

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP112221\  
 Data File : PP041235.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 23 Nov 2021 1:46  
 Operator : AJ\MA  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 23 02:37:12 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... | 4.755  | 3.758  | 1078915 | 1544074 | 51.161   | 55.561     |
| 2)                          | SA Decachlor... | 10.656 | 9.019  | 1146829 | 735739  | 52.501   | 51.324     |
| Target Compounds            |                 |        |        |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.072  | 5.005  | 196803  | 250368  | 279.922  | 295.017    |
| 4)                          | L1 AR-1016-2    | 6.095  | 5.023  | 252940  | 278182  | 227.698  | 226.353    |
| 5)                          | L1 AR-1016-3    | 6.160  | 5.215  | 121232  | 179458  | 170.398  | 266.331 #  |
| 6)                          | L1 AR-1016-4    | 6.265  | 5.268  | 132420  | 358039  | 234.758  | 658.366 #  |
| 7)                          | L1 AR-1016-5    | 6.579  | 5.494  | 343396  | 416072  | 620.947  | 624.509    |
| 9)                          | L2 AR-1221-2    | 5.105  | 4.107  | 14559   | 24551   | 94.050   | 96.822     |
| 10)                         | L2 AR-1221-3    | 5.191  | 4.200  | 16434   | 38118   | 30.721   | 50.734 #   |
| 11)                         | L3 AR-1232-1    | 5.191  | 4.200  | 16434   | 38118   | 37.096   | 63.647 #   |
| 12)                         | L3 AR-1232-2    | 5.775  | 5.023  | 88325   | 278182  | 382.733  | 559.642 #  |
| 13)                         | L3 AR-1232-3    | 6.095  | 5.215  | 252940  | 179458  | 591.706  | 670.245    |
| 14)                         | L3 AR-1232-4    | 6.265  | 5.311  | 132420  | 370807  | 651.625  | 1580.612 # |
| 15)                         | L3 AR-1232-5    | 6.364  | 5.494  | 281656  | 416072  | 1995.192 | 1691.965   |
| 16)                         | L4 AR-1242-1    | 6.072  | 5.005  | 196803  | 250368  | 380.722  | 394.444    |
| 17)                         | L4 AR-1242-2    | 6.095  | 5.023  | 252940  | 278182  | 309.651  | 302.498    |
| 18)                         | L4 AR-1242-3    | 6.160  | 5.215  | 121232  | 179458  | 230.684  | 353.512 #  |
| 19)                         | L4 AR-1242-4    | 6.265  | 5.311  | 132420  | 370807  | 328.132  | 755.384 #  |
| 20)                         | L4 AR-1242-5    | 7.047  | 5.874  | 403639  | 541728  | 902.957  | 1003.370   |
| 21)                         | L5 AR-1248-1    | 6.072  | 5.005  | 196803  | 250368  | 529.690  | 518.280    |
| 22)                         | L5 AR-1248-2    | 6.364  | 5.268  | 281656  | 358039  | 507.944  | 527.736    |
| 23)                         | L5 AR-1248-3    | 6.579  | 5.311  | 343396  | 370807  | 509.960  | 531.411    |
| 24)                         | L5 AR-1248-4    | 7.008  | 5.494  | 390662  | 416072  | 523.620  | 519.673    |
| 25)                         | L5 AR-1248-5    | 7.047  | 5.916  | 403639  | 392321  | 533.861  | 541.908    |
| 26)                         | L6 AR-1254-1    | 6.977  | 5.874  | 300963  | 541728  | 389.713  | 475.736    |
| 27)                         | L6 AR-1254-2    | 7.210  | 6.033  | 394856  | 180371  | 319.452  | 183.951 #  |
| 28)                         | L6 AR-1254-3    | 7.586  | 6.452  | 215702  | 244095  | 161.087  | 168.752    |
| 29)                         | L6 AR-1254-4    | 7.883  | 6.693  | 141709  | 155768  | 148.490  | 187.786 #  |
| 30)                         | L6 AR-1254-5    | 8.310  | 7.120  | 24674   | 45273   | 23.214   | 38.839 #   |
| 31)                         | L7 AR-1260-1    | 7.752  | 6.598  | 8121    | 123150  | 8.239    | 128.638 #  |
| 32)                         | L7 AR-1260-2    | 8.016  | 6.788  | 31604   | 31483   | 26.742   | 29.017     |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.938  | 0       | 27959   | N.D.     | 27.865 #   |
| 34)                         | L7 AR-1260-4    | 8.606  | 7.458f | 21398   | 14440   | 19.804   | 17.606     |
| 35)                         | L7 AR-1260-5    | 8.927  | 0.000  | 6797    | 0       | 3.262    | N.D. #     |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.120  | 0       | 45273   | N.D.     | 76.430 #   |
| 37)                         | L8 AR-1262-2    | 8.927  | 0.000  | 6797    | 0       | 3.223    | N.D. #     |
| -----                       |                 |        |        |         |         |          |            |

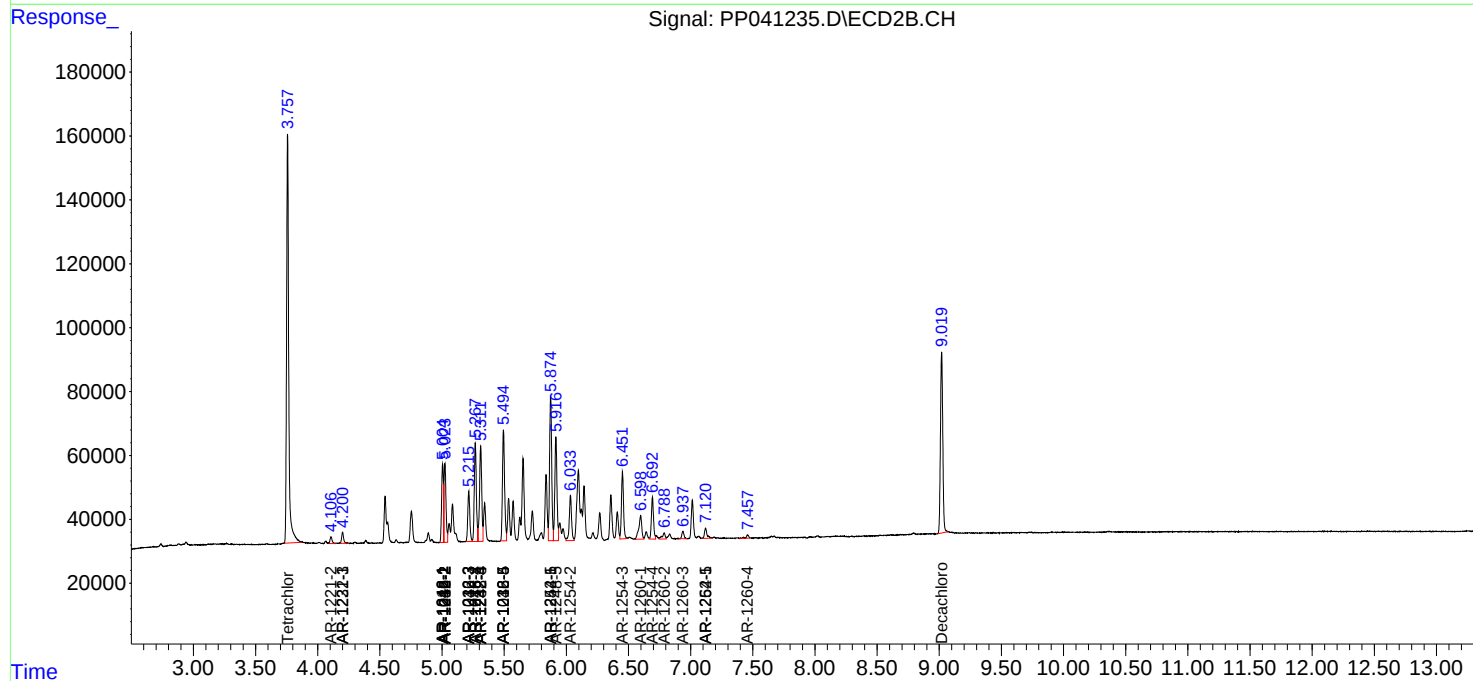
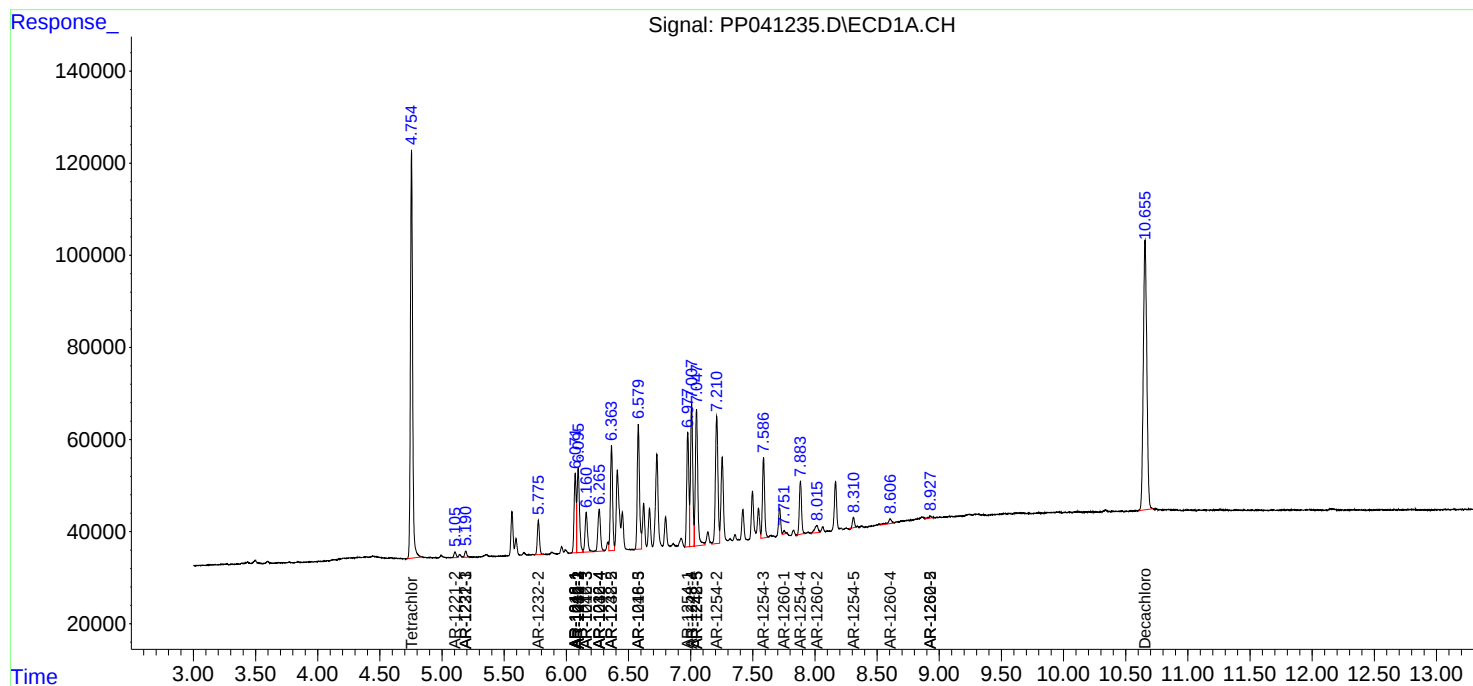
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

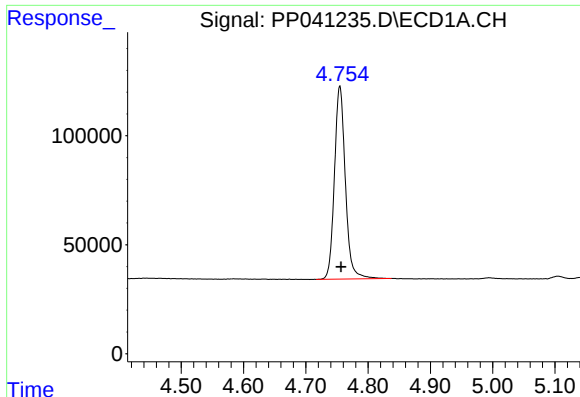
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP112221\  
Data File : PP041235.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 23 Nov 2021 1:46  
Operator : AJ\MA  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 23 02:37:12 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

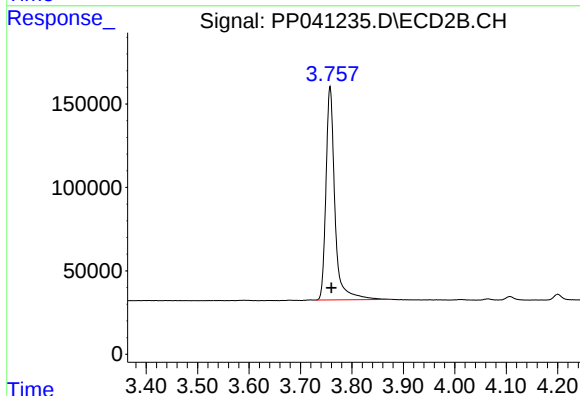




#1 Tetrachloro-m-xylene

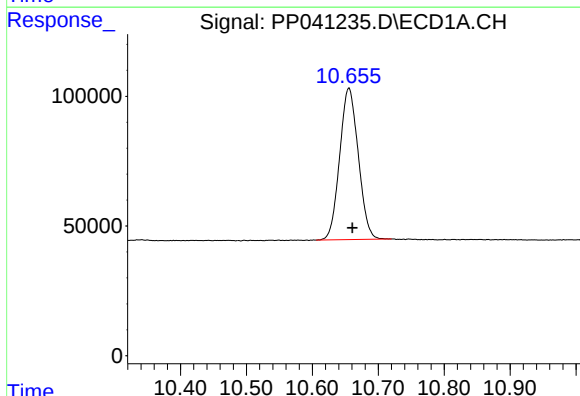
R.T.: 4.755 min  
Delta R.T.: -0.002 min  
Response: 1078915  
Conc: 51.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



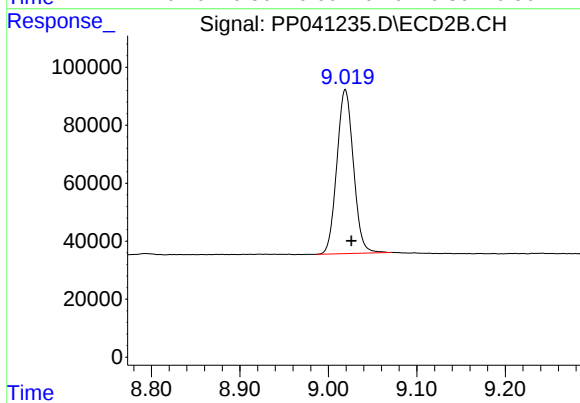
#1 Tetrachloro-m-xylene

R.T.: 3.758 min  
Delta R.T.: -0.003 min  
Response: 1544074  
Conc: 55.56 ng/ml



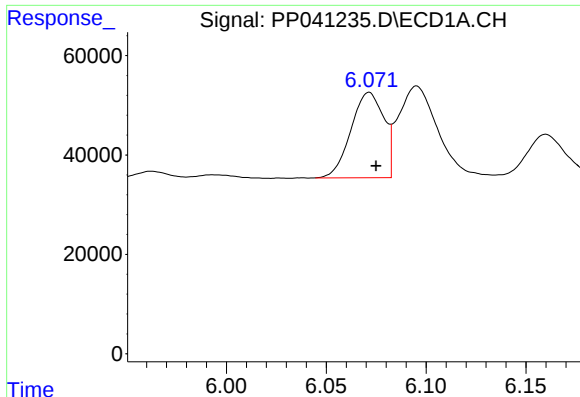
#2 Decachlorobiphenyl

R.T.: 10.656 min  
Delta R.T.: -0.005 min  
Response: 1146829  
Conc: 52.50 ng/ml



#2 Decachlorobiphenyl

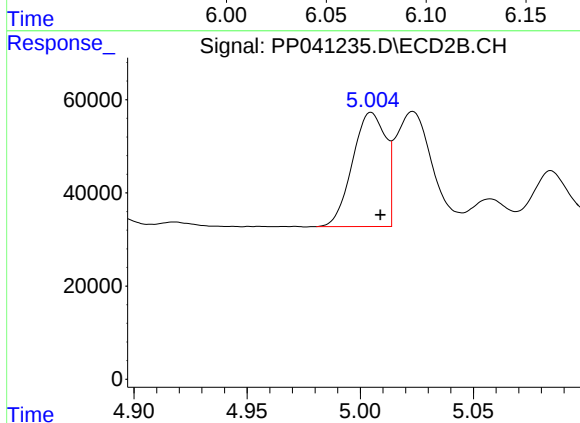
R.T.: 9.019 min  
Delta R.T.: -0.007 min  
Response: 735739  
Conc: 51.32 ng/ml



#3 AR-1016-1

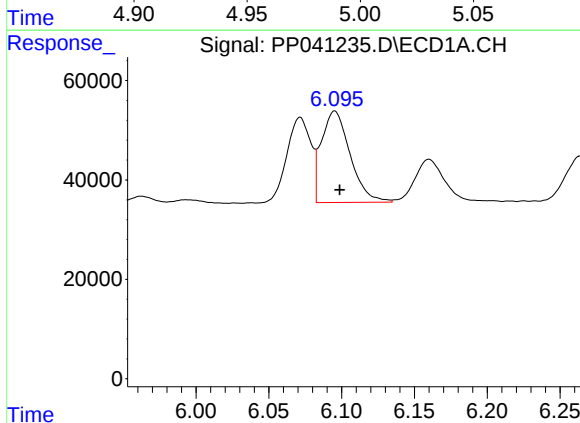
R.T.: 6.072 min  
Delta R.T.: -0.003 min  
Response: 196803  
Conc: 279.92 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



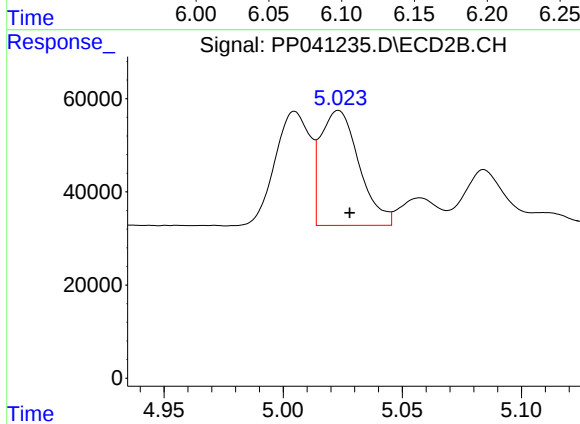
#3 AR-1016-1

R.T.: 5.005 min  
Delta R.T.: -0.004 min  
Response: 250368  
Conc: 295.02 ng/ml



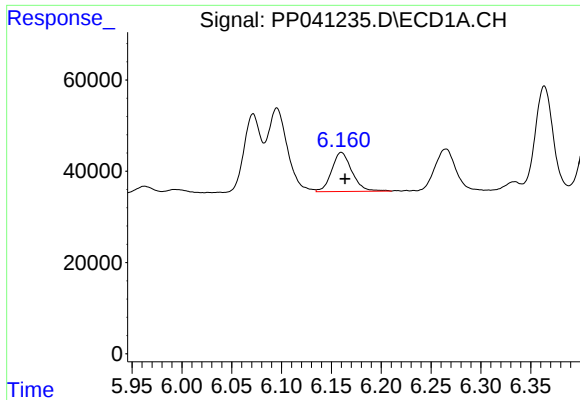
#4 AR-1016-2

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 252940  
Conc: 227.70 ng/ml



#4 AR-1016-2

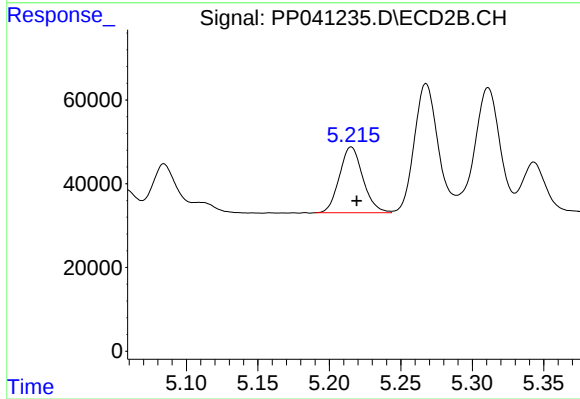
R.T.: 5.023 min  
Delta R.T.: -0.005 min  
Response: 278182  
Conc: 226.35 ng/ml



#5 AR-1016-3

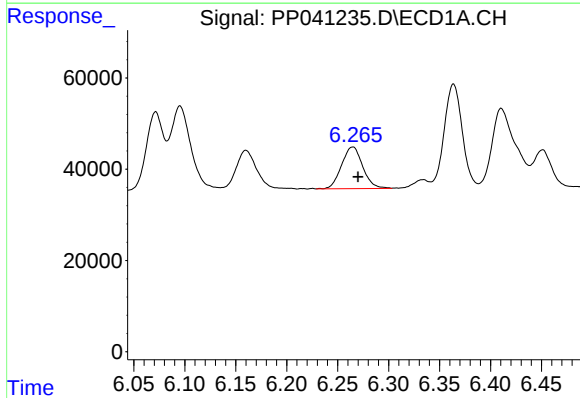
R.T.: 6.160 min  
Delta R.T.: -0.004 min  
Response: 121232  
Conc: 170.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



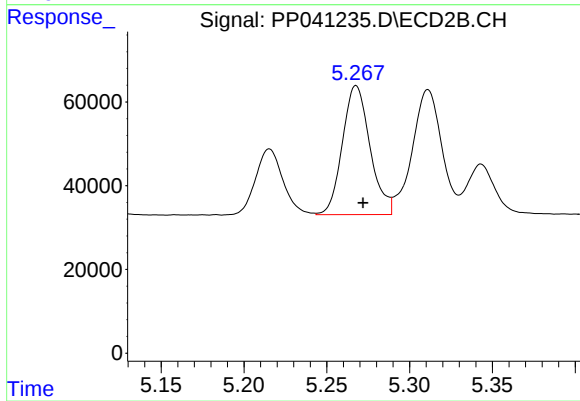
#5 AR-1016-3

R.T.: 5.215 min  
Delta R.T.: -0.004 min  
Response: 179458  
Conc: 266.33 ng/ml



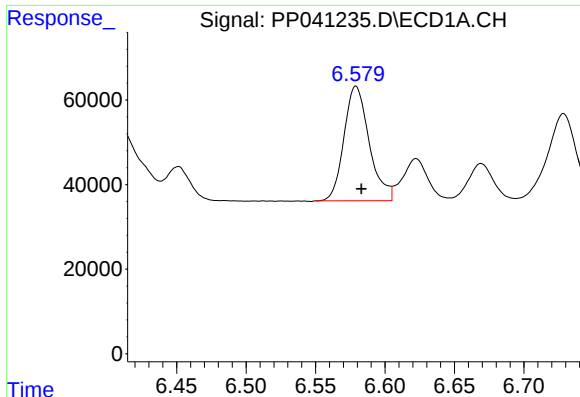
#6 AR-1016-4

R.T.: 6.265 min  
Delta R.T.: -0.005 min  
Response: 132420  
Conc: 234.76 ng/ml



#6 AR-1016-4

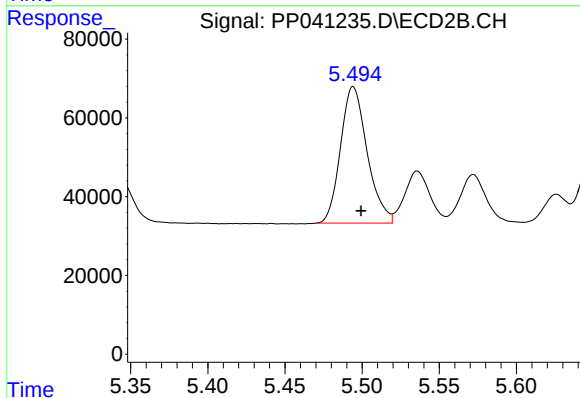
R.T.: 5.268 min  
Delta R.T.: -0.004 min  
Response: 358039  
Conc: 658.37 ng/ml



#7 AR-1016-5

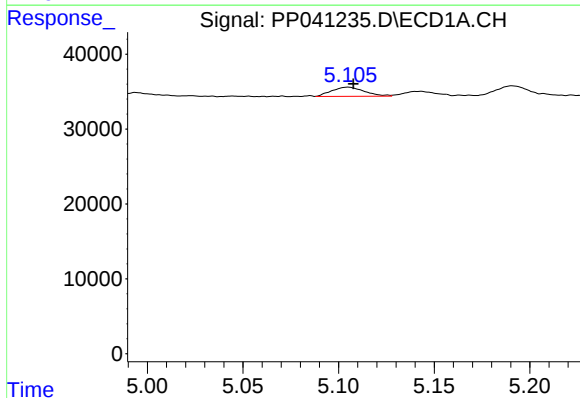
R.T.: 6.579 min  
Delta R.T.: -0.004 min  
Response: 343396  
Conc: 620.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



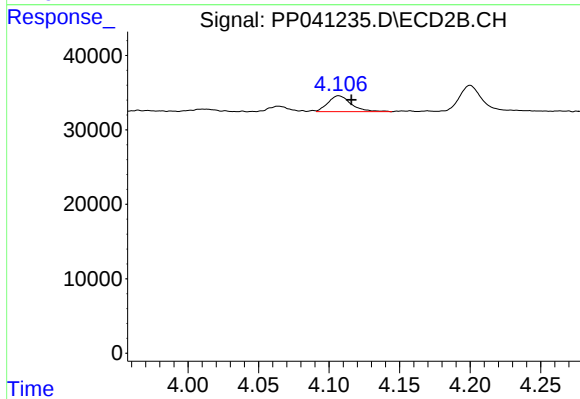
#7 AR-1016-5

R.T.: 5.494 min  
Delta R.T.: -0.005 min  
Response: 416072  
Conc: 624.51 ng/ml



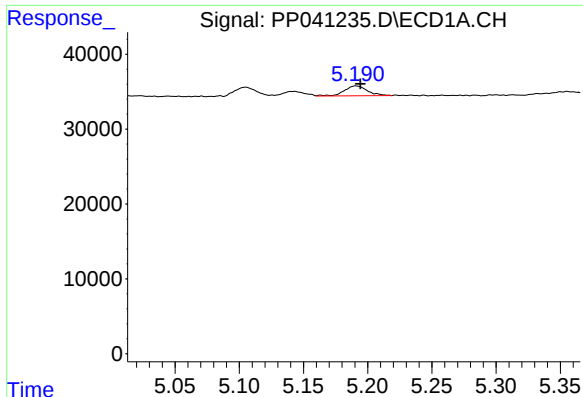
#9 AR-1221-2

R.T.: 5.105 min  
Delta R.T.: -0.003 min  
Response: 14559  
Conc: 94.05 ng/ml



#9 AR-1221-2

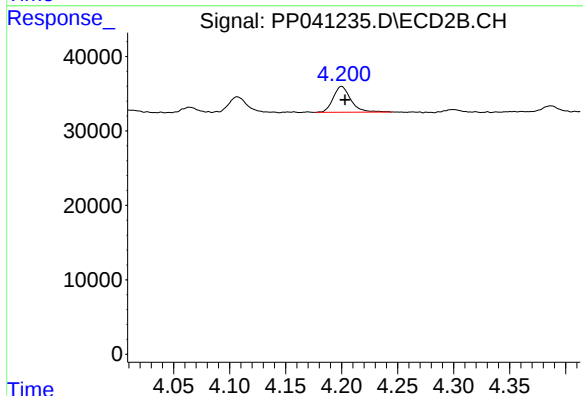
R.T.: 4.107 min  
Delta R.T.: -0.009 min  
Response: 24551  
Conc: 96.82 ng/ml



#10 AR-1221-3

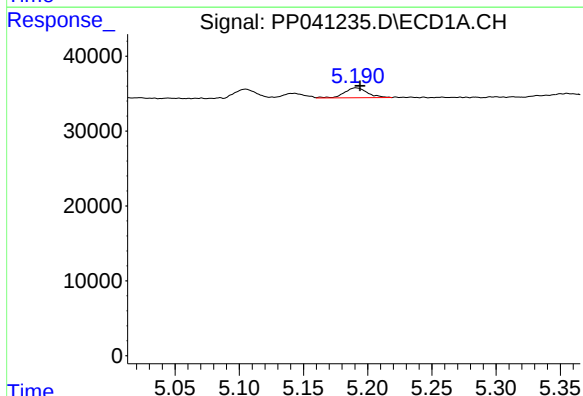
R.T.: 5.191 min  
Delta R.T.: -0.004 min  
Response: 16434  
Conc: 30.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



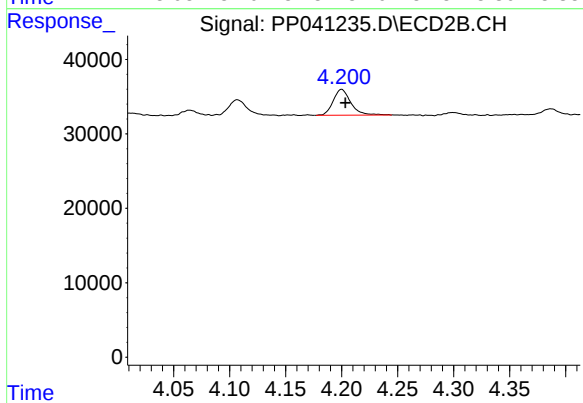
#10 AR-1221-3

R.T.: 4.200 min  
Delta R.T.: -0.003 min  
Response: 38118  
Conc: 50.73 ng/ml



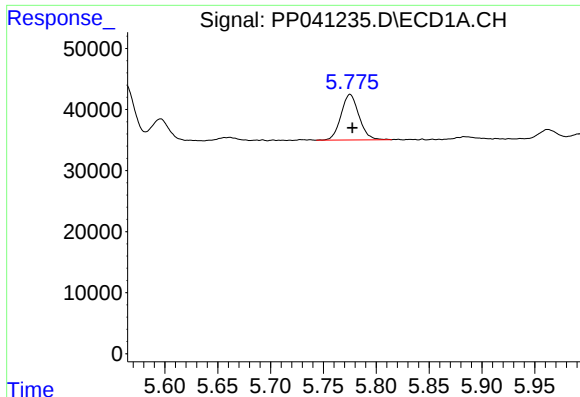
#11 AR-1232-1

R.T.: 5.191 min  
Delta R.T.: -0.003 min  
Response: 16434  
Conc: 37.10 ng/ml



#11 AR-1232-1

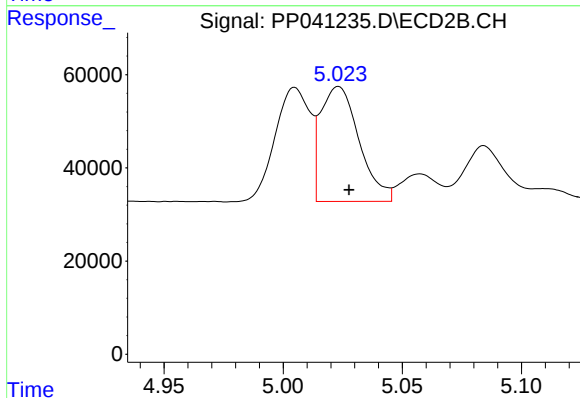
R.T.: 4.200 min  
Delta R.T.: -0.003 min  
Response: 38118  
Conc: 63.65 ng/ml



#12 AR-1232-2

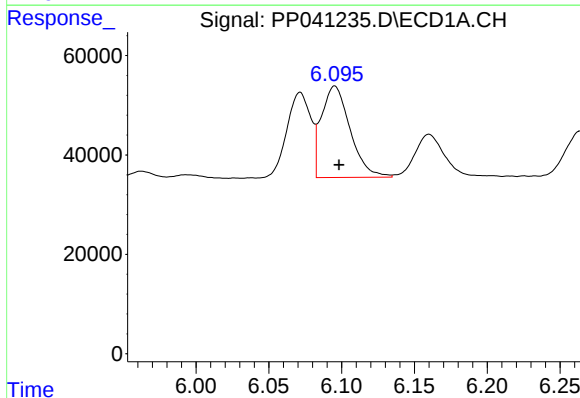
R.T.: 5.775 min  
Delta R.T.: -0.002 min  
Response: 88325  
Conc: 382.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



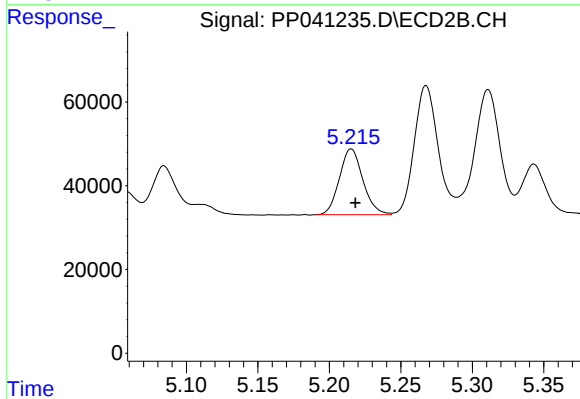
#12 AR-1232-2

R.T.: 5.023 min  
Delta R.T.: -0.004 min  
Response: 278182  
Conc: 559.64 ng/ml



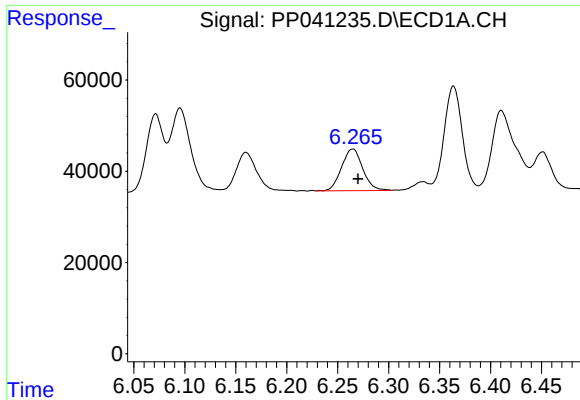
#13 AR-1232-3

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 252940  
Conc: 591.71 ng/ml



#13 AR-1232-3

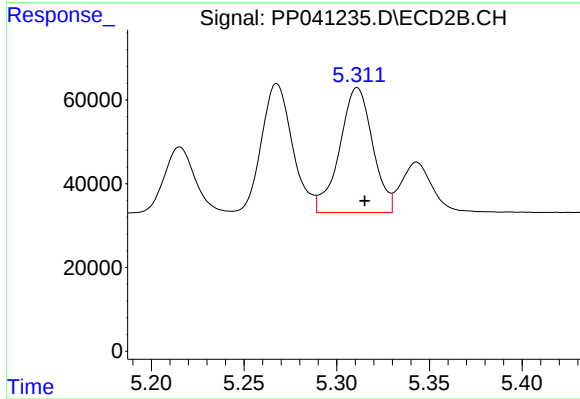
R.T.: 5.215 min  
Delta R.T.: -0.003 min  
Response: 179458  
Conc: 670.24 ng/ml



#14 AR-1232-4

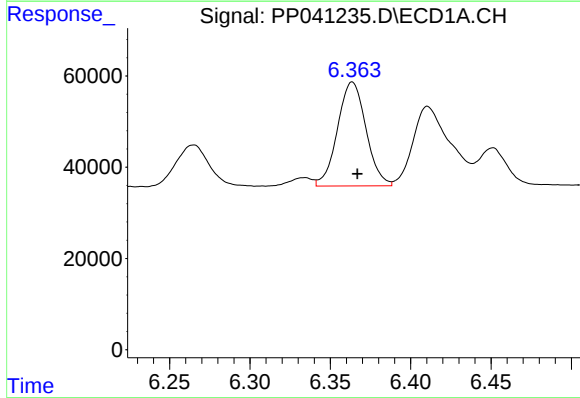
R.T.: 6.265 min  
Delta R.T.: -0.005 min  
Response: 132420  
Conc: 651.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



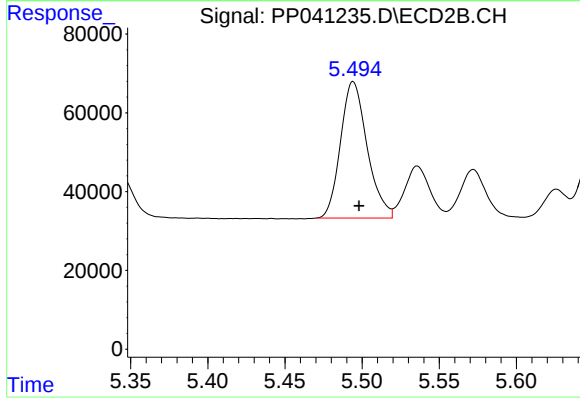
#14 AR-1232-4

R.T.: 5.311 min  
Delta R.T.: -0.004 min  
Response: 370807  
Conc: 1580.61 ng/ml



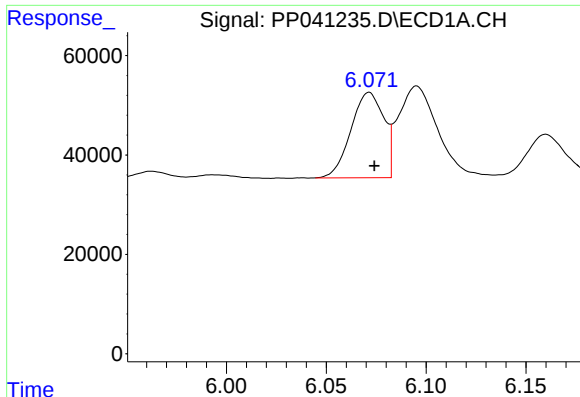
#15 AR-1232-5

R.T.: 6.364 min  
Delta R.T.: -0.003 min  
Response: 281656  
Conc: 1995.19 ng/ml



#15 AR-1232-5

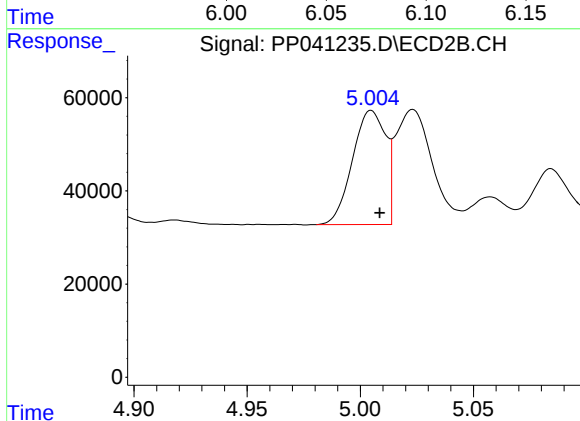
R.T.: 5.494 min  
Delta R.T.: -0.004 min  
Response: 416072  
Conc: 1691.97 ng/ml



#16 AR-1242-1

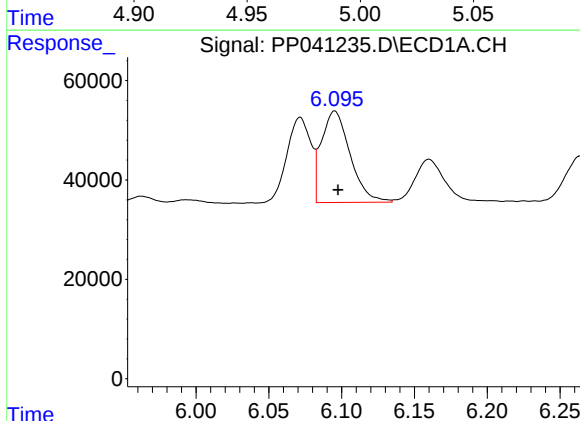
R.T.: 6.072 min  
Delta R.T.: -0.003 min  
Response: 196803  
Conc: 380.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



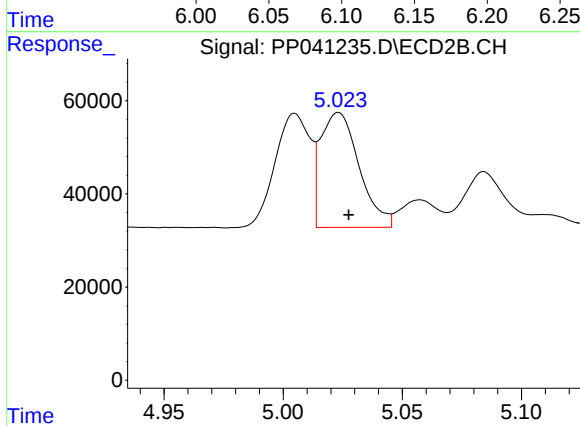
#16 AR-1242-1

R.T.: 5.005 min  
Delta R.T.: -0.004 min  
Response: 250368  
Conc: 394.44 ng/ml



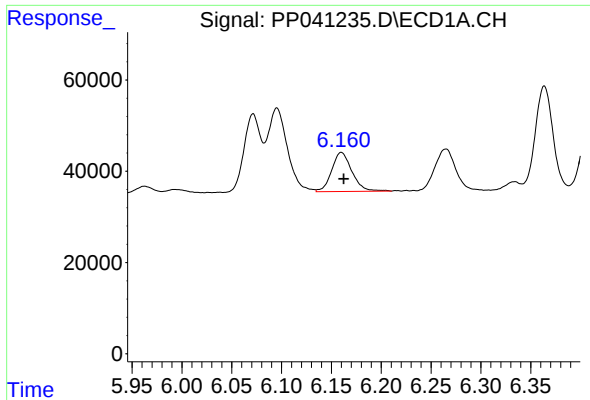
#17 AR-1242-2

R.T.: 6.095 min  
Delta R.T.: -0.002 min  
Response: 252940  
Conc: 309.65 ng/ml



#17 AR-1242-2

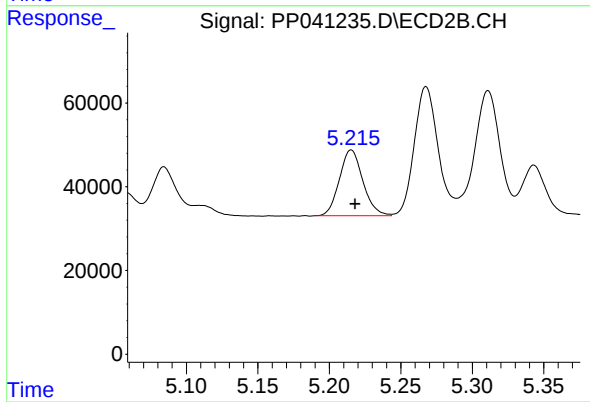
R.T.: 5.023 min  
Delta R.T.: -0.004 min  
Response: 278182  
Conc: 302.50 ng/ml



#18 AR-1242-3

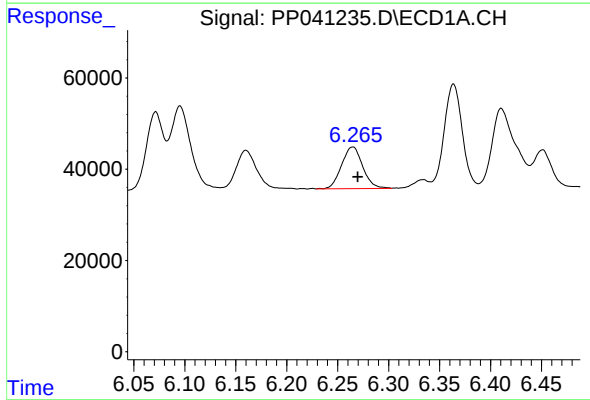
R.T.: 6.160 min  
Delta R.T.: -0.002 min  
Response: 121232  
Conc: 230.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



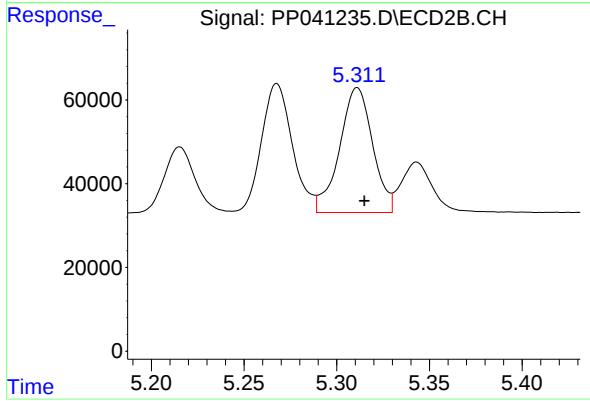
#18 AR-1242-3

R.T.: 5.215 min  
Delta R.T.: -0.003 min  
Response: 179458  
Conc: 353.51 ng/ml



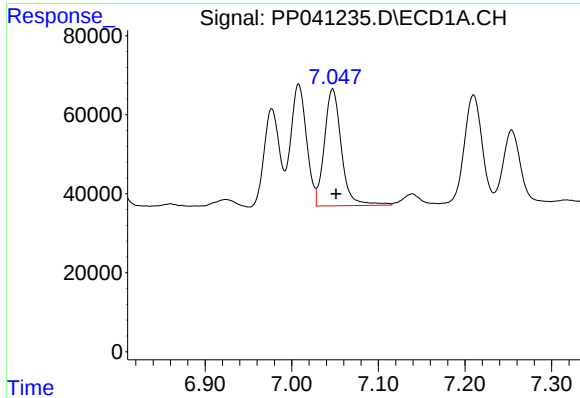
#19 AR-1242-4

R.T.: 6.265 min  
Delta R.T.: -0.005 min  
Response: 132420  
Conc: 328.13 ng/ml



#19 AR-1242-4

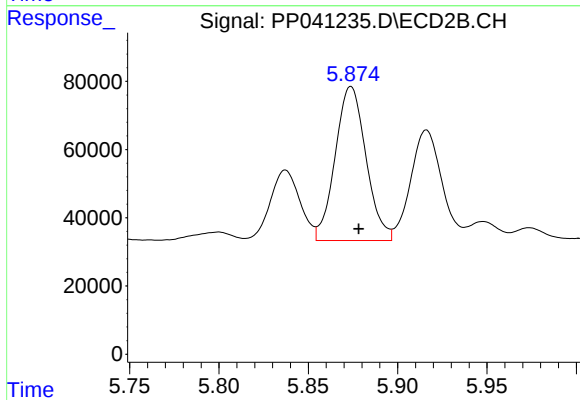
R.T.: 5.311 min  
Delta R.T.: -0.004 min  
Response: 370807  
Conc: 755.38 ng/ml



#20 AR-1242-5

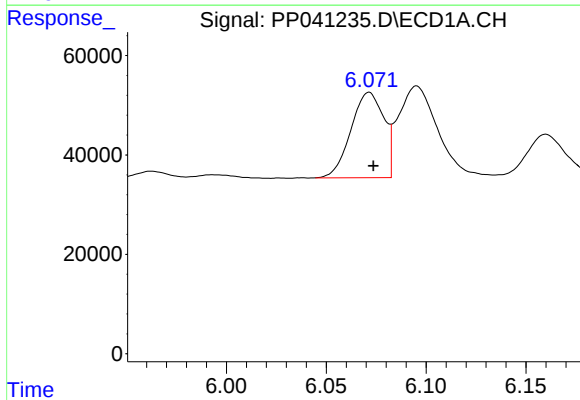
R.T.: 7.047 min  
Delta R.T.: -0.004 min  
Response: 403639  
Conc: 902.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



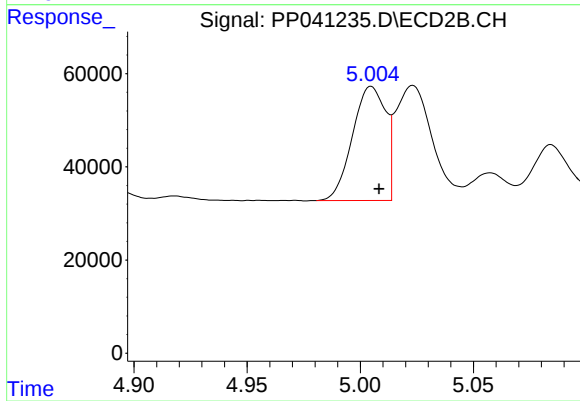
#20 AR-1242-5

R.T.: 5.874 min  
Delta R.T.: -0.004 min  
Response: 541728  
Conc: 1003.37 ng/ml



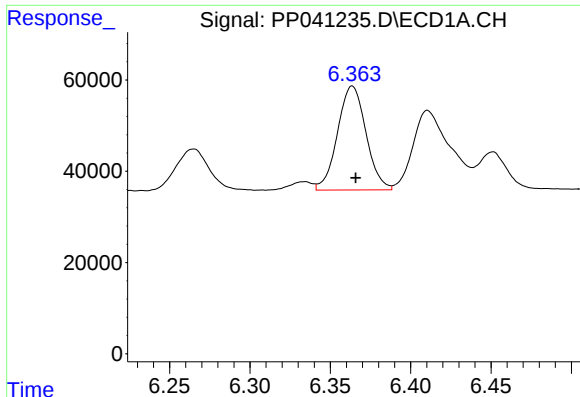
#21 AR-1248-1

R.T.: 6.072 min  
Delta R.T.: -0.002 min  
Response: 196803  
Conc: 529.69 ng/ml



#21 AR-1248-1

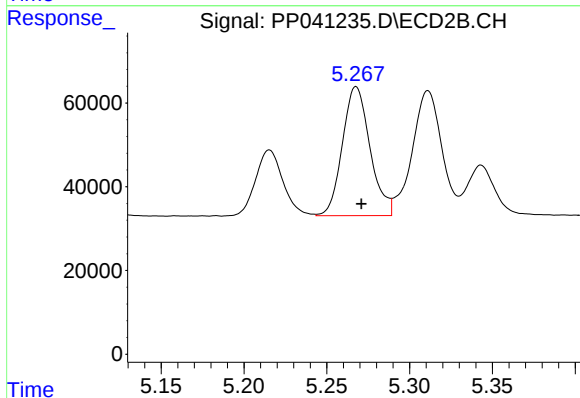
R.T.: 5.005 min  
Delta R.T.: -0.003 min  
Response: 250368  
Conc: 518.28 ng/ml



#22 AR-1248-2

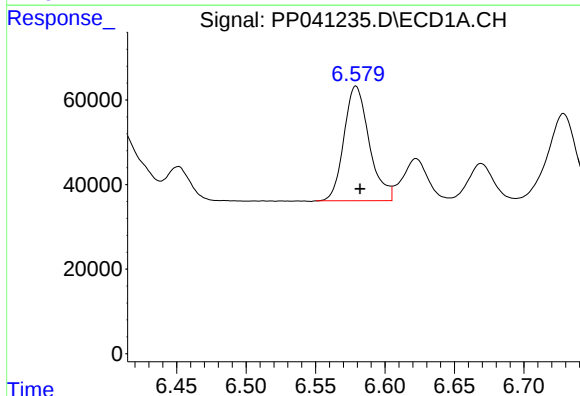
R.T.: 6.364 min  
Delta R.T.: -0.002 min  
Response: 281656  
Conc: 507.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



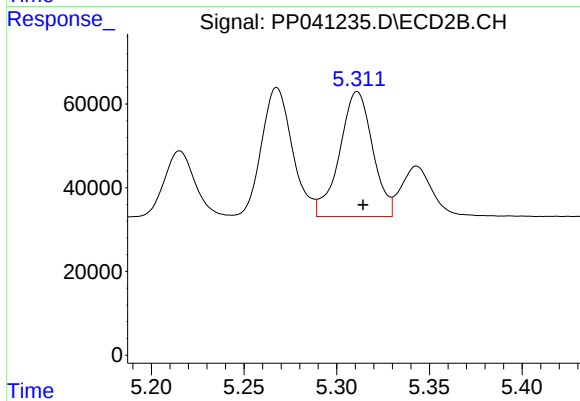
#22 AR-1248-2

R.T.: 5.268 min  
Delta R.T.: -0.003 min  
Response: 358039  
Conc: 527.74 ng/ml



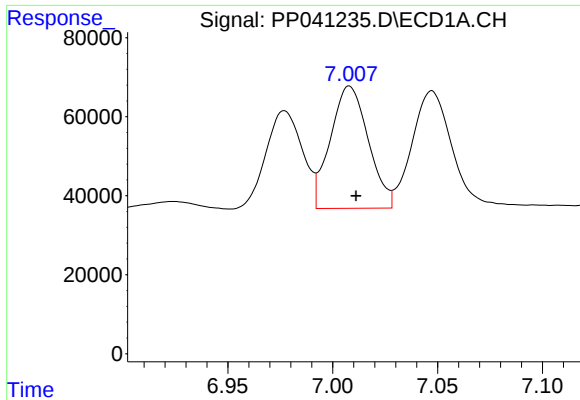
#23 AR-1248-3

R.T.: 6.579 min  
Delta R.T.: -0.003 min  
Response: 343396  
Conc: 509.96 ng/ml



#23 AR-1248-3

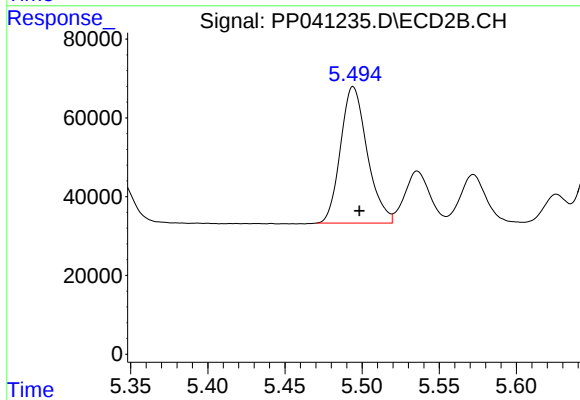
R.T.: 5.311 min  
Delta R.T.: -0.003 min  
Response: 370807  
Conc: 531.41 ng/ml



#24 AR-1248-4

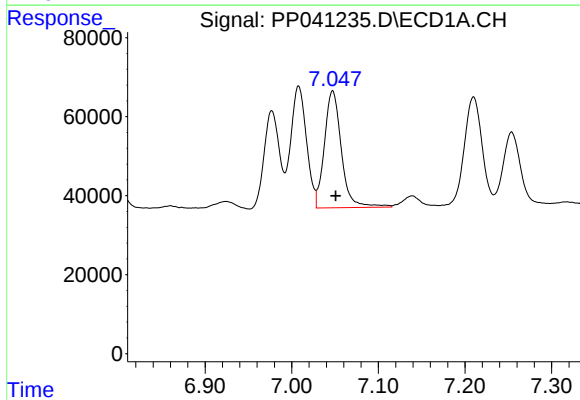
R.T.: 7.008 min  
Delta R.T.: -0.003 min  
Response: 390662  
Conc: 523.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



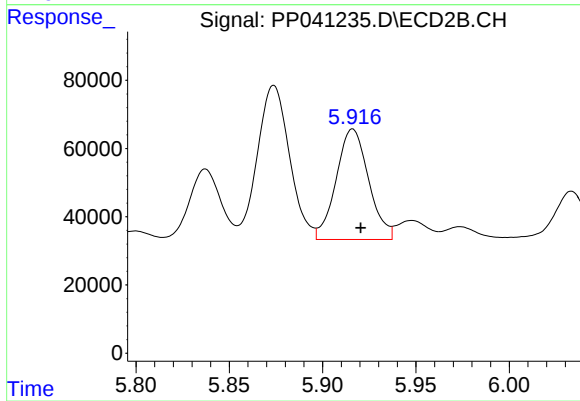
#24 AR-1248-4

R.T.: 5.494 min  
Delta R.T.: -0.004 min  
Response: 416072  
Conc: 519.67 ng/ml



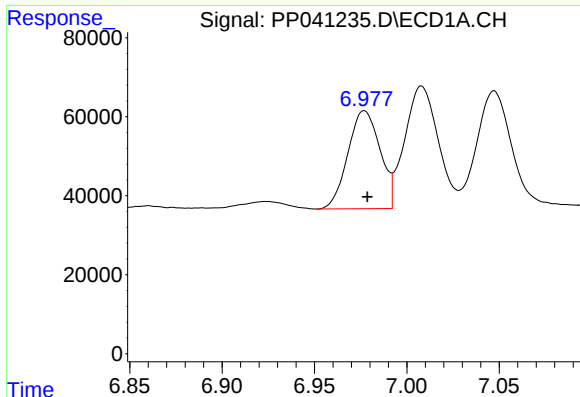
#25 AR-1248-5

R.T.: 7.047 min  
Delta R.T.: -0.003 min  
Response: 403639  
Conc: 533.86 ng/ml



#25 AR-1248-5

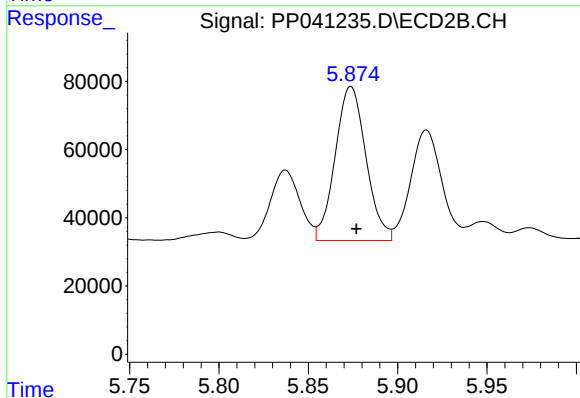
R.T.: 5.916 min  
Delta R.T.: -0.004 min  
Response: 392321  
Conc: 541.91 ng/ml



#26 AR-1254-1

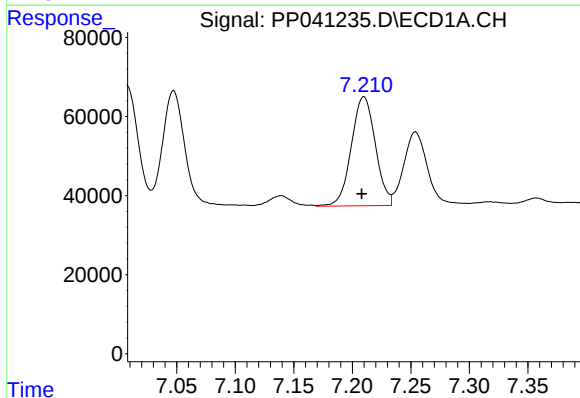
R.T.: 6.977 min  
Delta R.T.: -0.002 min  
Response: 300963  
Conc: 389.71 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



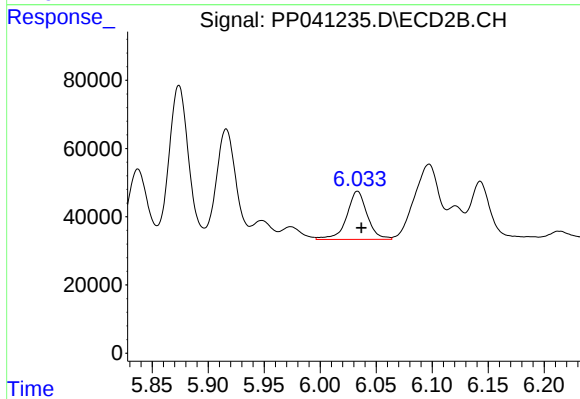
#26 AR-1254-1

R.T.: 5.874 min  
Delta R.T.: -0.003 min  
Response: 541728  
Conc: 475.74 ng/ml



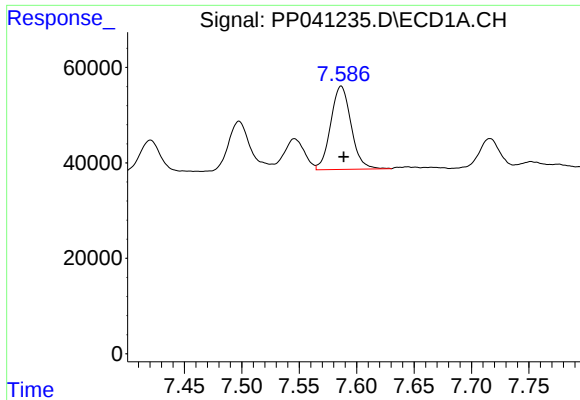
#27 AR-1254-2

R.T.: 7.210 min  
Delta R.T.: 0.002 min  
Response: 394856  
Conc: 319.45 ng/ml



#27 AR-1254-2

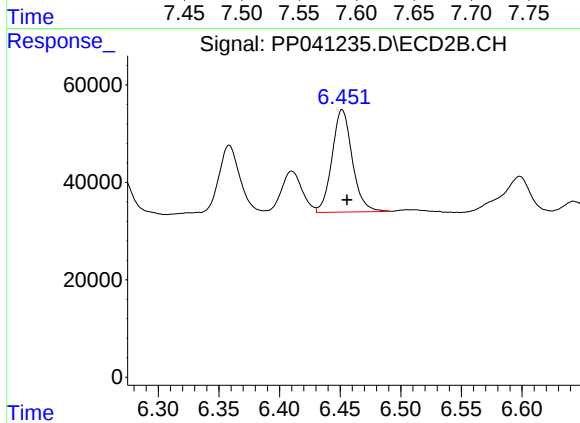
R.T.: 6.033 min  
Delta R.T.: -0.004 min  
Response: 180371  
Conc: 183.95 ng/ml



#28 AR-1254-3

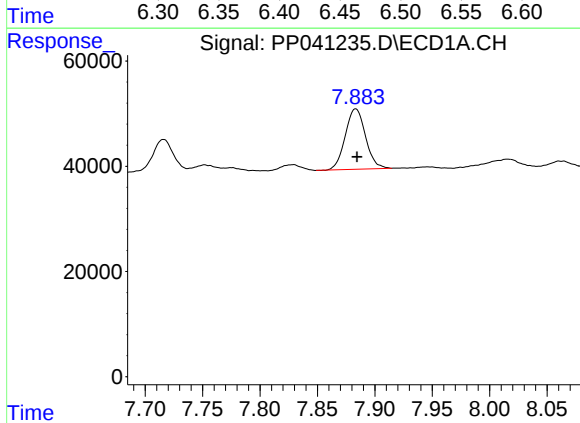
R.T.: 7.586 min  
Delta R.T.: -0.002 min  
Response: 215702  
Conc: 161.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



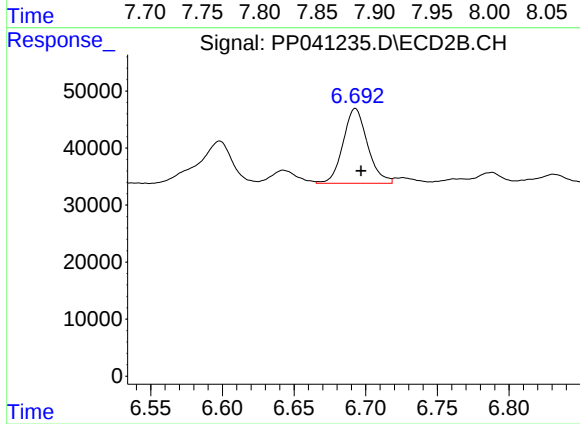
#28 AR-1254-3

R.T.: 6.452 min  
Delta R.T.: -0.004 min  
Response: 244095  
Conc: 168.75 ng/ml



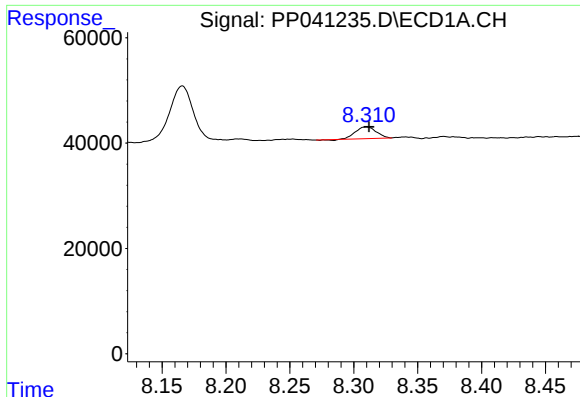
#29 AR-1254-4

R.T.: 7.883 min  
Delta R.T.: -0.001 min  
Response: 141709  
Conc: 148.49 ng/ml



#29 AR-1254-4

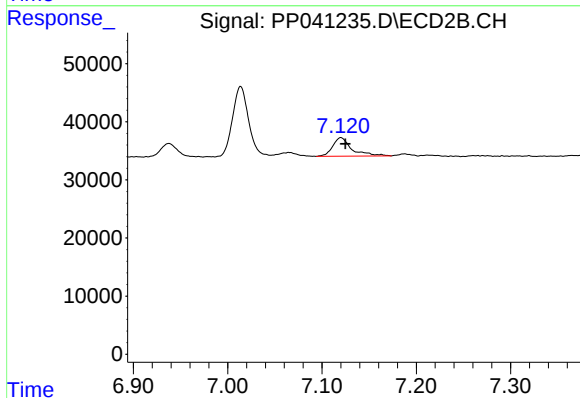
R.T.: 6.693 min  
Delta R.T.: -0.004 min  
Response: 155768  
Conc: 187.79 ng/ml



#30 AR-1254-5

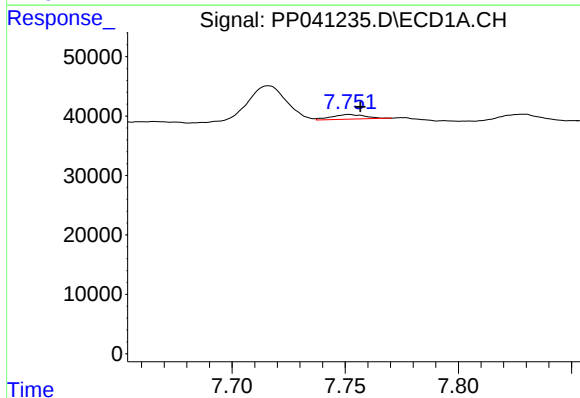
R.T.: 8.310 min  
Delta R.T.: -0.002 min  
Response: 24674  
Conc: 23.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



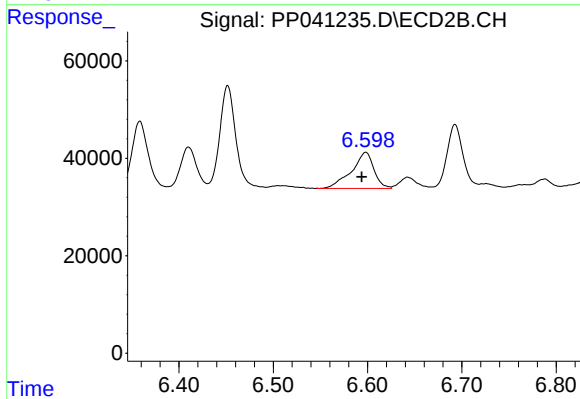
#30 AR-1254-5

R.T.: 7.120 min  
Delta R.T.: -0.005 min  
Response: 45273  
Conc: 38.84 ng/ml



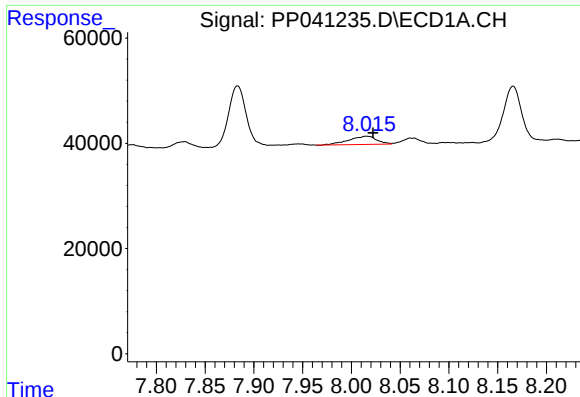
#31 AR-1260-1

R.T.: 7.752 min  
Delta R.T.: -0.005 min  
Response: 8121  
Conc: 8.24 ng/ml



#31 AR-1260-1

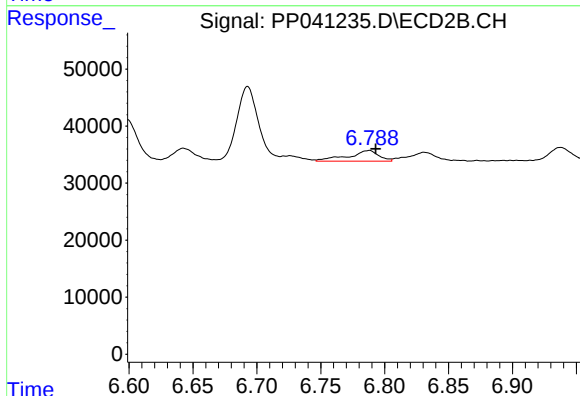
R.T.: 6.598 min  
Delta R.T.: 0.004 min  
Response: 123150  
Conc: 128.64 ng/ml



#32 AR-1260-2

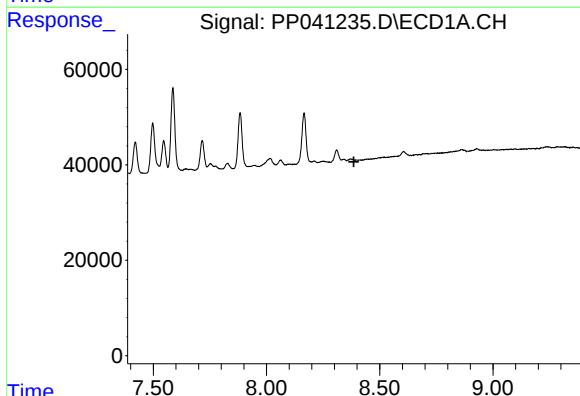
R.T.: 8.016 min  
Delta R.T.: -0.007 min  
Response: 31604  
Conc: 26.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



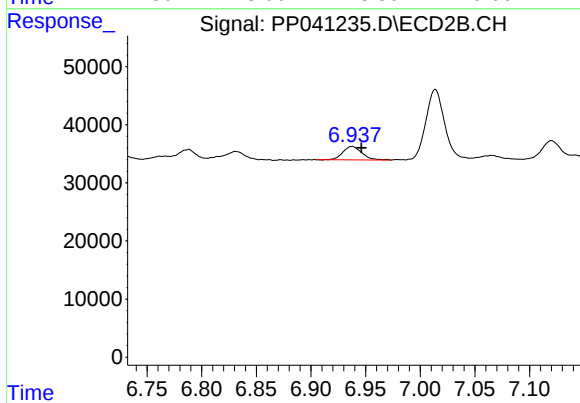
#32 AR-1260-2

R.T.: 6.788 min  
Delta R.T.: -0.005 min  
Response: 31483  
Conc: 29.02 ng/ml



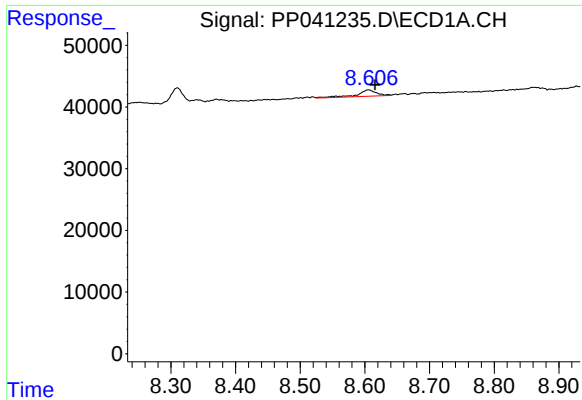
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.386 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

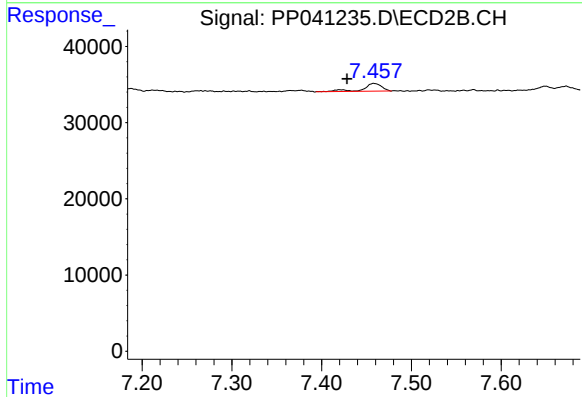
R.T.: 6.938 min  
Delta R.T.: -0.009 min  
Response: 27959  
Conc: 27.86 ng/ml



#34 AR-1260-4

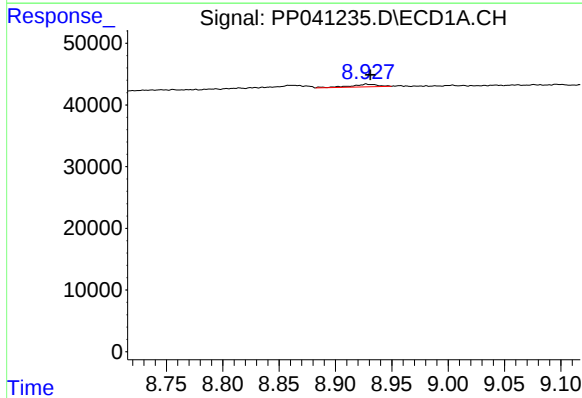
R.T.: 8.606 min  
Delta R.T.: -0.010 min  
Response: 21398  
Conc: 19.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



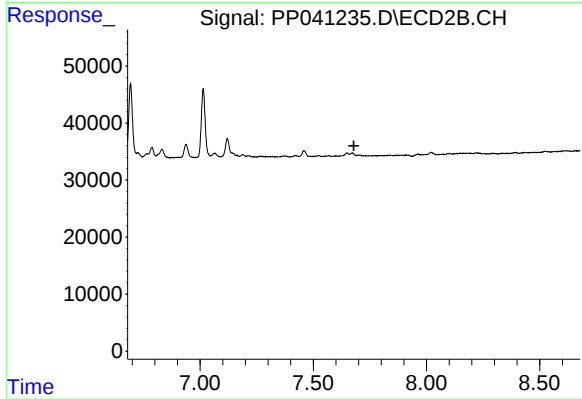
#34 AR-1260-4

R.T.: 7.458 min  
Delta R.T.: 0.030 min  
Response: 14440  
Conc: 17.61 ng/ml



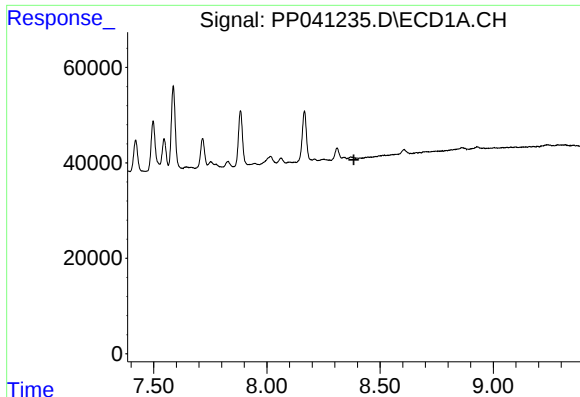
#35 AR-1260-5

R.T.: 8.927 min  
Delta R.T.: -0.004 min  
Response: 6797  
Conc: 3.26 ng/ml



#35 AR-1260-5

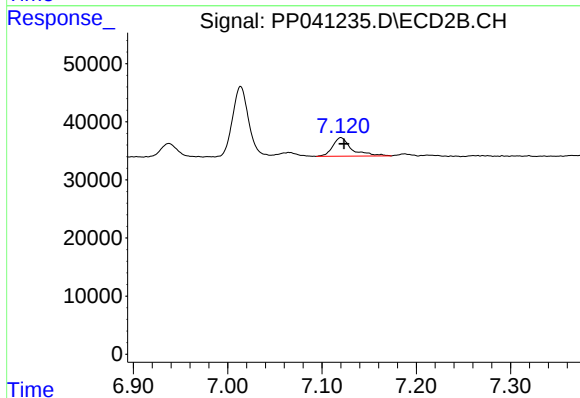
R.T.: 0.000 min  
Exp R.T. : 7.679 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

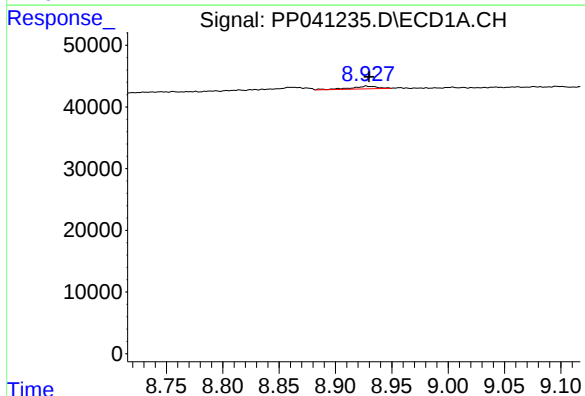
R.T.: 0.000 min  
Exp R.T.: 8.384 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248CCC500



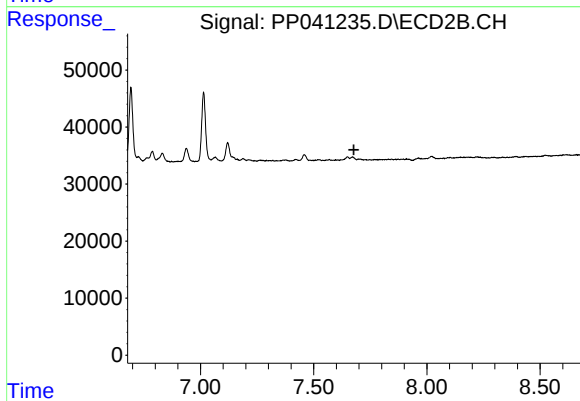
#36 AR-1262-1

R.T.: 7.120 min  
Delta R.T.: -0.003 min  
Response: 45273  
Conc: 76.43 ng/ml



#37 AR-1262-2

R.T.: 8.927 min  
Delta R.T.: -0.002 min  
Response: 6797  
Conc: 3.22 ng/ml



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 7.677 min  
Response: 0  
Conc: N.D.