

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0011019\  
 Data File : P0053369.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Jan 2019 18:22  
 Operator : SM/SJ  
 Sample : K1093-03 10X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 11 00:54:30 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0010819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jan 09 03:34:05 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

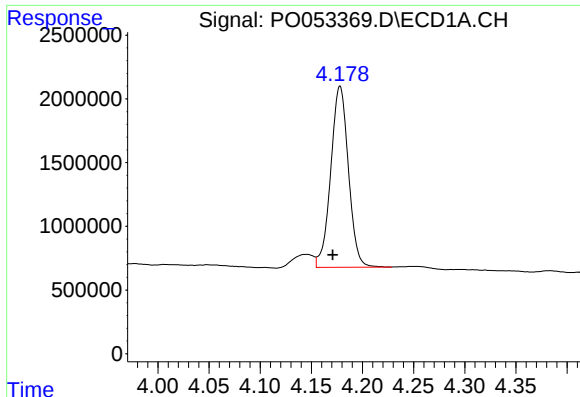
Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|---------|--------|
| -----                       |                 |       |       |          |         |         |        |
| System Monitoring Compounds |                 |       |       |          |         |         |        |
| 1)                          | SA Tetrachlo... | 4.178 | 3.227 | 17085958 | 3759548 | 12.787  | 15.036 |
| 2)                          | SA Decachlor... | 9.623 | 7.848 | 21352558 | 5098064 | 27.033  | 22.262 |
| Target Compounds            |                 |       |       |          |         |         |        |
| 3)                          | L1 AR-1016-1    | 5.354 | 0.000 | 635445   | 0       | 17.419  | N.D. # |
| 4)                          | L1 AR-1016-2    | 5.354 | 0.000 | 635445   | 0       | 12.003  | N.D. # |
| 5)                          | L1 AR-1016-3    | 5.402 | 0.000 | 857924   | 0       | 26.789  | N.D. # |
| 6)                          | L1 AR-1016-4    | 5.521 | 0.000 | 1379648  | 0       | 53.430  | N.D. # |
| 7)                          | L1 AR-1016-5    | 5.766 | 0.000 | 1371305  | 0       | 58.078  | N.D. # |
| 9)                          | L2 AR-1221-2    | 4.477 | 0.000 | 834827   | 0       | 76.067  | N.D. # |
| 10)                         | L2 AR-1221-3    | 4.477 | 0.000 | 834827   | 0       | 23.959  | N.D. # |
| 11)                         | L3 AR-1232-1    | 4.477 | 0.000 | 834827   | 0       | 29.302  | N.D. # |
| 12)                         | L3 AR-1232-2    | 5.042 | 0.000 | 962695   | 0       | 71.832  | N.D. # |
| 13)                         | L3 AR-1232-3    | 5.354 | 0.000 | 635445   | 0       | 23.811  | N.D. # |
| 14)                         | L3 AR-1232-4    | 5.521 | 0.000 | 1379648  | 0       | 107.798 | N.D. # |
| 15)                         | L3 AR-1232-5    | 5.590 | 0.000 | 1017153  | 0       | 127.926 | N.D. # |
| 16)                         | L4 AR-1242-1    | 5.354 | 0.000 | 635445   | 0       | 18.855  | N.D. # |
| 17)                         | L4 AR-1242-2    | 5.354 | 0.000 | 635445   | 0       | 12.869  | N.D. # |
| 18)                         | L4 AR-1242-3    | 5.402 | 0.000 | 857924   | 0       | 28.960  | N.D. # |
| 19)                         | L4 AR-1242-4    | 5.521 | 0.000 | 1379648  | 0       | 58.157  | N.D. # |
| 21)                         | L5 AR-1248-1    | 5.354 | 0.000 | 635445   | 0       | 25.773  | N.D. # |
| 22)                         | L5 AR-1248-2    | 5.590 | 0.000 | 1017153  | 0       | 33.257  | N.D. # |
| 23)                         | L5 AR-1248-3    | 5.766 | 0.000 | 1371305  | 0       | 40.045  | N.D. # |
| 26)                         | L6 AR-1254-1    | 6.100 | 0.000 | 275524   | 0       | 6.528   | N.D. # |
| 27)                         | L6 AR-1254-2    | 6.415 | 0.000 | 324674   | 0       | 5.072   | N.D. # |
| 28)                         | L6 AR-1254-3    | 6.761 | 0.000 | 329594   | 0       | 5.026   | N.D. # |
| 30)                         | L6 AR-1254-5    | 7.430 | 0.000 | 166489   | 0       | 3.594   | N.D. # |
| 33)                         | L7 AR-1260-3    | 7.491 | 0.000 | 161507   | 0       | 5.426   | N.D. # |
| 34)                         | L7 AR-1260-4    | 7.757 | 0.000 | 554620   | 0       | 16.453  | N.D. # |
| 35)                         | L7 AR-1260-5    | 7.991 | 0.000 | 310187   | 0       | 4.540   | N.D. # |
| 36)                         | L8 AR-1262-1    | 7.491 | 0.000 | 161507   | 0       | 2.684   | N.D. # |
| 37)                         | L8 AR-1262-2    | 7.991 | 0.000 | 310187   | 0       | 3.053   | N.D. # |
| 38)                         | L8 AR-1262-3    | 8.329 | 0.000 | 5196490  | 0       | 112.129 | N.D. # |
| 39)                         | L8 AR-1262-4    | 8.404 | 0.000 | 1198881  | 0       | 22.300  | N.D. # |
| 40)                         | L8 AR-1262-5    | 8.926 | 0.000 | 2457382  | 0       | 63.847  | N.D. # |
| 41)                         | L9 AR-1268-1    | 8.329 | 0.000 | 5196490  | 0       | 40.506  | N.D. # |
| 42)                         | L9 AR-1268-2    | 8.404 | 0.000 | 1198881  | 0       | 9.782   | N.D. # |
| 43)                         | L9 AR-1268-3    | 8.575 | 7.066 | 1190105  | 326346  | 10.886  | 9.730  |
| 44)                         | L9 AR-1268-4    | 8.926 | 0.000 | 2457382  | 0       | 56.381  | N.D. # |
| 45)                         | L9 AR-1268-5    | 9.335 | 0.000 | 600641   | 0       | 1.746   | N.D. # |
| -----                       |                 |       |       |          |         |         |        |

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

Instrument :  
ECD\_O  
ClientSampleId :

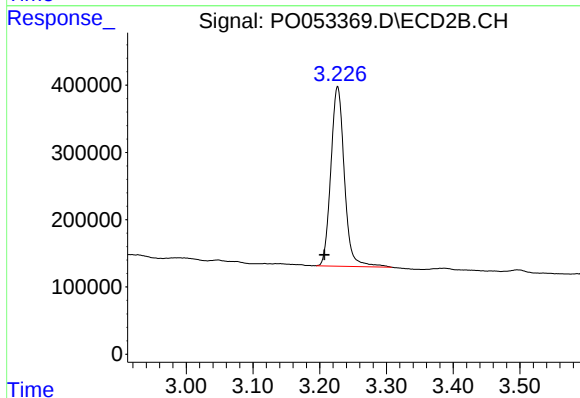




#1 Tetrachloro-m-xylene

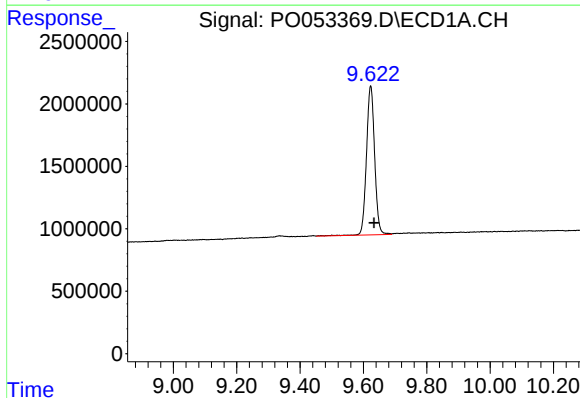
R.T.: 4.178 min  
Delta R.T.: 0.007 min  
Response: 17085958  
Conc: 12.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



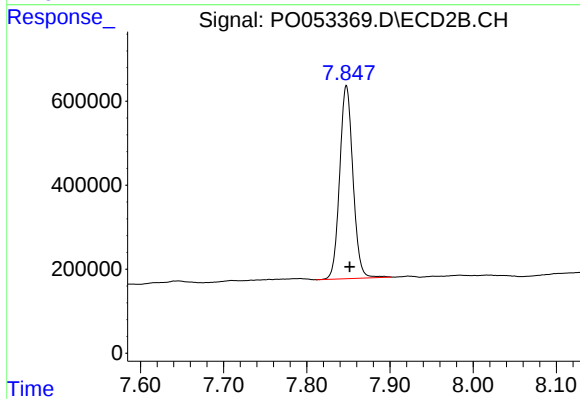
#1 Tetrachloro-m-xylene

R.T.: 3.227 min  
Delta R.T.: 0.020 min  
Response: 3759548  
Conc: 15.04 ng/ml



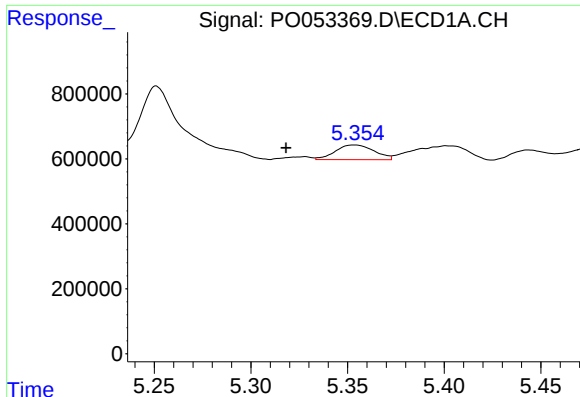
#2 Decachlorobiphenyl

R.T.: 9.623 min  
Delta R.T.: -0.011 min  
Response: 21352558  
Conc: 27.03 ng/ml



#2 Decachlorobiphenyl

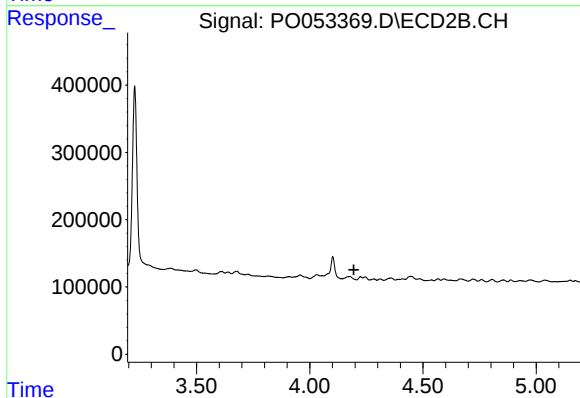
R.T.: 7.848 min  
Delta R.T.: -0.004 min  
Response: 5098064  
Conc: 22.26 ng/ml



#3 AR-1016-1

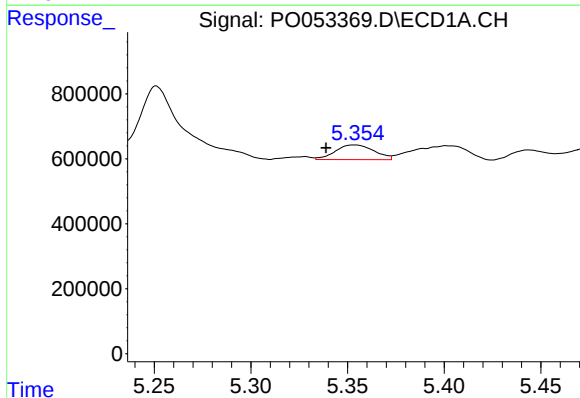
R.T.: 5.354 min  
Delta R.T.: 0.036 min  
Response: 635445  
Conc: 17.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



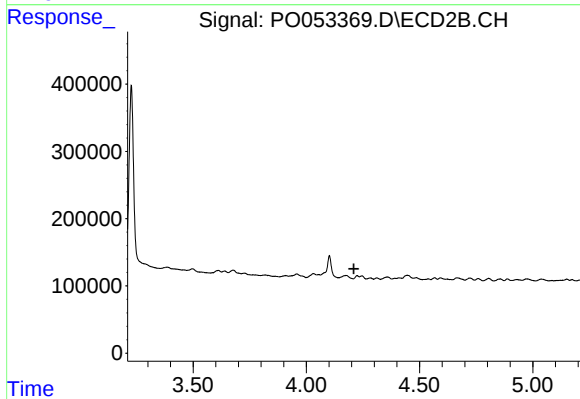
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.195 min  
Response: 0  
Conc: N.D.



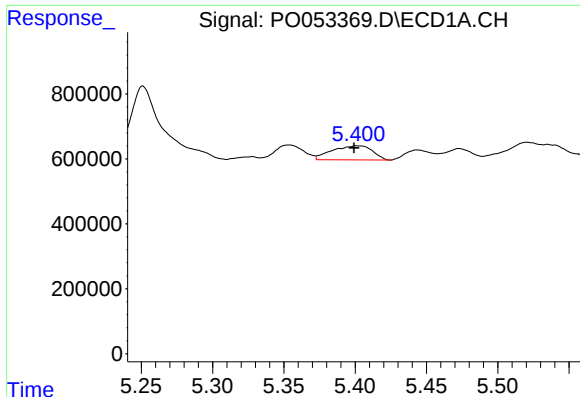
#4 AR-1016-2

R.T.: 5.354 min  
Delta R.T.: 0.015 min  
Response: 635445  
Conc: 12.00 ng/ml



#4 AR-1016-2

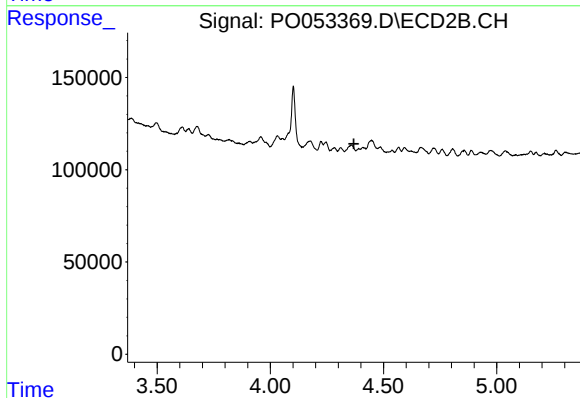
R.T.: 0.000 min  
Exp R.T. : 4.210 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

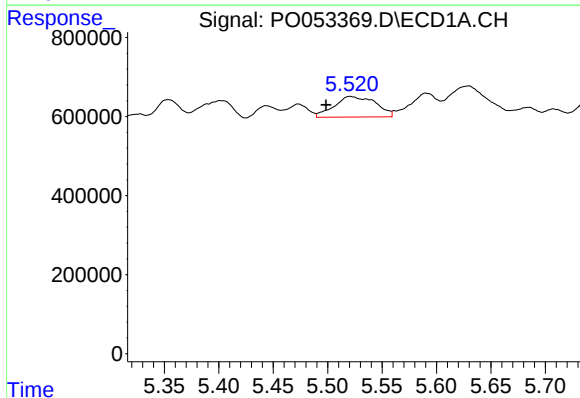
R.T.: 5.402 min  
Delta R.T.: 0.003 min  
Response: 857924  
Conc: 26.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



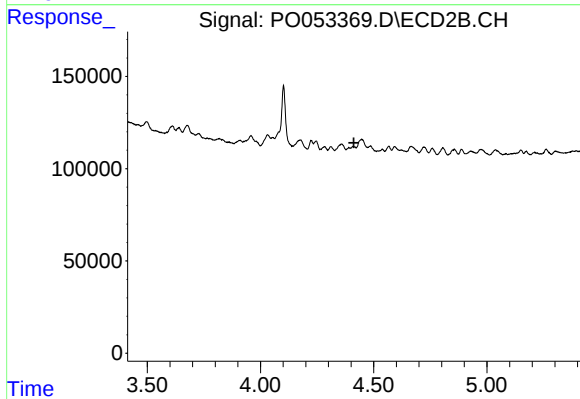
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.369 min  
Response: 0  
Conc: N.D.



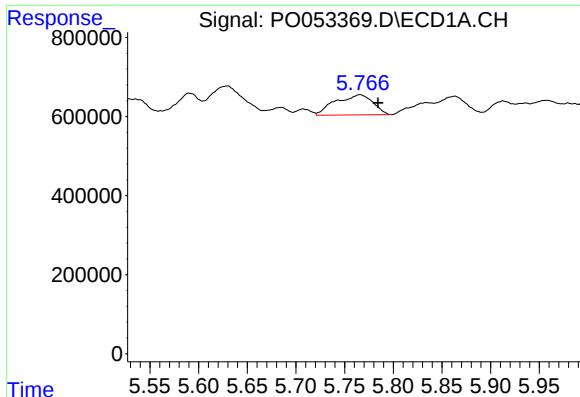
#6 AR-1016-4

R.T.: 5.521 min  
Delta R.T.: 0.022 min  
Response: 1379648  
Conc: 53.43 ng/ml



#6 AR-1016-4

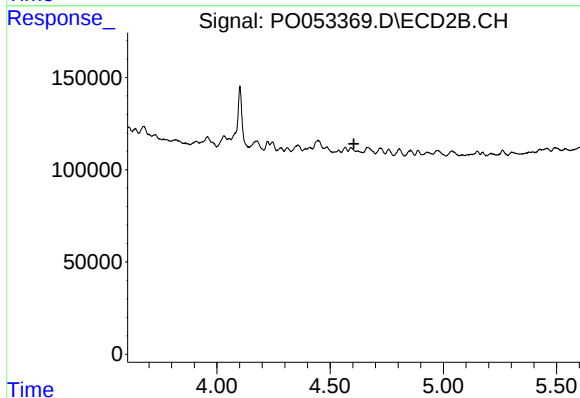
R.T.: 0.000 min  
Exp R.T. : 4.412 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

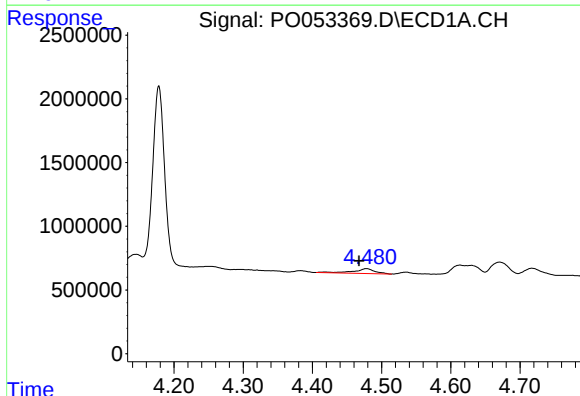
R.T.: 5.766 min  
Delta R.T.: -0.019 min  
Response: 1371305  
Conc: 58.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



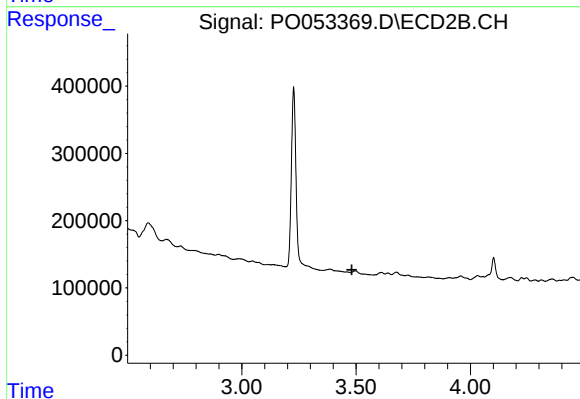
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 4.605 min  
Response: 0  
Conc: N.D.



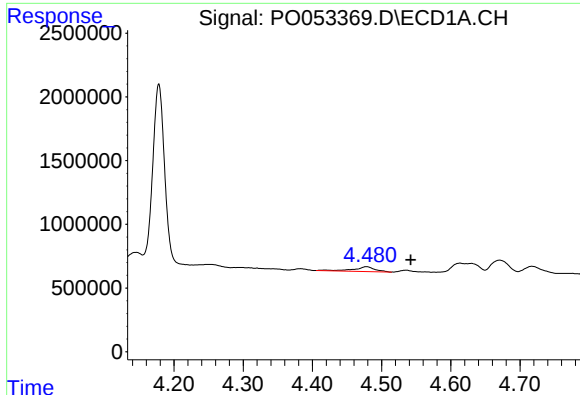
#9 AR-1221-2

R.T.: 4.477 min  
Delta R.T.: 0.010 min  
Response: 834827  
Conc: 76.07 ng/ml



#9 AR-1221-2

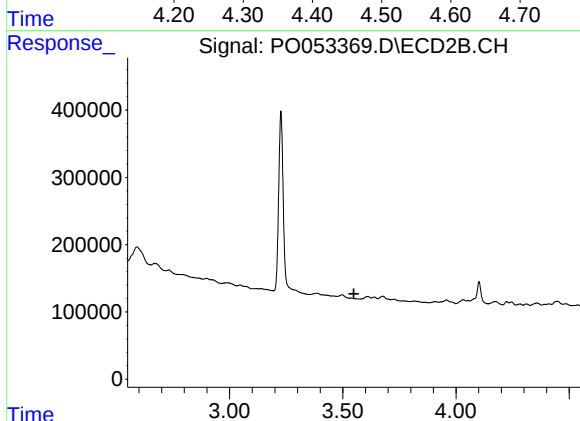
R.T.: 0.000 min  
Exp R.T. : 3.481 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

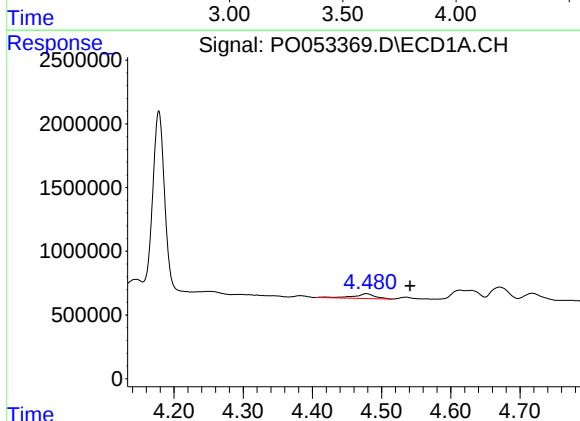
R.T.: 4.477 min  
Delta R.T.: -0.065 min  
Response: 834827  
Conc: 23.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



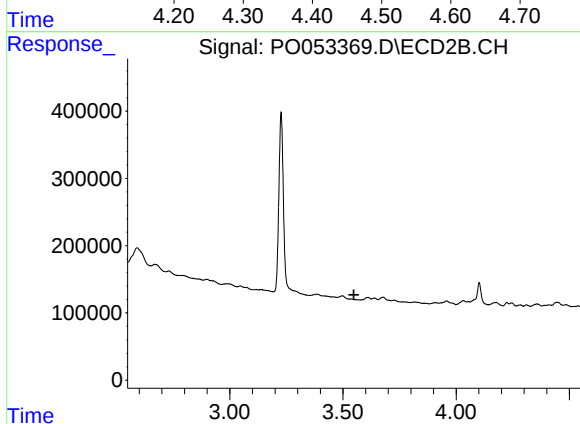
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 3.549 min  
Response: 0  
Conc: N.D.



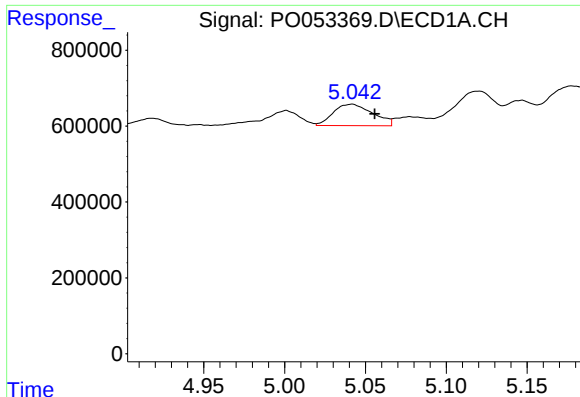
#11 AR-1232-1

R.T.: 4.477 min  
Delta R.T.: -0.064 min  
Response: 834827  
Conc: 29.30 ng/ml



#11 AR-1232-1

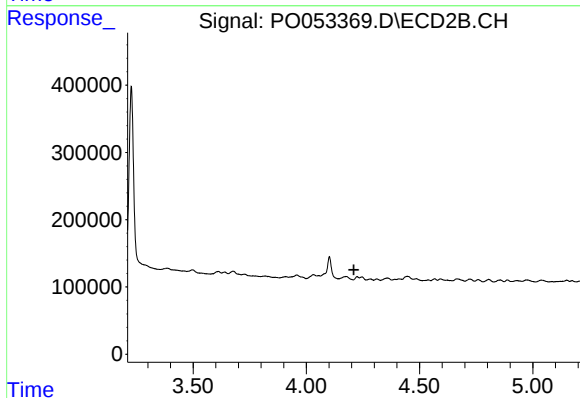
R.T.: 0.000 min  
Exp R.T. : 3.548 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

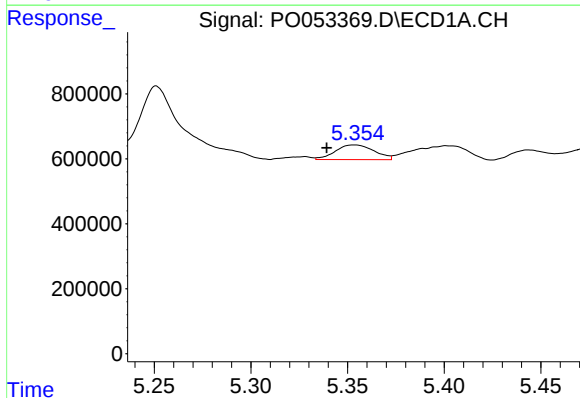
R.T.: 5.042 min  
Delta R.T.: -0.014 min  
Response: 962695  
Conc: 71.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



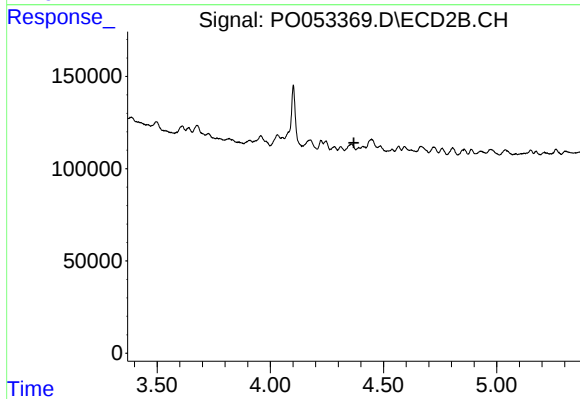
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 4.210 min  
Response: 0  
Conc: N.D.



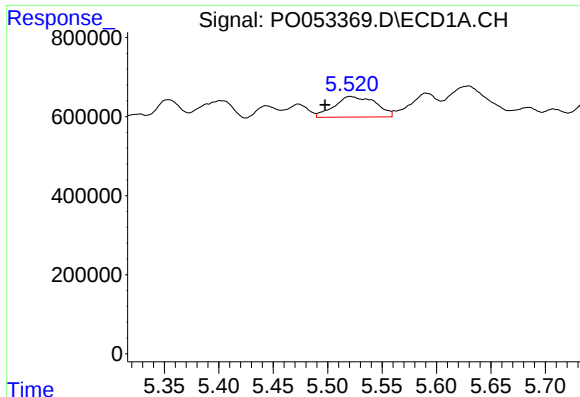
#13 AR-1232-3

R.T.: 5.354 min  
Delta R.T.: 0.014 min  
Response: 635445  
Conc: 23.81 ng/ml



#13 AR-1232-3

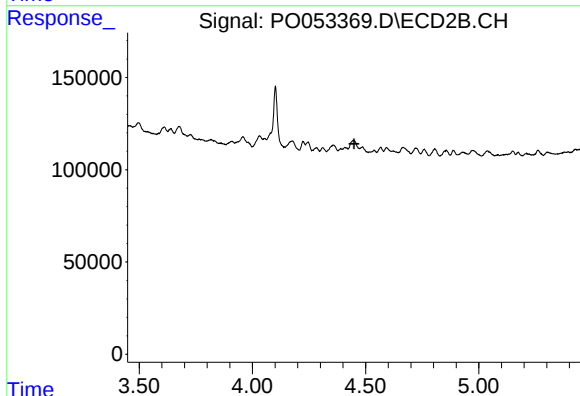
R.T.: 0.000 min  
Exp R.T. : 4.369 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

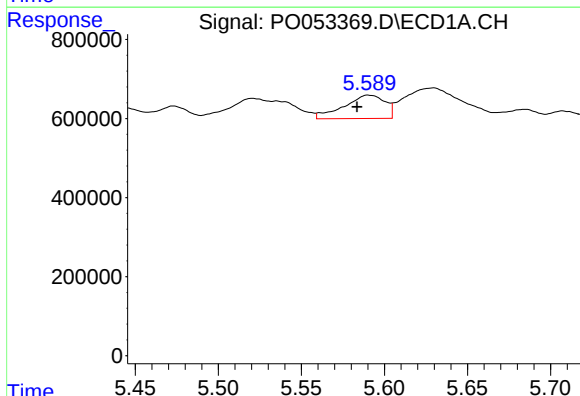
R.T.: 5.521 min  
Delta R.T.: 0.023 min  
Response: 1379648  
Conc: 107.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



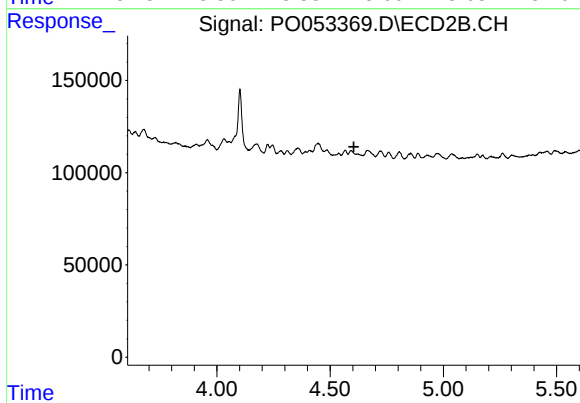
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 4.449 min  
Response: 0  
Conc: N.D.



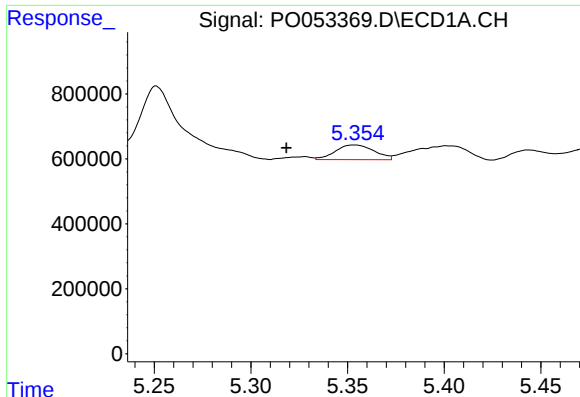
#15 AR-1232-5

R.T.: 5.590 min  
Delta R.T.: 0.007 min  
Response: 1017153  
Conc: 127.93 ng/ml



#15 AR-1232-5

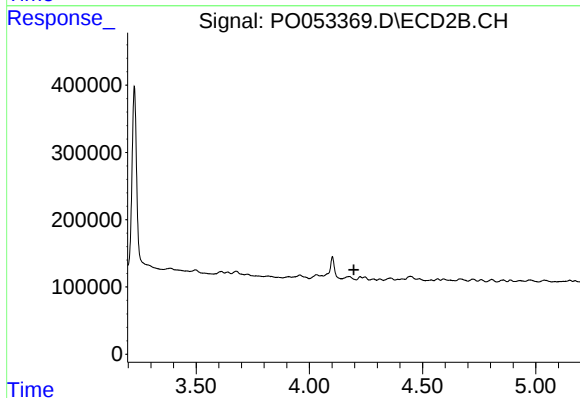
R.T.: 0.000 min  
Exp R.T. : 4.605 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

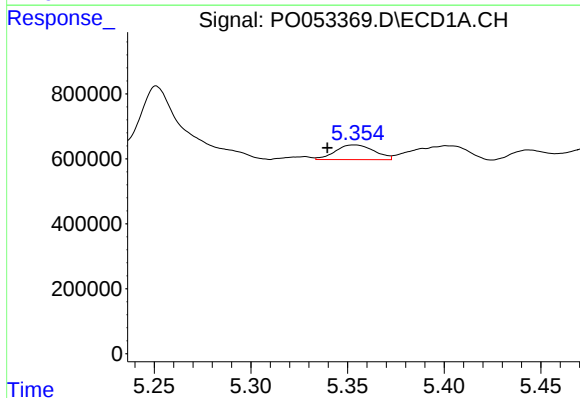
R.T.: 5.354 min  
Delta R.T.: 0.035 min  
Response: 635445  
Conc: 18.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



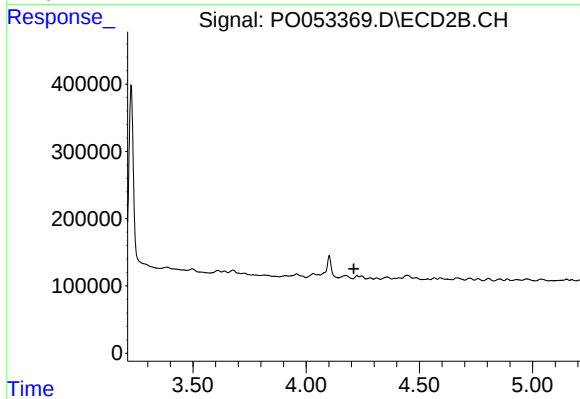
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.196 min  
Response: 0  
Conc: N.D.



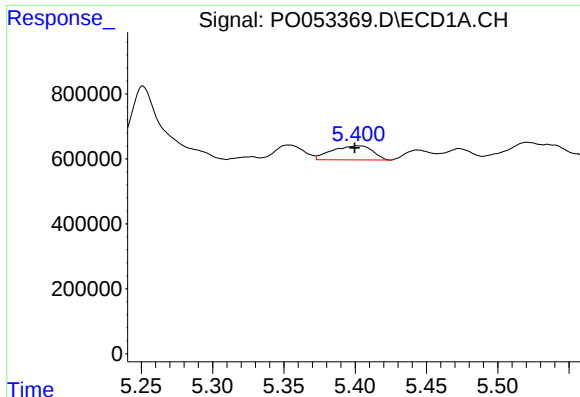
#17 AR-1242-2

R.T.: 5.354 min  
Delta R.T.: 0.014 min  
Response: 635445  
Conc: 12.87 ng/ml



#17 AR-1242-2

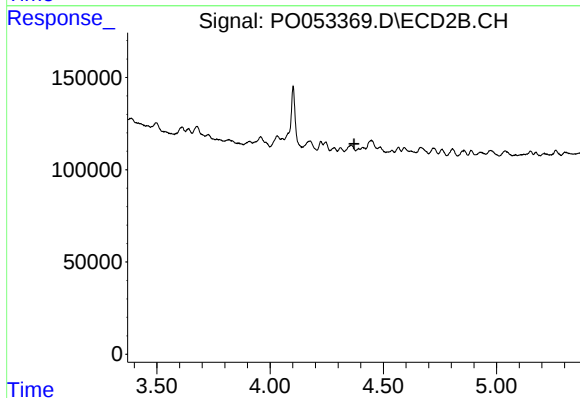
R.T.: 0.000 min  
Exp R.T. : 4.211 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

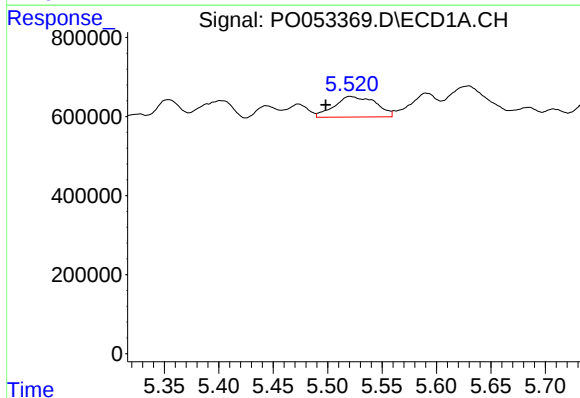
R.T.: 5.402 min  
Delta R.T.: 0.002 min  
Response: 857924  
Conc: 28.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



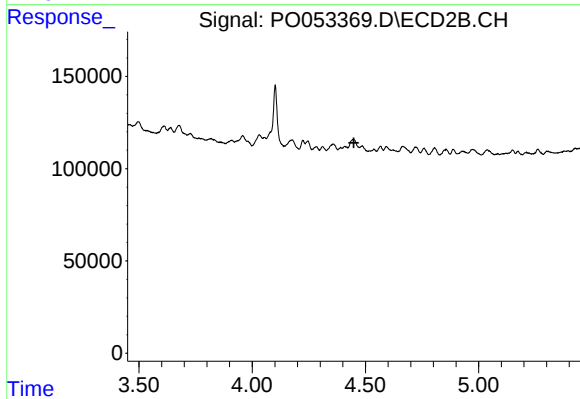
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.370 min  
Response: 0  
Conc: N.D.



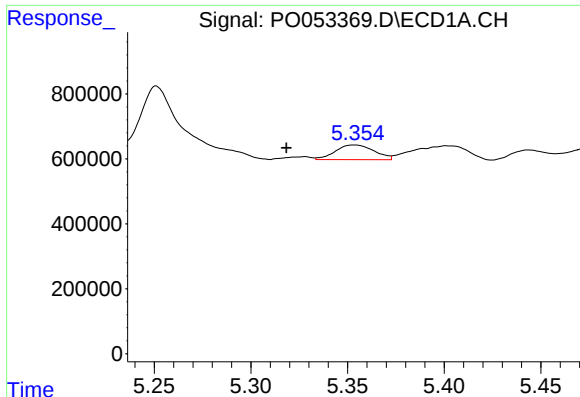
#19 AR-1242-4

R.T.: 5.521 min  
Delta R.T.: 0.022 min  
Response: 1379648  
Conc: 58.16 ng/ml



#19 AR-1242-4

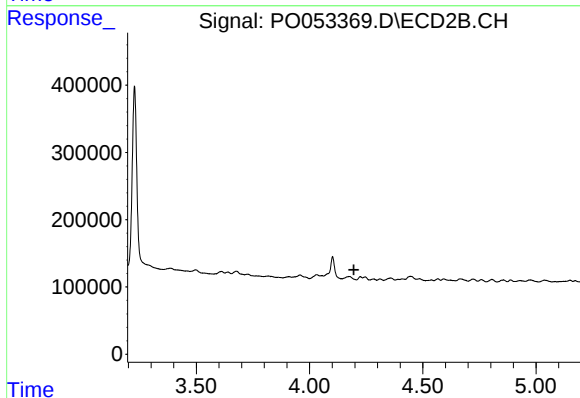
R.T.: 0.000 min  
Exp R.T. : 4.449 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

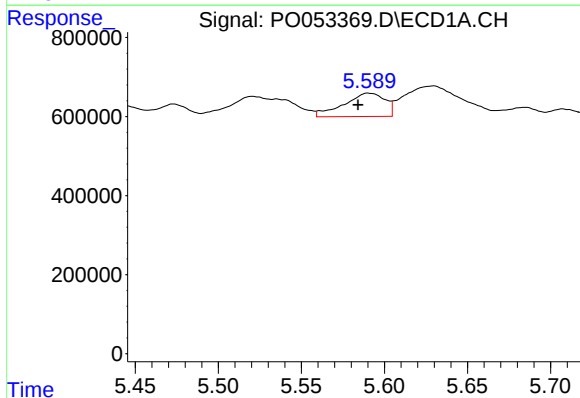
R.T.: 5.354 min  
Delta R.T.: 0.035 min  
Response: 635445  
Conc: 25.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



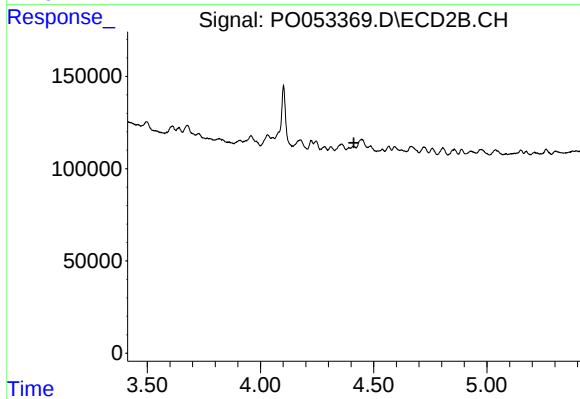
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.196 min  
Response: 0  
Conc: N.D.



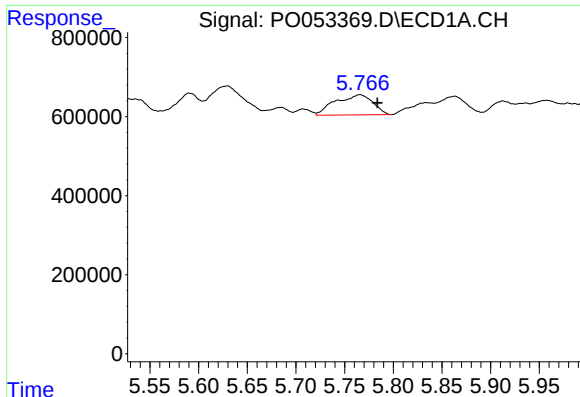
#22 AR-1248-2

R.T.: 5.590 min  
Delta R.T.: 0.006 min  
Response: 1017153  
Conc: 33.26 ng/ml



#22 AR-1248-2

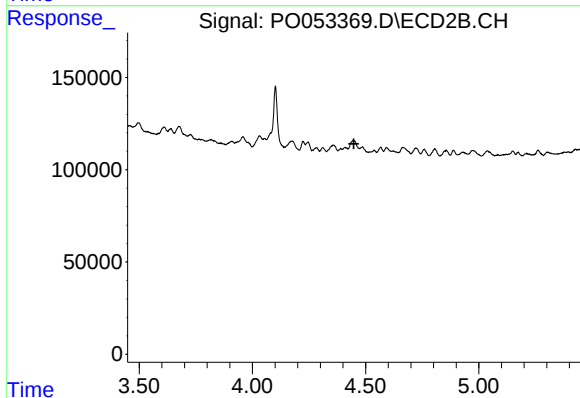
R.T.: 0.000 min  
Exp R.T. : 4.412 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

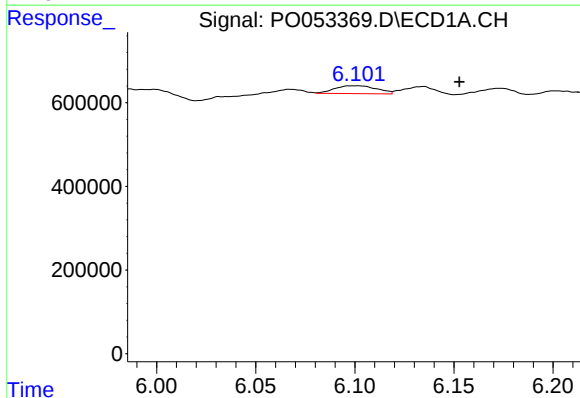
R.T.: 5.766 min  
Delta R.T.: -0.018 min  
Response: 1371305  
Conc: 40.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



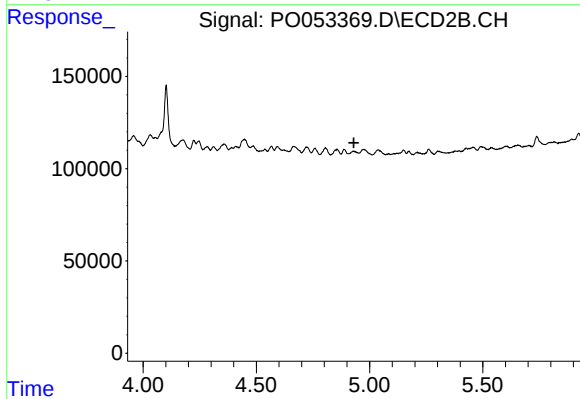
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 4.448 min  
Response: 0  
Conc: N.D.



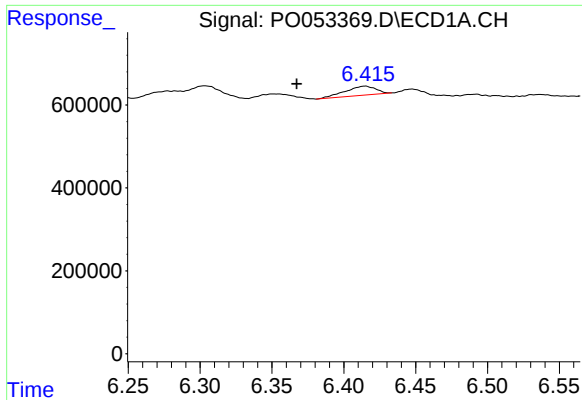
#26 AR-1254-1

R.T.: 6.100 min  
Delta R.T.: -0.052 min  
Response: 275524  
Conc: 6.53 ng/ml



#26 AR-1254-1

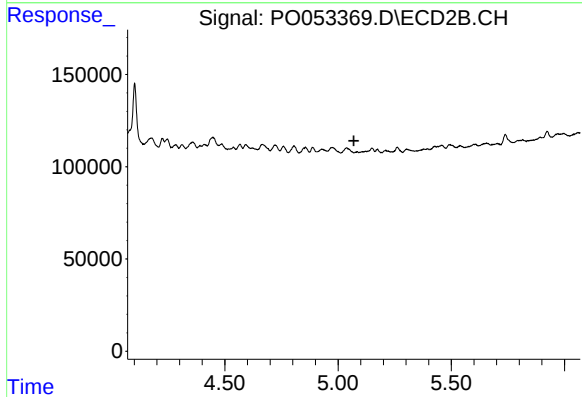
R.T.: 0.000 min  
Exp R.T. : 4.930 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

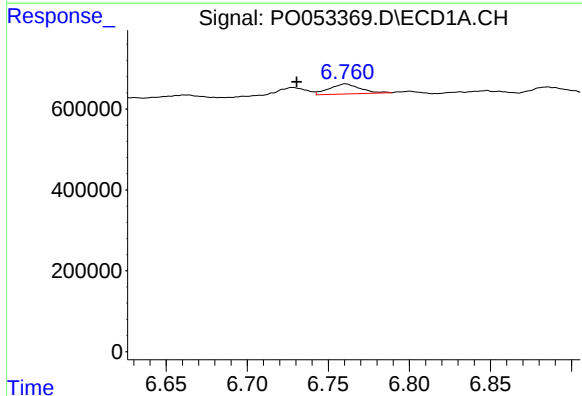
R.T.: 6.415 min  
Delta R.T.: 0.048 min  
Response: 324674  
Conc: 5.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



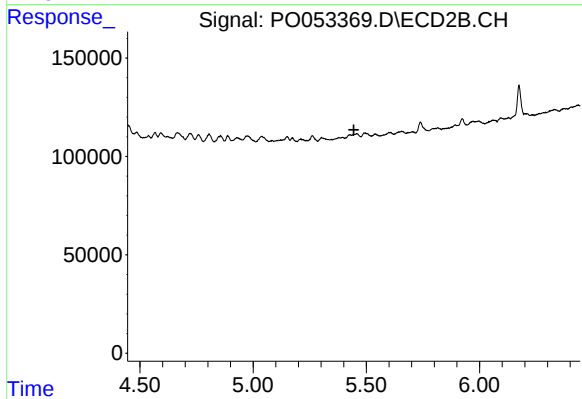
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.070 min  
Response: 0  
Conc: N.D.



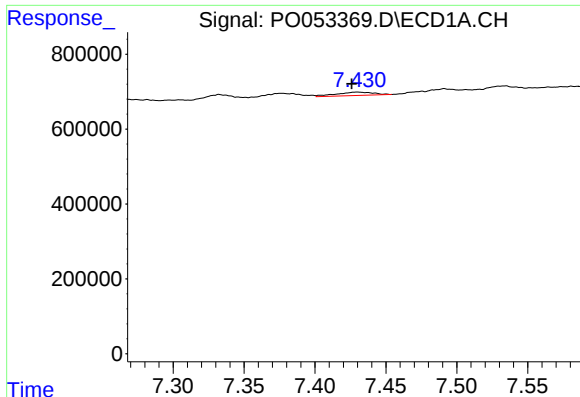
#28 AR-1254-3

R.T.: 6.761 min  
Delta R.T.: 0.030 min  
Response: 329594  
Conc: 5.03 ng/ml



#28 AR-1254-3

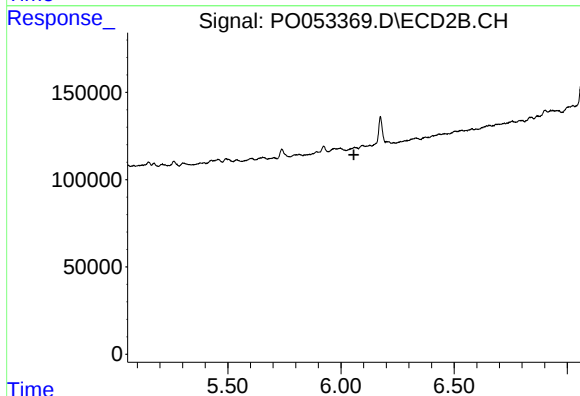
R.T.: 0.000 min  
Exp R.T. : 5.445 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

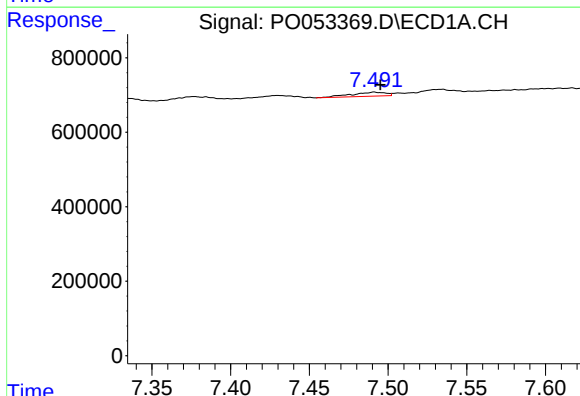
R.T.: 7.430 min  
Delta R.T.: 0.004 min  
Response: 166489  
Conc: 3.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



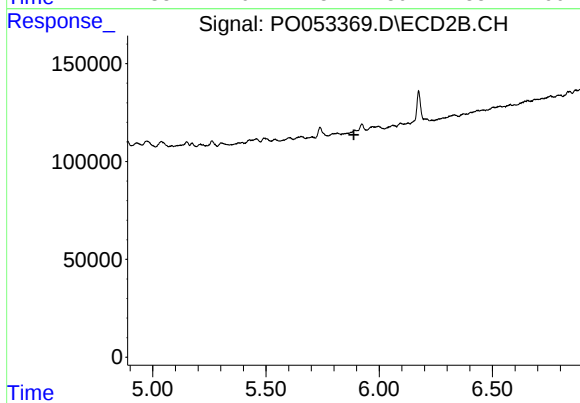
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 6.057 min  
Response: 0  
Conc: N.D.



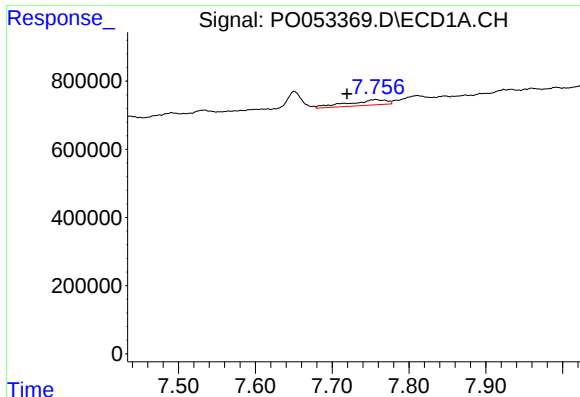
#33 AR-1260-3

R.T.: 7.491 min  
Delta R.T.: -0.004 min  
Response: 161507  
Conc: 5.43 ng/ml



#33 AR-1260-3

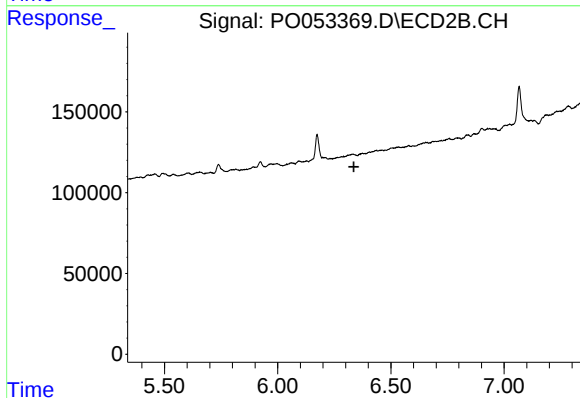
R.T.: 0.000 min  
Exp R.T. : 5.888 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

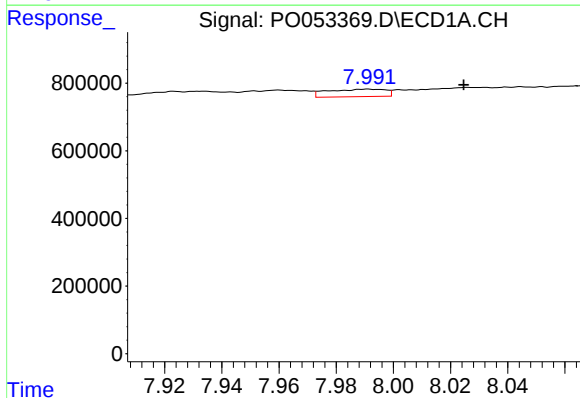
R.T.: 7.757 min  
Delta R.T.: 0.038 min  
Response: 554620  
Conc: 16.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



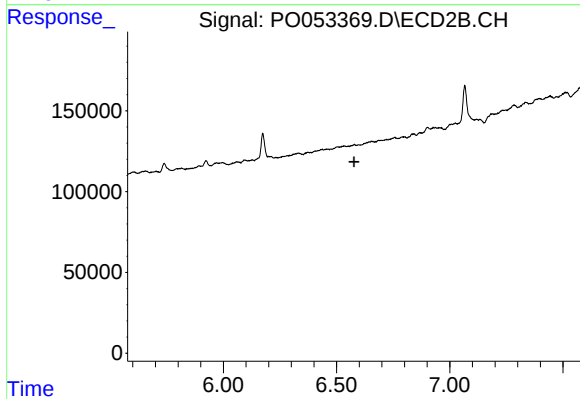
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.336 min  
Response: 0  
Conc: N.D.



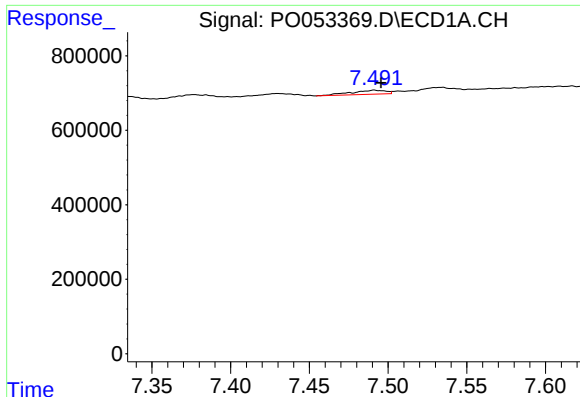
#35 AR-1260-5

R.T.: 7.991 min  
Delta R.T.: -0.034 min  
Response: 310187  
Conc: 4.54 ng/ml



#35 AR-1260-5

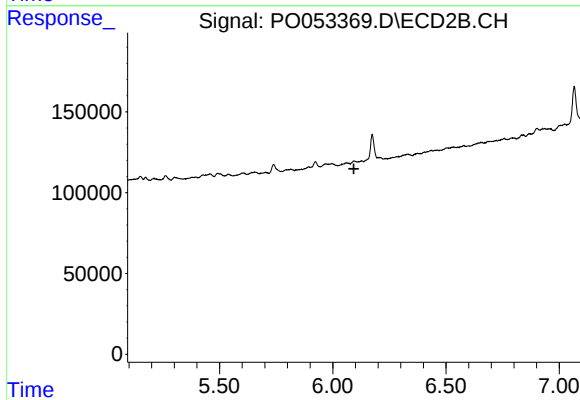
R.T.: 0.000 min  
Exp R.T. : 6.577 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

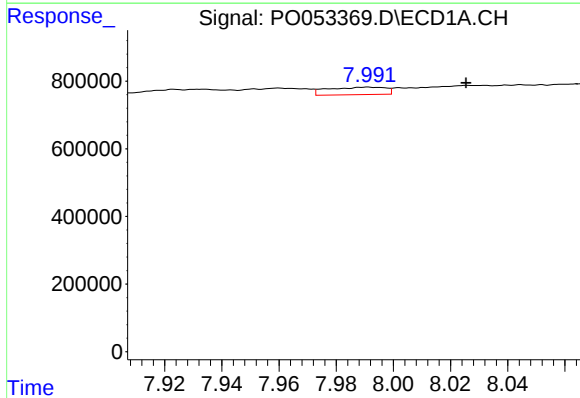
R.T.: 7.491 min  
Delta R.T.: -0.004 min  
Response: 161507  
Conc: 2.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



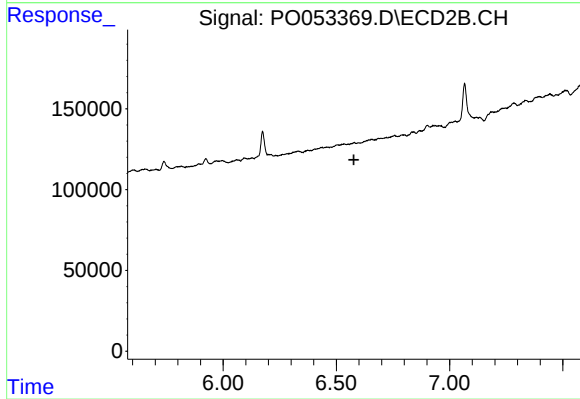
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 6.093 min  
Response: 0  
Conc: N.D.



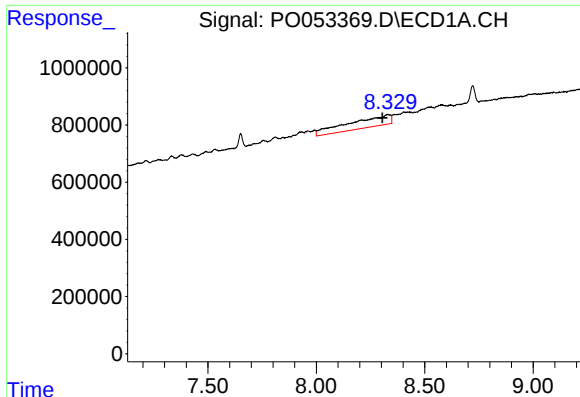
#37 AR-1262-2

R.T.: 7.991 min  
Delta R.T.: -0.034 min  
Response: 310187  
Conc: 3.05 ng/ml



#37 AR-1262-2

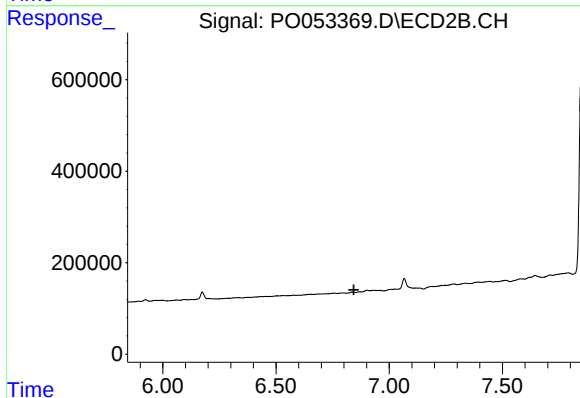
R.T.: 0.000 min  
Exp R.T. : 6.577 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

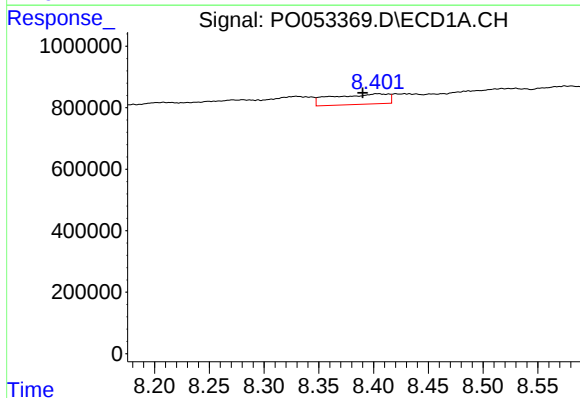
R.T.: 8.329 min  
Delta R.T.: 0.025 min  
Response: 5196490  
Conc: 112.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



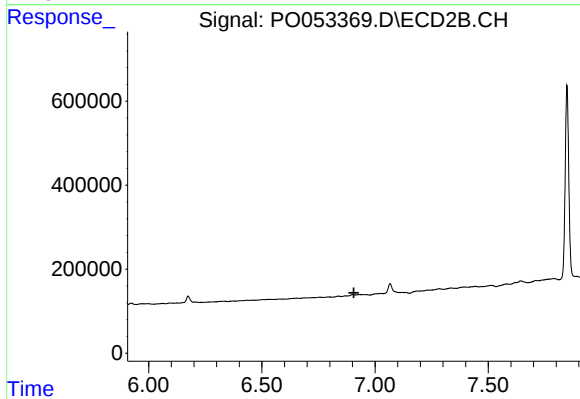
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 6.844 min  
Response: 0  
Conc: N.D.



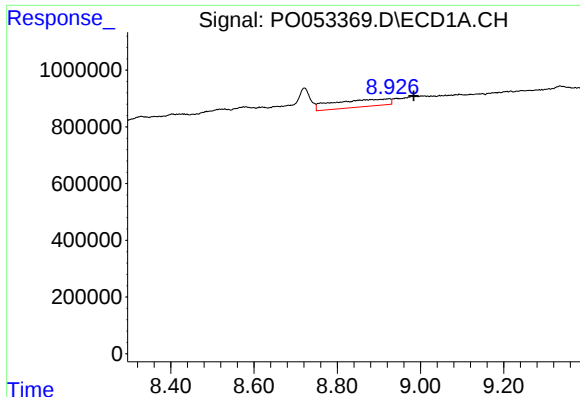
#39 AR-1262-4

R.T.: 8.404 min  
Delta R.T.: 0.014 min  
Response: 1198881  
Conc: 22.30 ng/ml



#39 AR-1262-4

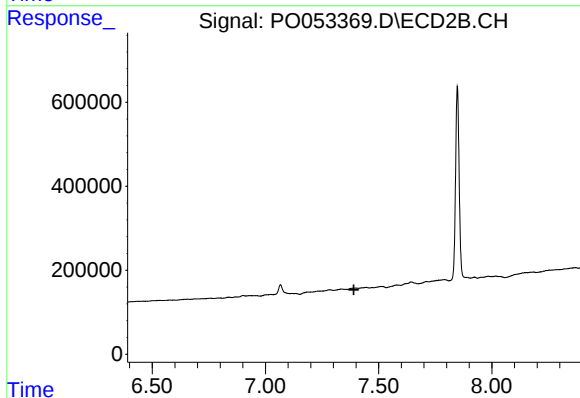
R.T.: 0.000 min  
Exp R.T. : 6.907 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

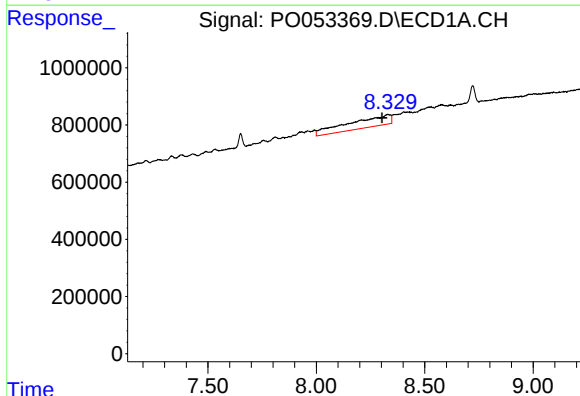
R.T.: 8.926 min  
Delta R.T.: -0.058 min  
Response: 2457382  
Conc: 63.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



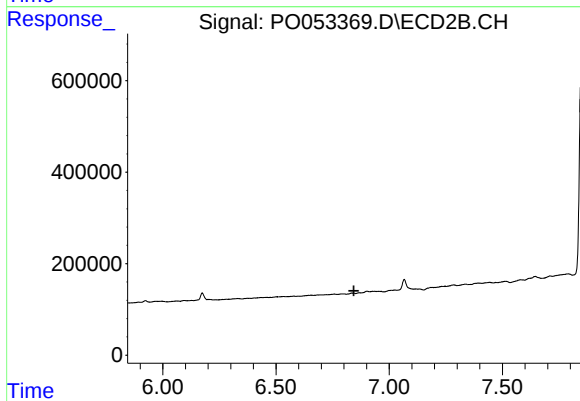
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 7.391 min  
Response: 0  
Conc: N.D.



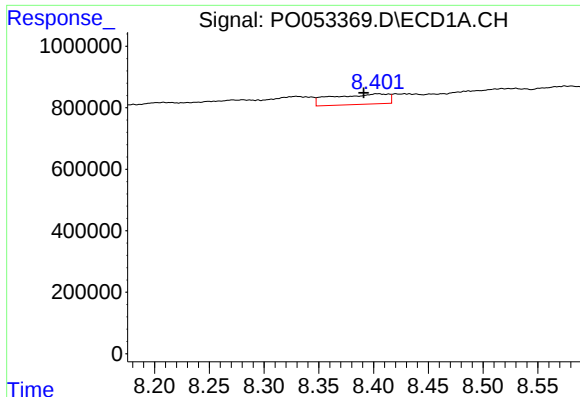
#41 AR-1268-1

R.T.: 8.329 min  
Delta R.T.: 0.025 min  
Response: 5196490  
Conc: 40.51 ng/ml



#41 AR-1268-1

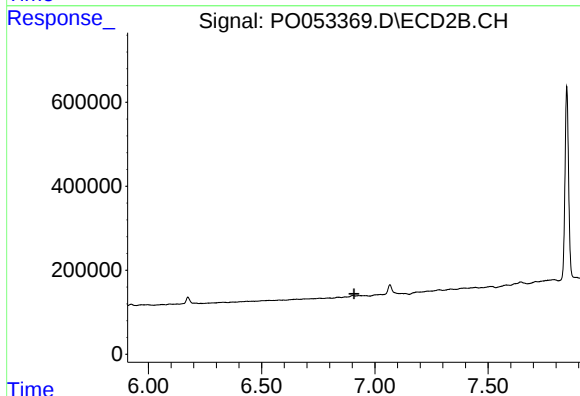
R.T.: 0.000 min  
Exp R.T. : 6.844 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

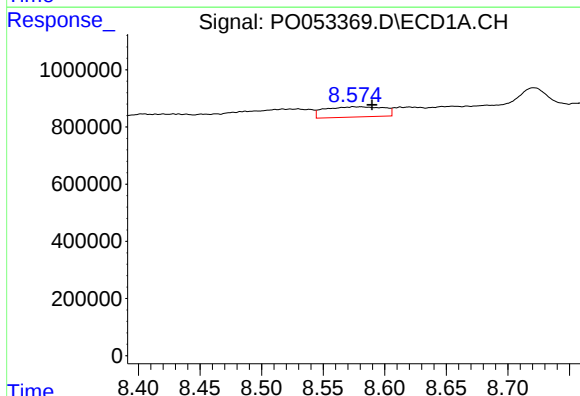
R.T.: 8.404 min  
Delta R.T.: 0.013 min  
Response: 1198881  
Conc: 9.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



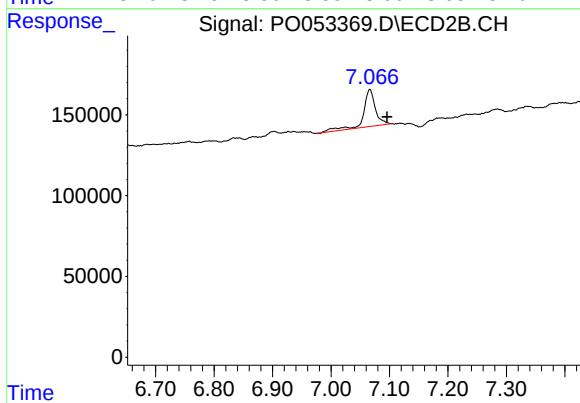
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 6.908 min  
Response: 0  
Conc: N.D.



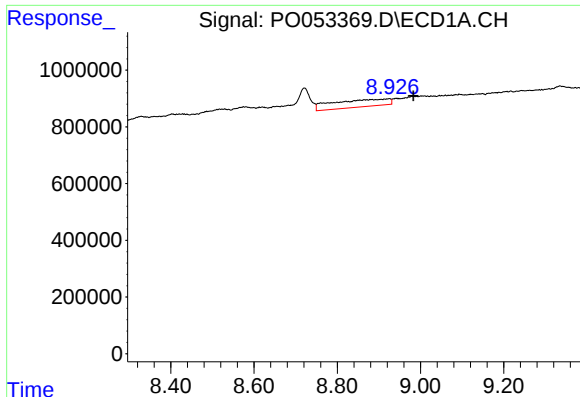
#43 AR-1268-3

R.T.: 8.575 min  
Delta R.T.: -0.015 min  
Response: 1190105  
Conc: 10.89 ng/ml



#43 AR-1268-3

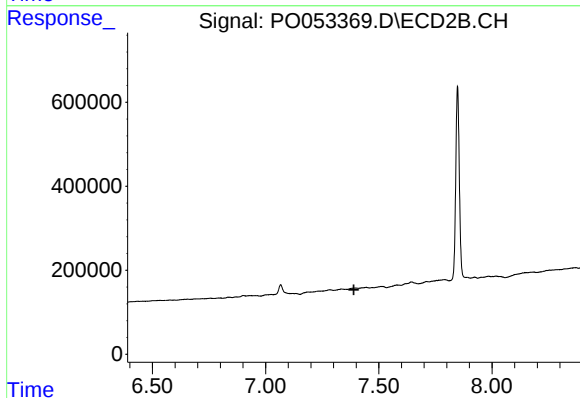
R.T.: 7.066 min  
Delta R.T.: -0.029 min  
Response: 326346  
Conc: 9.73 ng/ml



#44 AR-1268-4

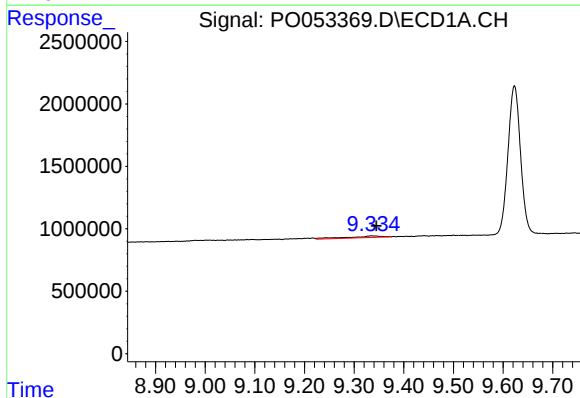
R.T.: 8.926 min  
Delta R.T.: -0.057 min  
Response: 2457382  
Conc: 56.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



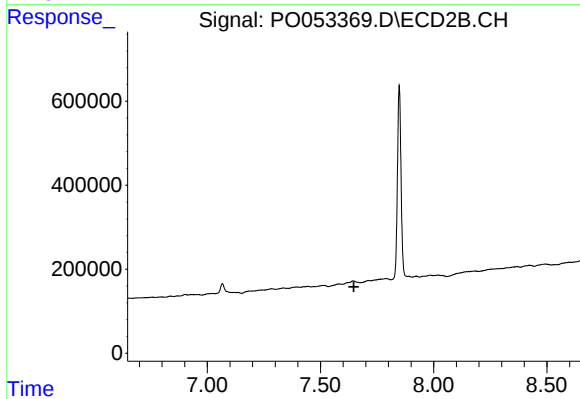
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 7.390 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.335 min  
Delta R.T.: -0.010 min  
Response: 600641  
Conc: 1.75 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 7.648 min  
Response: 0  
Conc: N.D.