

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP111821\  
 Data File : PP041087.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 19 Nov 2021 1:01  
 Operator : AJ\MA  
 Sample : M4737-06  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 19 03:04:55 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP111521.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 16 04:45:00 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... | 4.756  | 3.761  | 39226  | 395738 | 1.860   | 14.240 #  |
| 2)                          | SA Decachlor... | 10.656 | 9.022  | 87001  | 133760 | 3.983   | 9.331 #   |
| Target Compounds            |                 |        |        |        |        |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.998  | 0      | 61903  | N.D.    | 72.942 #  |
| 5)                          | L1 AR-1016-3    | 6.167  | 5.203f | 56365  | 74413  | 79.225  | 110.435 # |
| 6)                          | L1 AR-1016-4    | 6.282  | 0.000  | 92711  | 0      | 164.360 | N.D. #    |
| 8)                          | L2 AR-1221-1    | 5.006  | 3.989f | 177791 | 9454   | 784.791 | 29.614 #  |
| 10)                         | L2 AR-1221-3    | 5.211f | 0.000  | 354294 | 0      | 662.297 | N.D. #    |
| 11)                         | L3 AR-1232-1    | 5.211f | 0.000  | 354294 | 0      | 799.726 | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.761f | 4.998f | 51300  | 61903  | 222.295 | 124.535 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.203f | 0      | 74413  | N.D.    | 277.919 # |
| 14)                         | L3 AR-1232-4    | 6.282  | 5.328  | 92711  | 73173  | 456.219 | 311.909 # |
| 16)                         | L4 AR-1242-1    | 6.040f | 4.998  | 8495   | 61903  | 16.435  | 97.525 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.998f | 0      | 61903  | N.D.    | 67.314 #  |
| 18)                         | L4 AR-1242-3    | 6.167  | 5.203f | 56365  | 74413  | 107.254 | 146.585 # |
| 19)                         | L4 AR-1242-4    | 6.282  | 5.328  | 92711  | 73173  | 229.733 | 149.063 # |
| 20)                         | L4 AR-1242-5    | 7.050  | 5.871  | 125914 | 128527 | 281.674 | 238.053   |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.998  | 0      | 61903  | N.D.    | 128.143 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.242f | 0      | 71189  | N.D.    | 104.930 # |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.328  | 0      | 73173  | N.D.    | 104.866 # |
| 24)                         | L5 AR-1248-4    | 7.013  | 0.000  | 74844  | 0      | 100.316 | N.D. #    |
| 25)                         | L5 AR-1248-5    | 7.050  | 5.911  | 125914 | 42913  | 166.536 | 59.275 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.871  | 0      | 128527 | N.D.    | 112.870 # |
| 27)                         | L6 AR-1254-2    | 7.200  | 6.061f | 54162  | 12743  | 43.819  | 12.996 #  |
| 28)                         | L6 AR-1254-3    | 7.585  | 6.439f | 49842  | 192601 | 37.222  | 133.152 # |
| 29)                         | L6 AR-1254-4    | 7.881  | 6.703  | 145501 | 27247  | 152.463 | 32.847 #  |
| 30)                         | L6 AR-1254-5    | 8.289f | 7.123  | 29019  | 18194  | 27.302  | 15.608 #  |
| 31)                         | L7 AR-1260-1    | 7.743  | 6.617f | 28681  | 117546 | 29.098  | 122.785 # |
| 32)                         | L7 AR-1260-2    | 8.022  | 6.800  | 243673 | 22466  | 206.190 | 20.706 #  |
| 33)                         | L7 AR-1260-3    | 8.372  | 6.946  | 15990  | 23256  | 17.614  | 23.178 #  |
| 34)                         | L7 AR-1260-4    | 8.605  | 7.418  | 37169  | 42843  | 34.400  | 52.235 #  |
| 35)                         | L7 AR-1260-5    | 8.922  | 7.683  | 21151  | 58902  | 10.149  | 33.749 #  |
| 36)                         | L8 AR-1262-1    | 8.372  | 7.123  | 15990  | 18194  | 13.383  | 30.715 #  |
| 37)                         | L8 AR-1262-2    | 8.922  | 7.683  | 21151  | 58902  | 10.028  | 35.585 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.946f | 0      | 53566  | N.D.    | 74.365 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.018  | 0      | 37415  | N.D.    | 29.097 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.946f | 0      | 53566  | N.D.    | 25.717 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.018  | 0      | 37415  | N.D.    | 19.636 #  |
| -----                       |                 |        |        |        |        |         |           |

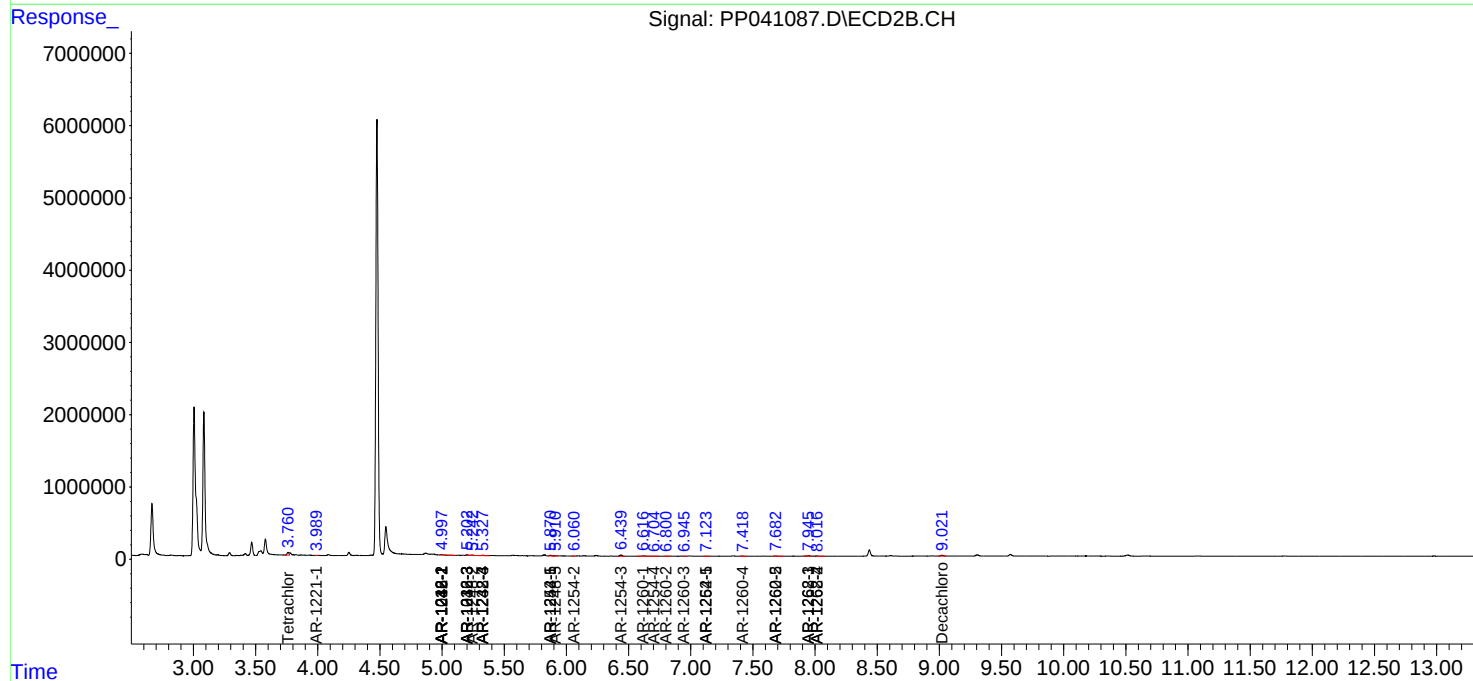
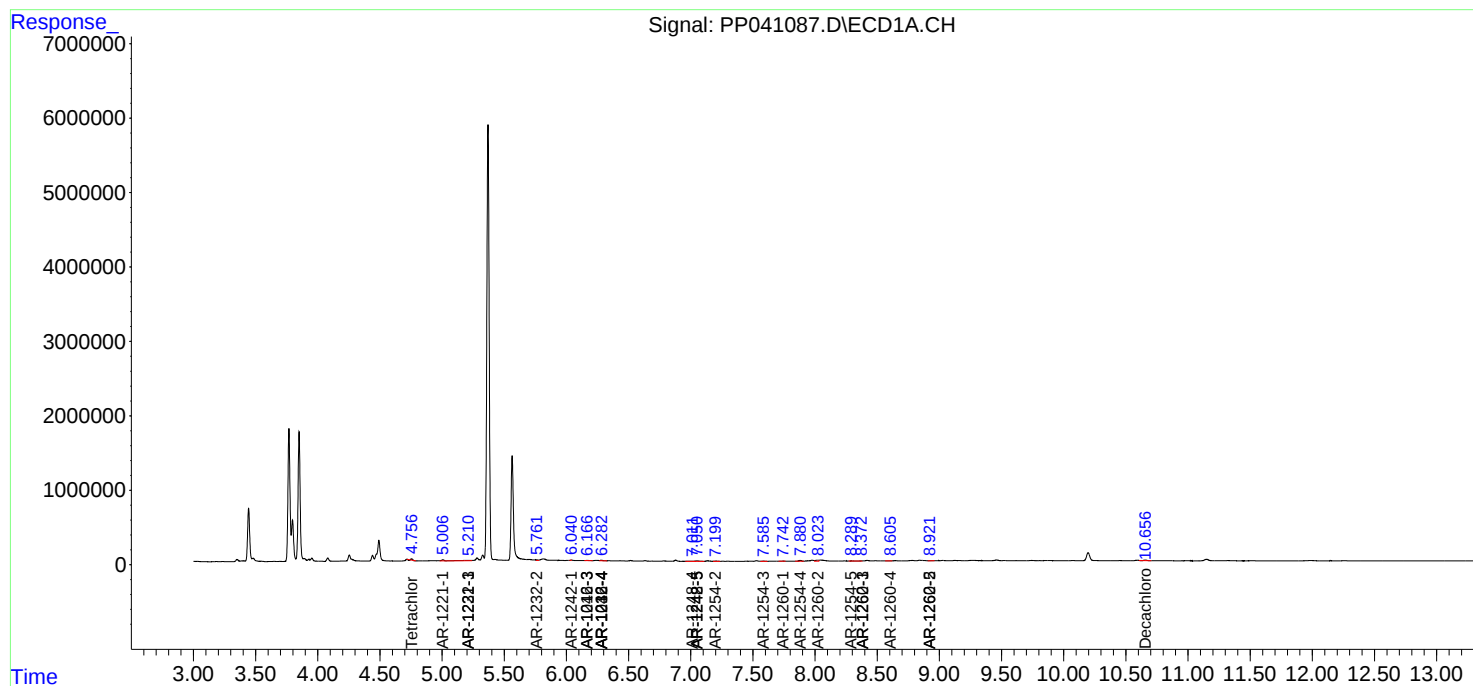
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

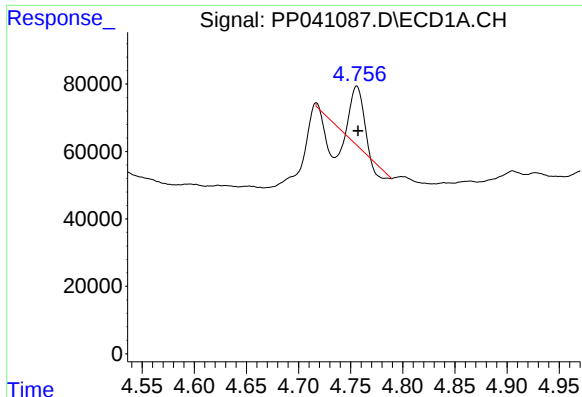
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP111821\  
Data File : PP041087.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 19 Nov 2021 1:01  
Operator : AJ\MA  
Sample : M4737-06  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 19 03:04:55 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP111521.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 16 04:45:00 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

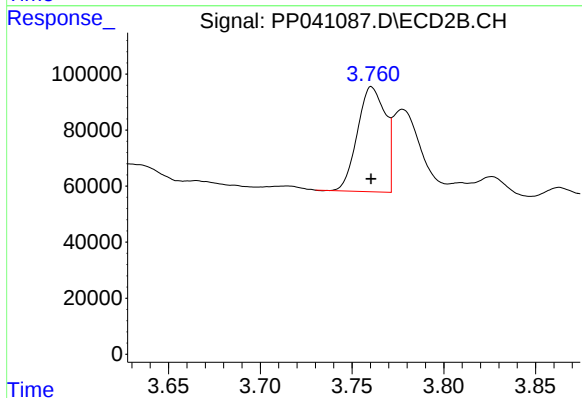




#1 Tetrachloro-m-xylene

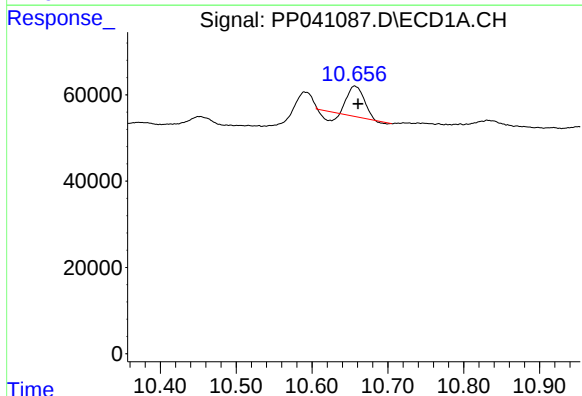
R.T.: 4.756 min  
Delta R.T.: -0.001 min  
Response: 39226  
Conc: 1.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



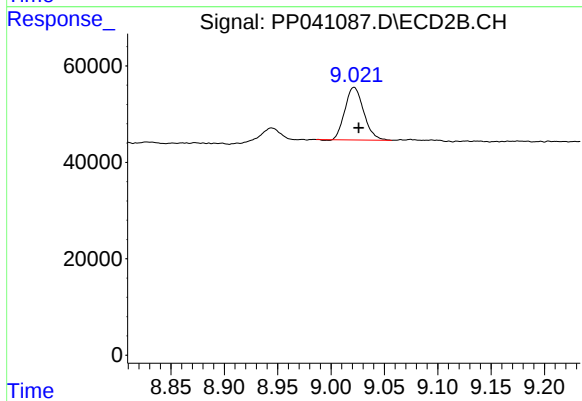
#1 Tetrachloro-m-xylene

R.T.: 3.761 min  
Delta R.T.: 0.000 min  
Response: 395738  
Conc: 14.24 ng/ml



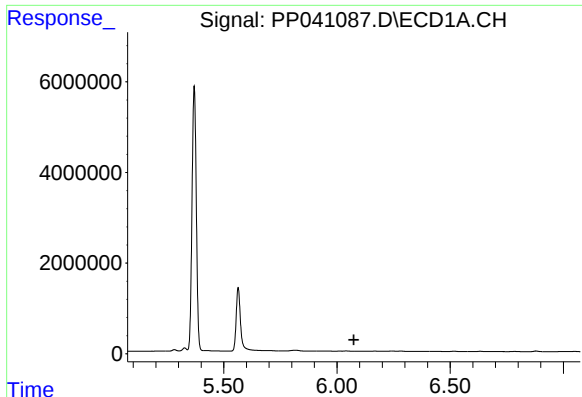
#2 Decachlorobiphenyl

R.T.: 10.656 min  
Delta R.T.: -0.005 min  
Response: 87001  
Conc: 3.98 ng/ml



#2 Decachlorobiphenyl

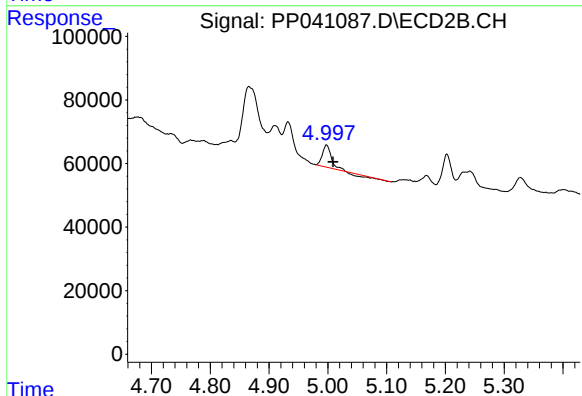
R.T.: 9.022 min  
Delta R.T.: -0.004 min  
Response: 133760  
Conc: 9.33 ng/ml



#3 AR-1016-1

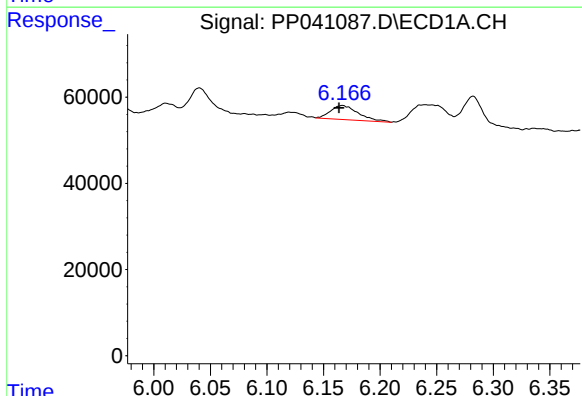
R.T.: 0.000 min  
Exp R.T.: 6.075 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



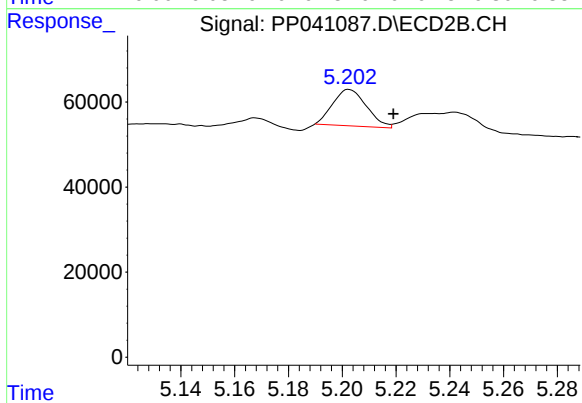
#3 AR-1016-1

R.T.: 4.998 min  
Delta R.T.: -0.011 min  
Response: 61903  
Conc: 72.94 ng/ml



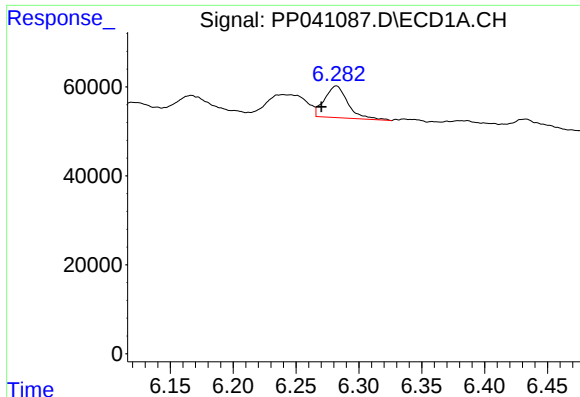
#5 AR-1016-3

R.T.: 6.167 min  
Delta R.T.: 0.003 min  
Response: 56365  
Conc: 79.22 ng/ml



#5 AR-1016-3

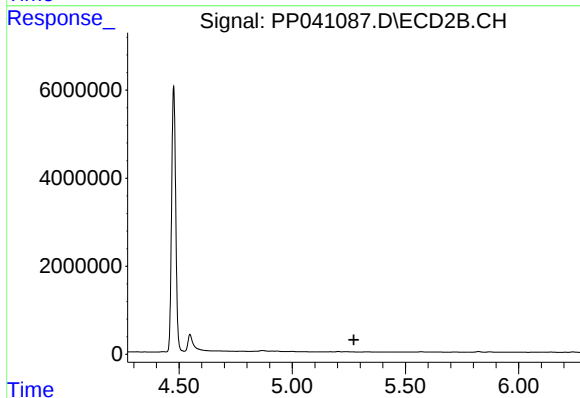
R.T.: 5.203 min  
Delta R.T.: -0.016 min  
Response: 74413  
Conc: 110.44 ng/ml



#6 AR-1016-4

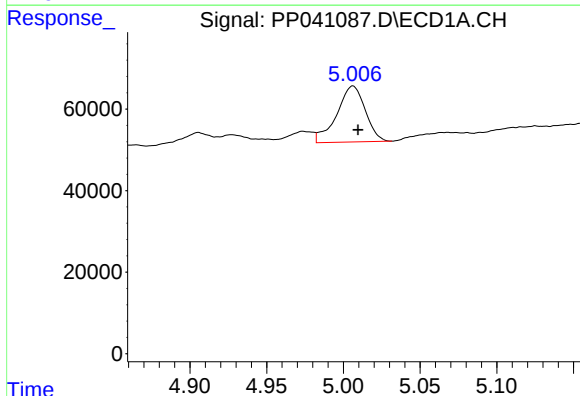
R.T.: 6.282 min  
Delta R.T.: 0.012 min  
Response: 92711  
Conc: 164.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



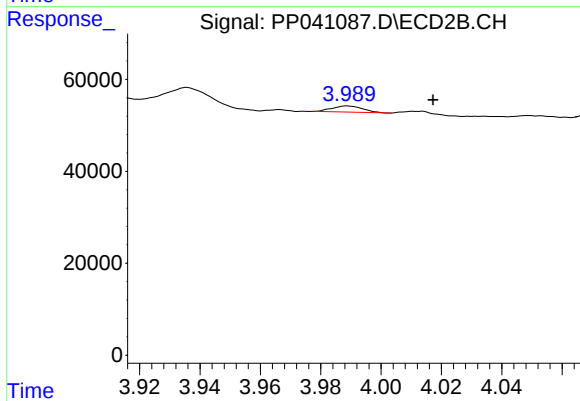
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.272 min  
Response: 0  
Conc: N.D.



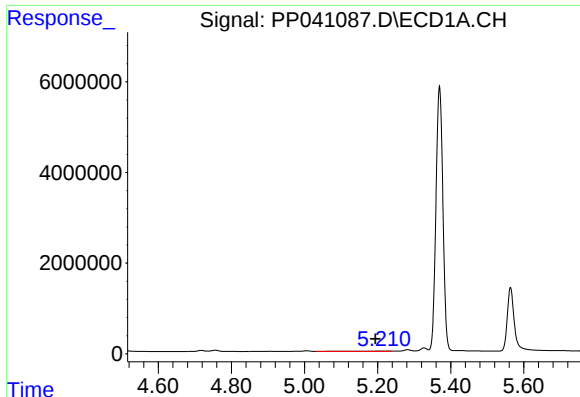
#8 AR-1221-1

R.T.: 5.006 min  
Delta R.T.: -0.003 min  
Response: 177791  
Conc: 784.79 ng/ml



#8 AR-1221-1

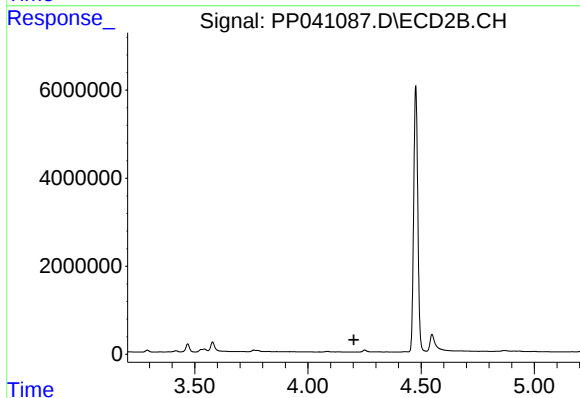
R.T.: 3.989 min  
Delta R.T.: -0.028 min  
Response: 9454  
Conc: 29.61 ng/ml



#10 AR-1221-3

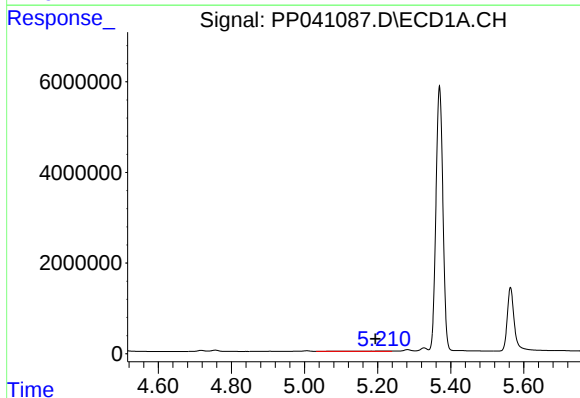
R.T.: 5.211 min  
Delta R.T.: 0.016 min  
Response: 354294  
Conc: 662.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



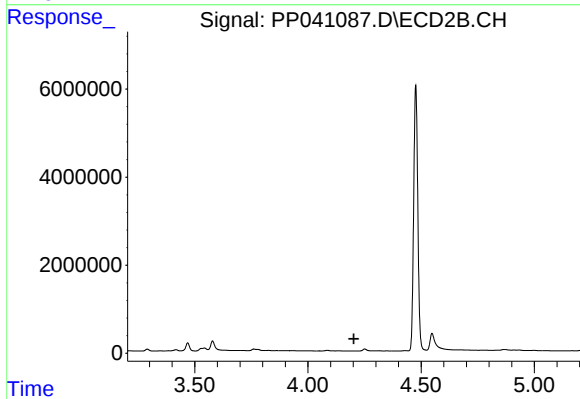
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.203 min  
Response: 0  
Conc: N.D.



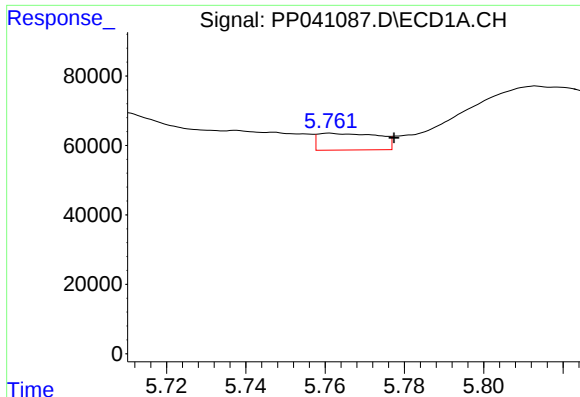
#11 AR-1232-1

R.T.: 5.211 min  
Delta R.T.: 0.017 min  
Response: 354294  
Conc: 799.73 ng/ml



#11 AR-1232-1

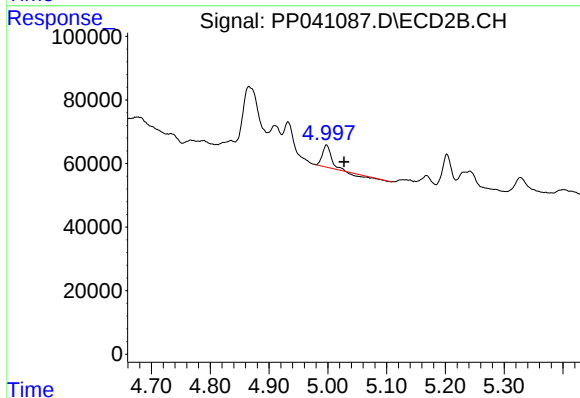
R.T.: 0.000 min  
Exp R.T. : 4.203 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

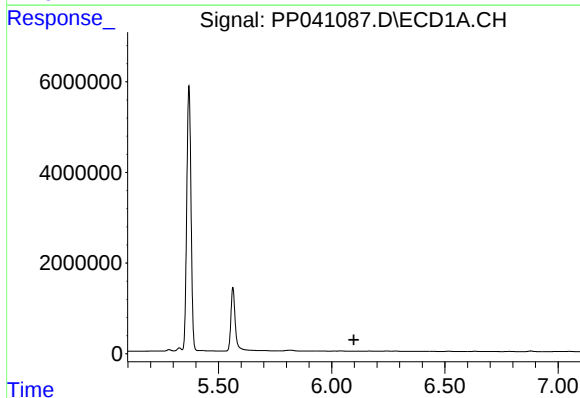
R.T.: 5.761 min  
Delta R.T.: -0.016 min  
Response: 51300  
Conc: 222.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



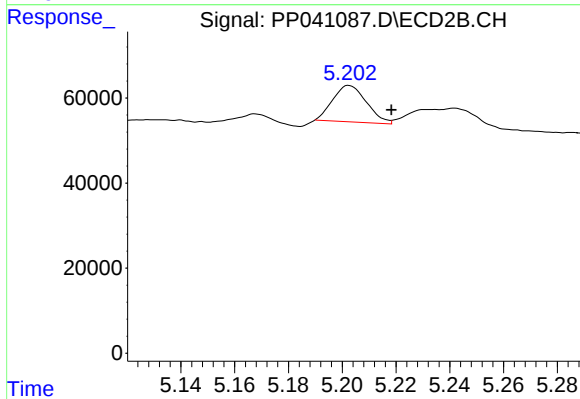
#12 AR-1232-2

R.T.: 4.998 min  
Delta R.T.: -0.030 min  
Response: 61903  
Conc: 124.53 ng/ml



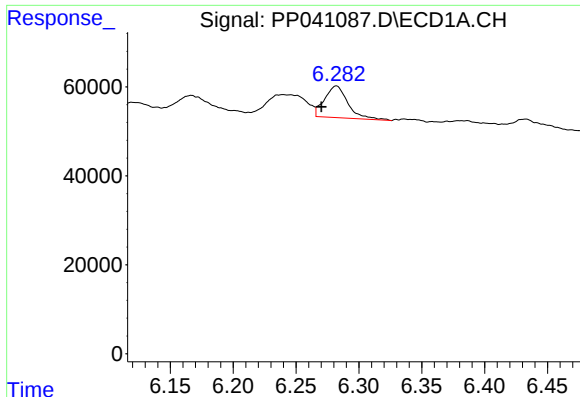
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 6.098 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

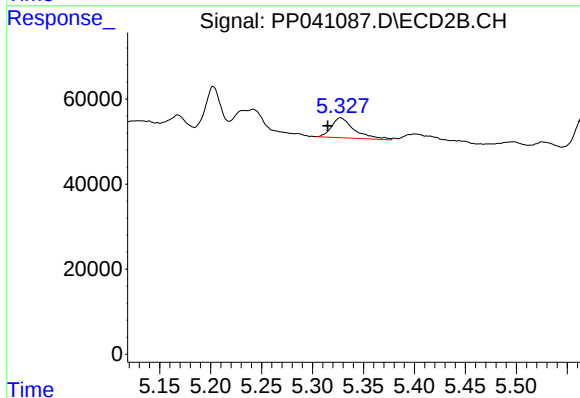
R.T.: 5.203 min  
Delta R.T.: -0.016 min  
Response: 74413  
Conc: 277.92 ng/ml



#14 AR-1232-4

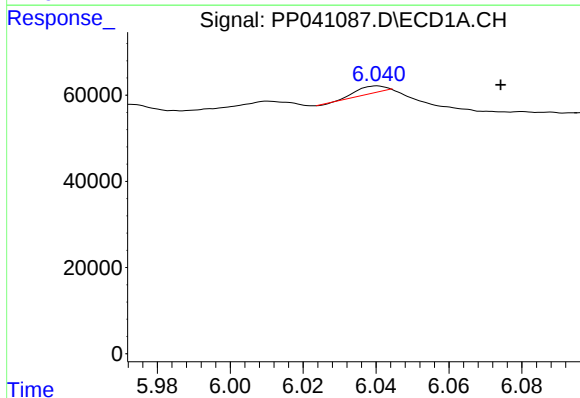
R.T.: 6.282 min  
Delta R.T.: 0.012 min  
Response: 92711  
Conc: 456.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



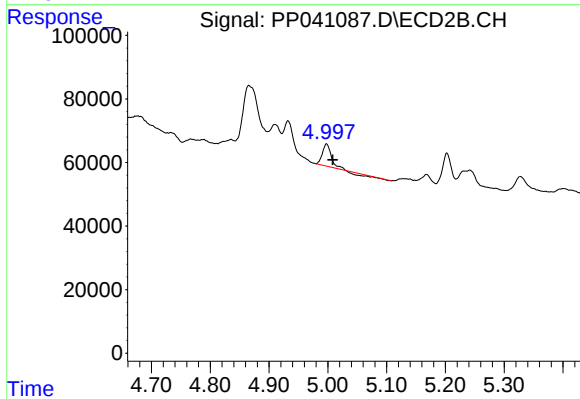
#14 AR-1232-4

R.T.: 5.328 min  
Delta R.T.: 0.013 min  
Response: 73173  
Conc: 311.91 ng/ml



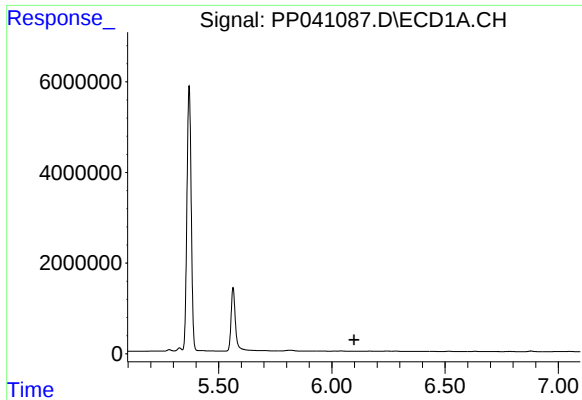
#16 AR-1242-1

R.T.: 6.040 min  
Delta R.T.: -0.034 min  
Response: 8495  
Conc: 16.43 ng/ml



#16 AR-1242-1

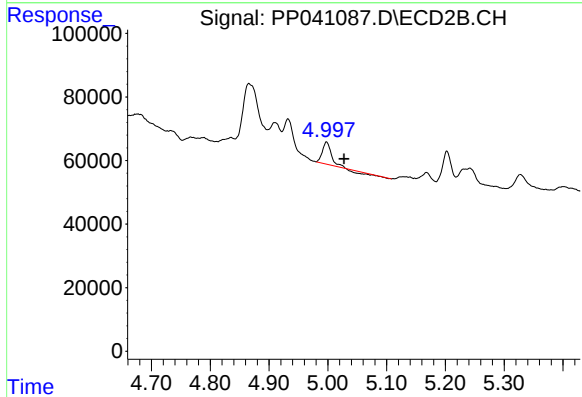
R.T.: 4.998 min  
Delta R.T.: -0.011 min  
Response: 61903  
Conc: 97.52 ng/ml



#17 AR-1242-2

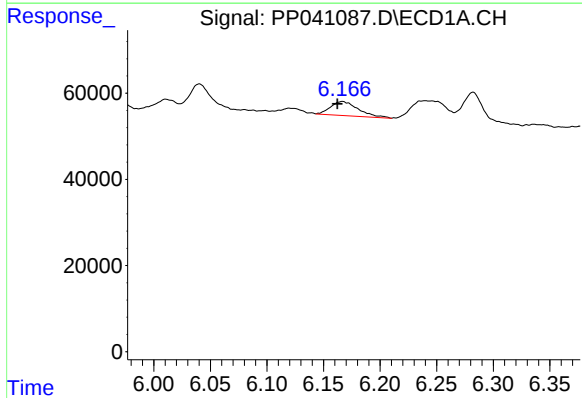
R.T.: 0.000 min  
Exp R.T.: 6.098 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



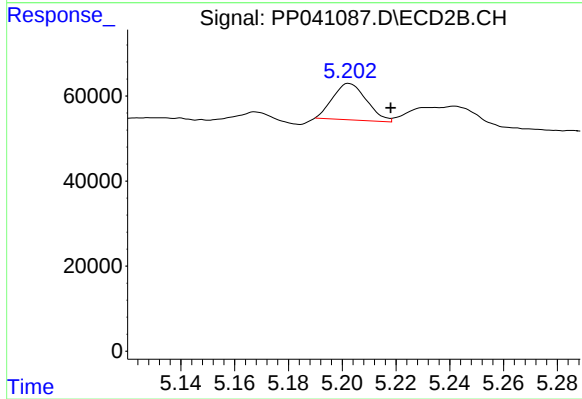
#17 AR-1242-2

R.T.: 4.998 min  
Delta R.T.: -0.030 min  
Response: 61903  
Conc: 67.31 ng/ml



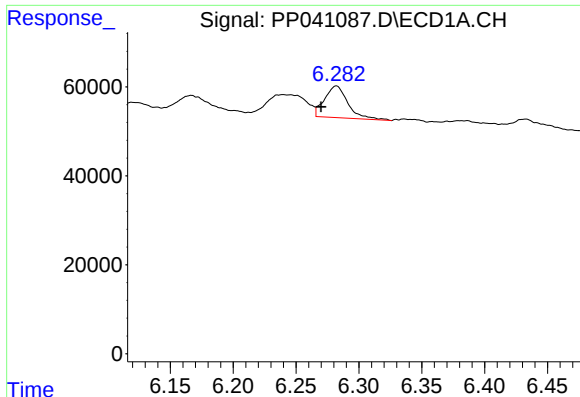
#18 AR-1242-3

R.T.: 6.167 min  
Delta R.T.: 0.004 min  
Response: 56365  
Conc: 107.25 ng/ml



#18 AR-1242-3

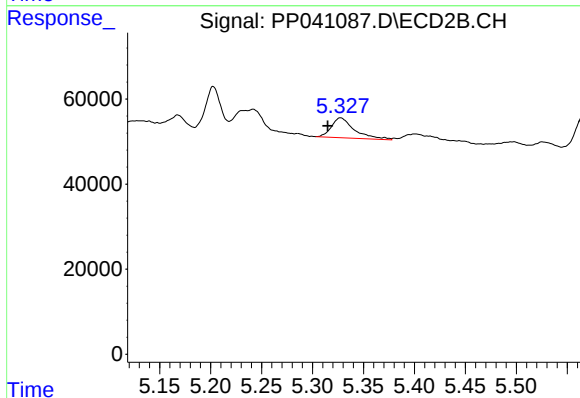
R.T.: 5.203 min  
Delta R.T.: -0.015 min  
Response: 74413  
Conc: 146.59 ng/ml



#19 AR-1242-4

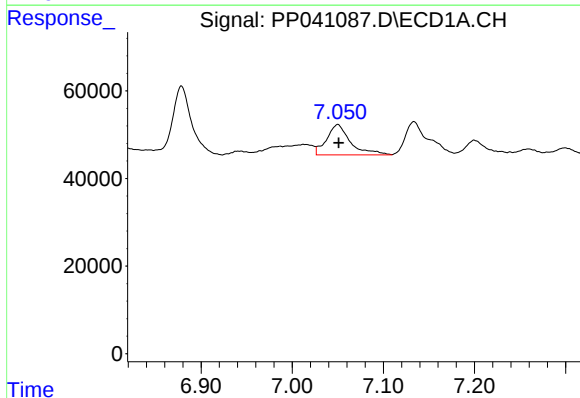
R.T.: 6.282 min  
Delta R.T.: 0.012 min  
Response: 92711  
Conc: 229.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



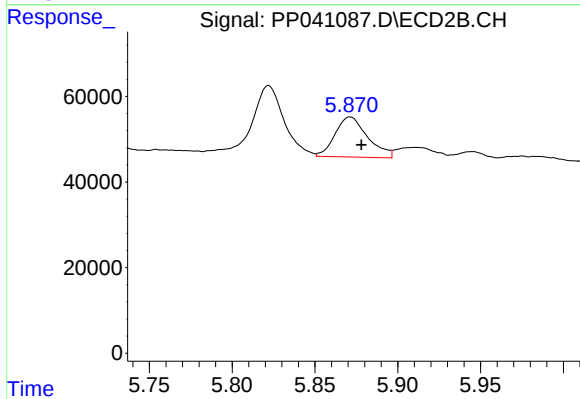
#19 AR-1242-4

R.T.: 5.328 min  
Delta R.T.: 0.013 min  
Response: 73173  
Conc: 149.06 ng/ml



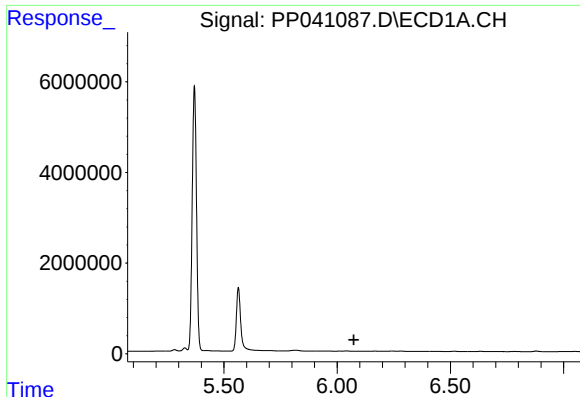
#20 AR-1242-5

R.T.: 7.050 min  
Delta R.T.: -0.001 min  
Response: 125914  
Conc: 281.67 ng/ml



#20 AR-1242-5

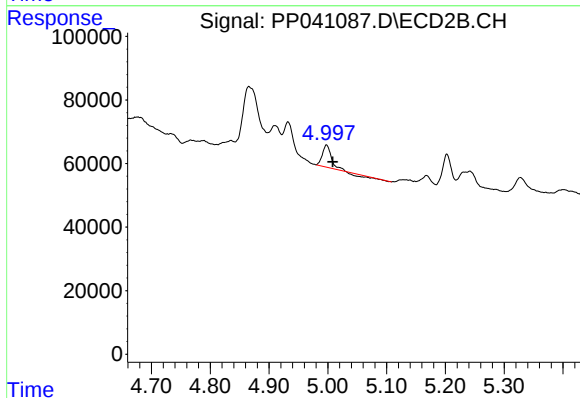
R.T.: 5.871 min  
Delta R.T.: -0.007 min  
Response: 128527  
Conc: 238.05 ng/ml



#21 AR-1248-1

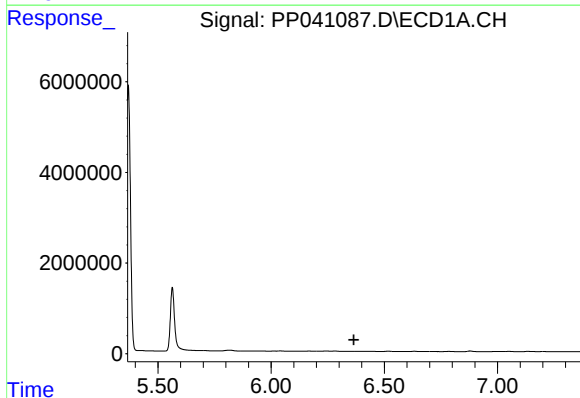
R.T.: 0.000 min  
Exp R.T.: 6.074 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



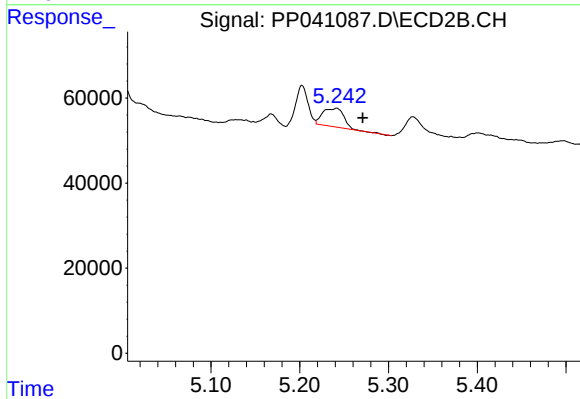
#21 AR-1248-1

R.T.: 4.998 min  
Delta R.T.: -0.010 min  
Response: 61903  
Conc: 128.14 ng/ml



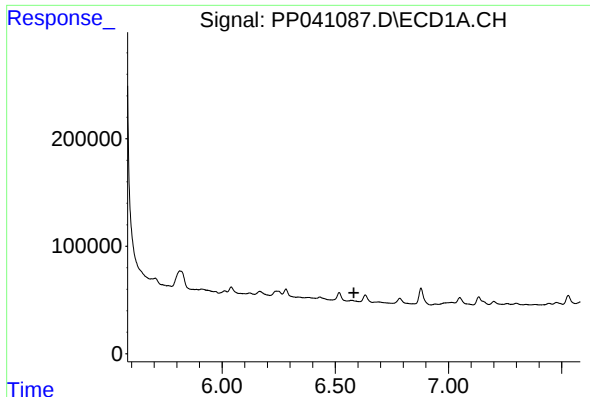
#22 AR-1248-2

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



#22 AR-1248-2

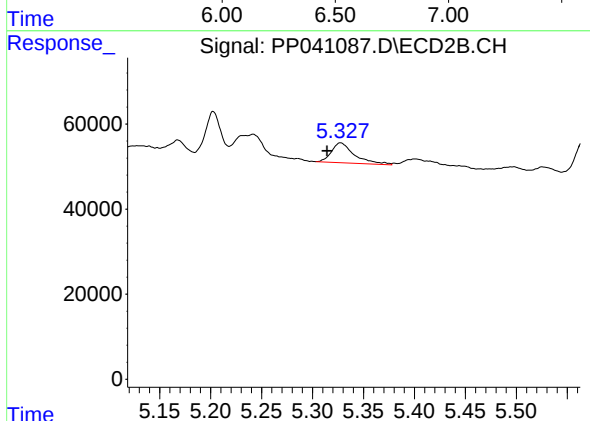
R.T.: 5.242 min  
Delta R.T.: -0.029 min  
Response: 71189  
Conc: 104.93 ng/ml



#23 AR-1248-3

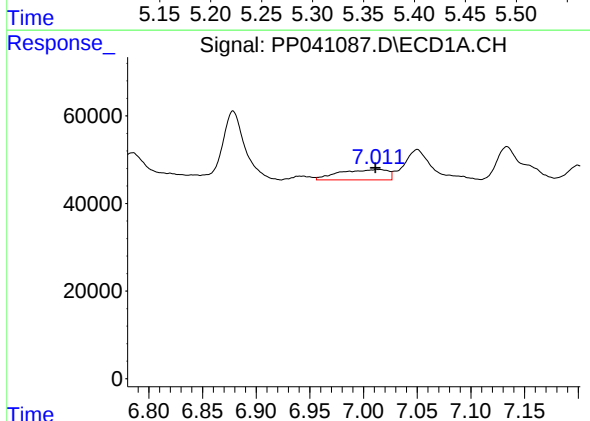
R.T.: 0.000 min  
Exp R.T.: 6.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



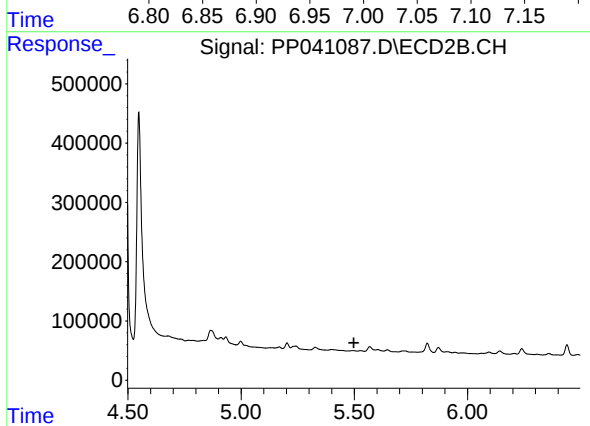
#23 AR-1248-3

R.T.: 5.328 min  
Delta R.T.: 0.013 min  
Response: 73173  
Conc: 104.87 ng/ml



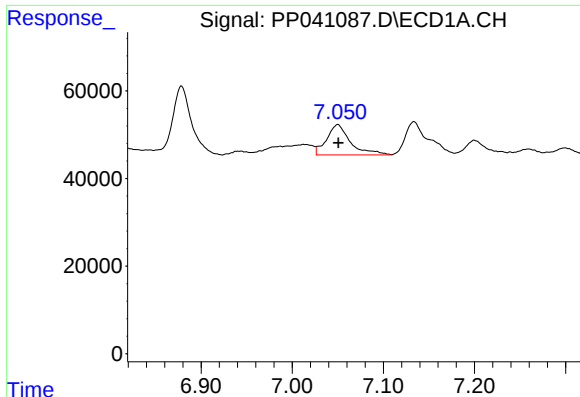
#24 AR-1248-4

R.T.: 7.013 min  
Delta R.T.: 0.002 min  
Response: 74844  
Conc: 100.32 ng/ml



#24 AR-1248-4

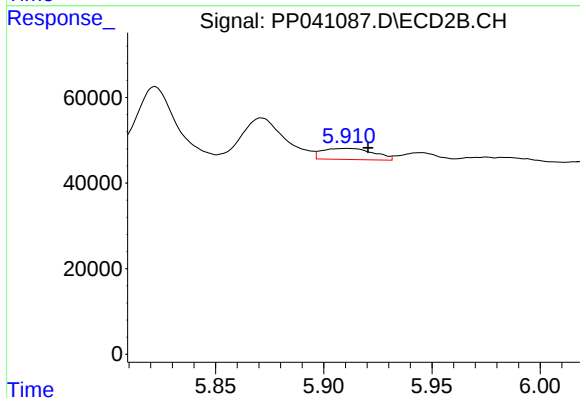
R.T.: 0.000 min  
Exp R.T.: 5.498 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

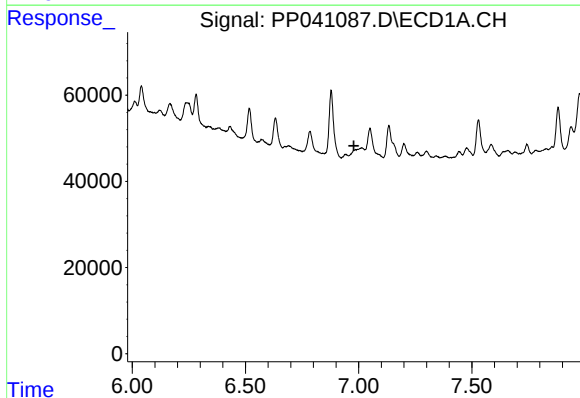
R.T.: 7.050 min  
Delta R.T.: 0.000 min  
Response: 125914  
Conc: 166.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



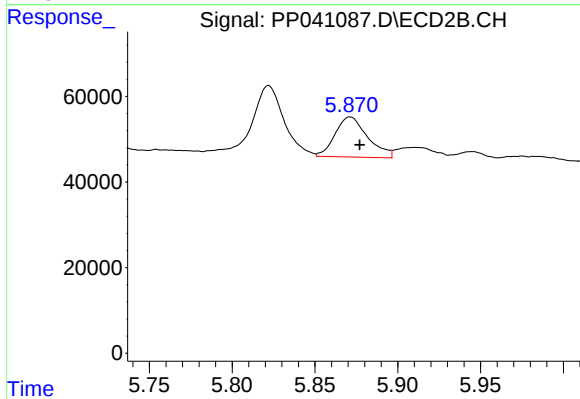
#25 AR-1248-5

R.T.: 5.911 min  
Delta R.T.: -0.009 min  
Response: 42913  
Conc: 59.28 ng/ml



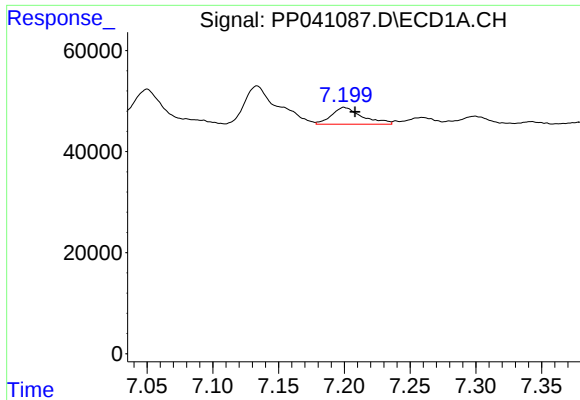
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 6.979 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

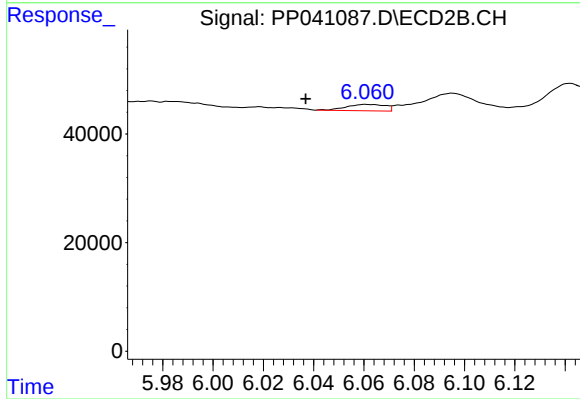
R.T.: 5.871 min  
Delta R.T.: -0.006 min  
Response: 128527  
Conc: 112.87 ng/ml



#27 AR-1254-2

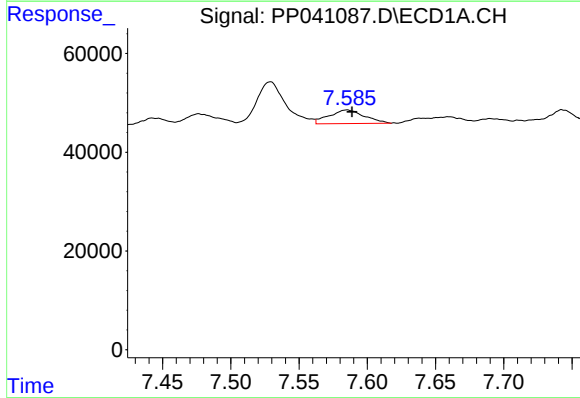
R.T.: 7.200 min  
Delta R.T.: -0.008 min  
Response: 54162  
Conc: 43.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



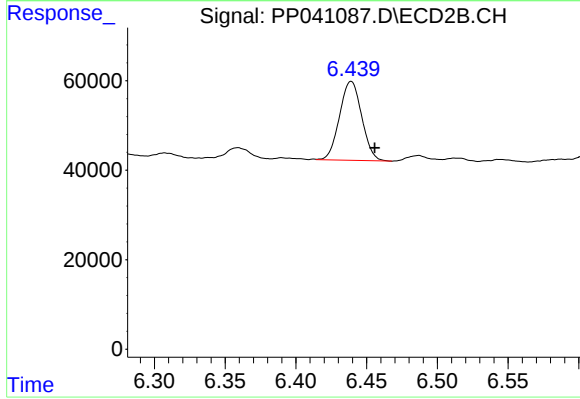
#27 AR-1254-2

R.T.: 6.061 min  
Delta R.T.: 0.024 min  
Response: 12743  
Conc: 13.00 ng/ml



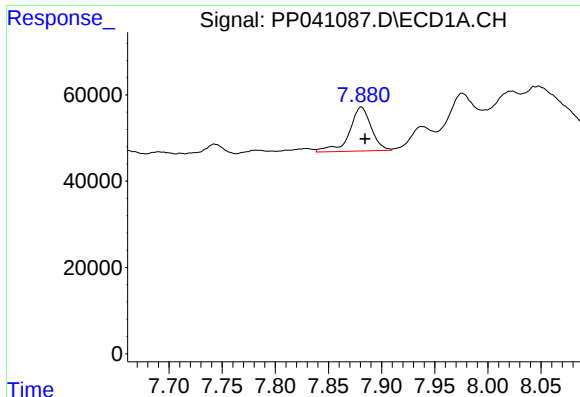
#28 AR-1254-3

R.T.: 7.585 min  
Delta R.T.: -0.004 min  
Response: 49842  
Conc: 37.22 ng/ml



#28 AR-1254-3

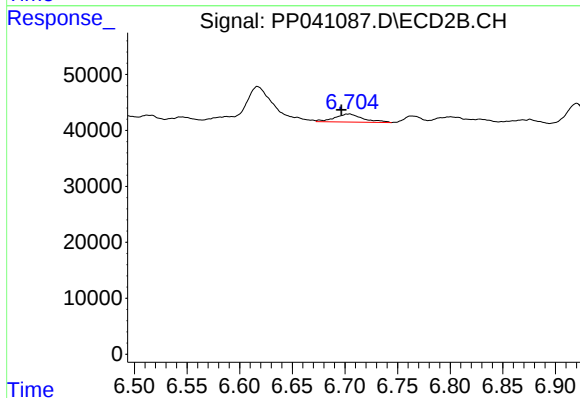
R.T.: 6.439 min  
Delta R.T.: -0.017 min  
Response: 192601  
Conc: 133.15 ng/ml



#29 AR-1254-4

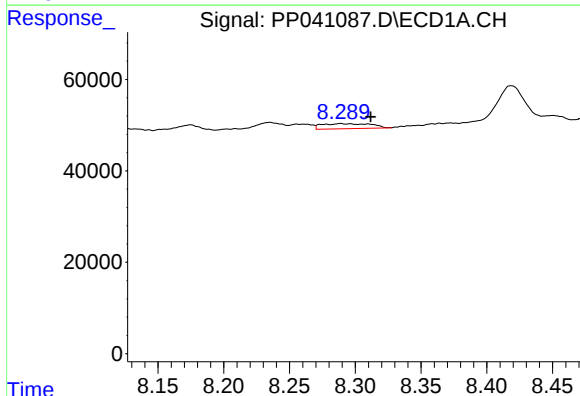
R.T.: 7.881 min  
Delta R.T.: -0.004 min  
Response: 145501  
Conc: 152.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



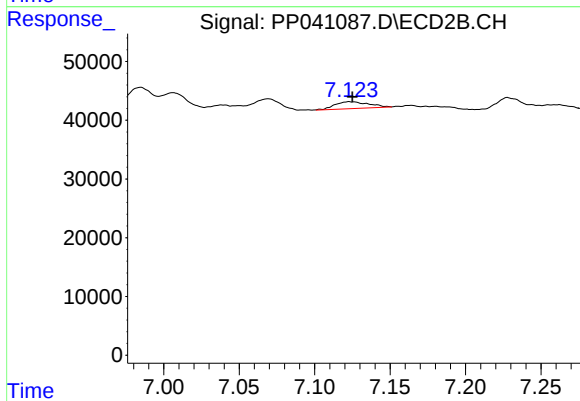
#29 AR-1254-4

R.T.: 6.703 min  
Delta R.T.: 0.007 min  
Response: 27247  
Conc: 32.85 ng/ml



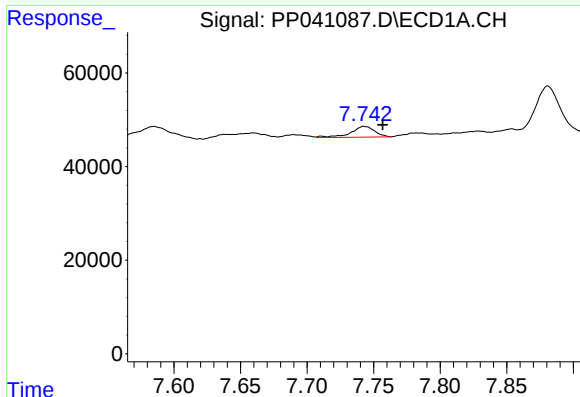
#30 AR-1254-5

R.T.: 8.289 min  
Delta R.T.: -0.023 min  
Response: 29019  
Conc: 27.30 ng/ml



#30 AR-1254-5

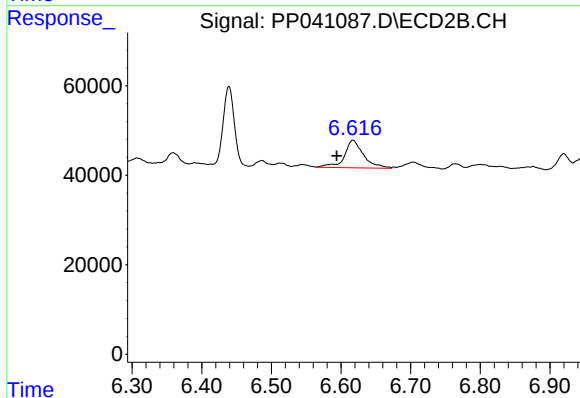
R.T.: 7.123 min  
Delta R.T.: -0.002 min  
Response: 18194  
Conc: 15.61 ng/ml



#31 AR-1260-1

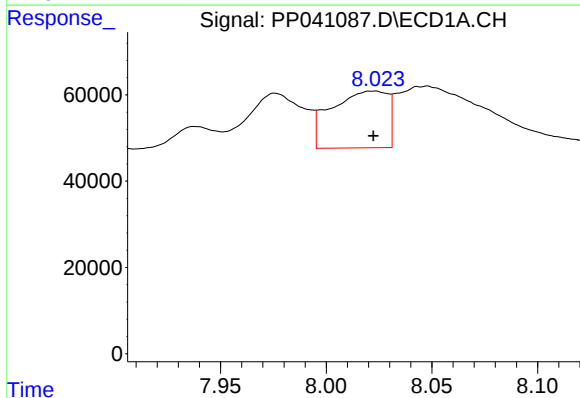
R.T.: 7.743 min  
Delta R.T.: -0.014 min  
Response: 28681  
Conc: 29.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



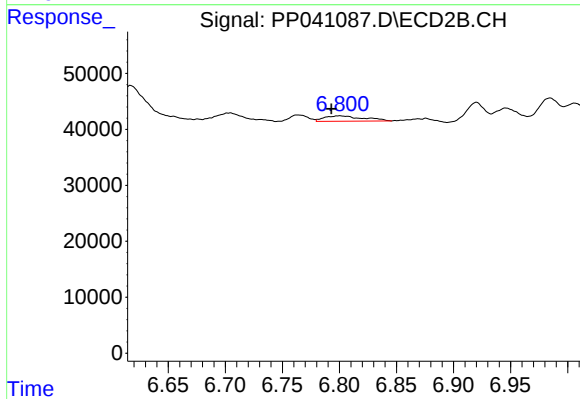
#31 AR-1260-1

R.T.: 6.617 min  
Delta R.T.: 0.023 min  
Response: 117546  
Conc: 122.78 ng/ml



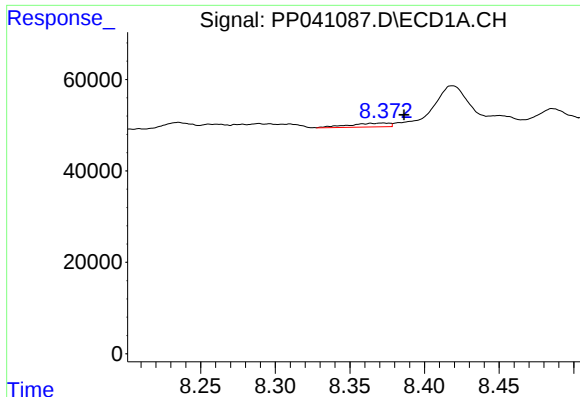
#32 AR-1260-2

R.T.: 8.022 min  
Delta R.T.: 0.000 min  
Response: 243673  
Conc: 206.19 ng/ml



#32 AR-1260-2

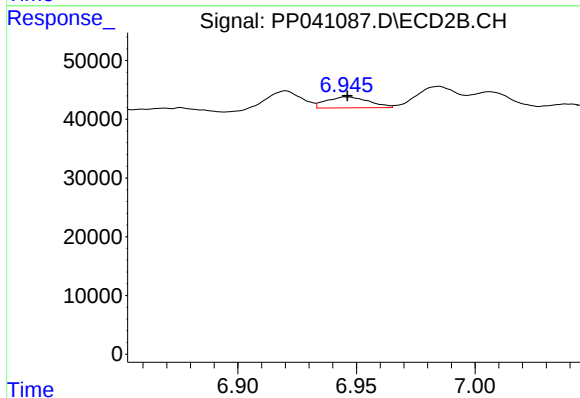
R.T.: 6.800 min  
Delta R.T.: 0.007 min  
Response: 22466  
Conc: 20.71 ng/ml



#33 AR-1260-3

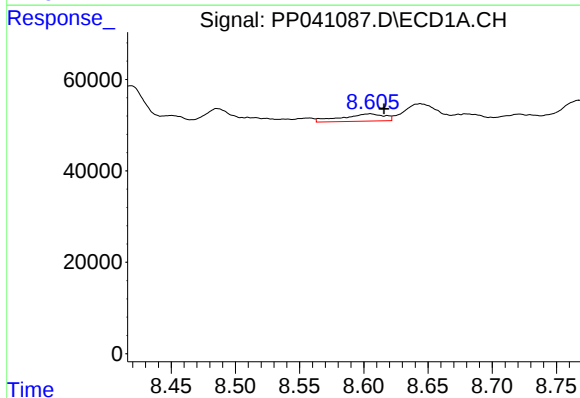
R.T.: 8.372 min  
Delta R.T.: -0.014 min  
Response: 15990  
Conc: 17.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



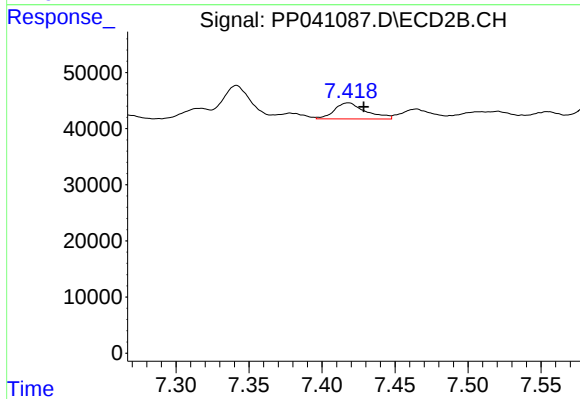
#33 AR-1260-3

R.T.: 6.946 min  
Delta R.T.: 0.000 min  
Response: 23256  
Conc: 23.18 ng/ml



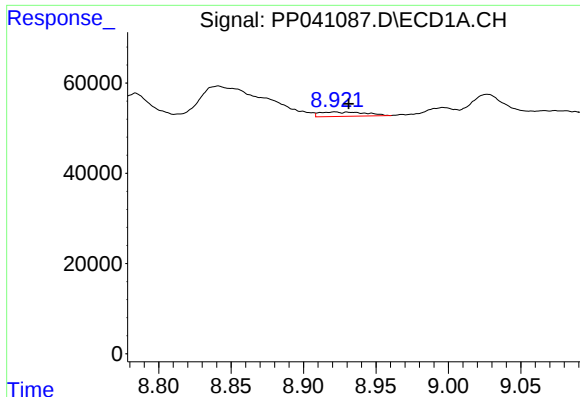
#34 AR-1260-4

R.T.: 8.605 min  
Delta R.T.: -0.011 min  
Response: 37169  
Conc: 34.40 ng/ml



#34 AR-1260-4

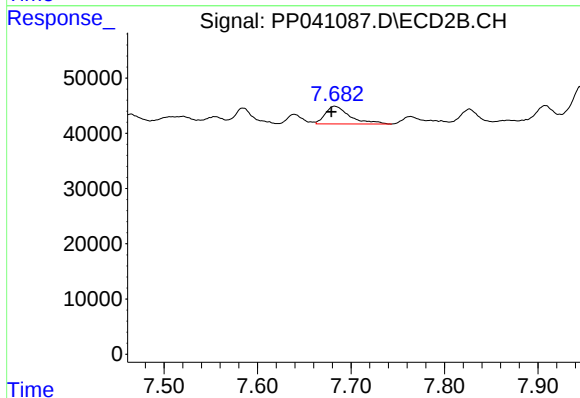
R.T.: 7.418 min  
Delta R.T.: -0.010 min  
Response: 42843  
Conc: 52.24 ng/ml



#35 AR-1260-5

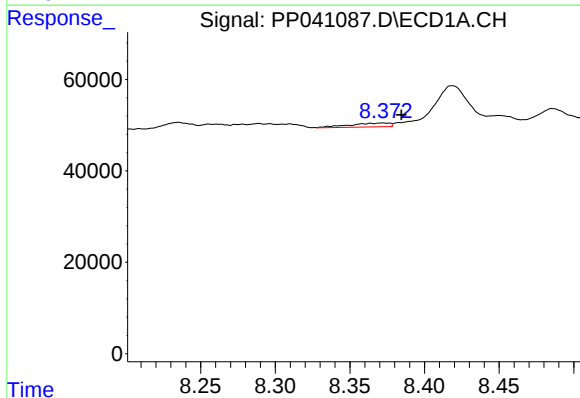
R.T.: 8.922 min  
Delta R.T.: -0.009 min  
Response: 21151  
Conc: 10.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



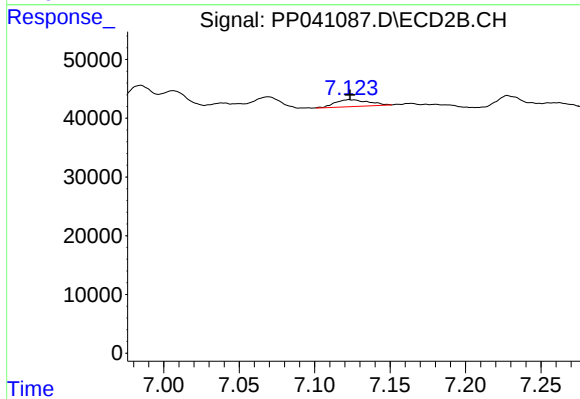
#35 AR-1260-5

R.T.: 7.683 min  
Delta R.T.: 0.004 min  
Response: 58902  
Conc: 33.75 ng/ml



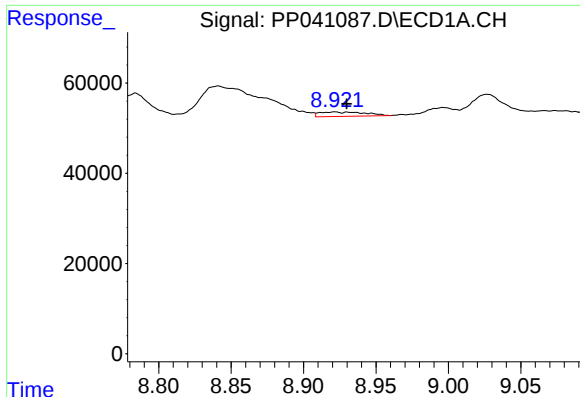
#36 AR-1262-1

R.T.: 8.372 min  
Delta R.T.: -0.012 min  
Response: 15990  
Conc: 13.38 ng/ml



#36 AR-1262-1

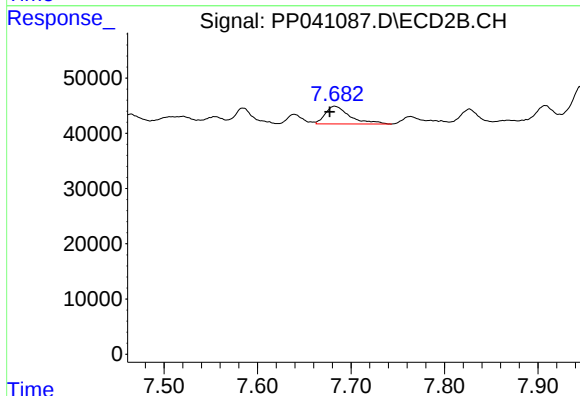
R.T.: 7.123 min  
Delta R.T.: 0.000 min  
Response: 18194  
Conc: 30.71 ng/ml



#37 AR-1262-2

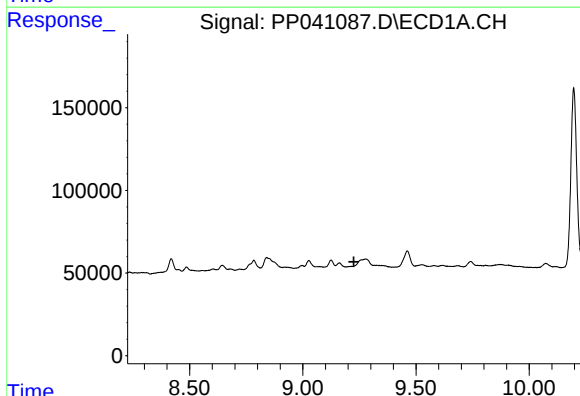
R.T.: 8.922 min  
Delta R.T.: -0.008 min  
Response: 21151  
Conc: 10.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



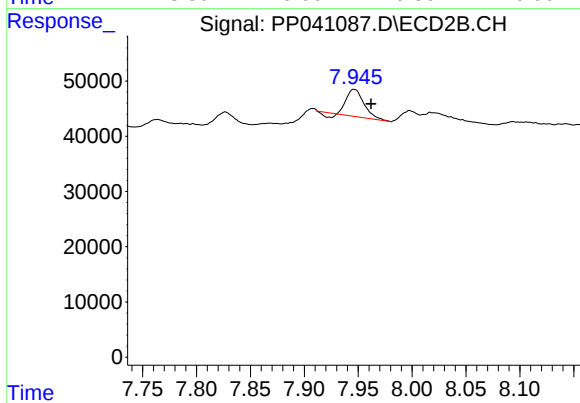
#37 AR-1262-2

R.T.: 7.683 min  
Delta R.T.: 0.005 min  
Response: 58902  
Conc: 35.58 ng/ml



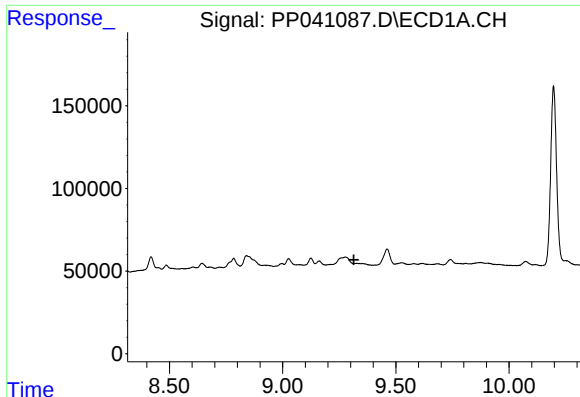
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 9.226 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

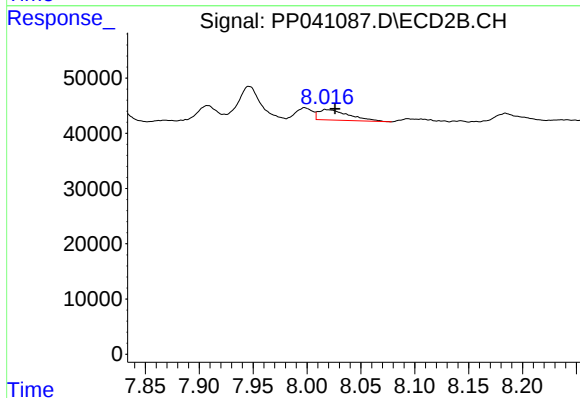
R.T.: 7.946 min  
Delta R.T.: -0.016 min  
Response: 53566  
Conc: 74.36 ng/ml



#39 AR-1262-4

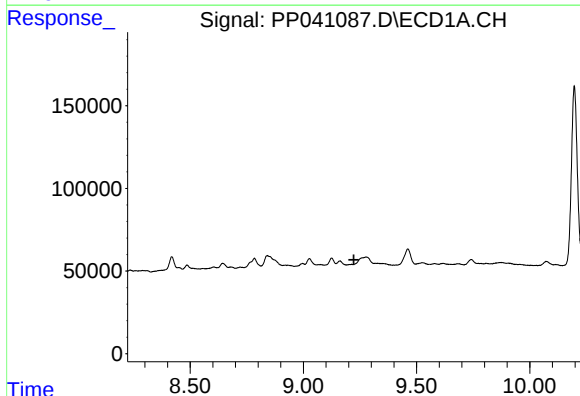
R.T.: 0.000 min  
Exp R.T. : 9.315 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



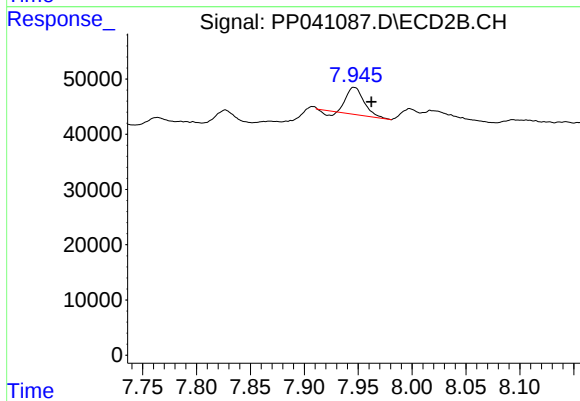
#39 AR-1262-4

R.T.: 8.018 min  
Delta R.T.: -0.009 min  
Response: 37415  
Conc: 29.10 ng/ml



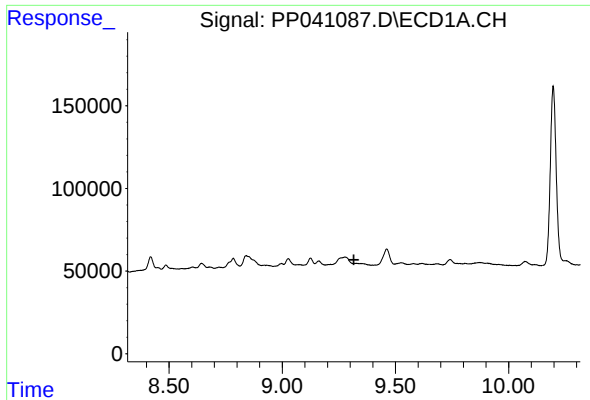
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 9.223 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

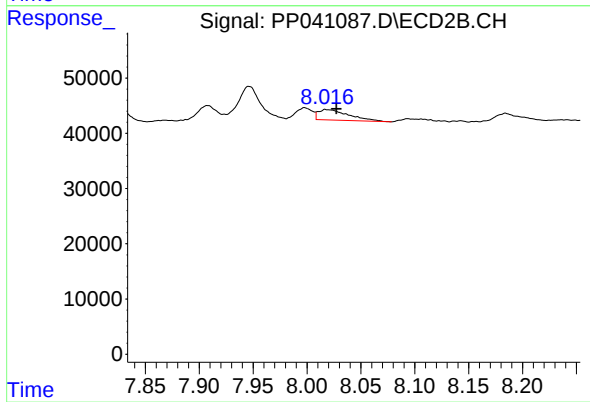
R.T.: 7.946 min  
Delta R.T.: -0.016 min  
Response: 53566  
Conc: 25.72 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.316 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



#42 AR-1268-2

R.T.: 8.018 min  
Delta R.T.: -0.010 min  
Response: 37415  
Conc: 19.64 ng/ml