

Data Path : P:\HPCHEM1\ECD P\Data\PP090315\  
 Data File : PP011537.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 03 Sep 2015 13:04  
 Operator : IZ/UA  
 Sample : AR1248ICC500  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 03 13:54:11 2015  
 Quant Method : P:\HPCHEM1\ECD\_P\methods\PP090315.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Sep 03 13:53:37 2015  
 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... | 5.171  | 4.190 | 2217758 | 2973219 | 50.373   | 51.261     |
| 2)                          | SA Decachlor... | 11.500 | 9.290 | 1805714 | 2633686 | 47.534   | 46.779     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.088  | 5.060 | 180632  | 269662  | 177.231  | 188.298    |
| 4)                          | L1 AR-1016-2    | 6.446  | 5.478 | 252760  | 380391  | 196.886  | 257.922 #  |
| 5)                          | L1 AR-1016-3    | 6.546  | 5.512 | 289129  | 841500  | 278.887  | 725.839 #  |
| 6)                          | L1 AR-1016-4    | 6.841  | 5.555 | 675249  | 880185  | 683.246  | 593.784    |
| 7)                          | L1 AR-1016-5    | 6.985  | 5.730 | 578044  | 1020580 | 545.132  | 658.781    |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.494 | 0       | 43608   | N.D.     | 102.600 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.568 | 0       | 51586   | N.D.     | 38.441 #   |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.568 | 0       | 51586   | N.D.     | 45.506 #   |
| 12)                         | L3 AR-1232-2    | 6.088  | 5.060 | 180632  | 269662  | 423.124  | 458.544    |
| 13)                         | L3 AR-1232-3    | 6.446  | 5.478 | 252760  | 380391  | 470.669  | 643.557 #  |
| 14)                         | L3 AR-1232-4    | 6.546  | 5.730 | 289129  | 1020580 | 676.537  | 1705.870 # |
| 15)                         | L3 AR-1232-5    | 6.985  | 6.078 | 578044  | 1467871 | 1366.793 | 2160.686 # |
| 16)                         | L4 AR-1242-1    | 5.888  | 5.060 | 243292  | 269662  | 268.337  | 230.185    |
| 17)                         | L4 AR-1242-2    | 6.088  | 5.355 | 180632  | 377994  | 208.997  | 227.184    |
| 18)                         | L4 AR-1242-3    | 6.446  | 5.730 | 252760  | 1020580 | 237.366  | 767.091 #  |
| 19)                         | L4 AR-1242-4    | 7.246  | 6.078 | 787126  | 1467871 | 880.064  | 948.045    |
| 20)                         | L4 AR-1242-5    | 7.288  | 6.120 | 766233  | 1035895 | 820.307  | 785.350    |
| 21)                         | L5 AR-1248-1    | 6.358  | 5.295 | 447410  | 589911  | 500.000  | 500.000    |
| 22)                         | L5 AR-1248-2    | 6.382  | 5.295 | 510638  | 589911  | 500.000  | 500.000    |
| 23)                         | L5 AR-1248-3    | 6.841  | 5.512 | 675249  | 841500  | 500.000  | 500.000    |
| 24)                         | L5 AR-1248-4    | 7.246  | 5.555 | 787126  | 880185  | 500.000  | 500.000    |
| 25)                         | L5 AR-1248-5    | 7.288  | 6.078 | 766233  | 1467871 | 500.000  | 500.000    |
| 31)                         | L7 AR-1260-1    | 7.940  | 6.749 | 249037  | 111792  | 131.945  | 35.598 #   |
| 32)                         | L7 AR-1260-2    | 8.226  | 6.938 | 70461   | 64042   | 30.629   | 16.565 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.097 | 0       | 71508   | N.D.     | 20.346 #   |
| -----                       |                 |        |       |         |         |          |            |

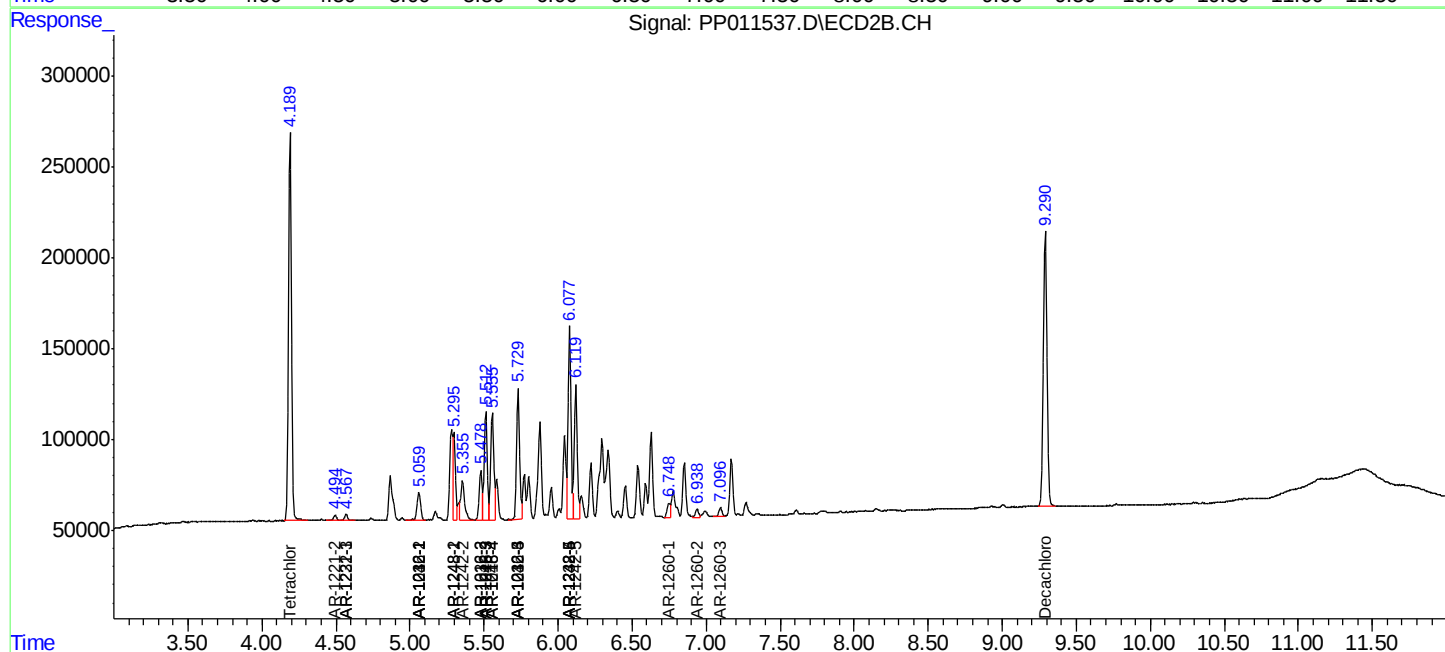
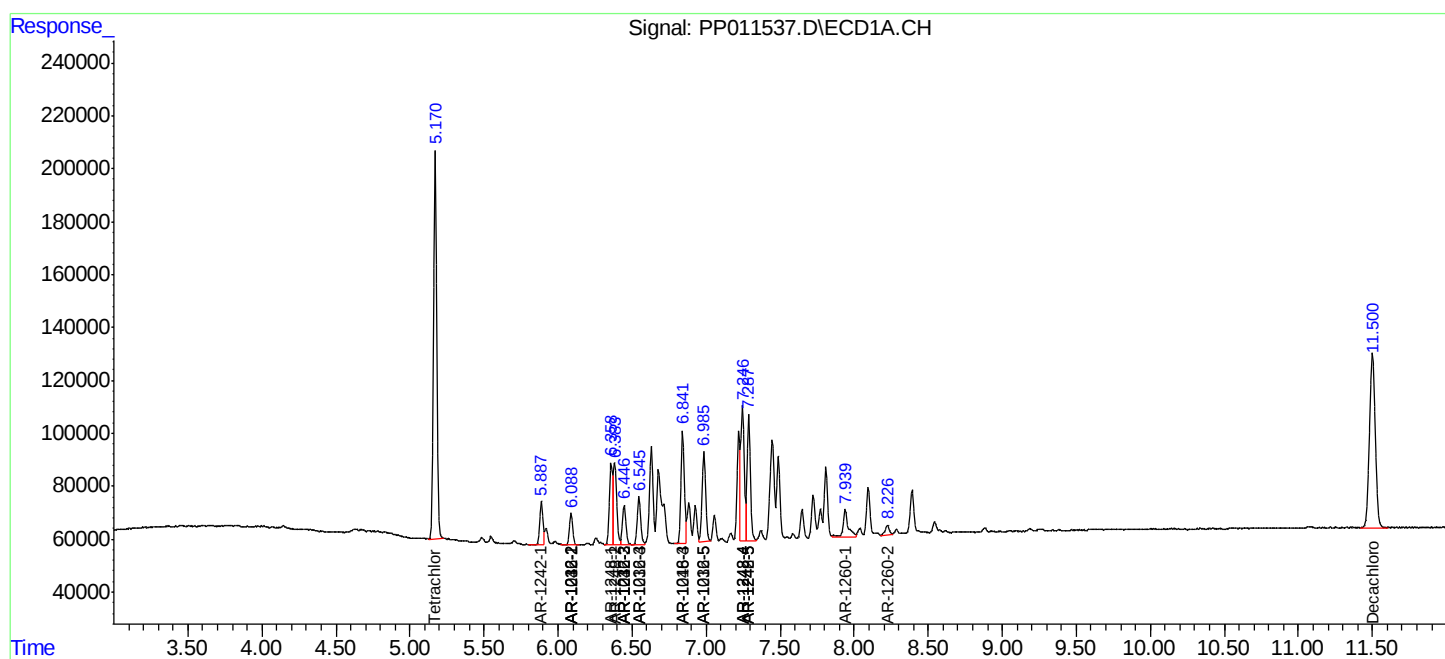
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

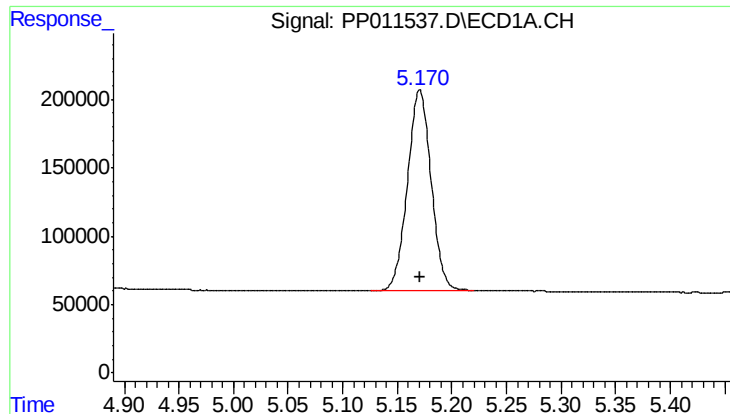
Data Path : P:\HPCHEM1\ECD P\Data\PP090315\  
Data File : PP011537.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 03 Sep 2015 13:04  
Operator : IZ/UA  
Sample : AR1248ICC500  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 03 13:54:11 2015  
Quant Method : P:\HPCHEM1\ECD\_P\methods\PP090315.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Sep 03 13:53:37 2015  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Ini. : 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

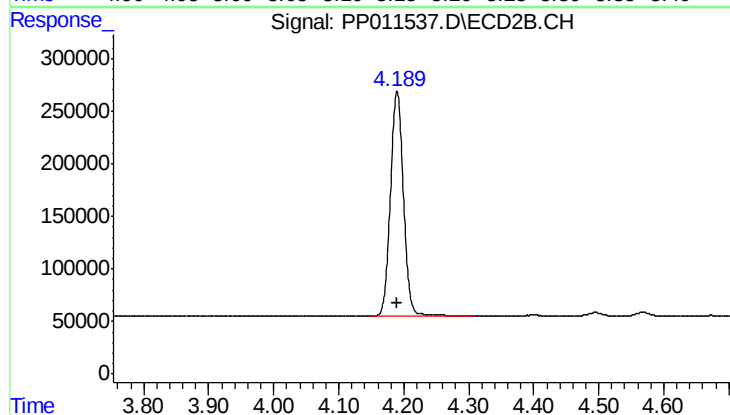




#1 Tetrachloro-m-xylene

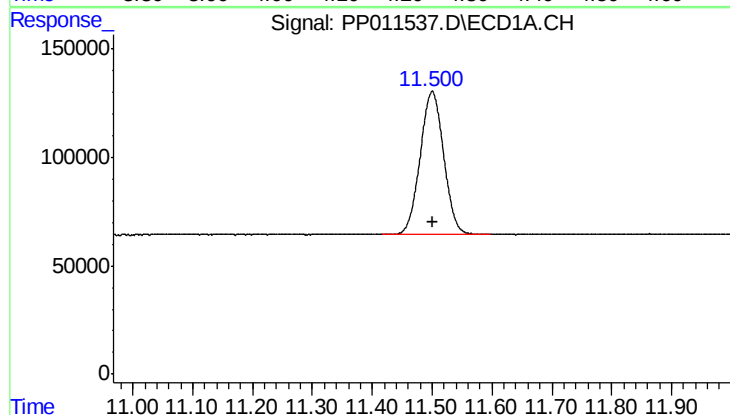
R.T.: 5.171 min  
Delta R.T.: 0.000 min  
Response: 2217758  
Conc: 50.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



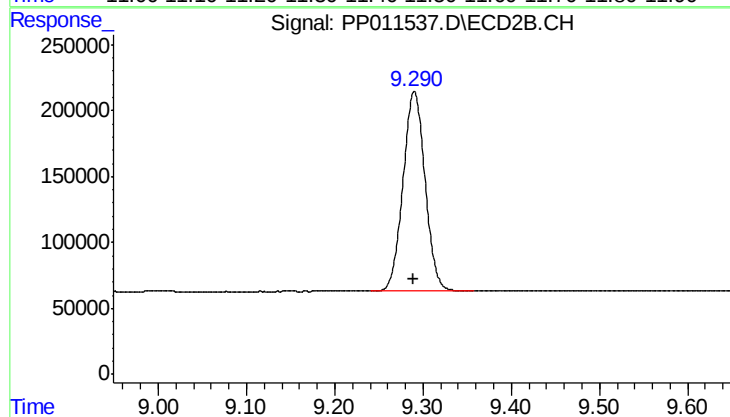
#1 Tetrachloro-m-xylene

R.T.: 4.190 min  
Delta R.T.: 0.000 min  
Response: 2973219  
Conc: 51.26 ng/ml



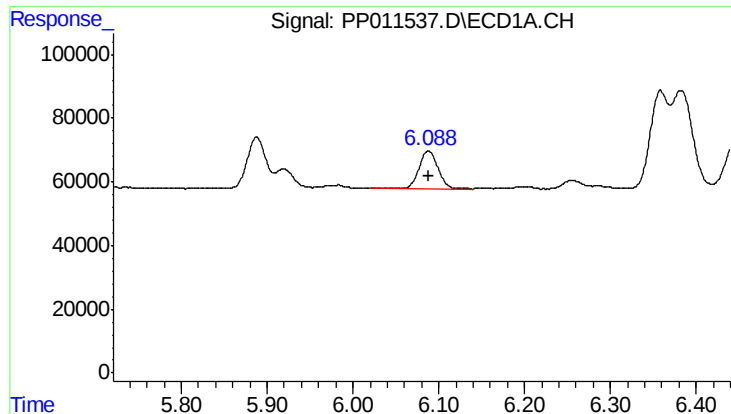
#2 Decachlorobiphenyl

R.T.: 11.500 min  
Delta R.T.: 0.000 min  
Response: 1805714  
Conc: 47.53 ng/ml



#2 Decachlorobiphenyl

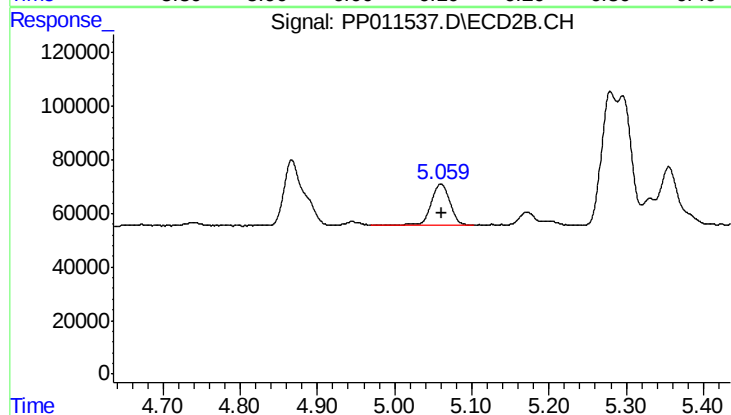
R.T.: 9.290 min  
Delta R.T.: 0.000 min  
Response: 2633686  
Conc: 46.78 ng/ml



#3 AR-1016-1

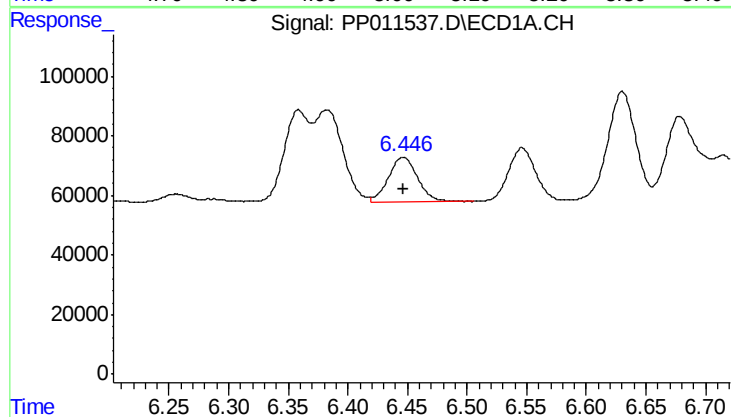
R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 180632  
Conc: 177.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



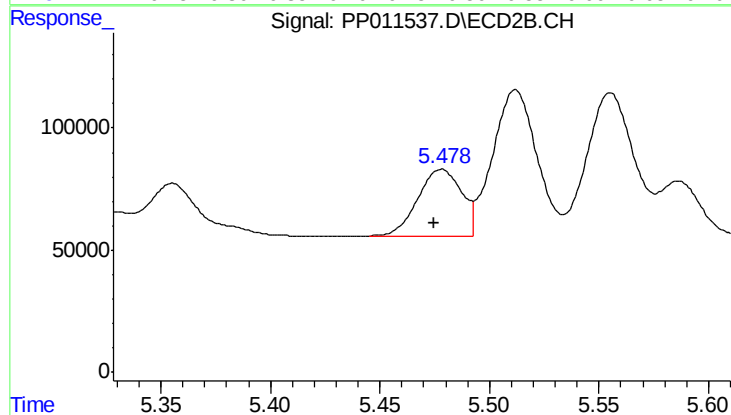
#3 AR-1016-1

R.T.: 5.060 min  
Delta R.T.: -0.002 min  
Response: 269662  
Conc: 188.30 ng/ml



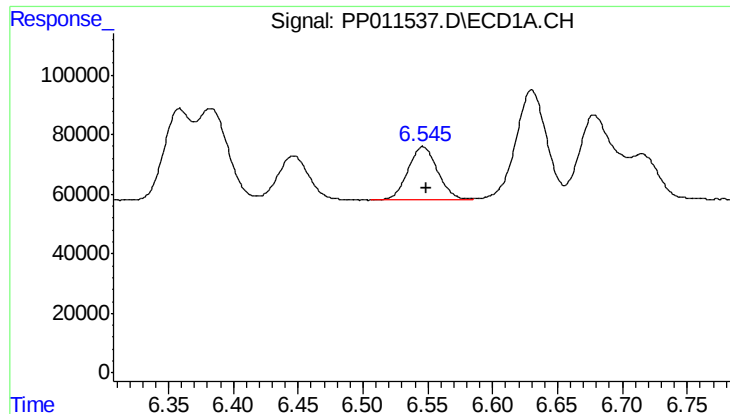
#4 AR-1016-2

R.T.: 6.446 min  
Delta R.T.: 0.000 min  
Response: 252760  
Conc: 196.89 ng/ml



#4 AR-1016-2

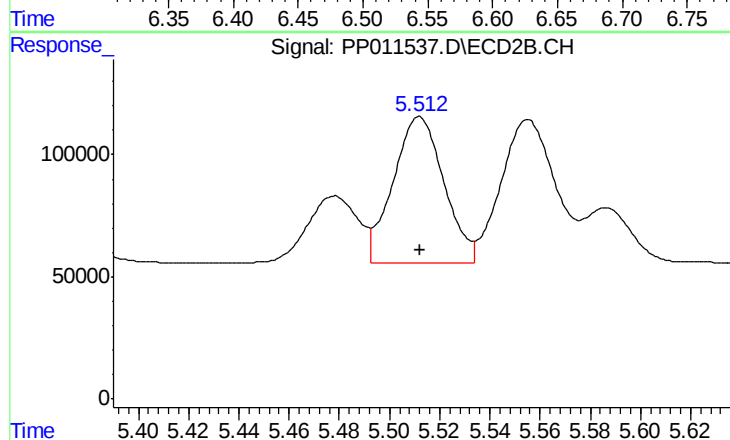
R.T.: 5.478 min  
Delta R.T.: 0.004 min  
Response: 380391  
Conc: 257.92 ng/ml



#5 AR-1016-3

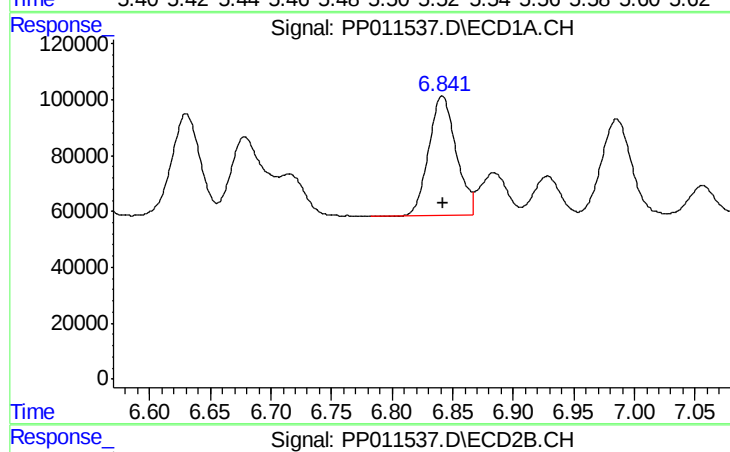
R.T.: 6.546 min  
Delta R.T.: -0.002 min  
Response: 289129  
Conc: 278.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



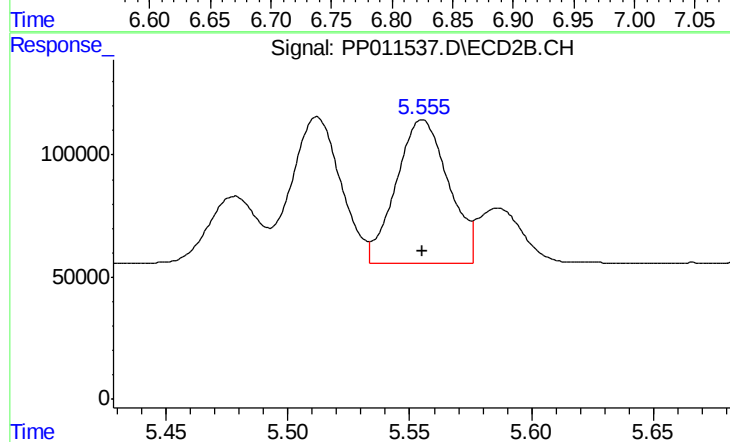
#5 AR-1016-3

R.T.: 5.512 min  
Delta R.T.: 0.000 min  
Response: 841500  
Conc: 725.84 ng/ml



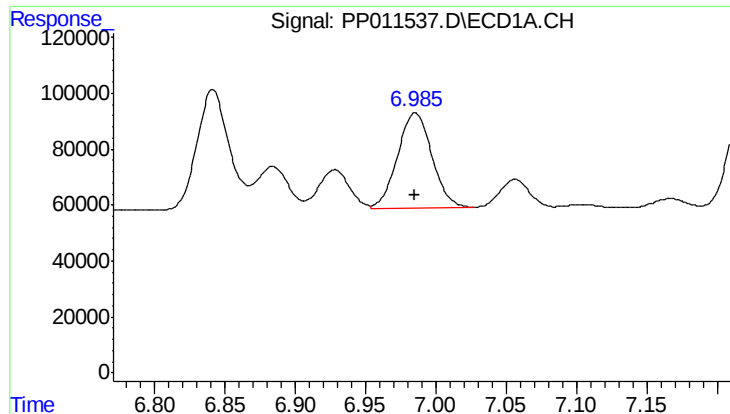
#6 AR-1016-4

R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 675249  
Conc: 683.25 ng/ml



#6 AR-1016-4

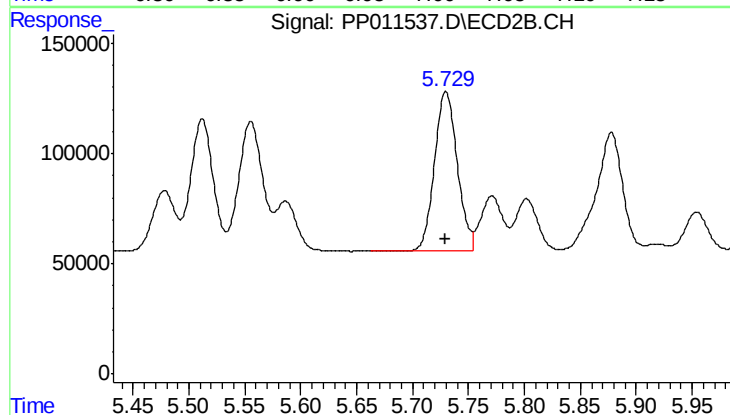
R.T.: 5.555 min  
Delta R.T.: 0.000 min  
Response: 880185  
Conc: 593.78 ng/ml



#7 AR-1016-5

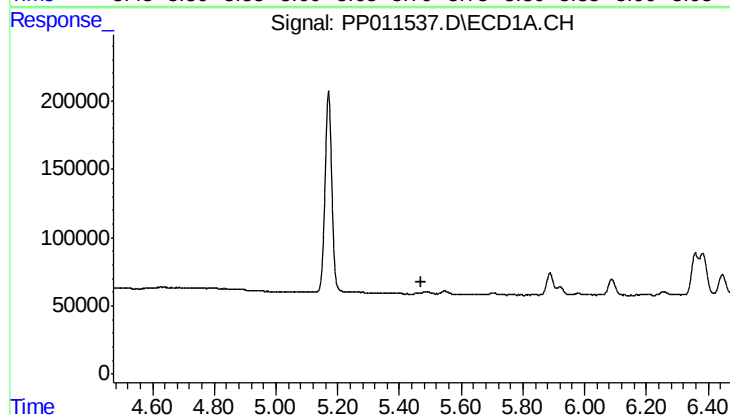
R.T.: 6.985 min  
Delta R.T.: 0.000 min  
Response: 578044  
Conc: 545.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



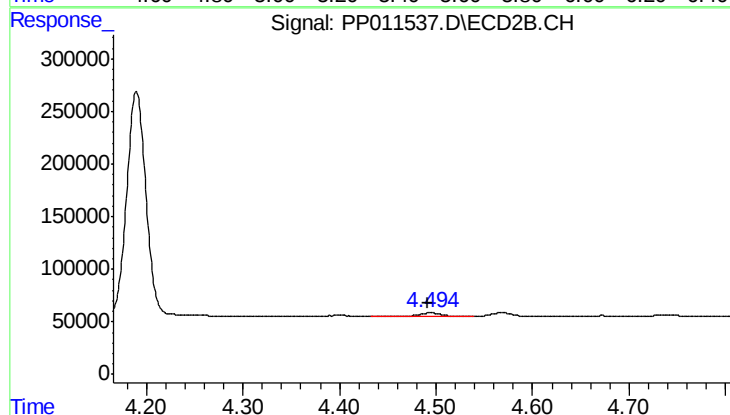
#7 AR-1016-5

R.T.: 5.730 min  
Delta R.T.: 0.000 min  
Response: 1020580  
Conc: 658.78 ng/ml



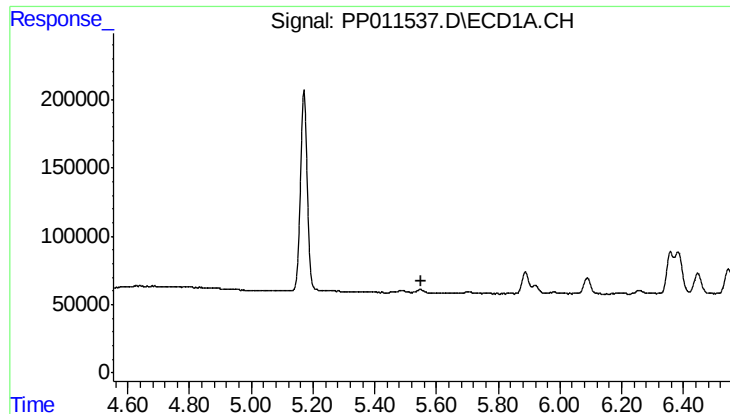
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 5.473 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

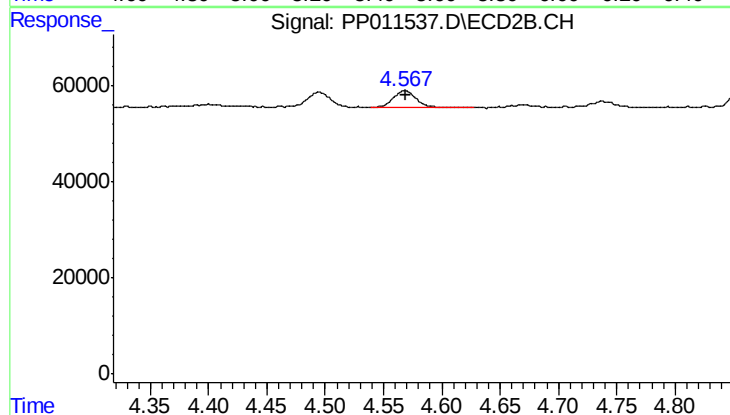
R.T.: 4.494 min  
Delta R.T.: 0.002 min  
Response: 43608  
Conc: 102.60 ng/ml



#10 AR-1221-3

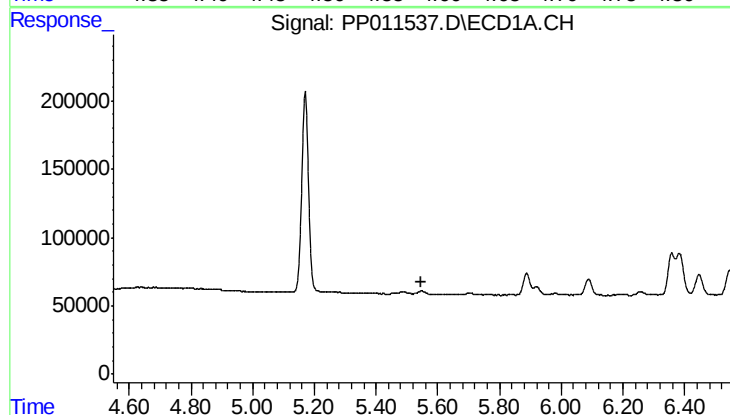
R.T.: 0.000 min  
Exp R.T.: 5.553 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



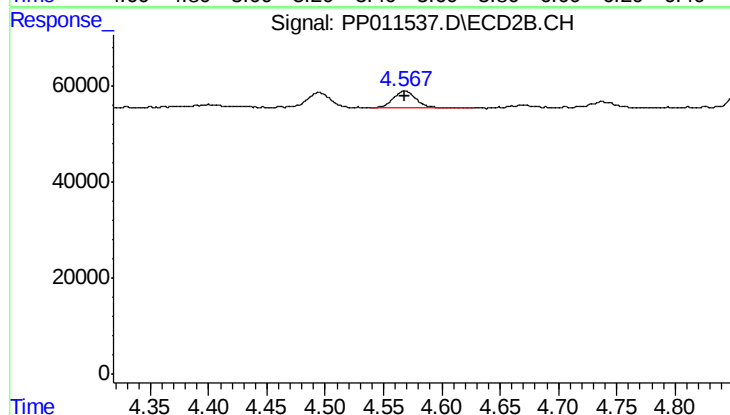
#10 AR-1221-3

R.T.: 4.568 min  
Delta R.T.: 0.000 min  
Response: 51586  
Conc: 38.44 ng/ml



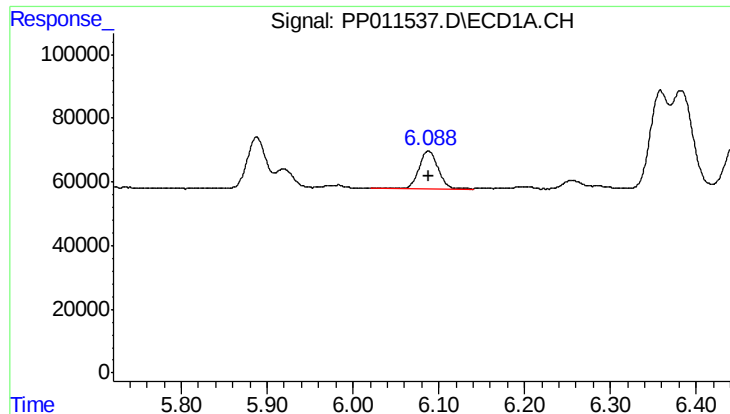
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T.: 5.548 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

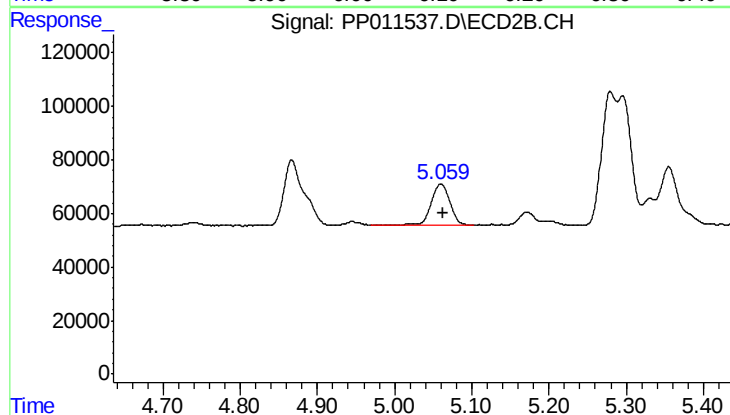
R.T.: 4.568 min  
Delta R.T.: 0.000 min  
Response: 51586  
Conc: 45.51 ng/ml



#12 AR-1232-2

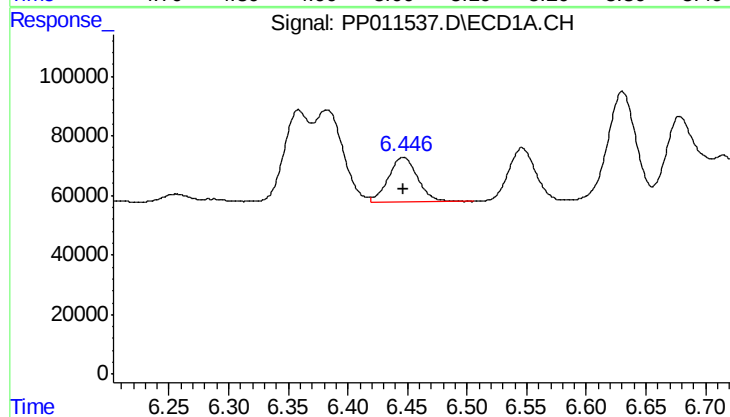
R.T.: 6.088 min  
Delta R.T.: -0.001 min  
Response: 180632  
Conc: 423.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



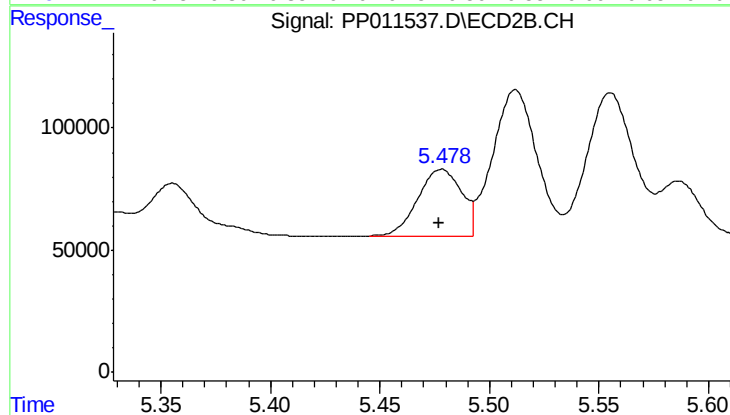
#12 AR-1232-2

R.T.: 5.060 min  
Delta R.T.: -0.002 min  
Response: 269662  
Conc: 458.54 ng/ml



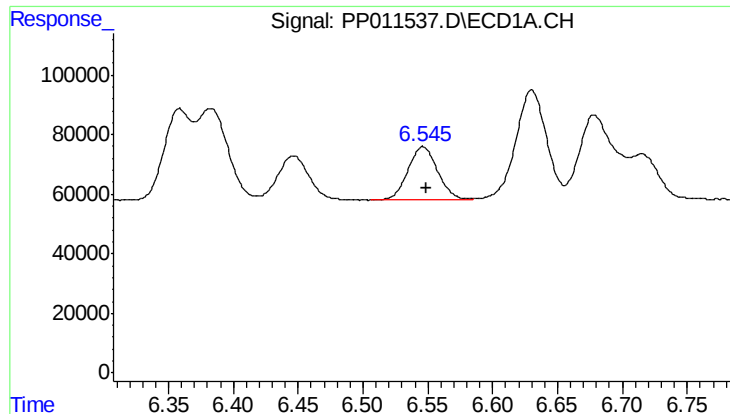
#13 AR-1232-3

R.T.: 6.446 min  
Delta R.T.: 0.000 min  
Response: 252760  
Conc: 470.67 ng/ml



#13 AR-1232-3

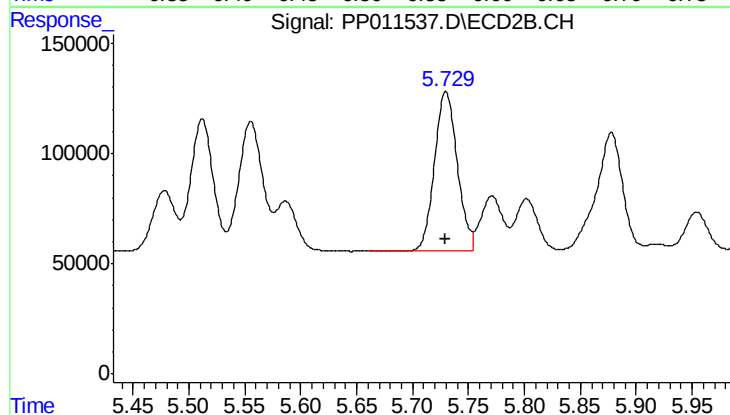
R.T.: 5.478 min  
Delta R.T.: 0.001 min  
Response: 380391  
Conc: 643.56 ng/ml



#14 AR-1232-4

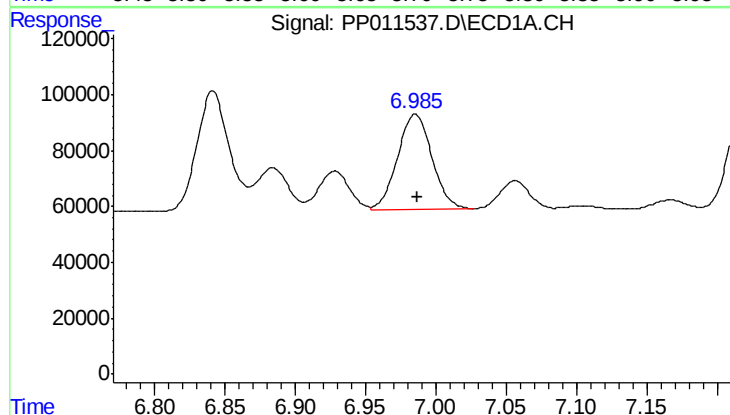
R.T.: 6.546 min  
Delta R.T.: -0.002 min  
Response: 289129  
Conc: 676.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



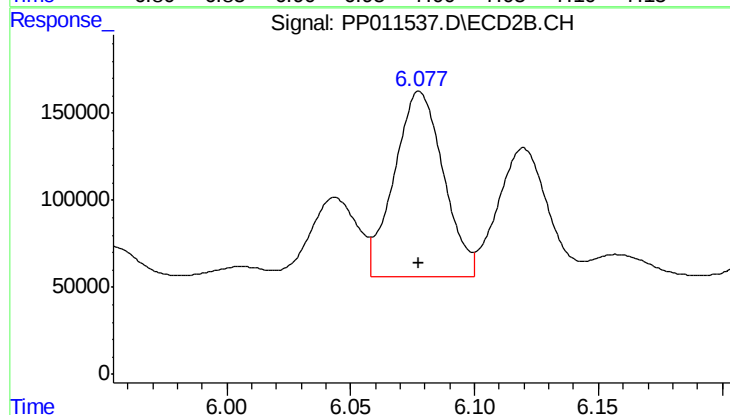
#14 AR-1232-4

R.T.: 5.730 min  
Delta R.T.: 0.000 min  
Response: 1020580  
Conc: 1705.87 ng/ml



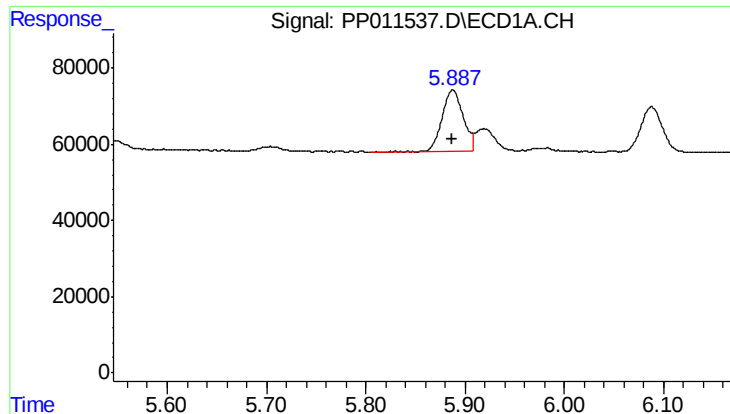
#15 AR-1232-5

R.T.: 6.985 min  
Delta R.T.: -0.001 min  
Response: 578044  
Conc: 1366.79 ng/ml



#15 AR-1232-5

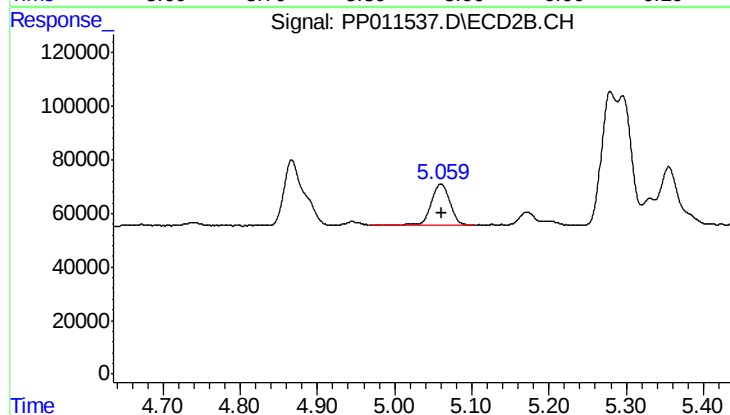
R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 1467871  
Conc: 2160.69 ng/ml



#16 AR-1242-1

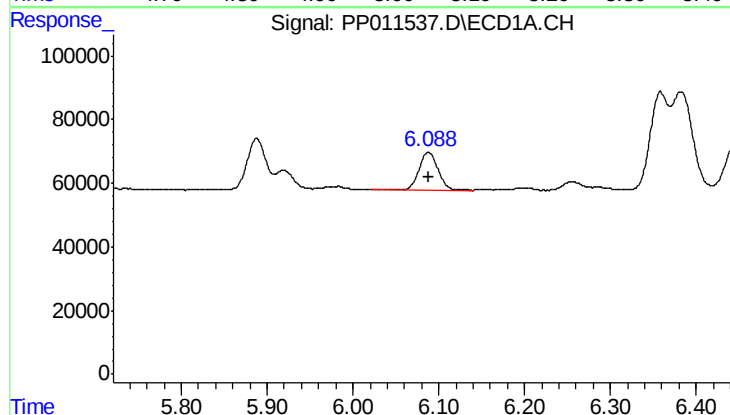
R.T.: 5.888 min  
Delta R.T.: 0.000 min  
Response: 243292  
Conc: 268.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



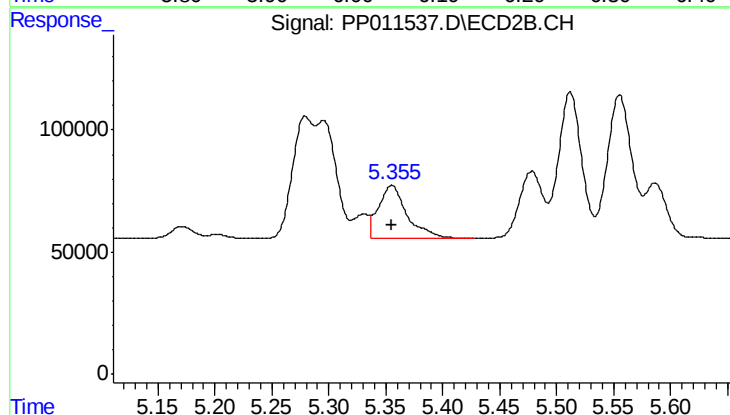
#16 AR-1242-1

R.T.: 5.060 min  
Delta R.T.: -0.001 min  
Response: 269662  
Conc: 230.18 ng/ml



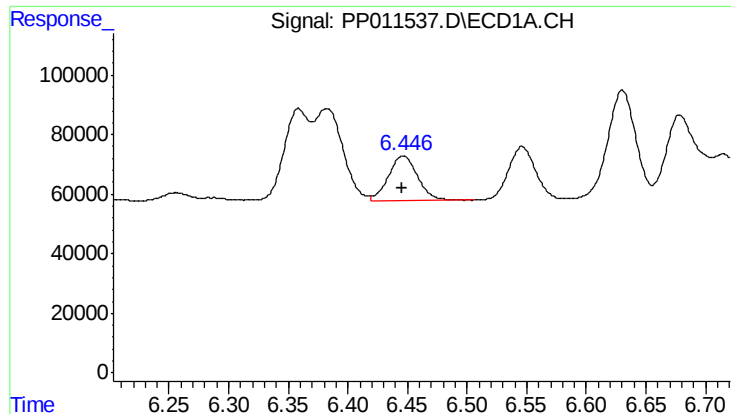
#17 AR-1242-2

R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 180632  
Conc: 209.00 ng/ml



#17 AR-1242-2

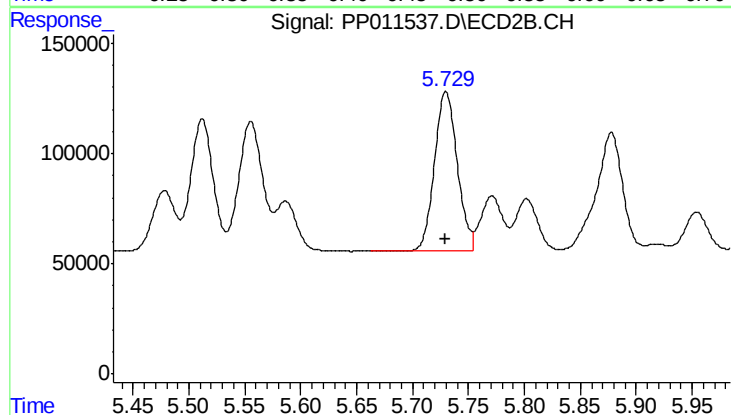
R.T.: 5.355 min  
Delta R.T.: 0.000 min  
Response: 377994  
Conc: 227.18 ng/ml



#18 AR-1242-3

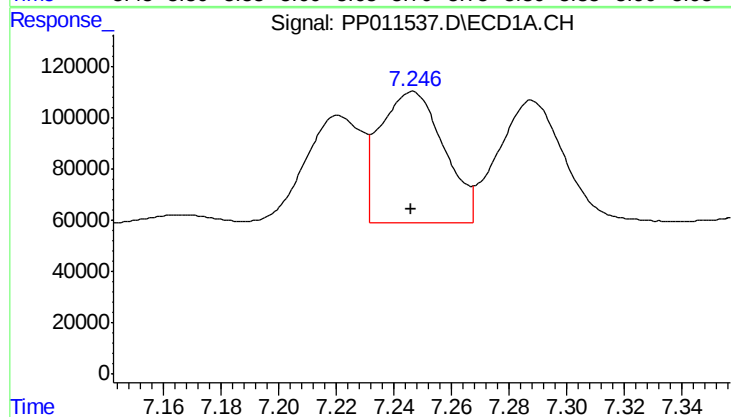
R.T.: 6.446 min  
Delta R.T.: 0.000 min  
Response: 252760  
Conc: 237.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



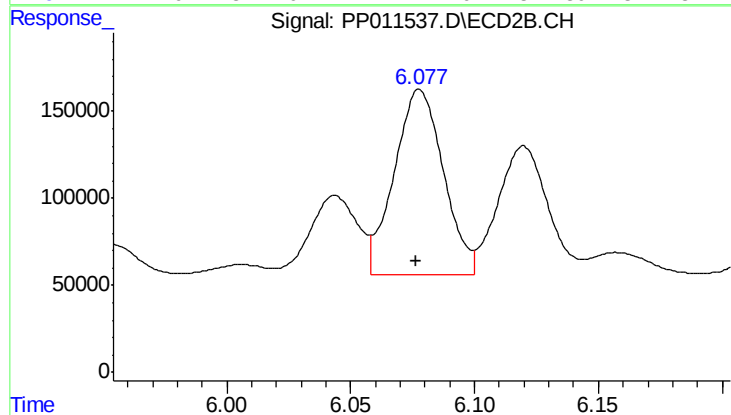
#18 AR-1242-3

R.T.: 5.730 min  
Delta R.T.: 0.000 min  
Response: 1020580  
Conc: 767.09 ng/ml



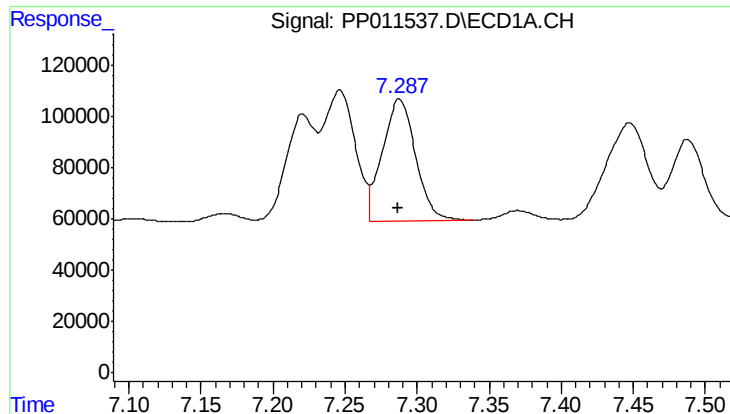
#19 AR-1242-4

R.T.: 7.246 min  
Delta R.T.: 0.000 min  
Response: 787126  
Conc: 880.06 ng/ml



#19 AR-1242-4

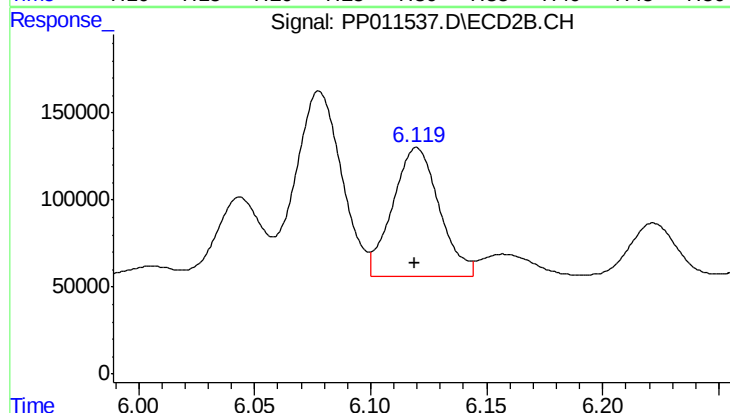
R.T.: 6.078 min  
Delta R.T.: 0.001 min  
Response: 1467871  
Conc: 948.04 ng/ml



#20 AR-1242-5

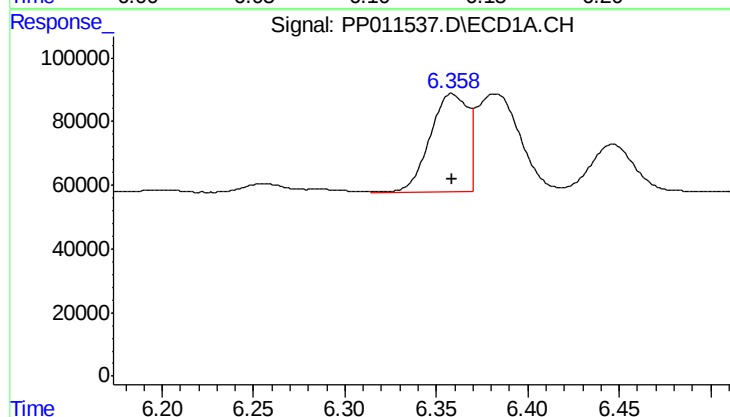
R.T.: 7.288 min  
Delta R.T.: 0.001 min  
Response: 766233  
Conc: 820.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



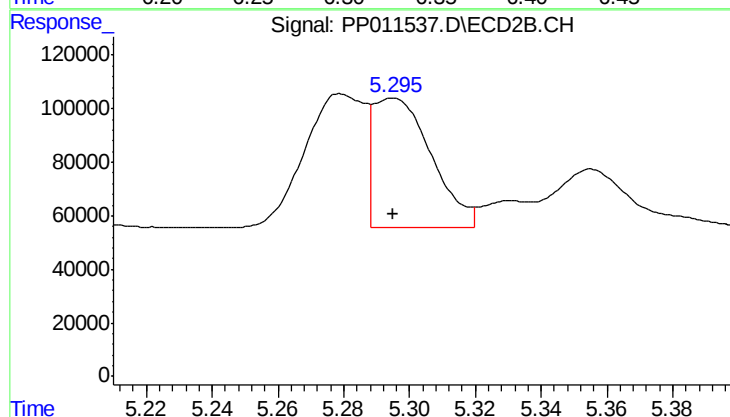
#20 AR-1242-5

R.T.: 6.120 min  
Delta R.T.: 0.001 min  
Response: 1035895  
Conc: 785.35 ng/ml



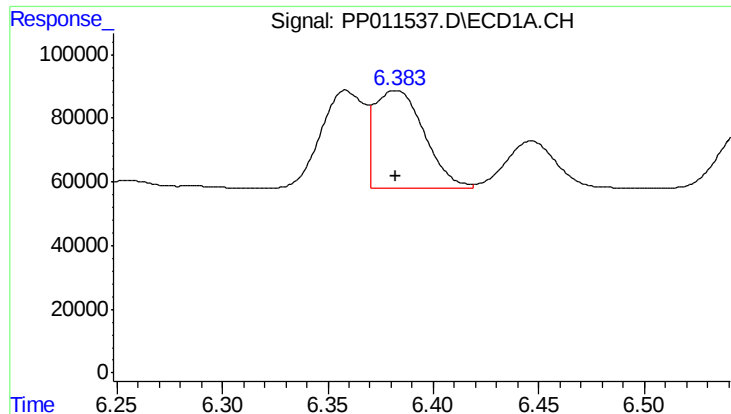
#21 AR-1248-1

R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 447410  
Conc: 500.00 ng/ml



#21 AR-1248-1

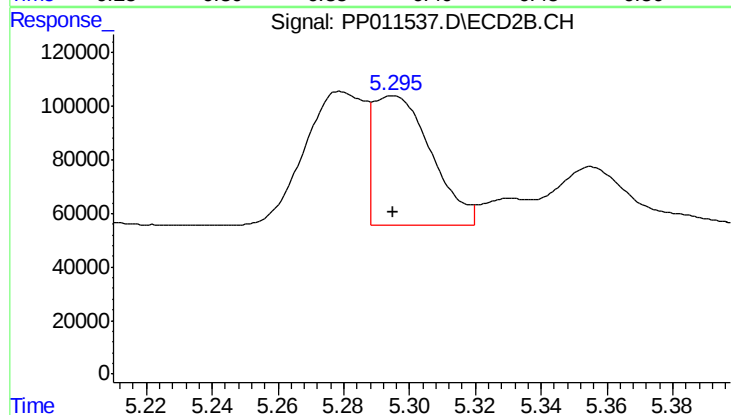
R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 589911  
Conc: 500.00 ng/ml



#22 AR-1248-2

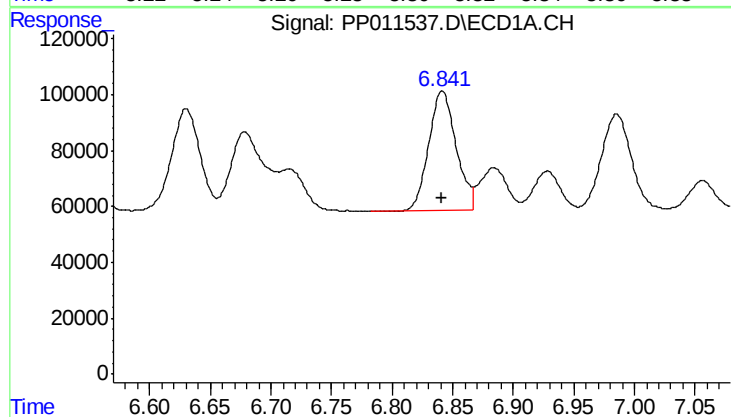
R.T.: 6.382 min  
Delta R.T.: 0.000 min  
Response: 510638  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



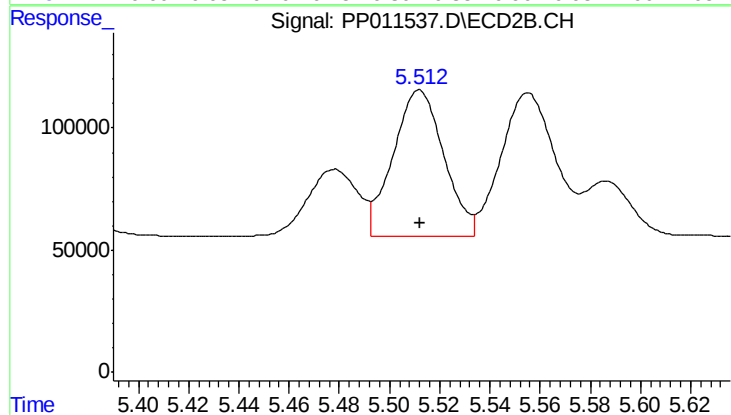
#22 AR-1248-2

R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 589911  
Conc: 500.00 ng/ml



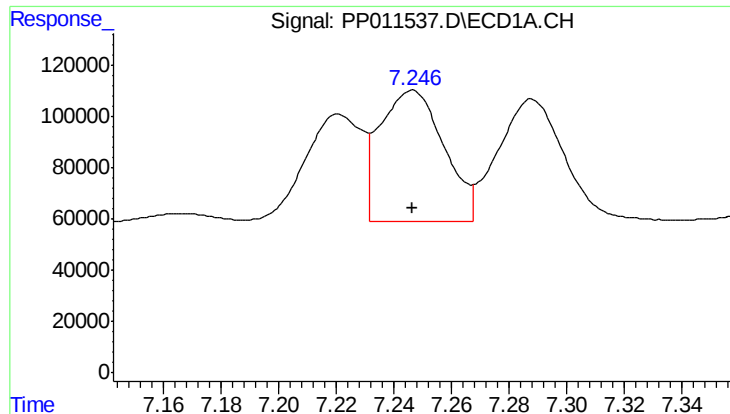
#23 AR-1248-3

R.T.: 6.841 min  
Delta R.T.: 0.000 min  
Response: 675249  
Conc: 500.00 ng/ml



#23 AR-1248-3

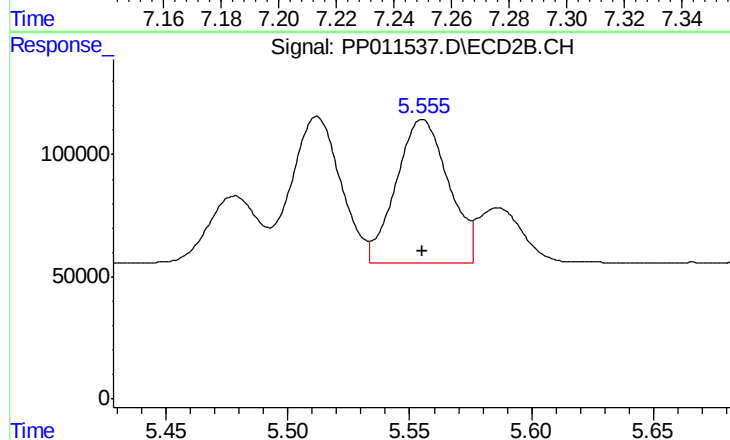
R.T.: 5.512 min  
Delta R.T.: 0.000 min  
Response: 841500  
Conc: 500.00 ng/ml



#24 AR-1248-4

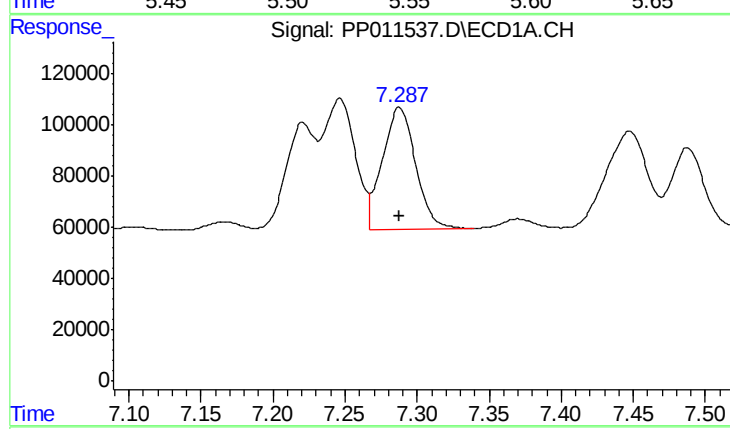
R.T.: 7.246 min  
Delta R.T.: 0.000 min  
Response: 787126  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



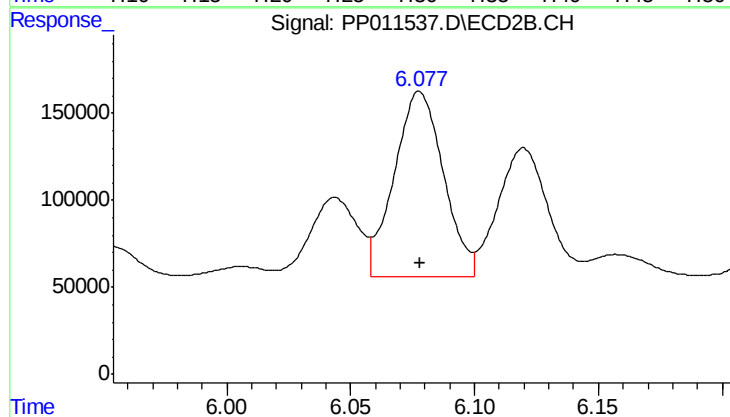
#24 AR-1248-4

R.T.: 5.555 min  
Delta R.T.: 0.000 min  
Response: 880185  
Conc: 500.00 ng/ml



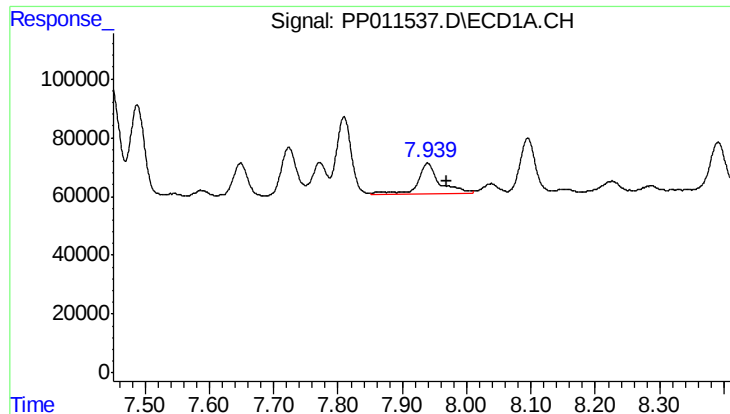
#25 AR-1248-5

R.T.: 7.288 min  
Delta R.T.: 0.000 min  
Response: 766233  
Conc: 500.00 ng/ml



#25 AR-1248-5

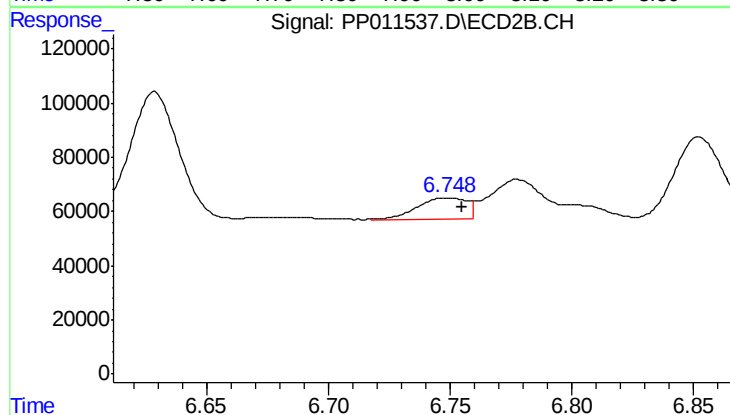
R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 1467871  
Conc: 500.00 ng/ml



#31 AR-1260-1

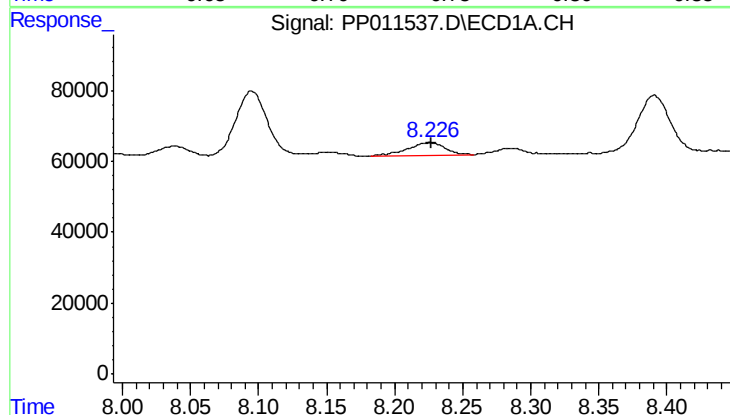
R.T.: 7.940 min  
Delta R.T.: -0.029 min  
Response: 249037  
Conc: 131.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



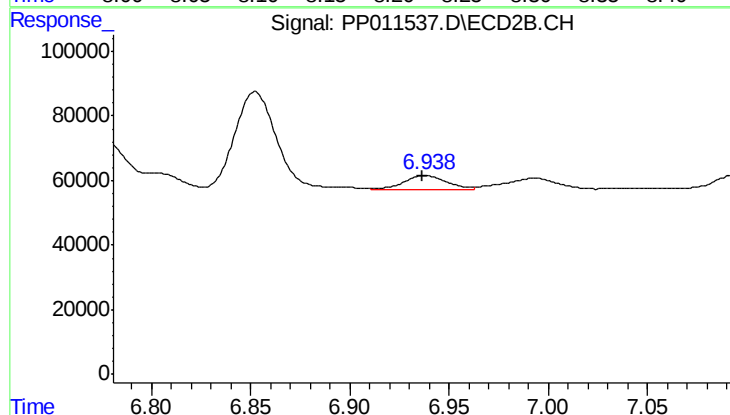
#31 AR-1260-1

R.T.: 6.749 min  
Delta R.T.: -0.006 min  
Response: 111792  
Conc: 35.60 ng/ml



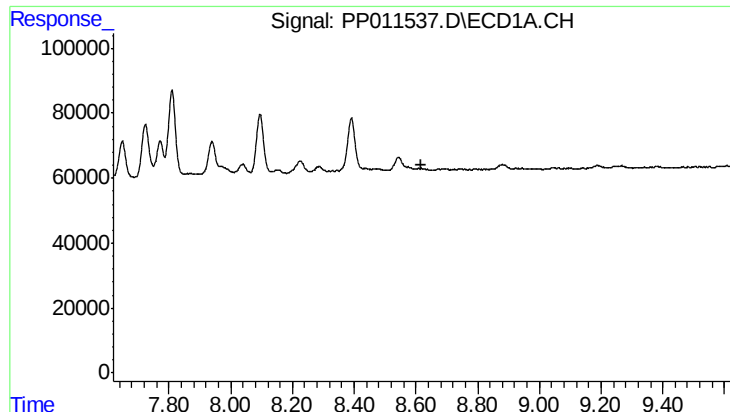
#32 AR-1260-2

R.T.: 8.226 min  
Delta R.T.: 0.000 min  
Response: 70461  
Conc: 30.63 ng/ml



#32 AR-1260-2

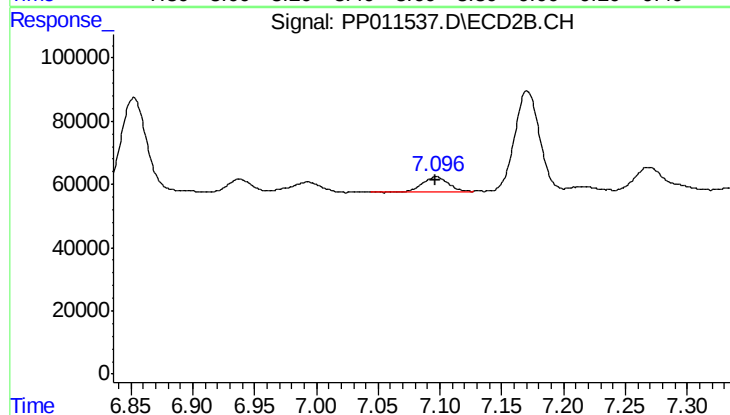
R.T.: 6.938 min  
Delta R.T.: 0.001 min  
Response: 64042  
Conc: 16.56 ng/ml



#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 8.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500



#33 AR-1260-3

R.T.: 7.097 min  
Delta R.T.: 0.001 min  
Response: 71508  
Conc: 20.35 ng/ml