

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP082021\  
 Data File : PP038729.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 21 Aug 2021 14:26  
 Operator : AJ\MA  
 Sample : M3489-13  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 2-EXT-B

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 23 02:20:23 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP081721.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 18 04:51:26 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... | 4.883  | 3.869  | 763246 | 496175 | 18.912  | 20.705    |
| 2)                          | SA Decachlor... | 10.870 | 9.128  | 525025 | 496830 | 21.339  | 20.399    |
| Target Compounds            |                 |        |        |        |        |         |           |
| 3)                          | L1 AR-1016-1    | 6.206  | 0.000  | 41284  | 0      | 31.814  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 6.244  | 5.160f | 28275  | 44811  | 15.300  | 36.032 #  |
| 7)                          | L1 AR-1016-5    | 6.710  | 0.000  | 21959  | 0      | 25.904  | N.D. #    |
| 8)                          | L2 AR-1221-1    | 5.135  | 0.000  | 57098  | 0      | 122.094 | N.D. #    |
| 10)                         | L2 AR-1221-3    | 5.332  | 0.000  | 29352  | 0      | 27.560  | N.D. #    |
| 11)                         | L3 AR-1232-1    | 5.332  | 0.000  | 29352  | 0      | 29.677  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.160f | 0      | 44811  | N.D.    | 78.512 #  |
| 13)                         | L3 AR-1232-3    | 6.244f | 0.000  | 28275  | 0      | 33.118  | N.D. #    |
| 15)                         | L3 AR-1232-5    | 6.487  | 0.000  | 34571  | 0      | 128.653 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 6.206  | 0.000  | 41284  | 0      | 41.447  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 6.244f | 5.160f | 28275  | 44811  | 19.676  | 45.905 #  |
| 20)                         | L4 AR-1242-5    | 7.182  | 5.980  | 34434  | 72317  | 48.162  | 116.820 # |
| 21)                         | L5 AR-1248-1    | 6.206  | 0.000  | 41284  | 0      | 51.811  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 6.487  | 0.000  | 34571  | 0      | 35.260  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 6.710  | 0.000  | 21959  | 0      | 19.023  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 7.182  | 0.000  | 34434  | 0      | 28.163  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 7.112  | 5.980  | 107902 | 72317  | 94.567  | 55.066 #  |
| 27)                         | L6 AR-1254-2    | 7.343  | 6.139  | 118830 | 46100  | 68.813  | 40.165 #  |
| 28)                         | L6 AR-1254-3    | 7.737  | 6.557  | 79706  | 44407  | 44.401  | 23.865 #  |
| 29)                         | L6 AR-1254-4    | 8.017  | 0.000  | 28984  | 0      | 22.463  | N.D. #    |
| 30)                         | L6 AR-1254-5    | 8.447  | 7.223  | 153028 | 185434 | 123.728 | 114.726   |
| 31)                         | L7 AR-1260-1    | 7.888  | 6.694  | 141462 | 130938 | 118.200 | 111.894   |
| 32)                         | L7 AR-1260-2    | 8.154  | 6.893  | 205576 | 175440 | 140.116 | 123.248   |
| 33)                         | L7 AR-1260-3    | 8.520  | 7.045  | 92255  | 130247 | 96.150  | 90.565    |
| 34)                         | L7 AR-1260-4    | 8.752  | 7.527  | 101166 | 90646  | 88.965  | 80.714    |
| 35)                         | L7 AR-1260-5    | 9.075  | 7.776  | 225222 | 251569 | 100.367 | 92.875    |
| 36)                         | L8 AR-1262-1    | 8.520  | 7.223  | 92255  | 185434 | 62.060  | 205.154 # |
| 37)                         | L8 AR-1262-2    | 9.075  | 7.776  | 225222 | 251569 | 84.593  | 81.425    |
| 38)                         | L8 AR-1262-3    | 9.405f | 8.061  | 145469 | 48119  | 122.091 | 38.300 #  |
| 39)                         | L8 AR-1262-4    | 9.456f | 8.123  | 95849  | 171540 | 118.972 | 72.583 #  |
| 40)                         | L8 AR-1262-5    | 10.133 | 8.622  | 49770  | 59556  | 46.692  | 52.380    |
| 41)                         | L9 AR-1268-1    | 9.405f | 8.061  | 145469 | 48119  | 45.352  | 13.178 #  |
| 42)                         | L9 AR-1268-2    | 9.456f | 8.123  | 95849  | 171540 | 31.111  | 49.725 #  |
| 44)                         | L9 AR-1268-4    | 10.133 | 8.622  | 49770  | 59556  | 40.853  | 47.090    |
| 45)                         | L9 AR-1268-5    | 10.542 | 0.000  | 28258  | 0      | 2.966   | N.D. #    |
| -----                       |                 |        |        |        |        |         |           |

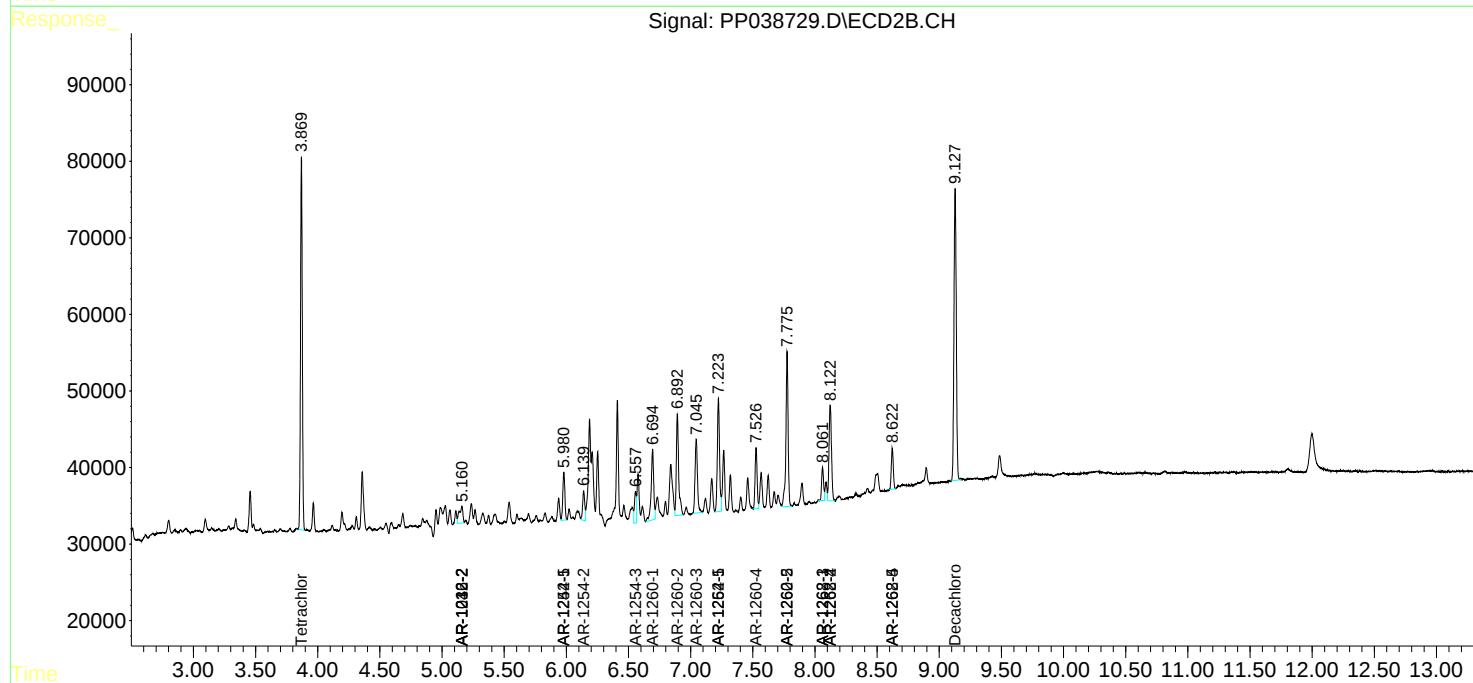
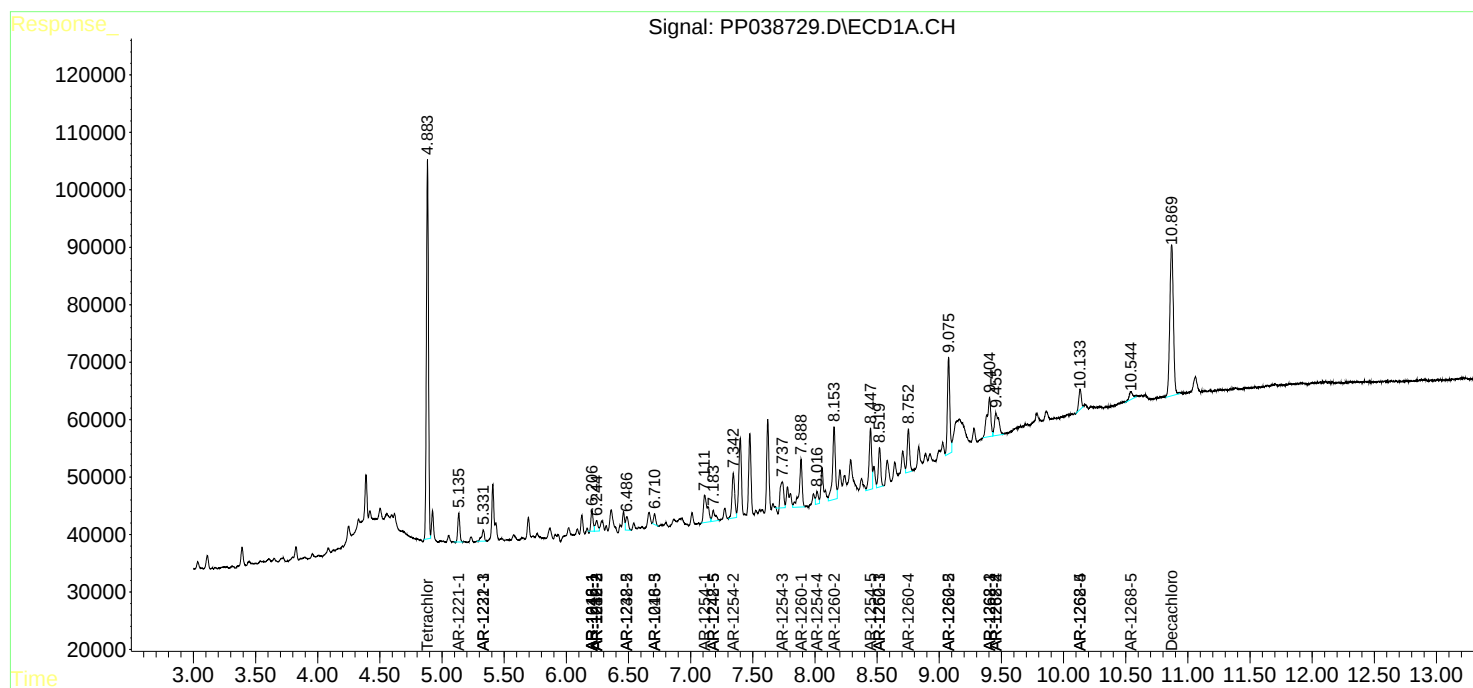
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

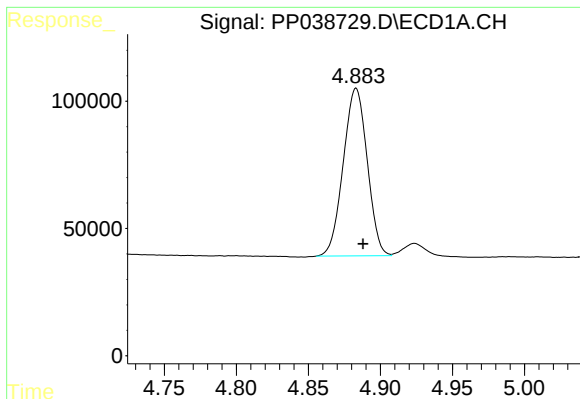
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP082021\  
Data File : PP038729.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 21 Aug 2021 14:26  
Operator : AJ\MA  
Sample : M3489-13  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :  
2-EXT-B

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 23 02:20:23 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP081721.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 18 04:51:26 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

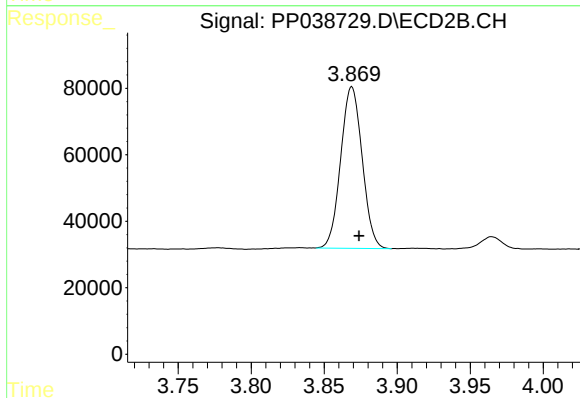




#1 Tetrachloro-m-xylene

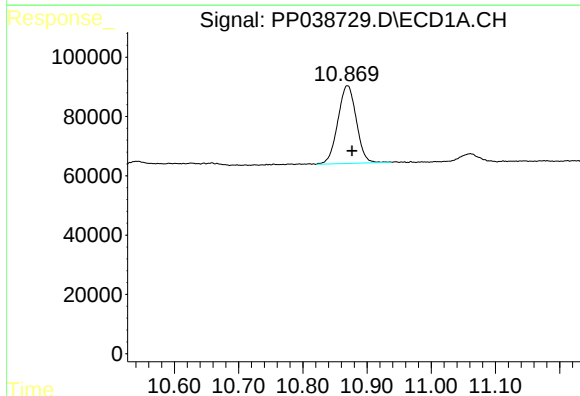
R.T.: 4.883 min  
Delta R.T.: -0.005 min  
Response: 763246  
Conc: 18.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



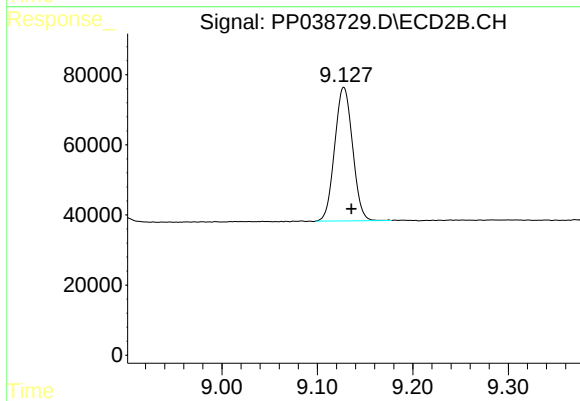
#1 Tetrachloro-m-xylene

R.T.: 3.869 min  
Delta R.T.: -0.005 min  
Response: 496175  
Conc: 20.70 ng/ml



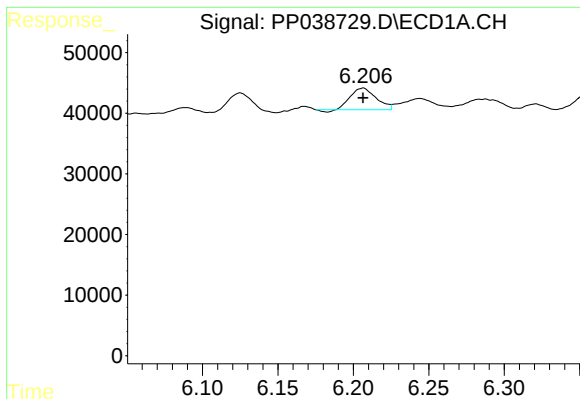
#2 Decachlorobiphenyl

R.T.: 10.870 min  
Delta R.T.: -0.007 min  
Response: 525025  
Conc: 21.34 ng/ml



#2 Decachlorobiphenyl

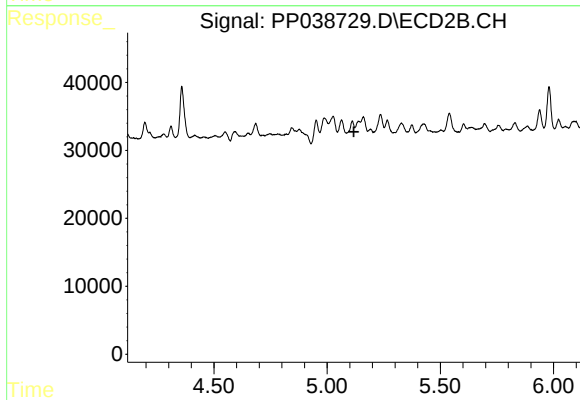
R.T.: 9.128 min  
Delta R.T.: -0.008 min  
Response: 496830  
Conc: 20.40 ng/ml



#3 AR-1016-1

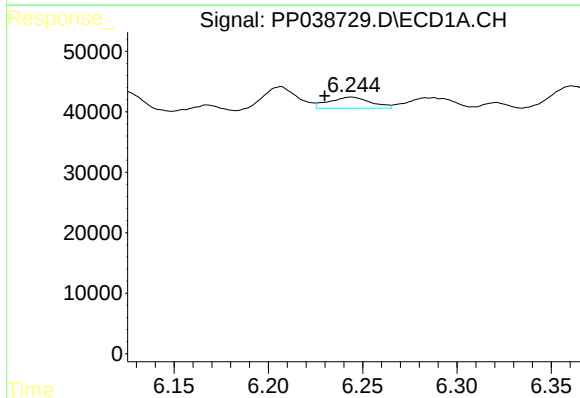
R.T.: 6.206 min  
Delta R.T.: 0.000 min  
Response: 41284  
Conc: 31.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



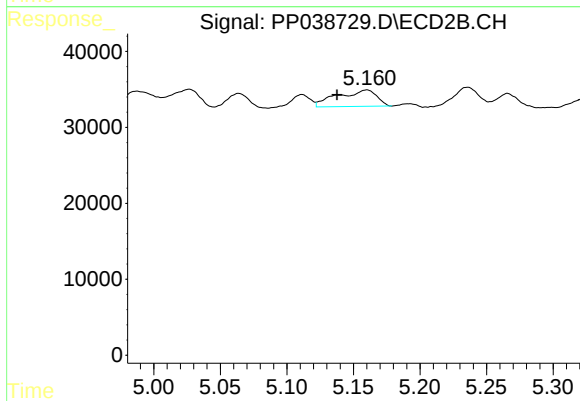
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.118 min  
Response: 0  
Conc: N.D.



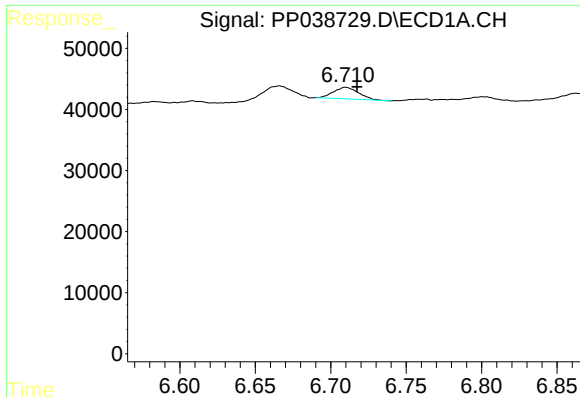
#4 AR-1016-2

R.T.: 6.244 min  
Delta R.T.: 0.014 min  
Response: 28275  
Conc: 15.30 ng/ml



#4 AR-1016-2

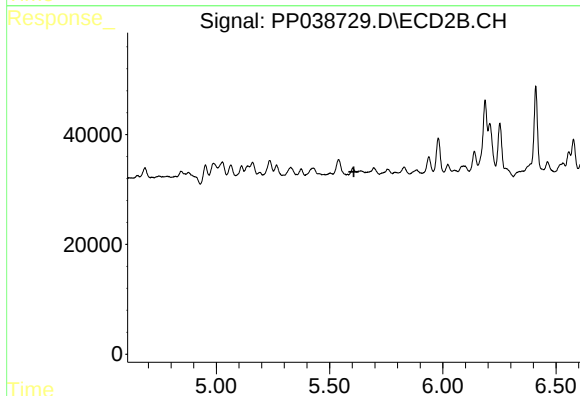
R.T.: 5.160 min  
Delta R.T.: 0.022 min  
Response: 44811  
Conc: 36.03 ng/ml



#7 AR-1016-5

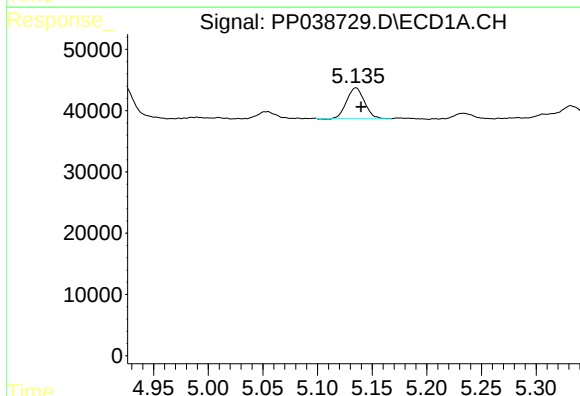
R.T.: 6.710 min  
Delta R.T.: -0.007 min  
Response: 21959  
Conc: 25.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



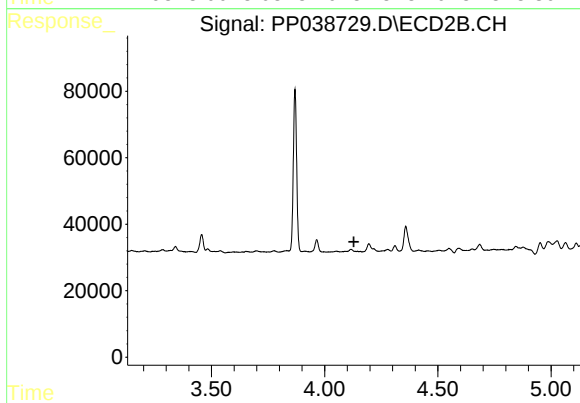
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.607 min  
Response: 0  
Conc: N.D.



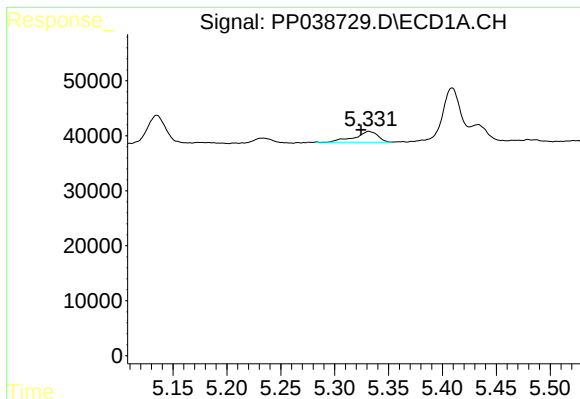
#8 AR-1221-1

R.T.: 5.135 min  
Delta R.T.: -0.005 min  
Response: 57098  
Conc: 122.09 ng/ml



#8 AR-1221-1

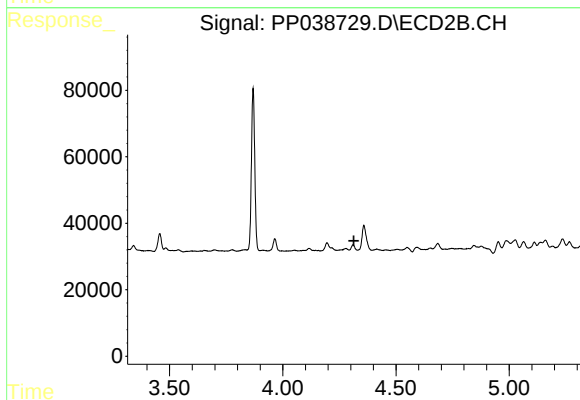
R.T.: 0.000 min  
Exp R.T. : 4.129 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

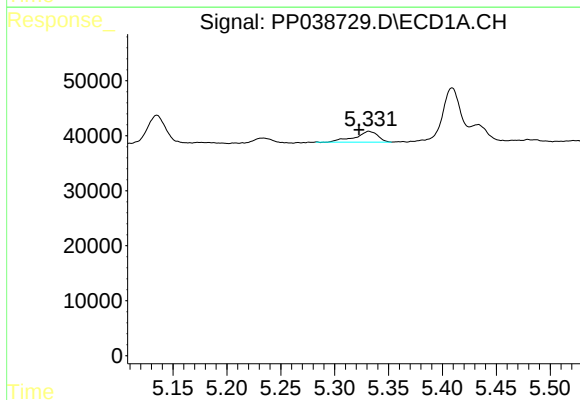
R.T.: 5.332 min  
Delta R.T.: 0.007 min  
Response: 29352  
Conc: 27.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



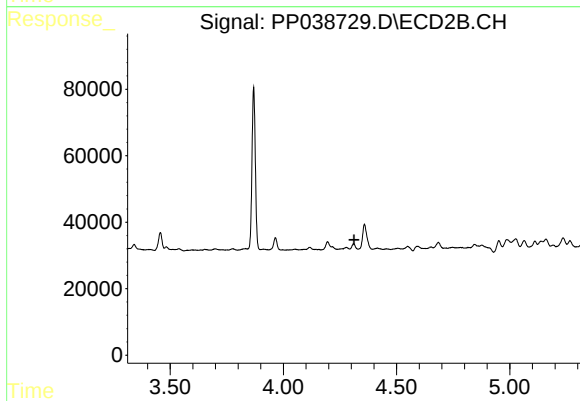
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.314 min  
Response: 0  
Conc: N.D.



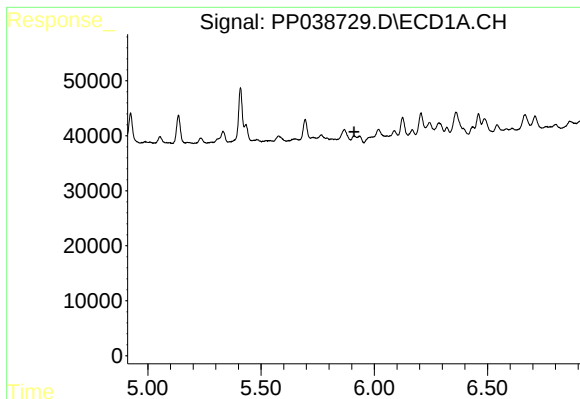
#11 AR-1232-1

R.T.: 5.332 min  
Delta R.T.: 0.009 min  
Response: 29352  
Conc: 29.68 ng/ml



#11 AR-1232-1

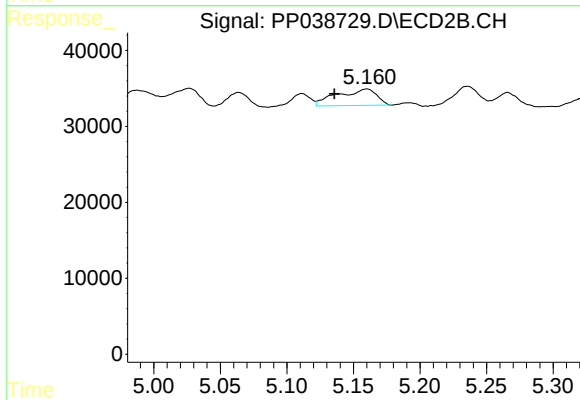
R.T.: 0.000 min  
Exp R.T. : 4.312 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

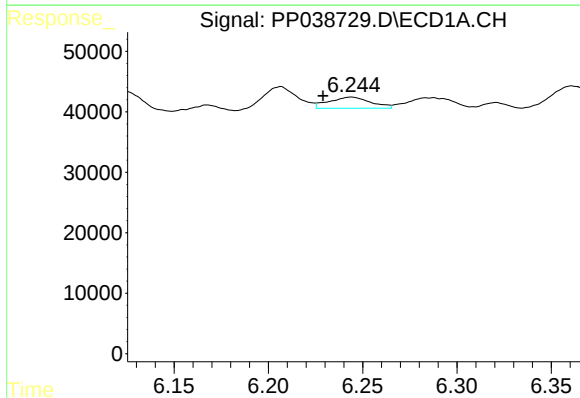
R.T.: 0.000 min  
Exp R.T.: 5.910 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



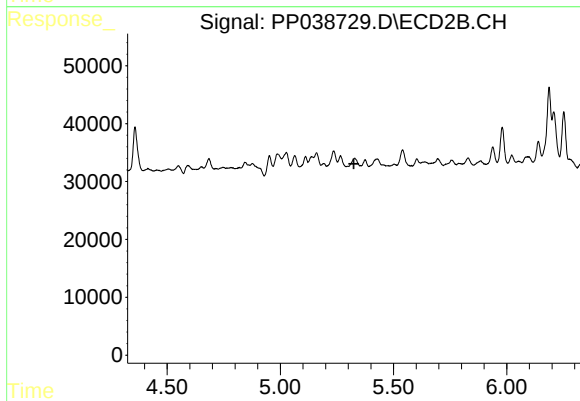
#12 AR-1232-2

R.T.: 5.160 min  
Delta R.T.: 0.024 min  
Response: 44811  
Conc: 78.51 ng/ml



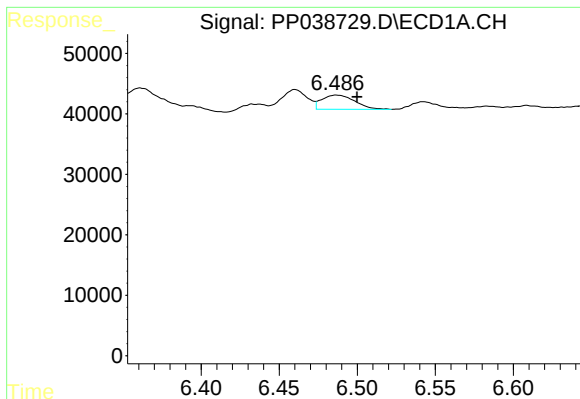
#13 AR-1232-3

R.T.: 6.244 min  
Delta R.T.: 0.015 min  
Response: 28275  
Conc: 33.12 ng/ml



#13 AR-1232-3

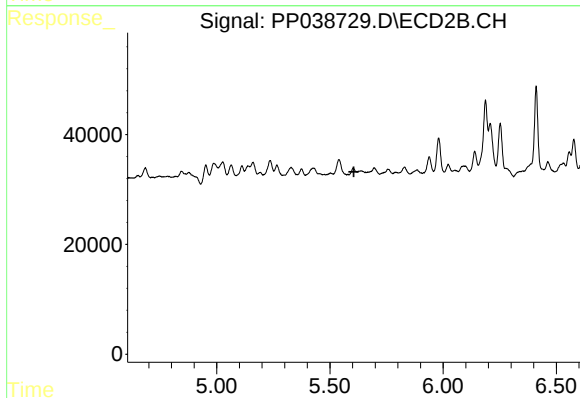
R.T.: 0.000 min  
Exp R.T.: 5.325 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

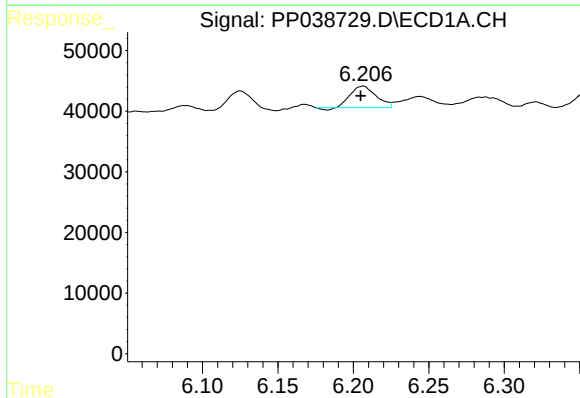
R.T.: 6.487 min  
Delta R.T.: -0.013 min  
Response: 34571  
Conc: 128.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



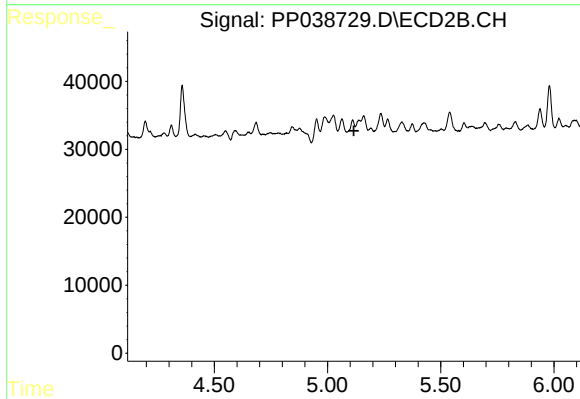
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.605 min  
Response: 0  
Conc: N.D.



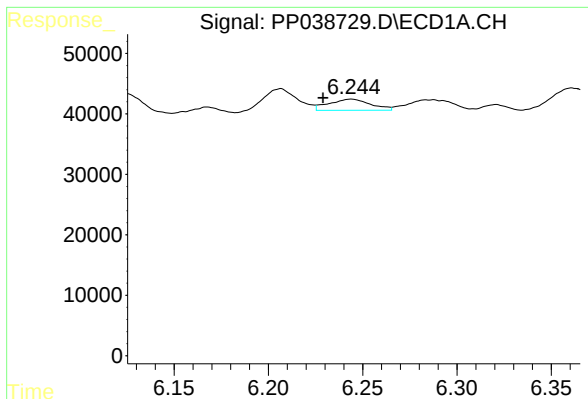
#16 AR-1242-1

R.T.: 6.206 min  
Delta R.T.: 0.002 min  
Response: 41284  
Conc: 41.45 ng/ml



#16 AR-1242-1

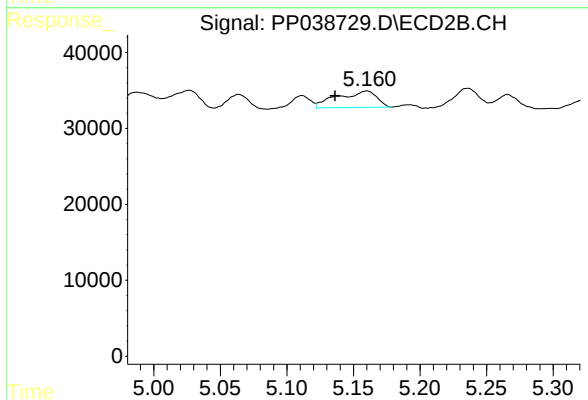
R.T.: 0.000 min  
Exp R.T. : 5.116 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

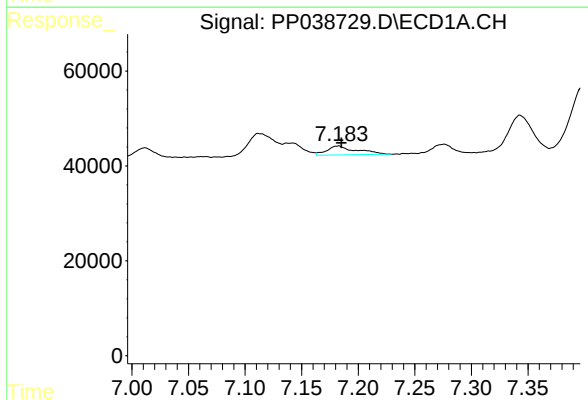
R.T.: 6.244 min  
Delta R.T.: 0.015 min  
Response: 28275  
Conc: 19.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



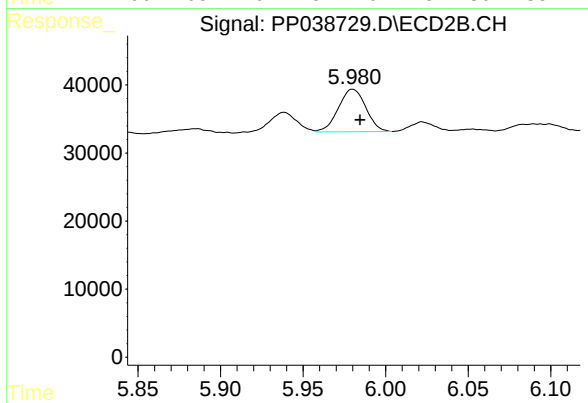
#17 AR-1242-2

R.T.: 5.160 min  
Delta R.T.: 0.024 min  
Response: 44811  
Conc: 45.91 ng/ml



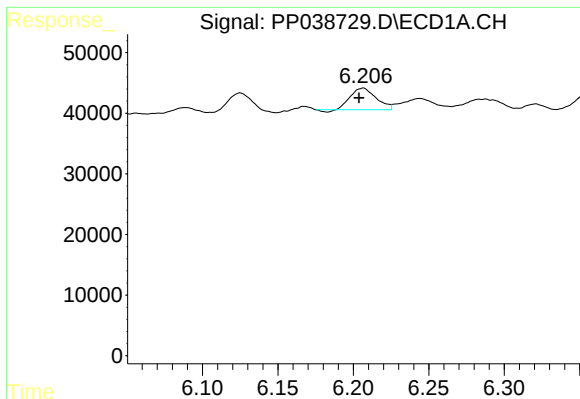
#20 AR-1242-5

R.T.: 7.182 min  
Delta R.T.: -0.003 min  
Response: 34434  
Conc: 48.16 ng/ml



#20 AR-1242-5

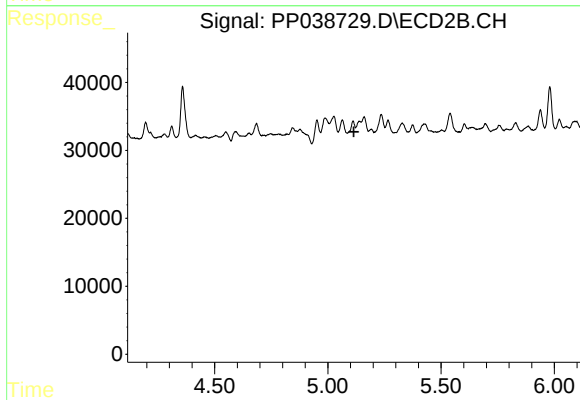
R.T.: 5.980 min  
Delta R.T.: -0.004 min  
Response: 72317  
Conc: 116.82 ng/ml



#21 AR-1248-1

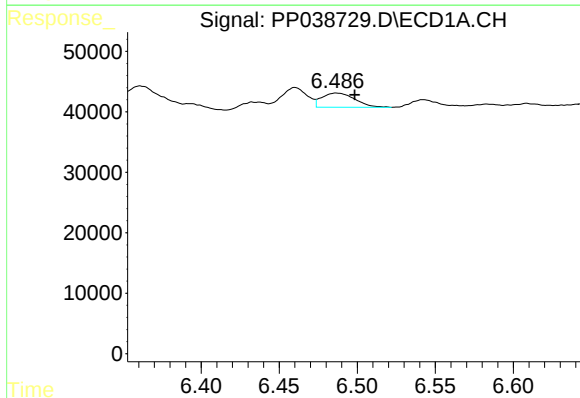
R.T.: 6.206 min  
Delta R.T.: 0.003 min  
Response: 41284  
Conc: 51.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



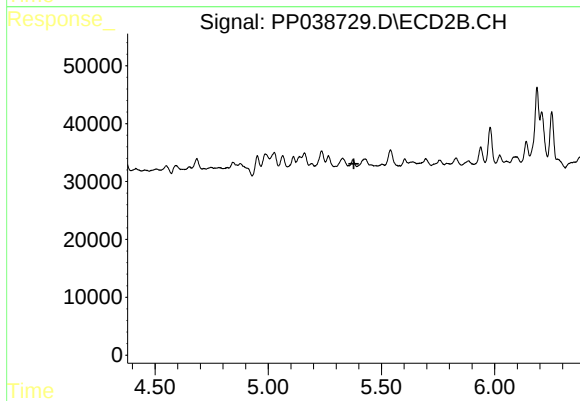
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.115 min  
Response: 0  
Conc: N.D.



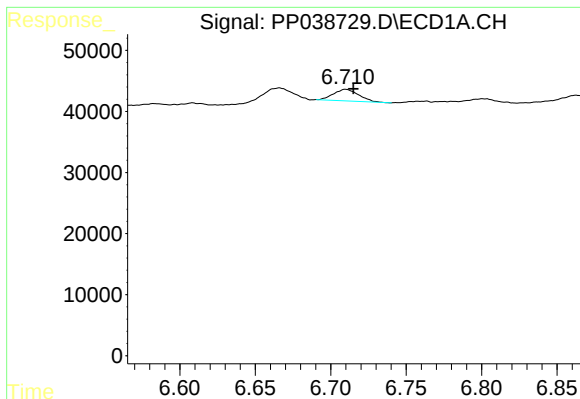
#22 AR-1248-2

R.T.: 6.487 min  
Delta R.T.: -0.012 min  
Response: 34571  
Conc: 35.26 ng/ml



#22 AR-1248-2

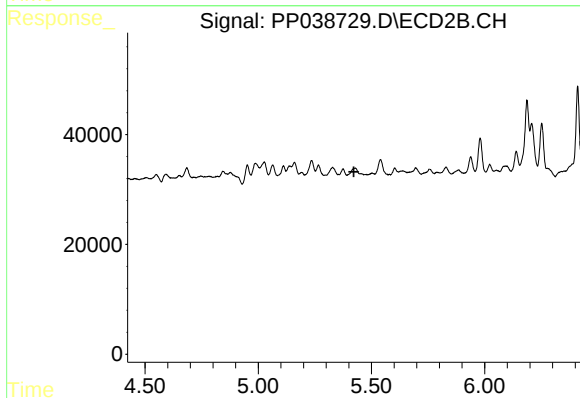
R.T.: 0.000 min  
Exp R.T. : 5.378 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

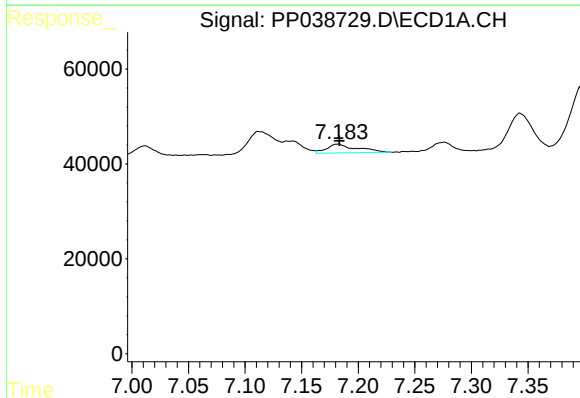
R.T.: 6.710 min  
Delta R.T.: -0.005 min  
Response: 21959  
Conc: 19.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



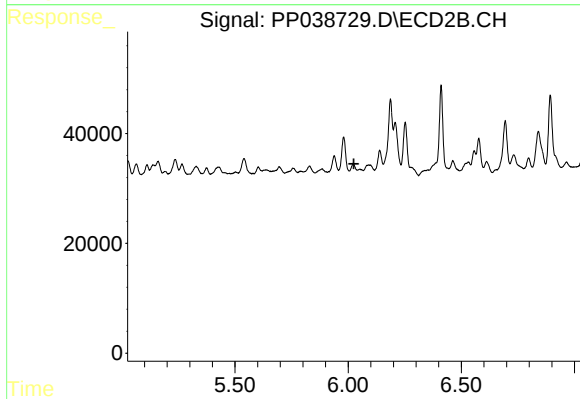
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.422 min  
Response: 0  
Conc: N.D.



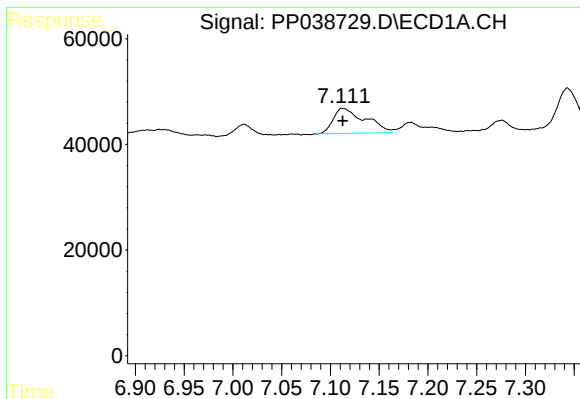
#25 AR-1248-5

R.T.: 7.182 min  
Delta R.T.: -0.001 min  
Response: 34434  
Conc: 28.16 ng/ml



#25 AR-1248-5

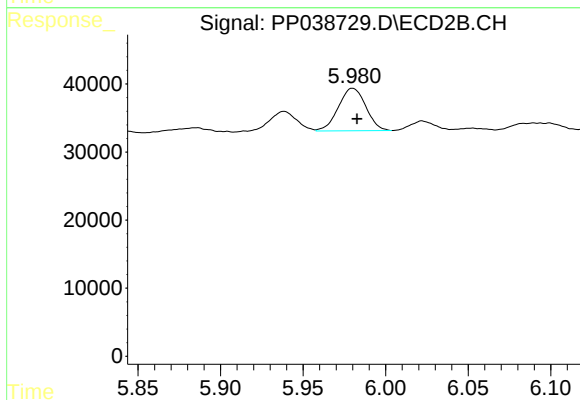
R.T.: 0.000 min  
Exp R.T. : 6.025 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

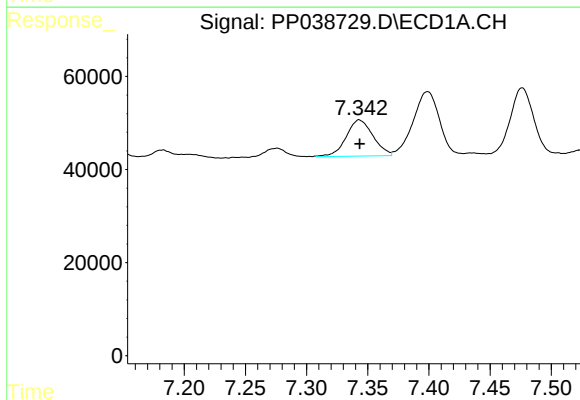
R.T.: 7.112 min  
Delta R.T.: 0.000 min  
Response: 107902  
Conc: 94.57 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



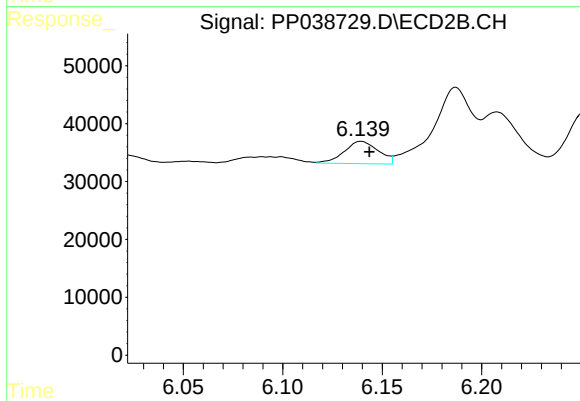
#26 AR-1254-1

R.T.: 5.980 min  
Delta R.T.: -0.003 min  
Response: 72317  
Conc: 55.07 ng/ml



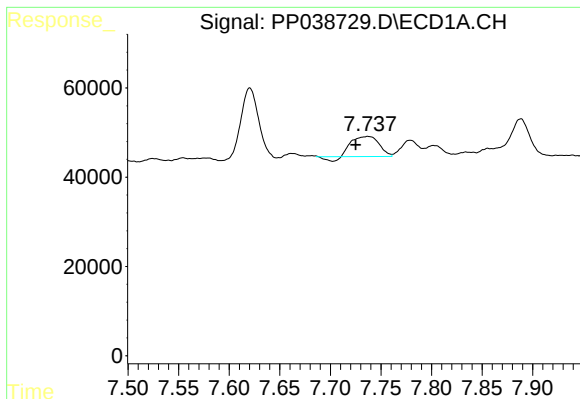
#27 AR-1254-2

R.T.: 7.343 min  
Delta R.T.: 0.000 min  
Response: 118830  
Conc: 68.81 ng/ml



#27 AR-1254-2

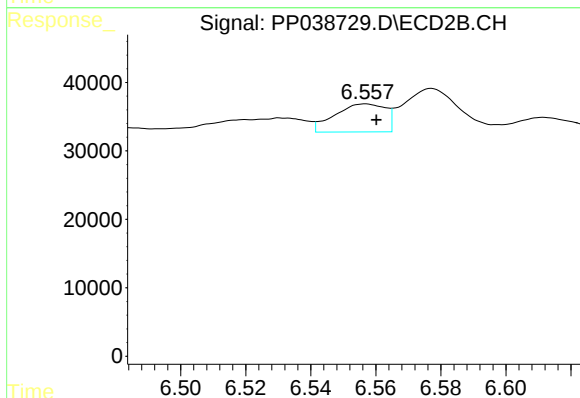
R.T.: 6.139 min  
Delta R.T.: -0.004 min  
Response: 46100  
Conc: 40.16 ng/ml



#28 AR-1254-3

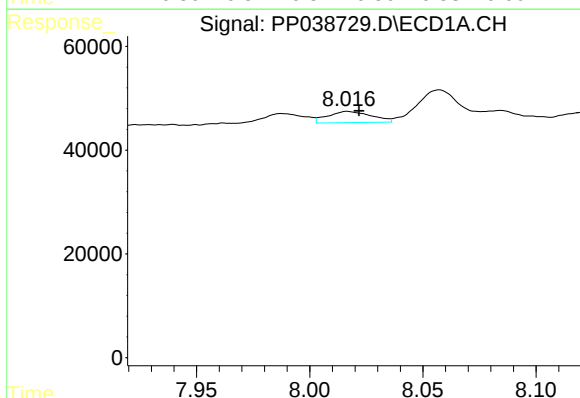
R.T.: 7.737 min  
Delta R.T.: 0.012 min  
Response: 79706  
Conc: 44.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



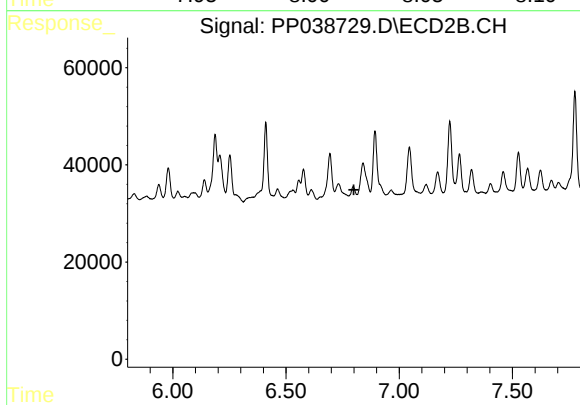
#28 AR-1254-3

R.T.: 6.557 min  
Delta R.T.: -0.003 min  
Response: 44407  
Conc: 23.86 ng/ml



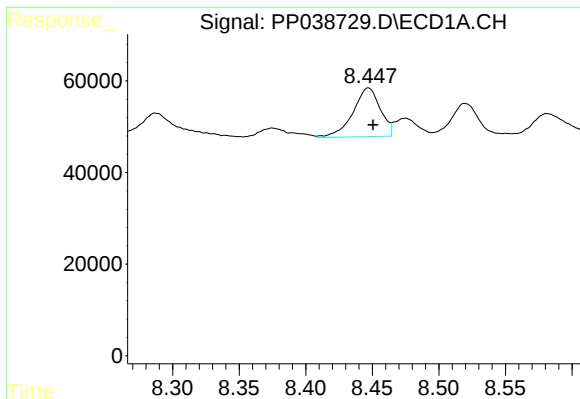
#29 AR-1254-4

R.T.: 8.017 min  
Delta R.T.: -0.005 min  
Response: 28984  
Conc: 22.46 ng/ml



#29 AR-1254-4

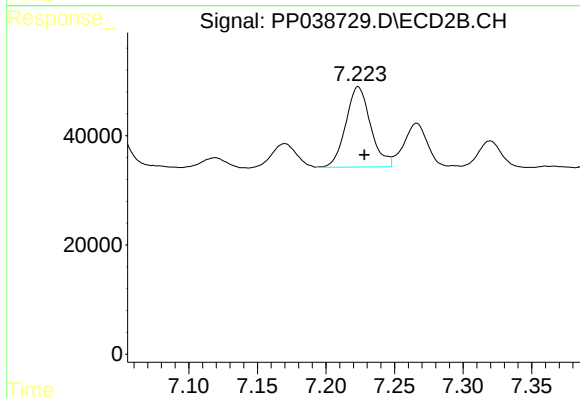
R.T.: 0.000 min  
Exp R.T.: 6.800 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

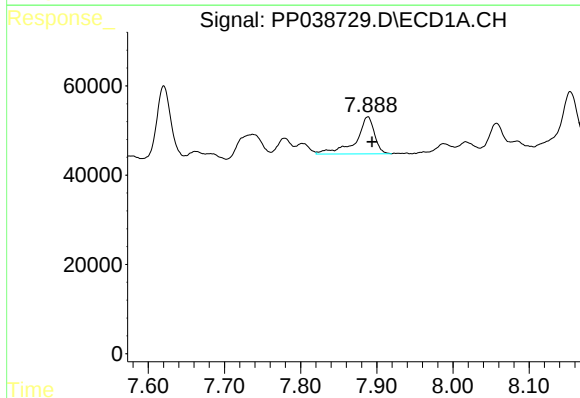
R.T.: 8.447 min  
Delta R.T.: -0.003 min  
Response: 153028  
Conc: 123.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



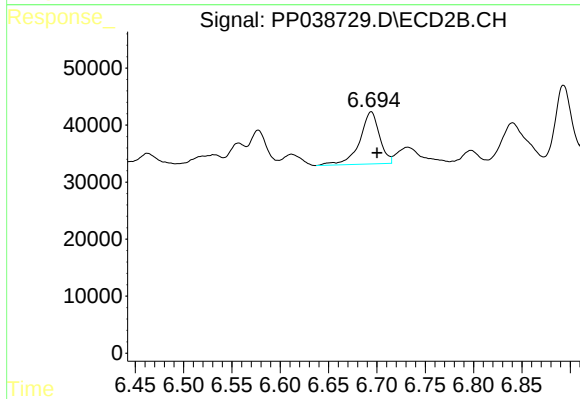
#30 AR-1254-5

R.T.: 7.223 min  
Delta R.T.: -0.004 min  
Response: 185434  
Conc: 114.73 ng/ml



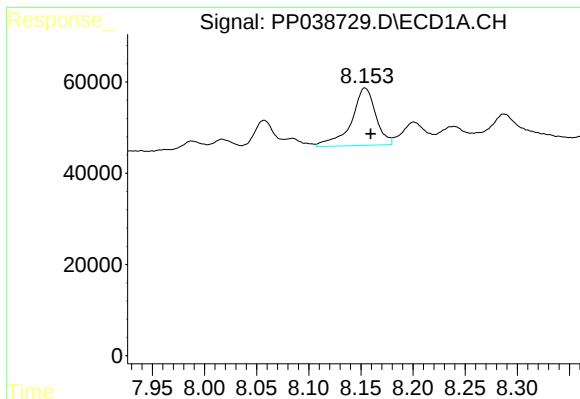
#31 AR-1260-1

R.T.: 7.888 min  
Delta R.T.: -0.006 min  
Response: 141462  
Conc: 118.20 ng/ml



#31 AR-1260-1

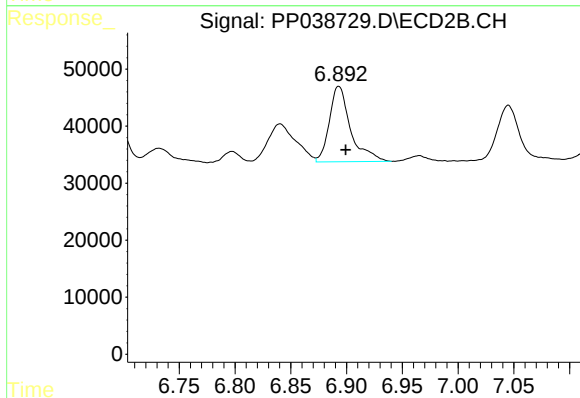
R.T.: 6.694 min  
Delta R.T.: -0.006 min  
Response: 130938  
Conc: 111.89 ng/ml



#32 AR-1260-2

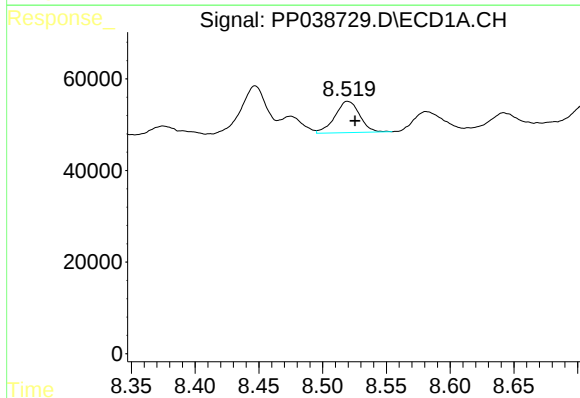
R.T.: 8.154 min  
Delta R.T.: -0.006 min  
Response: 205576  
Conc: 140.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



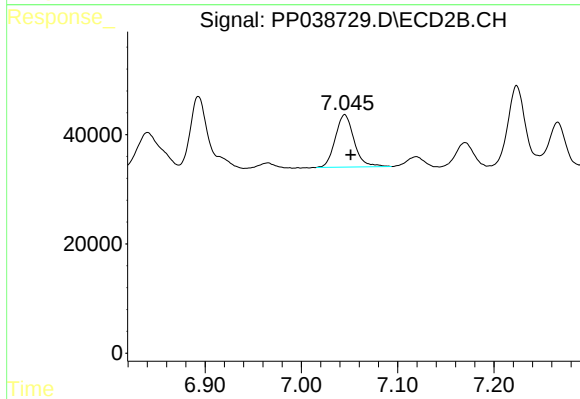
#32 AR-1260-2

R.T.: 6.893 min  
Delta R.T.: -0.006 min  
Response: 175440  
Conc: 123.25 ng/ml



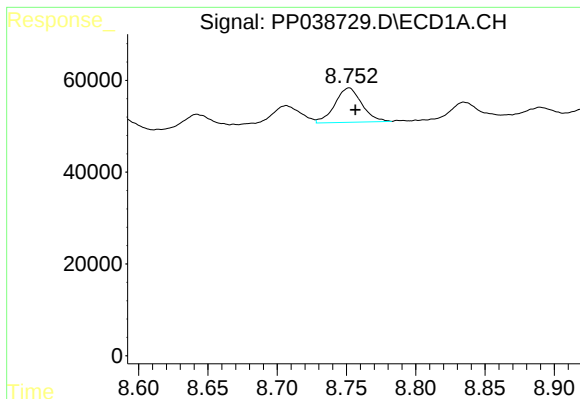
#33 AR-1260-3

R.T.: 8.520 min  
Delta R.T.: -0.006 min  
Response: 92255  
Conc: 96.15 ng/ml



#33 AR-1260-3

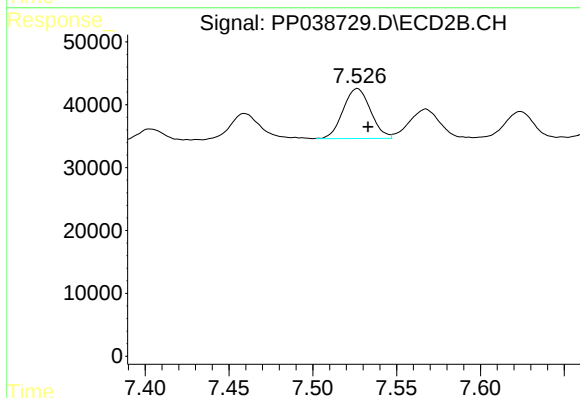
R.T.: 7.045 min  
Delta R.T.: -0.006 min  
Response: 130247  
Conc: 90.57 ng/ml



#34 AR-1260-4

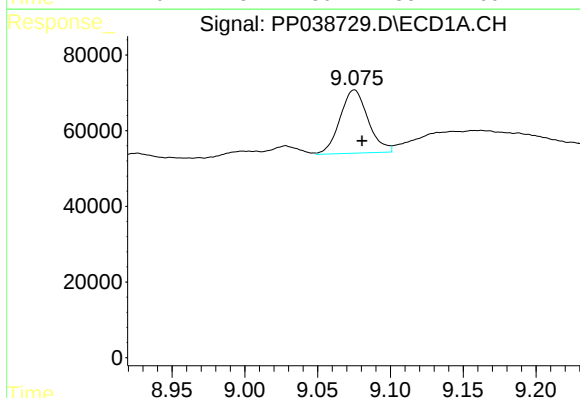
R.T.: 8.752 min  
Delta R.T.: -0.005 min  
Response: 101166  
Conc: 88.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



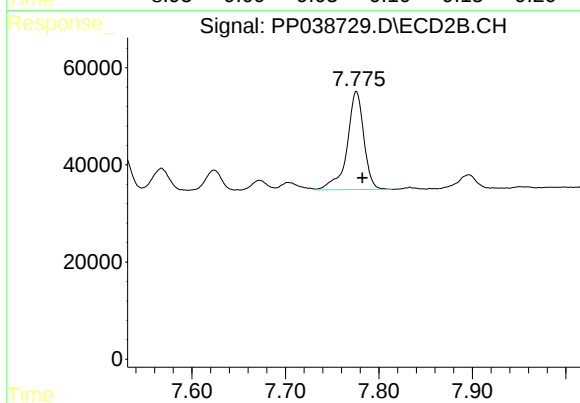
#34 AR-1260-4

R.T.: 7.527 min  
Delta R.T.: -0.006 min  
Response: 90646  
Conc: 80.71 ng/ml



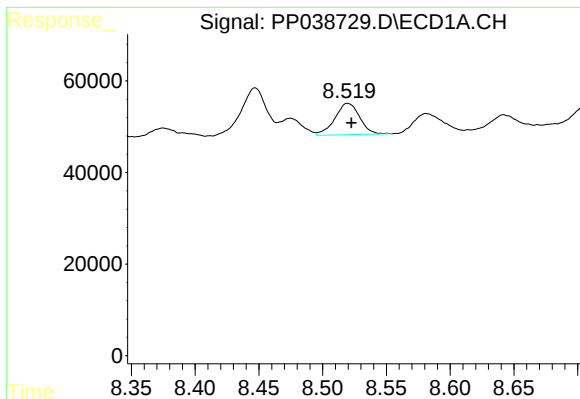
#35 AR-1260-5

R.T.: 9.075 min  
Delta R.T.: -0.005 min  
Response: 225222  
Conc: 100.37 ng/ml



#35 AR-1260-5

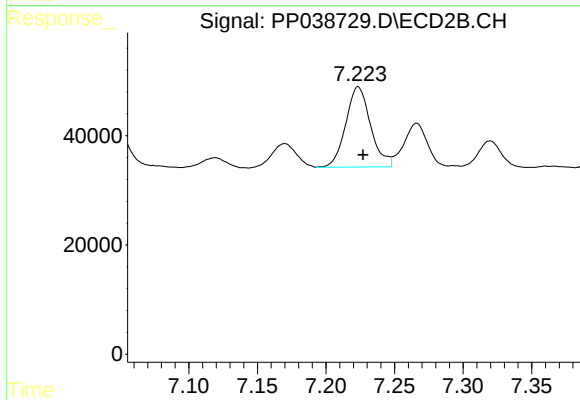
R.T.: 7.776 min  
Delta R.T.: -0.007 min  
Response: 251569  
Conc: 92.88 ng/ml



#36 AR-1262-1

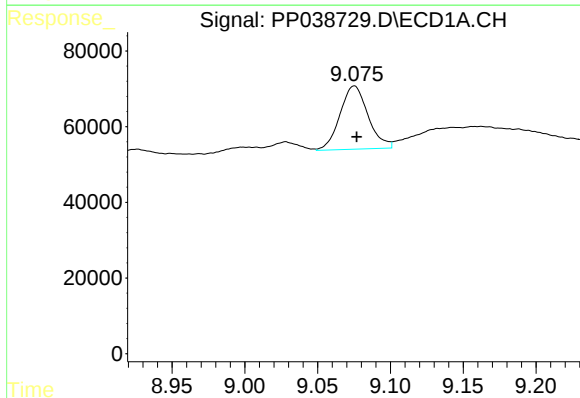
R.T.: 8.520 min  
Delta R.T.: -0.003 min  
Response: 92255  
Conc: 62.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



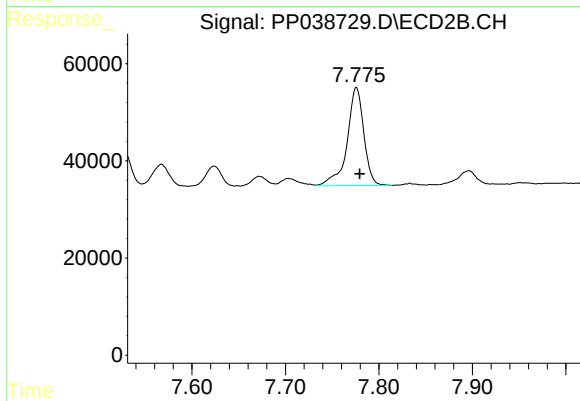
#36 AR-1262-1

R.T.: 7.223 min  
Delta R.T.: -0.004 min  
Response: 185434  
Conc: 205.15 ng/ml



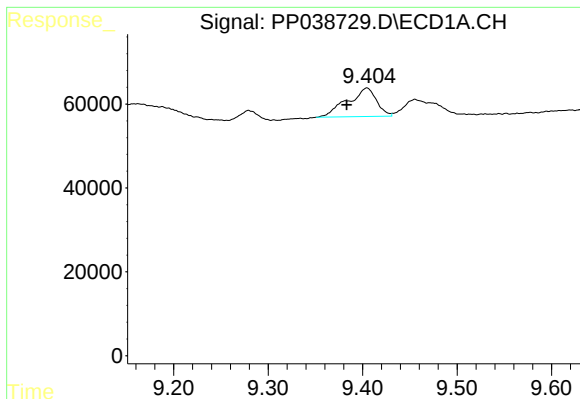
#37 AR-1262-2

R.T.: 9.075 min  
Delta R.T.: -0.002 min  
Response: 225222  
Conc: 84.59 ng/ml



#37 AR-1262-2

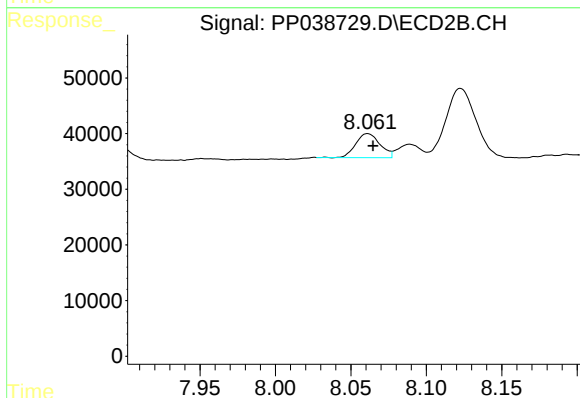
R.T.: 7.776 min  
Delta R.T.: -0.003 min  
Response: 251569  
Conc: 81.43 ng/ml



#38 AR-1262-3

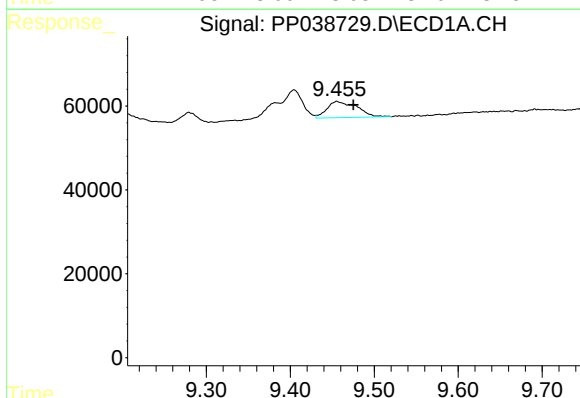
R.T.: 9.405 min  
Delta R.T.: 0.021 min  
Response: 145469  
Conc: 122.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



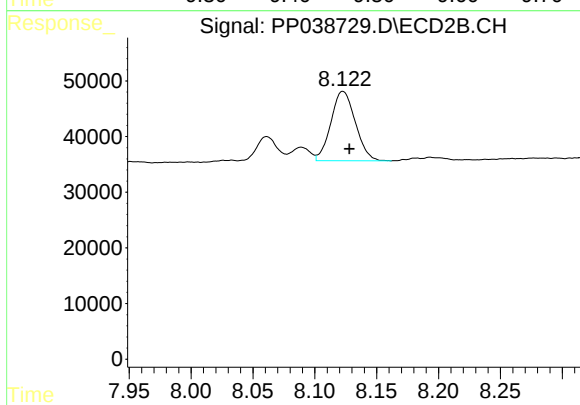
#38 AR-1262-3

R.T.: 8.061 min  
Delta R.T.: -0.004 min  
Response: 48119  
Conc: 38.30 ng/ml



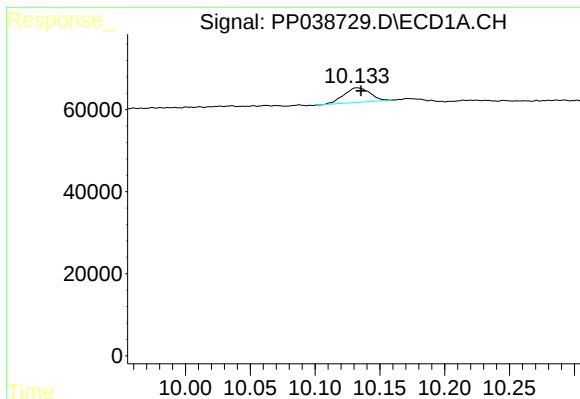
#39 AR-1262-4

R.T.: 9.456 min  
Delta R.T.: -0.020 min  
Response: 95849  
Conc: 118.97 ng/ml



#39 AR-1262-4

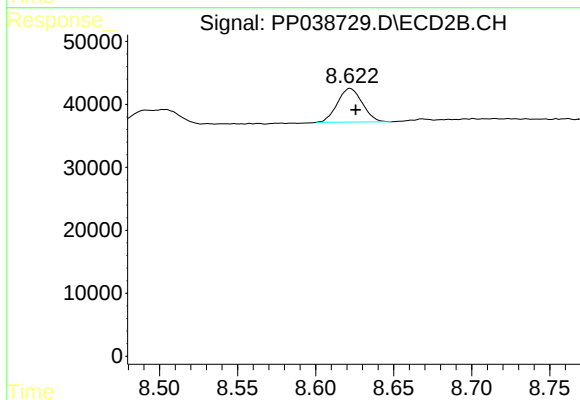
R.T.: 8.123 min  
Delta R.T.: -0.005 min  
Response: 171540  
Conc: 72.58 ng/ml



#40 AR-1262-5

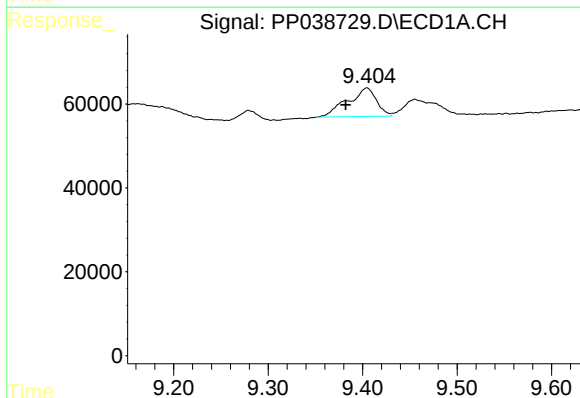
R.T.: 10.133 min  
Delta R.T.: -0.003 min  
Response: 49770  
Conc: 46.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



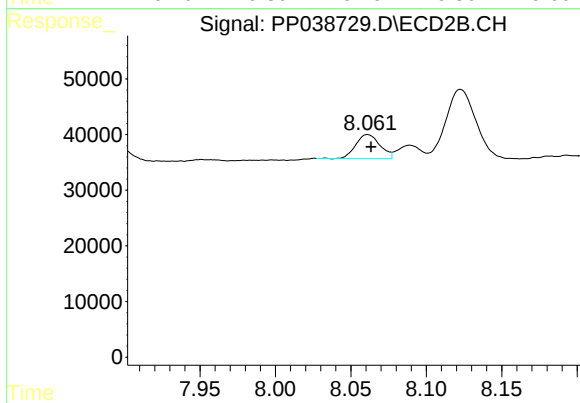
#40 AR-1262-5

R.T.: 8.622 min  
Delta R.T.: -0.004 min  
Response: 59556  
Conc: 52.38 ng/ml



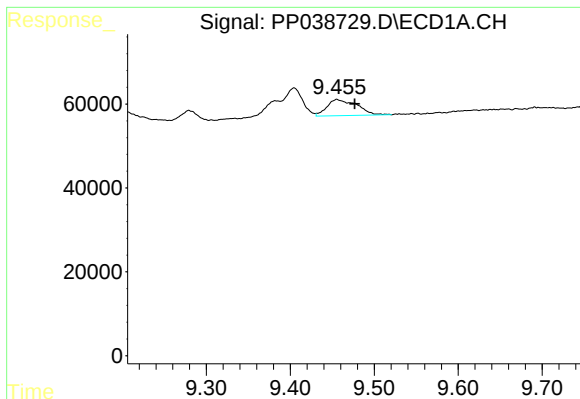
#41 AR-1268-1

R.T.: 9.405 min  
Delta R.T.: 0.022 min  
Response: 145469  
Conc: 45.35 ng/ml



#41 AR-1268-1

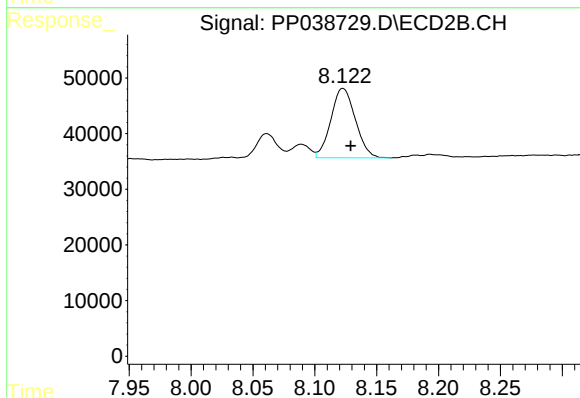
R.T.: 8.061 min  
Delta R.T.: -0.002 min  
Response: 48119  
Conc: 13.18 ng/ml



#42 AR-1268-2

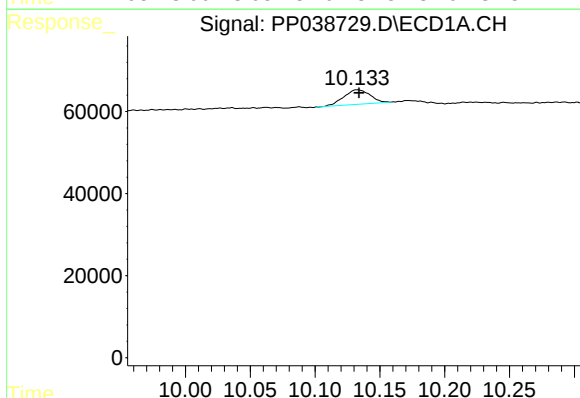
R.T.: 9.456 min  
Delta R.T.: -0.021 min  
Response: 95849  
Conc: 31.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



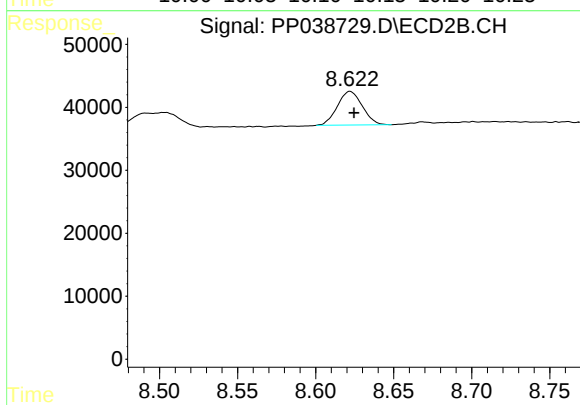
#42 AR-1268-2

R.T.: 8.123 min  
Delta R.T.: -0.006 min  
Response: 171540  
Conc: 49.73 ng/ml



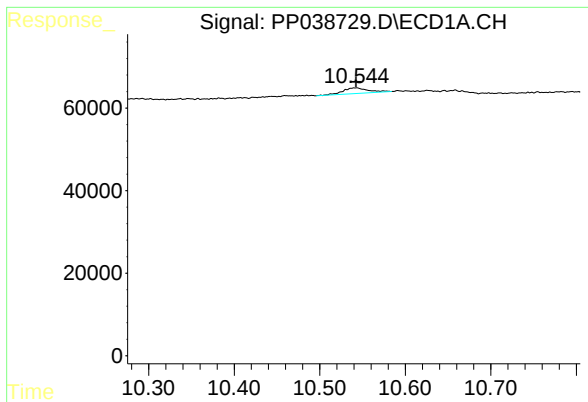
#44 AR-1268-4

R.T.: 10.133 min  
Delta R.T.: -0.001 min  
Response: 49770  
Conc: 40.85 ng/ml



#44 AR-1268-4

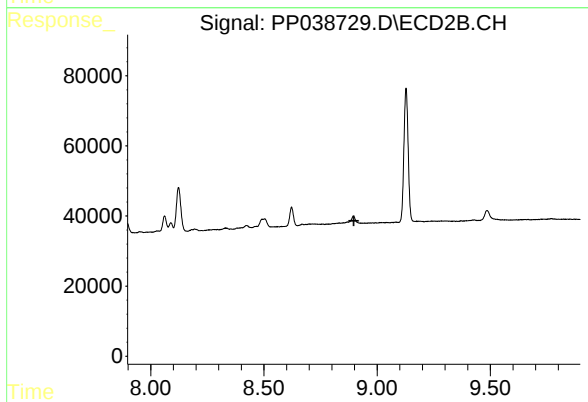
R.T.: 8.622 min  
Delta R.T.: -0.003 min  
Response: 59556  
Conc: 47.09 ng/ml



#45 AR-1268-5

R.T.: 10.542 min  
Delta R.T.: 0.000 min  
Response: 28258  
Conc: 2.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
2-EXT-B



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.897 min  
Response: 0  
Conc: N.D.