

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP083121\  
 Data File : PP039065.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 31 Aug 2021 10:46  
 Operator : AJ\MA  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 01 02:06:40 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP082521.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Aug 26 09:31:39 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... | 4.875  | 3.859 | 1962318 | 1282240 | 51.408  | 53.206   |
| 2)                          | SA Decachlor... | 10.855 | 9.115 | 1199297 | 1187796 | 49.811  | 52.530   |
| Target Compounds            |                 |        |       |         |         |         |          |
| 3)                          | L1 AR-1016-1    | 6.194  | 5.102 | 465223  | 328837  | 403.523 | 380.265  |
| 4)                          | L1 AR-1016-2    | 6.218  | 5.121 | 665840  | 468218  | 398.533 | 387.341  |
| 5)                          | L1 AR-1016-3    | 6.284  | 5.311 | 419759  | 246397  | 416.612 | 381.677  |
| 6)                          | L1 AR-1016-4    | 6.391  | 5.365 | 341102  | 181481  | 412.249 | 372.141  |
| 7)                          | L1 AR-1016-5    | 6.705  | 5.591 | 308650  | 252978  | 431.748 | 401.302  |
| 8)                          | L2 AR-1221-1    | 5.122  | 4.111 | 58656   | 35890   | 130.224 | 134.605  |
| 9)                          | L2 AR-1221-2    | 5.225  | 4.211 | 90643   | 54458   | 272.108 | 272.114  |
| 10)                         | L2 AR-1221-3    | 5.312  | 4.298 | 312412  | 197730  | 312.541 | 300.520  |
| 11)                         | L3 AR-1232-1    | 5.312  | 4.298 | 312412  | 197730  | 341.791 | 331.238  |
| 12)                         | L3 AR-1232-2    | 5.899  | 5.121 | 362393  | 468218  | 847.198 | 865.424  |
| 13)                         | L3 AR-1232-3    | 6.218  | 5.311 | 665840  | 246397  | 858.609 | 883.218  |
| 14)                         | L3 AR-1232-4    | 6.391  | 5.409 | 341102  | 229652  | 888.139 | 1004.295 |
| 15)                         | L3 AR-1232-5    | 6.489  | 5.591 | 241768  | 252978  | 990.837 | 1005.156 |
| 16)                         | L4 AR-1242-1    | 6.194  | 5.102 | 465223  | 328837  | 493.652 | 499.486  |
| 17)                         | L4 AR-1242-2    | 6.218  | 5.121 | 665840  | 468218  | 496.831 | 506.911  |
| 18)                         | L4 AR-1242-3    | 6.284  | 5.311 | 419759  | 246397  | 505.669 | 506.921  |
| 19)                         | L4 AR-1242-4    | 6.391  | 5.409 | 341102  | 229652  | 502.334 | 509.711  |
| 20)                         | L4 AR-1242-5    | 7.173  | 5.969 | 304282  | 298490  | 479.669 | 523.568  |
| 21)                         | L5 AR-1248-1    | 6.194  | 5.102 | 465223  | 328837  | 657.823 | 693.303  |
| 22)                         | L5 AR-1248-2    | 6.489  | 5.365 | 241768  | 181481  | 279.813 | 278.452  |
| 23)                         | L5 AR-1248-3    | 6.705  | 5.409 | 308650  | 229652  | 318.097 | 339.664  |
| 24)                         | L5 AR-1248-4    | 7.134  | 5.591 | 288496  | 252978  | 274.534 | 311.780  |
| 25)                         | L5 AR-1248-5    | 7.173  | 6.012 | 304282  | 257159  | 294.450 | 312.651  |
| 26)                         | L6 AR-1254-1    | 7.103  | 5.969 | 224056  | 298490  | 214.733 | 242.255  |
| 27)                         | L6 AR-1254-2    | 7.339  | 6.129 | 248263  | 70067   | 163.978 | 64.444 # |
| 28)                         | L6 AR-1254-3    | 7.714  | 6.546 | 85559   | 91143   | 55.533  | 52.466   |
| 29)                         | L6 AR-1254-4    | 8.012  | 6.787 | 69141   | 68635   | 61.722  | 61.825   |
| 30)                         | L6 AR-1254-5    | 8.441  | 7.214 | 13608   | 13187   | 12.053  | 8.697 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.691 | 0       | 54068   | N.D.    | 49.330 # |
| 32)                         | L7 AR-1260-2    | 8.138  | 6.882 | 42281   | 6721    | 35.104  | 5.051 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.032 | 0       | 20117   | N.D.    | 14.557 # |
| 34)                         | L7 AR-1260-4    | 8.740  | 0.000 | 5534    | 0       | 5.468   | N.D. #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.214 | 0       | 13187   | N.D.    | 15.429 # |
| -----                       |                 |        |       |         |         |         |          |

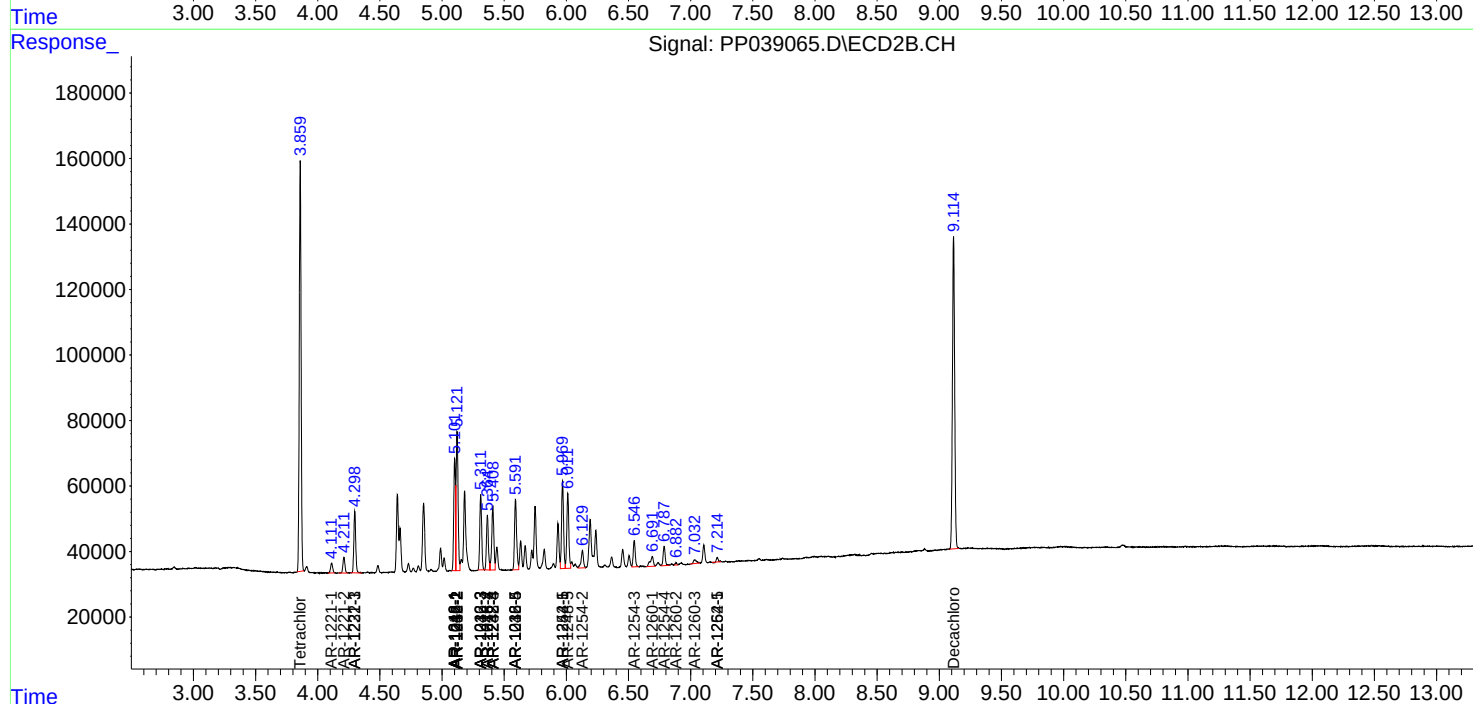
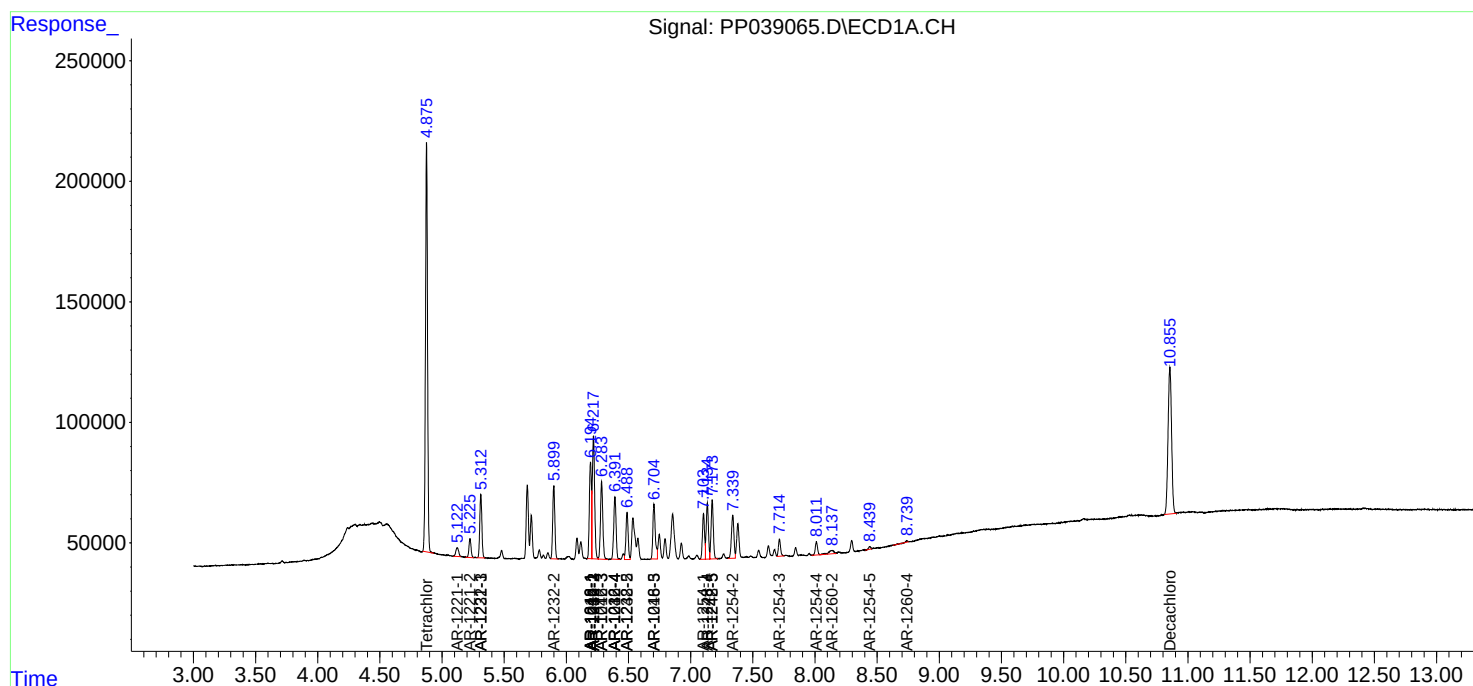
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

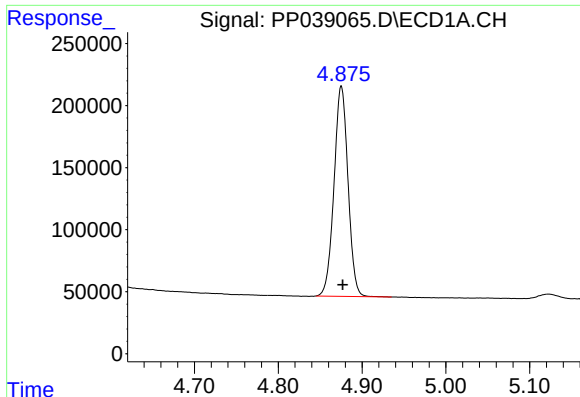
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP083121\  
Data File : PP039065.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 31 Aug 2021 10:46  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :  
AR1242CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 01 02:06:40 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP082521.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Aug 26 09:31:39 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

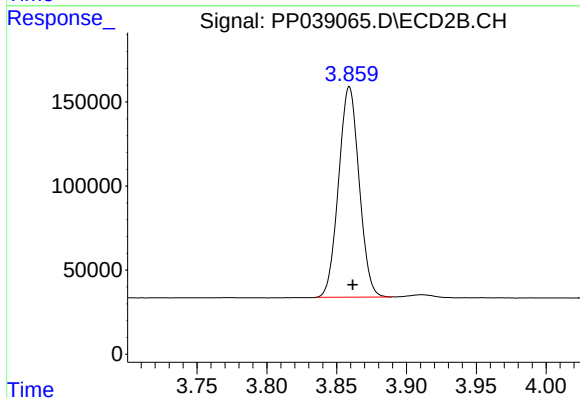




#1 Tetrachloro-m-xylene

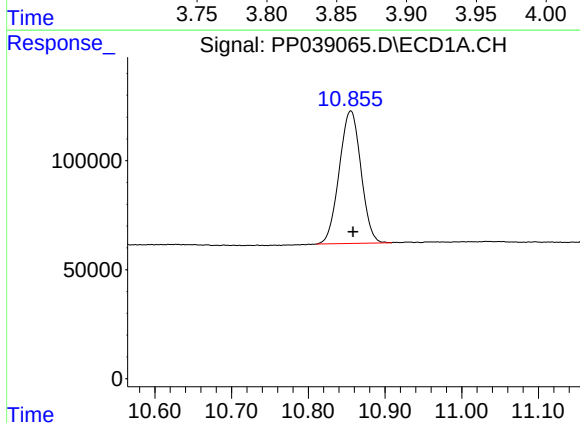
R.T.: 4.875 min  
Delta R.T.: -0.002 min  
Response: 1962318  
Conc: 51.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



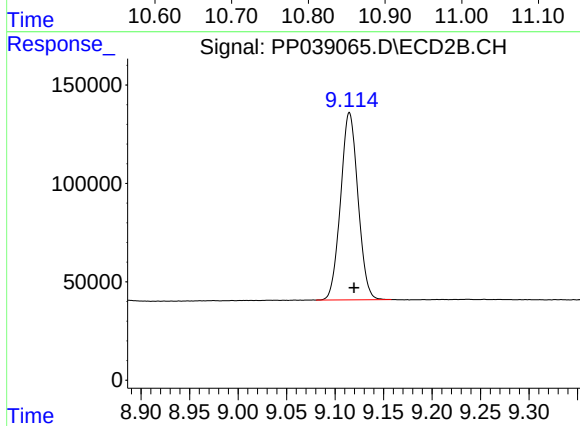
#1 Tetrachloro-m-xylene

R.T.: 3.859 min  
Delta R.T.: -0.002 min  
Response: 1282240  
Conc: 53.21 ng/ml



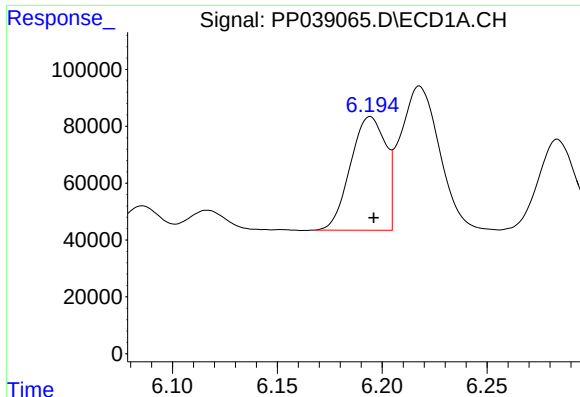
#2 Decachlorobiphenyl

R.T.: 10.855 min  
Delta R.T.: -0.003 min  
Response: 1199297  
Conc: 49.81 ng/ml



#2 Decachlorobiphenyl

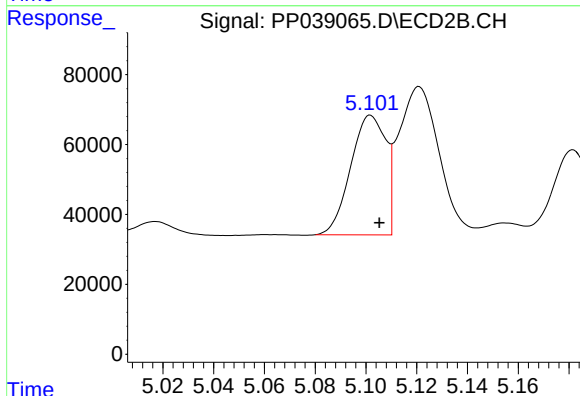
R.T.: 9.115 min  
Delta R.T.: -0.005 min  
Response: 1187796  
Conc: 52.53 ng/ml



#3 AR-1016-1

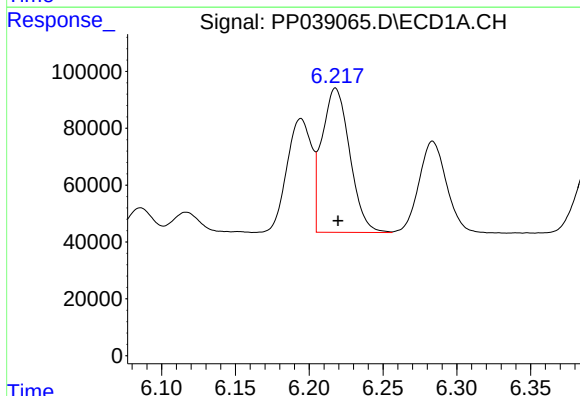
R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 465223  
Conc: 403.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



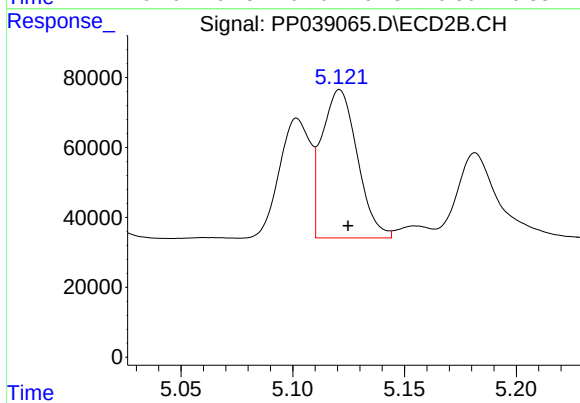
#3 AR-1016-1

R.T.: 5.102 min  
Delta R.T.: -0.003 min  
Response: 328837  
Conc: 380.26 ng/ml



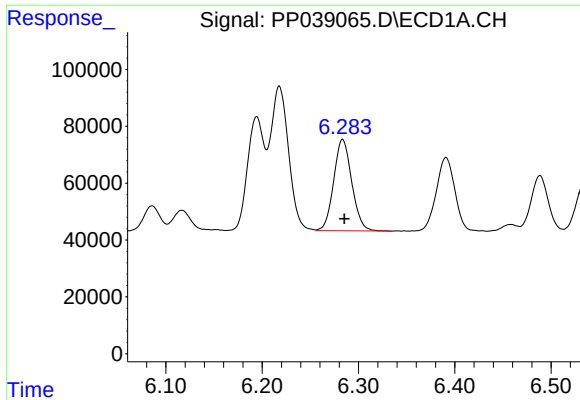
#4 AR-1016-2

R.T.: 6.218 min  
Delta R.T.: -0.002 min  
Response: 665840  
Conc: 398.53 ng/ml



#4 AR-1016-2

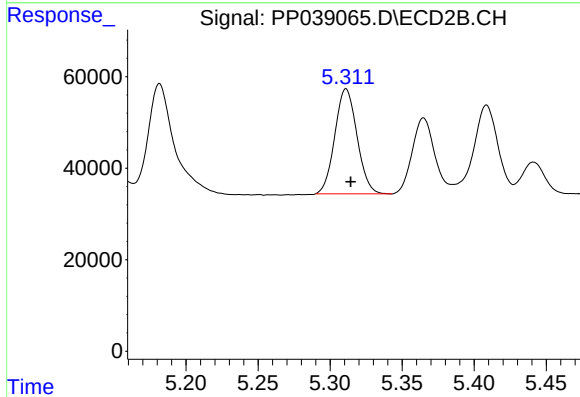
R.T.: 5.121 min  
Delta R.T.: -0.004 min  
Response: 468218  
Conc: 387.34 ng/ml



#5 AR-1016-3

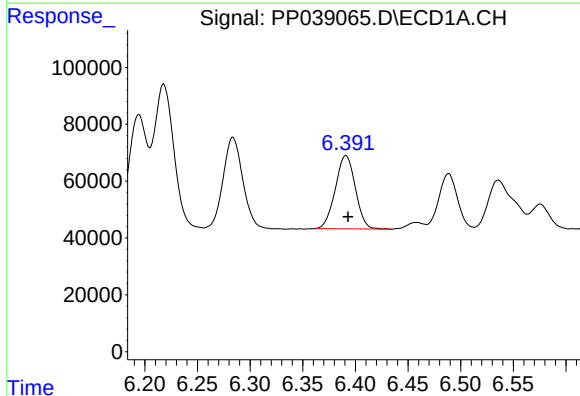
R.T.: 6.284 min  
Delta R.T.: -0.002 min  
Response: 419759  
Conc: 416.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



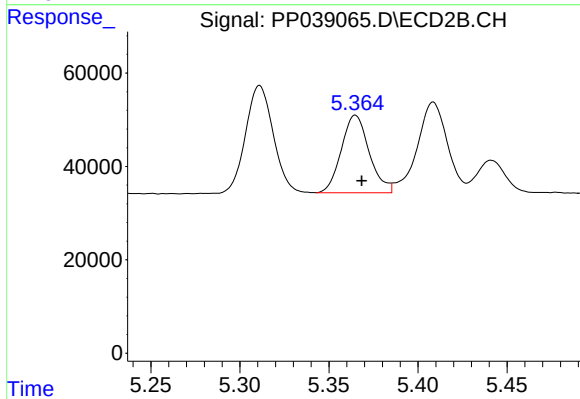
#5 AR-1016-3

R.T.: 5.311 min  
Delta R.T.: -0.003 min  
Response: 246397  
Conc: 381.68 ng/ml



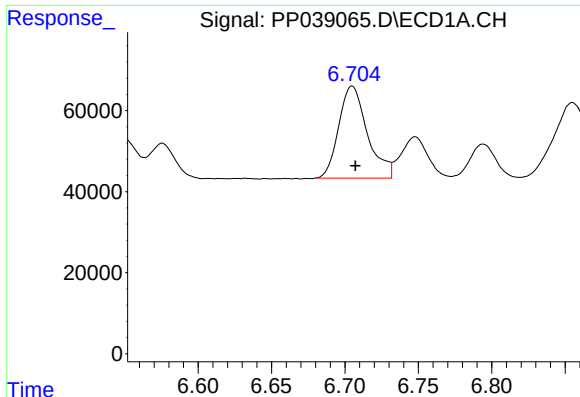
#6 AR-1016-4

R.T.: 6.391 min  
Delta R.T.: -0.002 min  
Response: 341102  
Conc: 412.25 ng/ml



#6 AR-1016-4

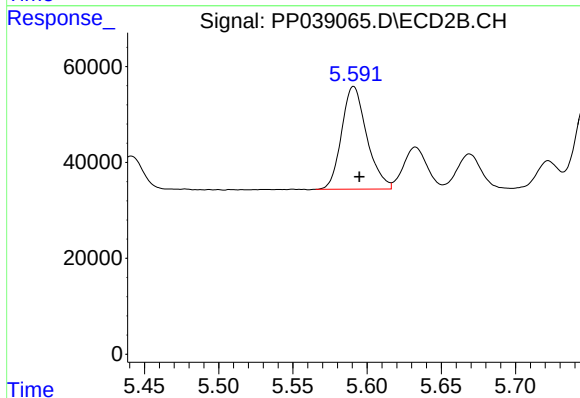
R.T.: 5.365 min  
Delta R.T.: -0.004 min  
Response: 181481  
Conc: 372.14 ng/ml



#7 AR-1016-5

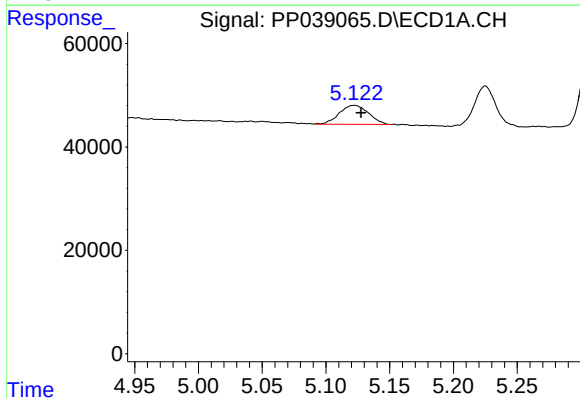
R.T.: 6.705 min  
Delta R.T.: -0.002 min  
Response: 308650  
Conc: 431.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



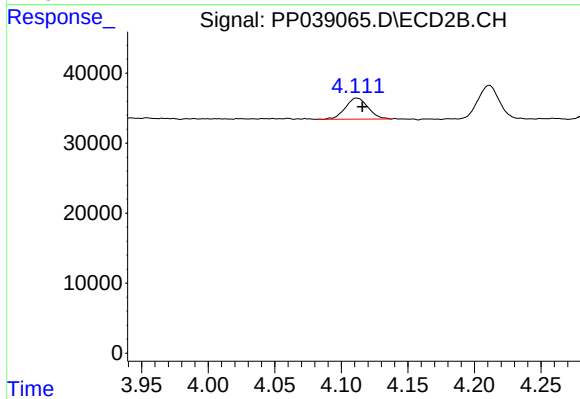
#7 AR-1016-5

R.T.: 5.591 min  
Delta R.T.: -0.004 min  
Response: 252978  
Conc: 401.30 ng/ml



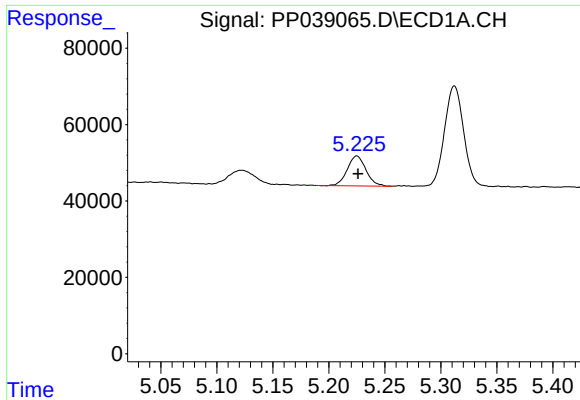
#8 AR-1221-1

R.T.: 5.122 min  
Delta R.T.: -0.006 min  
Response: 58656  
Conc: 130.22 ng/ml



#8 AR-1221-1

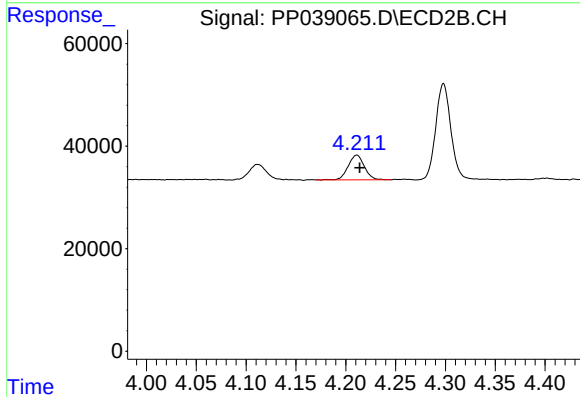
R.T.: 4.111 min  
Delta R.T.: -0.005 min  
Response: 35890  
Conc: 134.60 ng/ml



#9 AR-1221-2

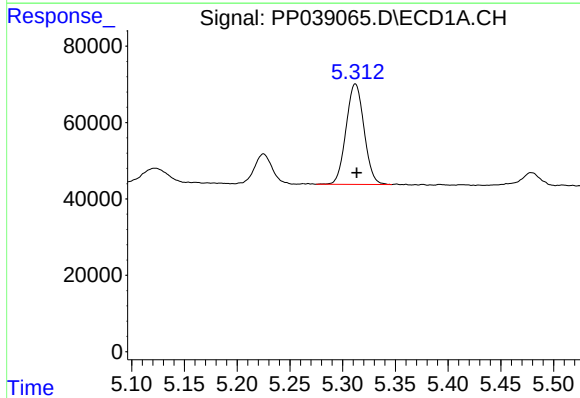
R.T.: 5.225 min  
Delta R.T.: -0.001 min  
Response: 90643  
Conc: 272.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



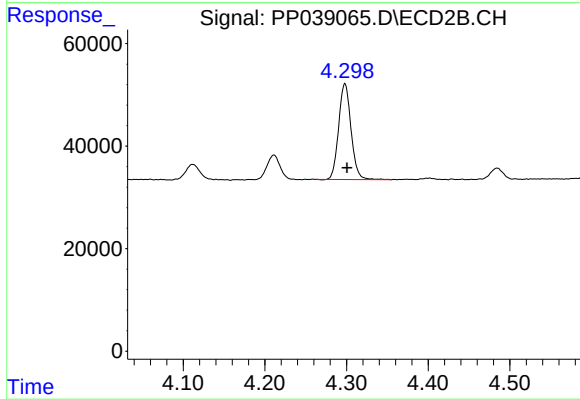
#9 AR-1221-2

R.T.: 4.211 min  
Delta R.T.: -0.003 min  
Response: 54458  
Conc: 272.11 ng/ml



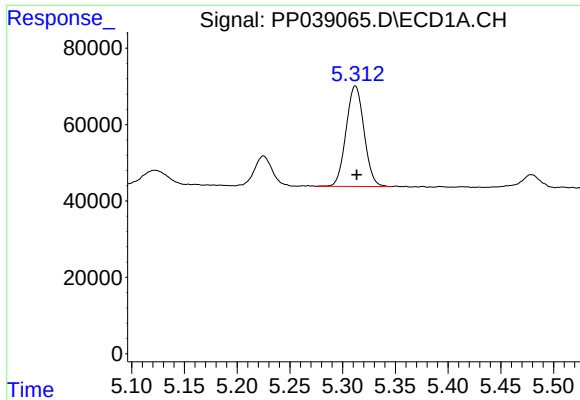
#10 AR-1221-3

R.T.: 5.312 min  
Delta R.T.: -0.001 min  
Response: 312412  
Conc: 312.54 ng/ml



#10 AR-1221-3

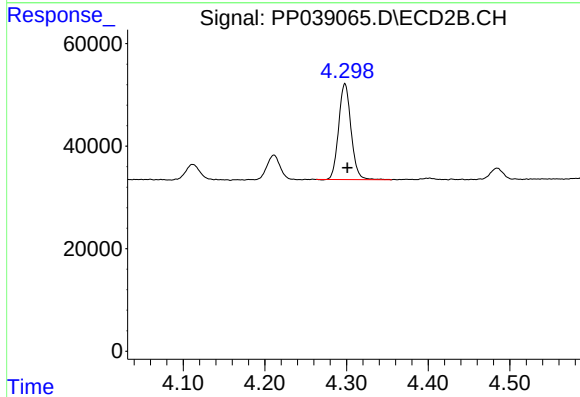
R.T.: 4.298 min  
Delta R.T.: -0.003 min  
Response: 197730  
Conc: 300.52 ng/ml



#11 AR-1232-1

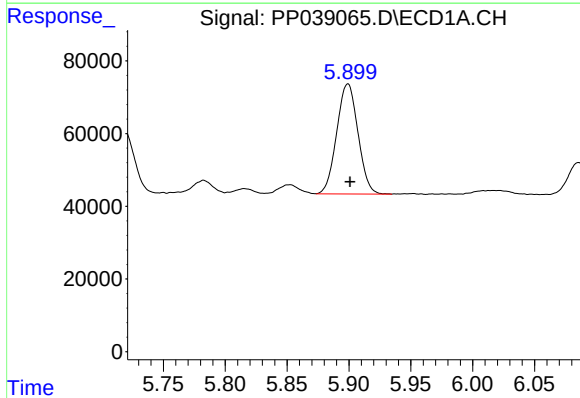
R.T.: 5.312 min  
Delta R.T.: -0.001 min  
Response: 312412  
Conc: 341.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



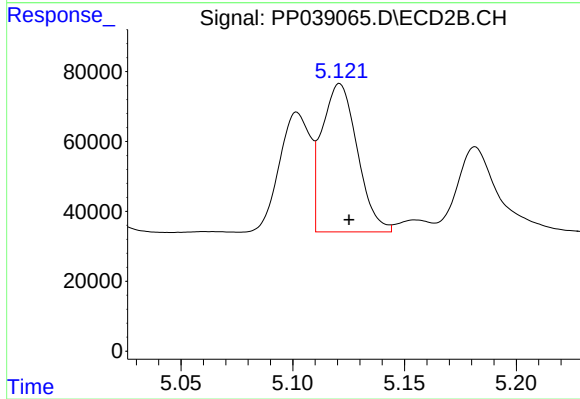
#11 AR-1232-1

R.T.: 4.298 min  
Delta R.T.: -0.003 min  
Response: 197730  
Conc: 331.24 ng/ml



#12 AR-1232-2

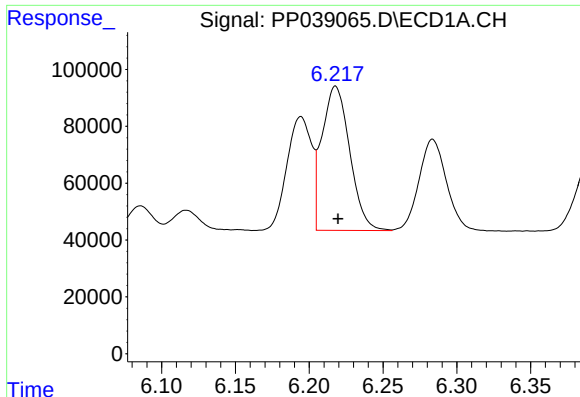
R.T.: 5.899 min  
Delta R.T.: -0.002 min  
Response: 362393  
Conc: 847.20 ng/ml



#12 AR-1232-2

R.T.: 5.121 min  
Delta R.T.: -0.004 min  
Response: 468218  
Conc: 865.42 ng/ml

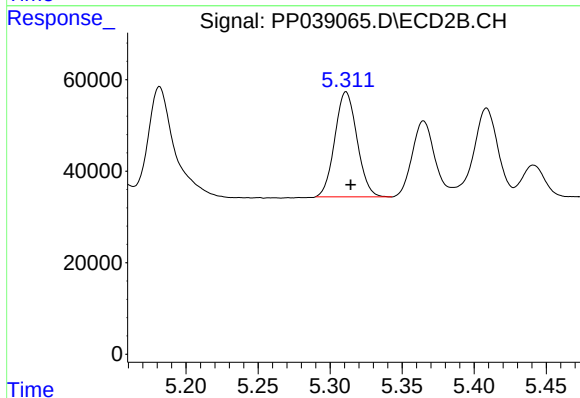




#13 AR-1232-3

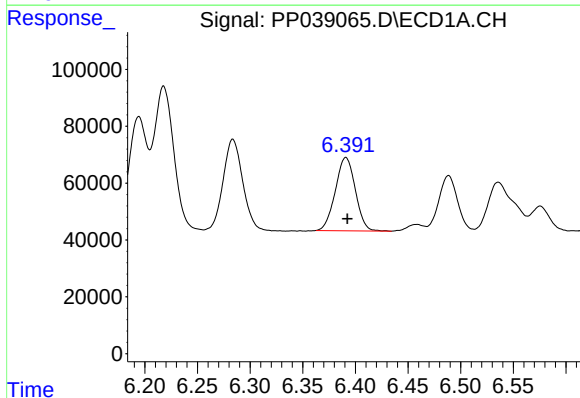
R.T.: 6.218 min  
Delta R.T.: -0.002 min  
Response: 665840  
Conc: 858.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



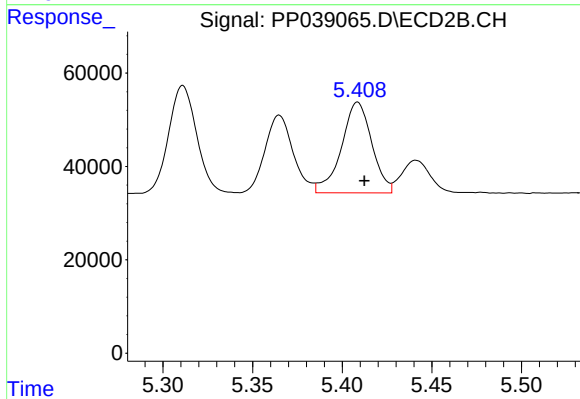
#13 AR-1232-3

R.T.: 5.311 min  
Delta R.T.: -0.003 min  
Response: 246397  
Conc: 883.22 ng/ml



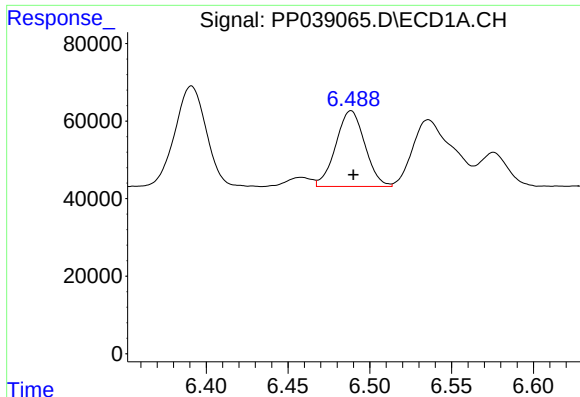
#14 AR-1232-4

R.T.: 6.391 min  
Delta R.T.: -0.002 min  
Response: 341102  
Conc: 888.14 ng/ml



#14 AR-1232-4

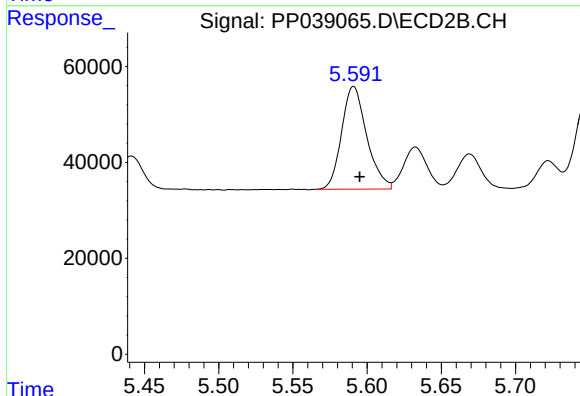
R.T.: 5.409 min  
Delta R.T.: -0.004 min  
Response: 229652  
Conc: 1004.30 ng/ml



#15 AR-1232-5

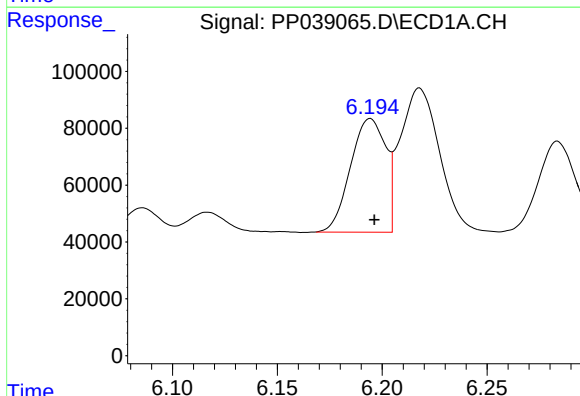
R.T.: 6.489 min  
Delta R.T.: -0.001 min  
Response: 241768  
Conc: 990.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



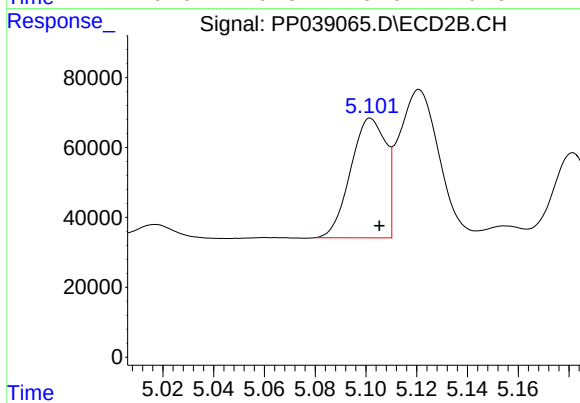
#15 AR-1232-5

R.T.: 5.591 min  
Delta R.T.: -0.004 min  
Response: 252978  
Conc: 1005.16 ng/ml



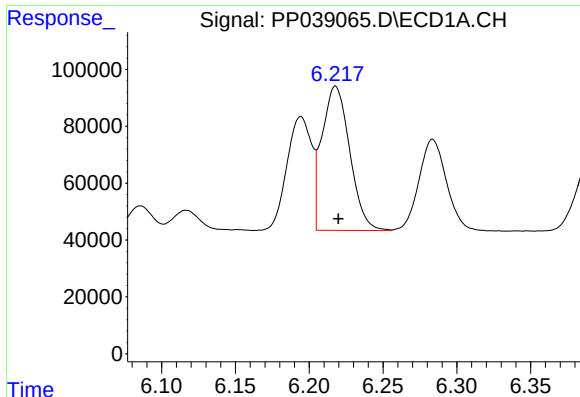
#16 AR-1242-1

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 465223  
Conc: 493.65 ng/ml



#16 AR-1242-1

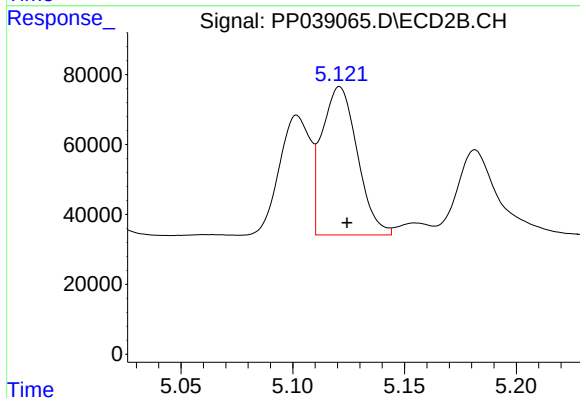
R.T.: 5.102 min  
Delta R.T.: -0.003 min  
Response: 328837  
Conc: 499.49 ng/ml



#17 AR-1242-2

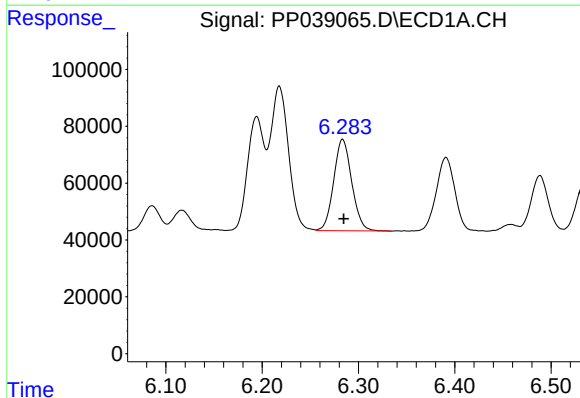
R.T.: 6.218 min  
Delta R.T.: -0.002 min  
Response: 665840  
Conc: 496.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



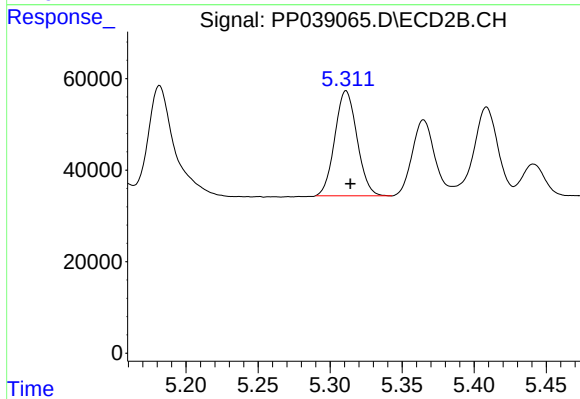
#17 AR-1242-2

R.T.: 5.121 min  
Delta R.T.: -0.003 min  
Response: 468218  
Conc: 506.91 ng/ml



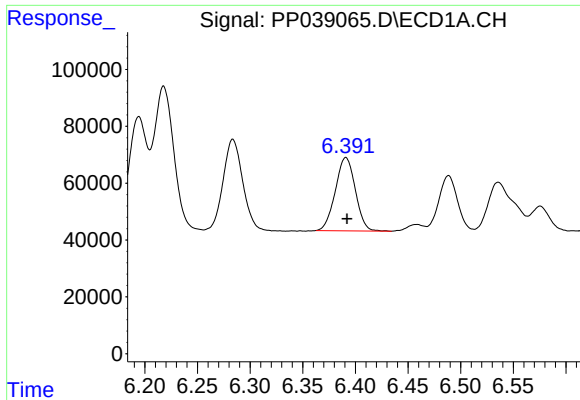
#18 AR-1242-3

R.T.: 6.284 min  
Delta R.T.: -0.001 min  
Response: 419759  
Conc: 505.67 ng/ml



#18 AR-1242-3

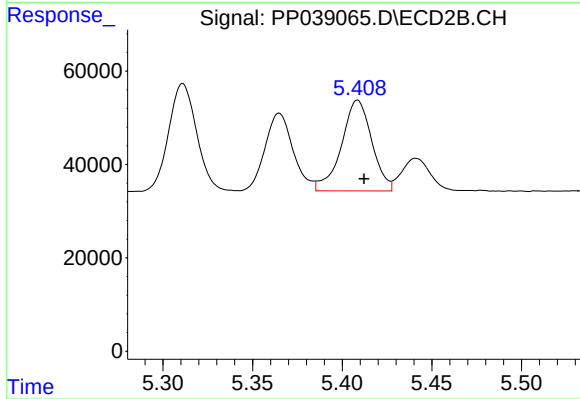
R.T.: 5.311 min  
Delta R.T.: -0.003 min  
Response: 246397  
Conc: 506.92 ng/ml



#19 AR-1242-4

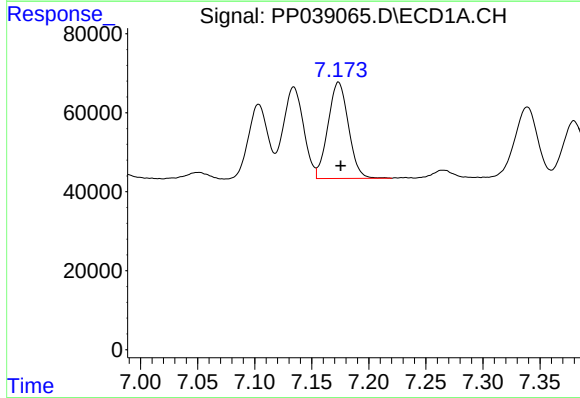
R.T.: 6.391 min  
Delta R.T.: -0.001 min  
Response: 341102  
Conc: 502.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



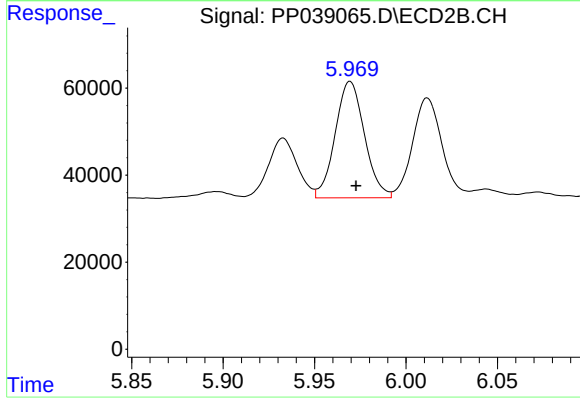
#19 AR-1242-4

R.T.: 5.409 min  
Delta R.T.: -0.004 min  
Response: 229652  
Conc: 509.71 ng/ml



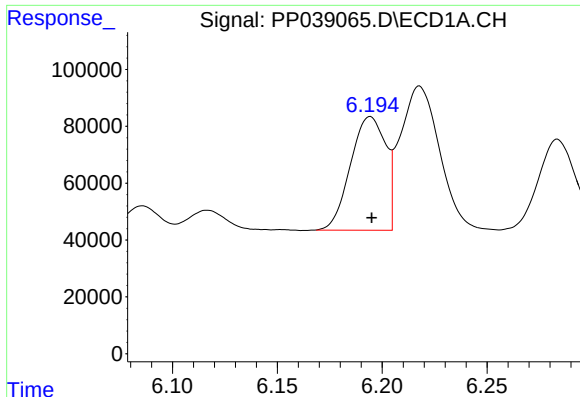
#20 AR-1242-5

R.T.: 7.173 min  
Delta R.T.: -0.002 min  
Response: 304282  
Conc: 479.67 ng/ml



#20 AR-1242-5

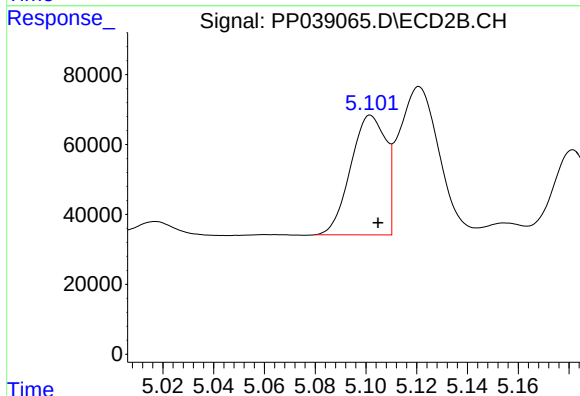
R.T.: 5.969 min  
Delta R.T.: -0.003 min  
Response: 298490  
Conc: 523.57 ng/ml



#21 AR-1248-1

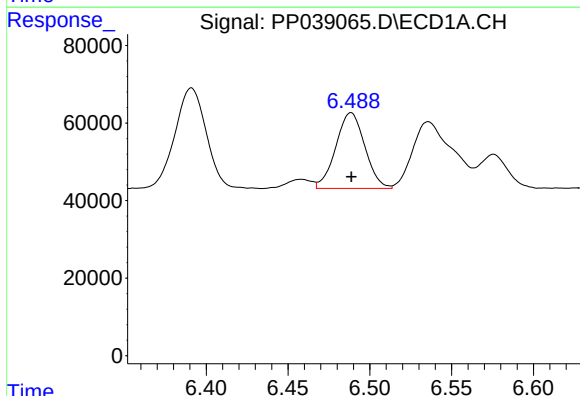
R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 465223  
Conc: 657.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



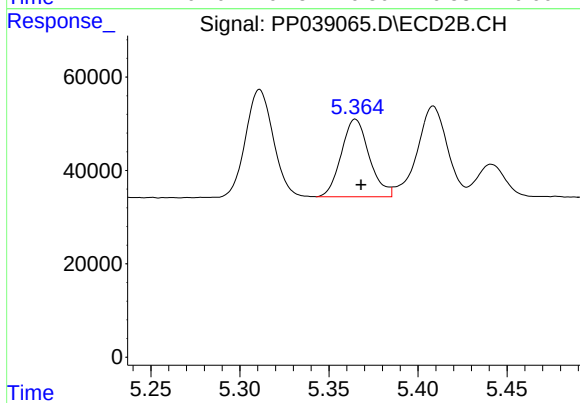
#21 AR-1248-1

R.T.: 5.102 min  
Delta R.T.: -0.003 min  
Response: 328837  
Conc: 693.30 ng/ml



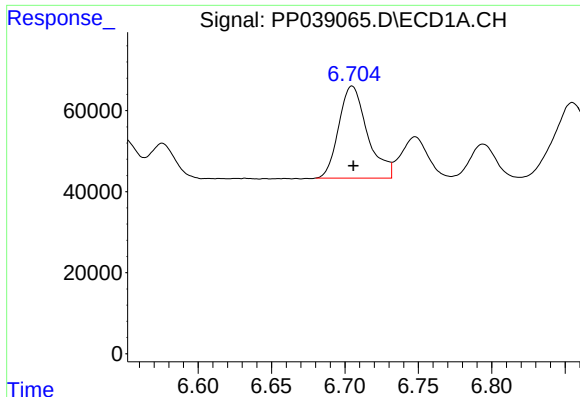
#22 AR-1248-2

R.T.: 6.489 min  
Delta R.T.: 0.000 min  
Response: 241768  
Conc: 279.81 ng/ml



#22 AR-1248-2

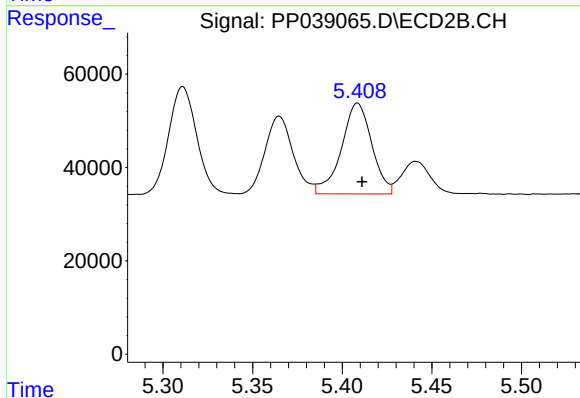
R.T.: 5.365 min  
Delta R.T.: -0.003 min  
Response: 181481  
Conc: 278.45 ng/ml



#23 AR-1248-3

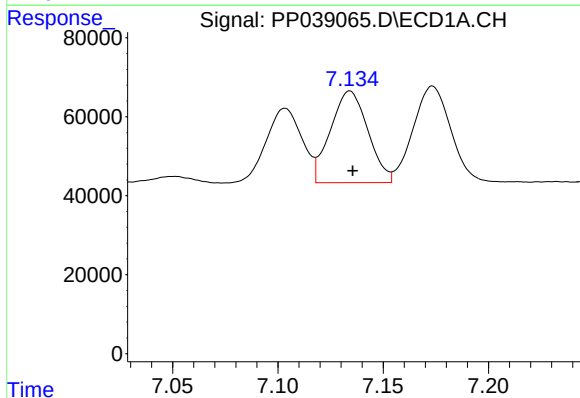
R.T.: 6.705 min  
Delta R.T.: -0.001 min  
Response: 308650  
Conc: 318.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



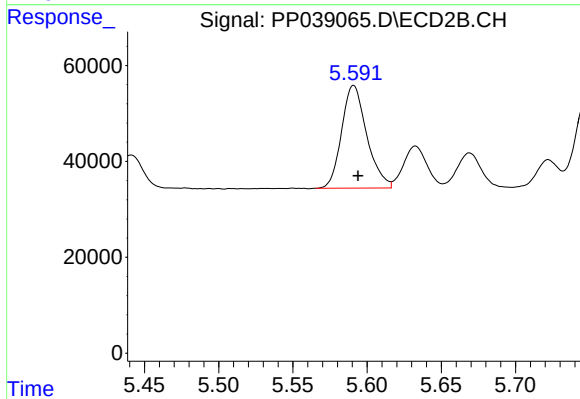
#23 AR-1248-3

R.T.: 5.409 min  
Delta R.T.: -0.003 min  
Response: 229652  
Conc: 339.66 ng/ml



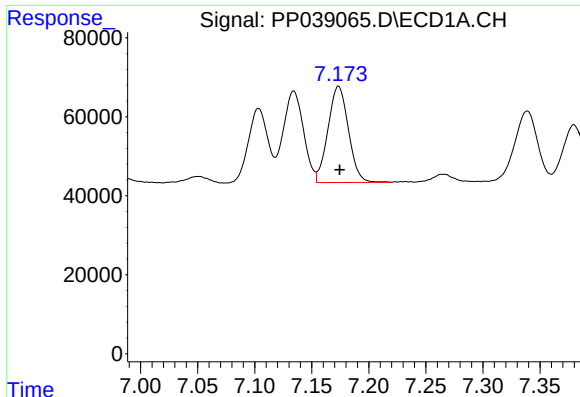
#24 AR-1248-4

R.T.: 7.134 min  
Delta R.T.: -0.001 min  
Response: 288496  
Conc: 274.53 ng/ml



#24 AR-1248-4

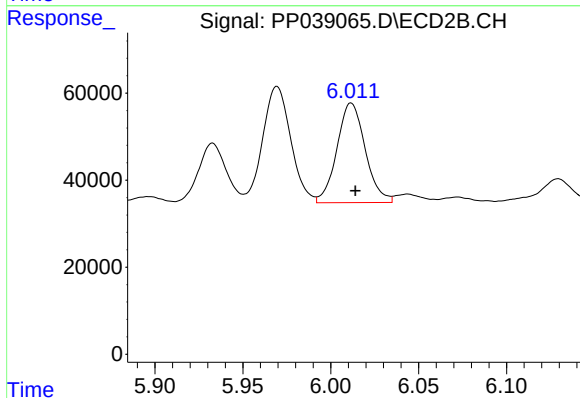
R.T.: 5.591 min  
Delta R.T.: -0.003 min  
Response: 252978  
Conc: 311.78 ng/ml



#25 AR-1248-5

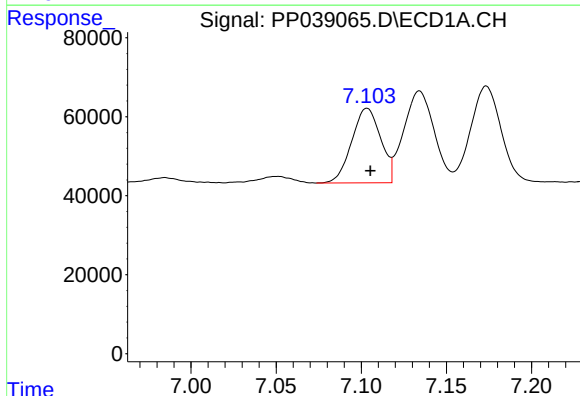
R.T.: 7.173 min  
Delta R.T.: 0.000 min  
Response: 304282  
Conc: 294.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



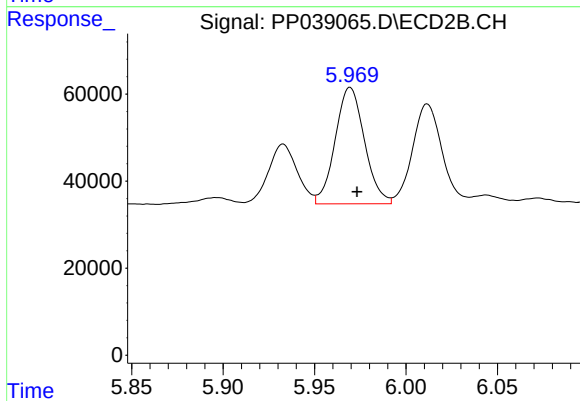
#25 AR-1248-5

R.T.: 6.012 min  
Delta R.T.: -0.002 min  
Response: 257159  
Conc: 312.65 ng/ml



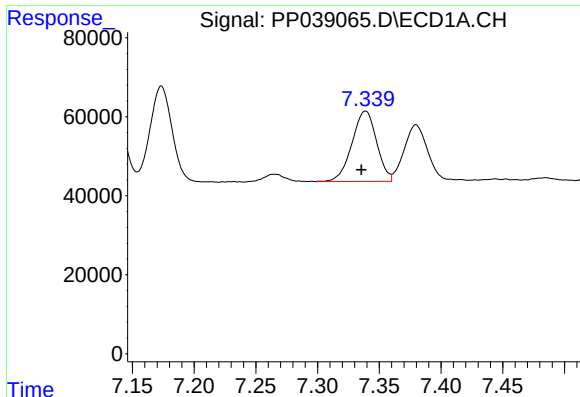
#26 AR-1254-1

R.T.: 7.103 min  
Delta R.T.: -0.002 min  
Response: 224056  
Conc: 214.73 ng/ml



#26 AR-1254-1

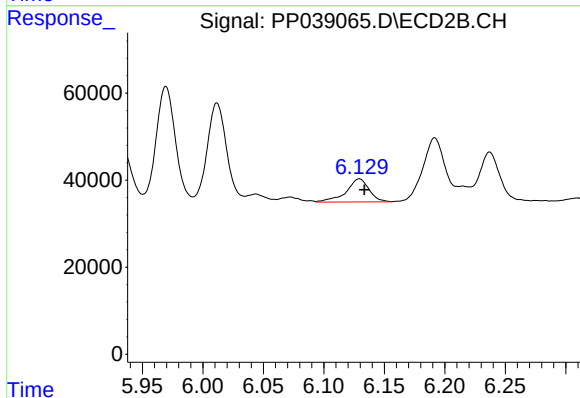
R.T.: 5.969 min  
Delta R.T.: -0.004 min  
Response: 298490  
Conc: 242.25 ng/ml



#27 AR-1254-2

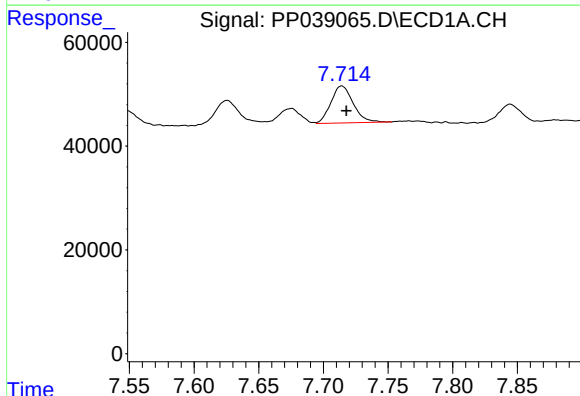
R.T.: 7.339 min  
Delta R.T.: 0.003 min  
Response: 248263  
Conc: 163.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



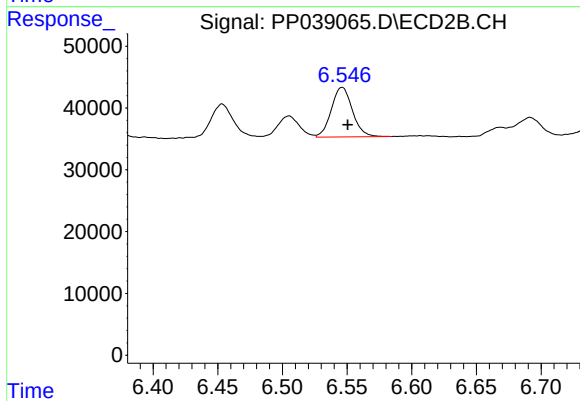
#27 AR-1254-2

R.T.: 6.129 min  
Delta R.T.: -0.004 min  
Response: 70067  
Conc: 64.44 ng/ml



#28 AR-1254-3

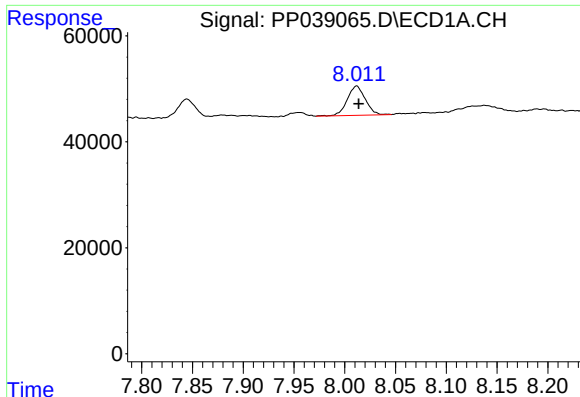
R.T.: 7.714 min  
Delta R.T.: -0.004 min  
Response: 85559  
Conc: 55.53 ng/ml



#28 AR-1254-3

R.T.: 6.546 min  
Delta R.T.: -0.004 min  
Response: 91143  
Conc: 52.47 ng/ml

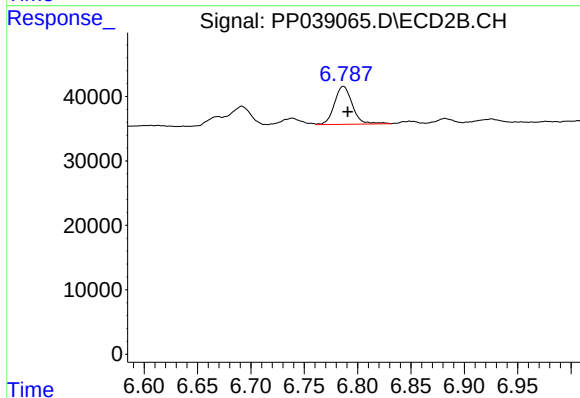




#29 AR-1254-4

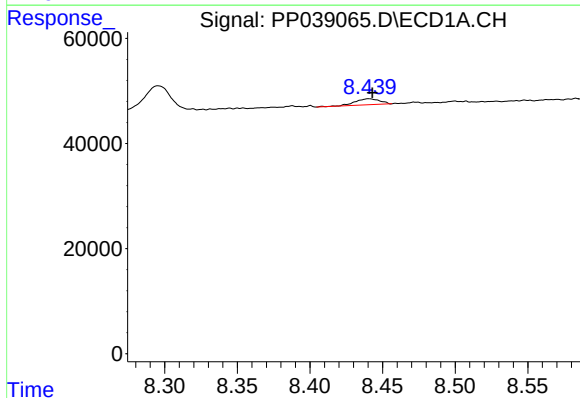
R.T.: 8.012 min  
Delta R.T.: -0.002 min  
Response: 69141  
Conc: 61.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



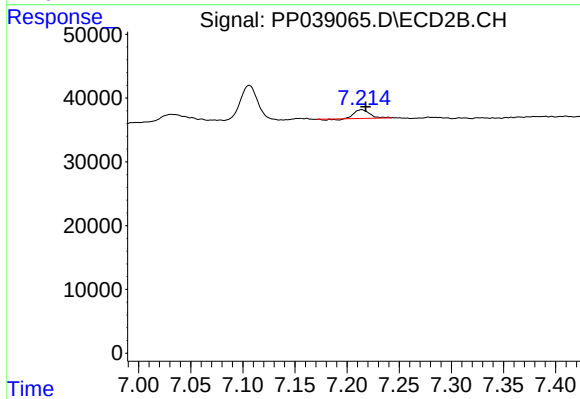
#29 AR-1254-4

R.T.: 6.787 min  
Delta R.T.: -0.004 min  
Response: 68635  
Conc: 61.83 ng/ml



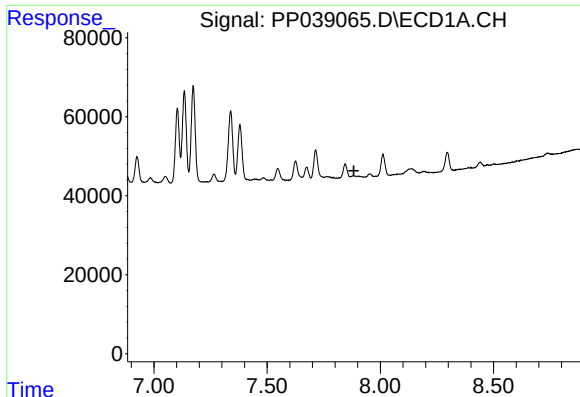
#30 AR-1254-5

R.T.: 8.441 min  
Delta R.T.: -0.002 min  
Response: 13608  
Conc: 12.05 ng/ml



#30 AR-1254-5

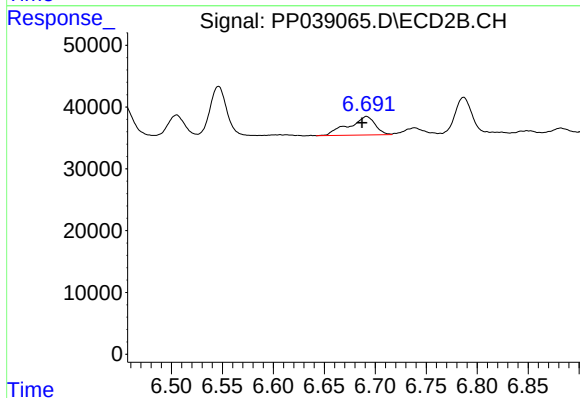
R.T.: 7.214 min  
Delta R.T.: -0.004 min  
Response: 13187  
Conc: 8.70 ng/ml



#31 AR-1260-1

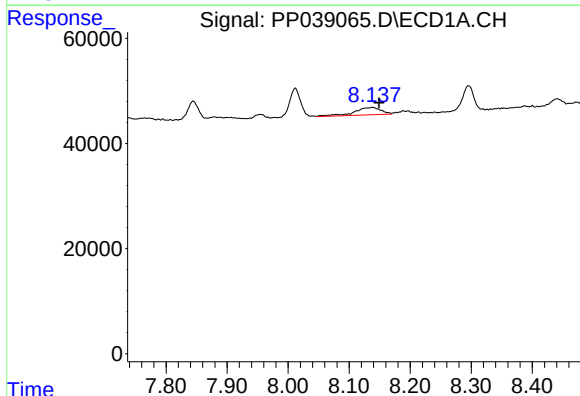
R.T.: 0.000 min  
Exp R.T.: 7.883 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



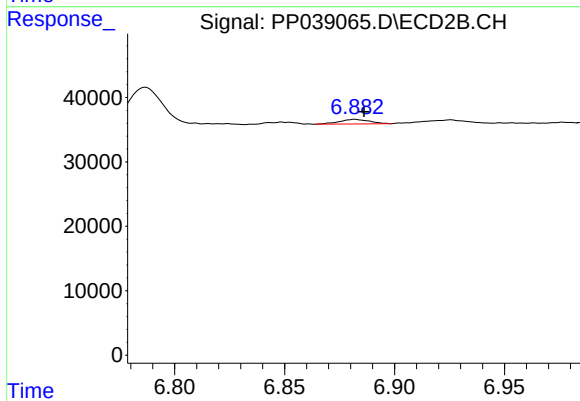
#31 AR-1260-1

R.T.: 6.691 min  
Delta R.T.: 0.004 min  
Response: 54068  
Conc: 49.33 ng/ml



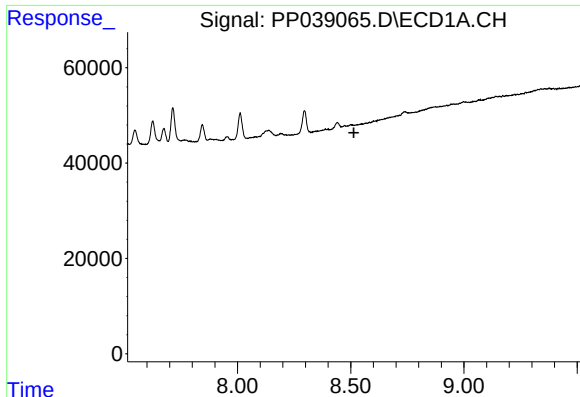
#32 AR-1260-2

R.T.: 8.138 min  
Delta R.T.: -0.011 min  
Response: 42281  
Conc: 35.10 ng/ml



#32 AR-1260-2

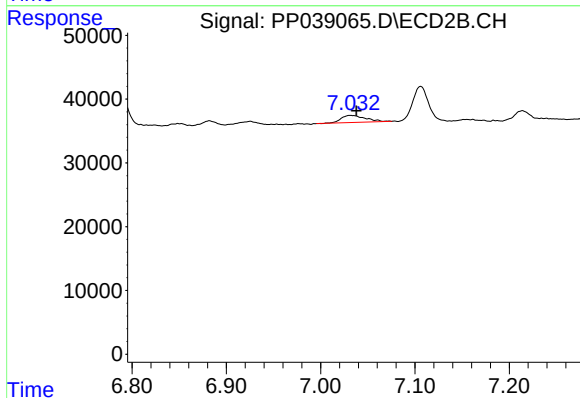
R.T.: 6.882 min  
Delta R.T.: -0.004 min  
Response: 6721  
Conc: 5.05 ng/ml



#33 AR-1260-3

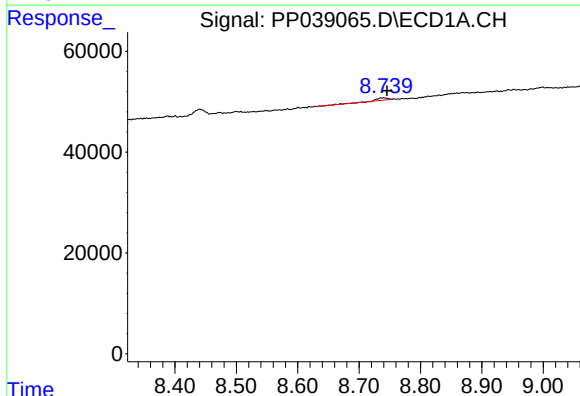
R.T.: 0.000 min  
Exp R.T.: 8.514 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



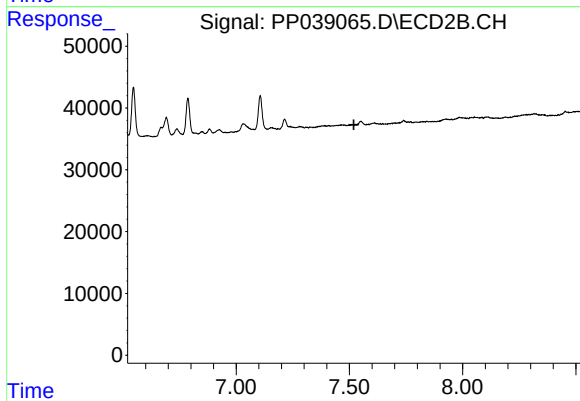
#33 AR-1260-3

R.T.: 7.032 min  
Delta R.T.: -0.006 min  
Response: 20117  
Conc: 14.56 ng/ml



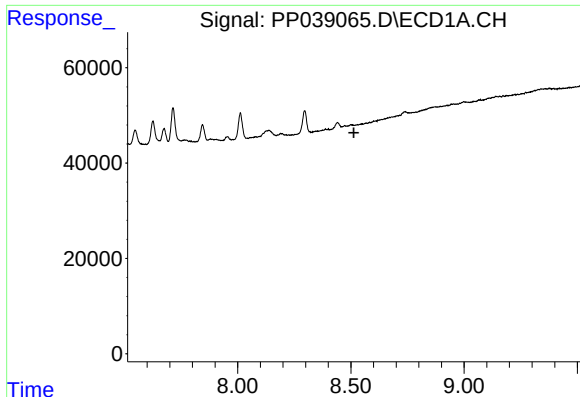
#34 AR-1260-4

R.T.: 8.740 min  
Delta R.T.: -0.005 min  
Response: 5534  
Conc: 5.47 ng/ml



#34 AR-1260-4

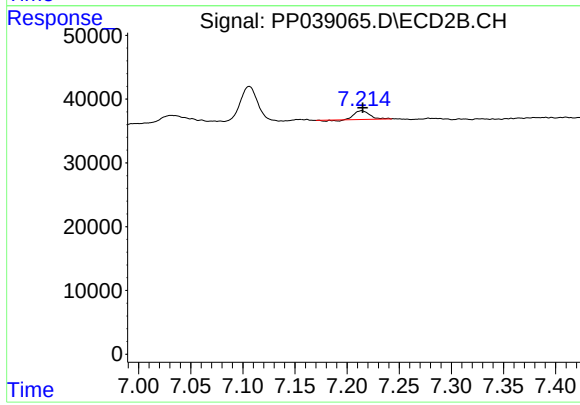
R.T.: 0.000 min  
Exp R.T.: 7.520 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 8.513 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242CCC500



#36 AR-1262-1

R.T.: 7.214 min  
Delta R.T.: 0.000 min  
Response: 13187  
Conc: 15.43 ng/ml