

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121021\  
 Data File : PO083567.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Dec 2021 22:29  
 Operator : AJ\MA  
 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 11 01:43:03 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO120621.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Dec 07 13:18:47 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... | 4.939  | 3.943 | 4566545 | 1535233 | 47.865   | 49.355    |
| 2)                          | SA Decachlor... | 11.016 | 9.242 | 3401533 | 1391565 | 47.616   | 42.655    |
| Target Compounds            |                 |        |       |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.271  | 0.000 | 36455   | 0       | 11.496   | N.D. #    |
| 4)                          | L1 AR-1016-2    | 6.299  | 0.000 | 42730   | 0       | 9.592    | N.D. #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.462 | 0       | 375855  | N.D.     | 449.671 # |
| 7)                          | L1 AR-1016-5    | 6.786  | 5.689 | 461545  | 218397  | 206.256  | 216.400   |
| 9)                          | L2 AR-1221-2    | 5.295  | 4.295 | 56812   | 20453   | 78.875   | 71.047    |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.388 | 0       | 16506   | N.D.     | 17.771 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.388 | 0       | 16506   | N.D.     | 20.881 #  |
| 13)                         | L3 AR-1232-3    | 6.299  | 0.000 | 42730   | 0       | 23.715   | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.505 | 0       | 98270   | N.D.     | 276.857 # |
| 15)                         | L3 AR-1232-5    | 6.568  | 5.689 | 819100  | 218397  | 1310.459 | 582.246 # |
| 16)                         | L4 AR-1242-1    | 6.271  | 0.000 | 36455   | 0       | 16.283   | N.D. #    |
| 17)                         | L4 AR-1242-2    | 6.299  | 0.000 | 42730   | 0       | 13.579   | N.D. #    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.505 | 0       | 98270   | N.D.     | 152.969 # |
| 20)                         | L4 AR-1242-5    | 7.259  | 6.070 | 403480  | 900595  | 231.389  | 956.350 # |
| 21)                         | L5 AR-1248-1    | 6.271  | 0.000 | 36455   | 0       | 21.064   | N.D. #    |
| 22)                         | L5 AR-1248-2    | 6.568  | 5.462 | 819100  | 375855  | 351.197  | 364.498   |
| 23)                         | L5 AR-1248-3    | 6.786  | 5.505 | 461545  | 98270   | 169.687  | 102.450 # |
| 24)                         | L5 AR-1248-4    | 7.218  | 5.689 | 676292  | 218397  | 223.683  | 189.760   |
| 25)                         | L5 AR-1248-5    | 7.259  | 6.113 | 403480  | 112860  | 141.048  | 86.760 #  |
| 26)                         | L6 AR-1254-1    | 7.187  | 6.070 | 1393519 | 900595  | 436.085  | 455.227   |
| 27)                         | L6 AR-1254-2    | 7.418  | 6.230 | 2082037 | 783562  | 451.632  | 451.724   |
| 28)                         | L6 AR-1254-3    | 7.803  | 6.650 | 2096491 | 1174057 | 420.272  | 452.532   |
| 29)                         | L6 AR-1254-4    | 8.100  | 6.891 | 1543895 | 825388  | 433.117  | 436.797   |
| 30)                         | L6 AR-1254-5    | 8.531  | 7.320 | 1602875 | 1091631 | 446.900  | 447.183   |
| 31)                         | L7 AR-1260-1    | 7.969  | 6.789 | 795397  | 607401  | 230.537  | 314.133 # |
| 32)                         | L7 AR-1260-2    | 8.237  | 6.986 | 927516  | 535848  | 222.218  | 219.256   |
| 33)                         | L7 AR-1260-3    | 8.594  | 7.138 | 205632  | 495833  | 65.591   | 216.442 # |
| 34)                         | L7 AR-1260-4    | 8.830  | 7.624 | 602030  | 52387   | 171.942  | 28.813 #  |
| 35)                         | L7 AR-1260-5    | 9.167  | 7.872 | 303341  | 131834  | 43.680   | 28.060 #  |
| 36)                         | L8 AR-1262-1    | 8.594f | 7.320 | 205632  | 1091631 | 49.496   | 855.034 # |
| 37)                         | L8 AR-1262-2    | 9.167  | 7.872 | 303341  | 131834  | 41.759   | 28.116 #  |
| 38)                         | L8 AR-1262-3    | 9.506f | 0.000 | 183033  | 0       | 54.878   | N.D. #    |
| 39)                         | L8 AR-1262-4    | 9.556f | 8.219 | 47961   | 118298  | 24.648   | 35.166 #  |
| 41)                         | L9 AR-1268-1    | 9.506f | 0.000 | 183033  | 0       | 20.745   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 9.556f | 8.219 | 47961   | 118298  | 5.806    | 24.232 #  |
| -----                       |                 |        |       |         |         |          |           |

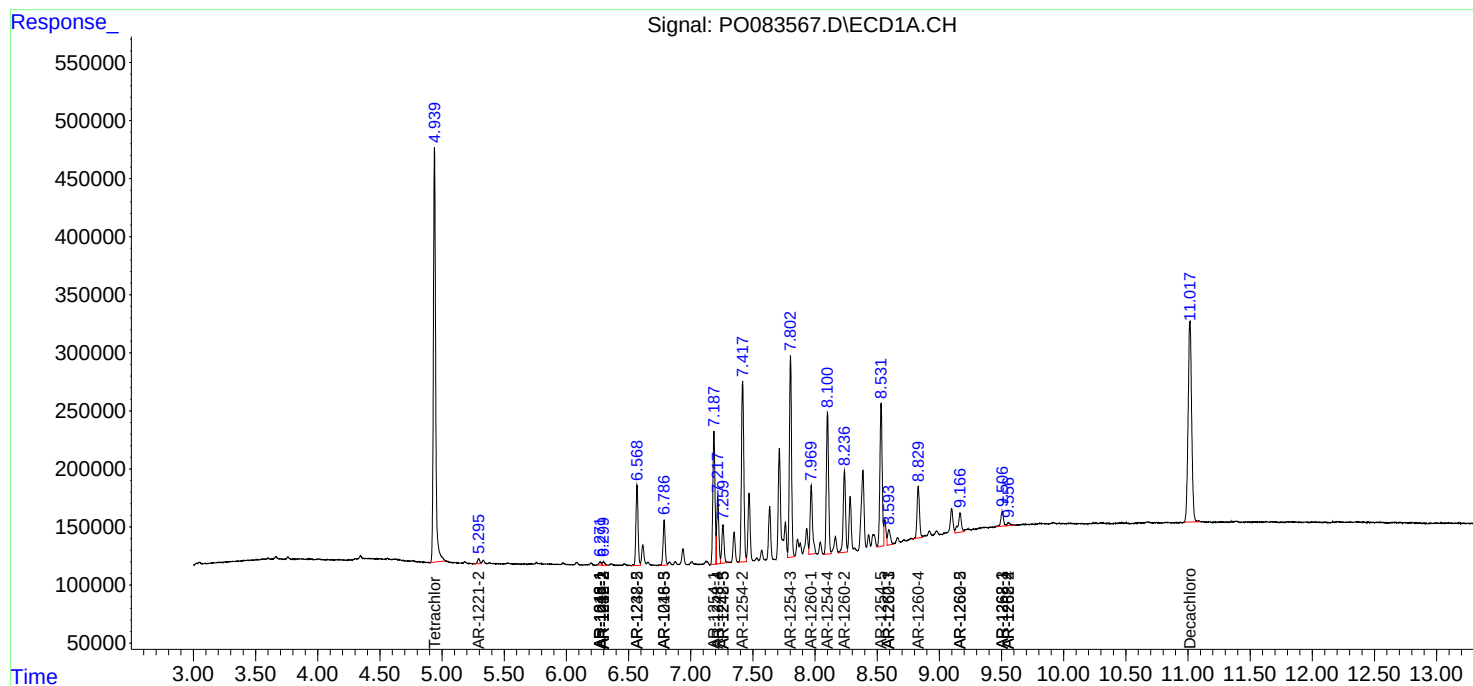
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

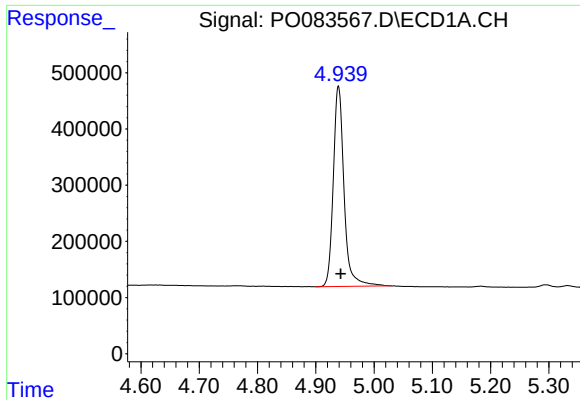
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121021\  
Data File : PO083567.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Dec 2021 22:29  
Operator : AJ\MA  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 11 01:43:03 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO120621.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Dec 07 13:18:47 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

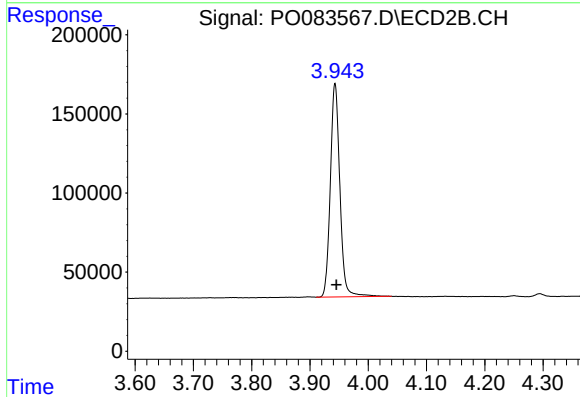




#1 Tetrachloro-m-xylene

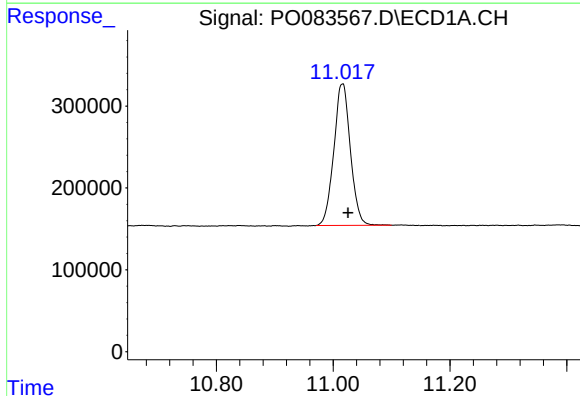
R.T.: 4.939 min  
Delta R.T.: -0.004 min  
Response: 4566545  
Conc: 47.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



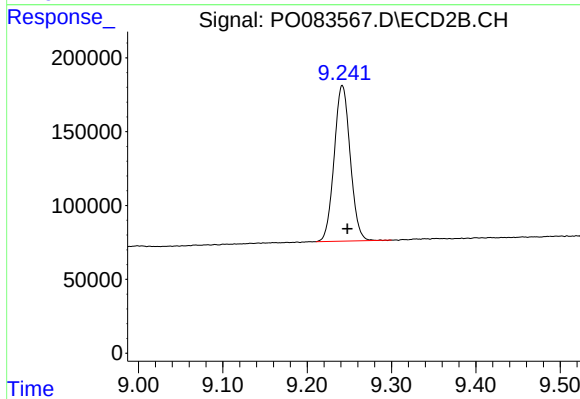
#1 Tetrachloro-m-xylene

R.T.: 3.943 min  
Delta R.T.: -0.002 min  
Response: 1535233  
Conc: 49.36 ng/ml



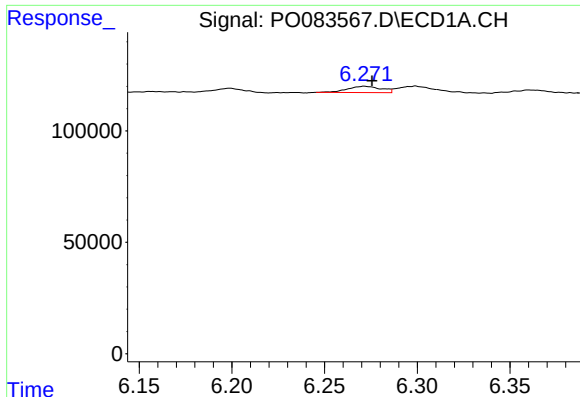
#2 Decachlorobiphenyl

R.T.: 11.016 min  
Delta R.T.: -0.010 min  
Response: 3401533  
Conc: 47.62 ng/ml



#2 Decachlorobiphenyl

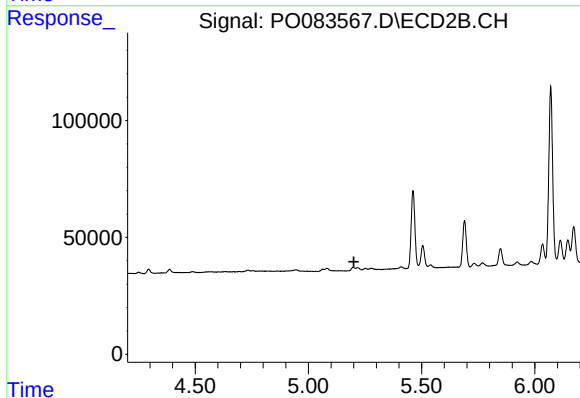
R.T.: 9.242 min  
Delta R.T.: -0.006 min  
Response: 1391565  
Conc: 42.66 ng/ml



#3 AR-1016-1

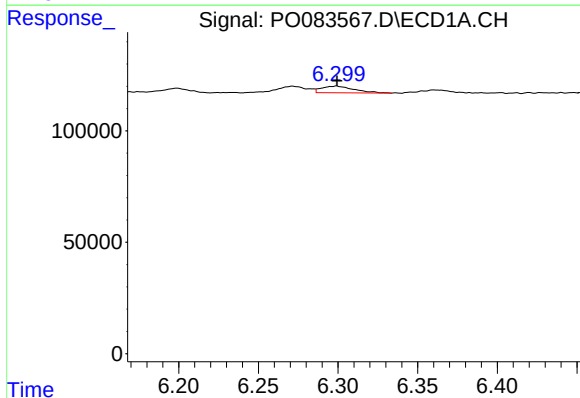
R.T.: 6.271 min  
Delta R.T.: -0.004 min  
Response: 36455  
Conc: 11.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



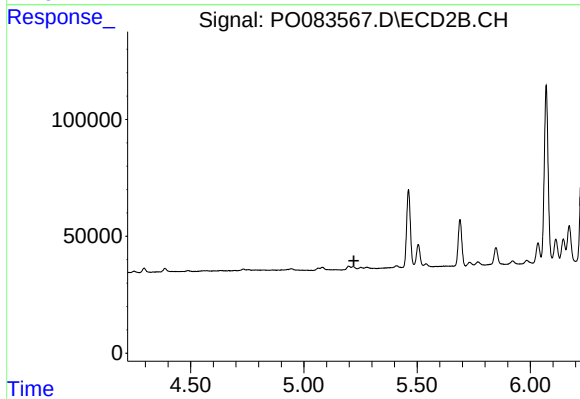
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.201 min  
Response: 0  
Conc: N.D.



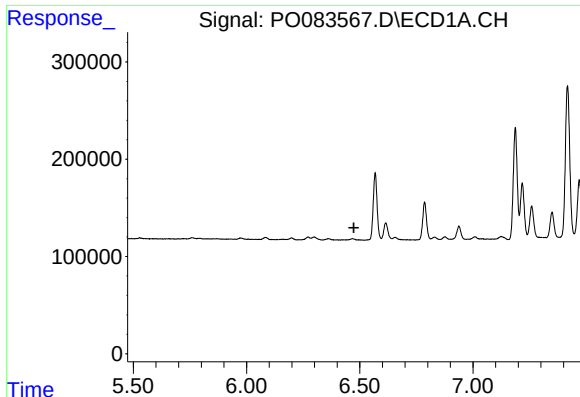
#4 AR-1016-2

R.T.: 6.299 min  
Delta R.T.: 0.000 min  
Response: 42730  
Conc: 9.59 ng/ml



#4 AR-1016-2

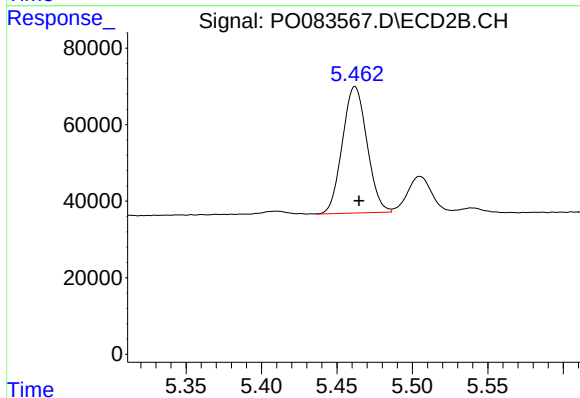
R.T.: 0.000 min  
Exp R.T. : 5.221 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

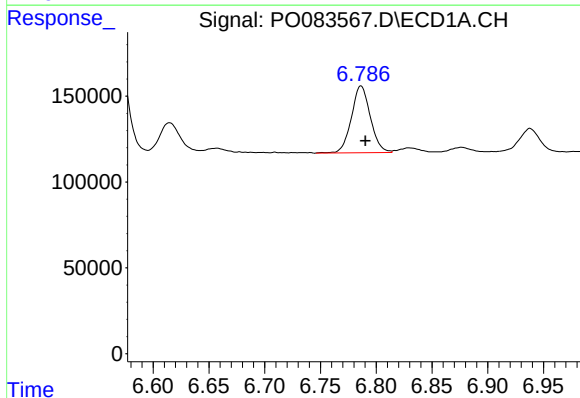
R.T.: 0.000 min  
Exp R.T.: 6.474 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



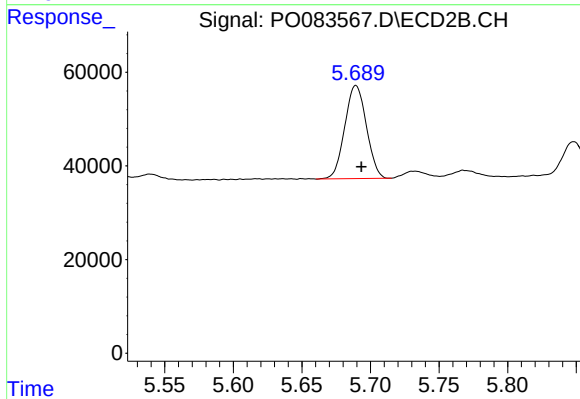
#6 AR-1016-4

R.T.: 5.462 min  
Delta R.T.: -0.003 min  
Response: 375855  
Conc: 449.67 ng/ml



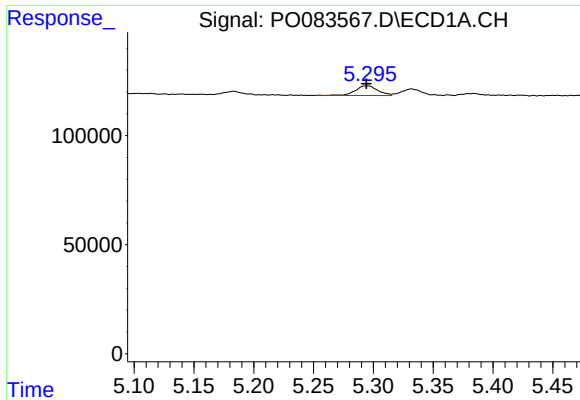
#7 AR-1016-5

R.T.: 6.786 min  
Delta R.T.: -0.004 min  
Response: 461545  
Conc: 206.26 ng/ml



#7 AR-1016-5

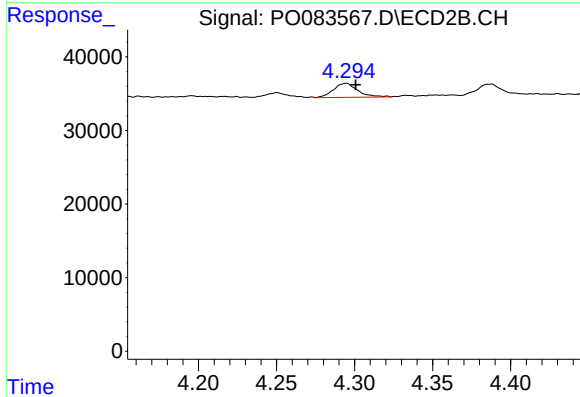
R.T.: 5.689 min  
Delta R.T.: -0.004 min  
Response: 218397  
Conc: 216.40 ng/ml



#9 AR-1221-2

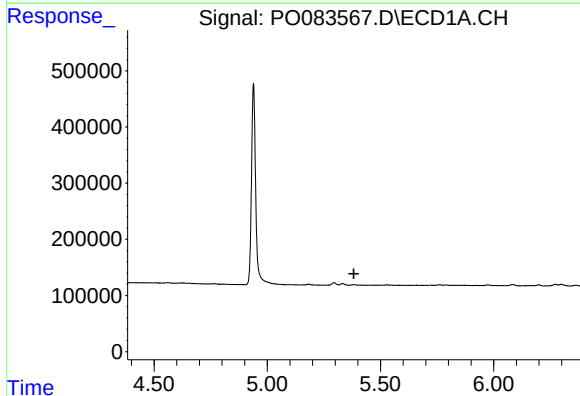
R.T.: 5.295 min  
Delta R.T.: 0.000 min  
Response: 56812  
Conc: 78.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



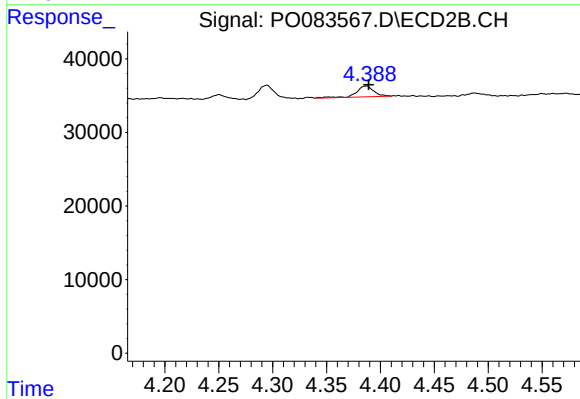
#9 AR-1221-2

R.T.: 4.295 min  
Delta R.T.: -0.006 min  
Response: 20453  
Conc: 71.05 ng/ml



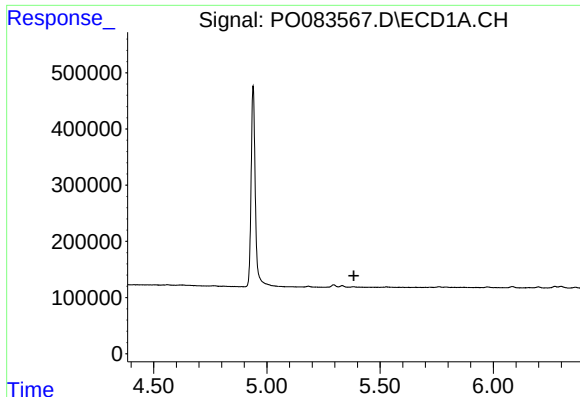
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 5.382 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

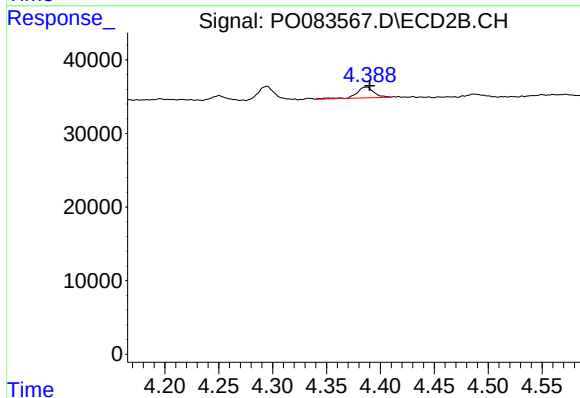
R.T.: 4.388 min  
Delta R.T.: -0.001 min  
Response: 16506  
Conc: 17.77 ng/ml



#11 AR-1232-1

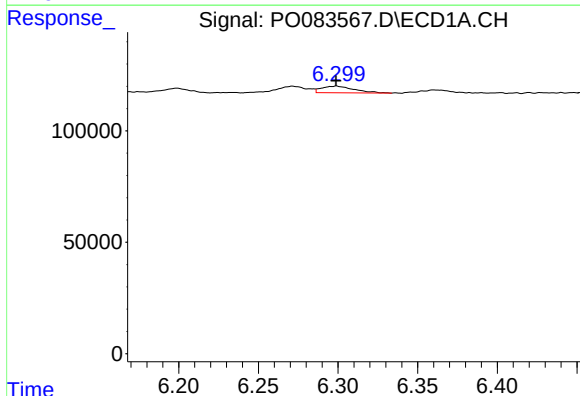
R.T.: 0.000 min  
Exp R.T.: 5.384 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



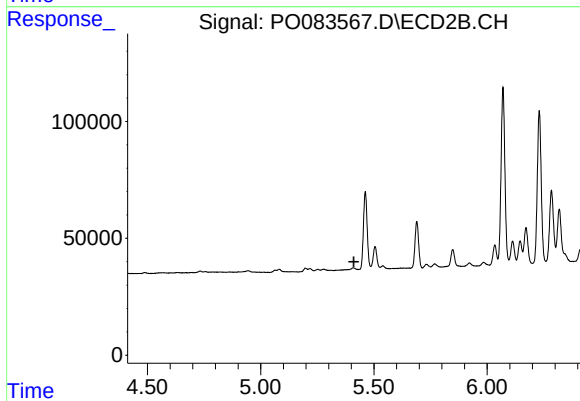
#11 AR-1232-1

R.T.: 4.388 min  
Delta R.T.: -0.002 min  
Response: 16506  
Conc: 20.88 ng/ml



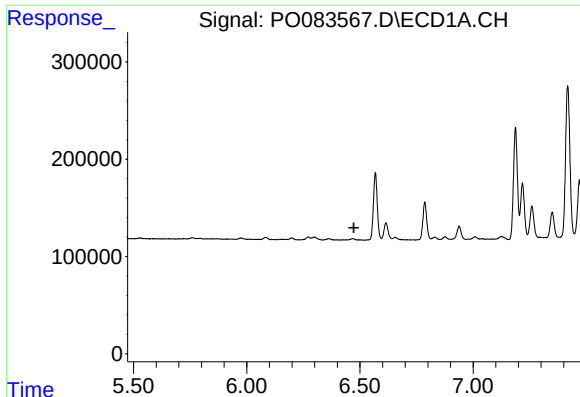
#13 AR-1232-3

R.T.: 6.299 min  
Delta R.T.: 0.000 min  
Response: 42730  
Conc: 23.72 ng/ml



#13 AR-1232-3

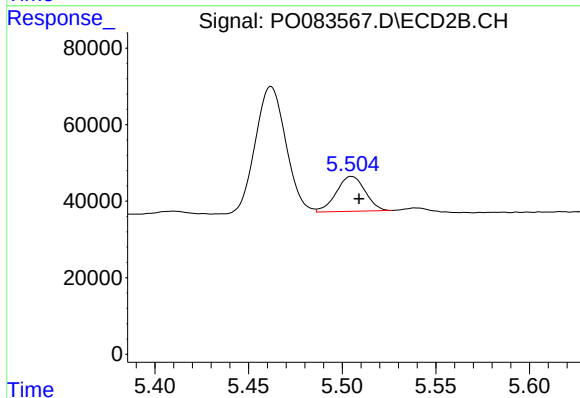
R.T.: 0.000 min  
Exp R.T.: 5.411 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

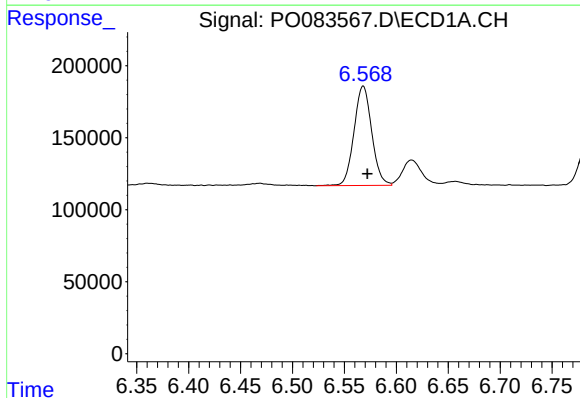
R.T.: 0.000 min  
Exp R.T.: 6.473 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



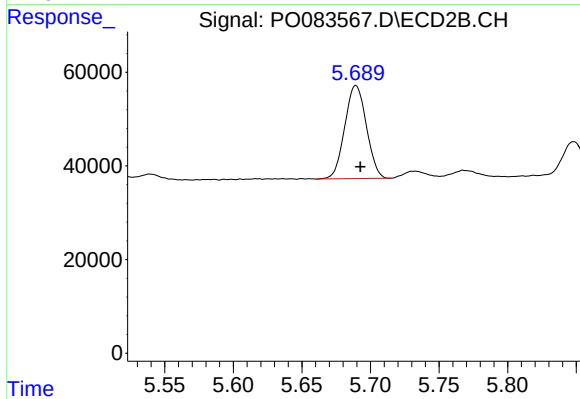
#14 AR-1232-4

R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 98270  
Conc: 276.86 ng/ml



#15 AR-1232-5

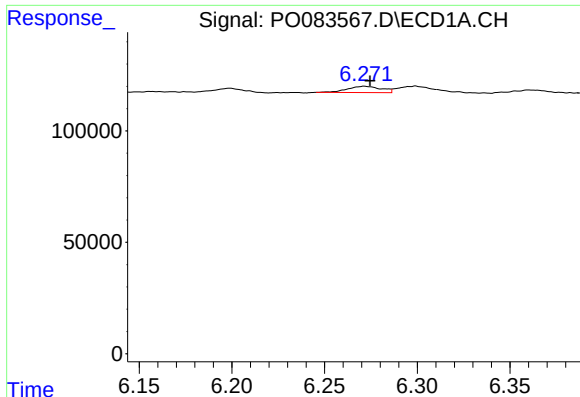
R.T.: 6.568 min  
Delta R.T.: -0.004 min  
Response: 819100  
Conc: 1310.46 ng/ml



#15 AR-1232-5

R.T.: 5.689 min  
Delta R.T.: -0.003 min  
Response: 218397  
Conc: 582.25 ng/ml

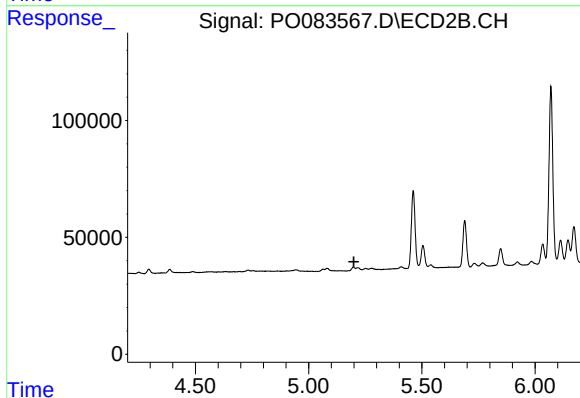




#16 AR-1242-1

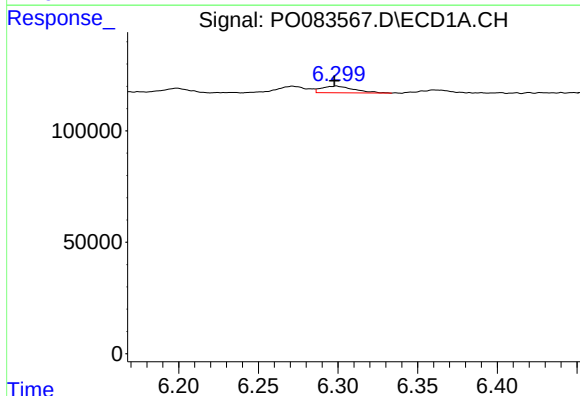
R.T.: 6.271 min  
Delta R.T.: -0.003 min  
Response: 36455  
Conc: 16.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



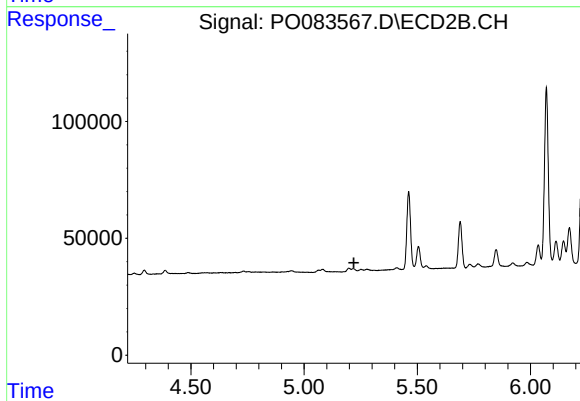
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.200 min  
Response: 0  
Conc: N.D.



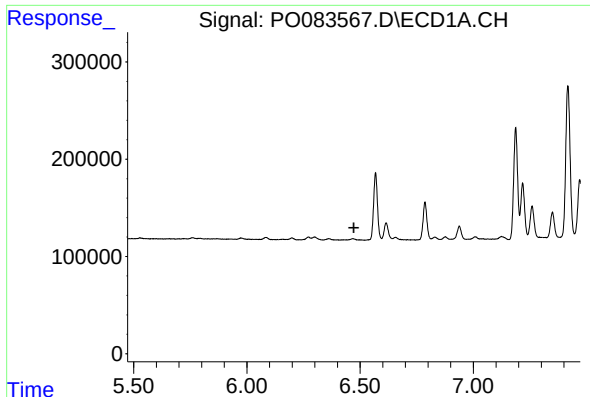
#17 AR-1242-2

R.T.: 6.299 min  
Delta R.T.: 0.001 min  
Response: 42730  
Conc: 13.58 ng/ml



#17 AR-1242-2

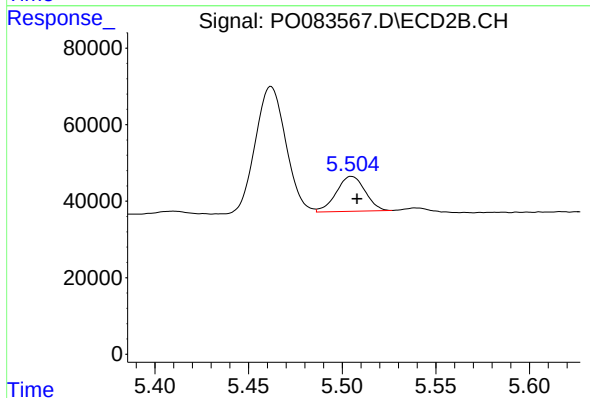
R.T.: 0.000 min  
Exp R.T. : 5.220 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

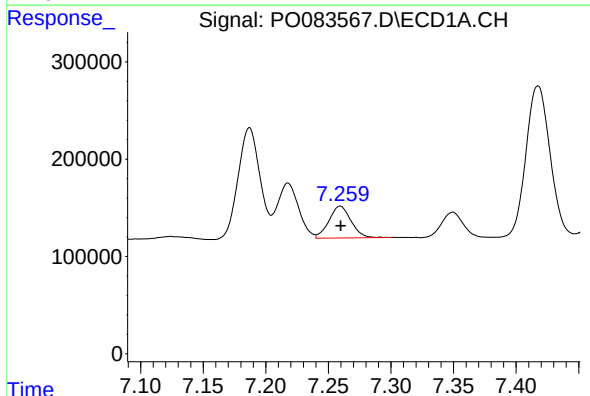
R.T.: 0.000 min  
Exp R.T.: 6.472 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



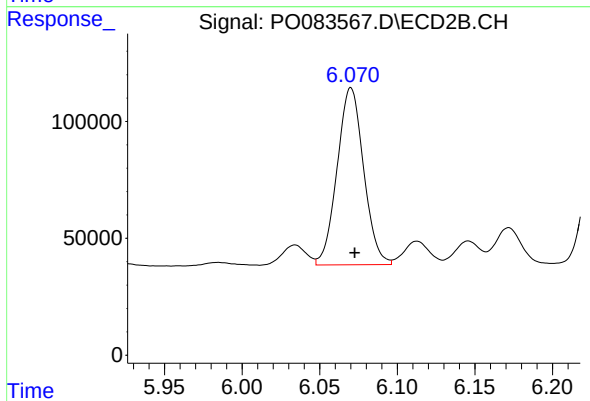
#19 AR-1242-4

R.T.: 5.505 min  
Delta R.T.: -0.003 min  
Response: 98270  
Conc: 152.97 ng/ml



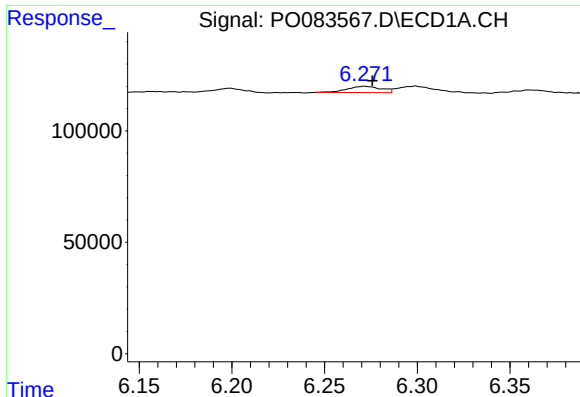
#20 AR-1242-5

R.T.: 7.259 min  
Delta R.T.: 0.000 min  
Response: 403480  
Conc: 231.39 ng/ml



#20 AR-1242-5

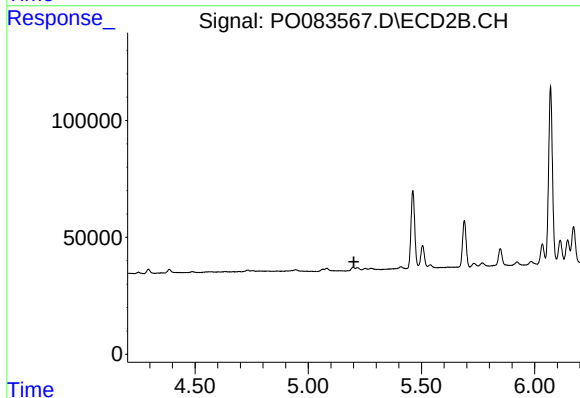
R.T.: 6.070 min  
Delta R.T.: -0.002 min  
Response: 900595  
Conc: 956.35 ng/ml



#21 AR-1248-1

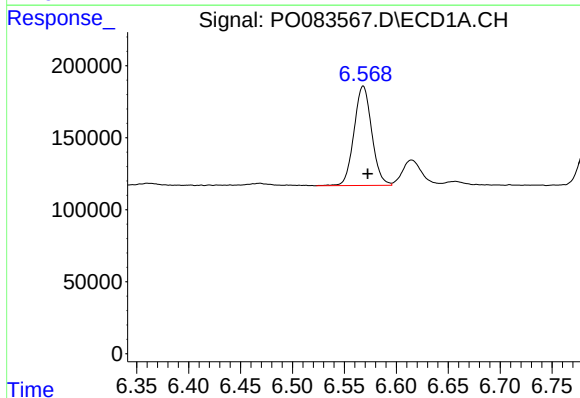
R.T.: 6.271 min  
Delta R.T.: -0.004 min  
Response: 36455  
Conc: 21.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



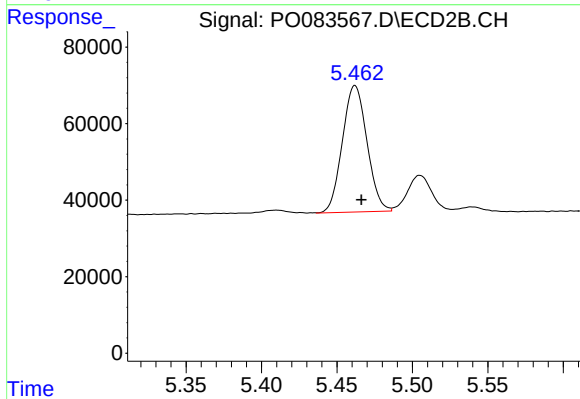
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.202 min  
Response: 0  
Conc: N.D.



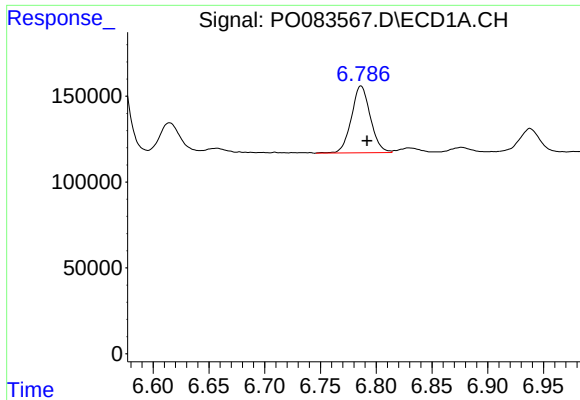
#22 AR-1248-2

R.T.: 6.568 min  
Delta R.T.: -0.004 min  
Response: 819100  
Conc: 351.20 ng/ml



#22 AR-1248-2

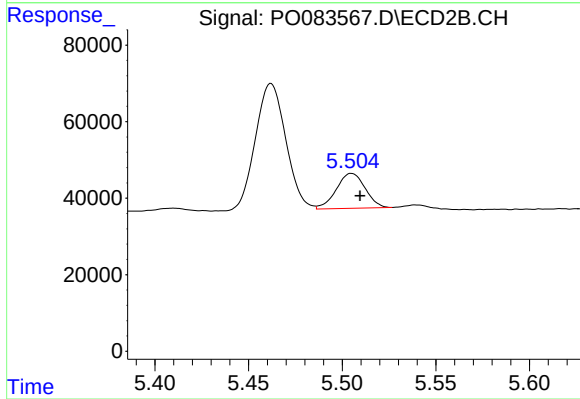
R.T.: 5.462 min  
Delta R.T.: -0.004 min  
Response: 375855  
Conc: 364.50 ng/ml



#23 AR-1248-3

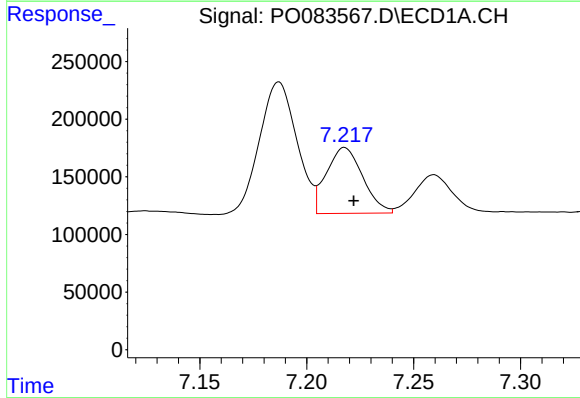
R.T.: 6.786 min  
Delta R.T.: -0.005 min  
Response: 461545  
Conc: 169.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



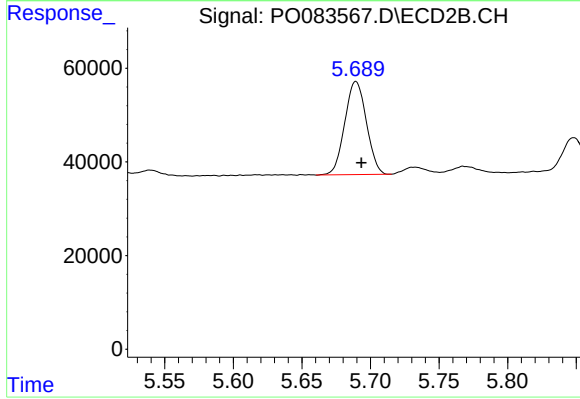
#23 AR-1248-3

R.T.: 5.505 min  
Delta R.T.: -0.005 min  
Response: 98270  
Conc: 102.45 ng/ml



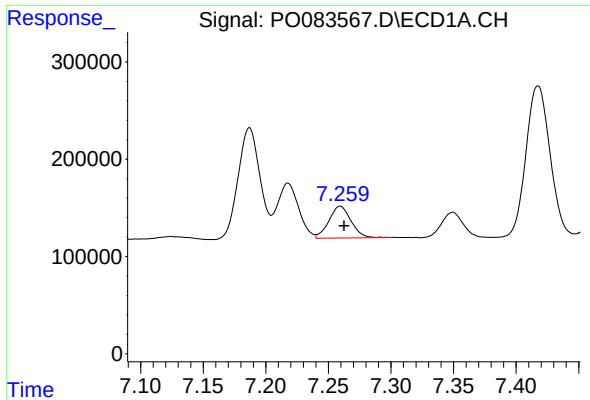
#24 AR-1248-4

R.T.: 7.218 min  
Delta R.T.: -0.004 min  
Response: 676292  
Conc: 223.68 ng/ml



#24 AR-1248-4

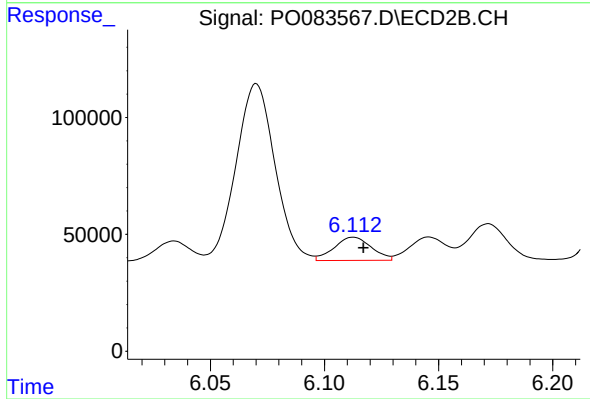
R.T.: 5.689 min  
Delta R.T.: -0.004 min  
Response: 218397  
Conc: 189.76 ng/ml



#25 AR-1248-5

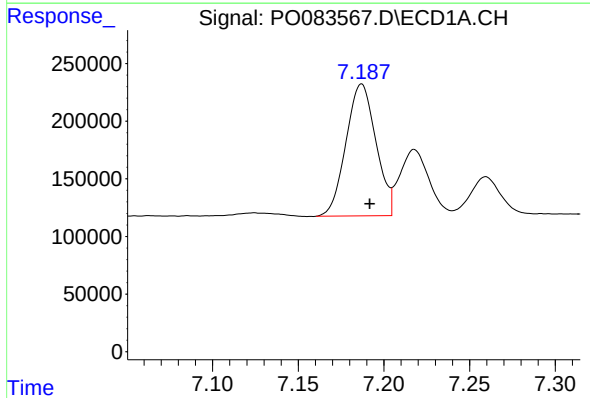
R.T.: 7.259 min  
Delta R.T.: -0.003 min  
Response: 403480  
Conc: 141.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



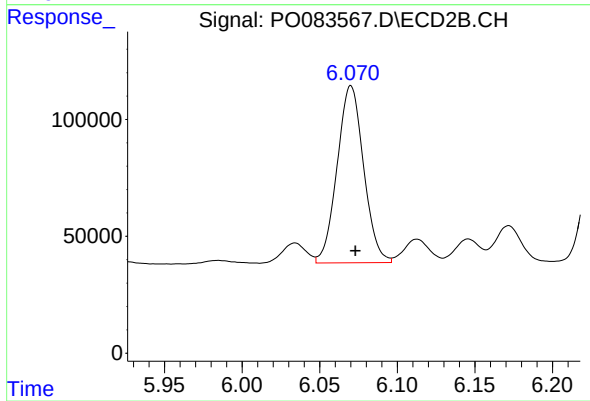
#25 AR-1248-5

R.T.: 6.113 min  
Delta R.T.: -0.004 min  
Response: 112860  
Conc: 86.76 ng/ml



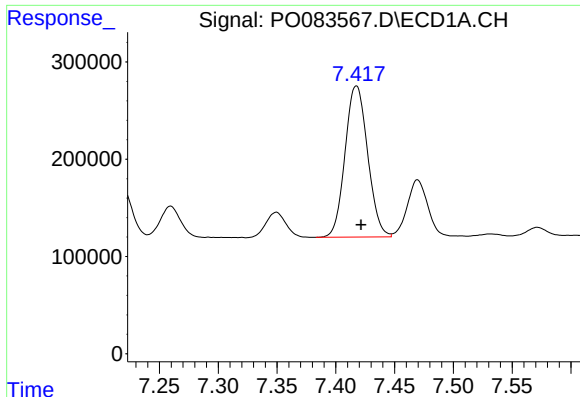
#26 AR-1254-1

R.T.: 7.187 min  
Delta R.T.: -0.005 min  
Response: 1393519  
Conc: 436.09 ng/ml



#26 AR-1254-1

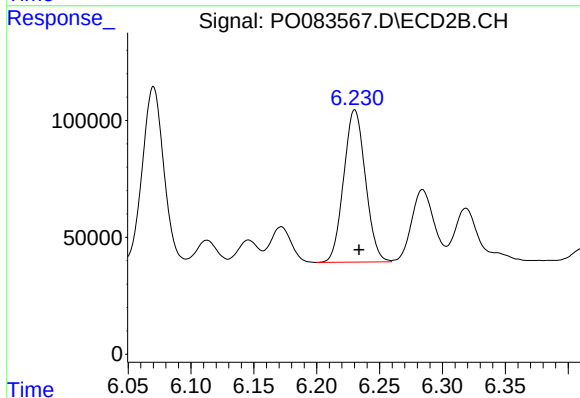
R.T.: 6.070 min  
Delta R.T.: -0.003 min  
Response: 900595  
Conc: 455.23 ng/ml



#27 AR-1254-2

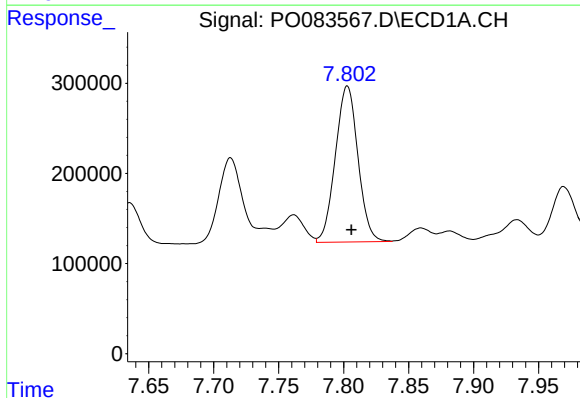
R.T.: 7.418 min  
Delta R.T.: -0.004 min  
Response: 2082037  
Conc: 451.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



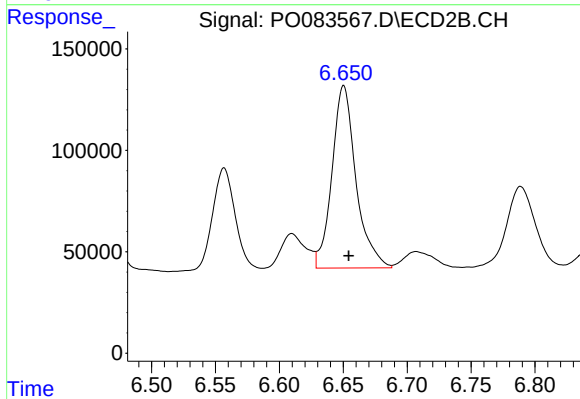
#27 AR-1254-2

R.T.: 6.230 min  
Delta R.T.: -0.003 min  
Response: 783562  
Conc: 451.72 ng/ml



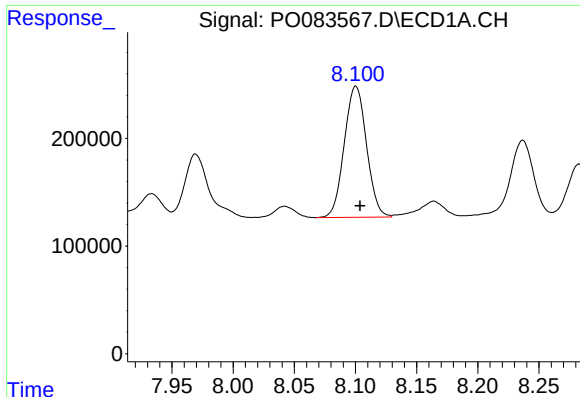
#28 AR-1254-3

R.T.: 7.803 min  
Delta R.T.: -0.003 min  
Response: 2096491  
Conc: 420.27 ng/ml



#28 AR-1254-3

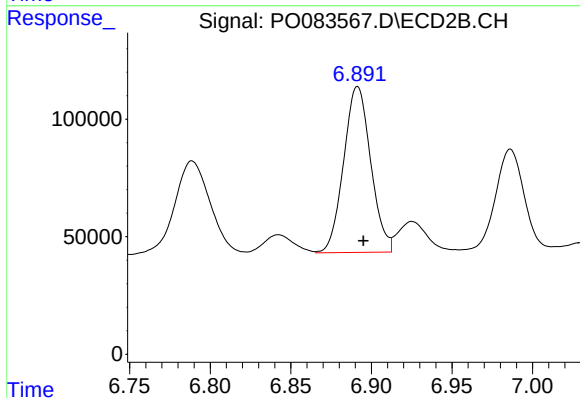
R.T.: 6.650 min  
Delta R.T.: -0.004 min  
Response: 1174057  
Conc: 452.53 ng/ml



#29 AR-1254-4

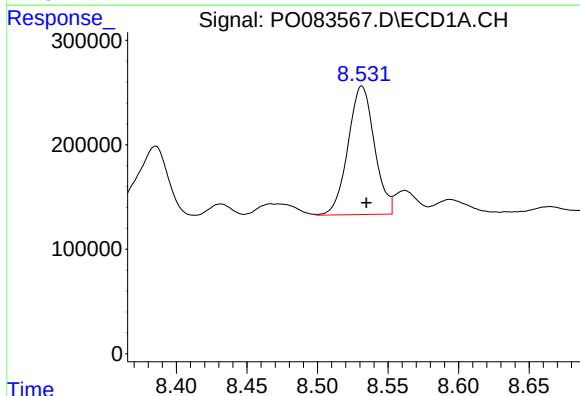
R.T.: 8.100 min  
Delta R.T.: -0.004 min  
Response: 1543895  
Conc: 433.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



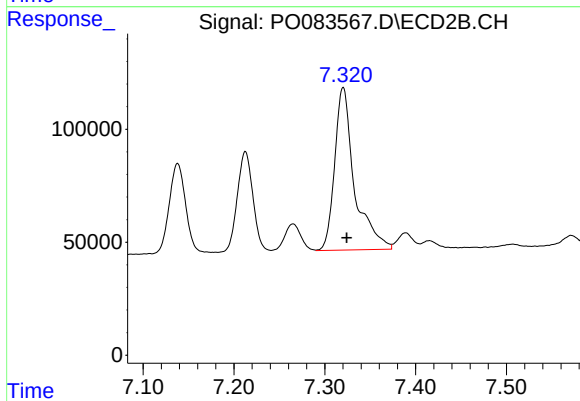
#29 AR-1254-4

R.T.: 6.891 min  
Delta R.T.: -0.004 min  
Response: 825388  
Conc: 436.80 ng/ml



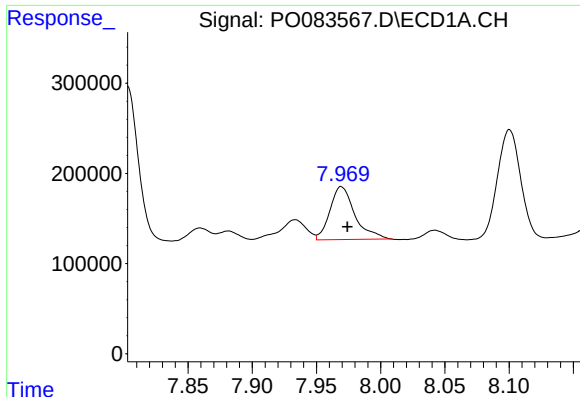
#30 AR-1254-5

R.T.: 8.531 min  
Delta R.T.: -0.003 min  
Response: 1602875  
Conc: 446.90 ng/ml



#30 AR-1254-5

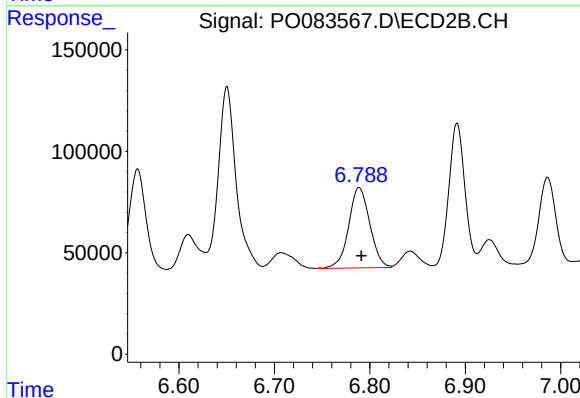
R.T.: 7.320 min  
Delta R.T.: -0.004 min  
Response: 1091631  
Conc: 447.18 ng/ml



#31 AR-1260-1

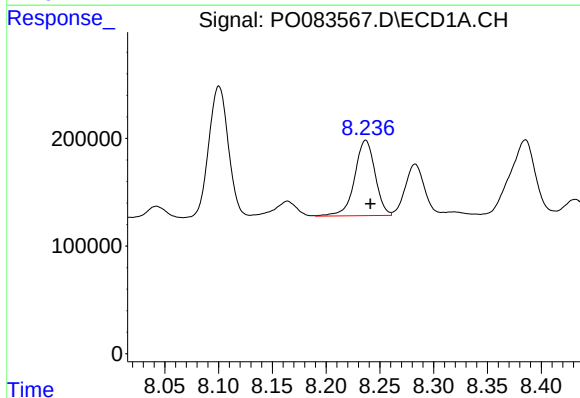
R.T.: 7.969 min  
Delta R.T.: -0.005 min  
Response: 795397  
Conc: 230.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



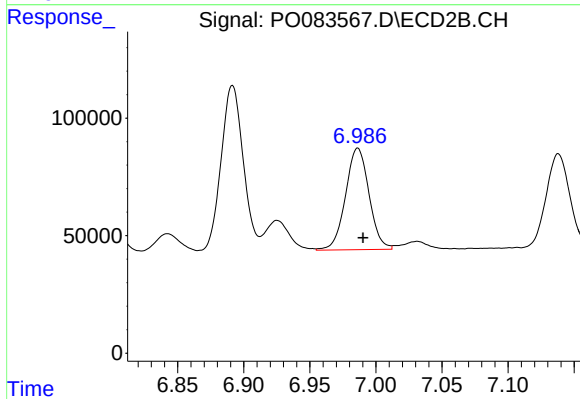
#31 AR-1260-1

R.T.: 6.789 min  
Delta R.T.: -0.003 min  
Response: 607401  
Conc: 314.13 ng/ml



#32 AR-1260-2

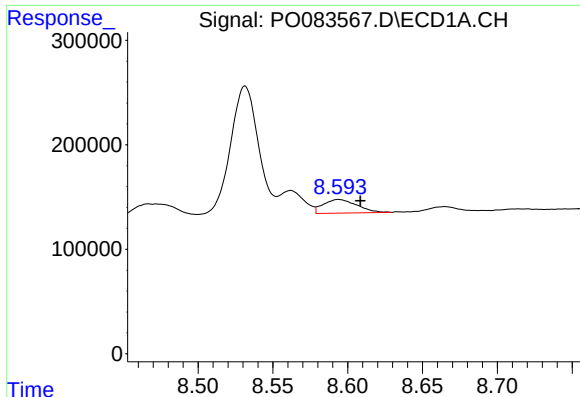
R.T.: 8.237 min  
Delta R.T.: -0.004 min  
Response: 927516  
Conc: 222.22 ng/ml



#32 AR-1260-2

R.T.: 6.986 min  
Delta R.T.: -0.004 min  
Response: 535848  
Conc: 219.26 ng/ml

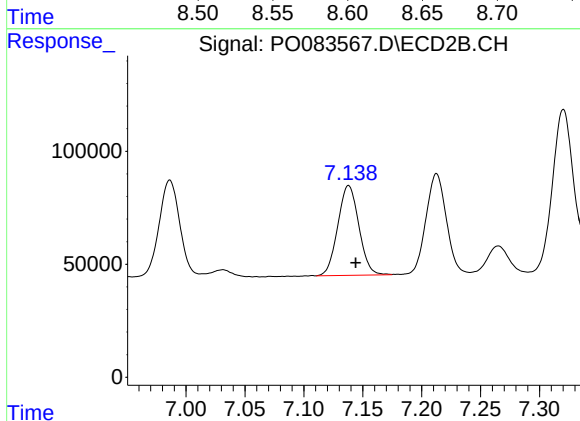




#33 AR-1260-3

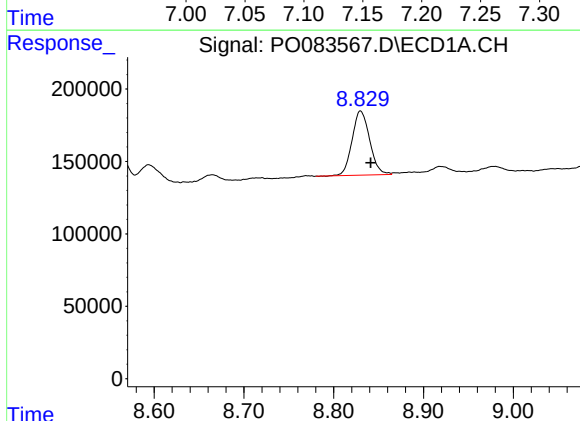
R.T.: 8.594 min  
Delta R.T.: -0.015 min  
Response: 205632  
Conc: 65.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



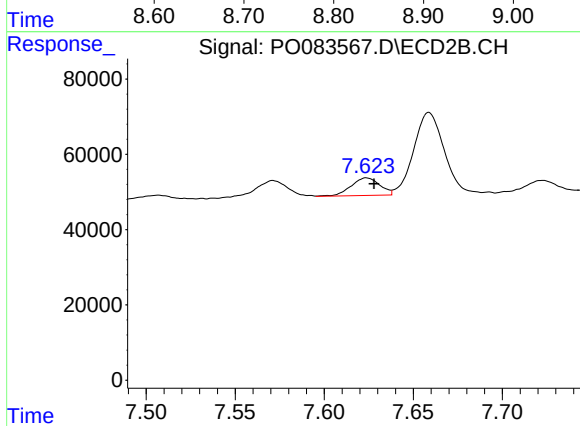
#33 AR-1260-3

R.T.: 7.138 min  
Delta R.T.: -0.006 min  
Response: 495833  
Conc: 216.44 ng/ml



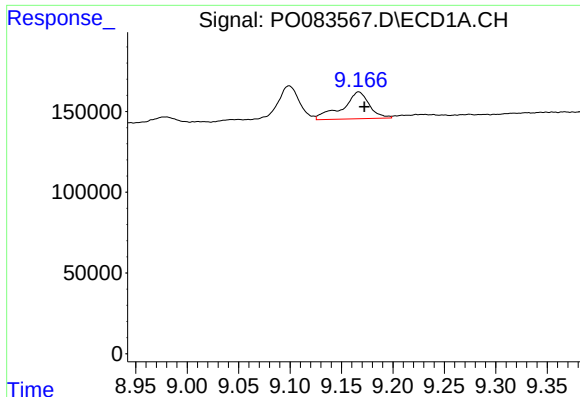
#34 AR-1260-4

R.T.: 8.830 min  
Delta R.T.: -0.011 min  
Response: 602030  
Conc: 171.94 ng/ml



#34 AR-1260-4

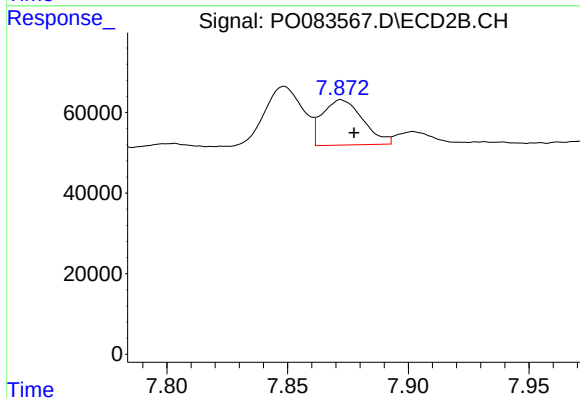
R.T.: 7.624 min  
Delta R.T.: -0.004 min  
Response: 52387  
Conc: 28.81 ng/ml



#35 AR-1260-5

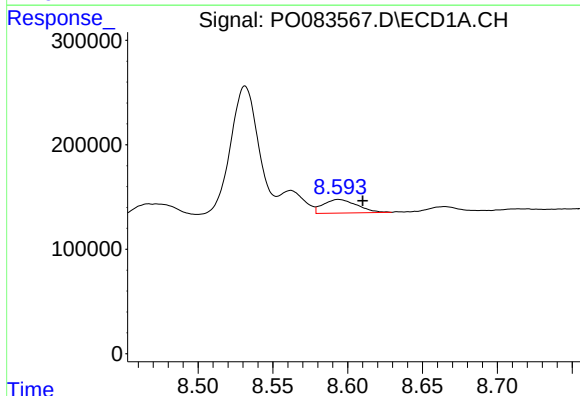
R.T.: 9.167 min  
Delta R.T.: -0.006 min  
Response: 303341  
Conc: 43.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



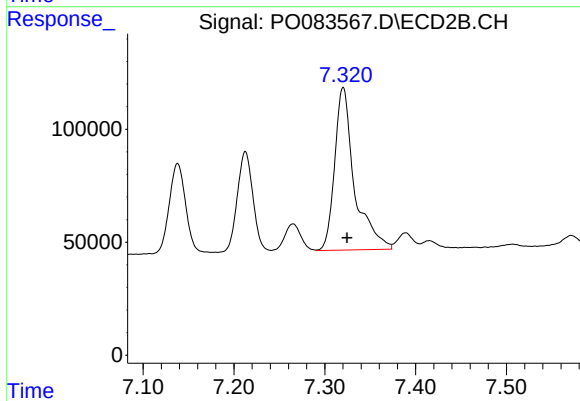
#35 AR-1260-5

R.T.: 7.872 min  
Delta R.T.: -0.005 min  
Response: 131834  
Conc: 28.06 ng/ml



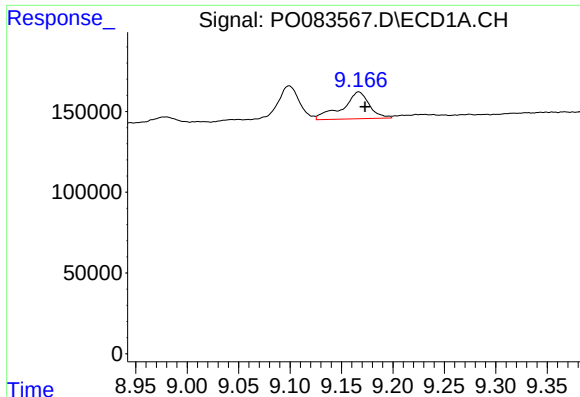
#36 AR-1262-1

R.T.: 8.594 min  
Delta R.T.: -0.016 min  
Response: 205632  
Conc: 49.50 ng/ml



#36 AR-1262-1

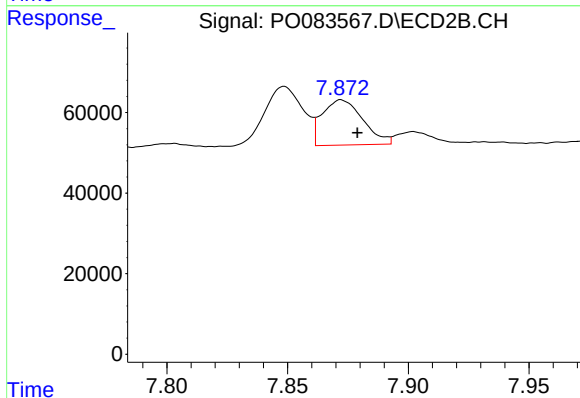
R.T.: 7.320 min  
Delta R.T.: -0.004 min  
Response: 1091631  
Conc: 855.03 ng/ml



#37 AR-1262-2

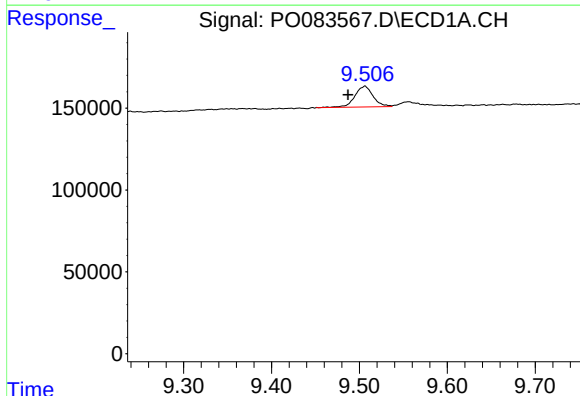
R.T.: 9.167 min  
Delta R.T.: -0.006 min  
Response: 303341  
Conc: 41.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



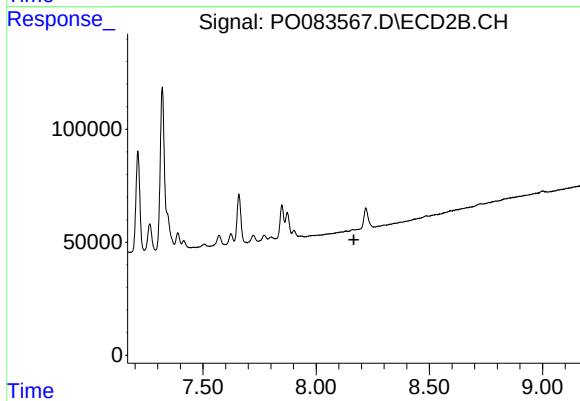
#37 AR-1262-2

R.T.: 7.872 min  
Delta R.T.: -0.007 min  
Response: 131834  
Conc: 28.12 ng/ml



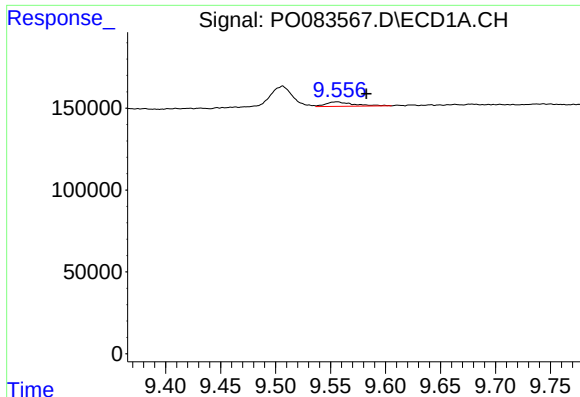
#38 AR-1262-3

R.T.: 9.506 min  
Delta R.T.: 0.019 min  
Response: 183033  
Conc: 54.88 ng/ml



#38 AR-1262-3

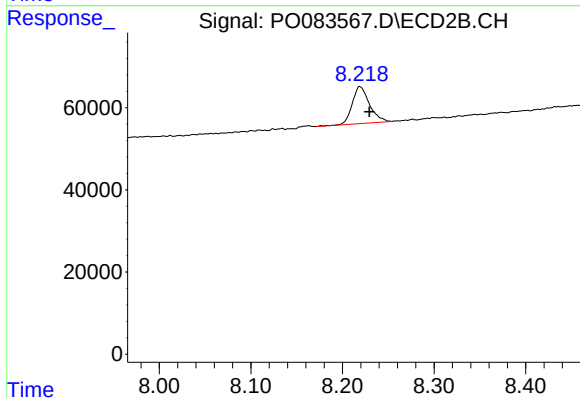
R.T.: 0.000 min  
Exp R.T. : 8.166 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

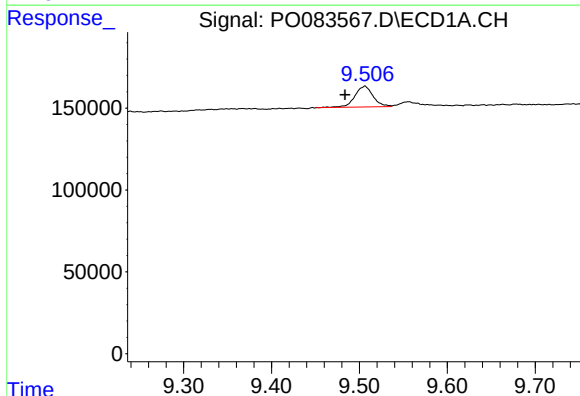
R.T.: 9.556 min  
Delta R.T.: -0.027 min  
Response: 47961  
Conc: 24.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



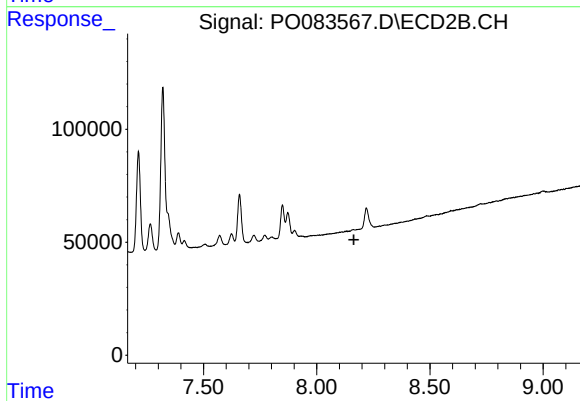
#39 AR-1262-4

R.T.: 8.219 min  
Delta R.T.: -0.010 min  
Response: 118298  
Conc: 35.17 ng/ml



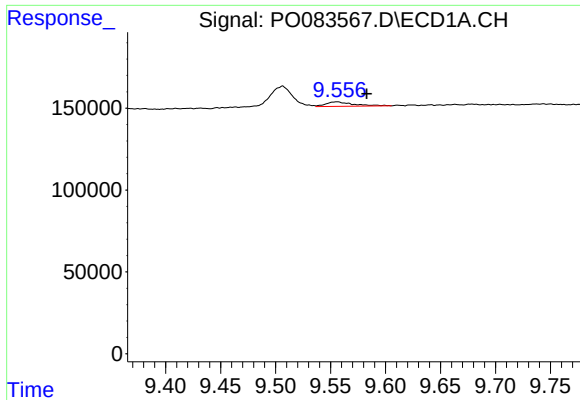
#41 AR-1268-1

R.T.: 9.506 min  
Delta R.T.: 0.023 min  
Response: 183033  
Conc: 20.74 ng/ml



#41 AR-1268-1

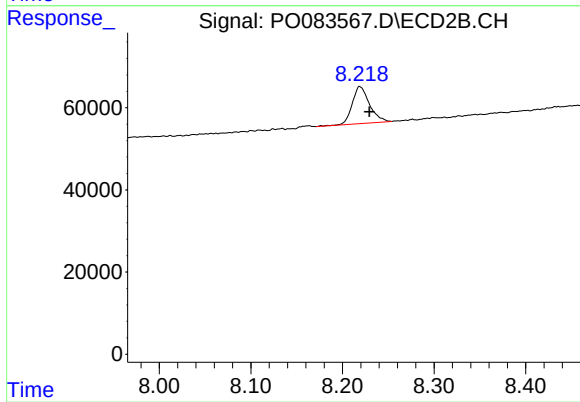
R.T.: 0.000 min  
Exp R.T. : 8.164 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 9.556 min  
Delta R.T.: -0.027 min  
Response: 47961  
Conc: 5.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#42 AR-1268-2

R.T.: 8.219 min  
Delta R.T.: -0.010 min  
Response: 118298  
Conc: 24.23 ng/ml