

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0082719\  
 Data File : P0059915.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 27 Aug 2019 23:05  
 Operator : SM/AJ  
 Sample : K4527-14  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 T9-12-13-O-(0-1.9)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 28 04:32:58 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0081719.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Aug 17 03:09:44 2019  
 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... | 4.126 | 3.501 | 1161744 | 1039594 | 33.181   | 28.881     |
| 2)                          | SA Decachlor... | 9.602 | 8.365 | 884283  | 792563  | 16.622   | 19.656     |
|                             |                 |       |       |         |         |          |            |
| Target Compounds            |                 |       |       |         |         |          |            |
| 8)                          | L2 AR-1221-1    | 0.000 | 3.704 | 0       | 30583   | N.D.     | 76.194 #   |
| 10)                         | L2 AR-1221-3    | 4.575 | 3.909 | 1138267 | 980303  | 1082.144 | 1001.897   |
| 11)                         | L3 AR-1232-1    | 4.575 | 3.909 | 1138267 | 980303  | 913.219  | 859.818    |
| 14)                         | L3 AR-1232-4    | 5.541 | 0.000 | 86234   | 0       | 110.290  | N.D. #     |
| 15)                         | L3 AR-1232-5    | 5.541 | 0.000 | 86234   | 0       | 143.453  | N.D. #     |
| 19)                         | L4 AR-1242-4    | 5.541 | 0.000 | 86234   | 0       | 89.096   | N.D. #     |
| 20)                         | L4 AR-1242-5    | 6.182 | 5.330 | 447345  | 964181  | 355.997  | 861.951 #  |
| 22)                         | L5 AR-1248-2    | 5.541 | 0.000 | 86234   | 0       | 59.434   | N.D. #     |
| 24)                         | L5 AR-1248-4    | 6.140 | 0.000 | 153749  | 0       | 75.216   | N.D. #     |
| 25)                         | L5 AR-1248-5    | 6.182 | 5.402 | 447345  | 188025  | 225.581  | 131.368 #  |
| 26)                         | L6 AR-1254-1    | 6.112 | 5.330 | 1280485 | 964181  | 613.724  | 406.518 #  |
| 27)                         | L6 AR-1254-2    | 6.329 | 5.477 | 2090498 | 1094685 | 626.601  | 521.700    |
| 28)                         | L6 AR-1254-3    | 6.694 | 5.873 | 5792719 | 4845201 | 1632.460 | 1440.948   |
| 29)                         | L6 AR-1254-4    | 6.977 | 6.099 | 2095608 | 1098285 | 711.452  | 532.675 #  |
| 30)                         | L6 AR-1254-5    | 7.393 | 6.508 | 9594170 | 7185017 | 3102.504 | 2314.035 # |
| 31)                         | L7 AR-1260-1    | 6.851 | 5.998 | 3557013 | 2828794 | 1319.456 | 1241.295   |
| 32)                         | L7 AR-1260-2    | 7.108 | 6.186 | 5222595 | 3503972 | 1407.526 | 1195.946   |
| 33)                         | L7 AR-1260-3    | 7.460 | 6.334 | 2132850 | 3278060 | 650.987  | 1237.407 # |
| 34)                         | L7 AR-1260-4    | 7.685 | 6.797 | 4426237 | 1009089 | 1441.151 | 445.990 #  |
| 35)                         | L7 AR-1260-5    | 7.997 | 7.042 | 4492732 | 3720723 | 634.485  | 676.087    |
| 36)                         | L8 AR-1262-1    | 7.460 | 6.575 | 2132850 | 461297  | 439.500  | 123.753 #  |
| 37)                         | L8 AR-1262-2    | 8.041 | 7.042 | 243795  | 3720723 | 31.596   | 632.878 #  |
| 38)                         | L8 AR-1262-3    | 8.299 | 7.315 | 3167375 | 560834  | 620.773  | 220.717 #  |
| 39)                         | L8 AR-1262-4    | 8.343 | 7.380 | 1385579 | 2502538 | 359.449  | 566.320 #  |
| 40)                         | L8 AR-1262-5    | 8.954 | 7.868 | 1005884 | 1593907 | 391.919  | 882.777 #  |
| 41)                         | L9 AR-1268-1    | 8.299 | 7.315 | 3167375 | 560834  | 336.573  | 78.759 #   |
| 42)                         | L9 AR-1268-2    | 8.343 | 7.380 | 1385579 | 2502538 | 175.775  | 388.110 #  |
| 43)                         | L9 AR-1268-3    | 8.570 | 7.549 | 304539  | 30240   | 43.204   | 5.527 #    |
| 44)                         | L9 AR-1268-4    | 8.954 | 7.868 | 1005884 | 1593907 | 361.823  | 780.832 #  |
| 45)                         | L9 AR-1268-5    | 9.315 | 8.141 | 479627  | 248257  | 26.007   | 17.086 #   |
| -----                       |                 |       |       |         |         |          |            |

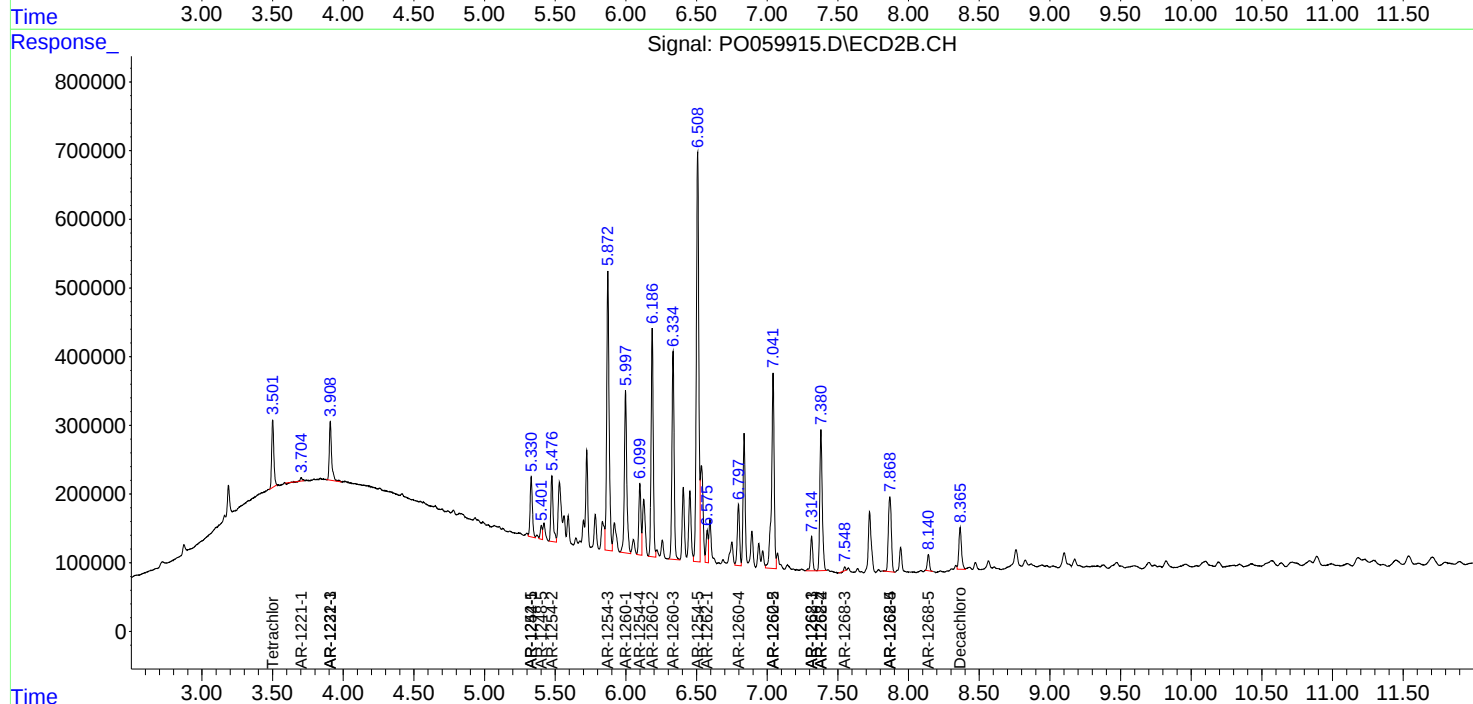
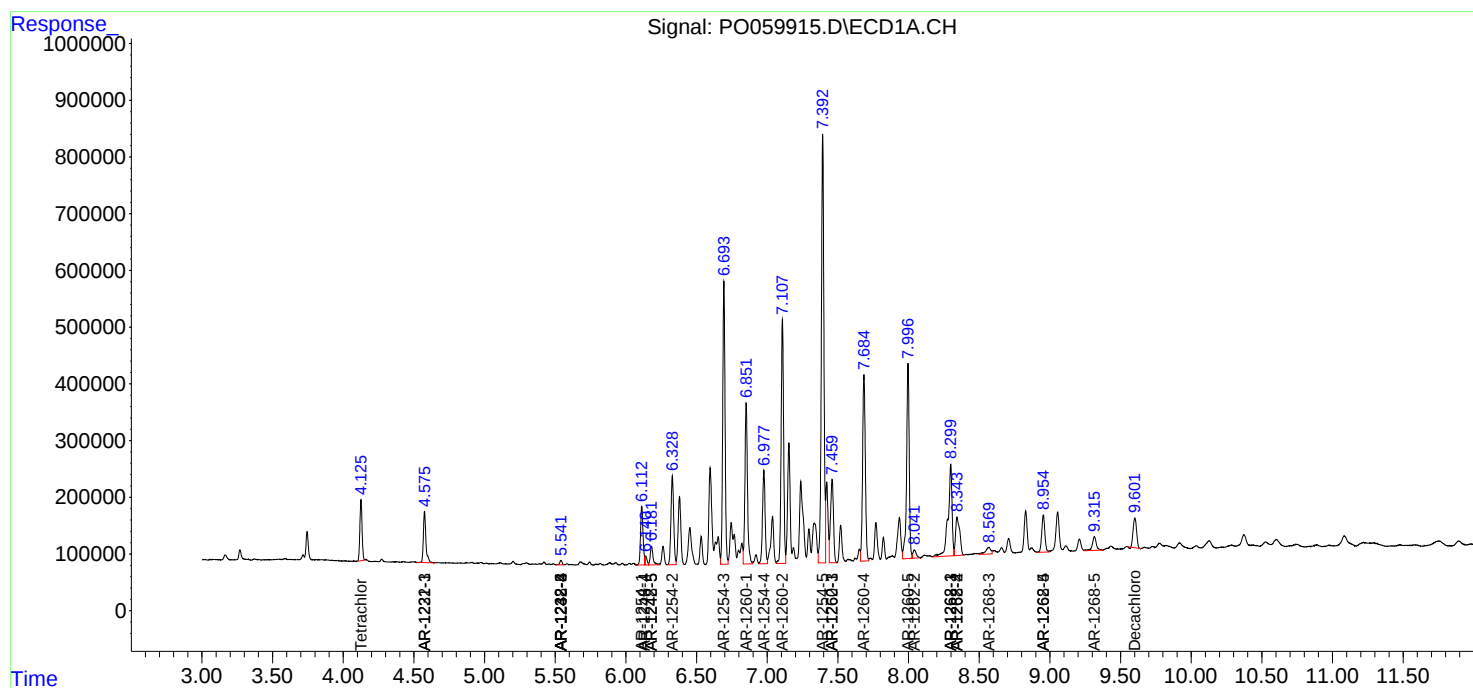
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

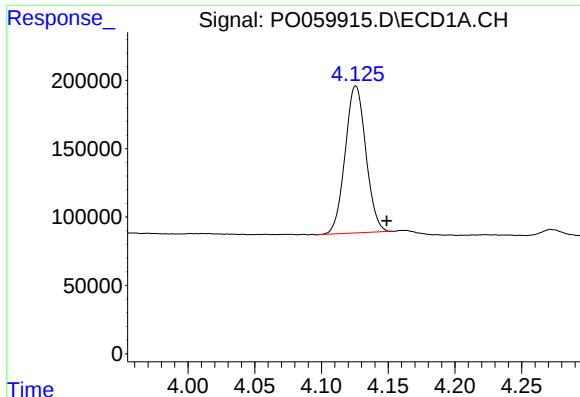
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO082719\  
Data File : PO059915.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 27 Aug 2019 23:05  
Operator : SM/AJ  
Sample : K4527-14  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 28 04:32:58 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO081719.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Aug 17 03:09:44 2019  
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

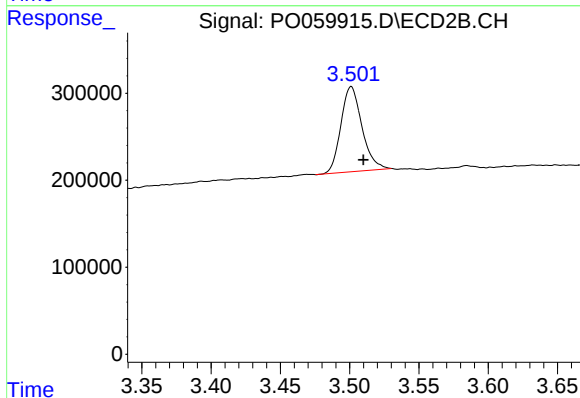




#1 Tetrachloro-m-xylene

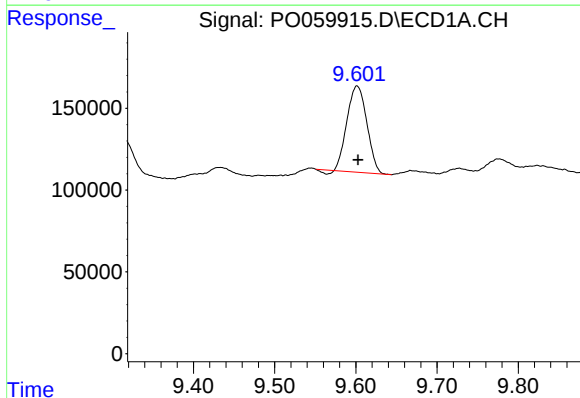
R.T.: 4.126 min  
Delta R.T.: -0.023 min  
Response: 1161744  
Conc: 33.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



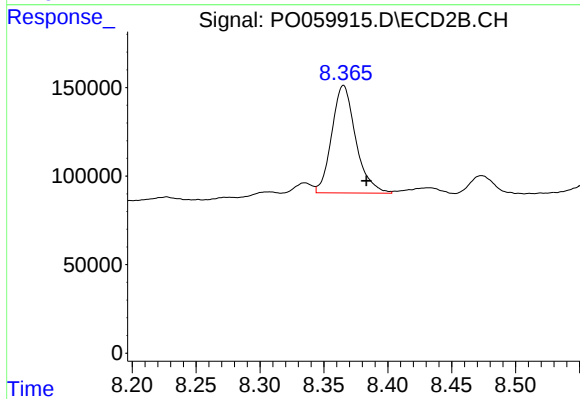
#1 Tetrachloro-m-xylene

R.T.: 3.501 min  
Delta R.T.: -0.009 min  
Response: 1039594  
Conc: 28.88 ng/ml



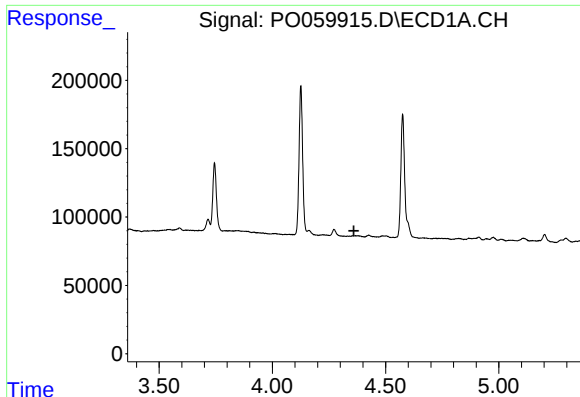
#2 Decachlorobiphenyl

R.T.: 9.602 min  
Delta R.T.: -0.001 min  
Response: 884283  
Conc: 16.62 ng/ml



#2 Decachlorobiphenyl

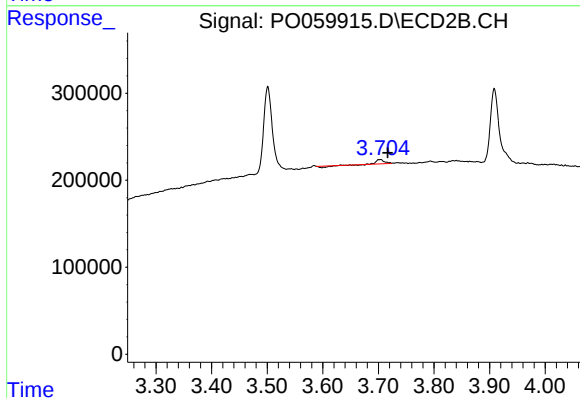
R.T.: 8.365 min  
Delta R.T.: -0.018 min  
Response: 792563  
Conc: 19.66 ng/ml



#8 AR-1221-1

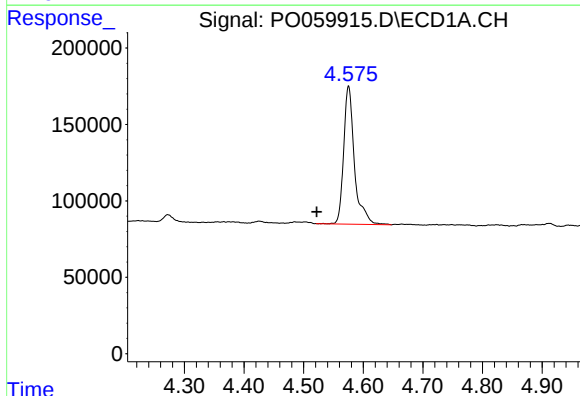
R.T.: 0.000 min  
Exp R.T.: 4.360 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



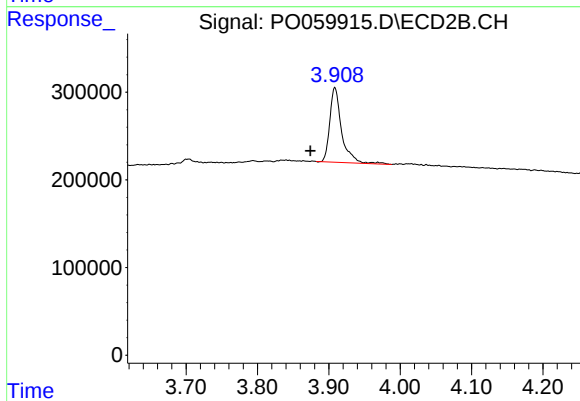
#8 AR-1221-1

R.T.: 3.704 min  
Delta R.T.: -0.013 min  
Response: 30583  
Conc: 76.19 ng/ml



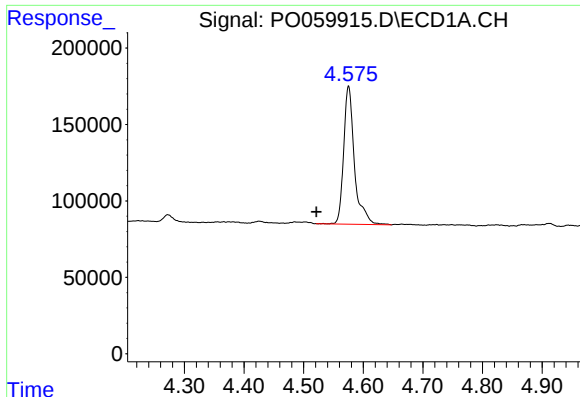
#10 AR-1221-3

R.T.: 4.575 min  
Delta R.T.: 0.054 min  
Response: 1138267  
Conc: 1082.14 ng/ml



#10 AR-1221-3

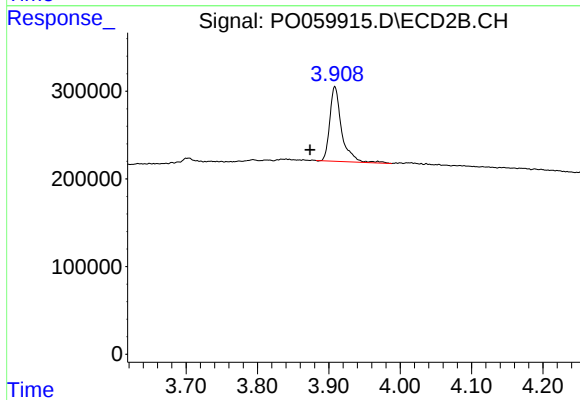
R.T.: 3.909 min  
Delta R.T.: 0.034 min  
Response: 980303  
Conc: 1001.90 ng/ml



#11 AR-1232-1

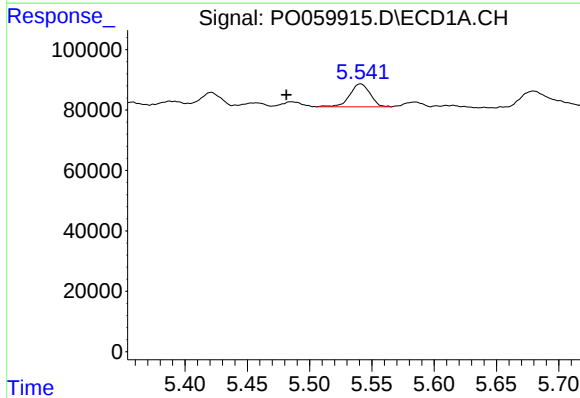
R.T.: 4.575 min  
Delta R.T.: 0.054 min  
Response: 1138267  
Conc: 913.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



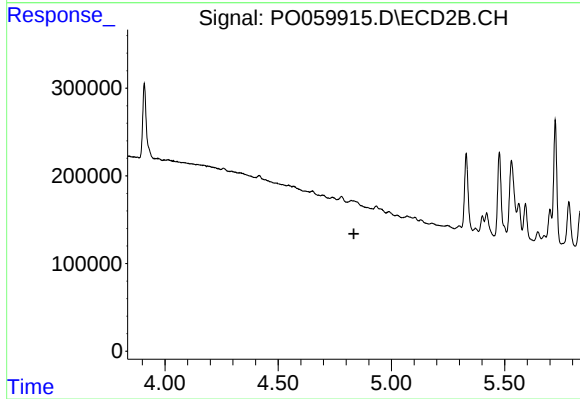
#11 AR-1232-1

R.T.: 3.909 min  
Delta R.T.: 0.035 min  
Response: 980303  
Conc: 859.82 ng/ml



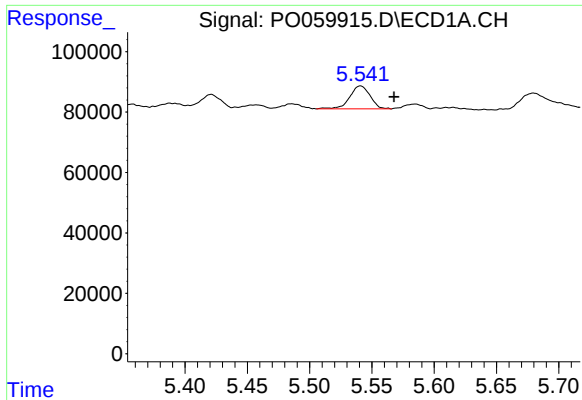
#14 AR-1232-4

R.T.: 5.541 min  
Delta R.T.: 0.059 min  
Response: 86234  
Conc: 110.29 ng/ml



#14 AR-1232-4

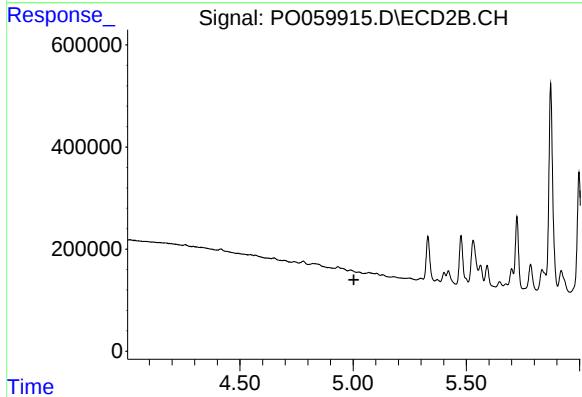
R.T.: 0.000 min  
Exp R.T.: 4.834 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

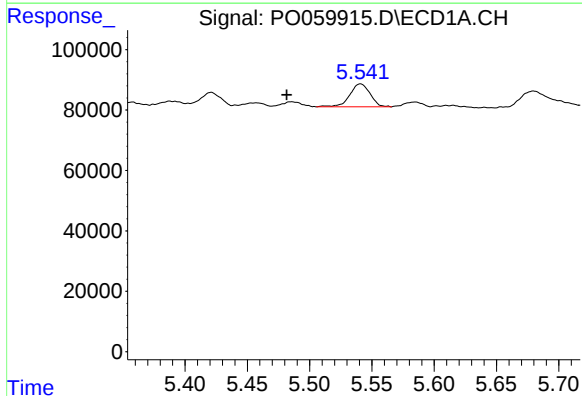
R.T.: 5.541 min  
Delta R.T.: -0.027 min  
Response: 86234  
Conc: 143.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



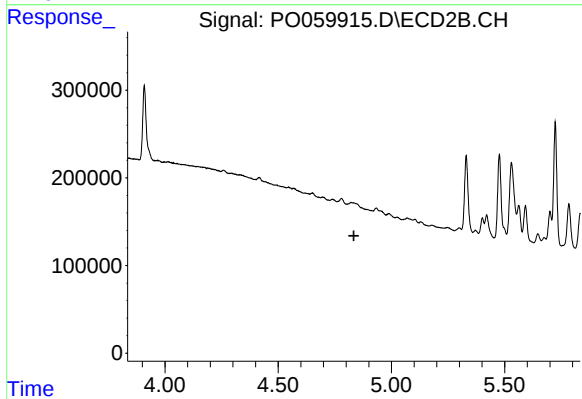
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.004 min  
Response: 0  
Conc: N.D.



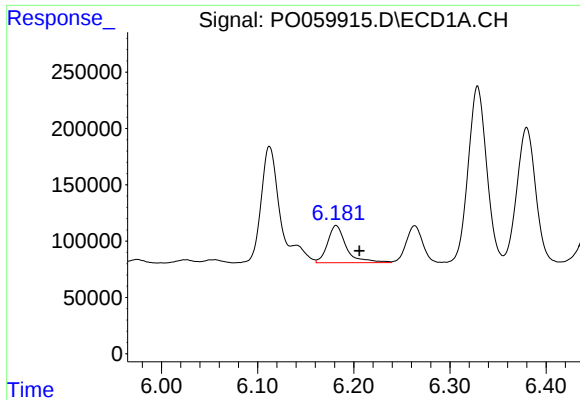
#19 AR-1242-4

R.T.: 5.541 min  
Delta R.T.: 0.059 min  
Response: 86234  
Conc: 89.10 ng/ml



#19 AR-1242-4

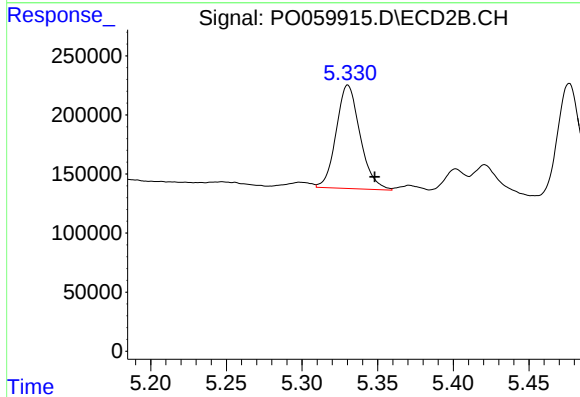
R.T.: 0.000 min  
Exp R.T. : 4.834 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

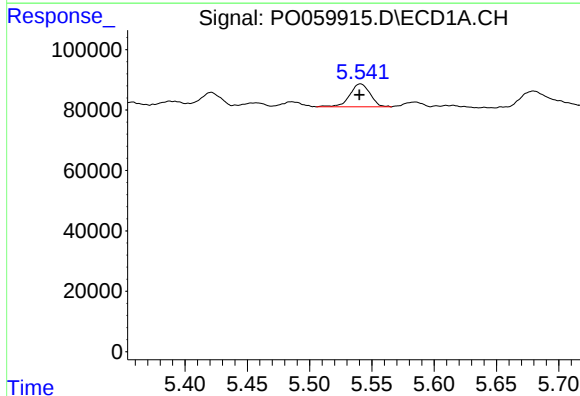
R.T.: 6.182 min  
Delta R.T.: -0.024 min  
Response: 447345  
Conc: 356.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



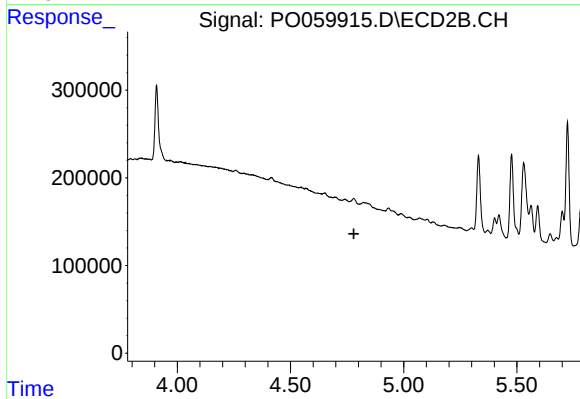
#20 AR-1242-5

R.T.: 5.330 min  
Delta R.T.: -0.018 min  
Response: 964181  
Conc: 861.95 ng/ml



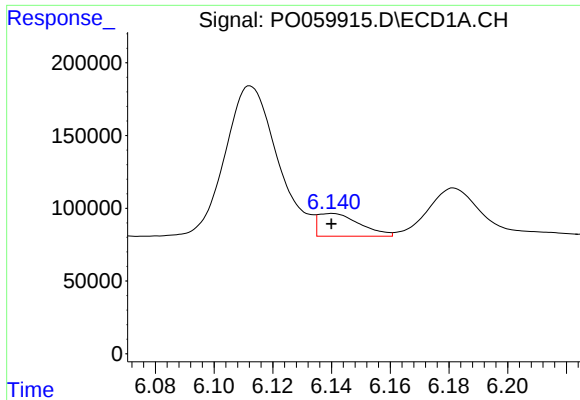
#22 AR-1248-2

R.T.: 5.541 min  
Delta R.T.: 0.000 min  
Response: 86234  
Conc: 59.43 ng/ml



#22 AR-1248-2

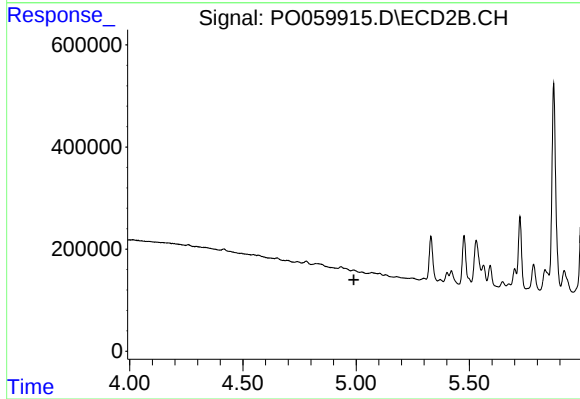
R.T.: 0.000 min  
Exp R.T.: 4.780 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

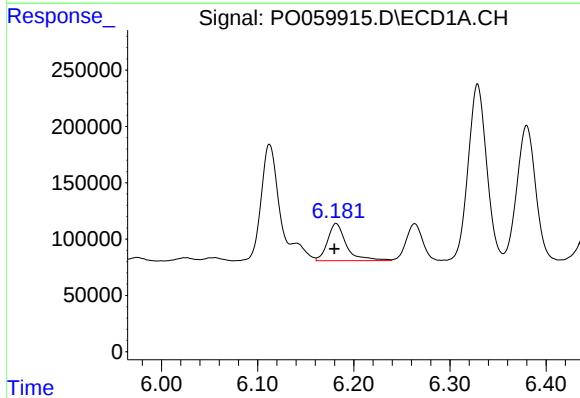
R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 153749  
Conc: 75.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



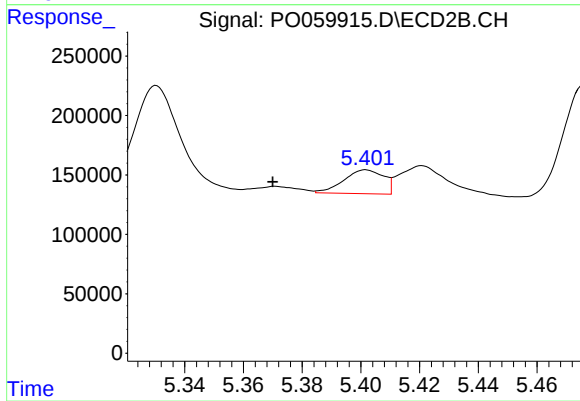
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 4.990 min  
Response: 0  
Conc: N.D.



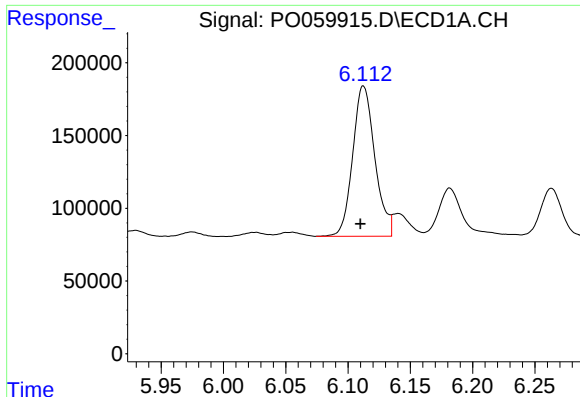
#25 AR-1248-5

R.T.: 6.182 min  
Delta R.T.: 0.002 min  
Response: 447345  
Conc: 225.58 ng/ml



#25 AR-1248-5

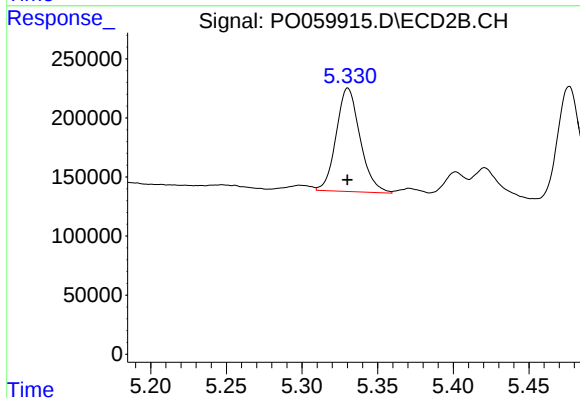
R.T.: 5.402 min  
Delta R.T.: 0.032 min  
Response: 188025  
Conc: 131.37 ng/ml



#26 AR-1254-1

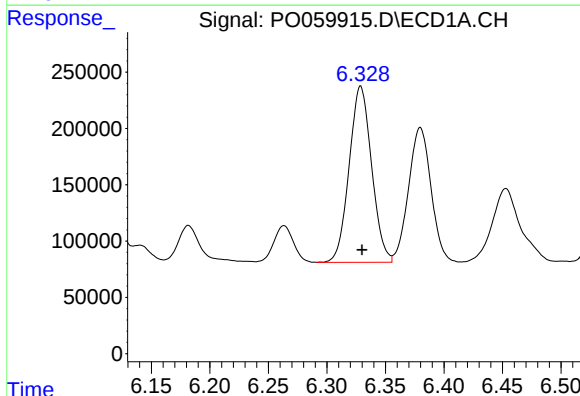
R.T.: 6.112 min  
Delta R.T.: 0.002 min  
Response: 1280485  
Conc: 613.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



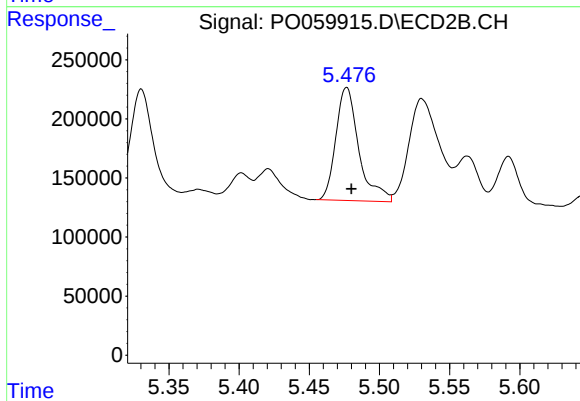
#26 AR-1254-1

R.T.: 5.330 min  
Delta R.T.: 0.000 min  
Response: 964181  
Conc: 406.52 ng/ml



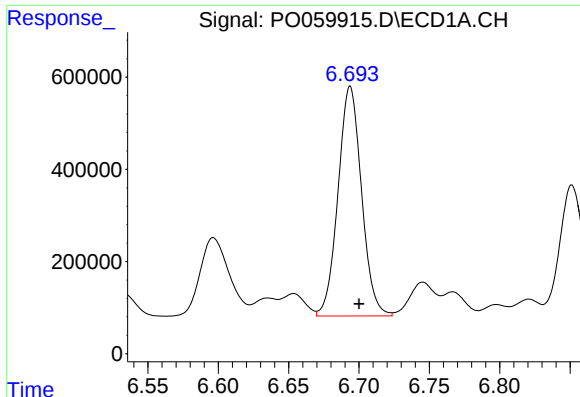
#27 AR-1254-2

R.T.: 6.329 min  
Delta R.T.: -0.001 min  
Response: 2090498  
Conc: 626.60 ng/ml



#27 AR-1254-2

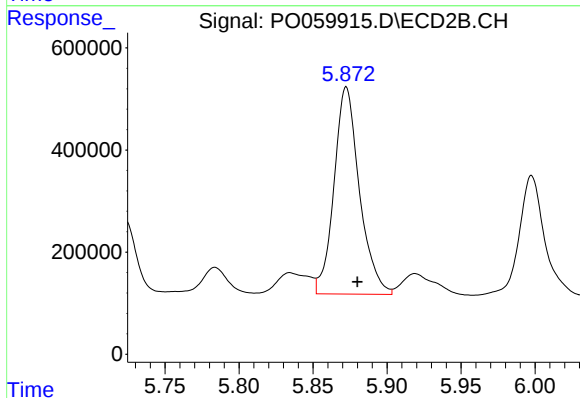
R.T.: 5.477 min  
Delta R.T.: -0.003 min  
Response: 1094685  
Conc: 521.70 ng/ml



#28 AR-1254-3

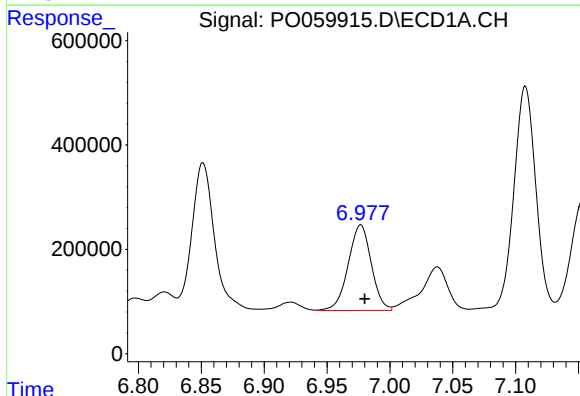
R.T.: 6.694 min  
Delta R.T.: -0.006 min  
Response: 5792719  
Conc: 1632.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



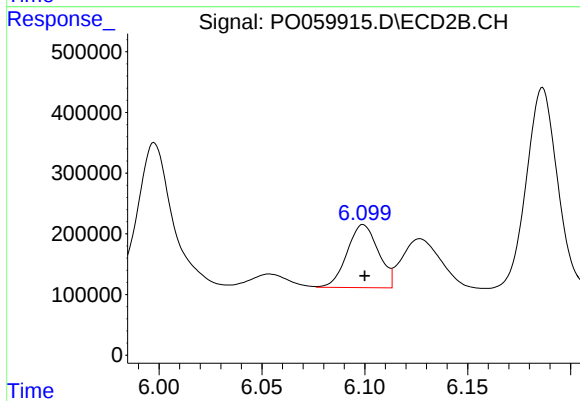
#28 AR-1254-3

R.T.: 5.873 min  
Delta R.T.: -0.007 min  
Response: 4845201  
Conc: 1440.95 ng/ml



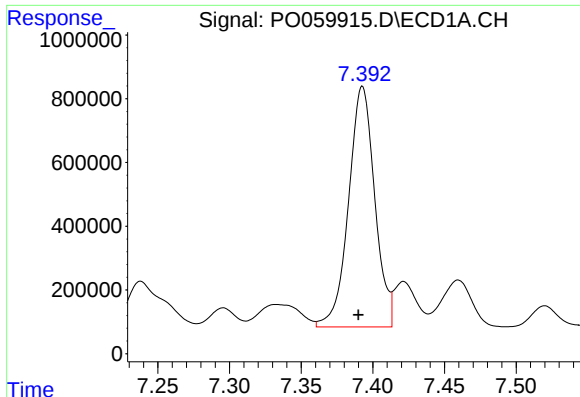
#29 AR-1254-4

R.T.: 6.977 min  
Delta R.T.: -0.003 min  
Response: 2095608  
Conc: 711.45 ng/ml



#29 AR-1254-4

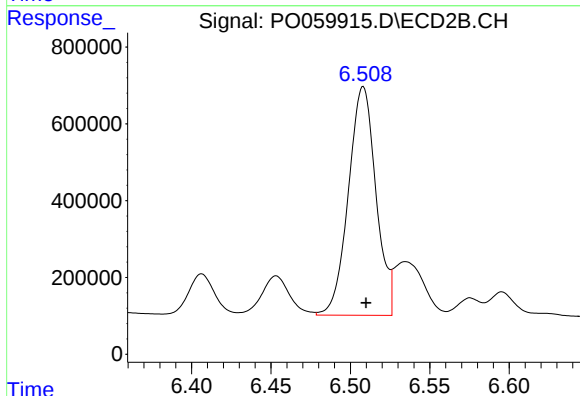
R.T.: 6.099 min  
Delta R.T.: 0.000 min  
Response: 1098285  
Conc: 532.68 ng/ml



#30 AR-1254-5

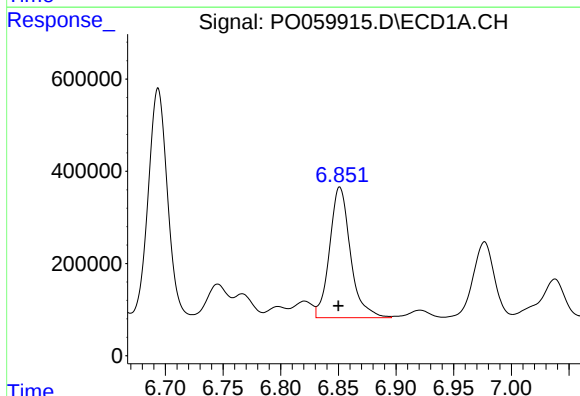
R.T.: 7.393 min  
Delta R.T.: 0.003 min  
Response: 9594170  
Conc: 3102.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



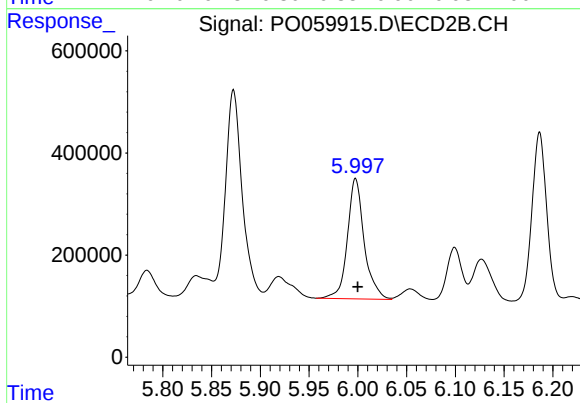
#30 AR-1254-5

R.T.: 6.508 min  
Delta R.T.: -0.002 min  
Response: 7185017  
Conc: 2314.03 ng/ml



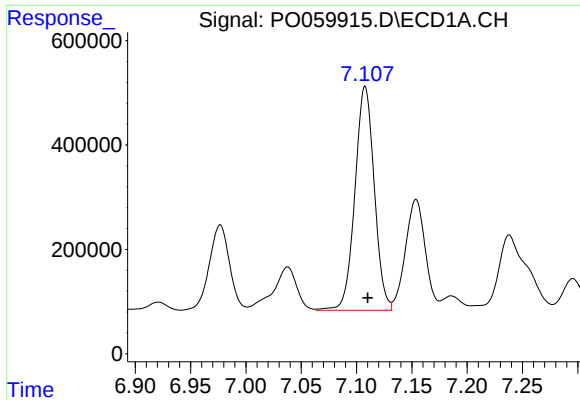
#31 AR-1260-1

R.T.: 6.851 min  
Delta R.T.: 0.001 min  
Response: 3557013  
Conc: 1319.46 ng/ml



#31 AR-1260-1

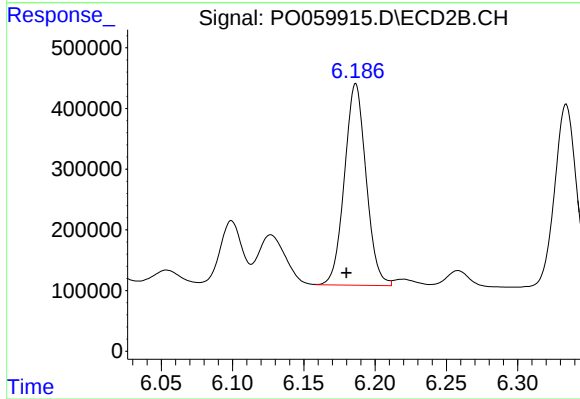
R.T.: 5.998 min  
Delta R.T.: -0.002 min  
Response: 2828794  
Conc: 1241.29 ng/ml



#32 AR-1260-2

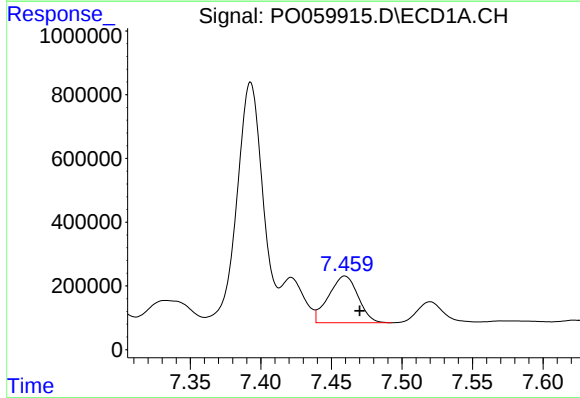
R.T.: 7.108 min  
Delta R.T.: -0.002 min  
Response: 5222595  
Conc: 1407.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



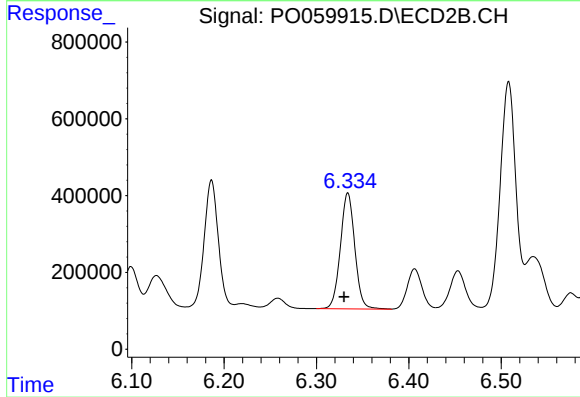
#32 AR-1260-2

R.T.: 6.186 min  
Delta R.T.: 0.006 min  
Response: 3503972  
Conc: 1195.95 ng/ml



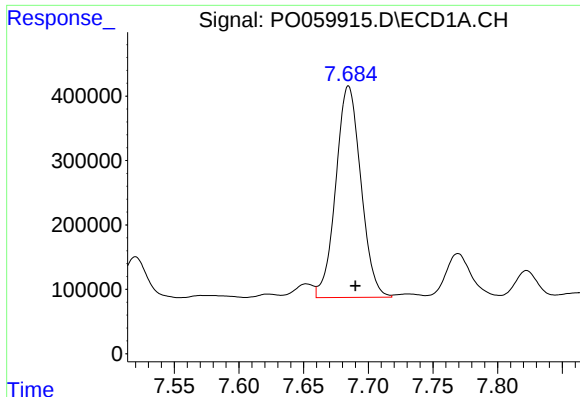
#33 AR-1260-3

R.T.: 7.460 min  
Delta R.T.: -0.010 min  
Response: 2132850  
Conc: 650.99 ng/ml



#33 AR-1260-3

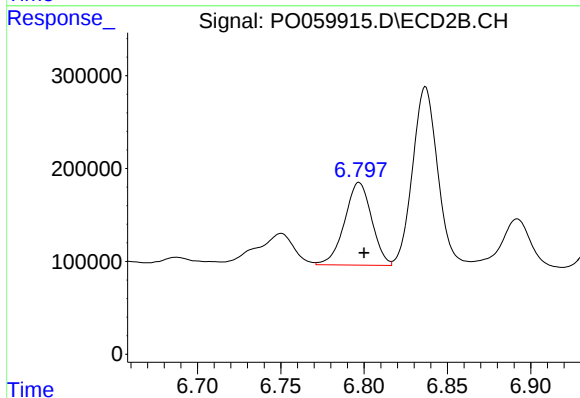
R.T.: 6.334 min  
Delta R.T.: 0.004 min  
Response: 3278060  
Conc: 1237.41 ng/ml



#34 AR-1260-4

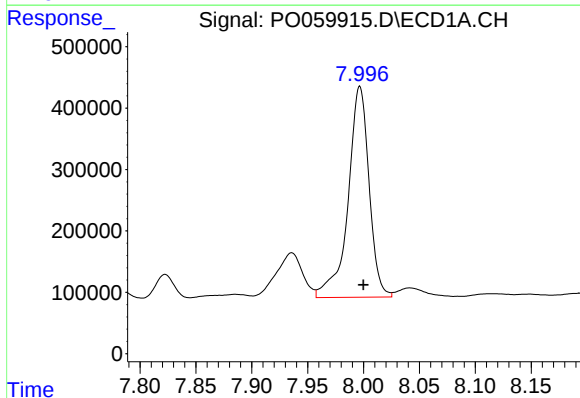
R.T.: 7.685 min  
Delta R.T.: -0.005 min  
Response: 4426237  
Conc: 1441.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



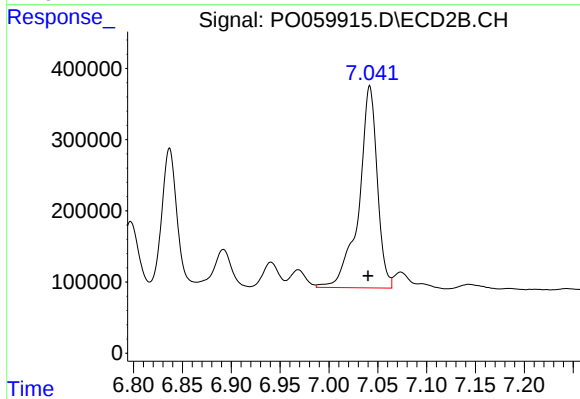
#34 AR-1260-4

R.T.: 6.797 min  
Delta R.T.: -0.003 min  
Response: 1009089  
Conc: 445.99 ng/ml



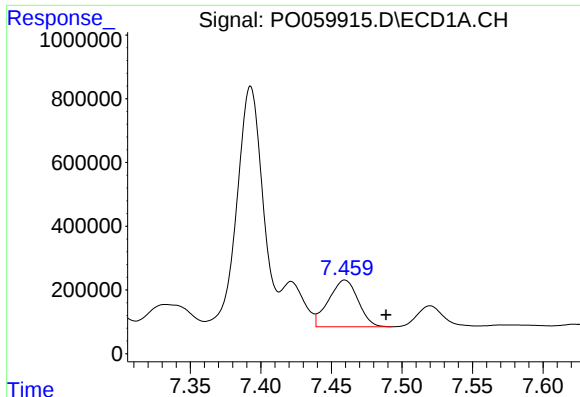
#35 AR-1260-5

R.T.: 7.997 min  
Delta R.T.: -0.003 min  
Response: 4492732  
Conc: 634.49 ng/ml



#35 AR-1260-5

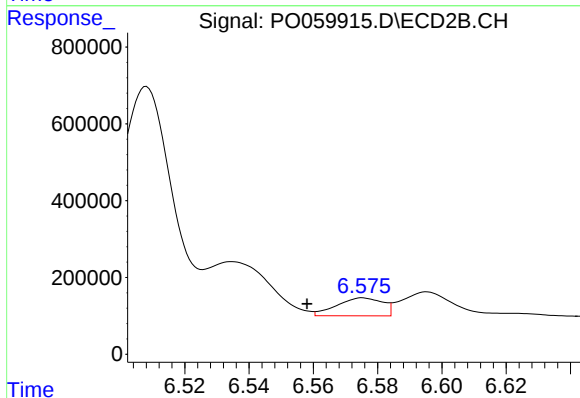
R.T.: 7.042 min  
Delta R.T.: 0.002 min  
Response: 3720723  
Conc: 676.09 ng/ml



#36 AR-1262-1

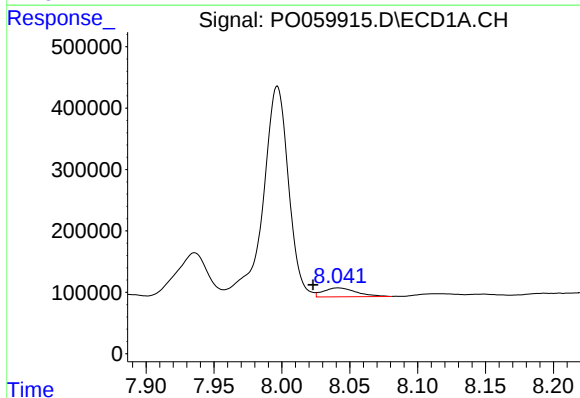
R.T.: 7.460 min  
Delta R.T.: -0.029 min  
Response: 2132850  
Conc: 439.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



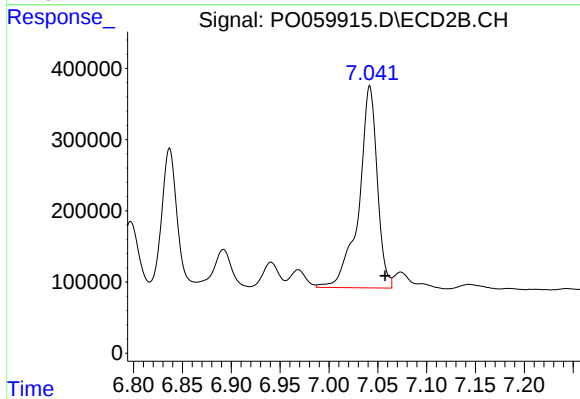
#36 AR-1262-1

R.T.: 6.575 min  
Delta R.T.: 0.017 min  
Response: 461297  
Conc: 123.75 ng/ml



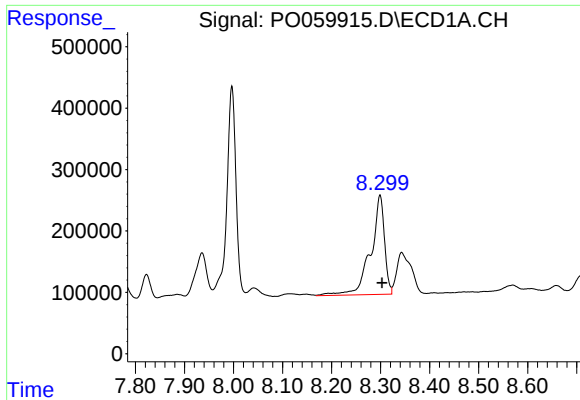
#37 AR-1262-2

R.T.: 8.041 min  
Delta R.T.: 0.018 min  
Response: 243795  
Conc: 31.60 ng/ml



#37 AR-1262-2

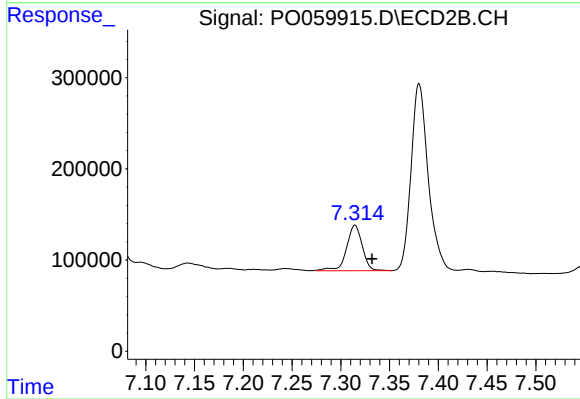
R.T.: 7.042 min  
Delta R.T.: -0.016 min  
Response: 3720723  
Conc: 632.88 ng/ml



#38 AR-1262-3

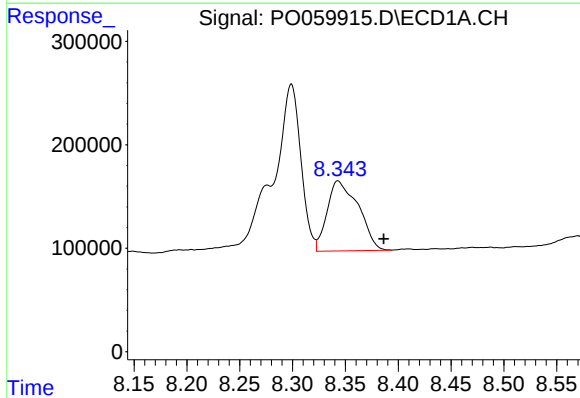
R.T.: 8.299 min  
Delta R.T.: -0.004 min  
Response: 3167375  
Conc: 620.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



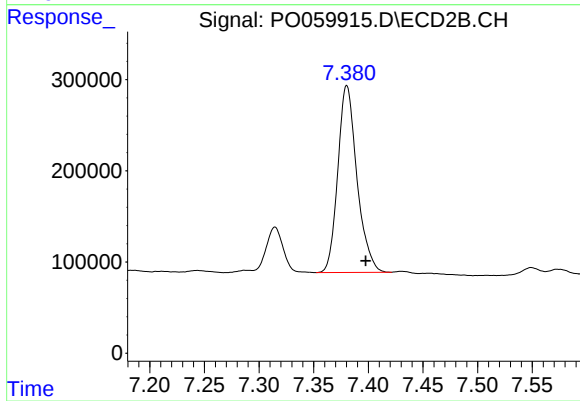
#38 AR-1262-3

R.T.: 7.315 min  
Delta R.T.: -0.018 min  
Response: 560834  
Conc: 220.72 ng/ml



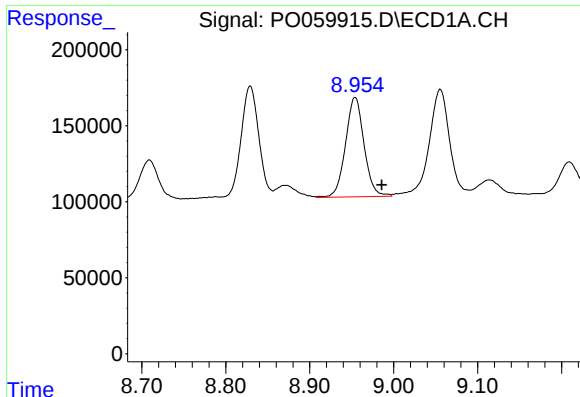
#39 AR-1262-4

R.T.: 8.343 min  
Delta R.T.: -0.043 min  
Response: 1385579  
Conc: 359.45 ng/ml



#39 AR-1262-4

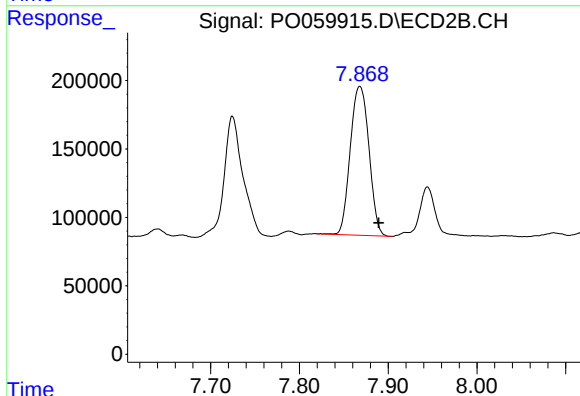
R.T.: 7.380 min  
Delta R.T.: -0.017 min  
Response: 2502538  
Conc: 566.32 ng/ml



#40 AR-1262-5

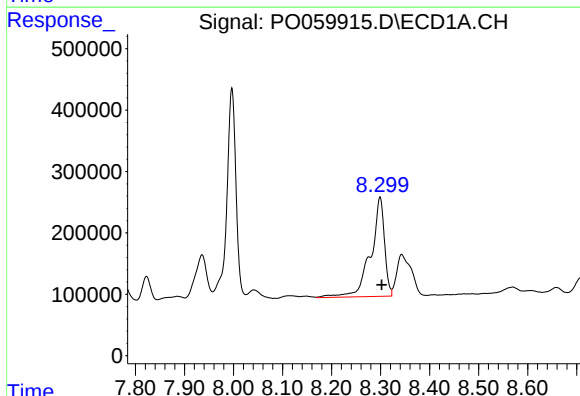
R.T.: 8.954 min  
Delta R.T.: -0.032 min  
Response: 1005884  
Conc: 391.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



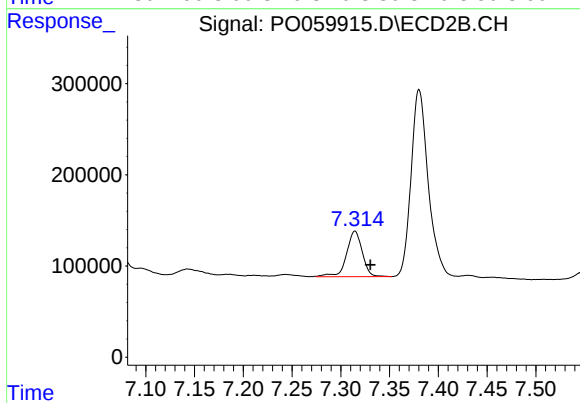
#40 AR-1262-5

R.T.: 7.868 min  
Delta R.T.: -0.021 min  
Response: 1593907  
Conc: 882.78 ng/ml



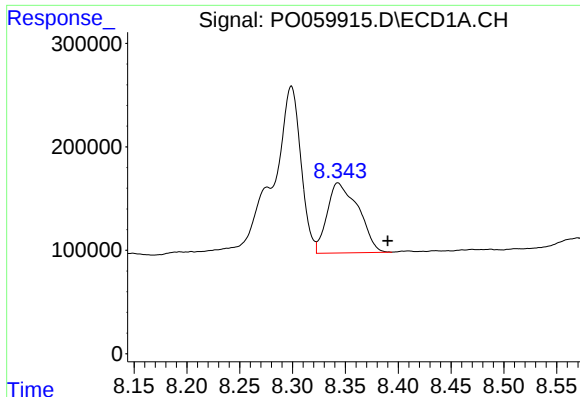
#41 AR-1268-1

R.T.: 8.299 min  
Delta R.T.: -0.004 min  
Response: 3167375  
Conc: 336.57 ng/ml



#41 AR-1268-1

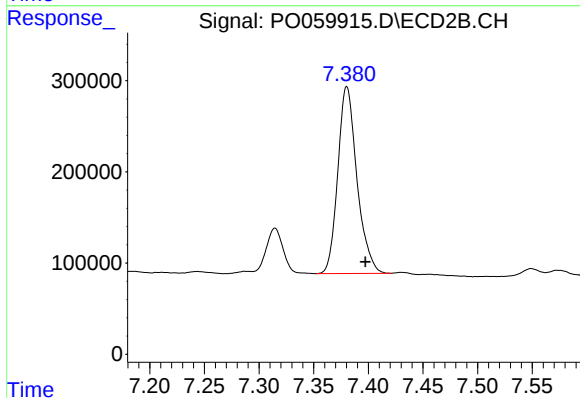
R.T.: 7.315 min  
Delta R.T.: -0.016 min  
Response: 560834  
Conc: 78.76 ng/ml



#42 AR-1268-2

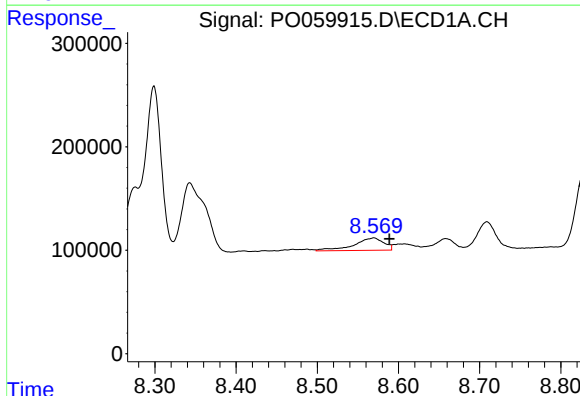
R.T.: 8.343 min  
Delta R.T.: -0.047 min  
Response: 1385579  
Conc: 175.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



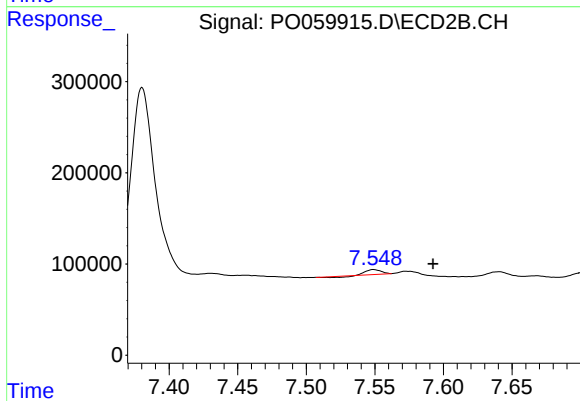
#42 AR-1268-2

R.T.: 7.380 min  
Delta R.T.: -0.017 min  
Response: 2502538  
Conc: 388.11 ng/ml



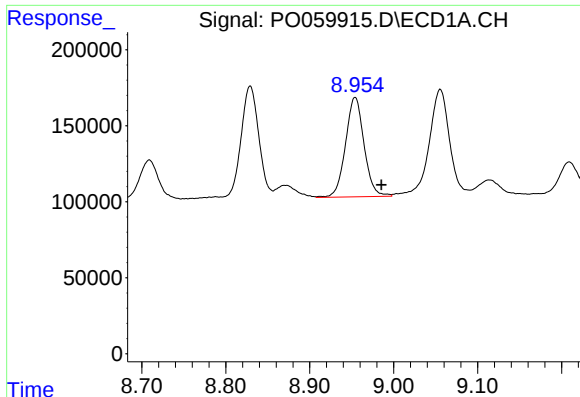
#43 AR-1268-3

R.T.: 8.570 min  
Delta R.T.: -0.019 min  
Response: 304539  
Conc: 43.20 ng/ml



#43 AR-1268-3

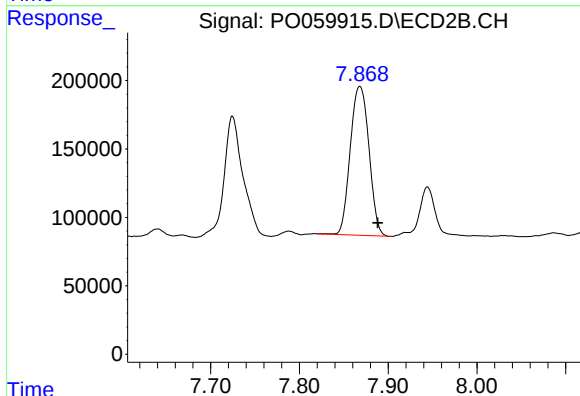
R.T.: 7.549 min  
Delta R.T.: -0.043 min  
Response: 30240  
Conc: 5.53 ng/ml



#44 AR-1268-4

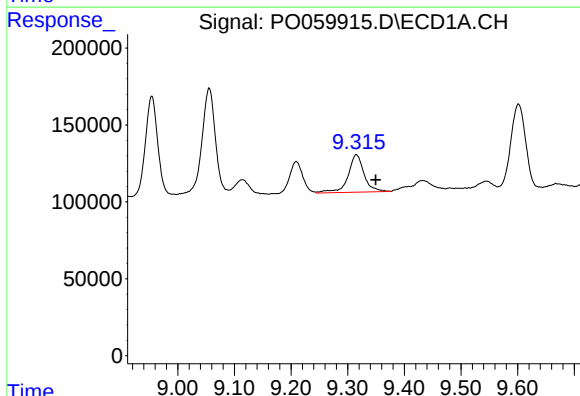
R.T.: 8.954 min  
Delta R.T.: -0.031 min  
Response: 1005884  
Conc: 361.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T9-12-13-O-(0-1.9)



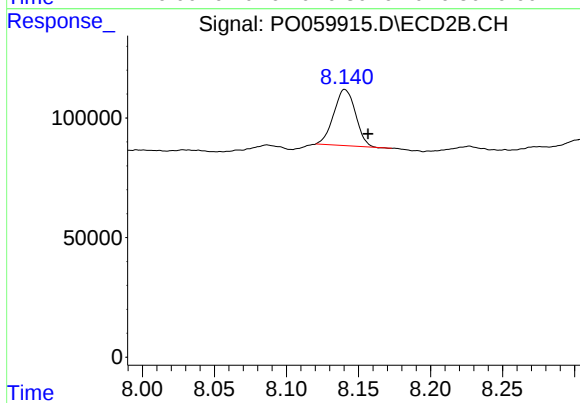
#44 AR-1268-4

R.T.: 7.868 min  
Delta R.T.: -0.020 min  
Response: 1593907  
Conc: 780.83 ng/ml



#45 AR-1268-5

R.T.: 9.315 min  
Delta R.T.: -0.035 min  
Response: 479627  
Conc: 26.01 ng/ml



#45 AR-1268-5

R.T.: 8.141 min  
Delta R.T.: -0.016 min  
Response: 248257  
Conc: 17.09 ng/ml