

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0021723\  
 Data File : P0092623.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Feb 2023 12:32  
 Operator : YP/AJ  
 Sample : 01591-02  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 T2911-2914

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 19 03:28:06 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0012323.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jan 24 04:40:59 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 4.447  | 3.643  | 43053132 | 18112724 | 14.872  | 12.899    |
| 2)                          | SA Decachlor... | 10.375 | 8.677  | 23559326 | 10566716 | 11.415  | 9.360     |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.606  | 4.723  | 6159442  | 509279   | 67.348  | 11.081 #  |
| 4)                          | L1 AR-1016-2    | 5.606f | 4.769  | 6159442  | 650735   | 45.997  | 9.923 #   |
| 5)                          | L1 AR-1016-3    | 5.716  | 4.974f | 2460638  | 352212   | 28.594  | 9.962 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.974  | 0        | 352212   | N.D.    | 11.323 #  |
| 7)                          | L1 AR-1016-5    | 6.054f | 0.000  | 810077   | 0        | 11.275  | N.D. #    |
| 8)                          | L2 AR-1221-1    | 4.655  | 3.884  | 20349167 | 3236360  | 538.266 | 170.959 # |
| 9)                          | L2 AR-1221-2    | 4.744  | 3.945  | 4716608  | 3192841  | 170.432 | 227.184 # |
| 10)                         | L2 AR-1221-3    | 4.836  | 4.033  | 3555395  | 1927395  | 42.134  | 46.027    |
| 11)                         | L3 AR-1232-1    | 4.836  | 4.033  | 3555395  | 1927395  | 51.382  | 54.795    |
| 12)                         | L3 AR-1232-2    | 5.342  | 4.769  | 4995052  | 650735   | 142.966 | 21.228 #  |
| 13)                         | L3 AR-1232-3    | 5.606f | 4.974f | 6159442  | 352212   | 100.608 | 21.877 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.974f | 0        | 352212   | N.D.    | 21.564 #  |
| 15)                         | L3 AR-1232-5    | 5.949  | 0.000  | 1192096  | 0        | 48.235  | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.606  | 4.723  | 6159442  | 509279   | 78.979  | 13.057 #  |
| 17)                         | L4 AR-1242-2    | 5.606f | 4.769  | 6159442  | 650735   | 54.719  | 11.982 #  |
| 18)                         | L4 AR-1242-3    | 5.716  | 4.974f | 2460638  | 352212   | 33.896  | 12.093 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.974f | 0        | 352212   | N.D.    | 10.950 #  |
| 20)                         | L4 AR-1242-5    | 6.543  | 5.534  | 1860623  | 486226   | 33.331  | 13.431 #  |
| 21)                         | L5 AR-1248-1    | 5.606  | 4.723  | 6159442  | 509279   | 106.116 | 17.482 #  |
| 22)                         | L5 AR-1248-2    | 5.949  | 4.974  | 1192096  | 352212   | 13.045  | 7.807 #   |
| 23)                         | L5 AR-1248-3    | 6.054f | 4.974f | 810077   | 352212   | 8.260   | 7.552     |
| 24)                         | L5 AR-1248-4    | 6.543  | 0.000  | 1860623  | 0        | 19.004  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.543  | 5.572  | 1860623  | 390969   | 19.735  | 8.258 #   |
| 26)                         | L6 AR-1254-1    | 6.543f | 5.534  | 1860623  | 486226   | 16.805  | 6.203 #   |
| 27)                         | L6 AR-1254-2    | 6.732  | 5.751f | 653502   | 1042664  | 4.020   | 15.069 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.105  | 0        | 1780661  | N.D.    | 16.683 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.332  | 0        | 862125   | N.D.    | 14.638 #  |
| 30)                         | L6 AR-1254-5    | 7.834  | 6.729  | 1506884  | 1112683  | 10.710  | 12.225    |
| 31)                         | L7 AR-1260-1    | 7.293  | 6.186f | 1905861  | 632344   | 14.465  | 8.371 #   |
| 32)                         | L7 AR-1260-2    | 7.523  | 6.416  | 3350637  | 2403613  | 22.596  | 27.434    |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.559  | 0        | 729272   | N.D.    | 8.412 #   |
| 36)                         | L8 AR-1262-1    | 7.834  | 6.729  | 1506884  | 1112683  | 13.946  | 23.975 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.431  | 0        | 534983   | N.D.    | 1.264 #   |
| -----                       |                 |        |        |          |          |         |           |

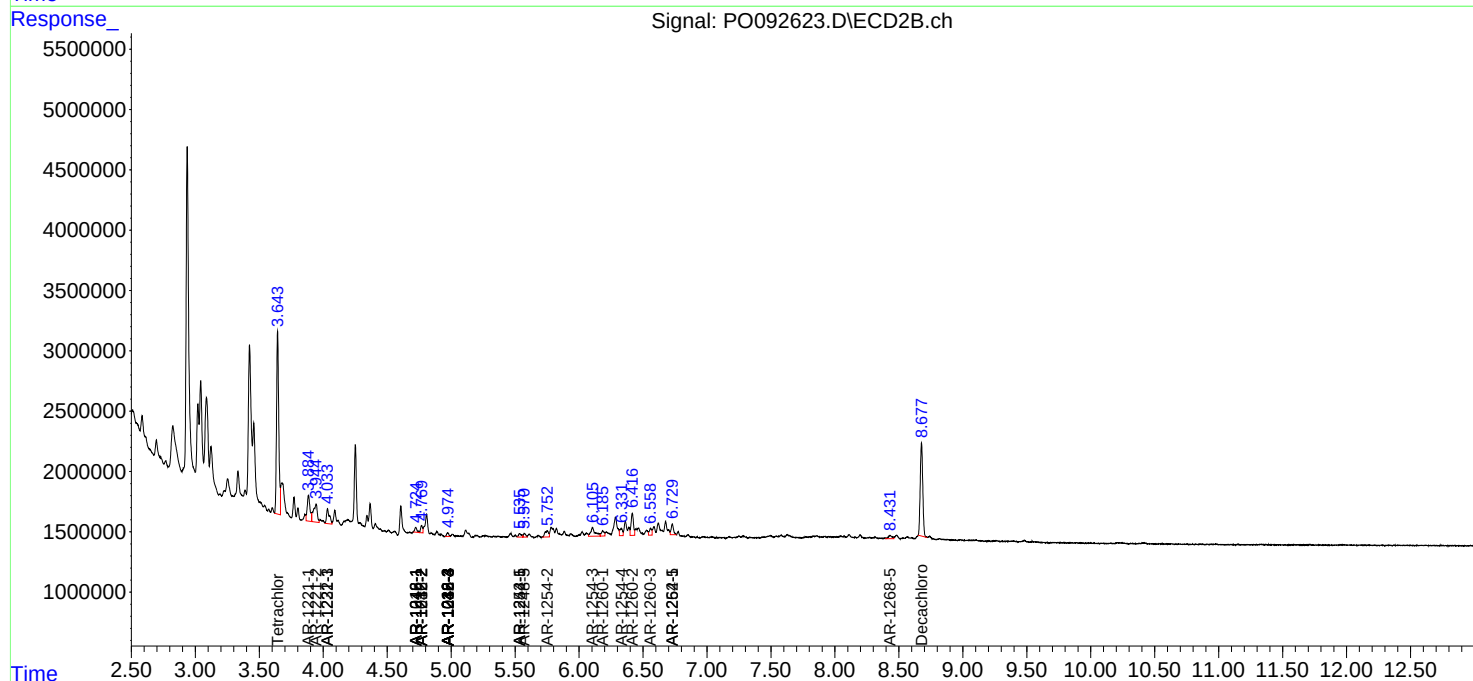
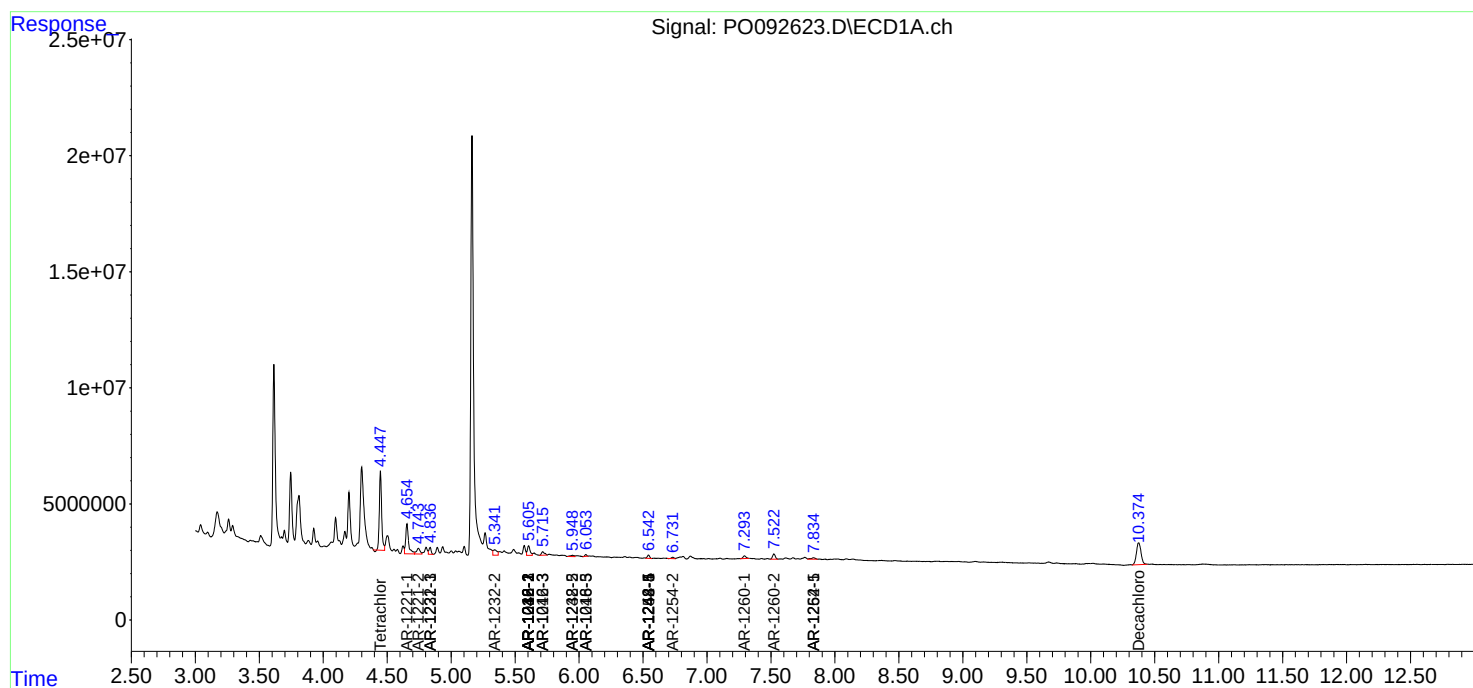
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

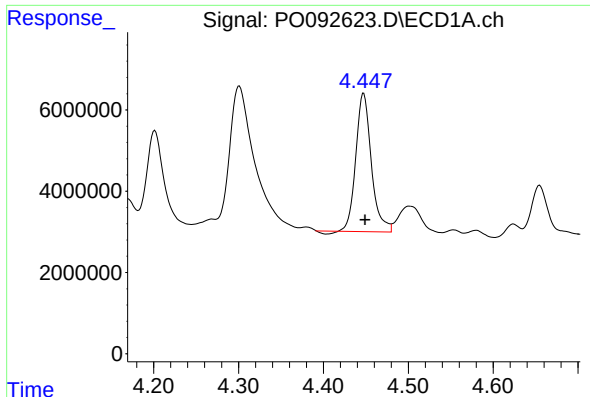
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0021723\  
Data File : P0092623.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Feb 2023 12:32  
Operator : YP/AJ  
Sample : 01591-02  
Misc :  
ALS Vial : 60 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 19 03:28:06 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0012323.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jan 24 04:40:59 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

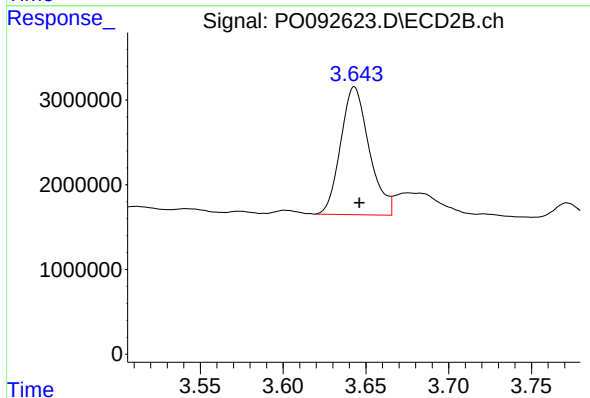




#1 Tetrachloro-m-xylene

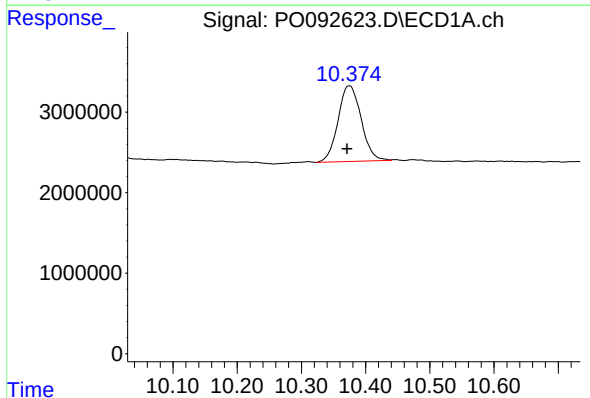
R.T.: 4.447 min  
Delta R.T.: -0.002 min  
Response: 43053132  
Conc: 14.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



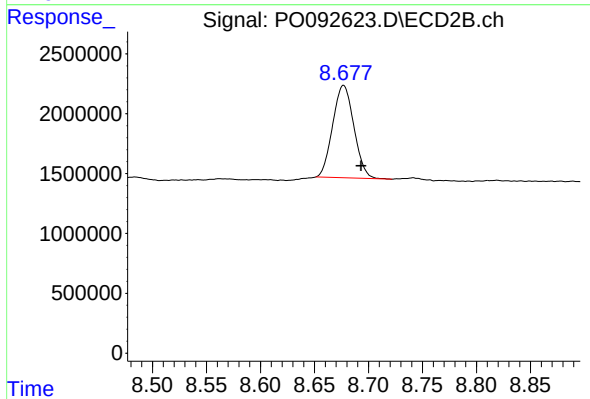
#1 Tetrachloro-m-xylene

R.T.: 3.643 min  
Delta R.T.: -0.003 min  
Response: 18112724  
Conc: 12.90 ng/ml



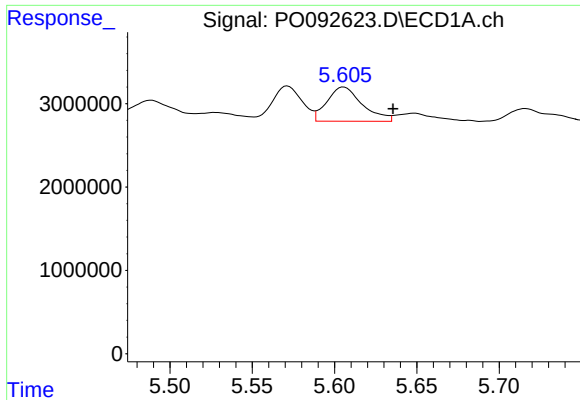
#2 Decachlorobiphenyl

R.T.: 10.375 min  
Delta R.T.: 0.004 min  
Response: 23559326  
Conc: 11.41 ng/ml



#2 Decachlorobiphenyl

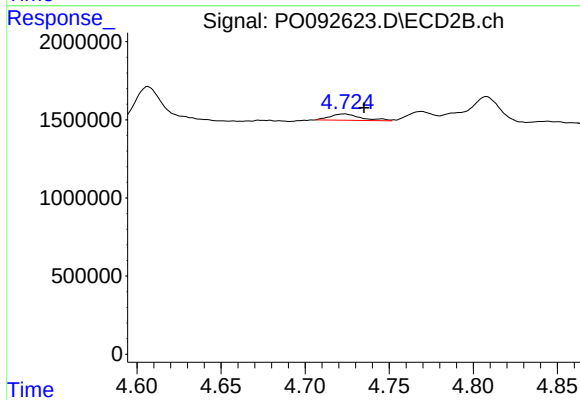
R.T.: 8.677 min  
Delta R.T.: -0.016 min  
Response: 10566716  
Conc: 9.36 ng/ml



#3 AR-1016-1

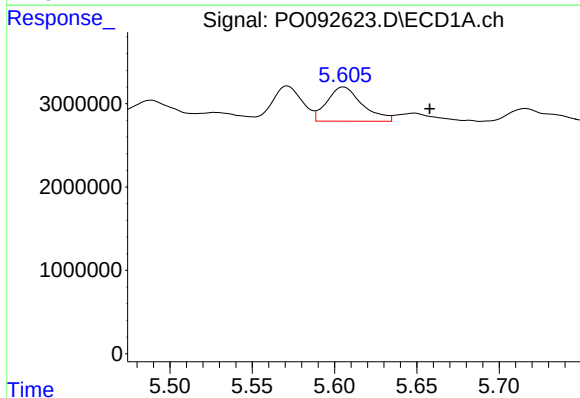
R.T.: 5.606 min  
Delta R.T.: -0.030 min  
Response: 6159442  
Conc: 67.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



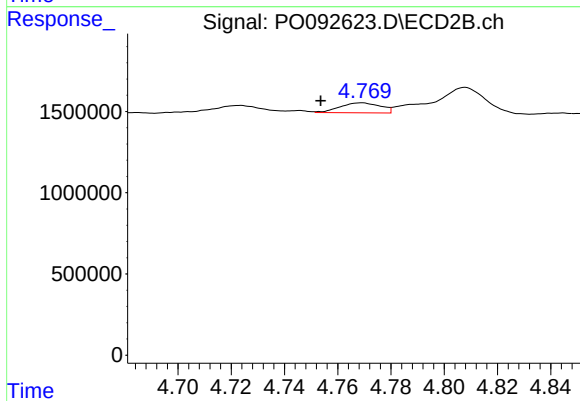
#3 AR-1016-1

R.T.: 4.723 min  
Delta R.T.: -0.012 min  
Response: 509279  
Conc: 11.08 ng/ml



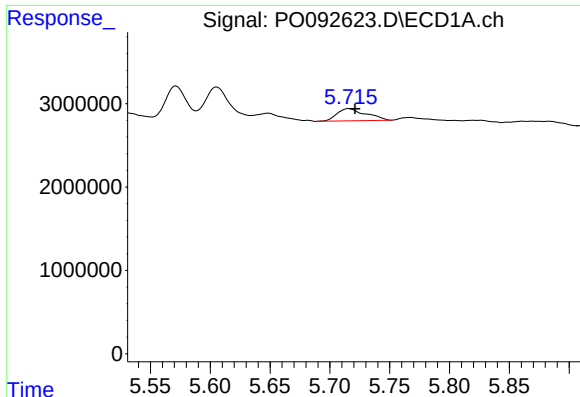
#4 AR-1016-2

R.T.: 5.606 min  
Delta R.T.: -0.052 min  
Response: 6159442  
Conc: 46.00 ng/ml



#4 AR-1016-2

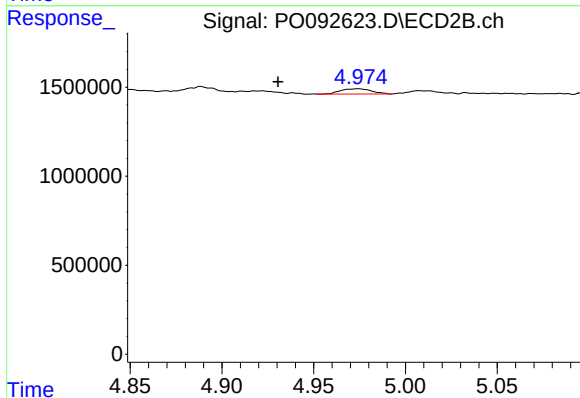
R.T.: 4.769 min  
Delta R.T.: 0.015 min  
Response: 650735  
Conc: 9.92 ng/ml



#5 AR-1016-3

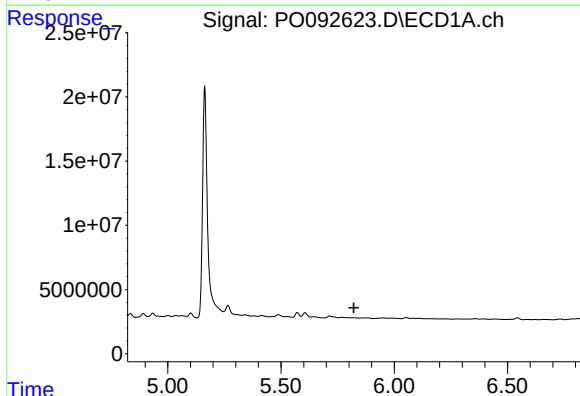
R.T.: 5.716 min  
Delta R.T.: -0.005 min  
Response: 2460638  
Conc: 28.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



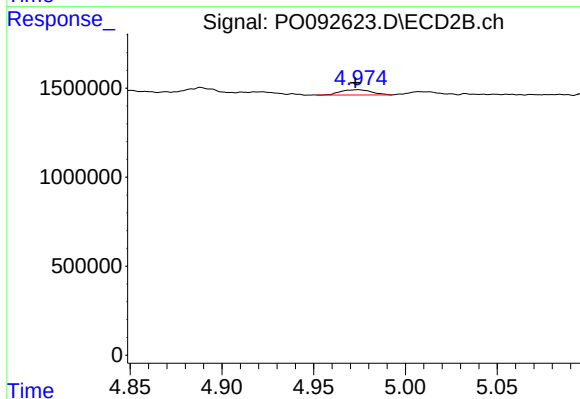
#5 AR-1016-3

R.T.: 4.974 min  
Delta R.T.: 0.044 min  
Response: 352212  
Conc: 9.96 ng/ml



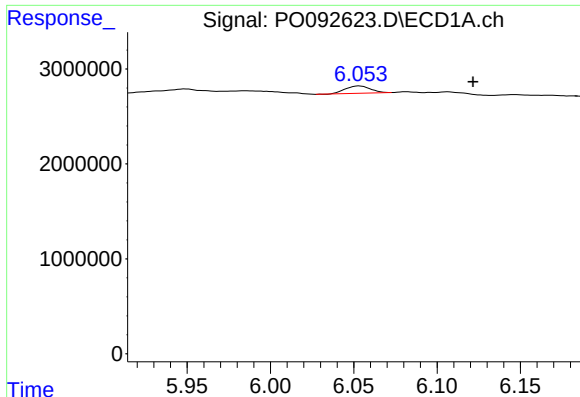
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.821 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

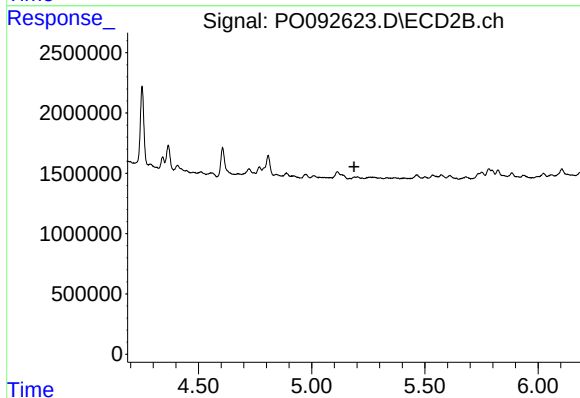
R.T.: 4.974 min  
Delta R.T.: 0.002 min  
Response: 352212  
Conc: 11.32 ng/ml



#7 AR-1016-5

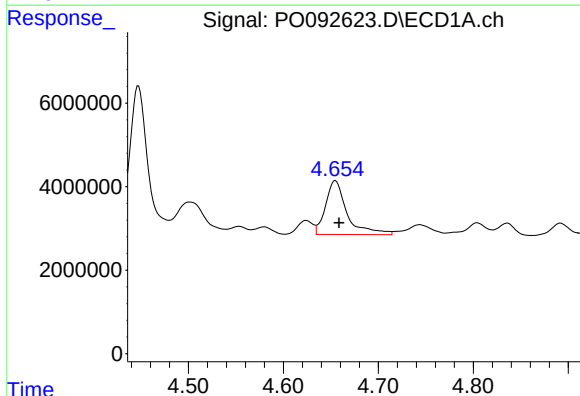
R.T.: 6.054 min  
Delta R.T.: -0.068 min  
Response: 810077  
Conc: 11.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



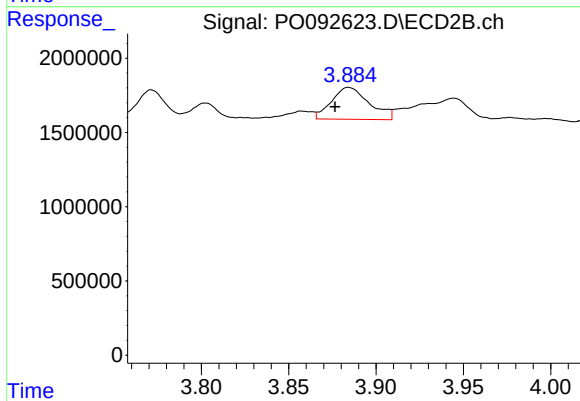
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.187 min  
Response: 0  
Conc: N.D.



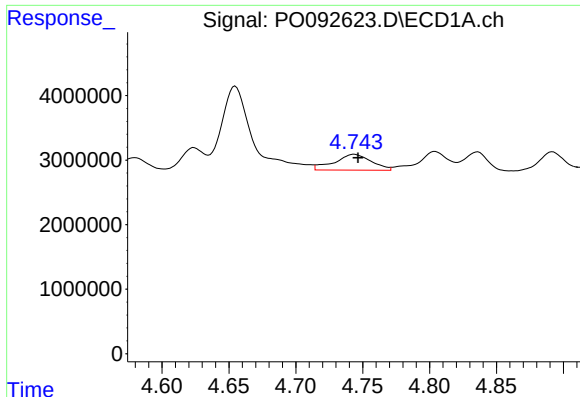
#8 AR-1221-1

R.T.: 4.655 min  
Delta R.T.: -0.004 min  
Response: 20349167  
Conc: 538.27 ng/ml



#8 AR-1221-1

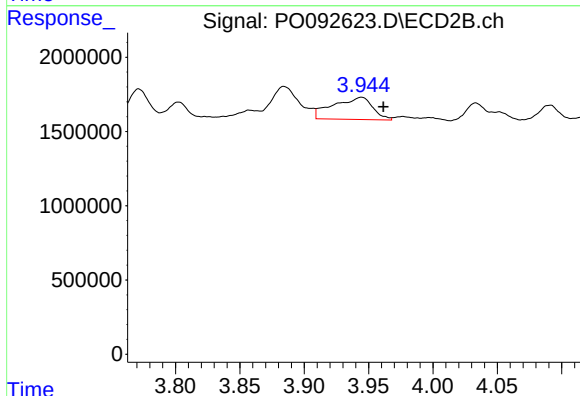
R.T.: 3.884 min  
Delta R.T.: 0.008 min  
Response: 3236360  
Conc: 170.96 ng/ml



#9 AR-1221-2

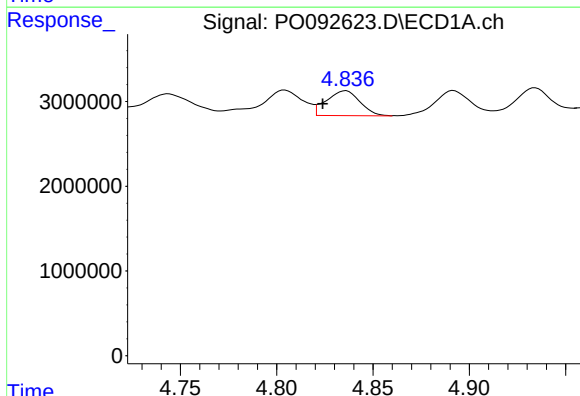
R.T.: 4.744 min  
Delta R.T.: -0.003 min  
Response: 4716608  
Conc: 170.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



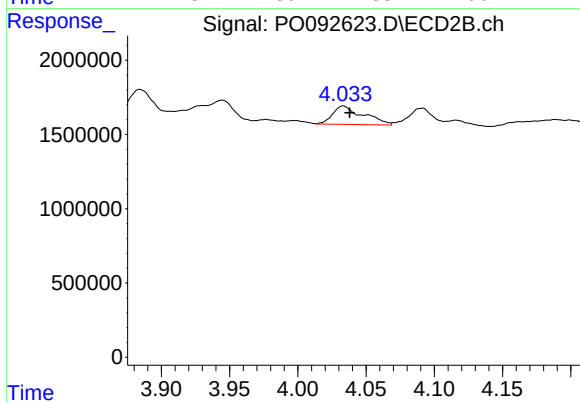
#9 AR-1221-2

R.T.: 3.945 min  
Delta R.T.: -0.017 min  
Response: 3192841  
Conc: 227.18 ng/ml



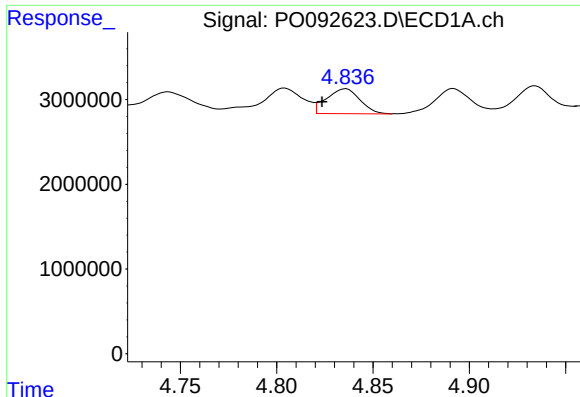
#10 AR-1221-3

R.T.: 4.836 min  
Delta R.T.: 0.012 min  
Response: 3555395  
Conc: 42.13 ng/ml



#10 AR-1221-3

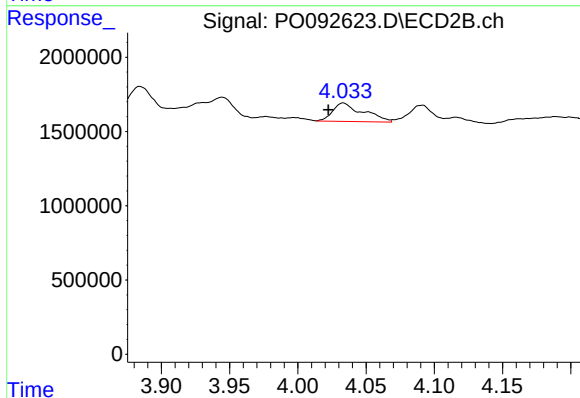
R.T.: 4.033 min  
Delta R.T.: -0.005 min  
Response: 1927395  
Conc: 46.03 ng/ml



#11 AR-1232-1

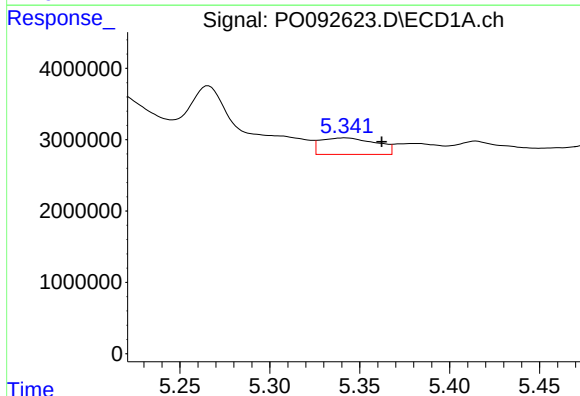
R.T.: 4.836 min  
Delta R.T.: 0.012 min  
Response: 3555395  
Conc: 51.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



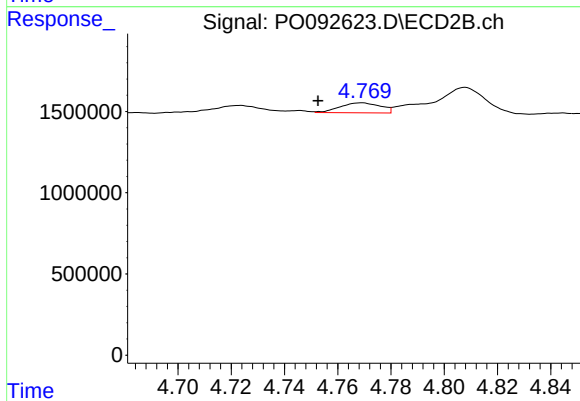
#11 AR-1232-1

R.T.: 4.033 min  
Delta R.T.: 0.011 min  
Response: 1927395  
Conc: 54.79 ng/ml



#12 AR-1232-2

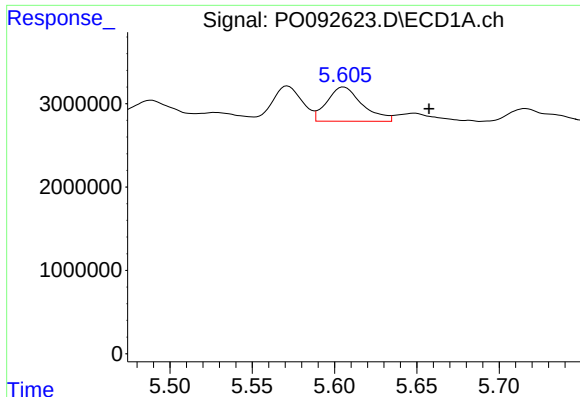
R.T.: 5.342 min  
Delta R.T.: -0.020 min  
Response: 4995052  
Conc: 142.97 ng/ml



#12 AR-1232-2

R.T.: 4.769 min  
Delta R.T.: 0.016 min  
Response: 650735  
Conc: 21.23 ng/ml

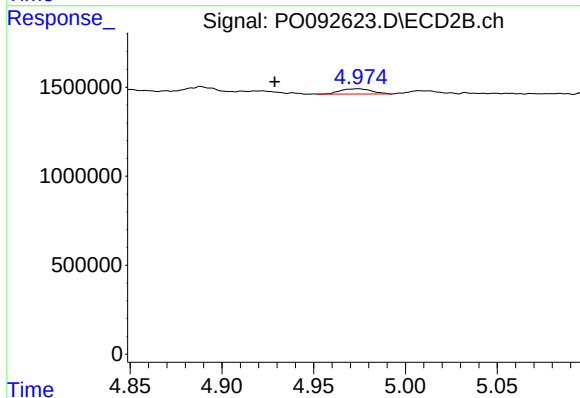




#13 AR-1232-3

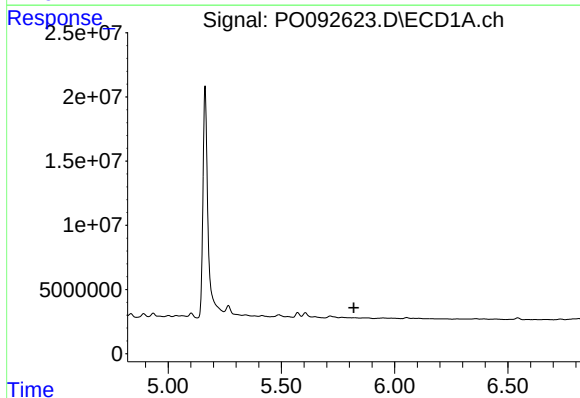
R.T.: 5.606 min  
Delta R.T.: -0.052 min  
Response: 6159442  
Conc: 100.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



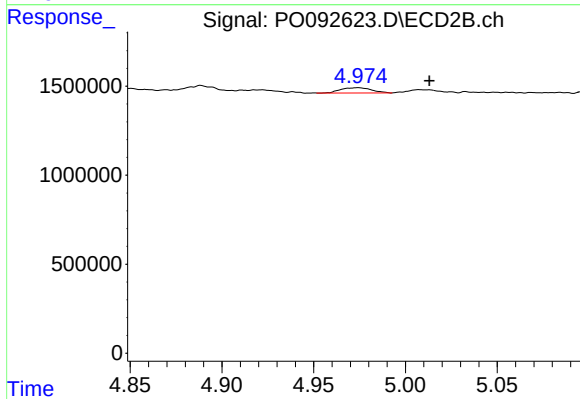
#13 AR-1232-3

R.T.: 4.974 min  
Delta R.T.: 0.045 min  
Response: 352212  
Conc: 21.88 ng/ml



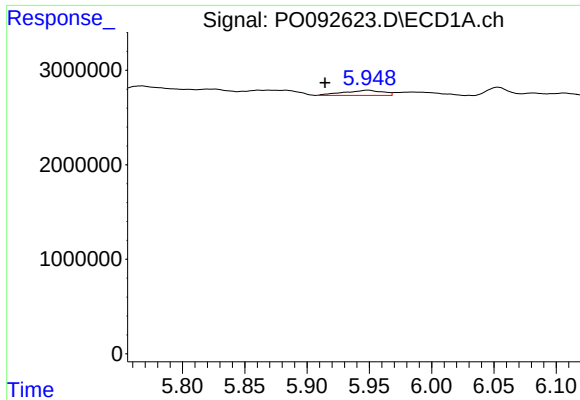
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.820 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

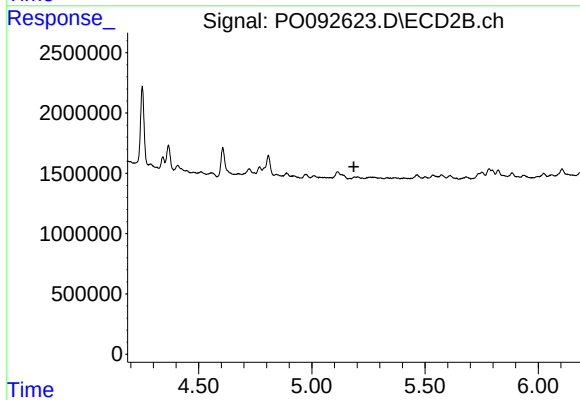
R.T.: 4.974 min  
Delta R.T.: -0.039 min  
Response: 352212  
Conc: 21.56 ng/ml



#15 AR-1232-5

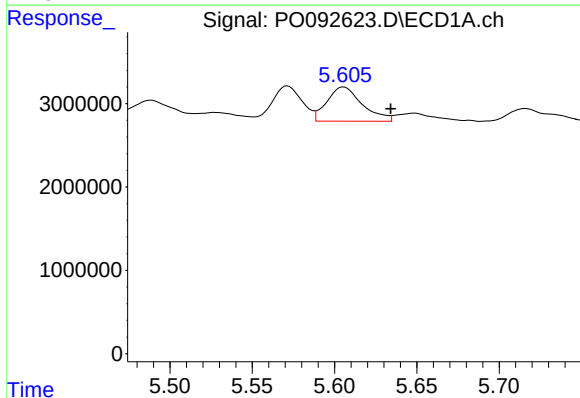
R.T.: 5.949 min  
Delta R.T.: 0.035 min  
Response: 1192096  
Conc: 48.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



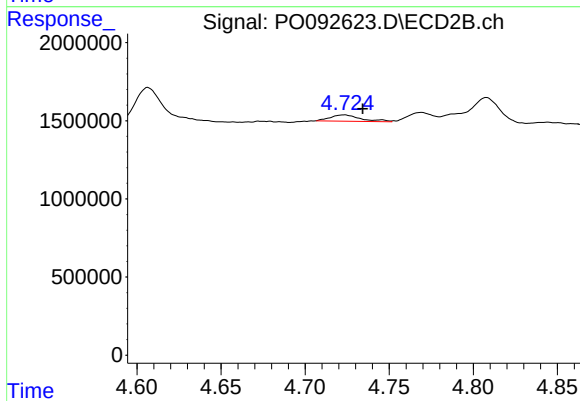
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.186 min  
Response: 0  
Conc: N.D.



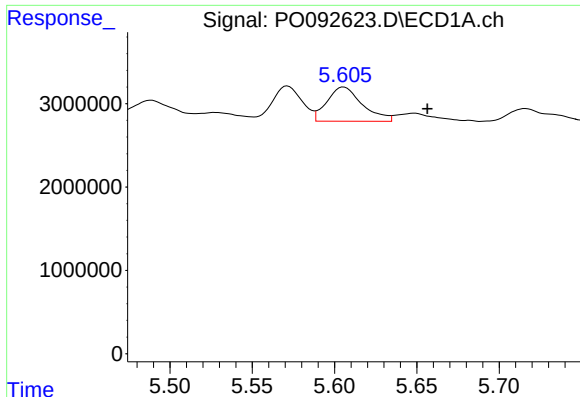
#16 AR-1242-1

R.T.: 5.606 min  
Delta R.T.: -0.029 min  
Response: 6159442  
Conc: 78.98 ng/ml



#16 AR-1242-1

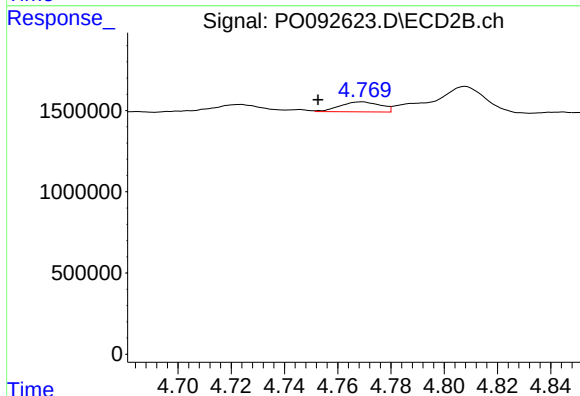
R.T.: 4.723 min  
Delta R.T.: -0.011 min  
Response: 509279  
Conc: 13.06 ng/ml



#17 AR-1242-2

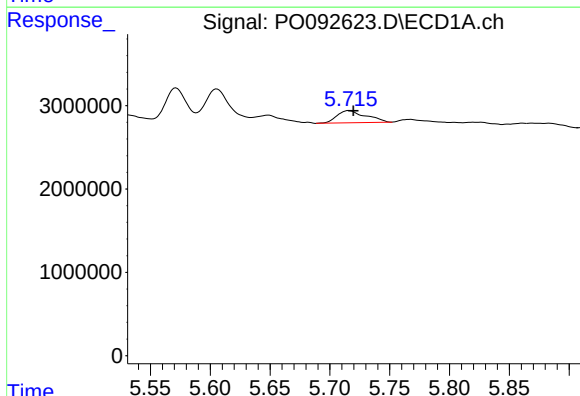
R.T.: 5.606 min  
Delta R.T.: -0.051 min  
Response: 6159442  
Conc: 54.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



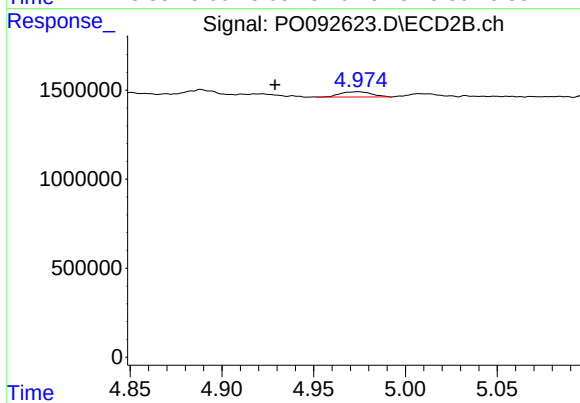
#17 AR-1242-2

R.T.: 4.769 min  
Delta R.T.: 0.016 min  
Response: 650735  
Conc: 11.98 ng/ml



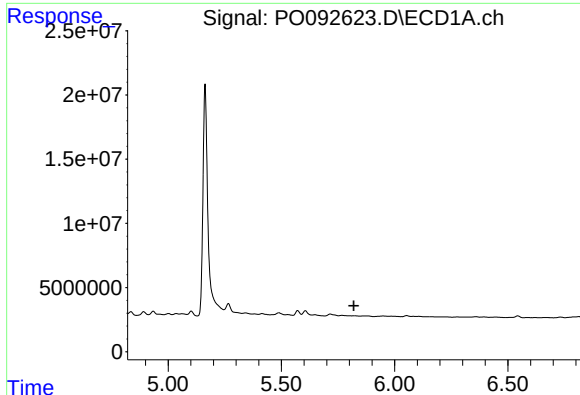
#18 AR-1242-3

R.T.: 5.716 min  
Delta R.T.: -0.004 min  
Response: 2460638  
Conc: 33.90 ng/ml



#18 AR-1242-3

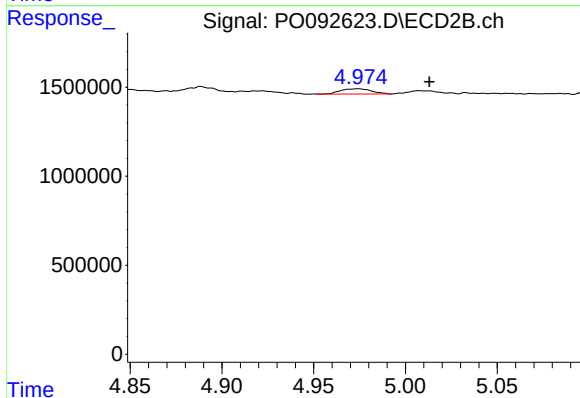
R.T.: 4.974 min  
Delta R.T.: 0.045 min  
Response: 352212  
Conc: 12.09 ng/ml



#19 AR-1242-4

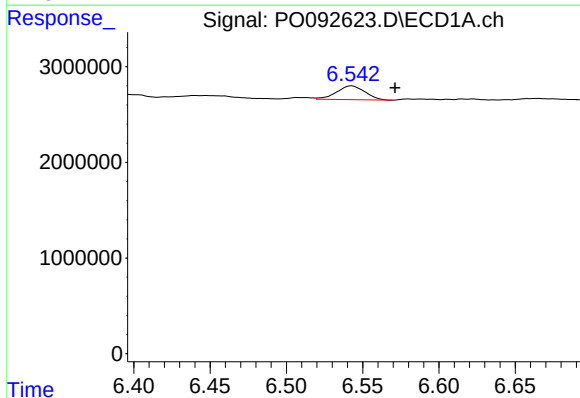
R.T.: 0.000 min  
Exp R.T.: 5.819 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



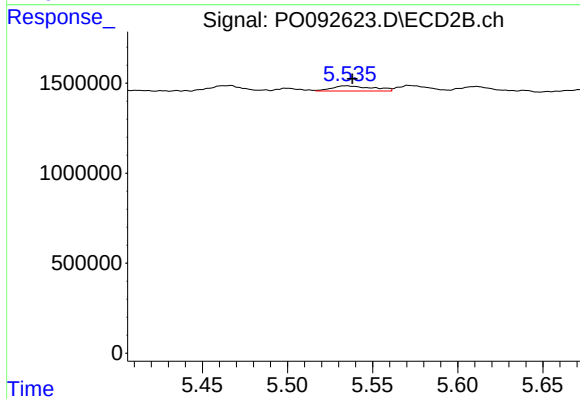
#19 AR-1242-4

R.T.: 4.974 min  
Delta R.T.: -0.039 min  
Response: 352212  
Conc: 10.95 ng/ml



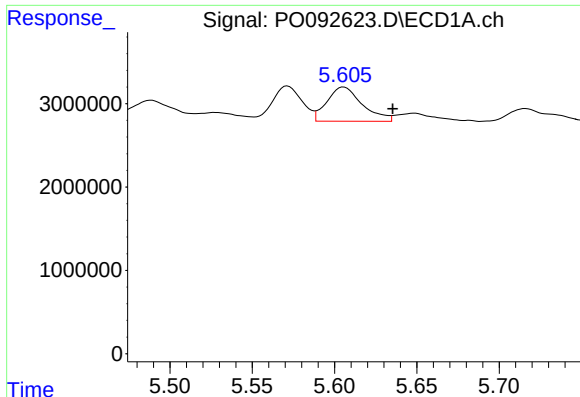
#20 AR-1242-5

R.T.: 6.543 min  
Delta R.T.: -0.028 min  
Response: 1860623  
Conc: 33.33 ng/ml



#20 AR-1242-5

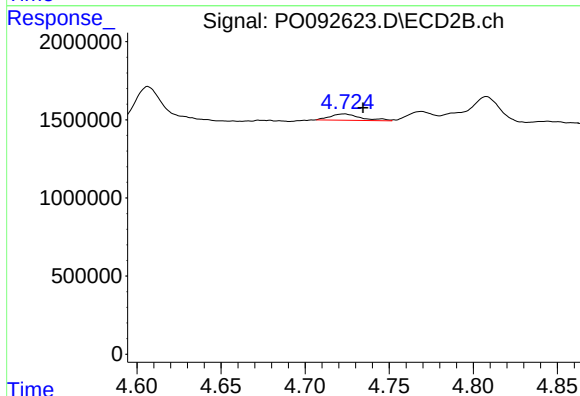
R.T.: 5.534 min  
Delta R.T.: -0.004 min  
Response: 486226  
Conc: 13.43 ng/ml



#21 AR-1248-1

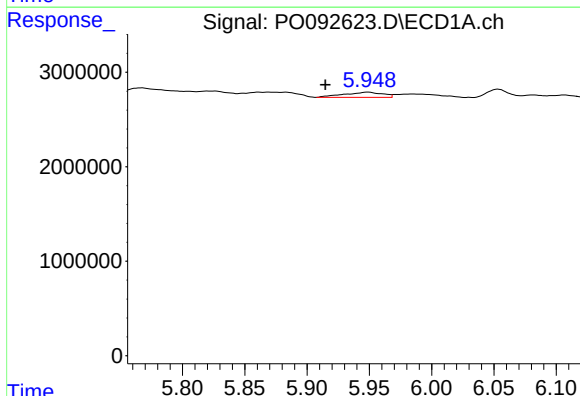
R.T.: 5.606 min  
Delta R.T.: -0.030 min  
Response: 6159442  
Conc: 106.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



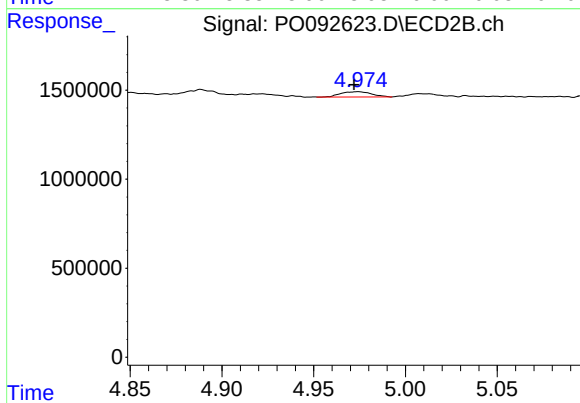
#21 AR-1248-1

R.T.: 4.723 min  
Delta R.T.: -0.011 min  
Response: 509279  
Conc: 17.48 ng/ml



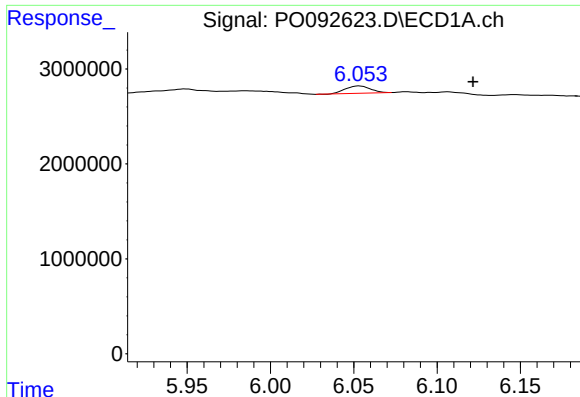
#22 AR-1248-2

R.T.: 5.949 min  
Delta R.T.: 0.034 min  
Response: 1192096  
Conc: 13.04 ng/ml



#22 AR-1248-2

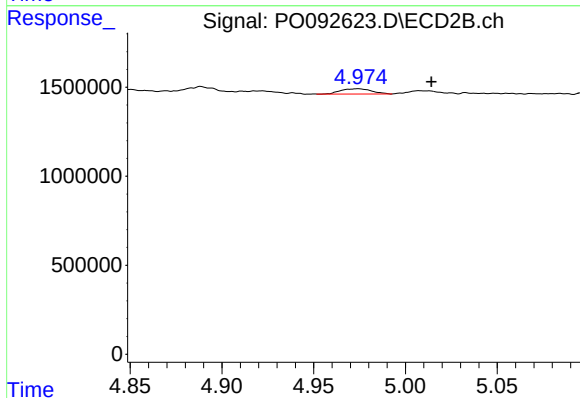
R.T.: 4.974 min  
Delta R.T.: 0.002 min  
Response: 352212  
Conc: 7.81 ng/ml



#23 AR-1248-3

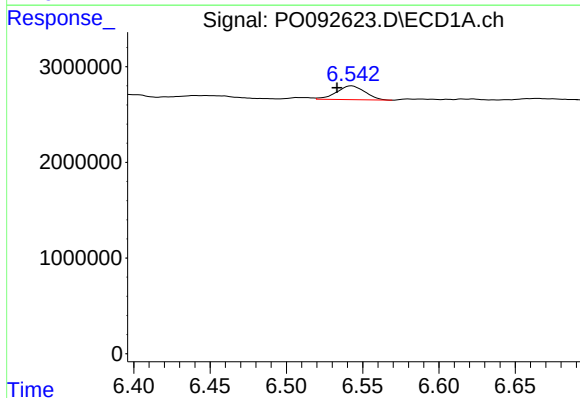
R.T.: 6.054 min  
Delta R.T.: -0.068 min  
Response: 810077  
Conc: 8.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



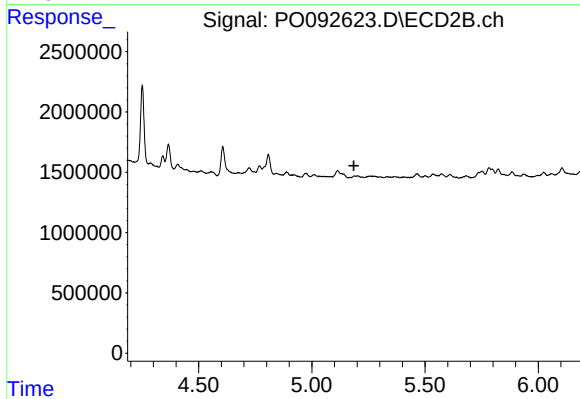
#23 AR-1248-3

R.T.: 4.974 min  
Delta R.T.: -0.040 min  
Response: 352212  
Conc: 7.55 ng/ml



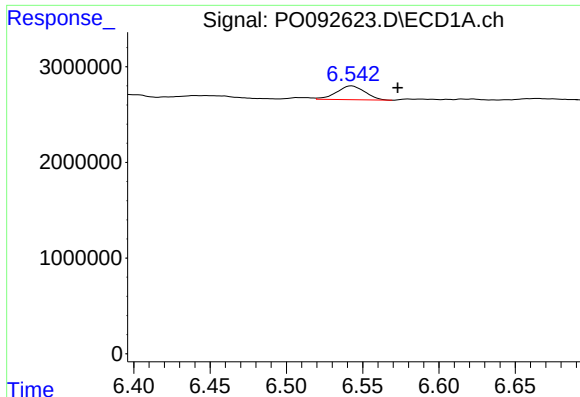
#24 AR-1248-4

R.T.: 6.543 min  
Delta R.T.: 0.010 min  
Response: 1860623  
Conc: 19.00 ng/ml



#24 AR-1248-4

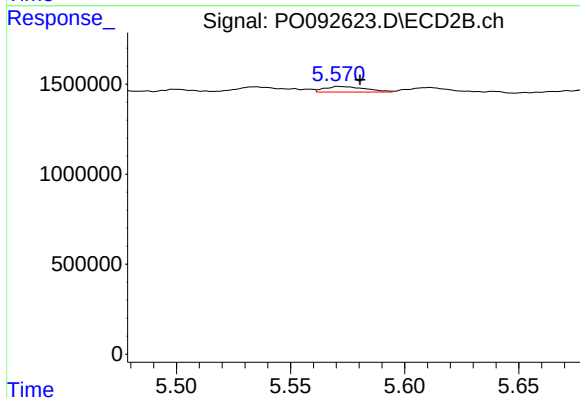
R.T.: 0.000 min  
Exp R.T. : 5.186 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

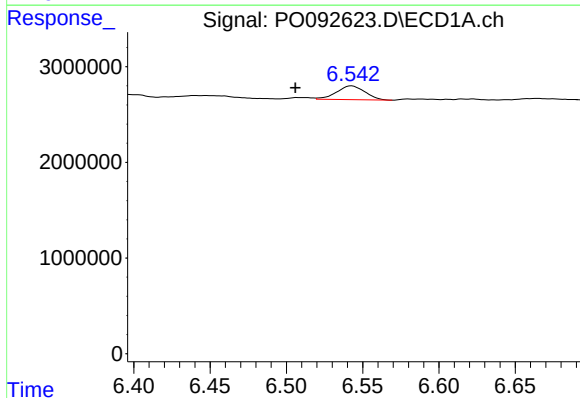
R.T.: 6.543 min  
Delta R.T.: -0.030 min  
Response: 1860623  
Conc: 19.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



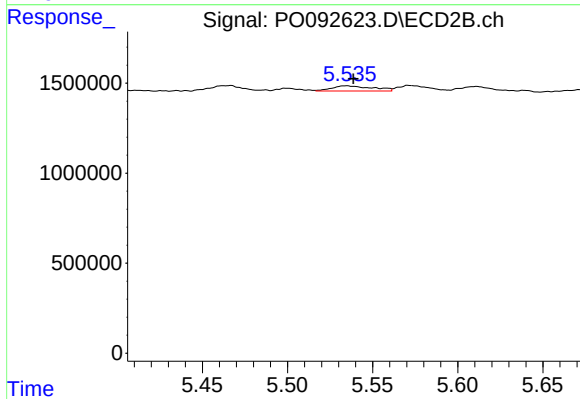
#25 AR-1248-5

R.T.: 5.572 min  
Delta R.T.: -0.009 min  
Response: 390969  
Conc: 8.26 ng/ml



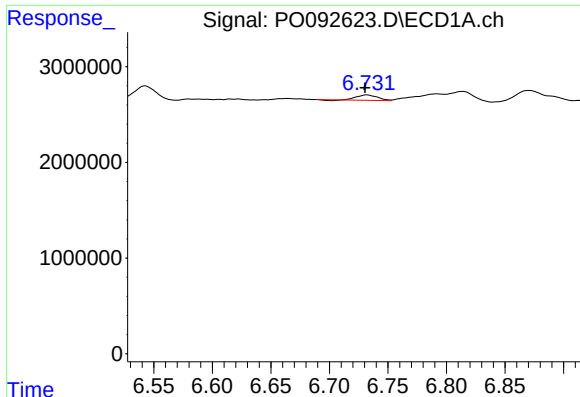
#26 AR-1254-1

R.T.: 6.543 min  
Delta R.T.: 0.037 min  
Response: 1860623  
Conc: 16.81 ng/ml



#26 AR-1254-1

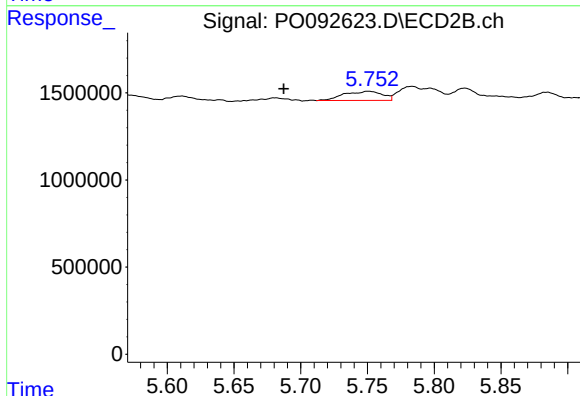
R.T.: 5.534 min  
Delta R.T.: -0.004 min  
Response: 486226  
Conc: 6.20 ng/ml



#27 AR-1254-2

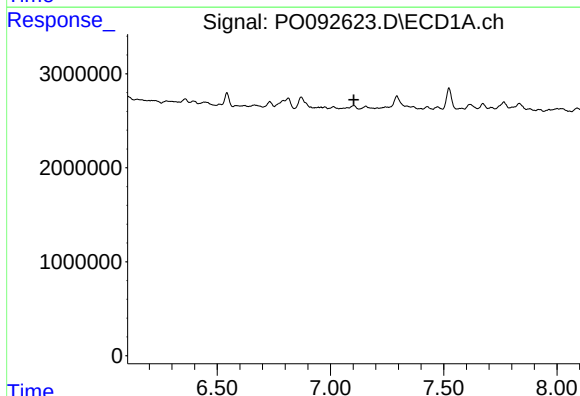
R.T.: 6.732 min  
Delta R.T.: 0.001 min  
Response: 653502  
Conc: 4.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



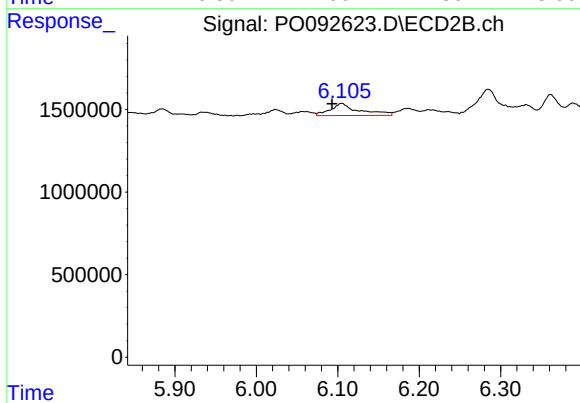
#27 AR-1254-2

R.T.: 5.751 min  
Delta R.T.: 0.064 min  
Response: 1042664  
Conc: 15.07 ng/ml



#28 AR-1254-3

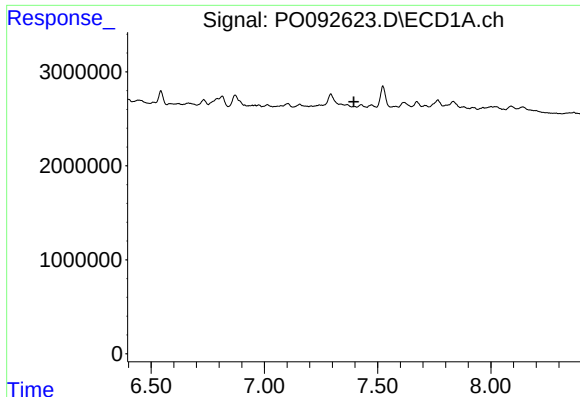
R.T.: 0.000 min  
Exp R.T. : 7.103 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

R.T.: 6.105 min  
Delta R.T.: 0.012 min  
Response: 1780661  
Conc: 16.68 ng/ml

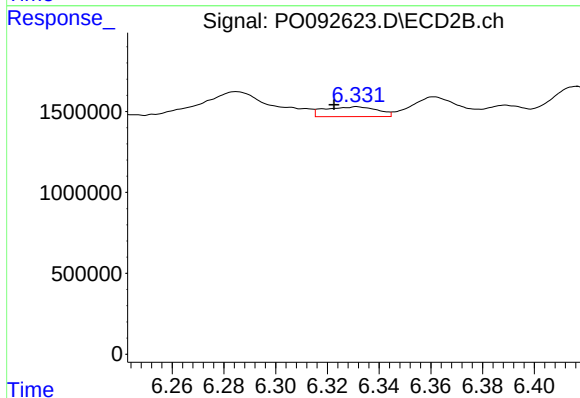




#29 AR-1254-4

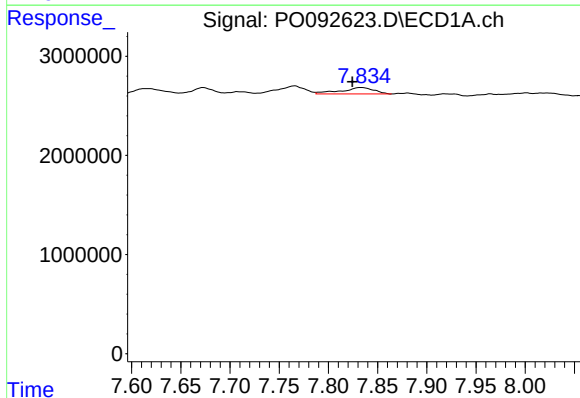
R.T.: 0.000 min  
Exp R.T.: 7.395 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



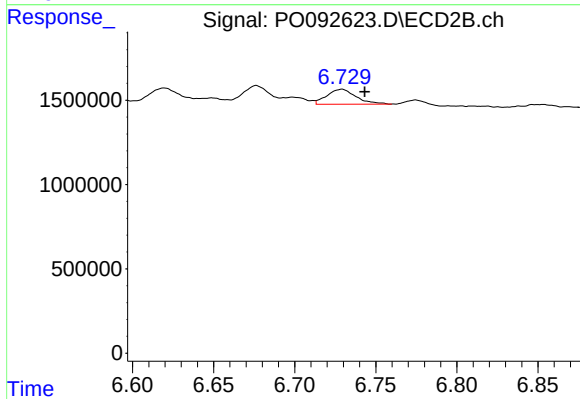
#29 AR-1254-4

R.T.: 6.332 min  
Delta R.T.: 0.009 min  
Response: 862125  
Conc: 14.64 ng/ml



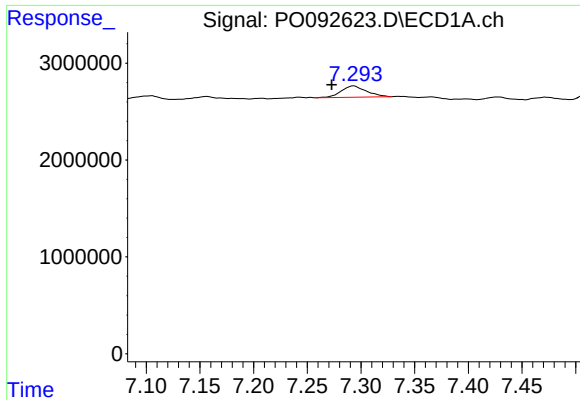
#30 AR-1254-5

R.T.: 7.834 min  
Delta R.T.: 0.010 min  
Response: 1506884  
Conc: 10.71 ng/ml



#30 AR-1254-5

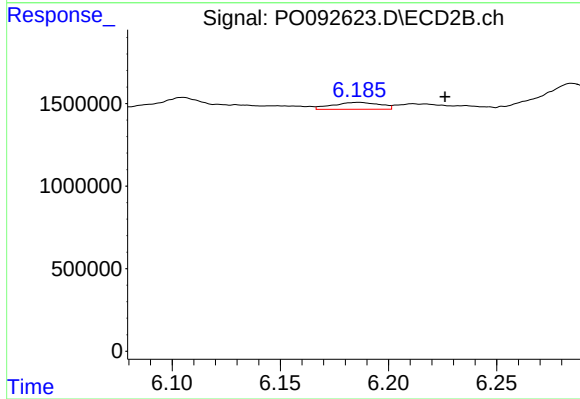
R.T.: 6.729 min  
Delta R.T.: -0.014 min  
Response: 1112683  
Conc: 12.23 ng/ml



#31 AR-1260-1

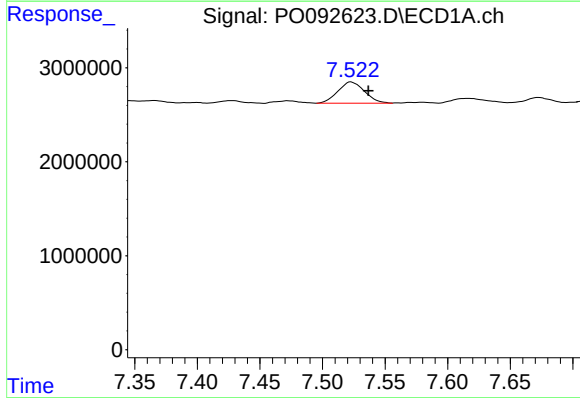
R.T.: 7.293 min  
Delta R.T.: 0.021 min  
Response: 1905861  
Conc: 14.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



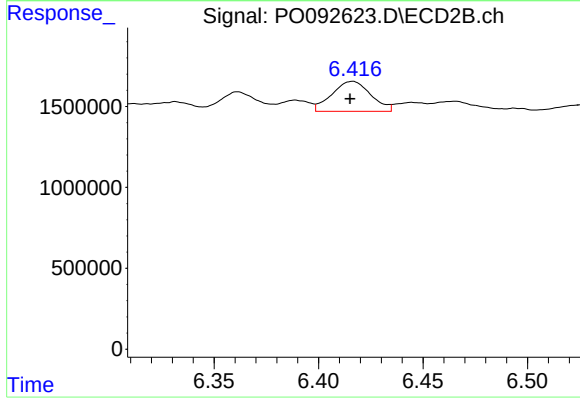
#31 AR-1260-1

R.T.: 6.186 min  
Delta R.T.: -0.040 min  
Response: 632344  
Conc: 8.37 ng/ml



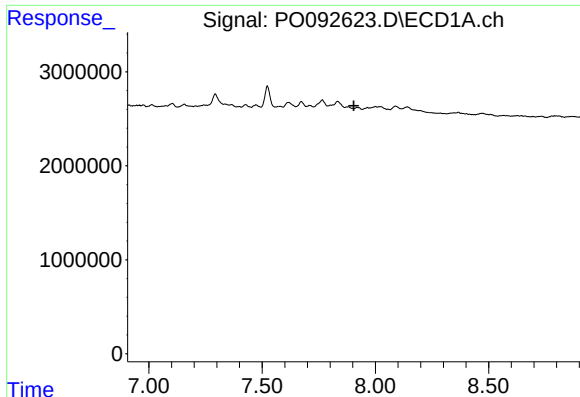
#32 AR-1260-2

R.T.: 7.523 min  
Delta R.T.: -0.014 min  
Response: 3350637  
Conc: 22.60 ng/ml



#32 AR-1260-2

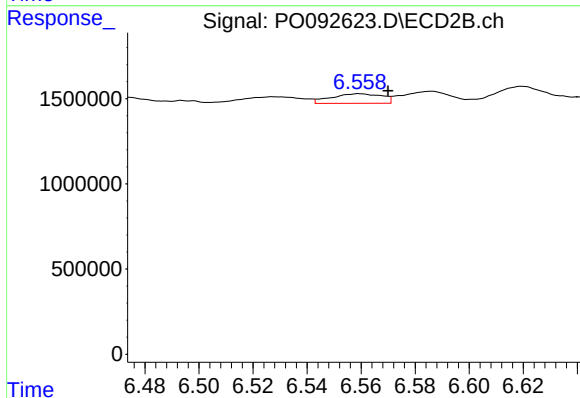
R.T.: 6.416 min  
Delta R.T.: 0.001 min  
Response: 2403613  
Conc: 27.43 ng/ml



#33 AR-1260-3

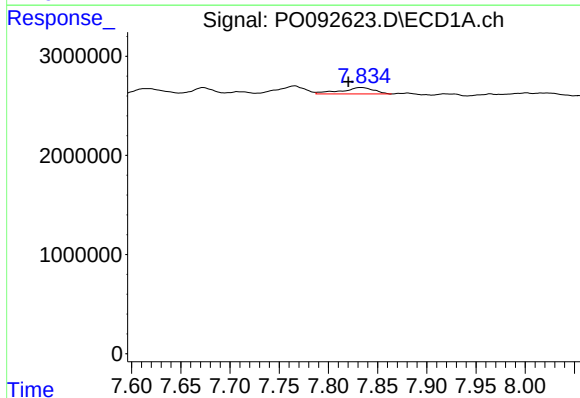
R.T.: 0.000 min  
Exp R.T.: 7.905 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



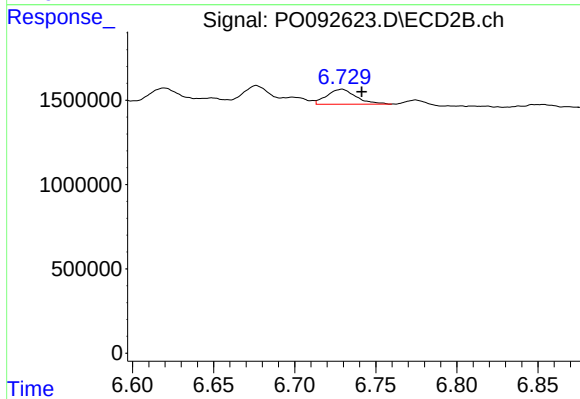
#33 AR-1260-3

R.T.: 6.559 min  
Delta R.T.: -0.011 min  
Response: 729272  
Conc: 8.41 ng/ml



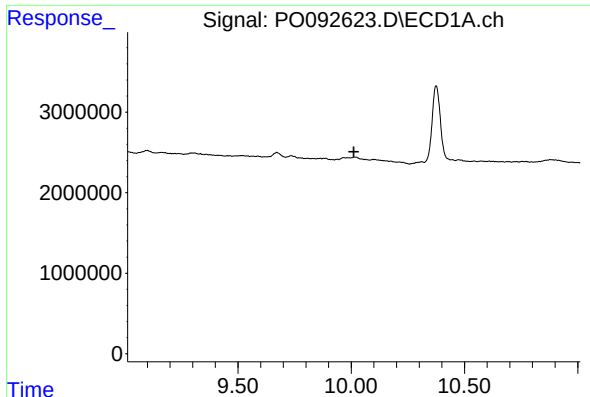
#36 AR-1262-1

R.T.: 7.834 min  
Delta R.T.: 0.014 min  
Response: 1506884  
Conc: 13.95 ng/ml



#36 AR-1262-1

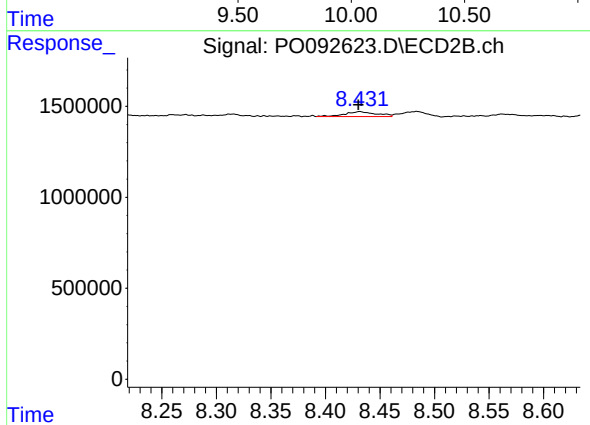
R.T.: 6.729 min  
Delta R.T.: -0.012 min  
Response: 1112683  
Conc: 23.98 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.012 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
T2911-2914



#45 AR-1268-5

R.T.: 8.431 min  
Delta R.T.: 0.001 min  
Response: 534983  
Conc: 1.26 ng/ml