Conc: 20.03 ng/ml



#33 AR-1260-3

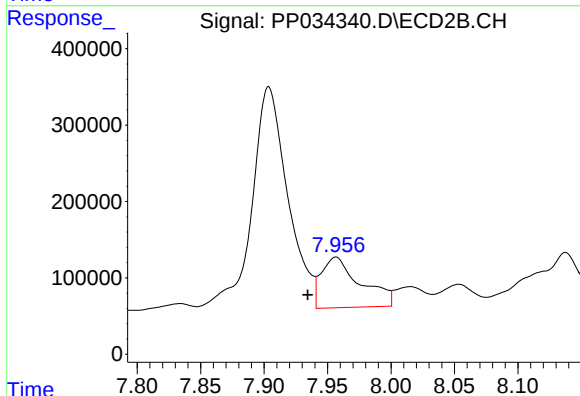
R.T.: 7.432 min  
Delta R.T.: -0.021 min  
Response: 156507  
Conc: 92.49 ng/ml



#34 AR-1260-4

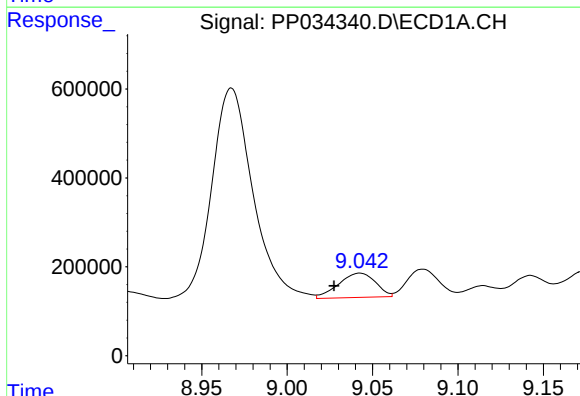
R.T.: 8.714 min  
Delta R.T.: 0.006 min  
Response: 172966  
Conc: 49.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



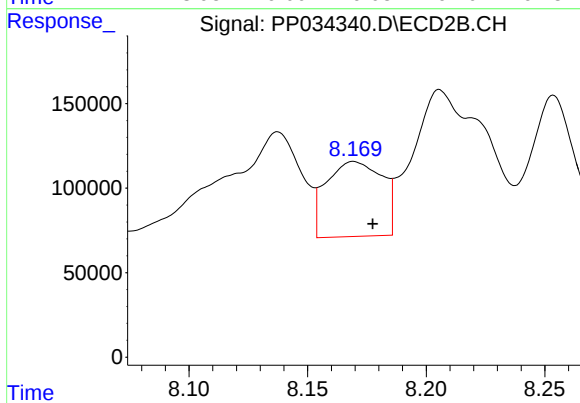
#34 AR-1260-4

R.T.: 7.957 min  
Delta R.T.: 0.022 min  
Response: 1426651  
Conc: 1002.03 ng/ml



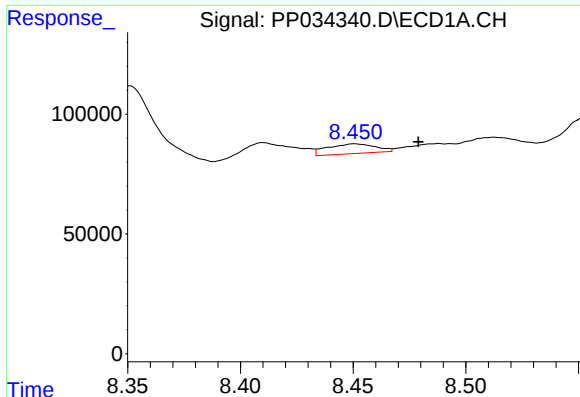
#35 AR-1260-5

R.T.: 9.043 min  
Delta R.T.: 0.015 min  
Response: 822548  
Conc: 120.15 ng/ml



#35 AR-1260-5

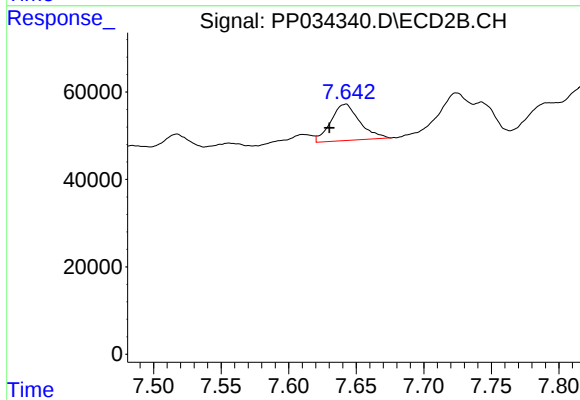
R.T.: 8.169 min  
Delta R.T.: -0.008 min  
Response: 728030  
Conc: 234.46 ng/ml



#36 AR-1262-1

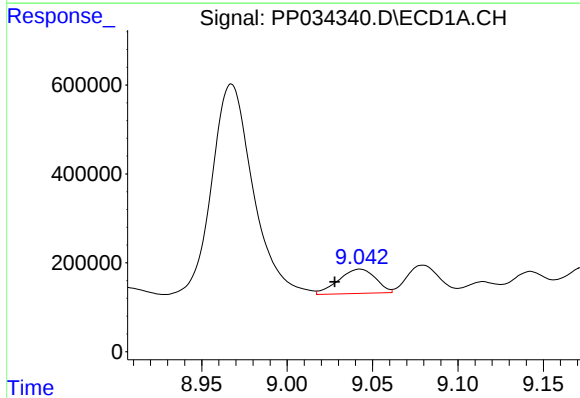
R.T.: 8.451 min  
Delta R.T.: -0.028 min  
Response: 61118  
Conc: 13.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



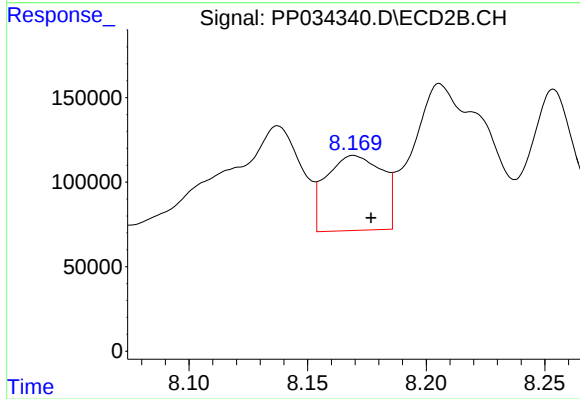
#36 AR-1262-1

R.T.: 7.642 min  
Delta R.T.: 0.012 min  
Response: 123764  
Conc: 122.57 ng/ml



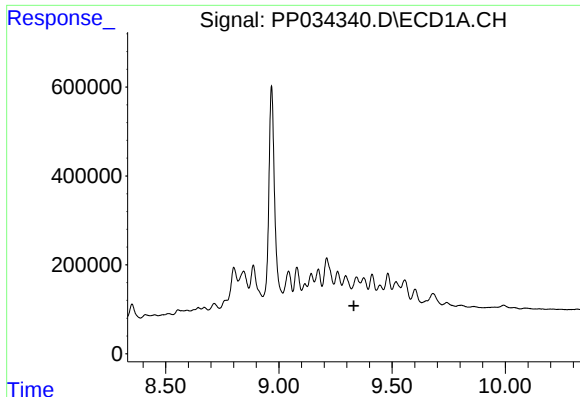
#37 AR-1262-2

R.T.: 9.043 min  
Delta R.T.: 0.015 min  
Response: 822548  
Conc: 108.52 ng/ml



#37 AR-1262-2

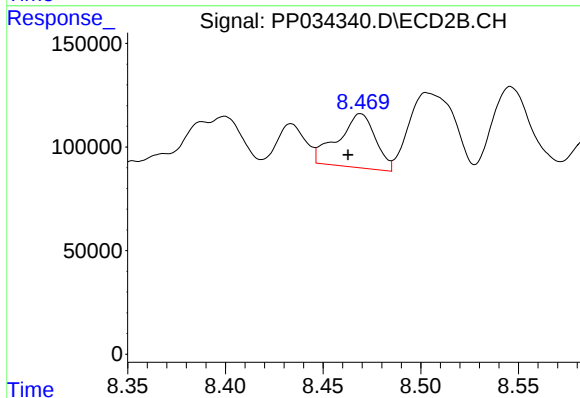
R.T.: 8.169 min  
Delta R.T.: -0.007 min  
Response: 728030  
Conc: 225.55 ng/ml



#38 AR-1262-3

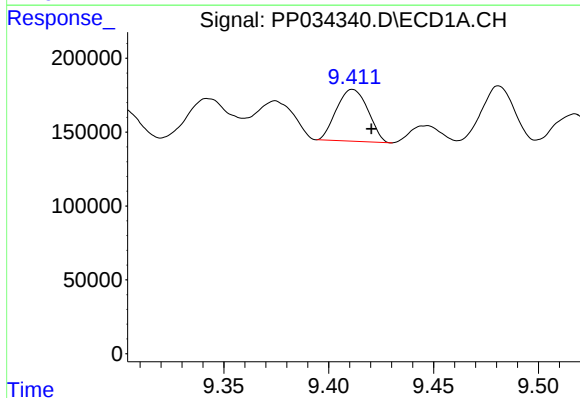
R.T.: 9.342 min  
Delta R.T.: 0.012 min  
Response: -12752  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



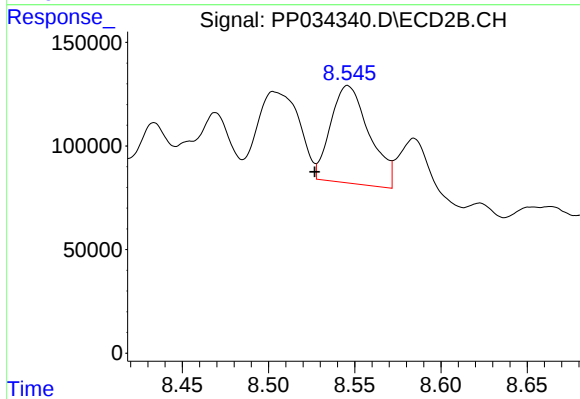
#38 AR-1262-3

R.T.: 8.469 min  
Delta R.T.: 0.006 min  
Response: 346739  
Conc: 253.08 ng/ml



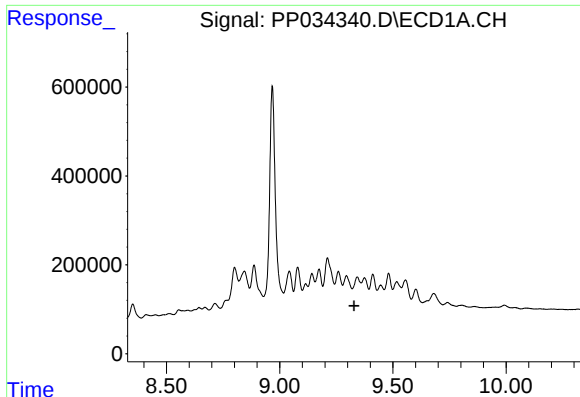
#39 AR-1262-4

R.T.: 9.411 min  
Delta R.T.: -0.009 min  
Response: 366309  
Conc: 85.00 ng/ml



#39 AR-1262-4

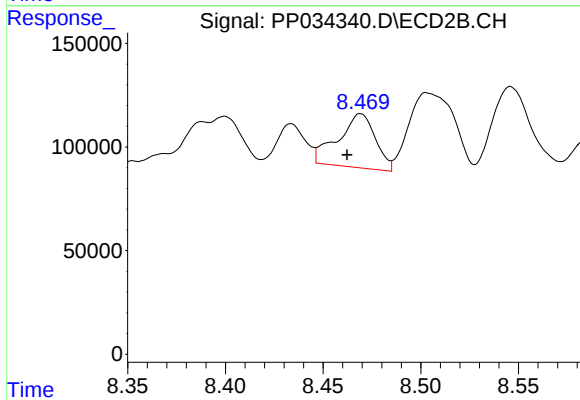
R.T.: 8.546 min  
Delta R.T.: 0.019 min  
Response: 734571  
Conc: 303.35 ng/ml



#41 AR-1268-1

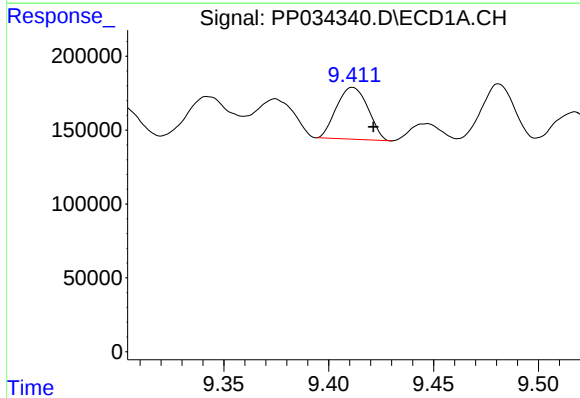
R.T.: 9.342 min  
Delta R.T.: 0.014 min  
Response: -12752  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



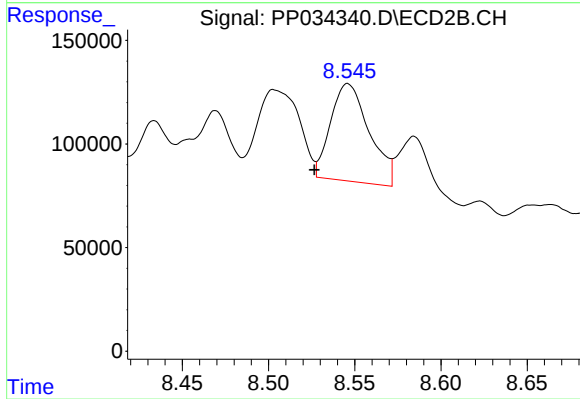
#41 AR-1268-1

R.T.: 8.469 min  
Delta R.T.: 0.007 min  
Response: 346739  
Conc: 87.60 ng/ml



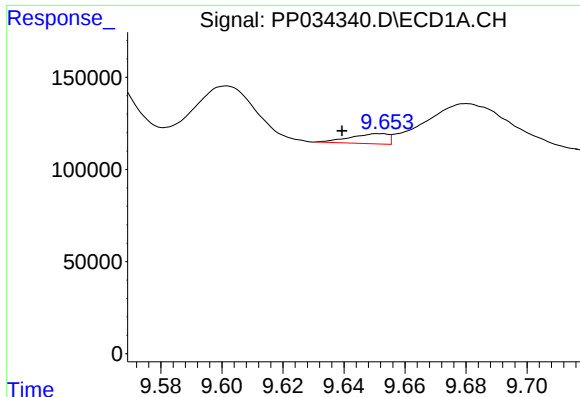
#42 AR-1268-2

R.T.: 9.411 min  
Delta R.T.: -0.010 min  
Response: 366309  
Conc: 39.26 ng/ml



#42 AR-1268-2

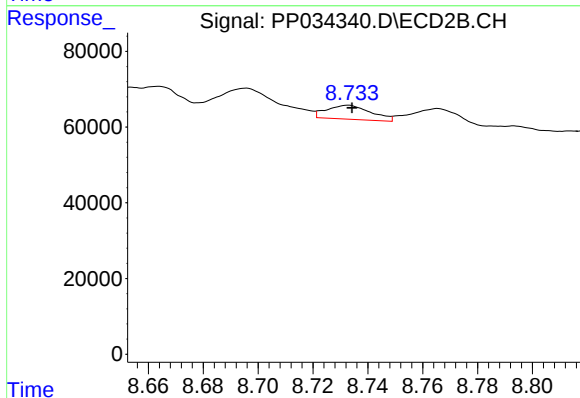
R.T.: 8.546 min  
Delta R.T.: 0.019 min  
Response: 734571  
Conc: 199.00 ng/ml



#43 AR-1268-3

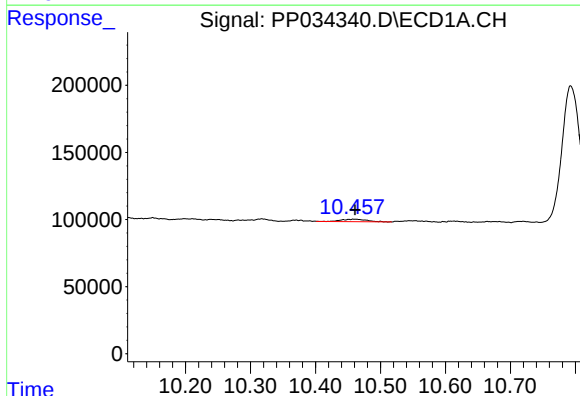
R.T.: 9.652 min  
Delta R.T.: 0.012 min  
Response: 47060  
Conc: 5.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



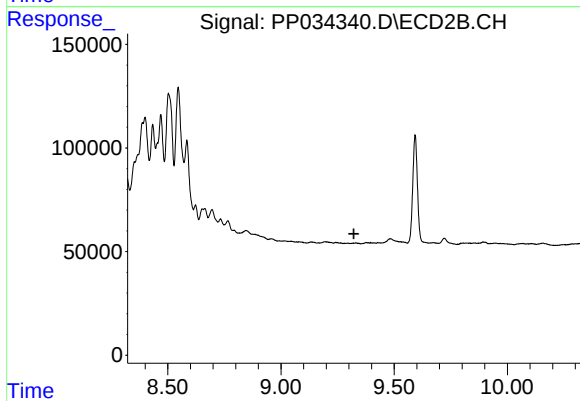
#43 AR-1268-3

R.T.: 8.733 min  
Delta R.T.: -0.001 min  
Response: 41612  
Conc: 12.21 ng/ml



#45 AR-1268-5

R.T.: 10.458 min  
Delta R.T.: -0.002 min  
Response: 48830  
Conc: 1.77 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.322 min  
Response: 0  
Conc: N.D.