

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO121120\  
 Data File : PO073720.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Dec 2020 5:41  
 Operator : DD\AJ  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 12 06:03:50 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO121020.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 11 03:58:06 2020  
 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... | 4.941  | 4.000  | 4582392 | 2740209 | 50.120   | 51.088    |
| 2)                          | SA Decachlor... | 10.967 | 9.266  | 4343172 | 2586431 | 52.555   | 55.277    |
| Target Compounds            |                 |        |        |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.266  | 5.249  | 57444   | 8443    | 16.348   | 3.865 #   |
| 4)                          | L1 AR-1016-2    | 6.291  | 5.249f | 69593   | 8443    | 14.238   | 2.790 #   |
| 5)                          | L1 AR-1016-3    | 6.355  | 0.000  | 25289   | 0       | 8.585    | N.D. #    |
| 6)                          | L1 AR-1016-4    | 6.462  | 5.511  | 24987   | 660941  | 10.138   | 501.204 # |
| 7)                          | L1 AR-1016-5    | 6.778  | 5.738  | 581069  | 387650  | 244.735  | 236.578   |
| 9)                          | L2 AR-1221-2    | 5.295  | 4.350  | 58359   | 35724   | 74.296   | 69.478    |
| 12)                         | L3 AR-1232-2    | 5.967  | 5.249f | 19604   | 8443    | 18.335   | 6.354 #   |
| 13)                         | L3 AR-1232-3    | 6.291  | 0.000  | 69593   | 0       | 32.430   | N.D. #    |
| 14)                         | L3 AR-1232-4    | 6.462  | 5.554  | 24987   | 182155  | 23.462   | 298.428 # |
| 15)                         | L3 AR-1232-5    | 6.560  | 5.738  | 1003609 | 387650  | 1401.715 | 580.035 # |
| 16)                         | L4 AR-1242-1    | 6.266  | 5.249  | 57444   | 8443    | 20.268   | 4.800 #   |
| 17)                         | L4 AR-1242-2    | 6.291  | 5.249f | 69593   | 8443    | 17.869   | 3.452 #   |
| 18)                         | L4 AR-1242-3    | 6.355  | 0.000  | 25289   | 0       | 10.661   | N.D. #    |
| 19)                         | L4 AR-1242-4    | 6.462  | 5.554  | 24987   | 182155  | 12.676   | 145.548 # |
| 20)                         | L4 AR-1242-5    | 7.250  | 6.116  | 578097  | 1680467 | 264.717  | 985.846 # |
| 21)                         | L5 AR-1248-1    | 6.266  | 5.249  | 57444   | 8443    | 26.437   | 6.167 #   |
| 22)                         | L5 AR-1248-2    | 6.560  | 5.511  | 1003609 | 660941  | 359.132  | 356.224   |
| 23)                         | L5 AR-1248-3    | 6.778  | 5.554  | 581069  | 182155  | 177.426  | 97.089 #  |
| 24)                         | L5 AR-1248-4    | 7.208  | 5.738  | 988483  | 387650  | 247.171  | 172.225 # |
| 25)                         | L5 AR-1248-5    | 7.250  | 6.158  | 578097  | 217379  | 152.865  | 93.559 #  |
| 26)                         | L6 AR-1254-1    | 7.178  | 6.116  | 1831275 | 1680467 | 482.449  | 475.507   |
| 27)                         | L6 AR-1254-2    | 7.408  | 6.274  | 2762081 | 1459086 | 468.482  | 467.354   |
| 28)                         | L6 AR-1254-3    | 7.791  | 6.691  | 2855062 | 2296253 | 465.967  | 469.006   |
| 29)                         | L6 AR-1254-4    | 8.088  | 6.930  | 2451702 | 1668467 | 467.347  | 475.746   |
| 30)                         | L6 AR-1254-5    | 8.517  | 7.355  | 2421925 | 2144980 | 470.228  | 486.431   |
| 31)                         | L7 AR-1260-1    | 7.959  | 6.829  | 1192778 | 1143342 | 282.219  | 369.858 # |
| 32)                         | L7 AR-1260-2    | 8.224  | 7.024  | 1470382 | 1059955 | 261.736  | 261.297   |
| 33)                         | L7 AR-1260-3    | 8.581  | 7.175  | 313669  | 953463  | 68.620   | 273.174 # |
| 34)                         | L7 AR-1260-4    | 8.814  | 7.657  | 927306  | 107911  | 195.865  | 35.735 #  |
| 35)                         | L7 AR-1260-5    | 9.149  | 7.903  | 395562  | 207093  | 39.636   | 27.723 #  |
| 36)                         | L8 AR-1262-1    | 8.581  | 7.355  | 313669  | 2144980 | 41.900   | 858.060 # |
| 37)                         | L8 AR-1262-2    | 9.149  | 7.903  | 395562  | 207093  | 30.841   | 23.543    |
| 38)                         | L8 AR-1262-3    | 9.483f | 0.000  | 289518  | 0       | 34.126   | N.D. #    |
| 39)                         | L8 AR-1262-4    | 9.531f | 8.248  | 74238   | 243122  | 22.197   | 39.512 #  |
| 41)                         | L9 AR-1268-1    | 9.483f | 0.000  | 289518  | 0       | 20.327   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 9.531f | 8.248  | 74238   | 243122  | 6.022    | 29.510 #  |
| -----                       |                 |        |        |         |         |          |           |

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

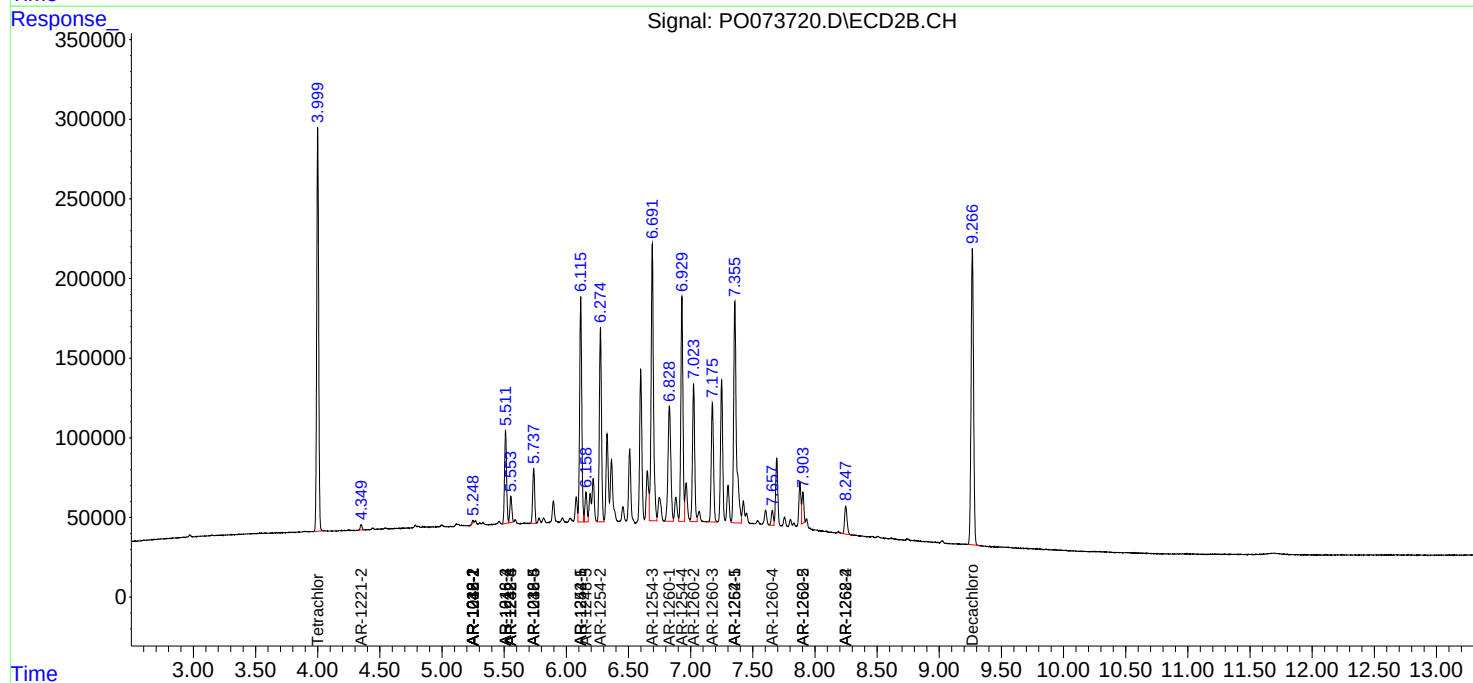
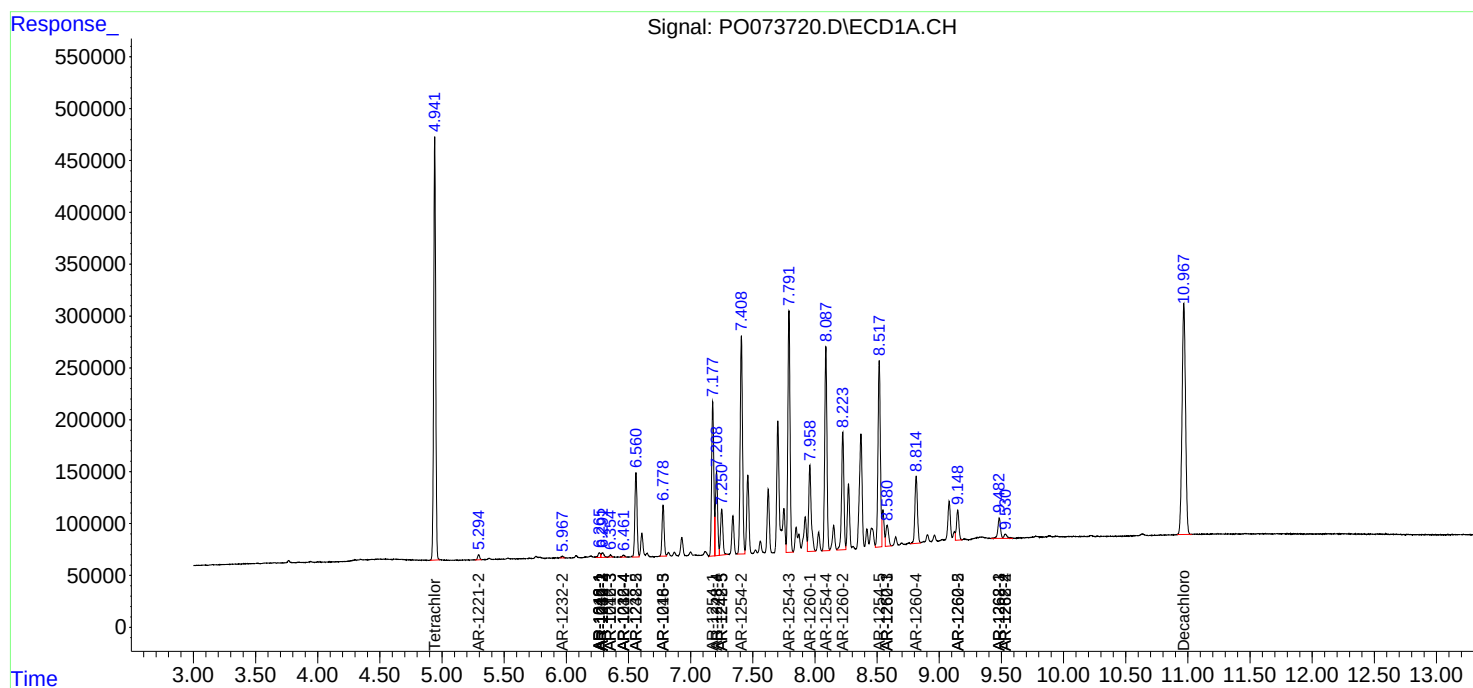
Instrument :  
ECD\_O  
ClientSampleId :

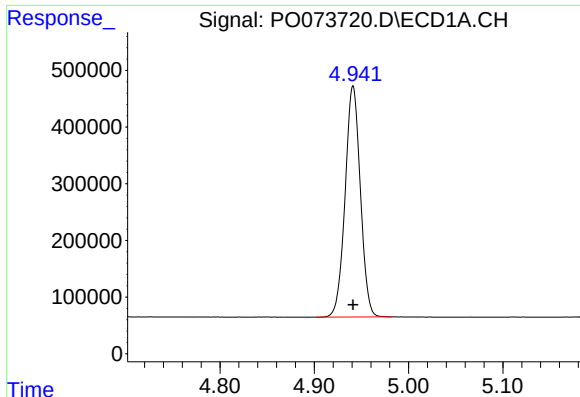
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121120\  
Data File : PO073720.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Dec 2020 5:41  
Operator : DD\AJ  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 12 06:03:50 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121020.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 11 03:58:06 2020  
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

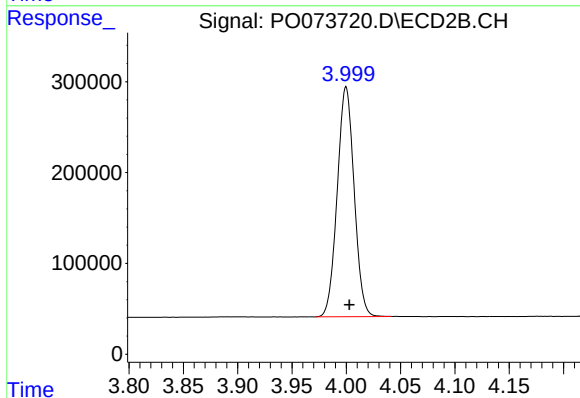




#1 Tetrachloro-m-xylene

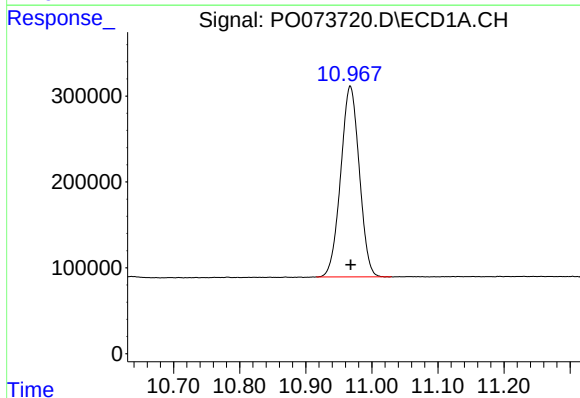
R.T.: 4.941 min  
Delta R.T.: 0.000 min  
Response: 4582392  
Conc: 50.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



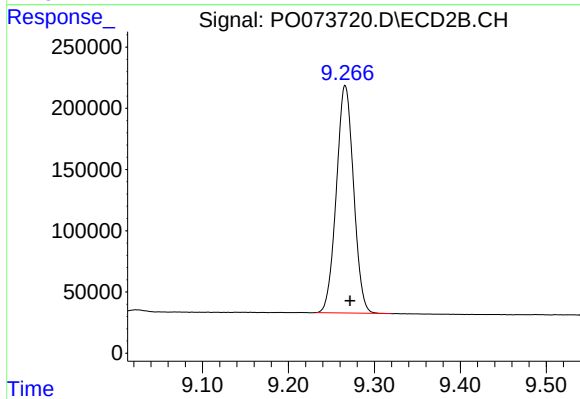
#1 Tetrachloro-m-xylene

R.T.: 4.000 min  
Delta R.T.: -0.003 min  
Response: 2740209  
Conc: 51.09 ng/ml



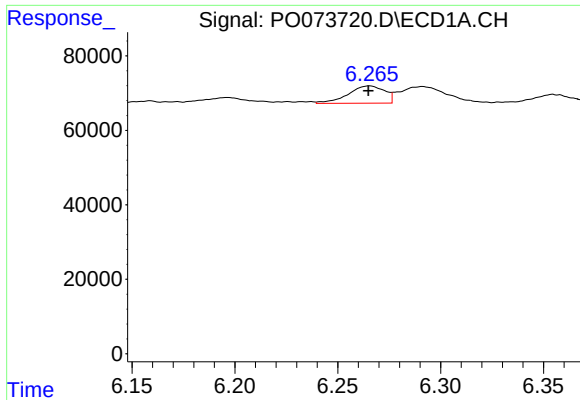
#2 Decachlorobiphenyl

R.T.: 10.967 min  
Delta R.T.: 0.000 min  
Response: 4343172  
Conc: 52.56 ng/ml



#2 Decachlorobiphenyl

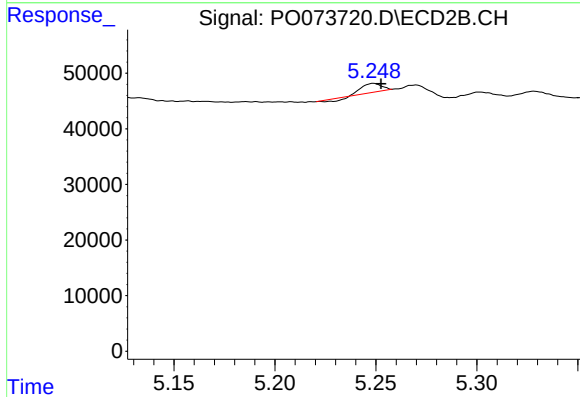
R.T.: 9.266 min  
Delta R.T.: -0.006 min  
Response: 2586431  
Conc: 55.28 ng/ml



#3 AR-1016-1

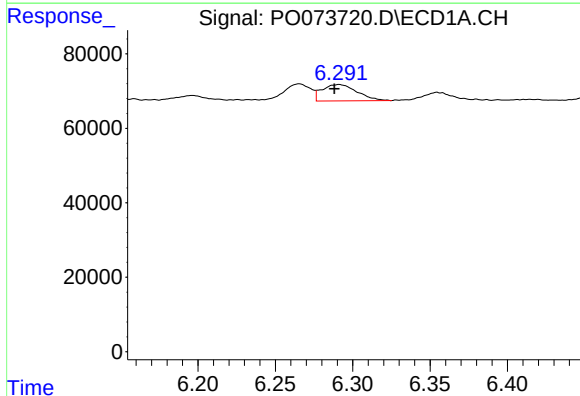
R.T.: 6.266 min  
Delta R.T.: 0.000 min  
Response: 57444  
Conc: 16.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



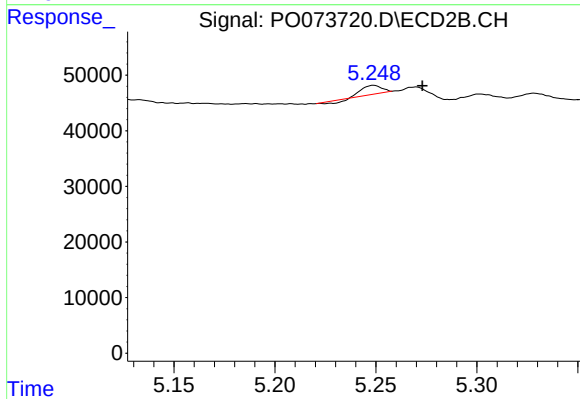
#3 AR-1016-1

R.T.: 5.249 min  
Delta R.T.: -0.004 min  
Response: 8443  
Conc: 3.87 ng/ml



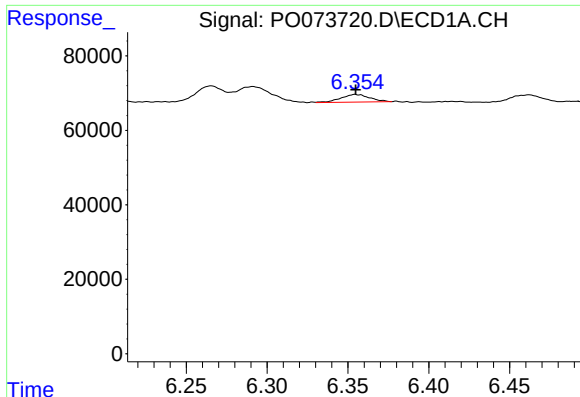
#4 AR-1016-2

R.T.: 6.291 min  
Delta R.T.: 0.003 min  
Response: 69593  
Conc: 14.24 ng/ml



#4 AR-1016-2

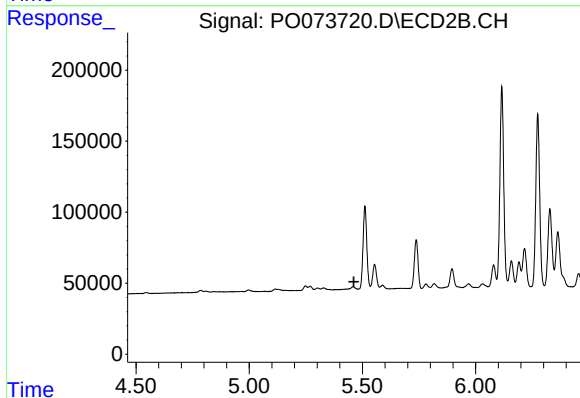
R.T.: 5.249 min  
Delta R.T.: -0.024 min  
Response: 8443  
Conc: 2.79 ng/ml



#5 AR-1016-3

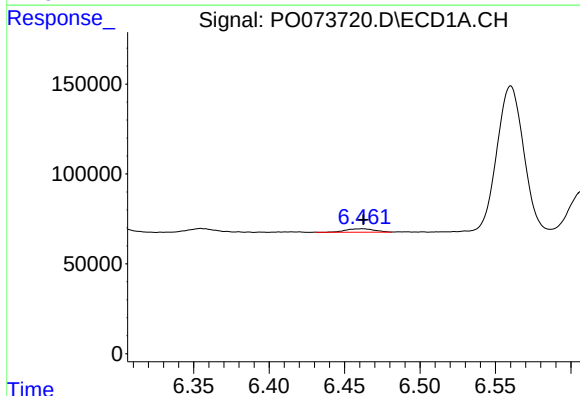
R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 25289  
Conc: 8.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



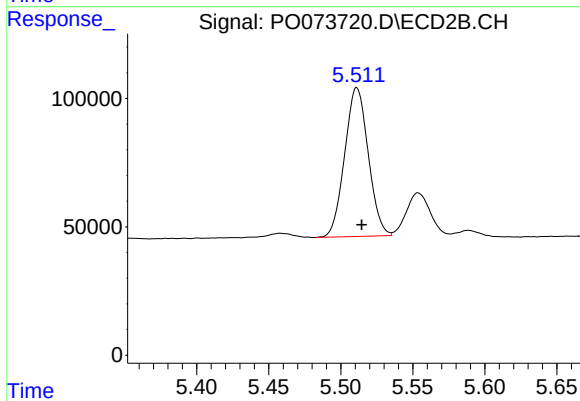
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.462 min  
Response: 0  
Conc: N.D.



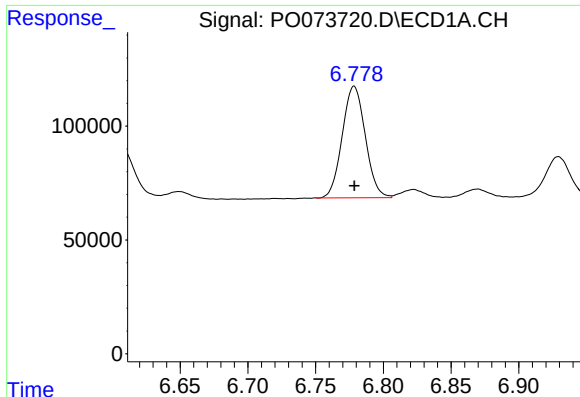
#6 AR-1016-4

R.T.: 6.462 min  
Delta R.T.: 0.000 min  
Response: 24987  
Conc: 10.14 ng/ml



#6 AR-1016-4

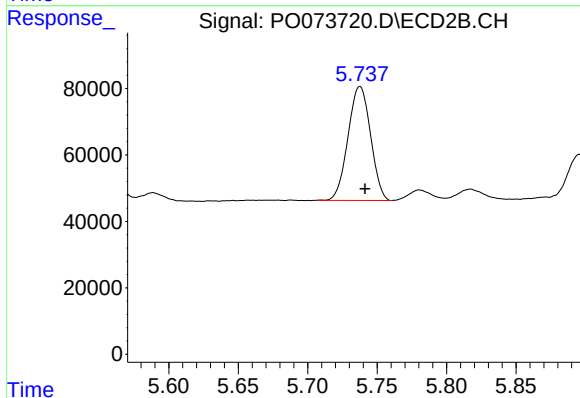
R.T.: 5.511 min  
Delta R.T.: -0.003 min  
Response: 660941  
Conc: 501.20 ng/ml



#7 AR-1016-5

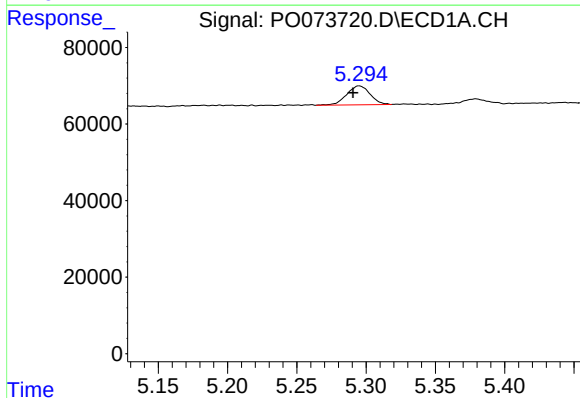
R.T.: 6.778 min  
Delta R.T.: 0.000 min  
Response: 581069  
Conc: 244.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



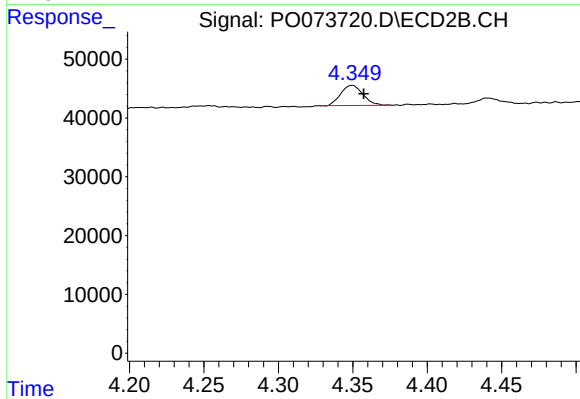
#7 AR-1016-5

R.T.: 5.738 min  
Delta R.T.: -0.004 min  
Response: 387650  
Conc: 236.58 ng/ml



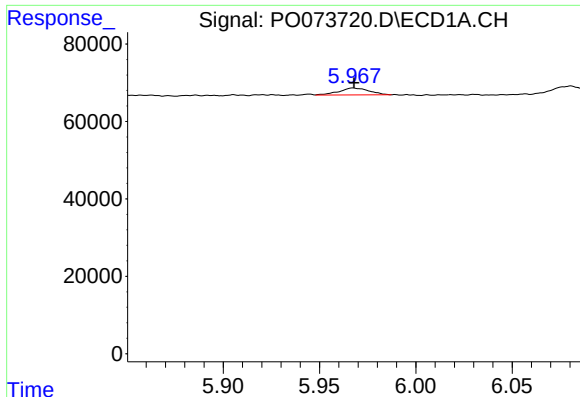
#9 AR-1221-2

R.T.: 5.295 min  
Delta R.T.: 0.004 min  
Response: 58359  
Conc: 74.30 ng/ml



#9 AR-1221-2

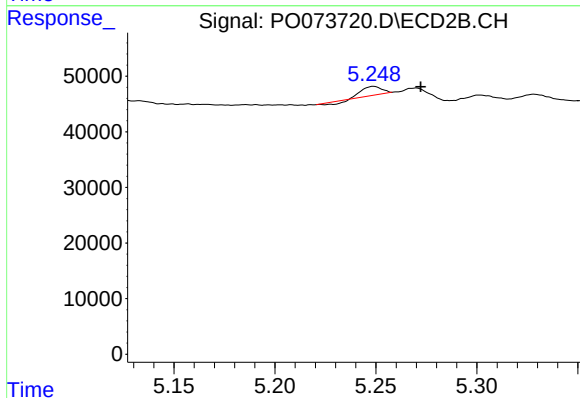
R.T.: 4.350 min  
Delta R.T.: -0.008 min  
Response: 35724  
Conc: 69.48 ng/ml



#12 AR-1232-2

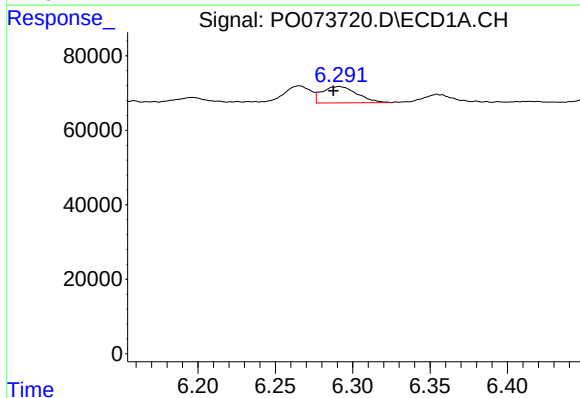
R.T.: 5.967 min  
Delta R.T.: 0.000 min  
Response: 19604  
Conc: 18.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



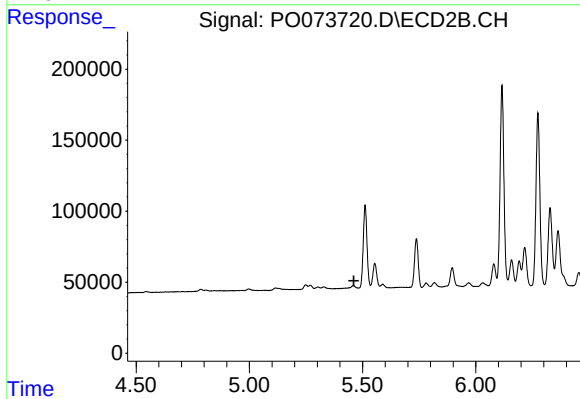
#12 AR-1232-2

R.T.: 5.249 min  
Delta R.T.: -0.023 min  
Response: 8443  
Conc: 6.35 ng/ml



#13 AR-1232-3

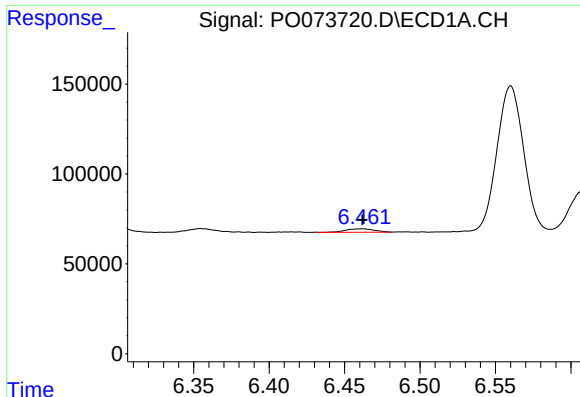
R.T.: 6.291 min  
Delta R.T.: 0.004 min  
Response: 69593  
Conc: 32.43 ng/ml



#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.462 min  
Response: 0  
Conc: N.D.

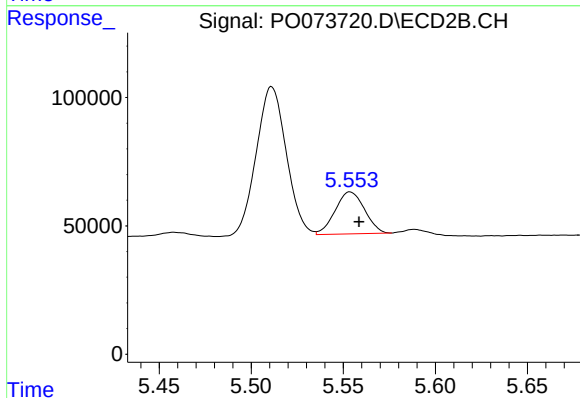




#14 AR-1232-4

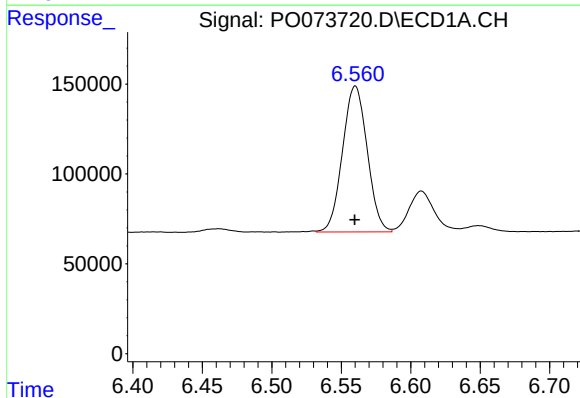
R.T.: 6.462 min  
Delta R.T.: 0.000 min  
Response: 24987  
Conc: 23.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



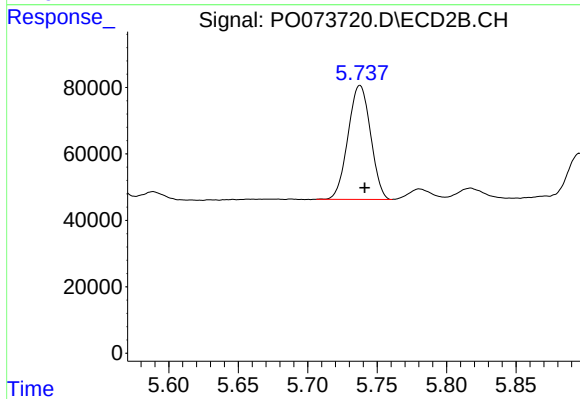
#14 AR-1232-4

R.T.: 5.554 min  
Delta R.T.: -0.005 min  
Response: 182155  
Conc: 298.43 ng/ml



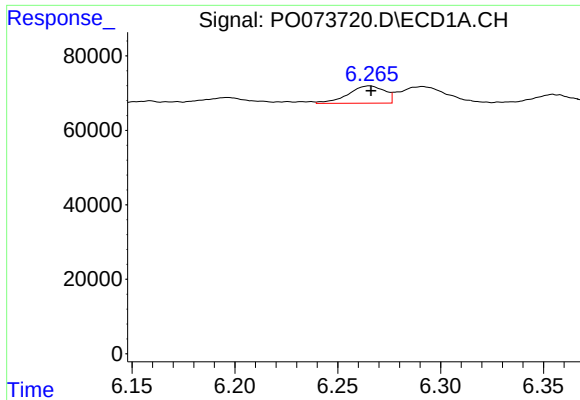
#15 AR-1232-5

R.T.: 6.560 min  
Delta R.T.: 0.000 min  
Response: 1003609  
Conc: 1401.71 ng/ml



#15 AR-1232-5

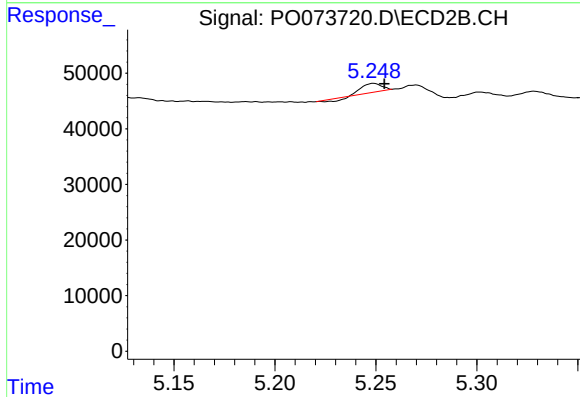
R.T.: 5.738 min  
Delta R.T.: -0.003 min  
Response: 387650  
Conc: 580.03 ng/ml



#16 AR-1242-1

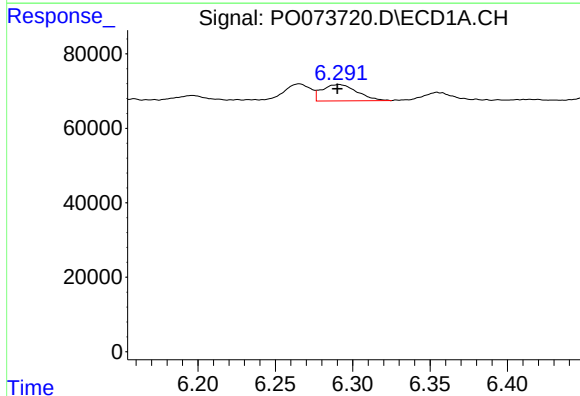
R.T.: 6.266 min  
Delta R.T.: 0.000 min  
Response: 57444  
Conc: 20.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



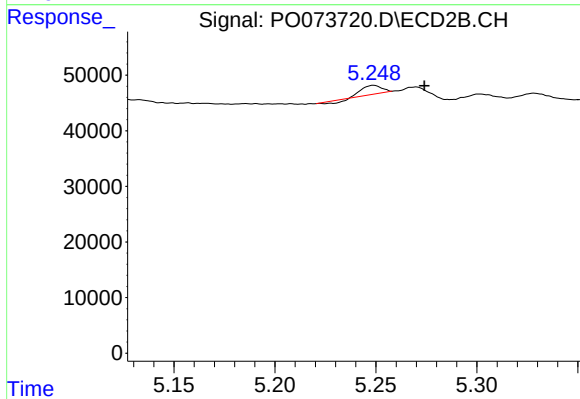
#16 AR-1242-1

R.T.: 5.249 min  
Delta R.T.: -0.005 min  
Response: 8443  
Conc: 4.80 ng/ml



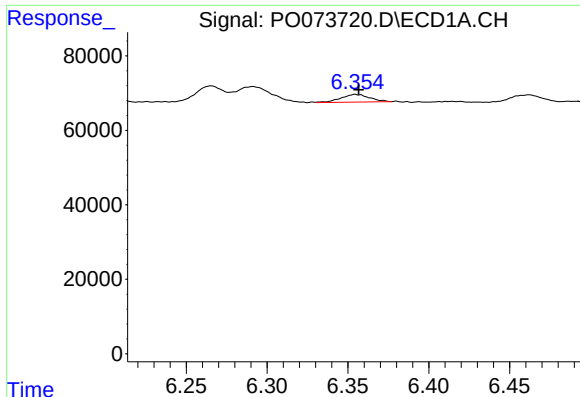
#17 AR-1242-2

R.T.: 6.291 min  
Delta R.T.: 0.001 min  
Response: 69593  
Conc: 17.87 ng/ml



#17 AR-1242-2

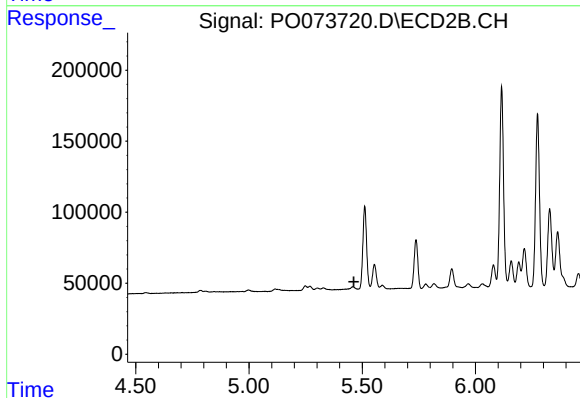
R.T.: 5.249 min  
Delta R.T.: -0.025 min  
Response: 8443  
Conc: 3.45 ng/ml



#18 AR-1242-3

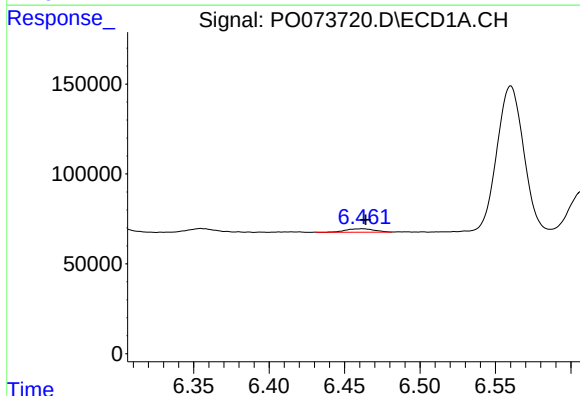
R.T.: 6.355 min  
Delta R.T.: -0.002 min  
Response: 25289  
Conc: 10.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



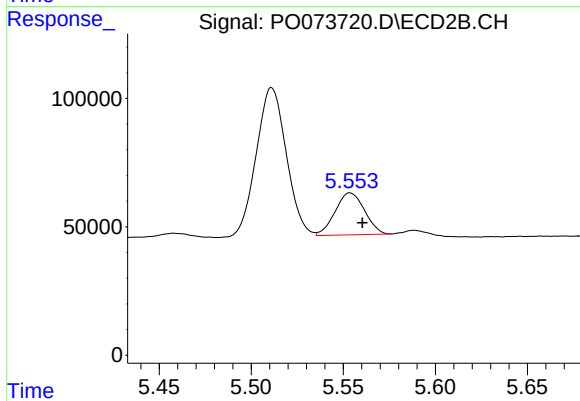
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.464 min  
Response: 0  
Conc: N.D.



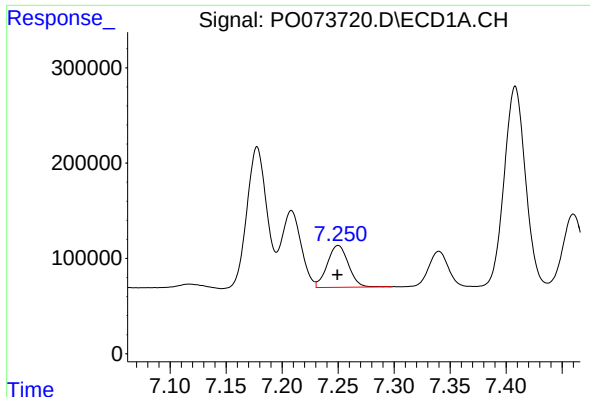
#19 AR-1242-4

R.T.: 6.462 min  
Delta R.T.: -0.002 min  
Response: 24987  
Conc: 12.68 ng/ml



#19 AR-1242-4

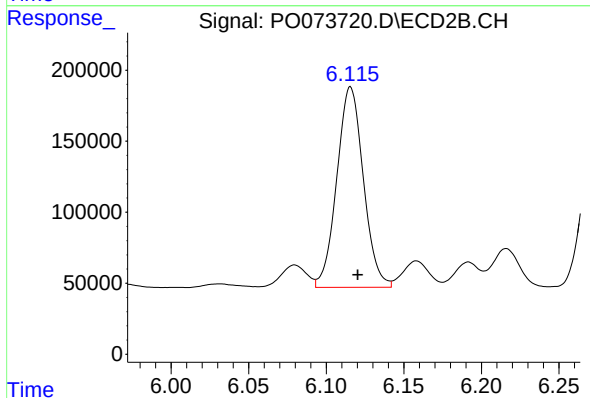
R.T.: 5.554 min  
Delta R.T.: -0.007 min  
Response: 182155  
Conc: 145.55 ng/ml



#20 AR-1242-5

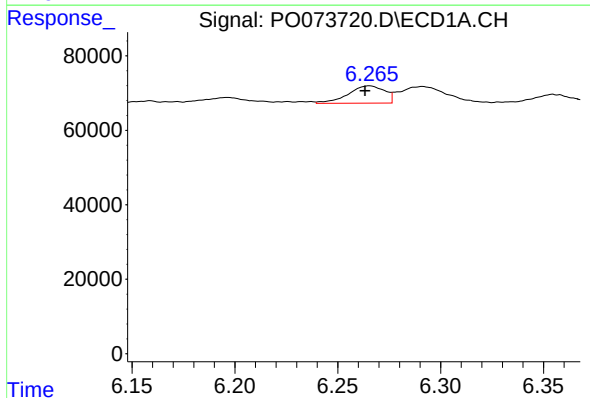
R.T.: 7.250 min  
Delta R.T.: 0.000 min  
Response: 578097  
Conc: 264.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



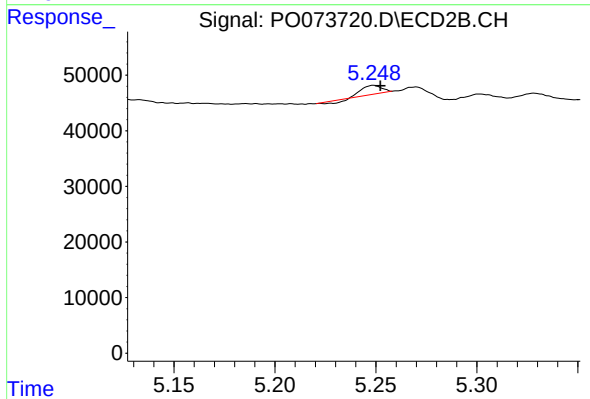
#20 AR-1242-5

R.T.: 6.116 min  
Delta R.T.: -0.005 min  
Response: 1680467  
Conc: 985.85 ng/ml



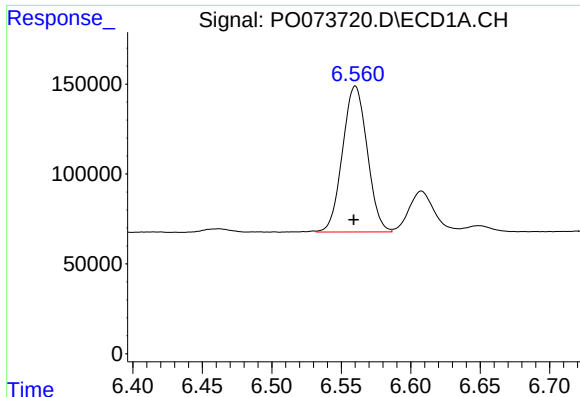
#21 AR-1248-1

R.T.: 6.266 min  
Delta R.T.: 0.002 min  
Response: 57444  
Conc: 26.44 ng/ml



#21 AR-1248-1

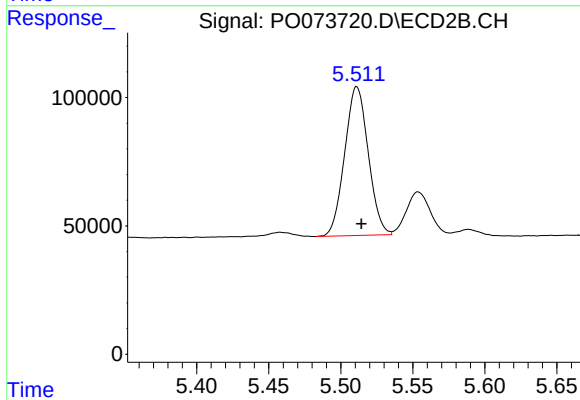
R.T.: 5.249 min  
Delta R.T.: -0.003 min  
Response: 8443  
Conc: 6.17 ng/ml



#22 AR-1248-2

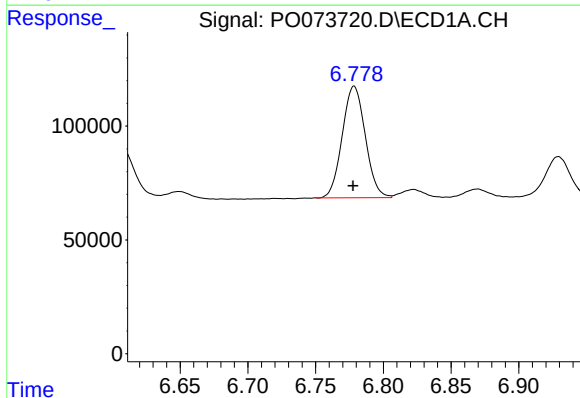
R.T.: 6.560 min  
Delta R.T.: 0.001 min  
Response: 1003609  
Conc: 359.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



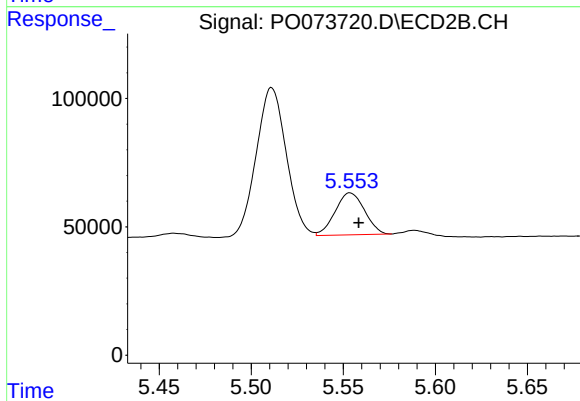
#22 AR-1248-2

R.T.: 5.511 min  
Delta R.T.: -0.003 min  
Response: 660941  
Conc: 356.22 ng/ml



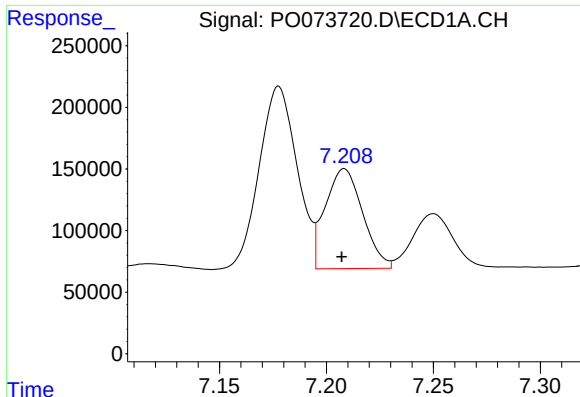
#23 AR-1248-3

R.T.: 6.778 min  
Delta R.T.: 0.000 min  
Response: 581069  
Conc: 177.43 ng/ml



#23 AR-1248-3

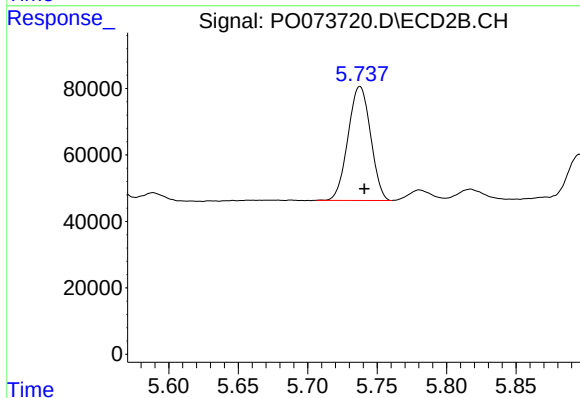
R.T.: 5.554 min  
Delta R.T.: -0.005 min  
Response: 182155  
Conc: 97.09 ng/ml



#24 AR-1248-4

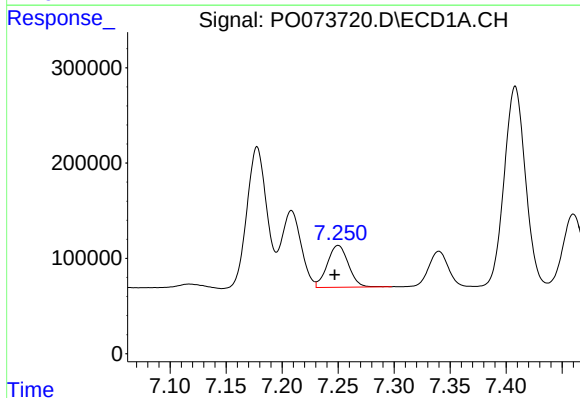
R.T.: 7.208 min  
Delta R.T.: 0.001 min  
Response: 988483  
Conc: 247.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



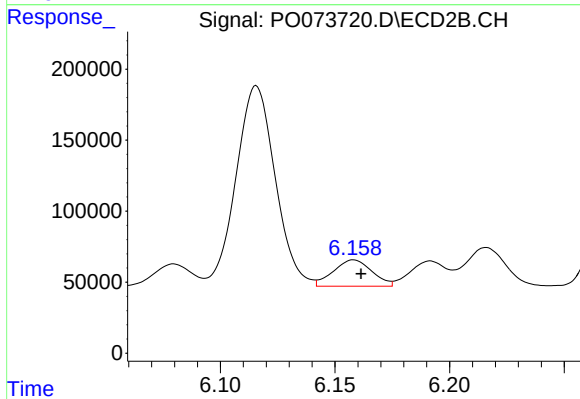
#24 AR-1248-4

R.T.: 5.738 min  
Delta R.T.: -0.003 min  
Response: 387650  
Conc: 172.23 ng/ml



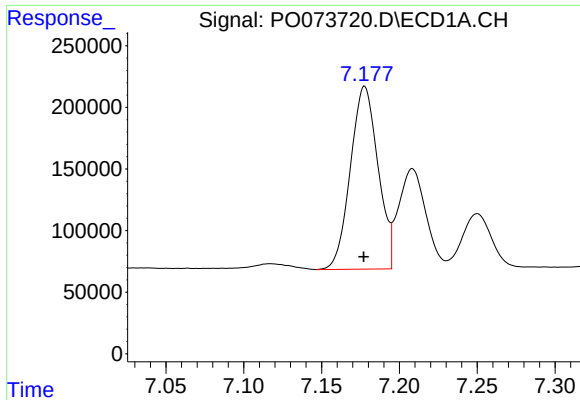
#25 AR-1248-5

R.T.: 7.250 min  
Delta R.T.: 0.003 min  
Response: 578097  
Conc: 152.86 ng/ml



#25 AR-1248-5

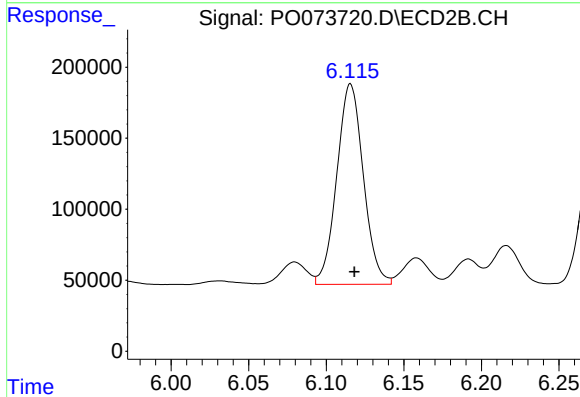
R.T.: 6.158 min  
Delta R.T.: -0.003 min  
Response: 217379  
Conc: 93.56 ng/ml



#26 AR-1254-1

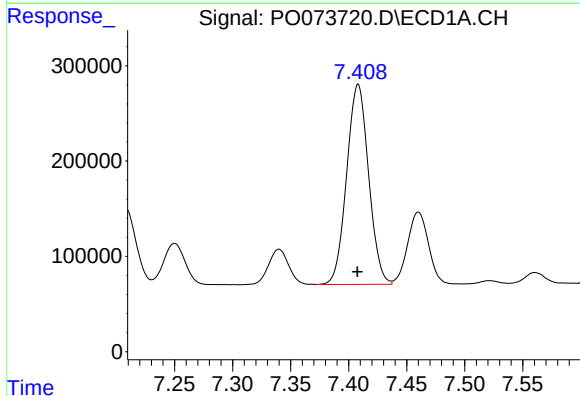
R.T.: 7.178 min  
Delta R.T.: 0.000 min  
Response: 1831275  
Conc: 482.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



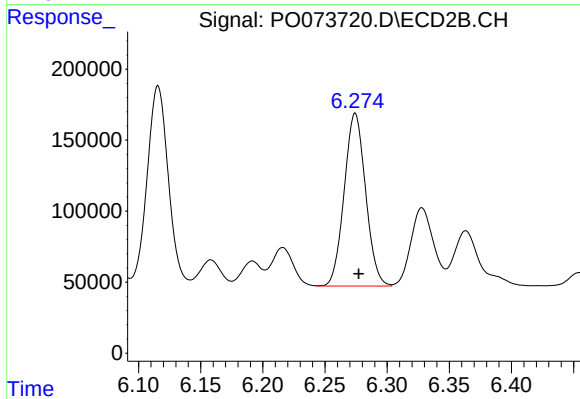
#26 AR-1254-1

R.T.: 6.116 min  
Delta R.T.: -0.003 min  
Response: 1680467  
Conc: 475.51 ng/ml



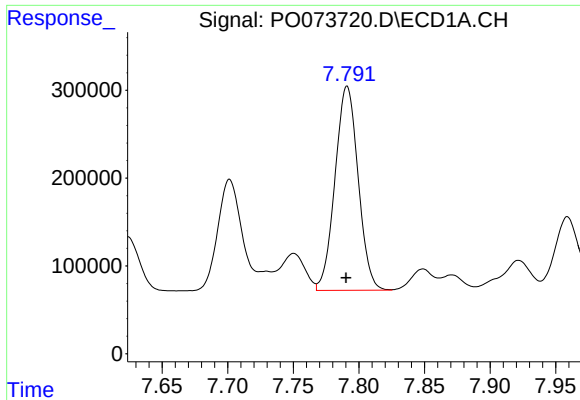
#27 AR-1254-2

R.T.: 7.408 min  
Delta R.T.: 0.000 min  
Response: 2762081  
Conc: 468.48 ng/ml



#27 AR-1254-2

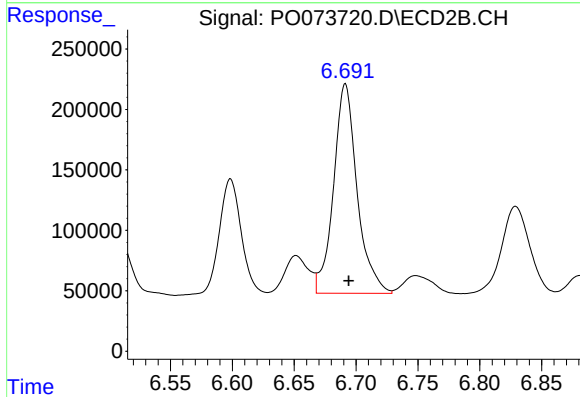
R.T.: 6.274 min  
Delta R.T.: -0.003 min  
Response: 1459086  
Conc: 467.35 ng/ml



#28 AR-1254-3

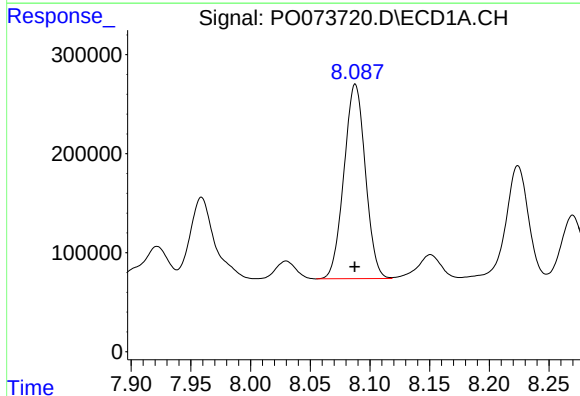
R.T.: 7.791 min  
Delta R.T.: 0.000 min  
Response: 2855062  
Conc: 465.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



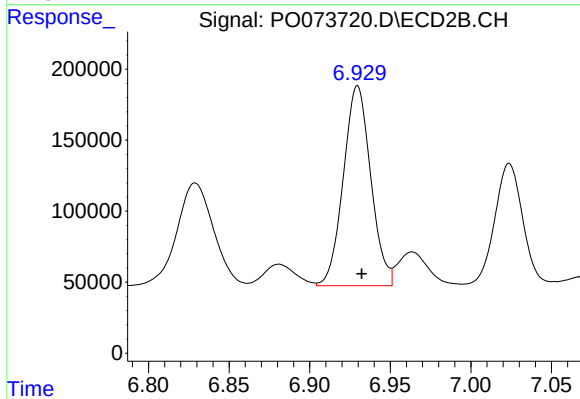
#28 AR-1254-3

R.T.: 6.691 min  
Delta R.T.: -0.003 min  
Response: 2296253  
Conc: 469.01 ng/ml



#29 AR-1254-4

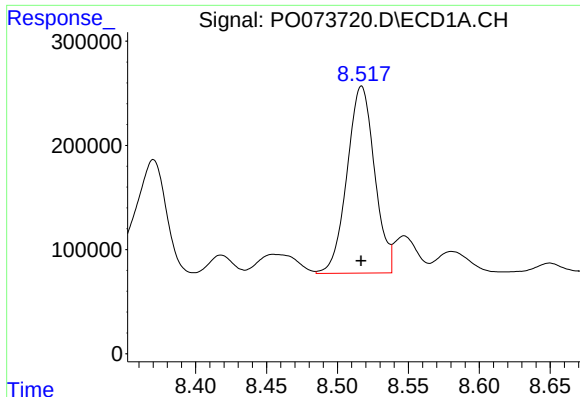
R.T.: 8.088 min  
Delta R.T.: 0.000 min  
Response: 2451702  
Conc: 467.35 ng/ml



#29 AR-1254-4

R.T.: 6.930 min  
Delta R.T.: -0.003 min  
Response: 1668467  
Conc: 475.75 ng/ml

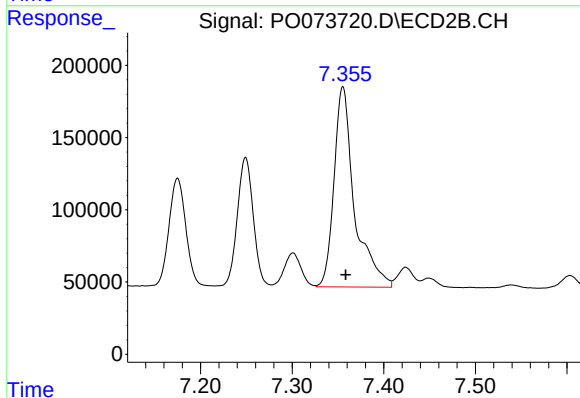




#30 AR-1254-5

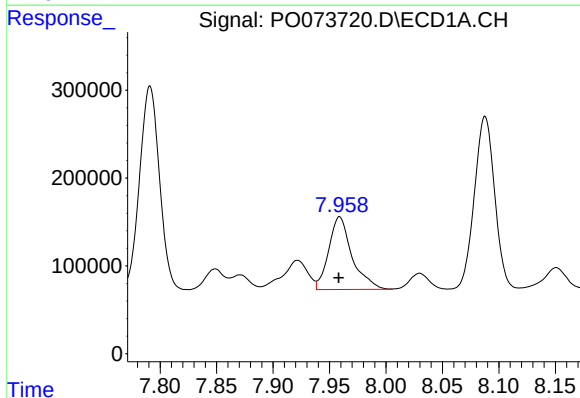
R.T.: 8.517 min  
Delta R.T.: 0.000 min  
Response: 2421925  
Conc: 470.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



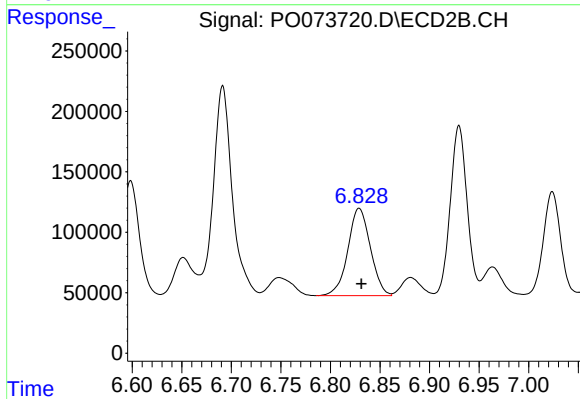
#30 AR-1254-5

R.T.: 7.355 min  
Delta R.T.: -0.003 min  
Response: 2144980  
Conc: 486.43 ng/ml



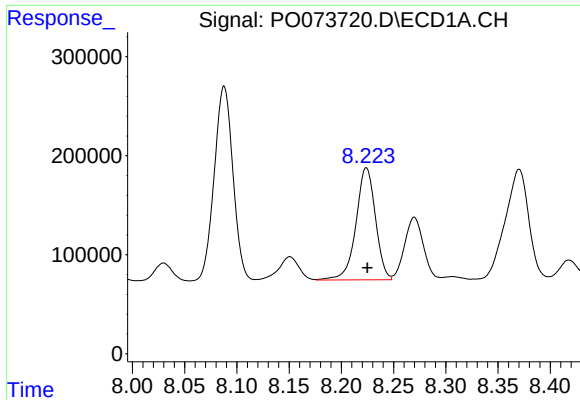
#31 AR-1260-1

R.T.: 7.959 min  
Delta R.T.: 0.000 min  
Response: 1192778  
Conc: 282.22 ng/ml



#31 AR-1260-1

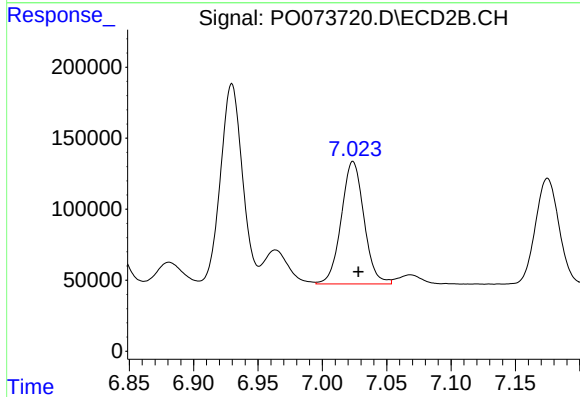
R.T.: 6.829 min  
Delta R.T.: -0.002 min  
Response: 1143342  
Conc: 369.86 ng/ml



#32 AR-1260-2

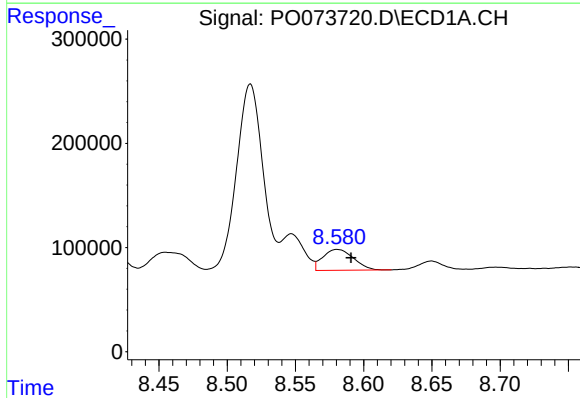
R.T.: 8.224 min  
Delta R.T.: 0.000 min  
Response: 1470382  
Conc: 261.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



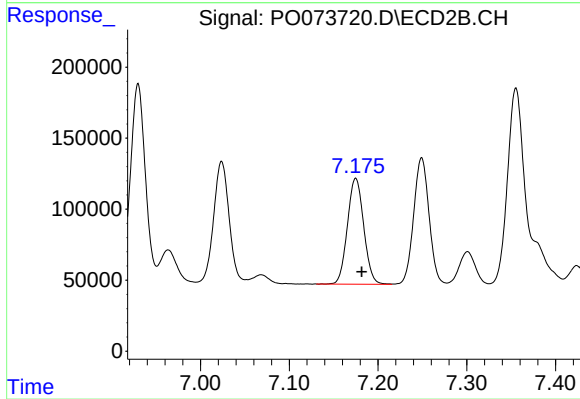
#32 AR-1260-2

R.T.: 7.024 min  
Delta R.T.: -0.004 min  
Response: 1059955  
Conc: 261.30 ng/ml



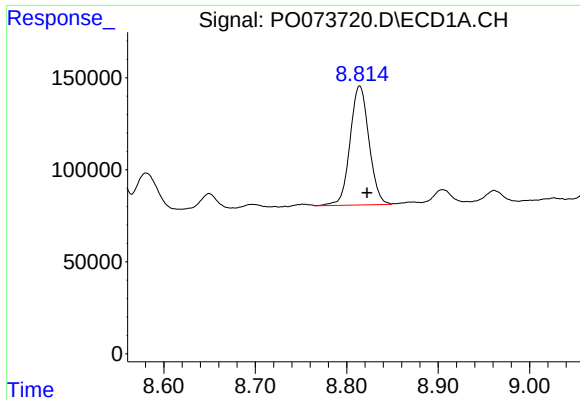
#33 AR-1260-3

R.T.: 8.581 min  
Delta R.T.: -0.010 min  
Response: 313669  
Conc: 68.62 ng/ml



#33 AR-1260-3

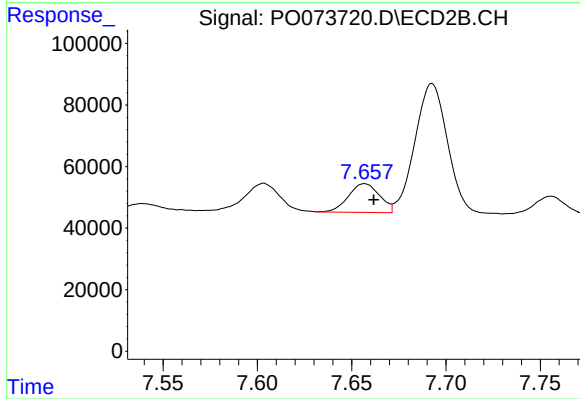
R.T.: 7.175 min  
Delta R.T.: -0.007 min  
Response: 953463  
Conc: 273.17 ng/ml



#34 AR-1260-4

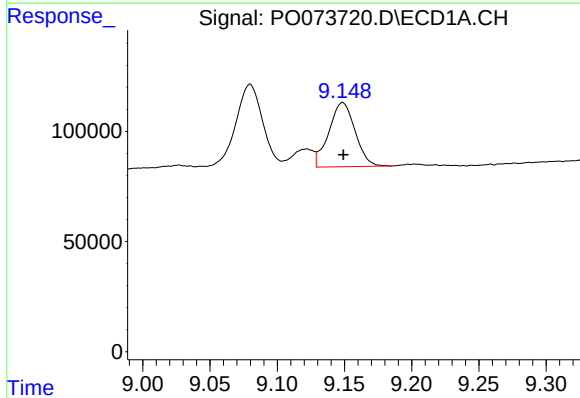
R.T.: 8.814 min  
Delta R.T.: -0.008 min  
Response: 927306  
Conc: 195.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



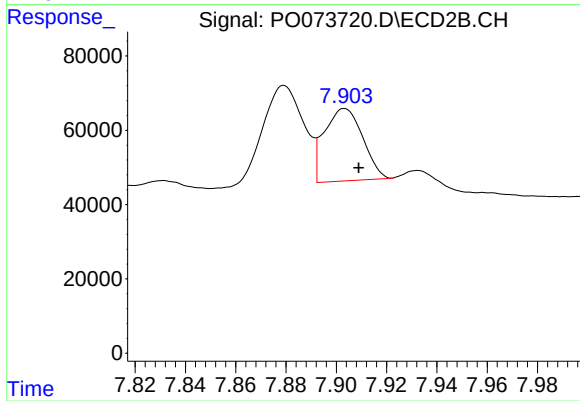
#34 AR-1260-4

R.T.: 7.657 min  
Delta R.T.: -0.005 min  
Response: 107911  
Conc: 35.74 ng/ml



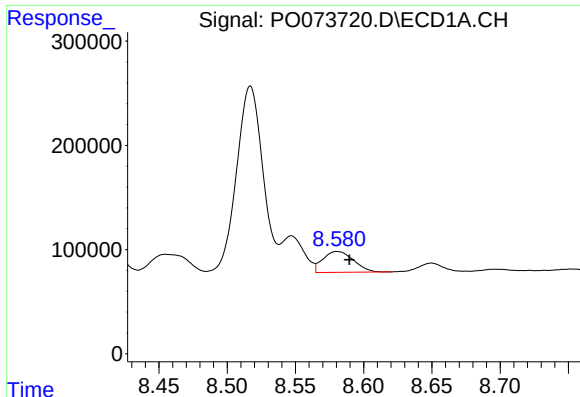
#35 AR-1260-5

R.T.: 9.149 min  
Delta R.T.: 0.000 min  
Response: 395562  
Conc: 39.64 ng/ml



#35 AR-1260-5

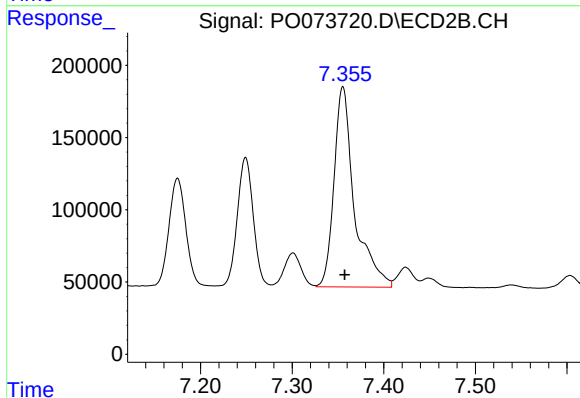
R.T.: 7.903 min  
Delta R.T.: -0.006 min  
Response: 207093  
Conc: 27.72 ng/ml



#36 AR-1262-1

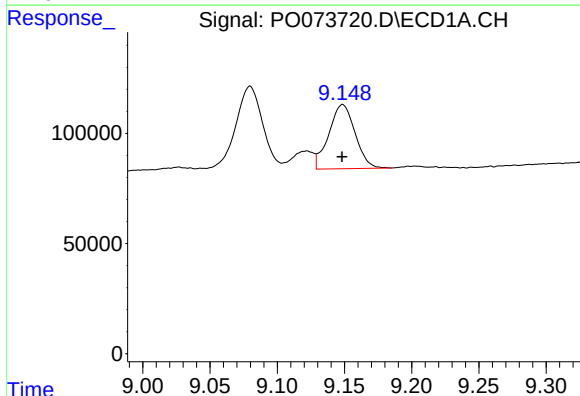
R.T.: 8.581 min  
Delta R.T.: -0.009 min  
Response: 313669  
Conc: 41.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



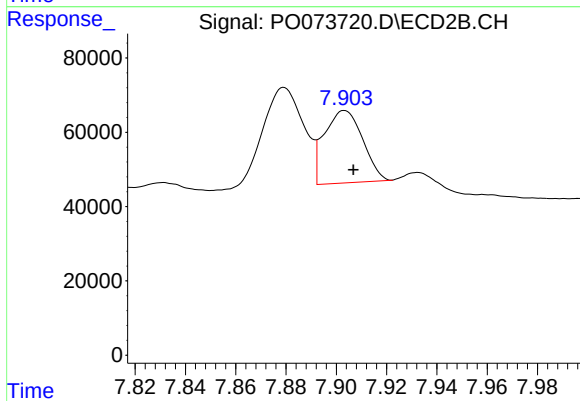
#36 AR-1262-1

R.T.: 7.355 min  
Delta R.T.: -0.002 min  
Response: 2144980  
Conc: 858.06 ng/ml



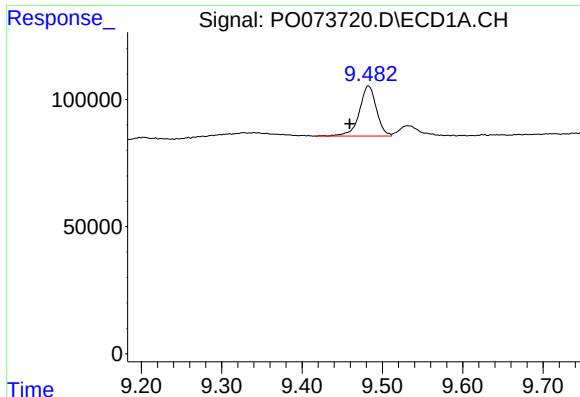
#37 AR-1262-2

R.T.: 9.149 min  
Delta R.T.: 0.000 min  
Response: 395562  
Conc: 30.84 ng/ml



#37 AR-1262-2

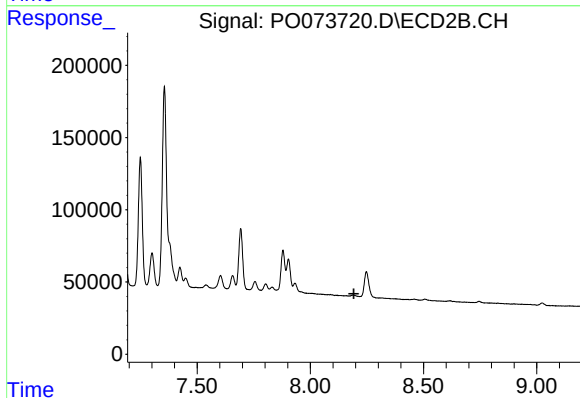
R.T.: 7.903 min  
Delta R.T.: -0.004 min  
Response: 207093  
Conc: 23.54 ng/ml



#38 AR-1262-3

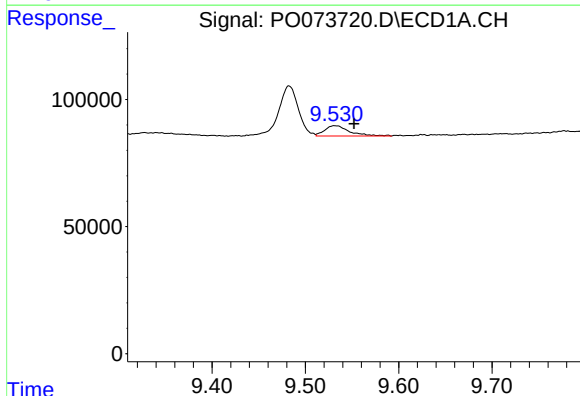
R.T.: 9.483 min  
Delta R.T.: 0.023 min  
Response: 289518  
Conc: 34.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



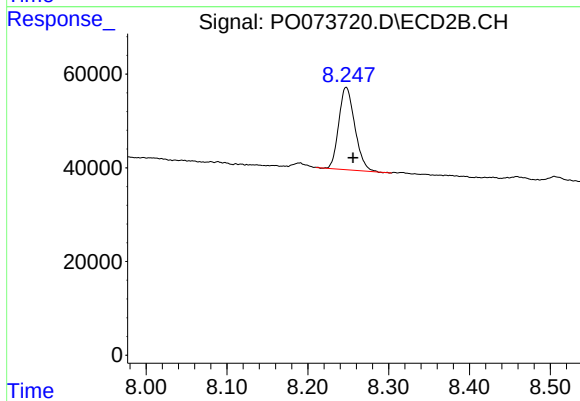
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.192 min  
Response: 0  
Conc: N.D.



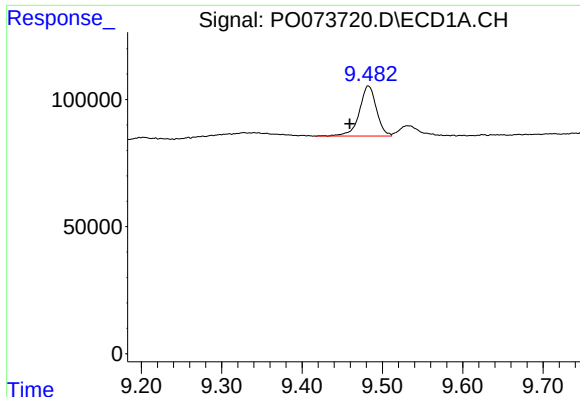
#39 AR-1262-4

R.T.: 9.531 min  
Delta R.T.: -0.021 min  
Response: 74238  
Conc: 22.20 ng/ml



#39 AR-1262-4

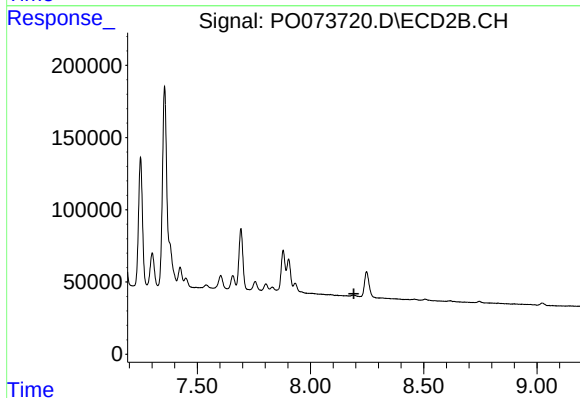
R.T.: 8.248 min  
Delta R.T.: -0.008 min  
Response: 243122  
Conc: 39.51 ng/ml



#41 AR-1268-1

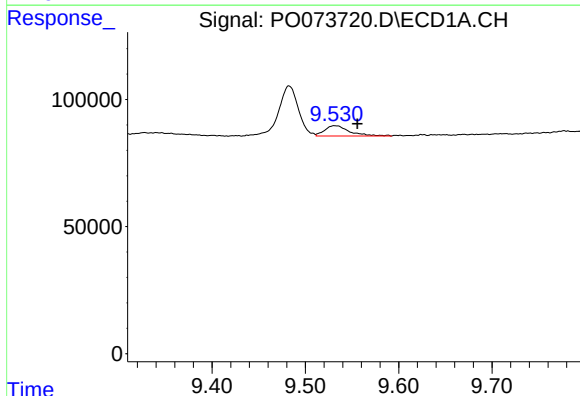
R.T.: 9.483 min  
Delta R.T.: 0.023 min  
Response: 289518  
Conc: 20.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



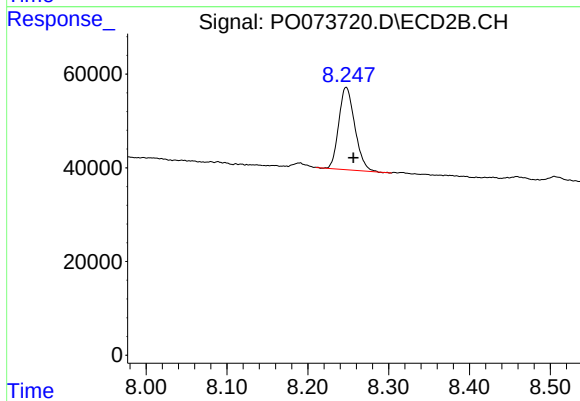
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.192 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 9.531 min  
Delta R.T.: -0.024 min  
Response: 74238  
Conc: 6.02 ng/ml



#42 AR-1268-2

R.T.: 8.248 min  
Delta R.T.: -0.009 min  
Response: 243122  
Conc: 29.51 ng/ml