

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0031721\  
 Data File : P0076265.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 17 Mar 2021 23:23  
 Operator : DD\AJ  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

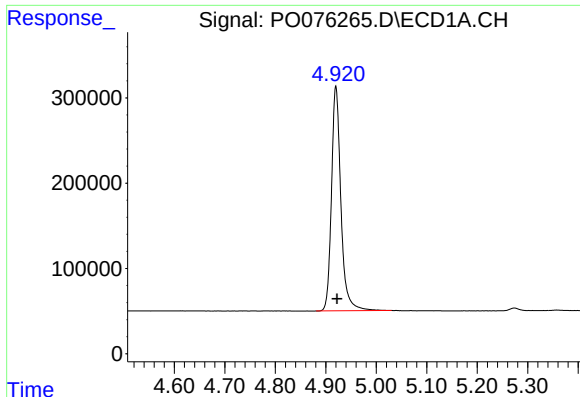
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 18 01:42:11 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0031521.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 16 07:18:57 2021  
 Response via : Initial Calibration  
 Integrator: 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... | 4.920  | 3.934  | 3408686 | 2371965 | 60.002   | 56.853     |
| 2)                          | SA Decachlor... | 10.919 | 9.197  | 2378299 | 2167051 | 61.832   | 56.437     |
| Target Compounds            |                 |        |        |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.244  | 5.181  | 27243   | 886     | 16.534   | 0.757 #    |
| 4)                          | L1 AR-1016-2    | 6.272  | 5.181f | 36191   | 886     | 14.164   | 0.402 #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.441  | 0       | 531563  | N.D.     | 541.937 #  |
| 7)                          | L1 AR-1016-5    | 6.756  | 5.668  | 383976  | 308735  | 299.141  | 271.275    |
| 9)                          | L2 AR-1221-2    | 5.274  | 4.283  | 41028   | 29474   | 100.167  | 90.251     |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.181f | 0       | 886     | N.D.     | 0.938 #    |
| 13)                         | L3 AR-1232-3    | 6.272  | 0.000  | 36191   | 0       | 34.740   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.484  | 0       | 142666  | N.D.     | 340.736 #  |
| 15)                         | L3 AR-1232-5    | 6.538  | 5.668  | 672994  | 308735  | 1806.904 | 701.235 #  |
| 16)                         | L4 AR-1242-1    | 6.244  | 5.181  | 27243   | 886     | 21.572   | 0.998 #    |
| 17)                         | L4 AR-1242-2    | 6.272  | 5.181f | 36191   | 886     | 18.261   | 0.512 #    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.484  | 0       | 142666  | N.D.     | 164.355 #  |
| 20)                         | L4 AR-1242-5    | 7.226  | 6.046  | 414786  | 1283672 | 412.854  | 1273.748 # |
| 21)                         | L5 AR-1248-1    | 6.244  | 5.181  | 27243   | 886     | 28.896   | 1.290 #    |
| 22)                         | L5 AR-1248-2    | 6.538  | 5.441  | 672994  | 531563  | 446.759  | 410.836    |
| 23)                         | L5 AR-1248-3    | 6.756  | 5.484  | 383976  | 142666  | 221.387  | 111.614 #  |
| 24)                         | L5 AR-1248-4    | 7.186  | 5.668  | 630212  | 308735  | 358.211  | 209.958 #  |
| 25)                         | L5 AR-1248-5    | 7.226  | 6.091  | 414786  | 172371  | 234.523  | 111.454 #  |
| 26)                         | L6 AR-1254-1    | 7.154  | 6.046  | 1239295 | 1283672 | 604.711  | 561.657    |
| 27)                         | L6 AR-1254-2    | 7.383  | 6.205  | 1780496 | 1149395 | 572.958  | 580.342    |
| 28)                         | L6 AR-1254-3    | 7.766  | 6.624  | 1908627 | 1754083 | 599.928  | 582.358    |
| 29)                         | L6 AR-1254-4    | 8.063  | 6.864  | 1308640 | 1005412 | 624.607  | 569.739    |
| 30)                         | L6 AR-1254-5    | 8.492  | 7.291  | 1384442 | 1540240 | 602.803  | 588.311    |
| 31)                         | L7 AR-1260-1    | 7.933  | 6.761  | 809530  | 855157  | 348.180  | 416.278    |
| 32)                         | L7 AR-1260-2    | 8.199  | 6.957  | 847953  | 669325  | 332.096  | 275.983    |
| 33)                         | L7 AR-1260-3    | 8.553  | 7.108  | 190283  | 707133  | 95.983   | 312.663 #  |
| 34)                         | L7 AR-1260-4    | 8.788  | 7.592  | 511859  | 74052   | 226.572  | 38.429 #   |
| 35)                         | L7 AR-1260-5    | 9.120  | 7.839  | 174702  | 150791  | 42.740   | 34.108     |
| 36)                         | L8 AR-1262-1    | 8.553  | 7.291  | 190283  | 1540240 | 64.314   | 1054.675 # |
| 37)                         | L8 AR-1262-2    | 9.120  | 7.839  | 174702  | 150791  | 36.088   | 30.441     |
| 38)                         | L8 AR-1262-3    | 9.451f | 0.000  | 122533  | 0       | 37.077   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.186  | 0       | 171017  | N.D.     | 45.216 #   |
| 41)                         | L9 AR-1268-1    | 9.451f | 0.000  | 122533  | 0       | 21.035   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.186  | 0       | 171017  | N.D.     | 32.108 #   |
| -----                       |                 |        |        |         |         |          |            |

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

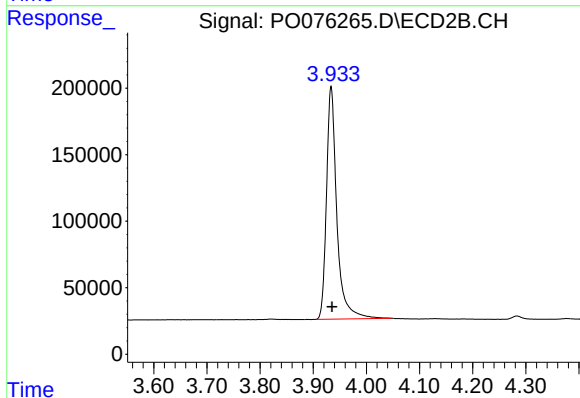




#1 Tetrachloro-m-xylene

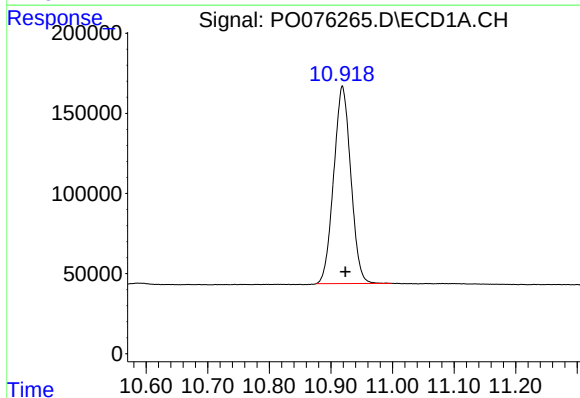
R.T.: 4.920 min  
Delta R.T.: -0.002 min  
Response: 3408686  
Conc: 60.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



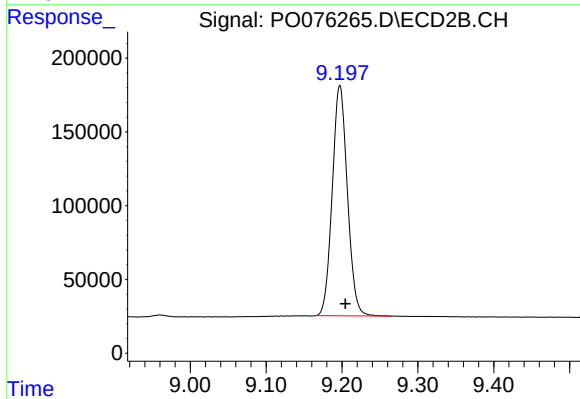
#1 Tetrachloro-m-xylene

R.T.: 3.934 min  
Delta R.T.: -0.002 min  
Response: 2371965  
Conc: 56.85 ng/ml



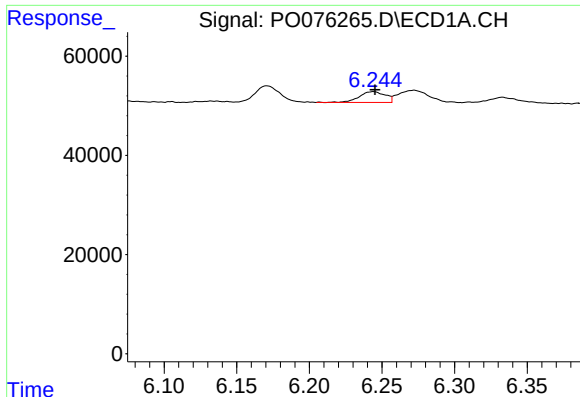
#2 Decachlorobiphenyl

R.T.: 10.919 min  
Delta R.T.: -0.005 min  
Response: 2378299  
Conc: 61.83 ng/ml



#2 Decachlorobiphenyl

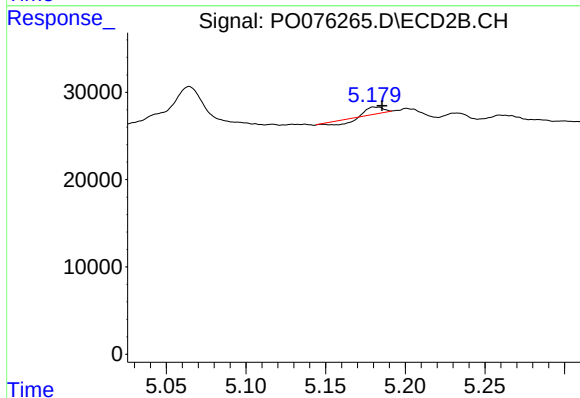
R.T.: 9.197 min  
Delta R.T.: -0.007 min  
Response: 2167051  
Conc: 56.44 ng/ml



#3 AR-1016-1

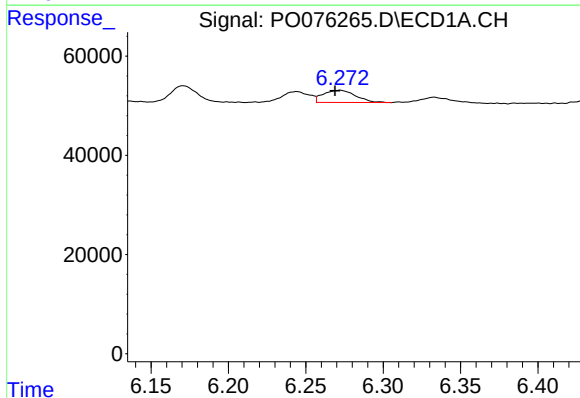
R.T.: 6.244 min  
Delta R.T.: -0.001 min  
Response: 27243  
Conc: 16.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



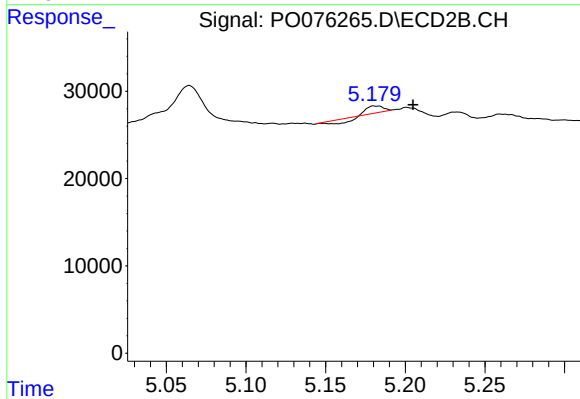
#3 AR-1016-1

R.T.: 5.181 min  
Delta R.T.: -0.004 min  
Response: 886  
Conc: 0.76 ng/ml



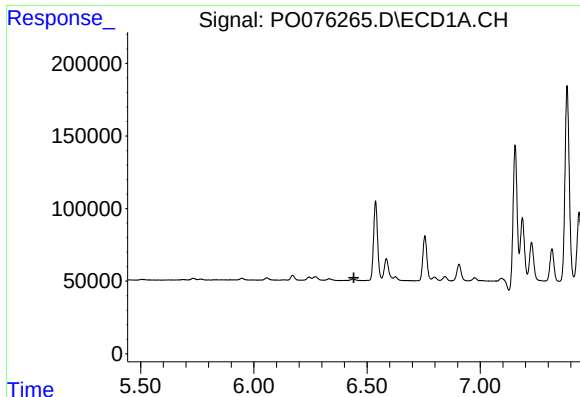
#4 AR-1016-2

R.T.: 6.272 min  
Delta R.T.: 0.003 min  
Response: 36191  
Conc: 14.16 ng/ml



#4 AR-1016-2

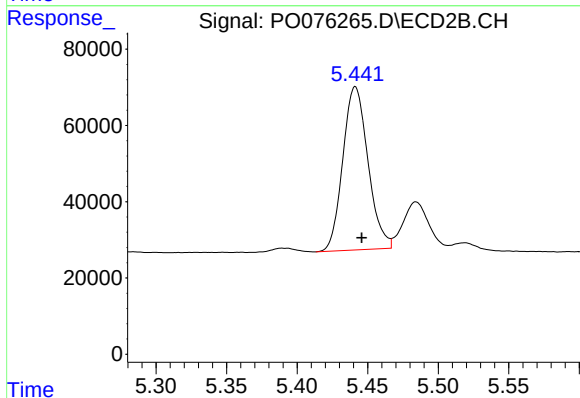
R.T.: 5.181 min  
Delta R.T.: -0.024 min  
Response: 886  
Conc: 0.40 ng/ml



#6 AR-1016-4

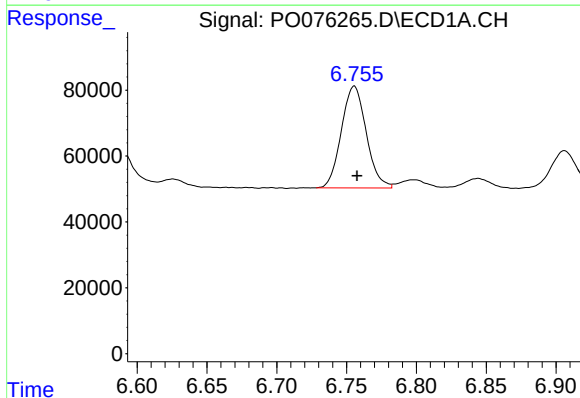
R.T.: 0.000 min  
Exp R.T.: 6.442 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



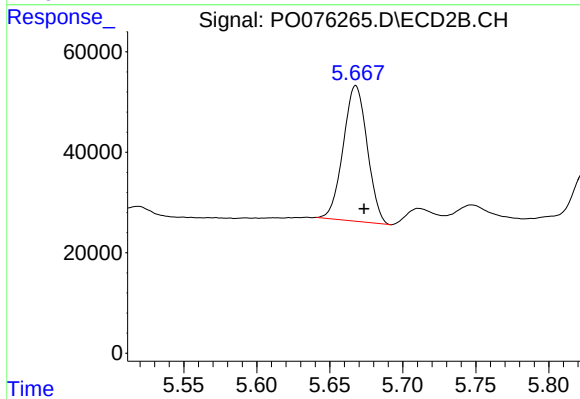
#6 AR-1016-4

R.T.: 5.441 min  
Delta R.T.: -0.005 min  
Response: 531563  
Conc: 541.94 ng/ml



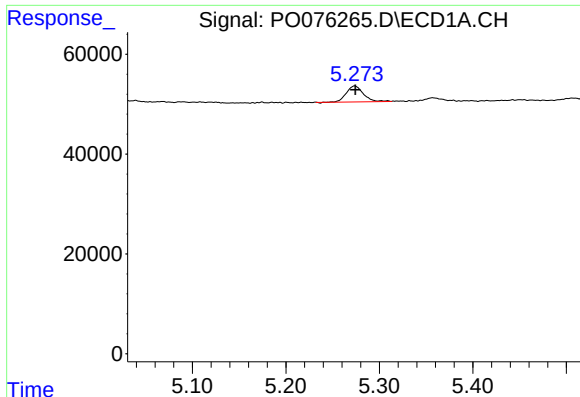
#7 AR-1016-5

R.T.: 6.756 min  
Delta R.T.: -0.002 min  
Response: 383976  
Conc: 299.14 ng/ml



#7 AR-1016-5

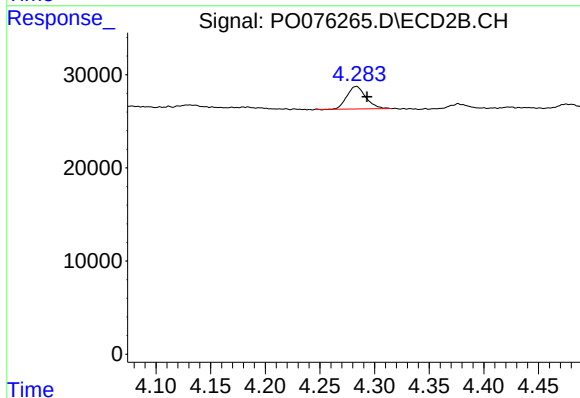
R.T.: 5.668 min  
Delta R.T.: -0.006 min  
Response: 308735  
Conc: 271.28 ng/ml



#9 AR-1221-2

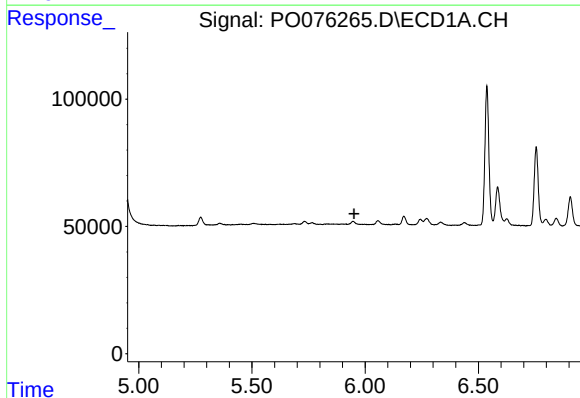
R.T.: 5.274 min  
Delta R.T.: 0.000 min  
Response: 41028  
Conc: 100.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



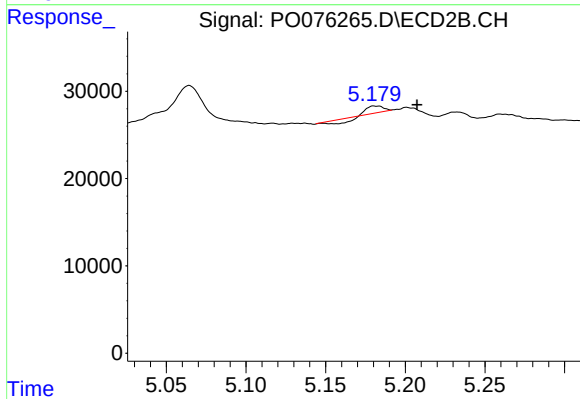
#9 AR-1221-2

R.T.: 4.283 min  
Delta R.T.: -0.010 min  
Response: 29474  
Conc: 90.25 ng/ml



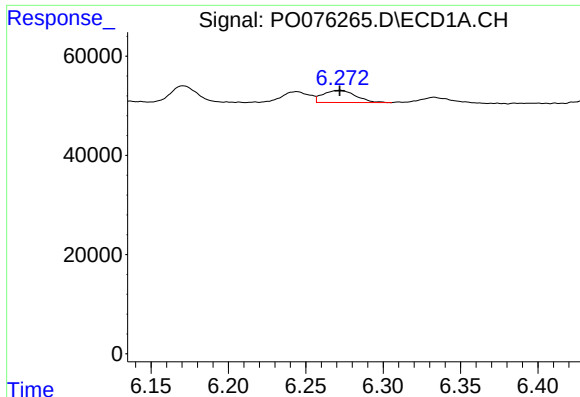
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.951 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

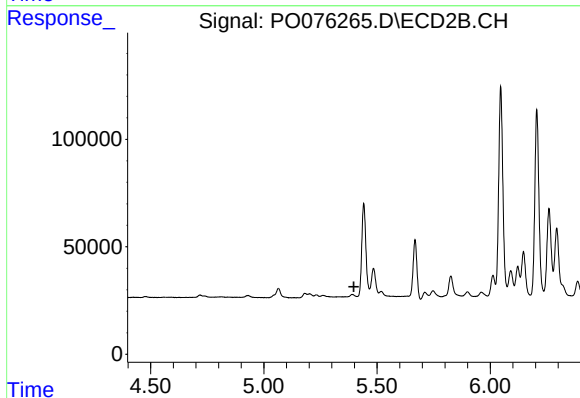
R.T.: 5.181 min  
Delta R.T.: -0.026 min  
Response: 886  
Conc: 0.94 ng/ml



#13 AR-1232-3

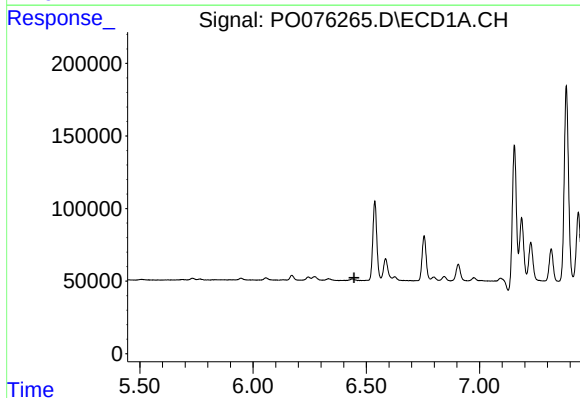
R.T.: 6.272 min  
Delta R.T.: 0.000 min  
Response: 36191  
Conc: 34.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



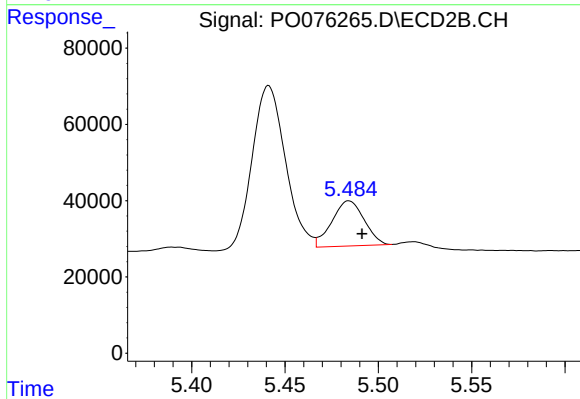
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.397 min  
Response: 0  
Conc: N.D.



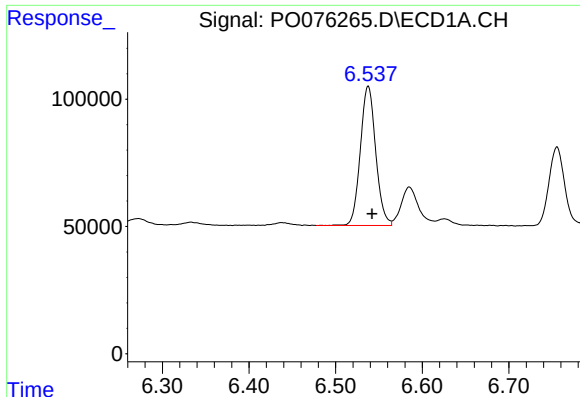
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.446 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

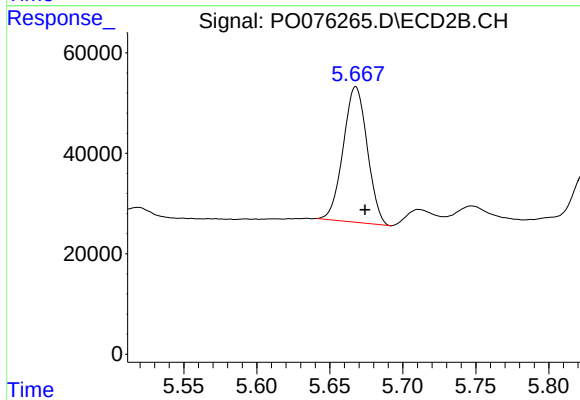
R.T.: 5.484 min  
Delta R.T.: -0.007 min  
Response: 142666  
Conc: 340.74 ng/ml



#15 AR-1232-5

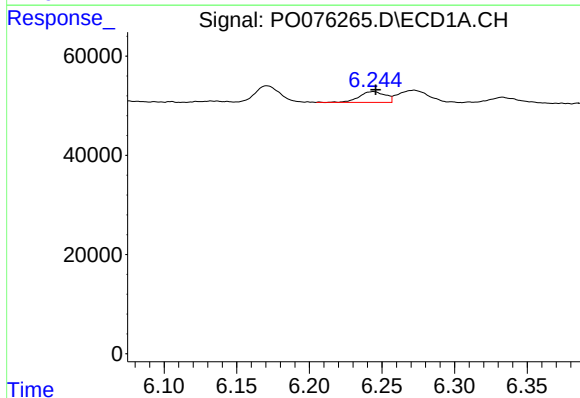
R.T.: 6.538 min  
Delta R.T.: -0.004 min  
Response: 672994  
Conc: 1806.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



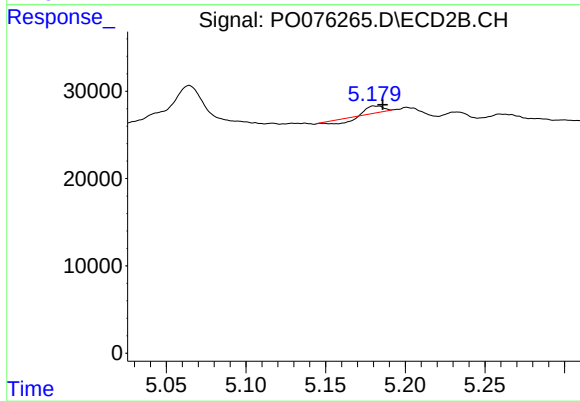
#15 AR-1232-5

R.T.: 5.668 min  
Delta R.T.: -0.006 min  
Response: 308735  
Conc: 701.23 ng/ml



#16 AR-1242-1

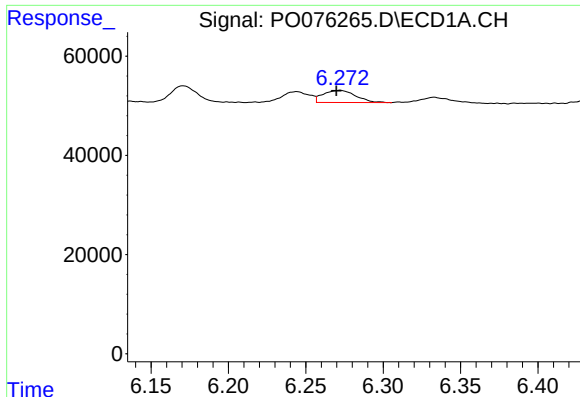
R.T.: 6.244 min  
Delta R.T.: -0.002 min  
Response: 27243  
Conc: 21.57 ng/ml



#16 AR-1242-1

R.T.: 5.181 min  
Delta R.T.: -0.005 min  
Response: 886  
Conc: 1.00 ng/ml

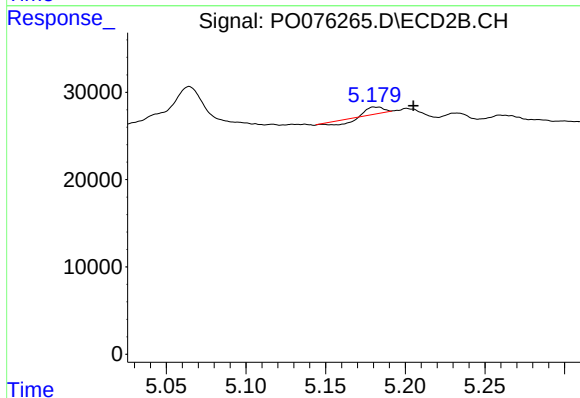




#17 AR-1242-2

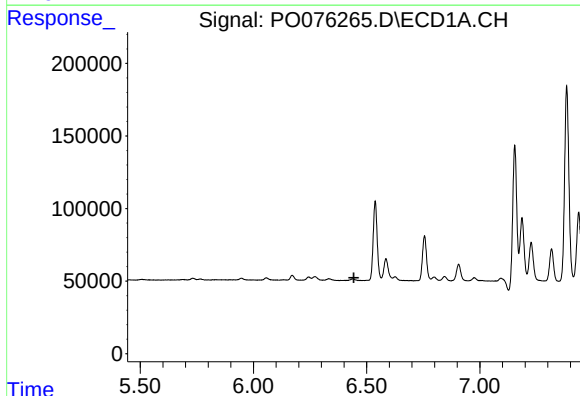
R.T.: 6.272 min  
Delta R.T.: 0.002 min  
Response: 36191  
Conc: 18.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



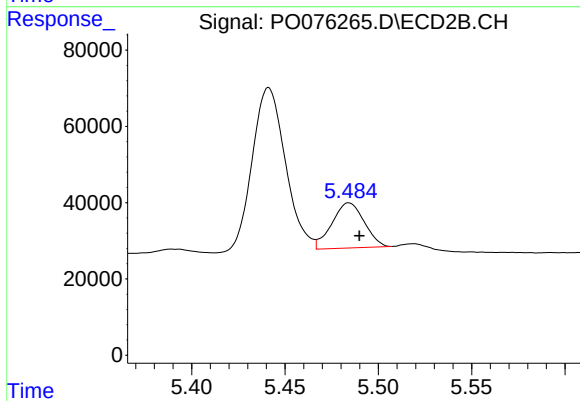
#17 AR-1242-2

R.T.: 5.181 min  
Delta R.T.: -0.024 min  
Response: 886  
Conc: 0.51 ng/ml



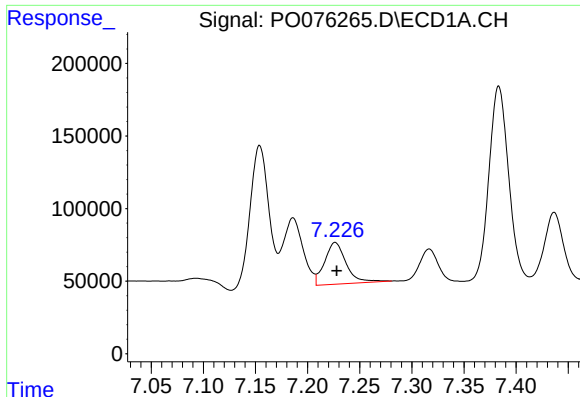
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.444 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

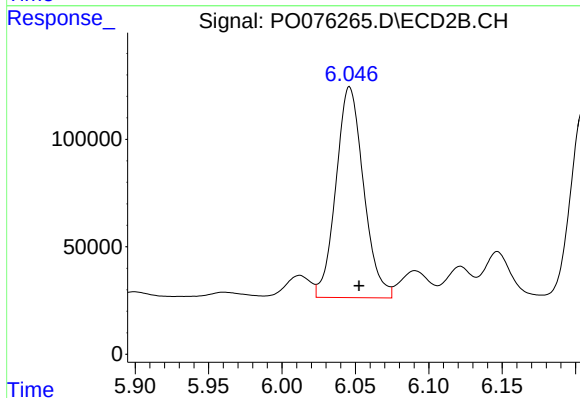
R.T.: 5.484 min  
Delta R.T.: -0.006 min  
Response: 142666  
Conc: 164.35 ng/ml



#20 AR-1242-5

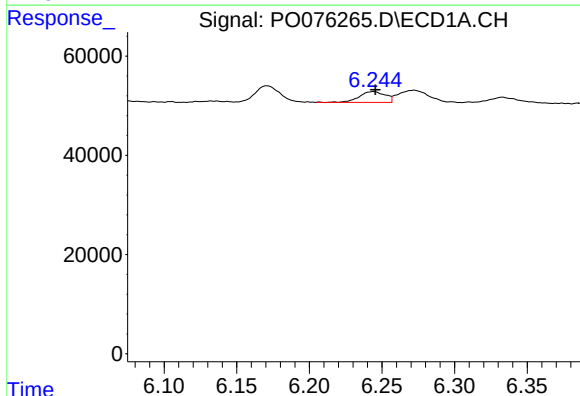
R.T.: 7.226 min  
Delta R.T.: -0.001 min  
Response: 414786  
Conc: 412.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



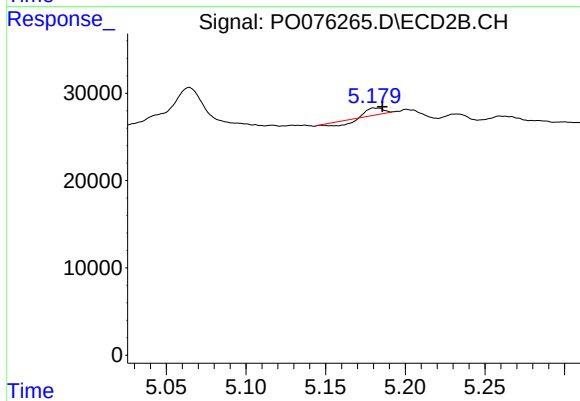
#20 AR-1242-5

R.T.: 6.046 min  
Delta R.T.: -0.007 min  
Response: 1283672  
Conc: 1273.75 ng/ml



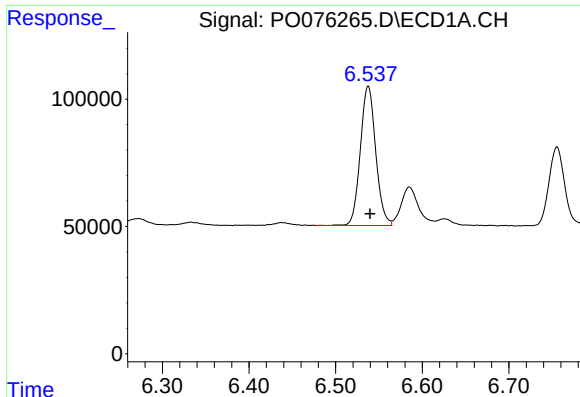
#21 AR-1248-1

R.T.: 6.244 min  
Delta R.T.: -0.001 min  
Response: 27243  
Conc: 28.90 ng/ml



#21 AR-1248-1

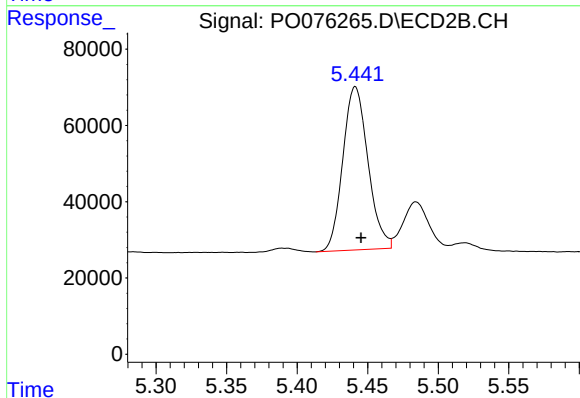
R.T.: 5.181 min  
Delta R.T.: -0.005 min  
Response: 886  
Conc: 1.29 ng/ml



#22 AR-1248-2

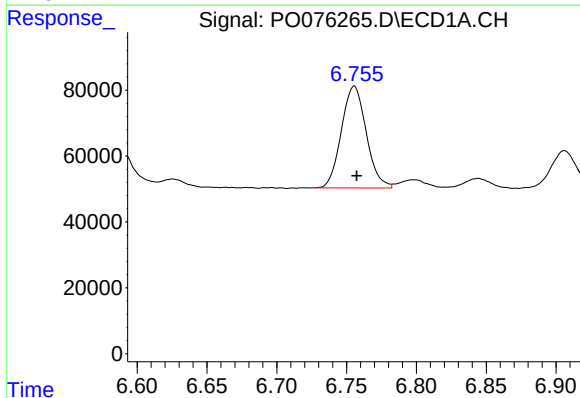
R.T.: 6.538 min  
Delta R.T.: -0.002 min  
Response: 672994  
Conc: 446.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



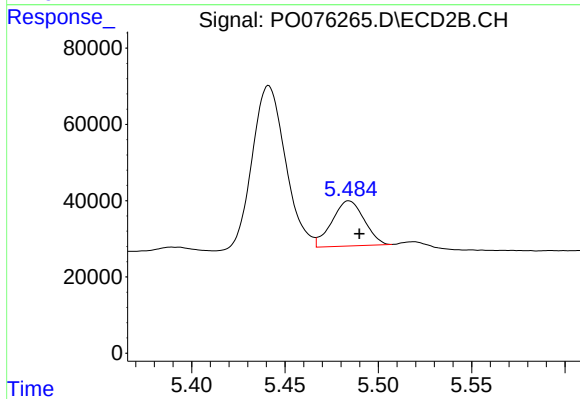
#22 AR-1248-2

R.T.: 5.441 min  
Delta R.T.: -0.004 min  
Response: 531563  
Conc: 410.84 ng/ml



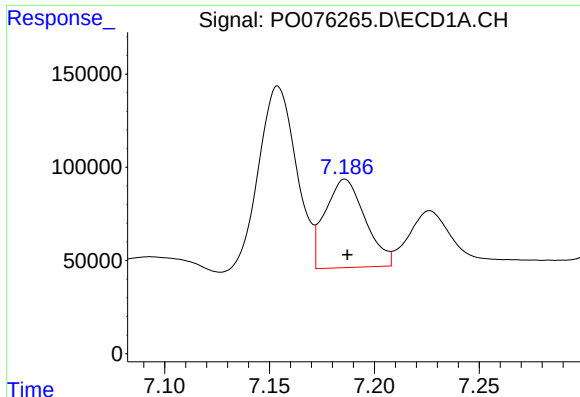
#23 AR-1248-3

R.T.: 6.756 min  
Delta R.T.: -0.002 min  
Response: 383976  
Conc: 221.39 ng/ml



#23 AR-1248-3

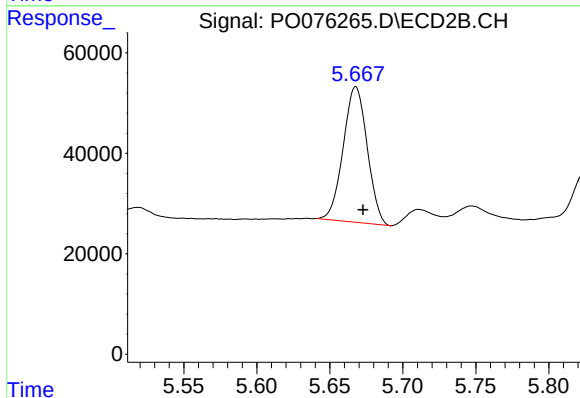
R.T.: 5.484 min  
Delta R.T.: -0.006 min  
Response: 142666  
Conc: 111.61 ng/ml



#24 AR-1248-4

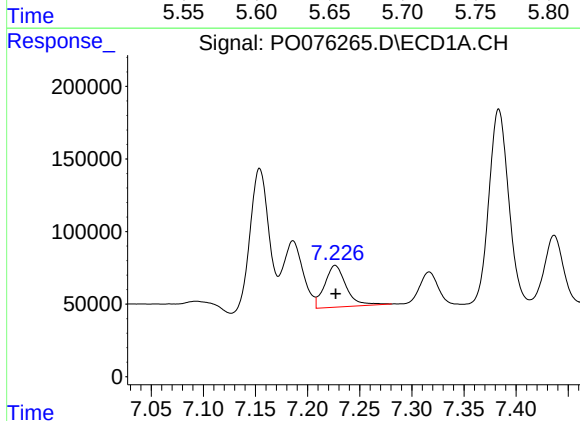
R.T.: 7.186 min  
Delta R.T.: -0.001 min  
Response: 630212  
Conc: 358.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



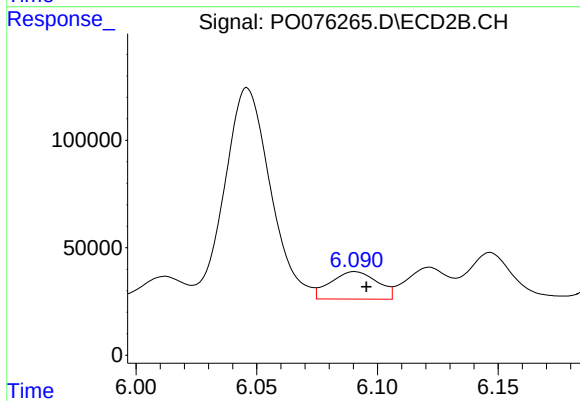
#24 AR-1248-4

R.T.: 5.668 min  
Delta R.T.: -0.005 min  
Response: 308735  
Conc: 209.96 ng/ml



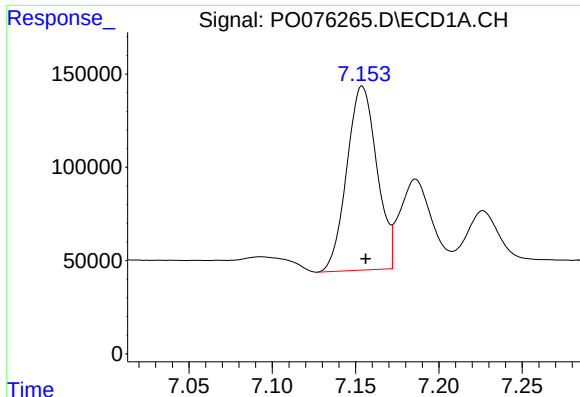
#25 AR-1248-5

R.T.: 7.226 min  
Delta R.T.: 0.000 min  
Response: 414786  
Conc: 234.52 ng/ml



#25 AR-1248-5

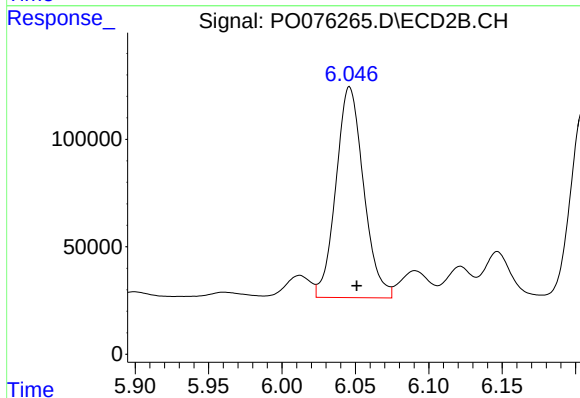
R.T.: 6.091 min  
Delta R.T.: -0.005 min  
Response: 172371  
Conc: 111.45 ng/ml



#26 AR-1254-1

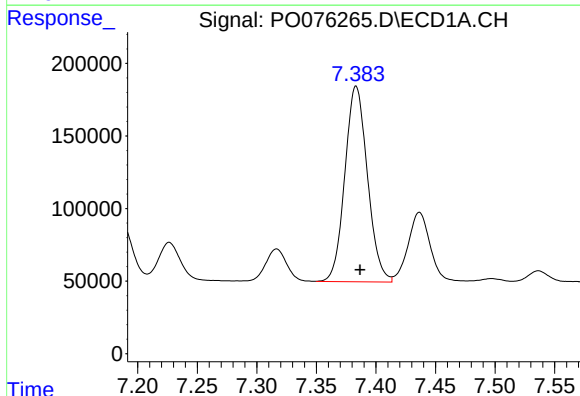
R.T.: 7.154 min  
Delta R.T.: -0.002 min  
Response: 1239295  
Conc: 604.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



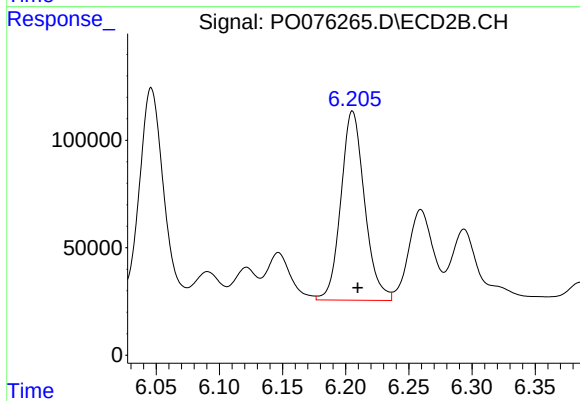
#26 AR-1254-1

R.T.: 6.046 min  
Delta R.T.: -0.005 min  
Response: 1283672  
Conc: 561.66 ng/ml



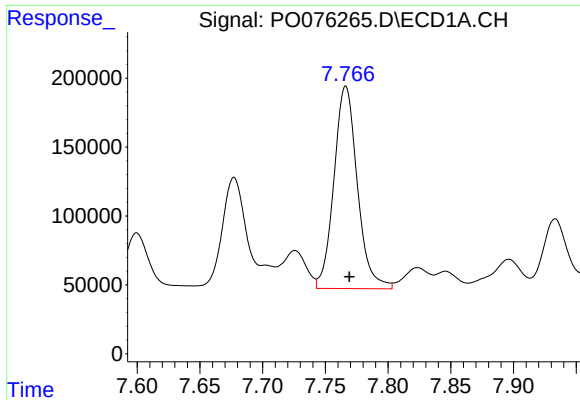
#27 AR-1254-2

R.T.: 7.383 min  
Delta R.T.: -0.003 min  
Response: 1780496  
Conc: 572.96 ng/ml



#27 AR-1254-2

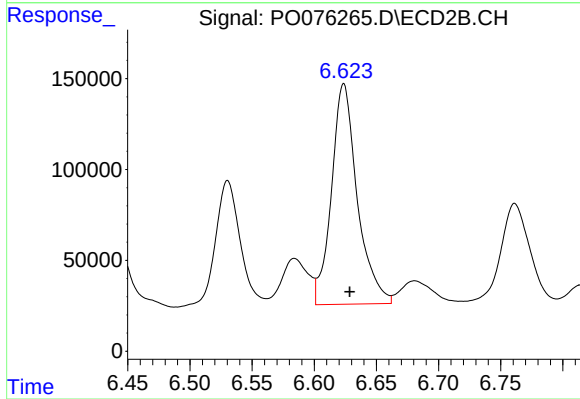
R.T.: 6.205 min  
Delta R.T.: -0.004 min  
Response: 1149395  
Conc: 580.34 ng/ml



#28 AR-1254-3

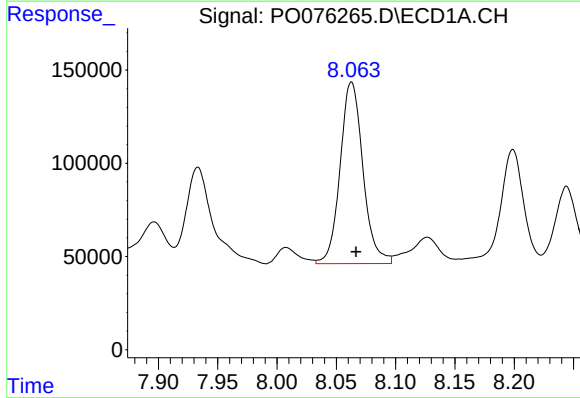
R.T.: 7.766 min  
Delta R.T.: -0.003 min  
Response: 1908627  
Conc: 599.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



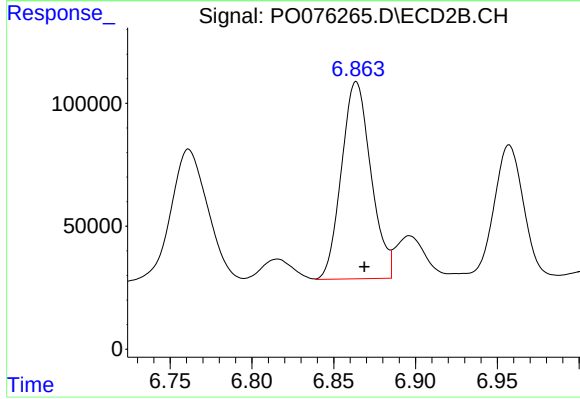
#28 AR-1254-3

R.T.: 6.624 min  
Delta R.T.: -0.005 min  
Response: 1754083  
Conc: 582.36 ng/ml



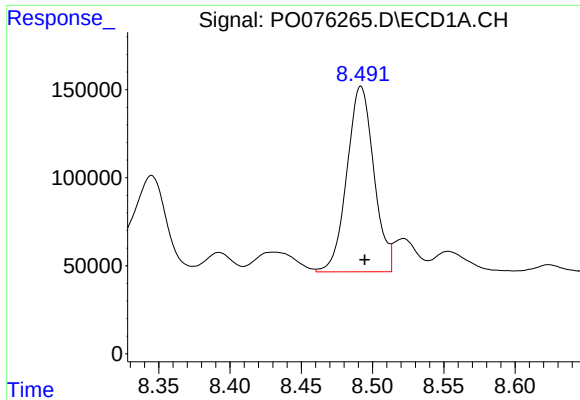
#29 AR-1254-4

R.T.: 8.063 min  
Delta R.T.: -0.004 min  
Response: 1308640  
Conc: 624.61 ng/ml



#29 AR-1254-4

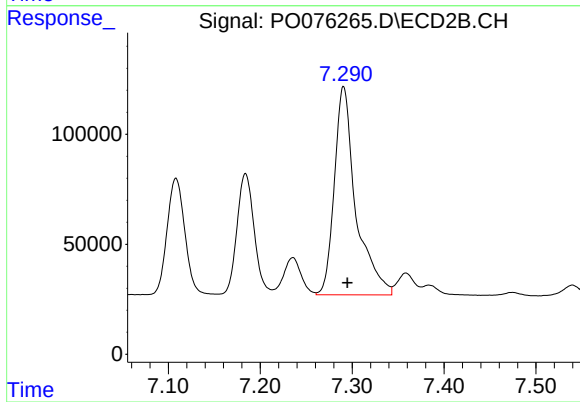
R.T.: 6.864 min  
Delta R.T.: -0.005 min  
Response: 1005412  
Conc: 569.74 ng/ml



#30 AR-1254-5

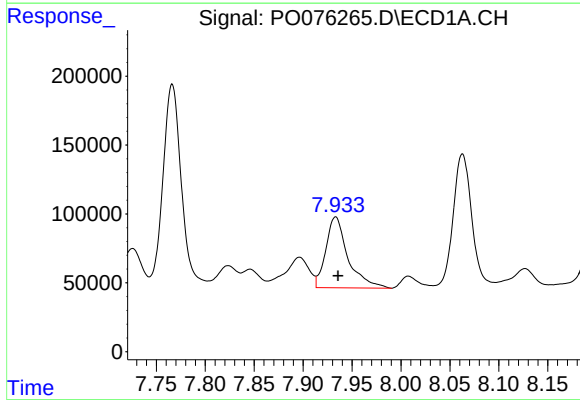
R.T.: 8.492 min  
Delta R.T.: -0.003 min  
Response: 1384442  
Conc: 602.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



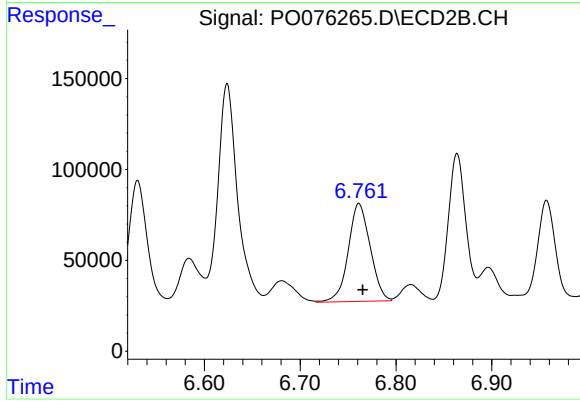
#30 AR-1254-5

R.T.: 7.291 min  
Delta R.T.: -0.004 min  
Response: 1540240  
Conc: 588.31 ng/ml



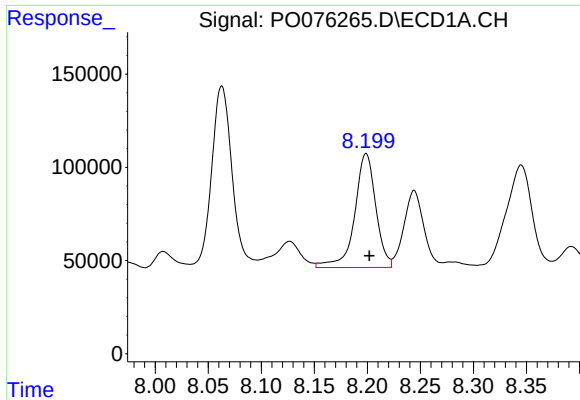
#31 AR-1260-1

R.T.: 7.933 min  
Delta R.T.: -0.003 min  
Response: 809530  
Conc: 348.18 ng/ml



#31 AR-1260-1

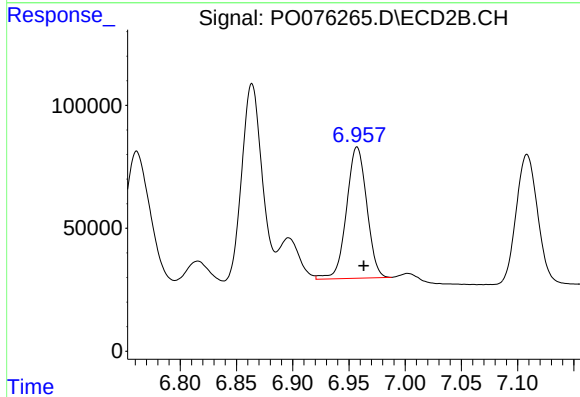
R.T.: 6.761 min  
Delta R.T.: -0.004 min  
Response: 855157  
Conc: 416.28 ng/ml



#32 AR-1260-2

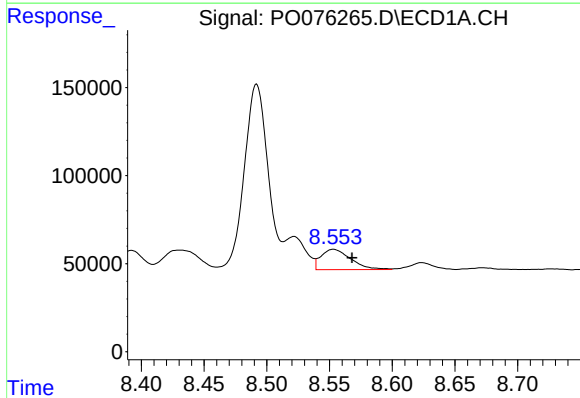
R.T.: 8.199 min  
Delta R.T.: -0.003 min  
Response: 847953  
Conc: 332.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



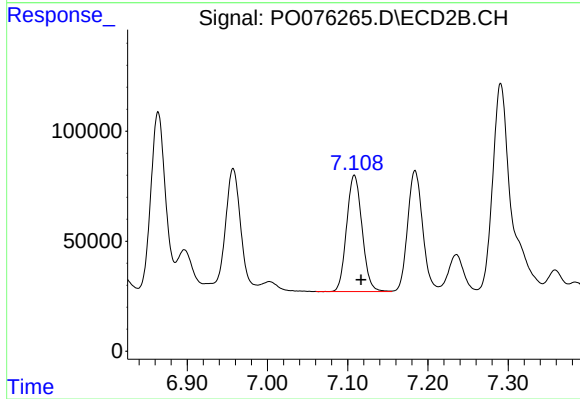
#32 AR-1260-2

R.T.: 6.957 min  
Delta R.T.: -0.006 min  
Response: 669325  
Conc: 275.98 ng/ml



#33 AR-1260-3

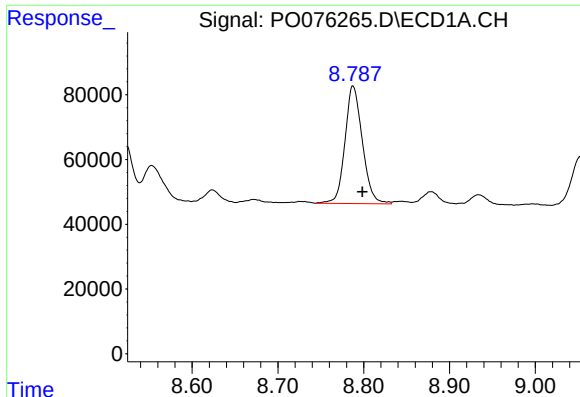
R.T.: 8.553 min  
Delta R.T.: -0.015 min  
Response: 190283  
Conc: 95.98 ng/ml



#33 AR-1260-3

R.T.: 7.108 min  
Delta R.T.: -0.008 min  
Response: 707133  
Conc: 312.66 ng/ml

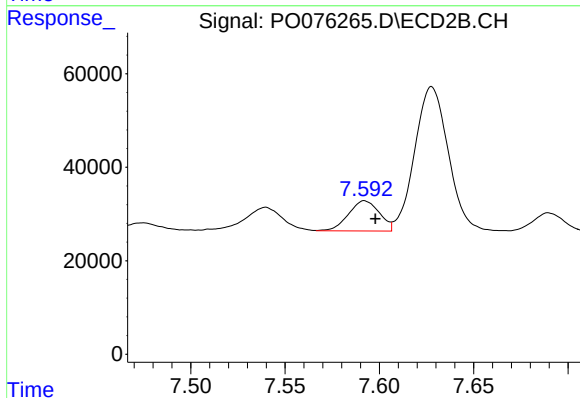




#34 AR-1260-4

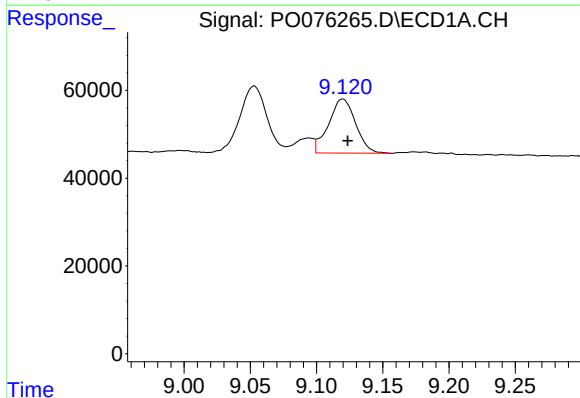
R.T.: 8.788 min  
Delta R.T.: -0.011 min  
Response: 511859  
Conc: 226.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



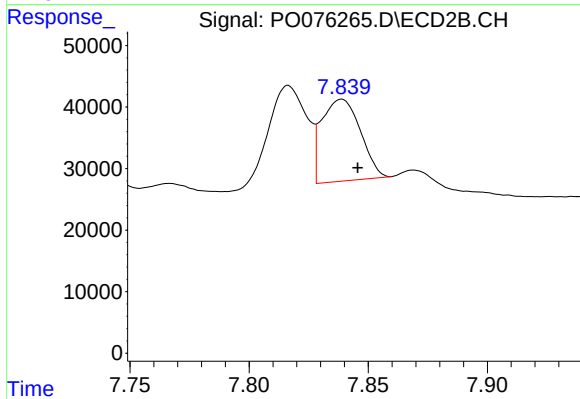
#34 AR-1260-4

R.T.: 7.592 min  
Delta R.T.: -0.006 min  
Response: 74052  
Conc: 38.43 ng/ml



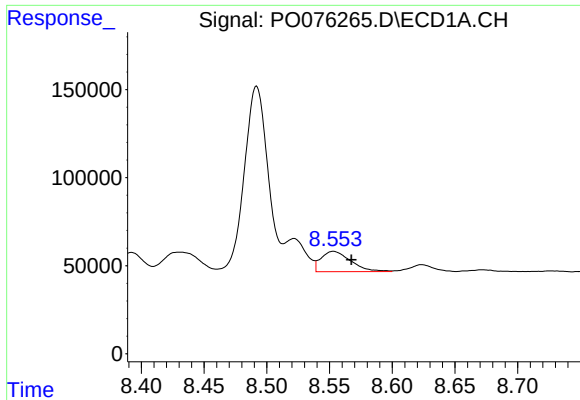
#35 AR-1260-5

R.T.: 9.120 min  
Delta R.T.: -0.004 min  
Response: 174702  
Conc: 42.74 ng/ml



#35 AR-1260-5

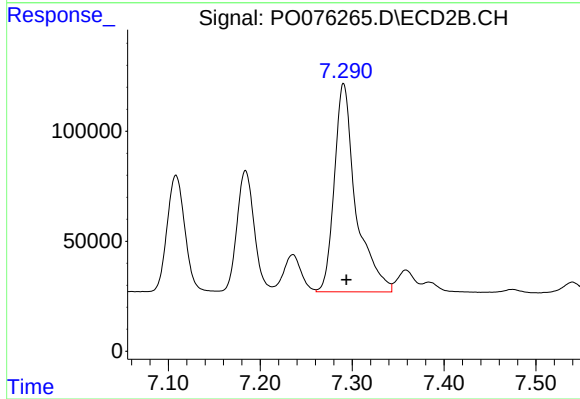
R.T.: 7.839 min  
Delta R.T.: -0.007 min  
Response: 150791  
Conc: 34.11 ng/ml



#36 AR-1262-1

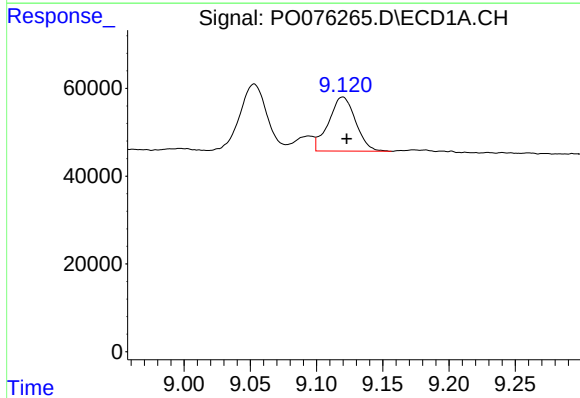
R.T.: 8.553 min  
Delta R.T.: -0.014 min  
Response: 190283  
Conc: 64.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



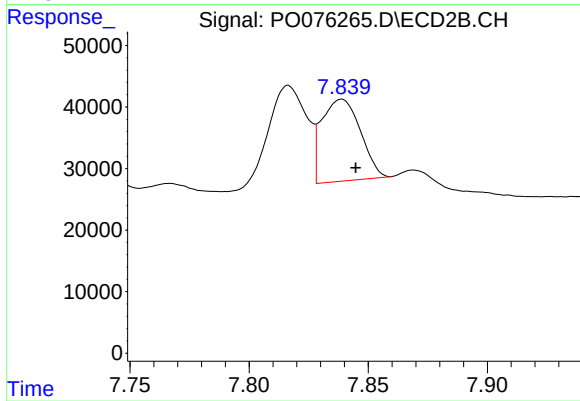
#36 AR-1262-1

R.T.: 7.291 min  
Delta R.T.: -0.003 min  
Response: 1540240  
Conc: 1054.67 ng/ml



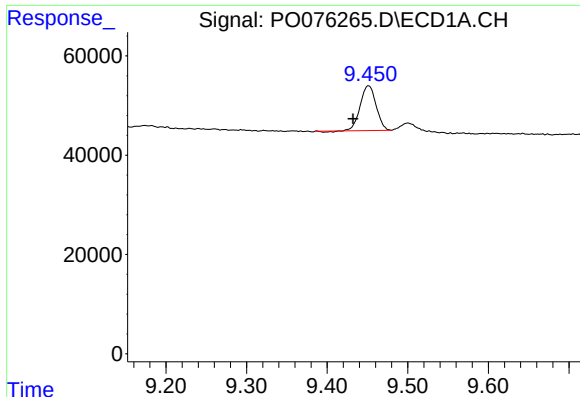
#37 AR-1262-2

R.T.: 9.120 min  
Delta R.T.: -0.003 min  
Response: 174702  
Conc: 36.09 ng/ml



#37 AR-1262-2

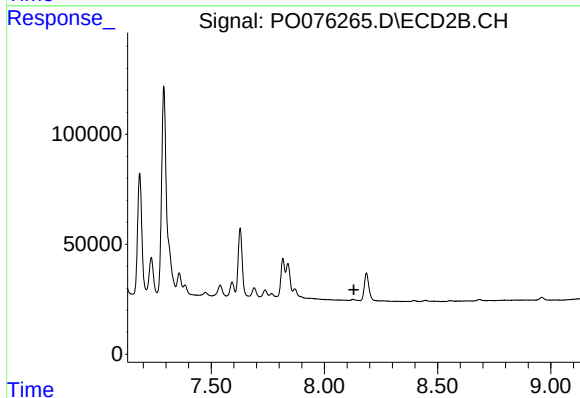
R.T.: 7.839 min  
Delta R.T.: -0.006 min  
Response: 150791  
Conc: 30.44 ng/ml



#38 AR-1262-3

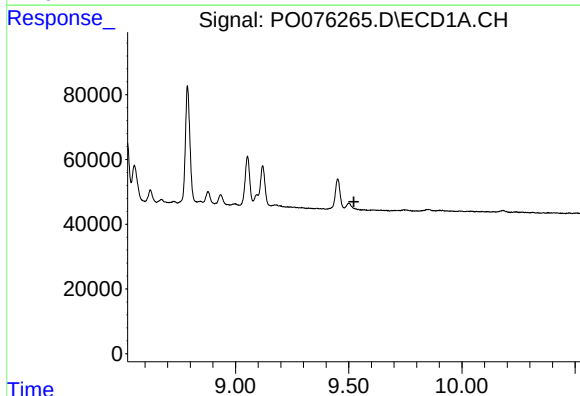
R.T.: 9.451 min  
Delta R.T.: 0.019 min  
Response: 122533  
Conc: 37.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



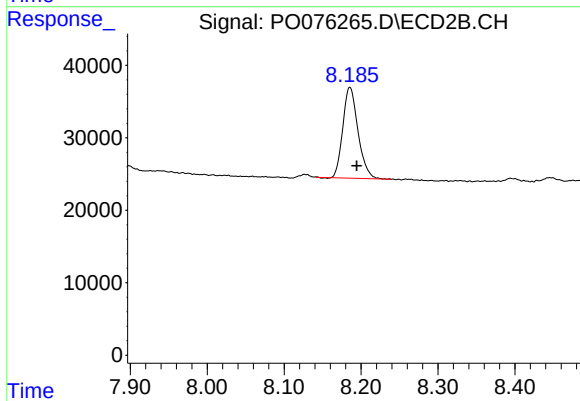
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.131 min  
Response: 0  
Conc: N.D.



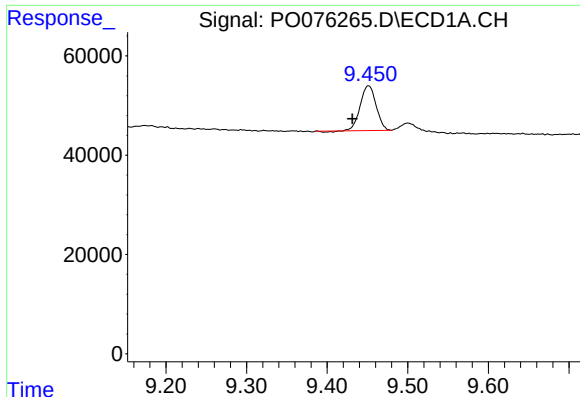
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 9.523 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

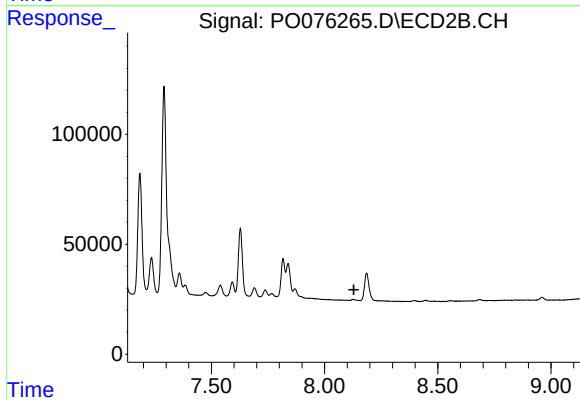
R.T.: 8.186 min  
Delta R.T.: -0.009 min  
Response: 171017  
Conc: 45.22 ng/ml



#41 AR-1268-1

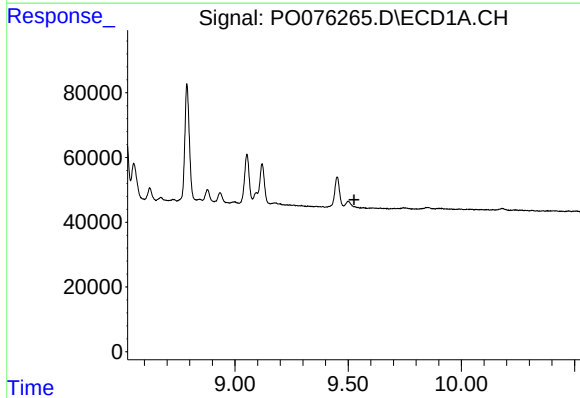
R.T.: 9.451 min  
Delta R.T.: 0.020 min  
Response: 122533  
Conc: 21.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



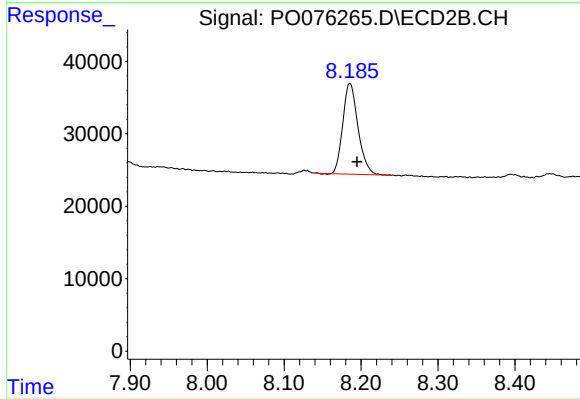
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.129 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 9.526 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.186 min  
Delta R.T.: -0.009 min  
Response: 171017  
Conc: 32.11 ng/ml