

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0081621\  
 Data File : P0080501.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Aug 2021 23:55  
 Operator : DD\AJ  
 Sample : AR1268CCC500  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1268CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 17 02:05:43 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0081021.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 11 05:48:32 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... | 4.992  | 4.107 | 3853496 | 1252993 | 55.650   | 50.273    |
| 2)                          | SA Decachlor... | 11.091 | 9.504 | 4538131 | 1751207 | 87.672   | 77.209    |
| Target Compounds            |                 |        |       |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.324  | 0.000 | 6607    | 0       | 2.579    | N.D. #    |
| 4)                          | L1 AR-1016-2    | 6.345  | 0.000 | 725     | 0       | 0.205    | N.D. #    |
| 7)                          | L1 AR-1016-5    | 6.835  | 0.000 | 13109   | 0       | 7.617    | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.347  | 4.465 | 46993   | 17193   | 85.847   | 73.909    |
| 13)                         | L3 AR-1232-3    | 6.345  | 0.000 | 725     | 0       | 0.446    | N.D. #    |
| 15)                         | L3 AR-1232-5    | 6.617  | 0.000 | 12096   | 0       | 23.186   | N.D. #    |
| 16)                         | L4 AR-1242-1    | 6.324  | 0.000 | 6607    | 0       | 3.387    | N.D. #    |
| 17)                         | L4 AR-1242-2    | 6.345  | 0.000 | 725     | 0       | 0.269    | N.D. #    |
| 20)                         | L4 AR-1242-5    | 7.307  | 6.266 | 23940   | 7105    | 16.347   | 10.197 #  |
| 21)                         | L5 AR-1248-1    | 6.324  | 0.000 | 6607    | 0       | 4.366    | N.D. #    |
| 22)                         | L5 AR-1248-2    | 6.617  | 0.000 | 12096   | 0       | 5.963    | N.D. #    |
| 23)                         | L5 AR-1248-3    | 6.835  | 0.000 | 13109   | 0       | 5.539    | N.D. #    |
| 24)                         | L5 AR-1248-4    | 7.267  | 0.000 | 26370   | 0       | 9.697    | N.D. #    |
| 25)                         | L5 AR-1248-5    | 7.307  | 0.000 | 23940   | 0       | 9.078    | N.D. #    |
| 26)                         | L6 AR-1254-1    | 7.241  | 6.266 | 47449   | 7105    | 18.304   | 4.843 #   |
| 27)                         | L6 AR-1254-2    | 7.472  | 0.000 | 21680   | 0       | 5.525    | N.D. #    |
| 28)                         | L6 AR-1254-3    | 7.867  | 0.000 | 35696   | 0       | 8.746    | N.D. #    |
| 30)                         | L6 AR-1254-5    | 8.554f | 0.000 | 20921   | 0       | 6.762    | N.D. #    |
| 32)                         | L7 AR-1260-2    | 8.282  | 0.000 | 18569   | 0       | 5.588    | N.D. #    |
| 33)                         | L7 AR-1260-3    | 8.650  | 7.352 | 700076  | 30463   | 279.811  | 19.927 #  |
| 34)                         | L7 AR-1260-4    | 8.899  | 7.834 | 917362  | 442788  | 317.124  | 353.562   |
| 35)                         | L7 AR-1260-5    | 9.216  | 8.086 | 364196  | 181014  | 63.936   | 62.567    |
| 36)                         | L8 AR-1262-1    | 8.650  | 0.000 | 700076  | 0       | 183.084  | N.D. #    |
| 37)                         | L8 AR-1262-2    | 9.216  | 8.086 | 364196  | 181014  | 53.836   | 56.691    |
| 38)                         | L8 AR-1262-3    | 9.533  | 8.377 | 3628939 | 1711664 | 1212.626 | 1301.077  |
| 39)                         | L8 AR-1262-4    | 9.632  | 8.442 | 3331854 | 1529484 | 1894.636 | 648.088 # |
| 40)                         | L8 AR-1262-5    | 10.317 | 8.947 | 1297914 | 568137  | 523.128  | 510.368   |
| 41)                         | L9 AR-1268-1    | 9.533  | 8.377 | 3628939 | 1711664 | 454.484  | 458.244   |
| 42)                         | L9 AR-1268-2    | 9.632  | 8.442 | 3331854 | 1529484 | 458.395  | 457.921   |
| 43)                         | L9 AR-1268-3    | 9.864  | 8.652 | 2828373 | 1295199 | 462.310  | 454.974   |
| 44)                         | L9 AR-1268-4    | 10.317 | 8.947 | 1297914 | 568137  | 465.280  | 462.491   |
| 45)                         | L9 AR-1268-5    | 10.744 | 9.244 | 9450531 | 3763538 | 470.335  | 442.076   |
| -----                       |                 |        |       |         |         |          |           |

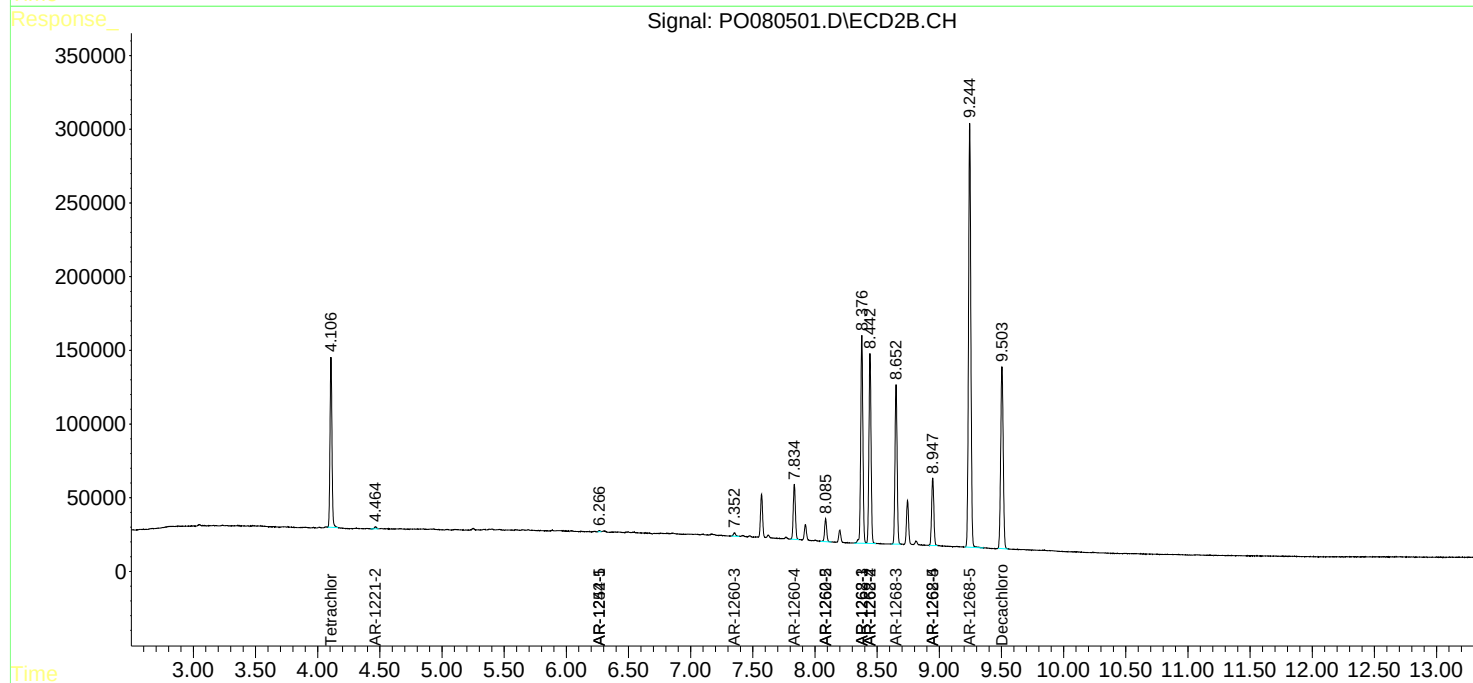
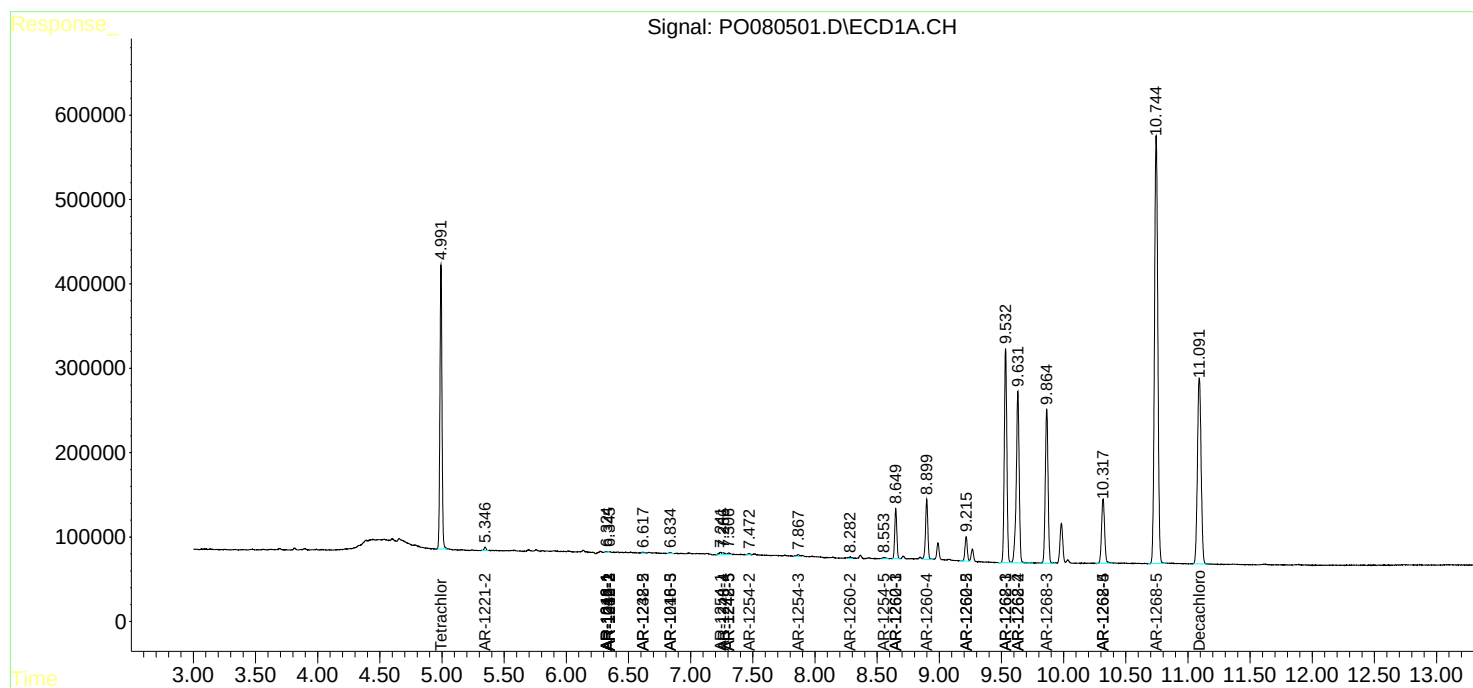
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

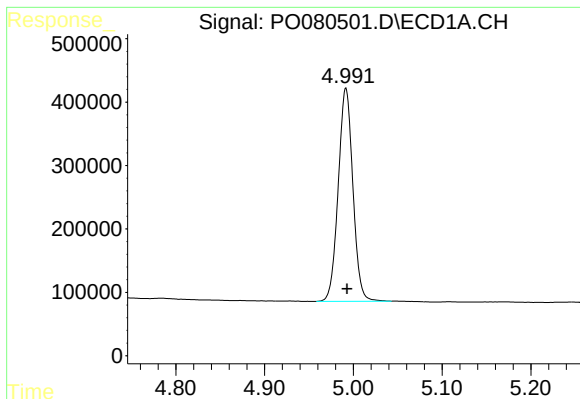
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO081621\  
Data File : PO080501.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 16 Aug 2021 23:55  
Operator : DD\AJ  
Sample : AR1268CCC500  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 17 02:05:43 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO081021.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 11 05:48:32 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

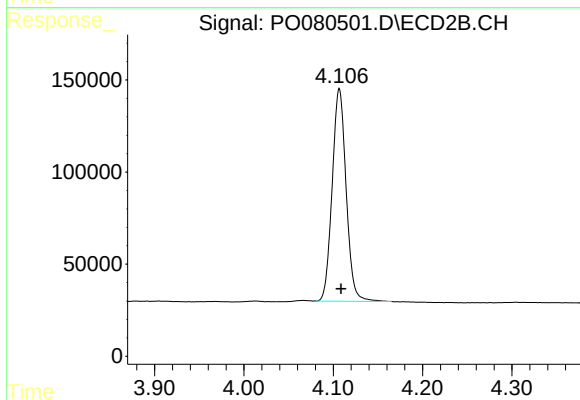




#1 Tetrachloro-m-xylene

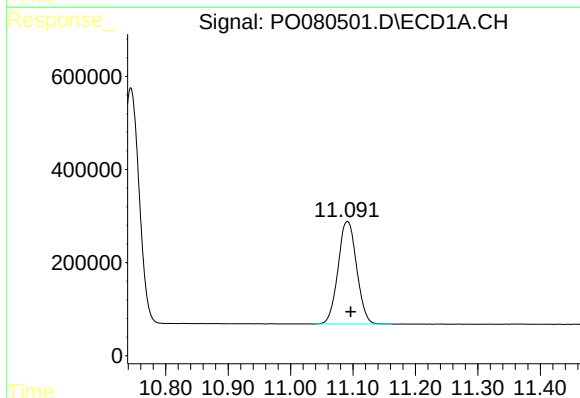
R.T.: 4.992 min  
Delta R.T.: -0.001 min  
Response: 3853496  
Conc: 55.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



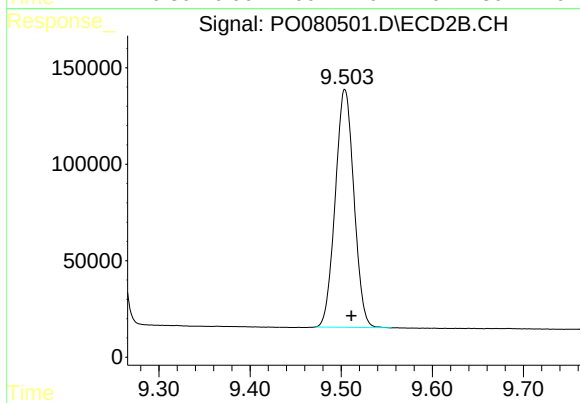
#1 Tetrachloro-m-xylene

R.T.: 4.107 min  
Delta R.T.: -0.002 min  
Response: 1252993  
Conc: 50.27 ng/ml



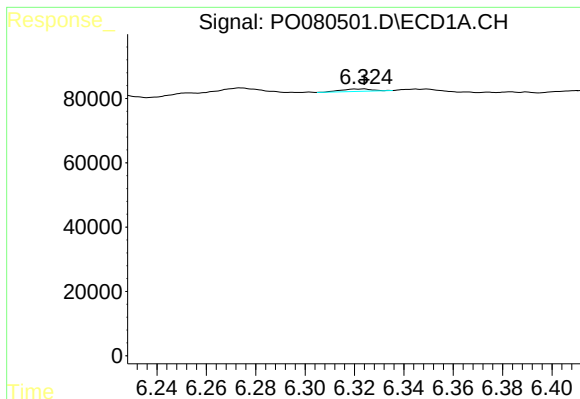
#2 Decachlorobiphenyl

R.T.: 11.091 min  
Delta R.T.: -0.005 min  
Response: 4538131  
Conc: 87.67 ng/ml



#2 Decachlorobiphenyl

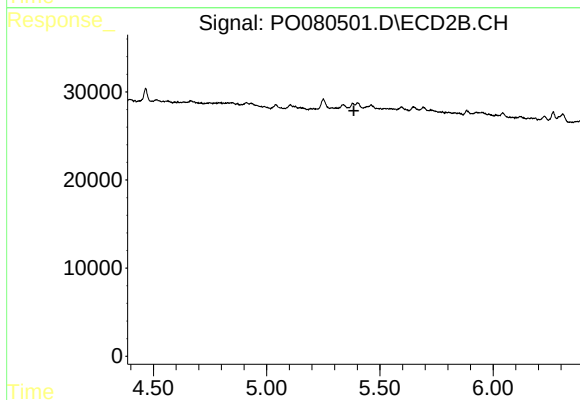
R.T.: 9.504 min  
Delta R.T.: -0.007 min  
Response: 1751207  
Conc: 77.21 ng/ml



#3 AR-1016-1

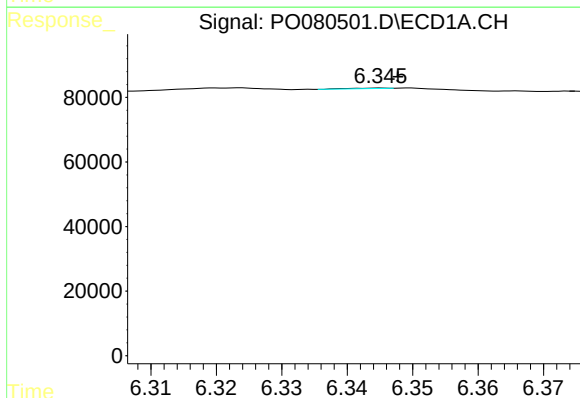
R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 6607  
Conc: 2.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



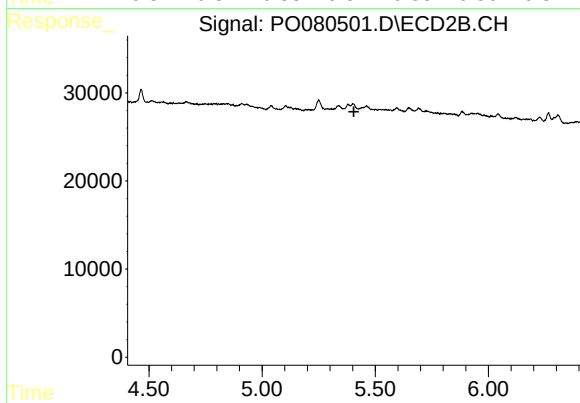
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.385 min  
Response: 0  
Conc: N.D.



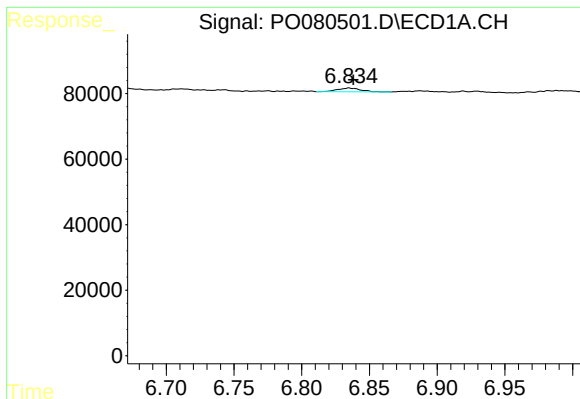
#4 AR-1016-2

R.T.: 6.345 min  
Delta R.T.: -0.003 min  
Response: 725  
Conc: 0.20 ng/ml



#4 AR-1016-2

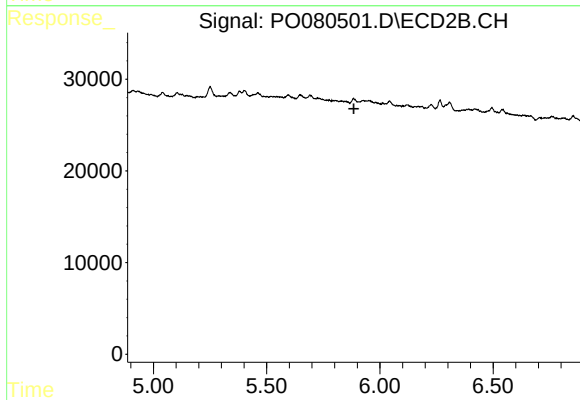
R.T.: 0.000 min  
Exp R.T. : 5.406 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

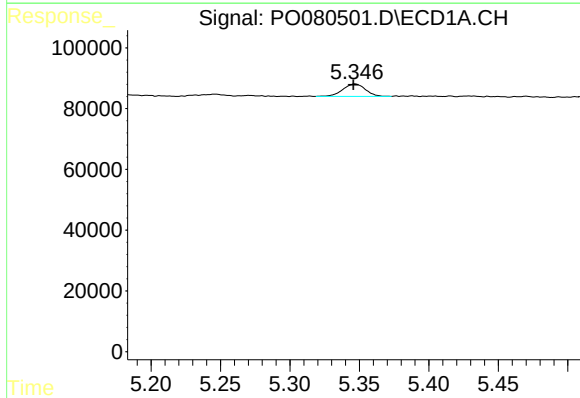
R.T.: 6.835 min  
Delta R.T.: -0.003 min  
Response: 13109  
Conc: 7.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



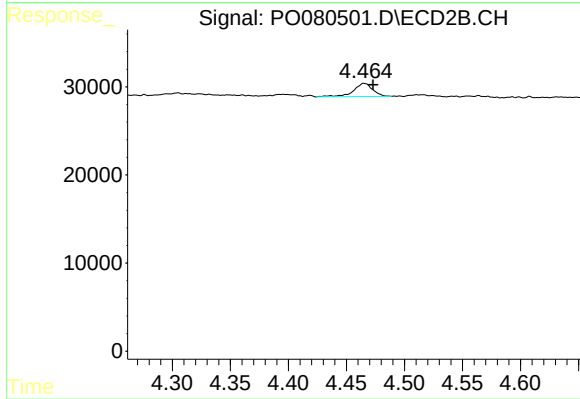
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.885 min  
Response: 0  
Conc: N.D.



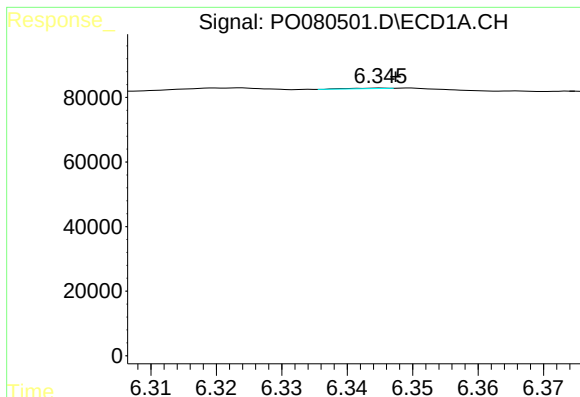
#9 AR-1221-2

R.T.: 5.347 min  
Delta R.T.: 0.000 min  
Response: 46993  
Conc: 85.85 ng/ml



#9 AR-1221-2

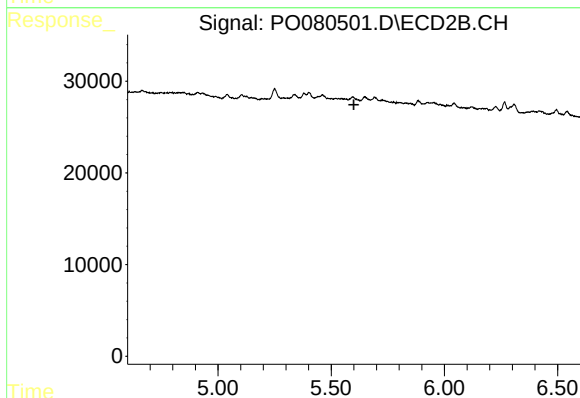
R.T.: 4.465 min  
Delta R.T.: -0.008 min  
Response: 17193  
Conc: 73.91 ng/ml



#13 AR-1232-3

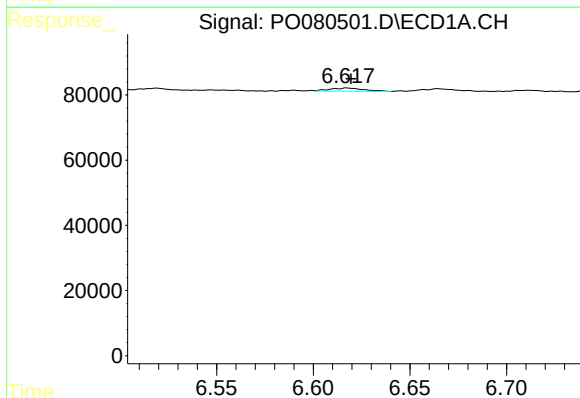
R.T.: 6.345 min  
Delta R.T.: -0.002 min  
Response: 725  
Conc: 0.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



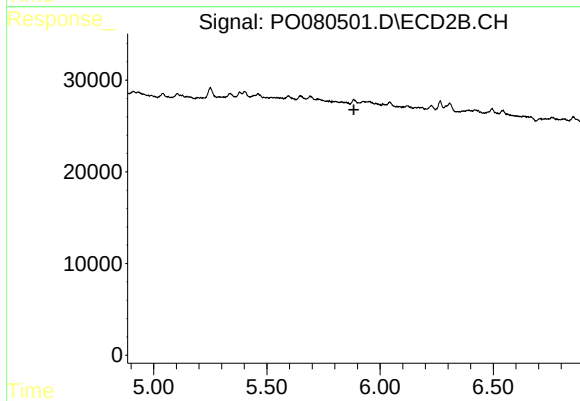
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.600 min  
Response: 0  
Conc: N.D.



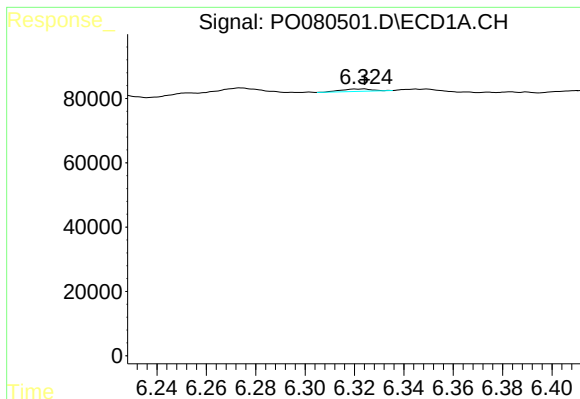
#15 AR-1232-5

R.T.: 6.617 min  
Delta R.T.: -0.002 min  
Response: 12096  
Conc: 23.19 ng/ml



#15 AR-1232-5

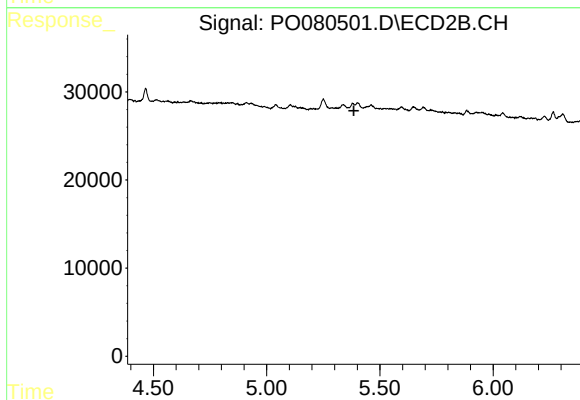
R.T.: 0.000 min  
Exp R.T. : 5.884 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

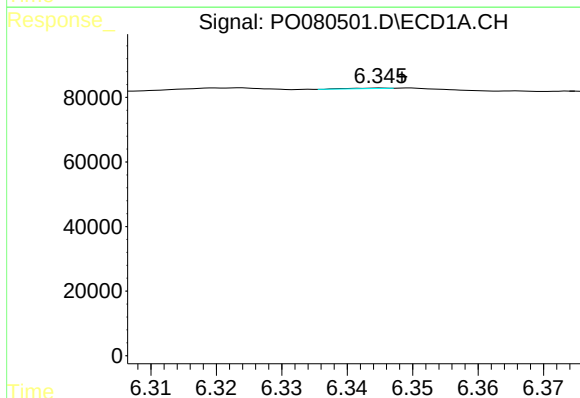
R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 6607  
Conc: 3.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



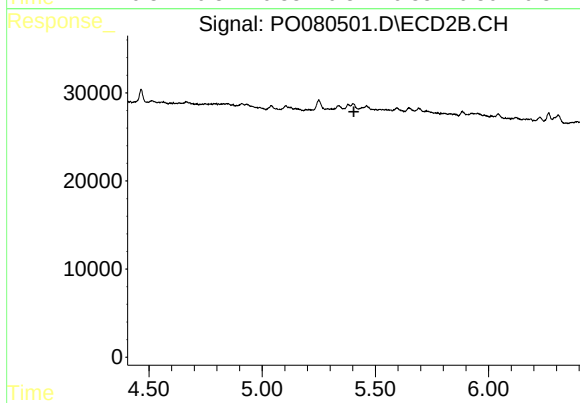
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.385 min  
Response: 0  
Conc: N.D.



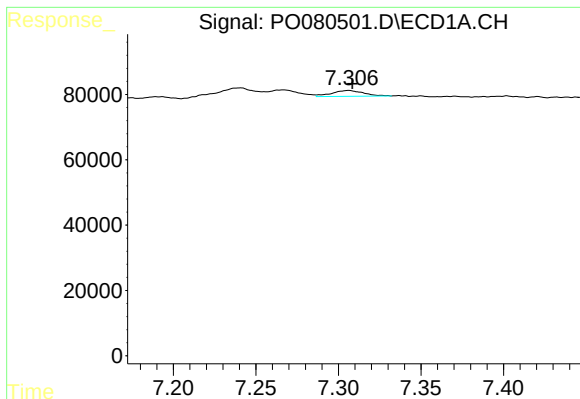
#17 AR-1242-2

R.T.: 6.345 min  
Delta R.T.: -0.003 min  
Response: 725  
Conc: 0.27 ng/ml



#17 AR-1242-2

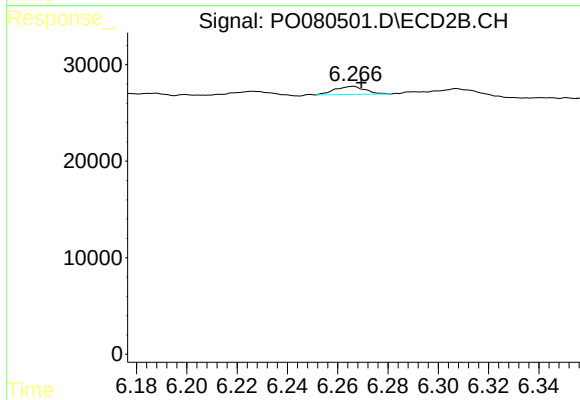
R.T.: 0.000 min  
Exp R.T. : 5.405 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

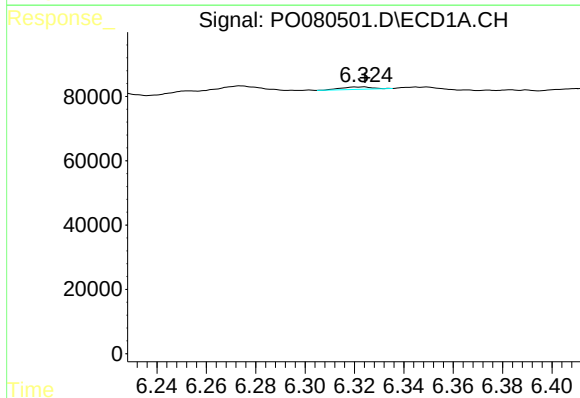
R.T.: 7.307 min  
Delta R.T.: -0.002 min  
Response: 23940  
Conc: 16.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



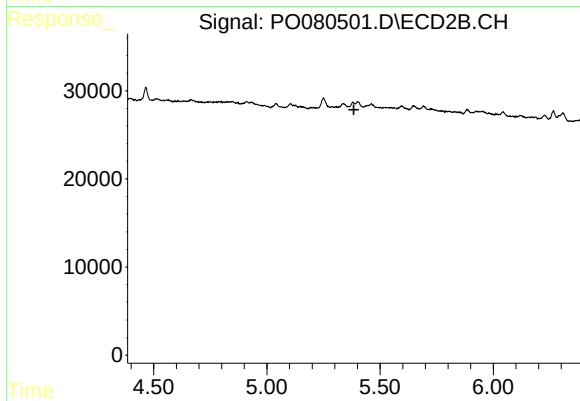
#20 AR-1242-5

R.T.: 6.266 min  
Delta R.T.: -0.003 min  
Response: 7105  
Conc: 10.20 ng/ml



#21 AR-1248-1

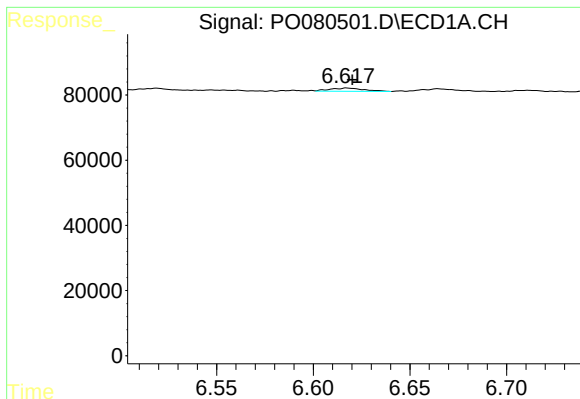
R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 6607  
Conc: 4.37 ng/ml



#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 5.385 min  
Response: 0  
Conc: N.D.

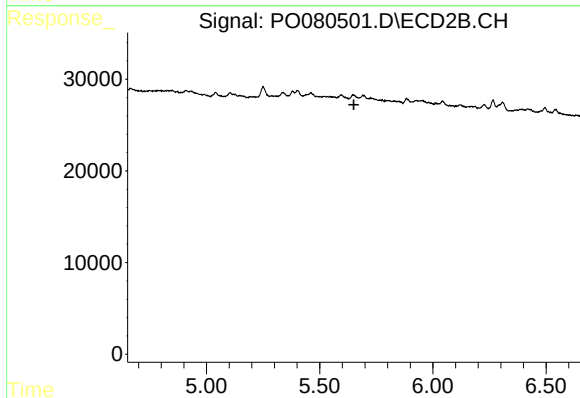




#22 AR-1248-2

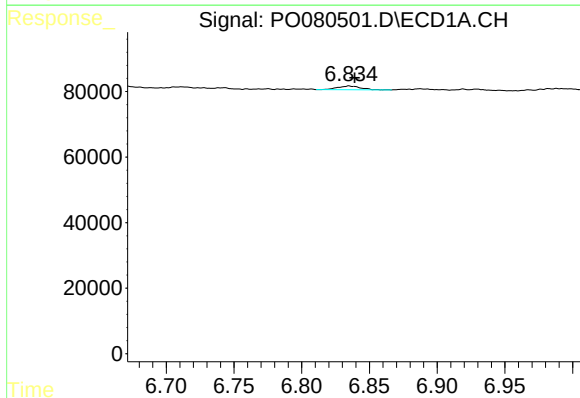
R.T.: 6.617 min  
Delta R.T.: -0.003 min  
Response: 12096  
Conc: 5.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



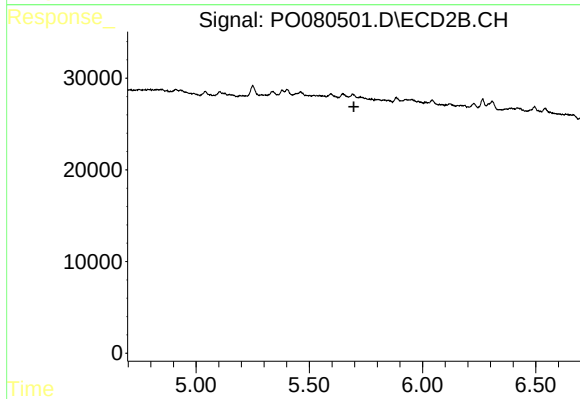
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.651 min  
Response: 0  
Conc: N.D.



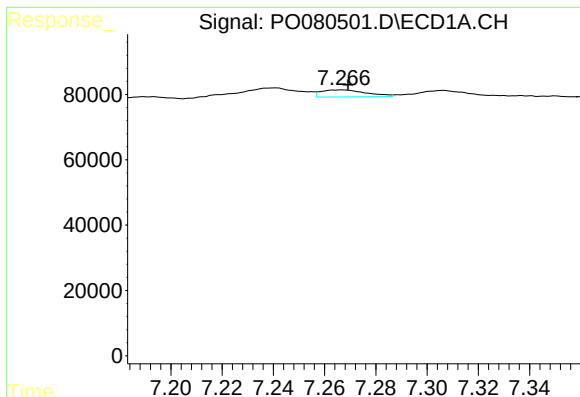
#23 AR-1248-3

R.T.: 6.835 min  
Delta R.T.: -0.004 min  
Response: 13109  
Conc: 5.54 ng/ml



#23 AR-1248-3

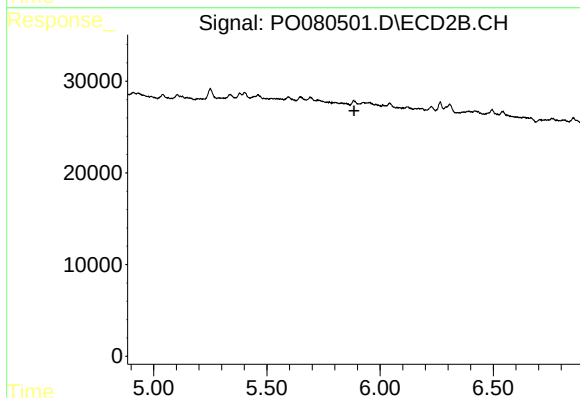
R.T.: 0.000 min  
Exp R.T. : 5.697 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

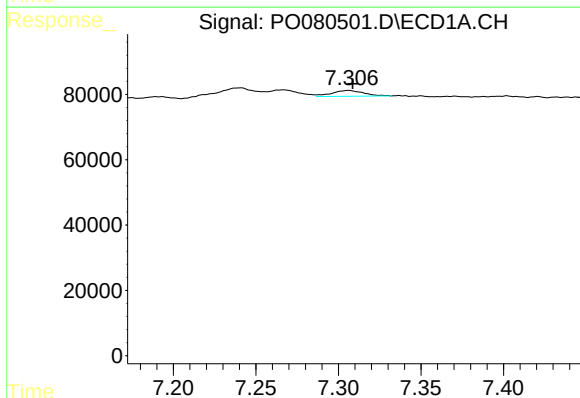
R.T.: 7.267 min  
Delta R.T.: -0.002 min  
Response: 26370  
Conc: 9.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



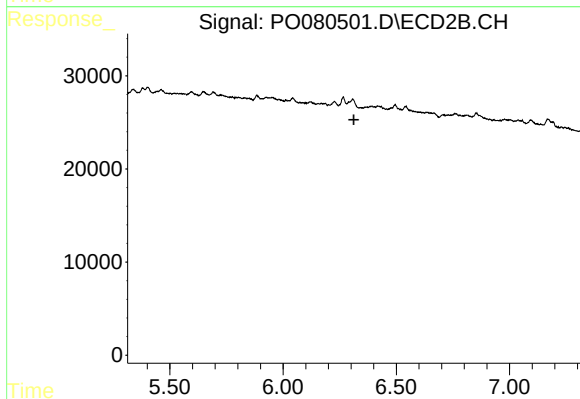
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.885 min  
Response: 0  
Conc: N.D.



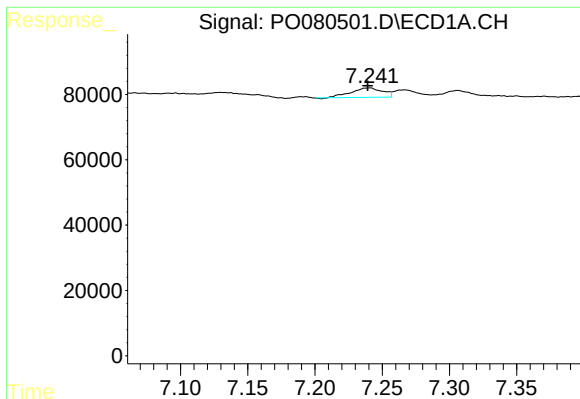
#25 AR-1248-5

R.T.: 7.307 min  
Delta R.T.: -0.002 min  
Response: 23940  
Conc: 9.08 ng/ml



#25 AR-1248-5

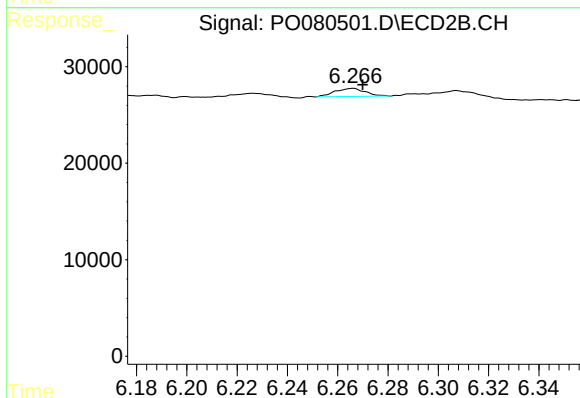
R.T.: 0.000 min  
Exp R.T. : 6.313 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

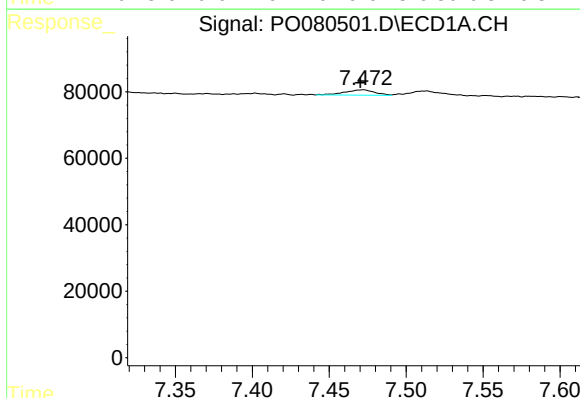
R.T.: 7.241 min  
Delta R.T.: 0.002 min  
Response: 47449  
Conc: 18.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



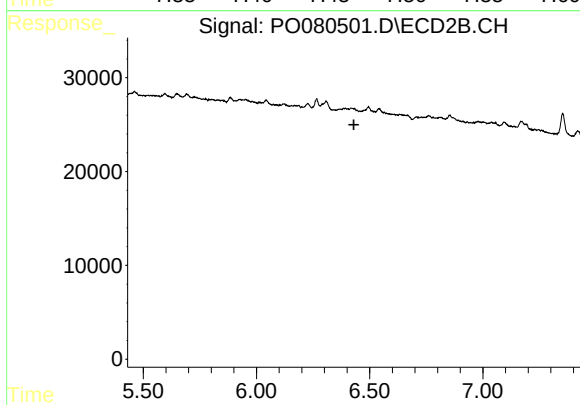
#26 AR-1254-1

R.T.: 6.266 min  
Delta R.T.: -0.004 min  
Response: 7105  
Conc: 4.84 ng/ml



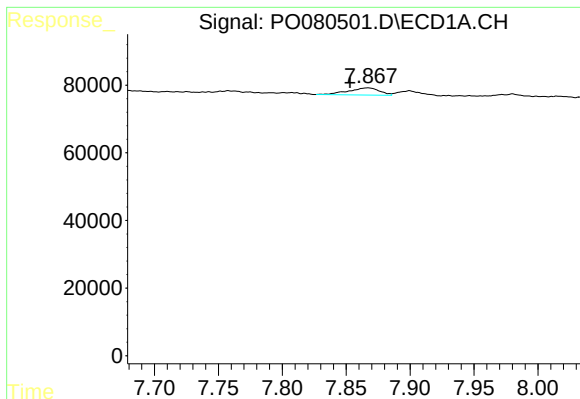
#27 AR-1254-2

R.T.: 7.472 min  
Delta R.T.: 0.002 min  
Response: 21680  
Conc: 5.52 ng/ml



#27 AR-1254-2

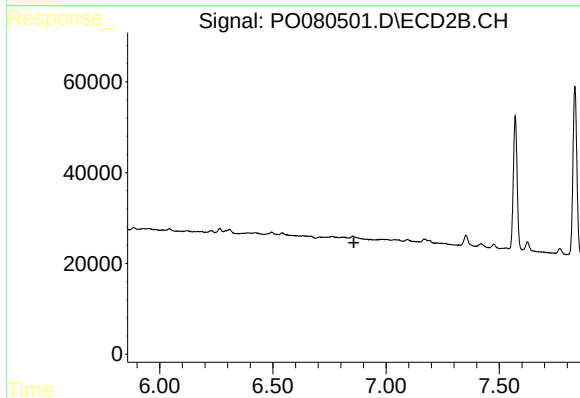
R.T.: 0.000 min  
Exp R.T.: 6.430 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

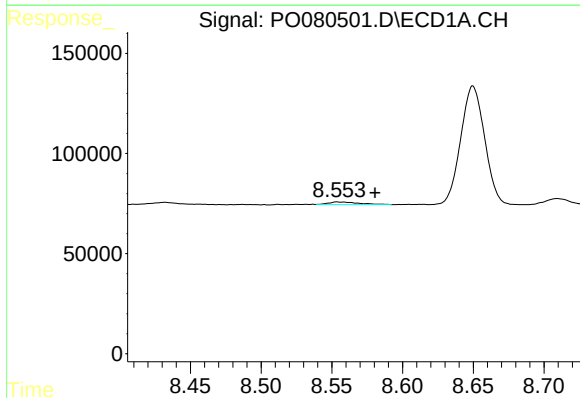
R.T.: 7.867 min  
Delta R.T.: 0.014 min  
Response: 35696  
Conc: 8.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



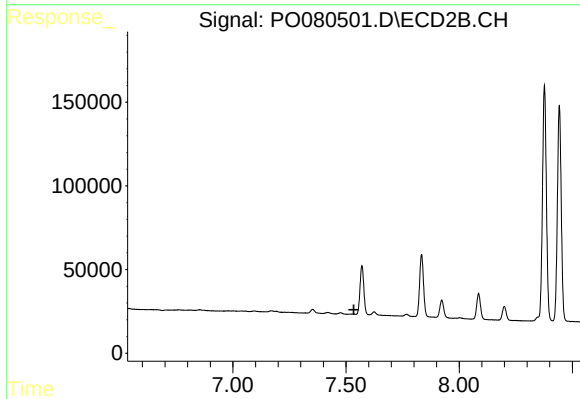
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.858 min  
Response: 0  
Conc: N.D.



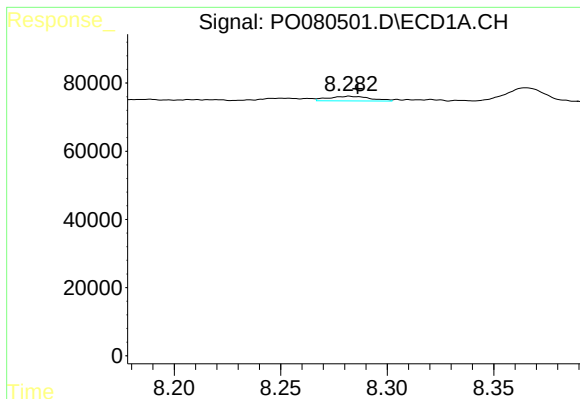
#30 AR-1254-5

R.T.: 8.554 min  
Delta R.T.: -0.027 min  
Response: 20921  
Conc: 6.76 ng/ml



#30 AR-1254-5

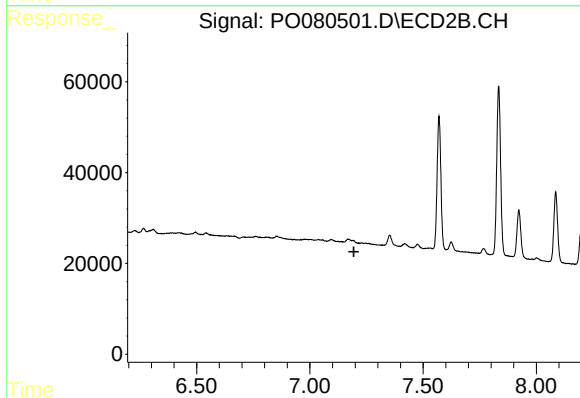
R.T.: 0.000 min  
Exp R.T. : 7.535 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

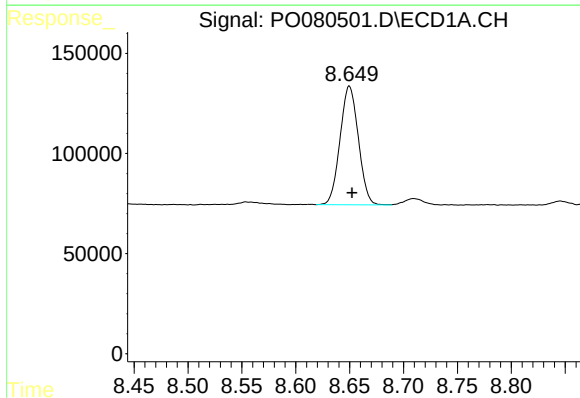
R.T.: 8.282 min  
Delta R.T.: -0.004 min  
Response: 18569  
Conc: 5.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



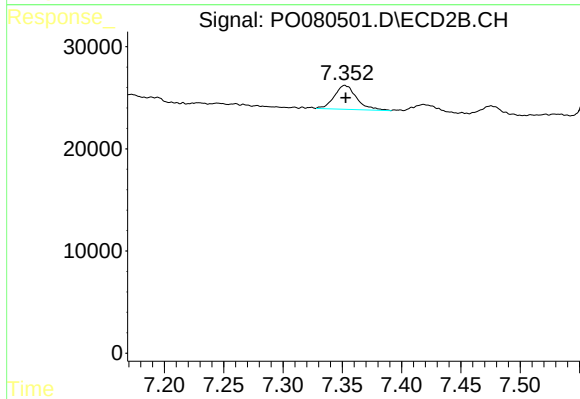
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 7.194 min  
Response: 0  
Conc: N.D.



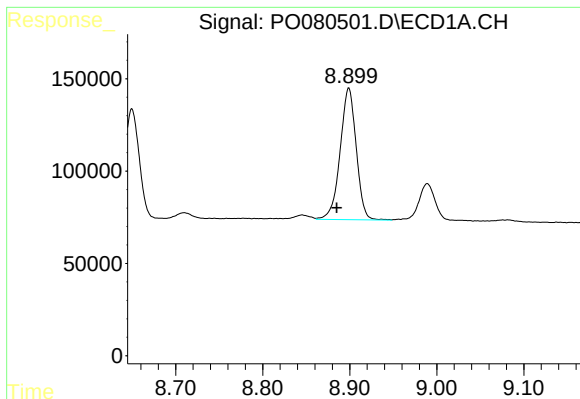
#33 AR-1260-3

R.T.: 8.650 min  
Delta R.T.: -0.002 min  
Response: 700076  
Conc: 279.81 ng/ml



#33 AR-1260-3

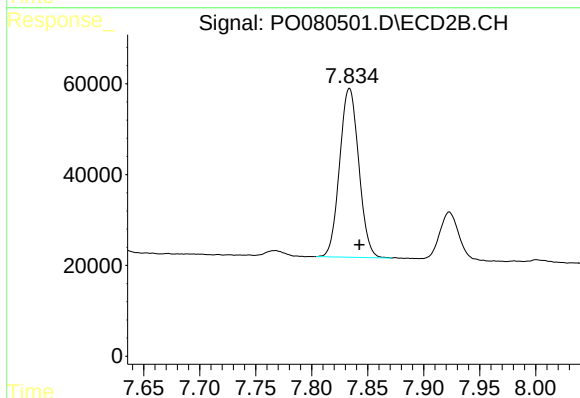
R.T.: 7.352 min  
Delta R.T.: 0.000 min  
Response: 30463  
Conc: 19.93 ng/ml



#34 AR-1260-4

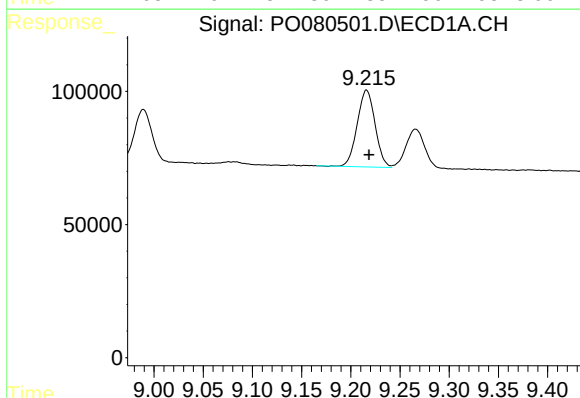
R.T.: 8.899 min  
Delta R.T.: 0.014 min  
Response: 917362  
Conc: 317.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



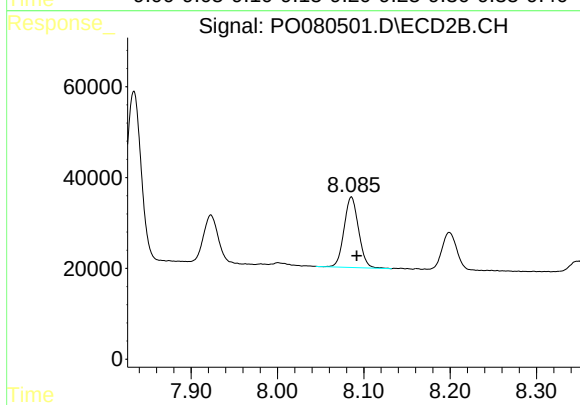
#34 AR-1260-4

R.T.: 7.834 min  
Delta R.T.: -0.009 min  
Response: 442788  
Conc: 353.56 ng/ml



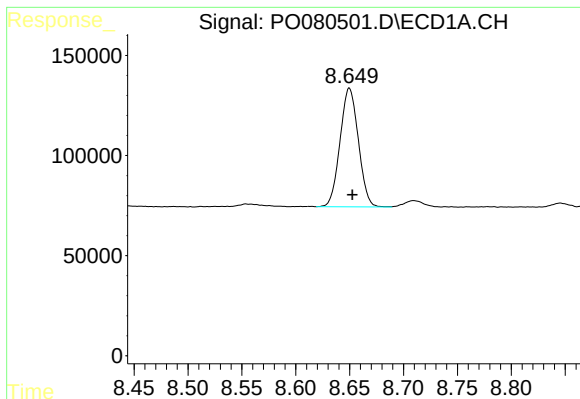
#35 AR-1260-5

R.T.: 9.216 min  
Delta R.T.: -0.003 min  
Response: 364196  
Conc: 63.94 ng/ml



#35 AR-1260-5

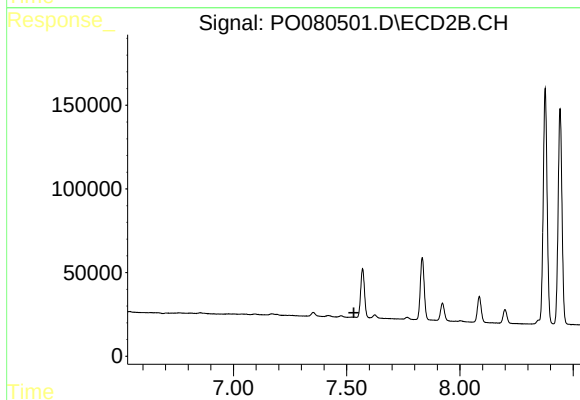
R.T.: 8.086 min  
Delta R.T.: -0.006 min  
Response: 181014  
Conc: 62.57 ng/ml



#36 AR-1262-1

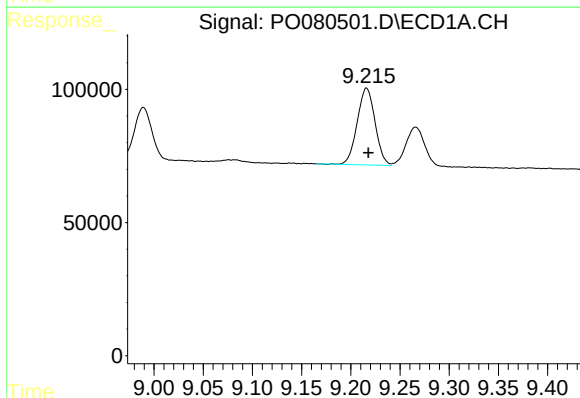
R.T.: 8.650 min  
Delta R.T.: -0.003 min  
Response: 700076  
Conc: 183.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



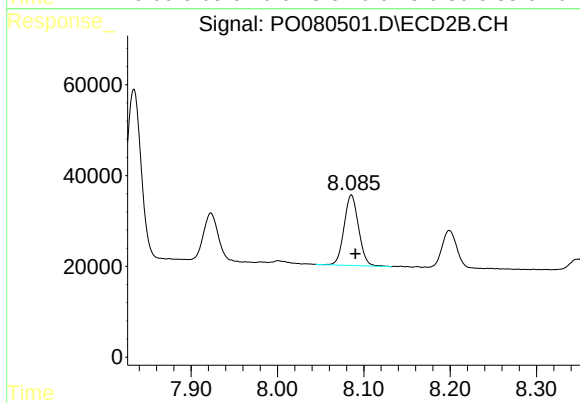
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.532 min  
Response: 0  
Conc: N.D.



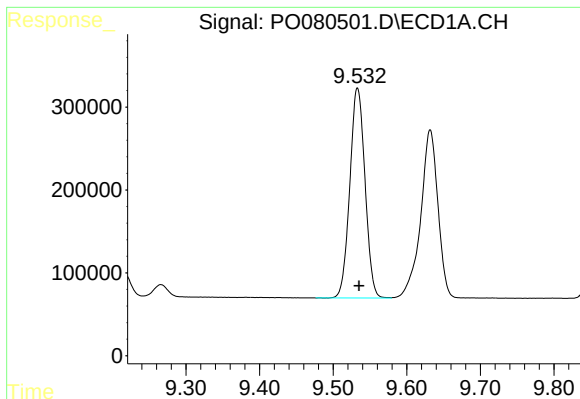
#37 AR-1262-2

R.T.: 9.216 min  
Delta R.T.: -0.002 min  
Response: 364196  
Conc: 53.84 ng/ml



#37 AR-1262-2

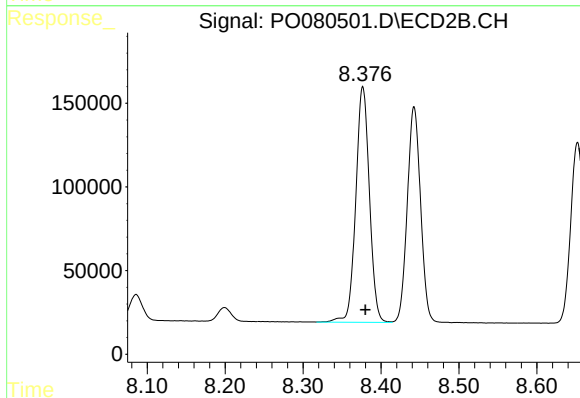
R.T.: 8.086 min  
Delta R.T.: -0.004 min  
Response: 181014  
Conc: 56.69 ng/ml



#38 AR-1262-3

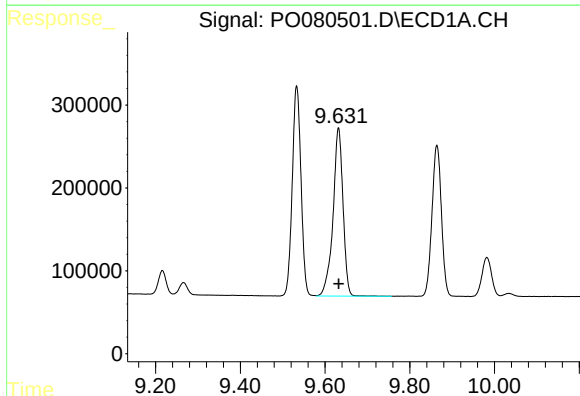
R.T.: 9.533 min  
Delta R.T.: -0.002 min  
Response: 3628939  
Conc: 1212.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



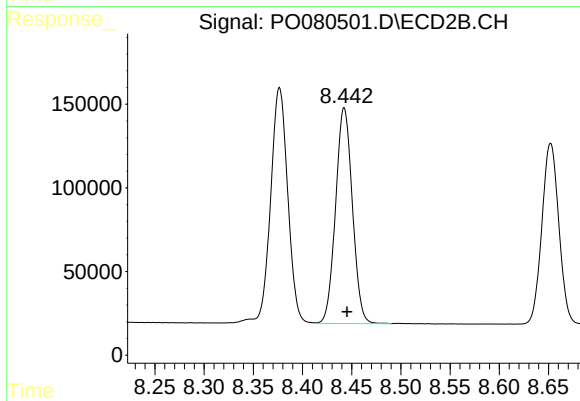
#38 AR-1262-3

R.T.: 8.377 min  
Delta R.T.: -0.003 min  
Response: 1711664  
Conc: 1301.08 ng/ml



#39 AR-1262-4

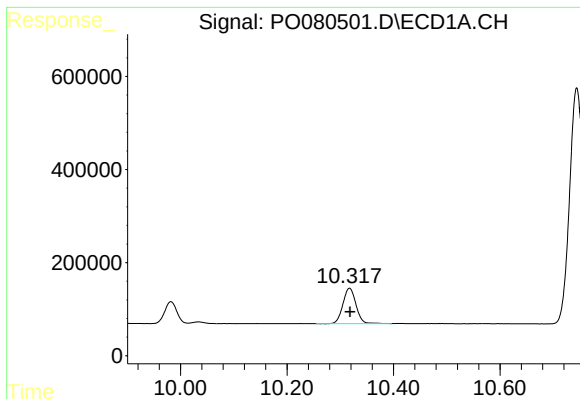
R.T.: 9.632 min  
Delta R.T.: 0.000 min  
Response: 3331854  
Conc: 1894.64 ng/ml



#39 AR-1262-4

R.T.: 8.442 min  
Delta R.T.: -0.003 min  
Response: 1529484  
Conc: 648.09 ng/ml

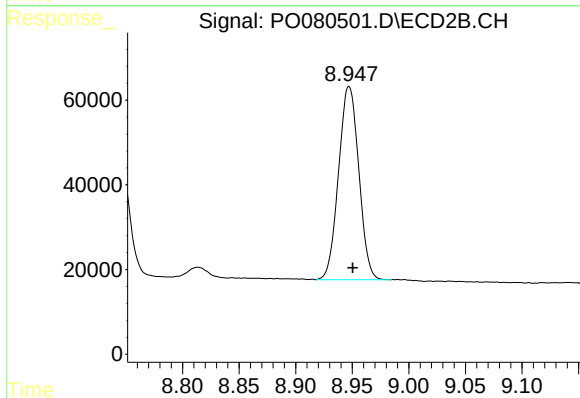




#40 AR-1262-5

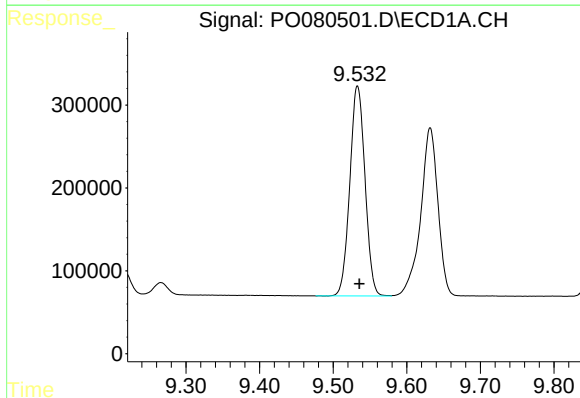
R.T.: 10.317 min  
Delta R.T.: -0.001 min  
Response: 1297914  
Conc: 523.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



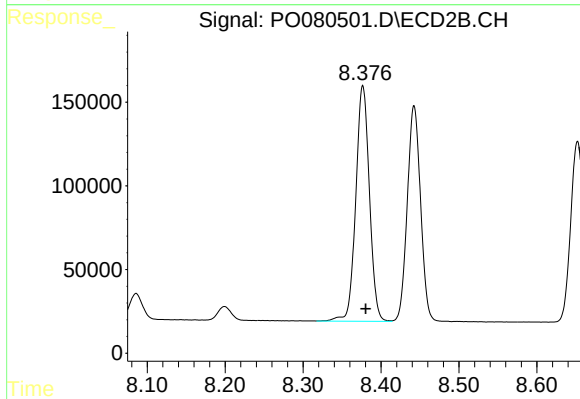
#40 AR-1262-5

R.T.: 8.947 min  
Delta R.T.: -0.003 min  
Response: 568137  
Conc: 510.37 ng/ml



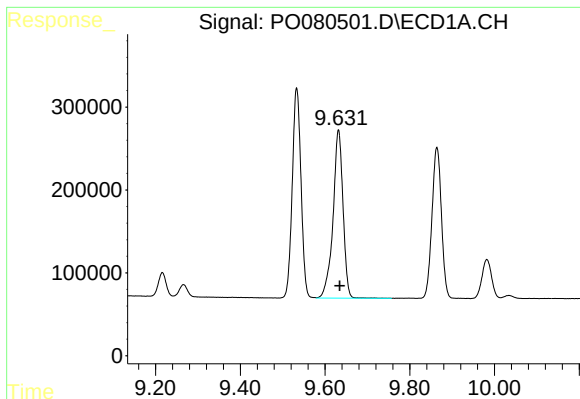
#41 AR-1268-1

R.T.: 9.533 min  
Delta R.T.: -0.003 min  
Response: 3628939  
Conc: 454.48 ng/ml



#41 AR-1268-1

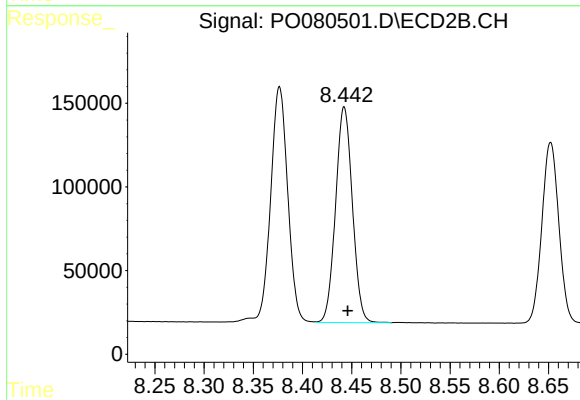
R.T.: 8.377 min  
Delta R.T.: -0.004 min  
Response: 1711664  
Conc: 458.24 ng/ml



#42 AR-1268-2

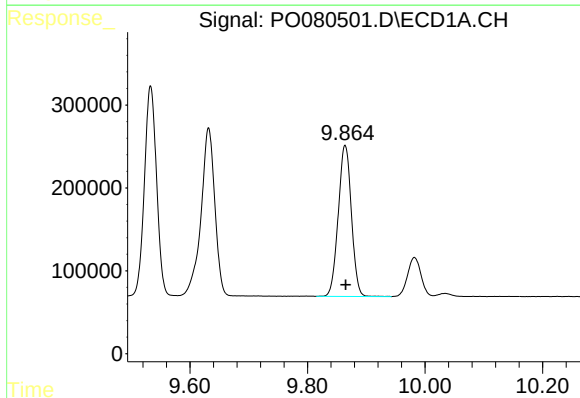
R.T.: 9.632 min  
Delta R.T.: -0.003 min  
Response: 3331854  
Conc: 458.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



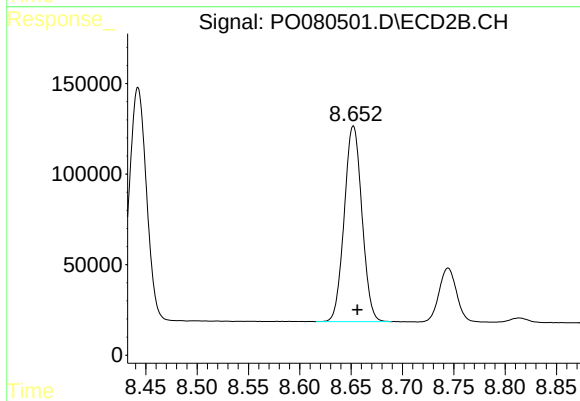
#42 AR-1268-2

R.T.: 8.442 min  
Delta R.T.: -0.004 min  
Response: 1529484  
Conc: 457.92 ng/ml



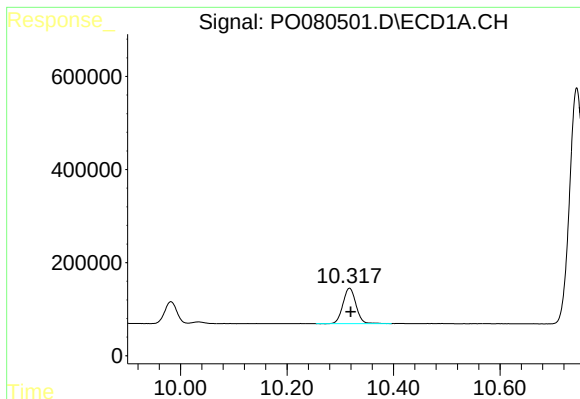
#43 AR-1268-3

R.T.: 9.864 min  
Delta R.T.: -0.001 min  
Response: 2828373  
Conc: 462.31 ng/ml



#43 AR-1268-3

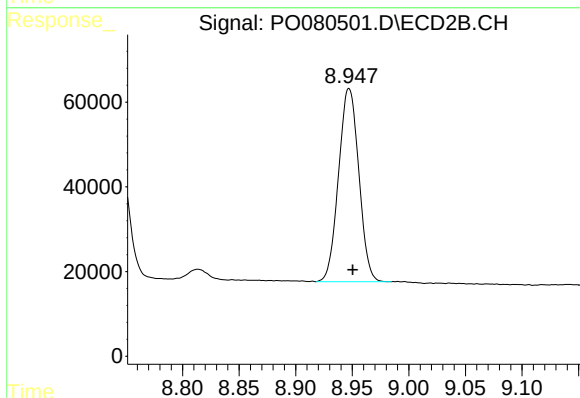
R.T.: 8.652 min  
Delta R.T.: -0.004 min  
Response: 1295199  
Conc: 454.97 ng/ml



#44 AR-1268-4

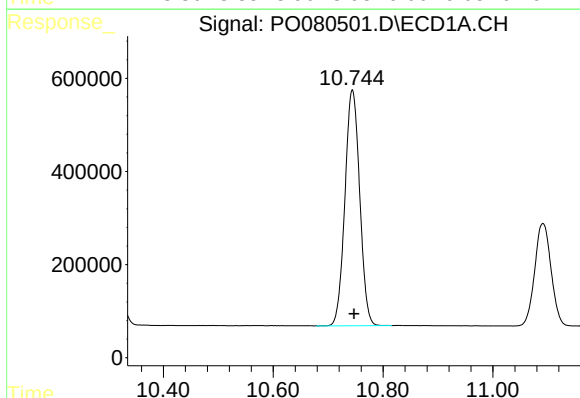
R.T.: 10.317 min  
Delta R.T.: -0.002 min  
Response: 1297914  
Conc: 465.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268CCC500



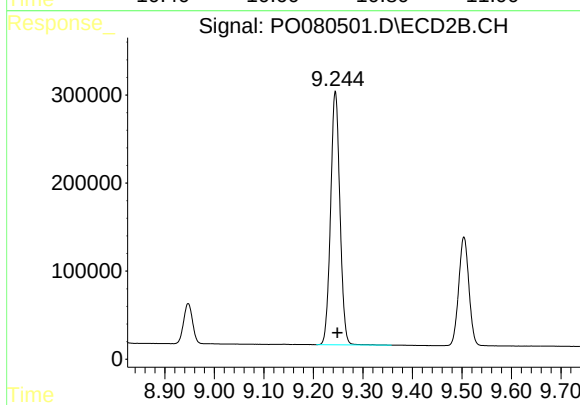
#44 AR-1268-4

R.T.: 8.947 min  
Delta R.T.: -0.003 min  
Response: 568137  
Conc: 462.49 ng/ml



#45 AR-1268-5

R.T.: 10.744 min  
Delta R.T.: -0.003 min  
Response: 9450531  
Conc: 470.33 ng/ml



#45 AR-1268-5

R.T.: 9.244 min  
Delta R.T.: -0.005 min  
Response: 3763538  
Conc: 442.08 ng/ml