

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO112718\  
 Data File : PO051854.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 27 Nov 2018 22:54  
 Operator : SM/SJ  
 Sample : J6070-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 29 10:37:04 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO112618.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 27 01:06:37 2018  
 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... | 4.302 | 3.309 | 15089650 | 4089044 | 23.131  | 17.319 # |
| 2)                          | SA Decachlor... | 9.912 | 8.025 | 7125129  | 3474279 | 17.087  | 17.561   |
| Target Compounds            |                 |       |       |          |         |         |          |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.316 | 0        | 84753   | N.D.    | 11.215 # |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.333 | 0        | 40026   | N.D.    | 3.198 #  |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.569 | 0        | 211054  | N.D.    | 33.949 # |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.569 | 0        | 211054  | N.D.    | 39.509 # |
| 7)                          | L1 AR-1016-5    | 0.000 | 4.745 | 0        | 41900   | N.D.    | 6.275 #  |
| 8)                          | L2 AR-1221-1    | 4.583 | 3.507 | 1916837  | 94315   | 318.835 | 43.082 # |
| 9)                          | L2 AR-1221-2    | 4.583 | 3.653 | 1916837  | 109509  | 440.993 | 61.231 # |
| 10)                         | L2 AR-1221-3    | 4.690 | 3.653 | 2063991  | 109509  | 145.568 | 20.842 # |
| 11)                         | L3 AR-1232-1    | 4.690 | 3.653 | 2063991  | 109509  | 175.022 | 25.486 # |
| 12)                         | L3 AR-1232-2    | 0.000 | 4.333 | 0        | 40026   | N.D.    | 7.500 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.569 | 0        | 211054  | N.D.    | 84.133 # |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.569 | 0        | 211054  | N.D.    | 97.530 # |
| 15)                         | L3 AR-1232-5    | 5.733 | 4.745 | 515637   | 41900   | 133.825 | 15.675 # |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.316 | 0        | 84753   | N.D.    | 14.262 # |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.333 | 0        | 40026   | N.D.    | 3.786 #  |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.569 | 0        | 211054  | N.D.    | 43.327 # |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.569 | 0        | 211054  | N.D.    | 43.876 # |
| 20)                         | L4 AR-1242-5    | 6.363 | 5.070 | 394161   | 46440   | 36.467  | 7.565 #  |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.316 | 0        | 84753   | N.D.    | 16.258 # |
| 22)                         | L5 AR-1248-2    | 5.733 | 4.569 | 515637   | 211054  | 30.324  | 26.908   |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.569 | 0        | 211054  | N.D.    | 27.111 # |
| 24)                         | L5 AR-1248-4    | 6.363 | 4.745 | 394161   | 41900   | 19.287  | 4.295 #  |
| 25)                         | L5 AR-1248-5    | 6.363 | 5.099 | 394161   | 147123  | 20.165  | 16.237   |
| 26)                         | L6 AR-1254-1    | 6.363 | 5.070 | 394161   | 46440   | 19.023  | 3.411 #  |
| 27)                         | L6 AR-1254-2    | 6.554 | 5.250 | 808349   | 141209  | 25.718  | 12.143 # |
| 28)                         | L6 AR-1254-3    | 0.000 | 5.528 | 0        | 144214  | N.D.    | 8.082 #  |
| 30)                         | L6 AR-1254-5    | 0.000 | 6.269 | 0        | 68771   | N.D.    | 5.071 #  |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.703 | 0        | 25404   | N.D.    | 1.924 #  |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.045 | 0        | 109735  | N.D.    | 7.670 #  |
| 35)                         | L7 AR-1260-5    | 0.000 | 6.708 | 0        | 41463   | N.D.    | 1.953 #  |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.269 | 0        | 68771   | N.D.    | 4.321 #  |
| 37)                         | L8 AR-1262-2    | 0.000 | 6.708 | 0        | 41463   | N.D.    | 1.696 #  |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.039 | 0        | 136453  | N.D.    | 13.099 # |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.039 | 0        | 136453  | N.D.    | 7.340 #  |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.039 | 0        | 136453  | N.D.    | 3.931 #  |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.039 | 0        | 136453  | N.D.    | 4.067 #  |
| -----                       |                 |       |       |          |         |         |          |

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

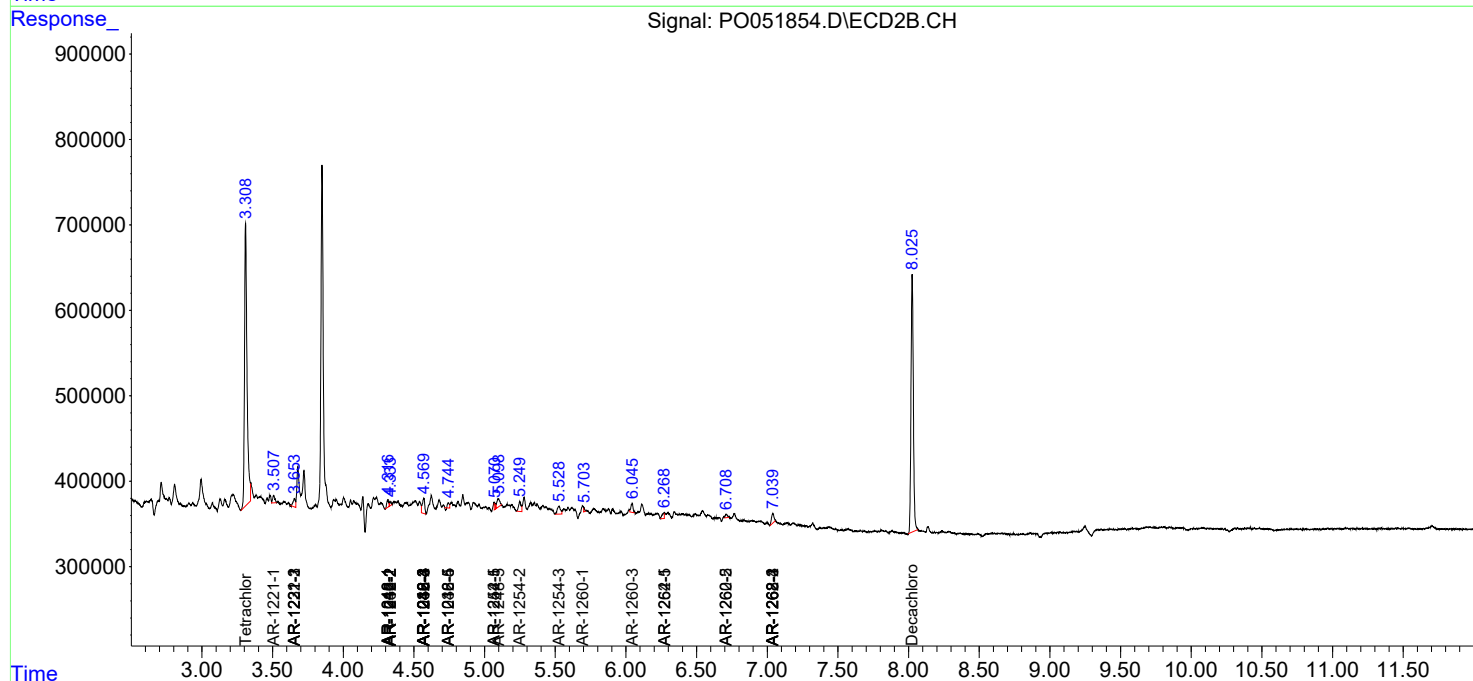
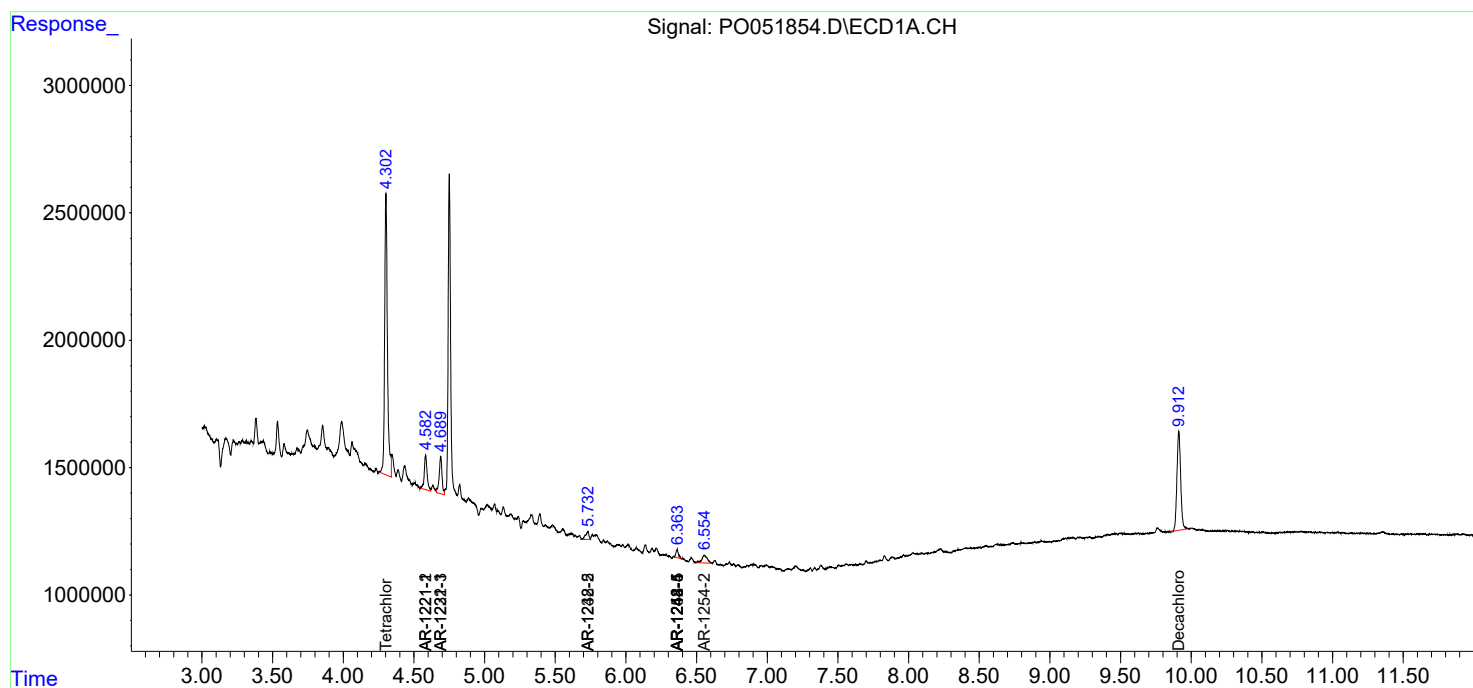
Instrument :  
ECD\_O  
ClientSampleId :

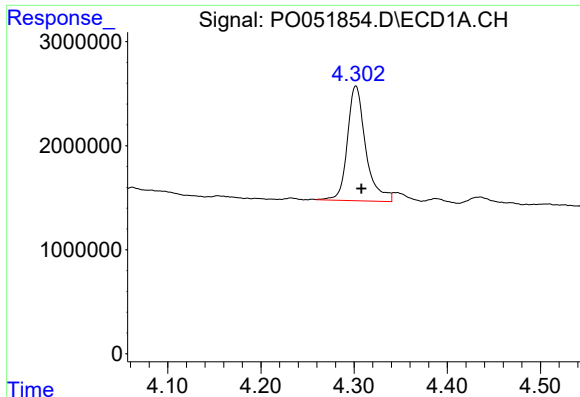
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO112718\  
Data File : PO051854.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 27 Nov 2018 22:54  
Operator : SM/SJ  
Sample : J6070-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 29 10:37:04 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO112618.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 27 01:06:37 2018  
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

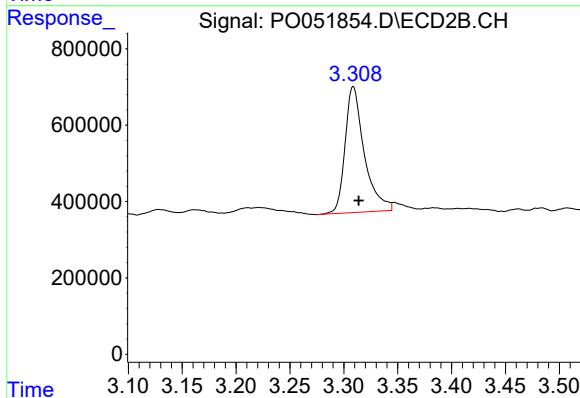




#1 Tetrachloro-m-xylene

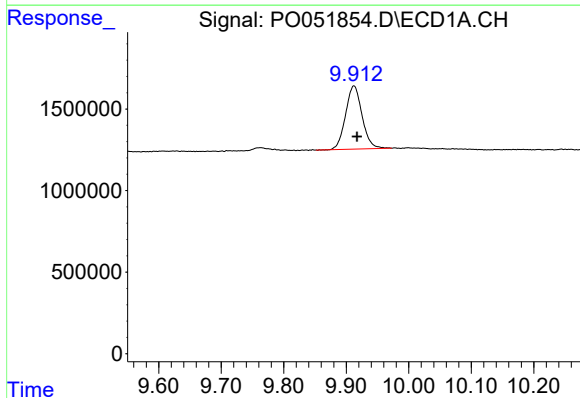
R.T.: 4.302 min  
Delta R.T.: -0.006 min  
Response: 15089650  
Conc: 23.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



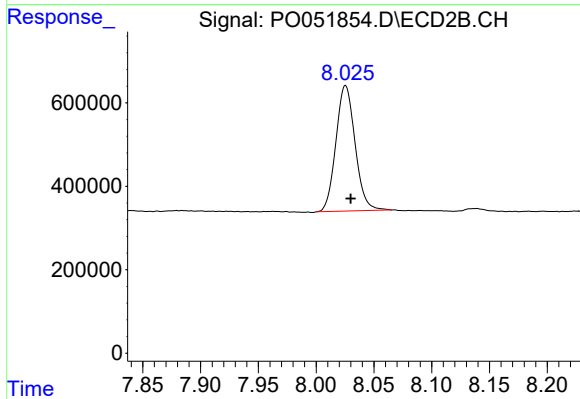
#1 Tetrachloro-m-xylene

R.T.: 3.309 min  
Delta R.T.: -0.005 min  
Response: 4089044  
Conc: 17.32 ng/ml



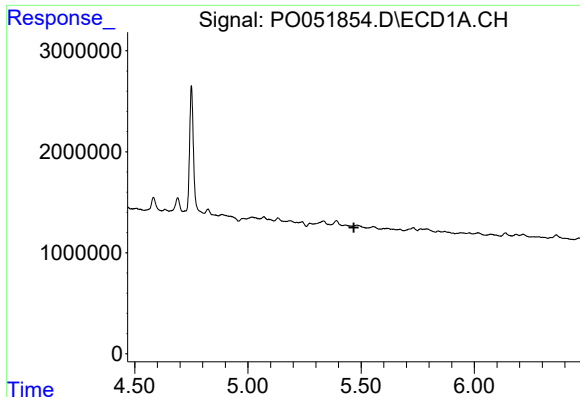
#2 Decachlorobiphenyl

R.T.: 9.912 min  
Delta R.T.: -0.005 min  
Response: 7125129  
Conc: 17.09 ng/ml



#2 Decachlorobiphenyl

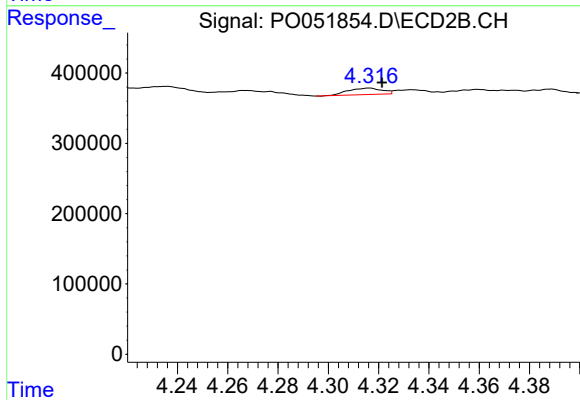
R.T.: 8.025 min  
Delta R.T.: -0.004 min  
Response: 3474279  
Conc: 17.56 ng/ml



#3 AR-1016-1

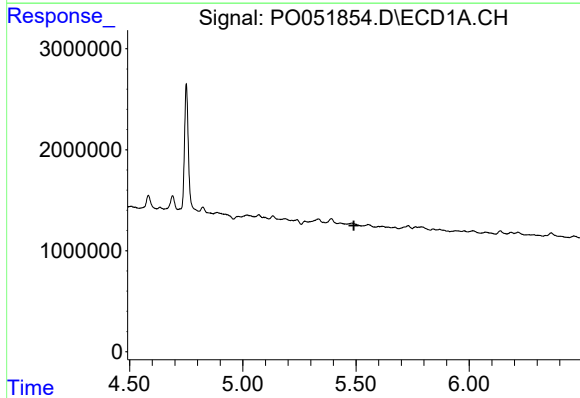
R.T.: 0.000 min  
Exp R.T.: 5.468 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



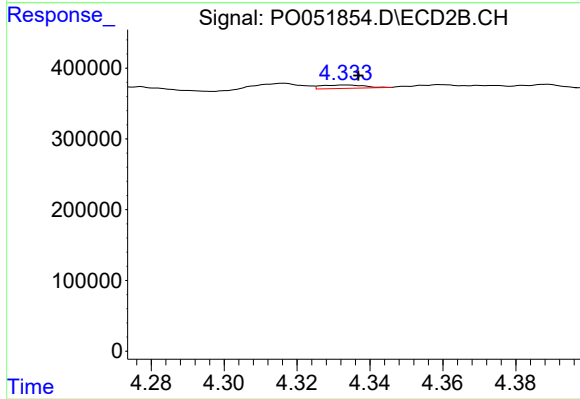
#3 AR-1016-1

R.T.: 4.316 min  
Delta R.T.: -0.005 min  
Response: 84753  
Conc: 11.21 ng/ml



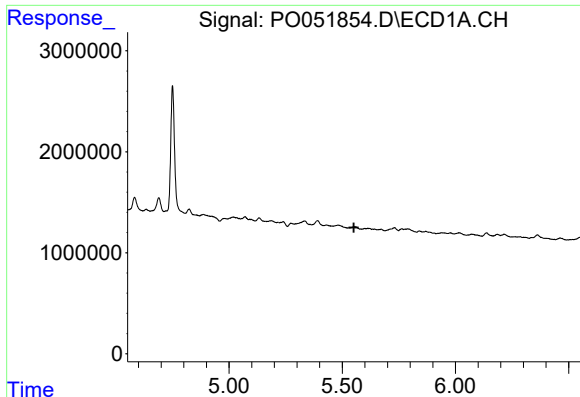
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.490 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

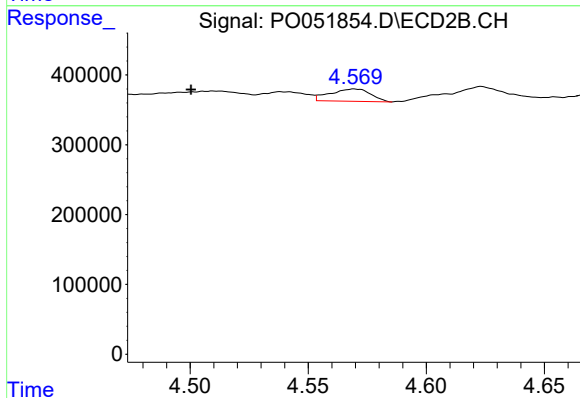
R.T.: 4.333 min  
Delta R.T.: -0.004 min  
Response: 40026  
Conc: 3.20 ng/ml



#5 AR-1016-3

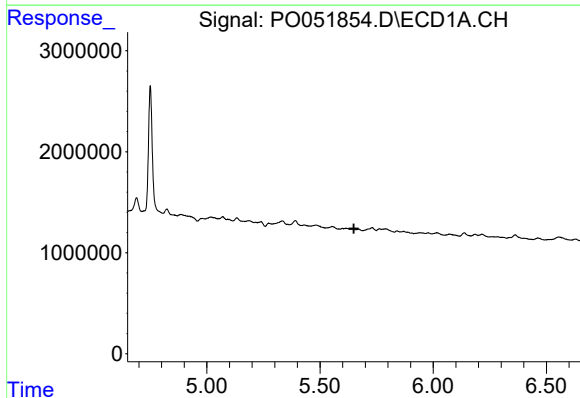
R.T.: 0.000 min  
Exp R.T. : 5.551 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



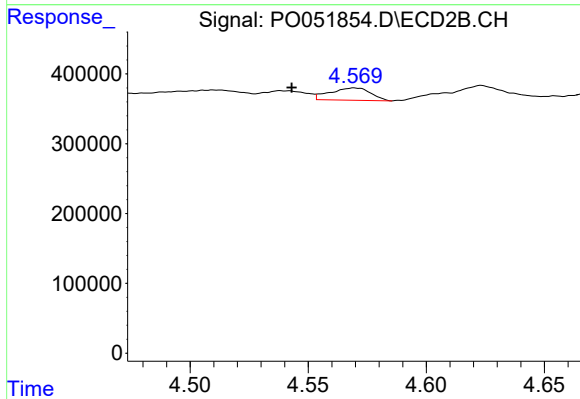
#5 AR-1016-3

R.T.: 4.569 min  
Delta R.T.: 0.069 min  
Response: 211054  
Conc: 33.95 ng/ml



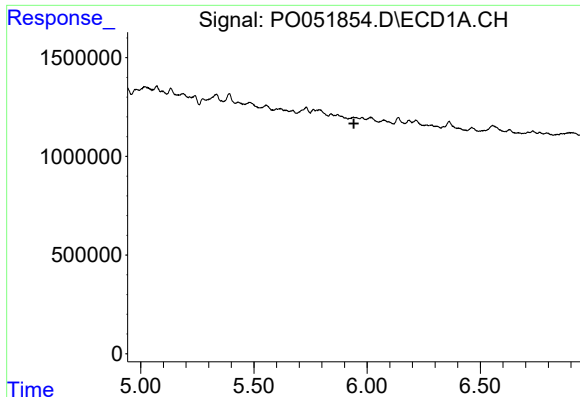
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.650 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

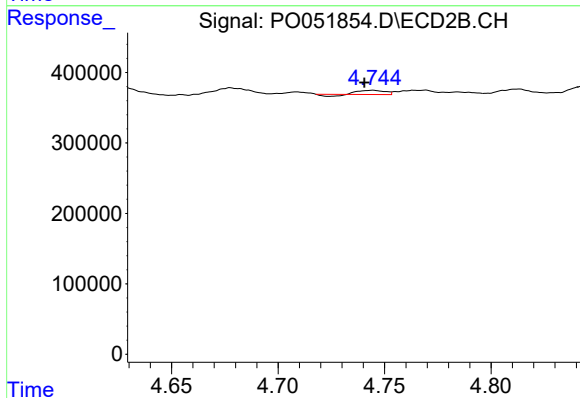
R.T.: 4.569 min  
Delta R.T.: 0.026 min  
Response: 211054  
Conc: 39.51 ng/ml



#7 AR-1016-5

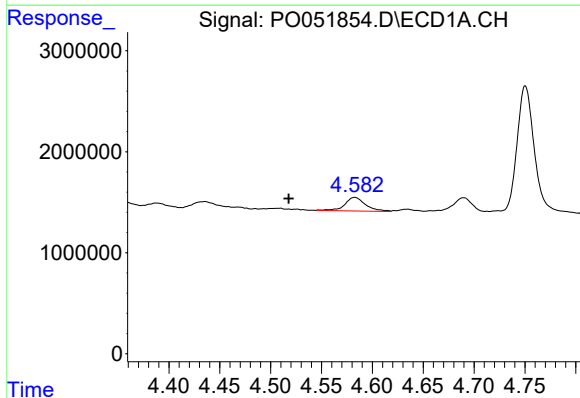
R.T.: 0.000 min  
Exp R.T.: 5.941 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



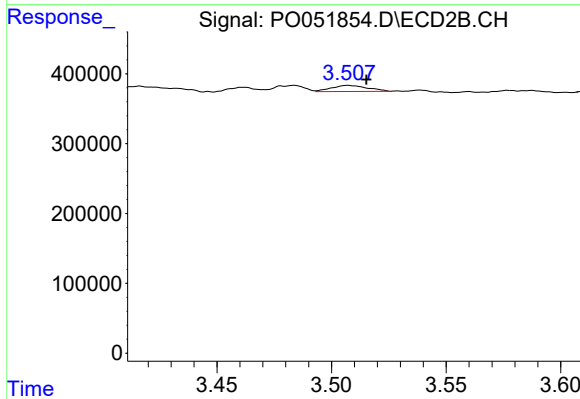
#7 AR-1016-5

R.T.: 4.745 min  
Delta R.T.: 0.004 min  
Response: 41900  
Conc: 6.27 ng/ml



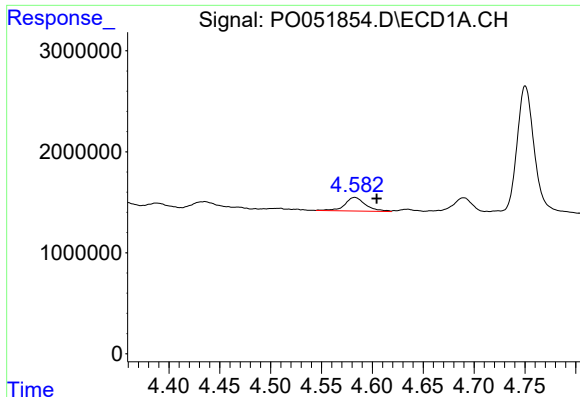
#8 AR-1221-1

R.T.: 4.583 min  
Delta R.T.: 0.065 min  
Response: 1916837  
Conc: 318.83 ng/ml



#8 AR-1221-1

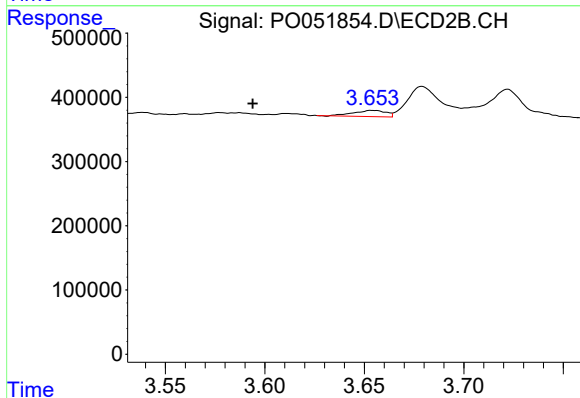
R.T.: 3.507 min  
Delta R.T.: -0.008 min  
Response: 94315  
Conc: 43.08 ng/ml



#9 AR-1221-2

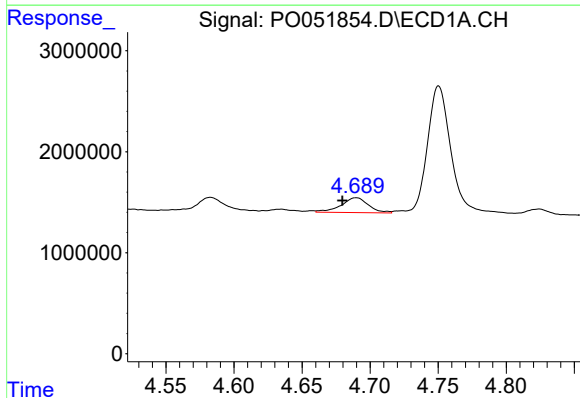
R.T.: 4.583 min  
Delta R.T.: -0.021 min  
Response: 1916837  
Conc: 440.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



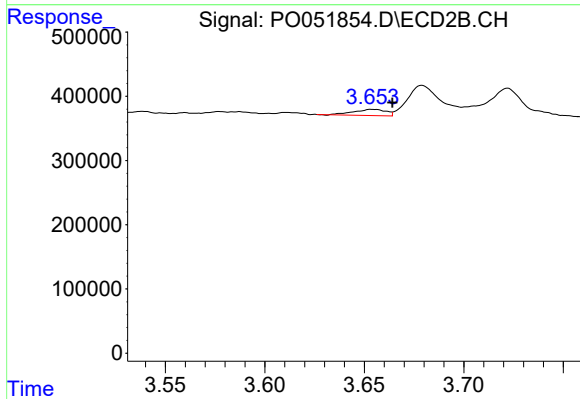
#9 AR-1221-2

R.T.: 3.653 min  
Delta R.T.: 0.059 min  
Response: 109509  
Conc: 61.23 ng/ml



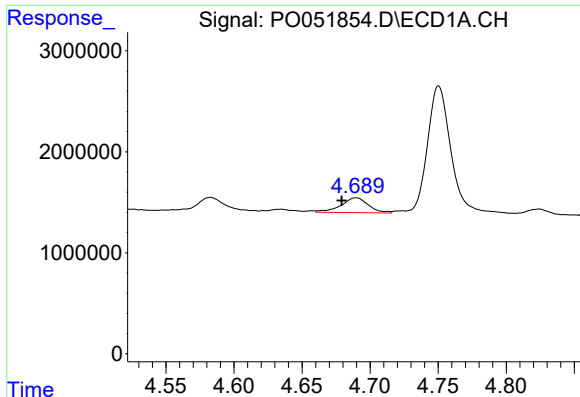
#10 AR-1221-3

R.T.: 4.690 min  
Delta R.T.: 0.010 min  
Response: 2063991  
Conc: 145.57 ng/ml



#10 AR-1221-3

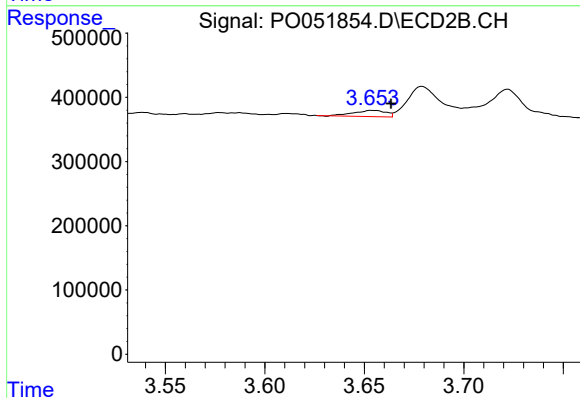
R.T.: 3.653 min  
Delta R.T.: -0.011 min  
Response: 109509  
Conc: 20.84 ng/ml



#11 AR-1232-1

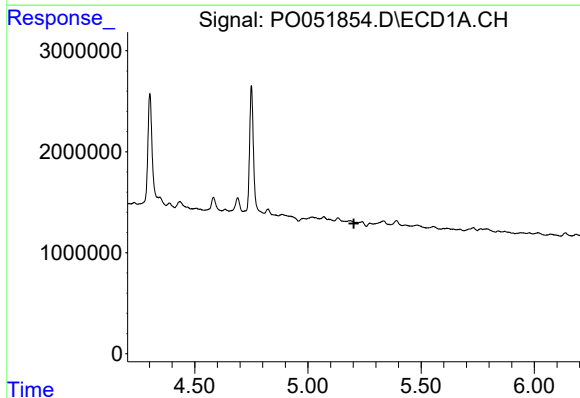
R.T.: 4.690 min  
Delta R.T.: 0.011 min  
Response: 2063991  
Conc: 175.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



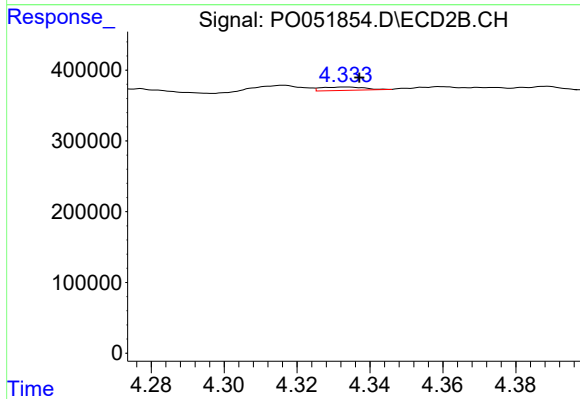
#11 AR-1232-1

R.T.: 3.653 min  
Delta R.T.: -0.010 min  
Response: 109509  
Conc: 25.49 ng/ml



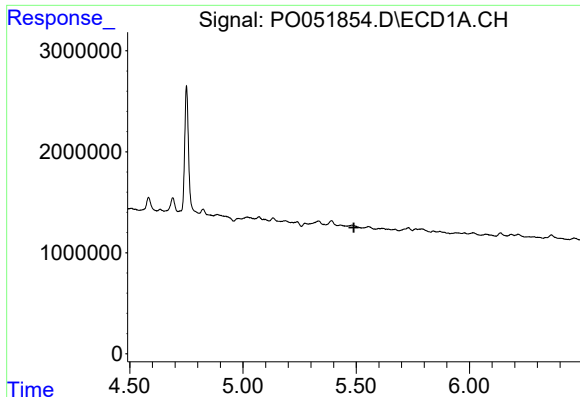
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.203 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

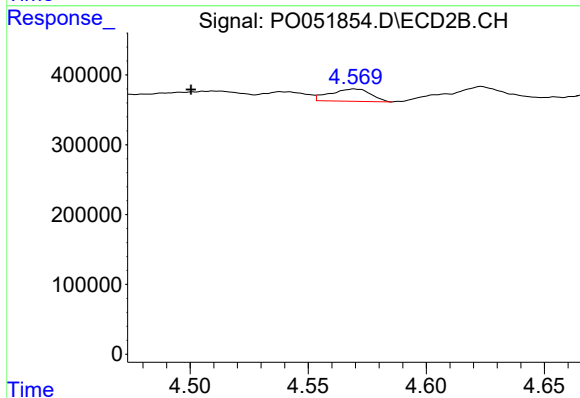
R.T.: 4.333 min  
Delta R.T.: -0.004 min  
Response: 40026  
Conc: 7.50 ng/ml



#13 AR-1232-3

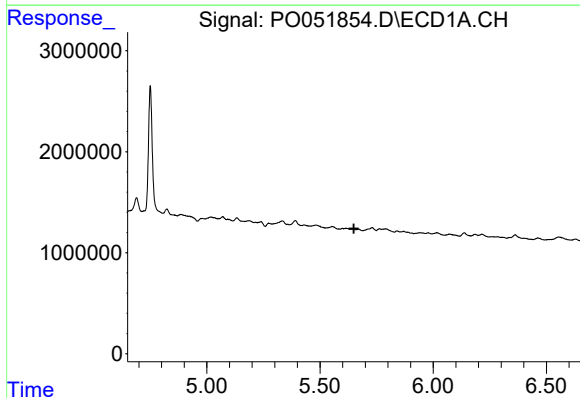
R.T.: 0.000 min  
Exp R.T. : 5.490 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



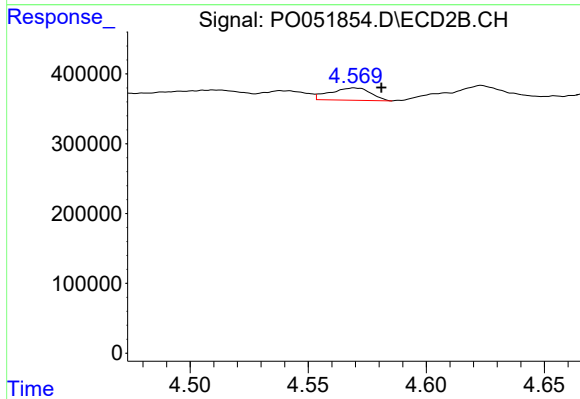
#13 AR-1232-3

R.T.: 4.569 min  
Delta R.T.: 0.069 min  
Response: 211054  
Conc: 84.13 ng/ml



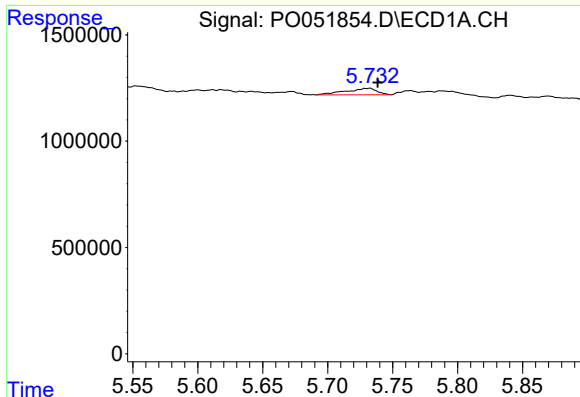
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.650 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

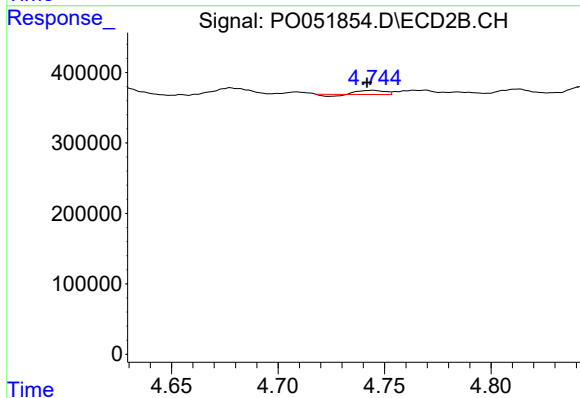
R.T.: 4.569 min  
Delta R.T.: -0.012 min  
Response: 211054  
Conc: 97.53 ng/ml



#15 AR-1232-5

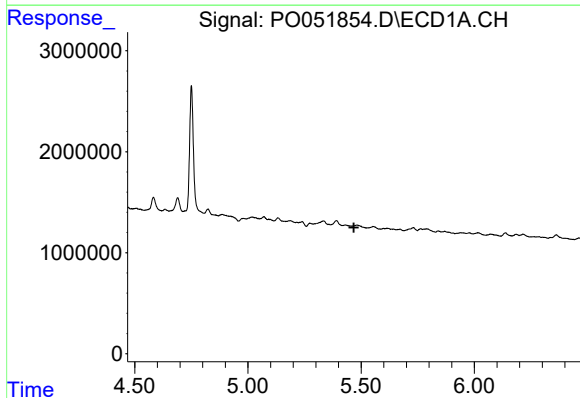
R.T.: 5.733 min  
Delta R.T.: -0.006 min  
Response: 515637  
Conc: 133.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



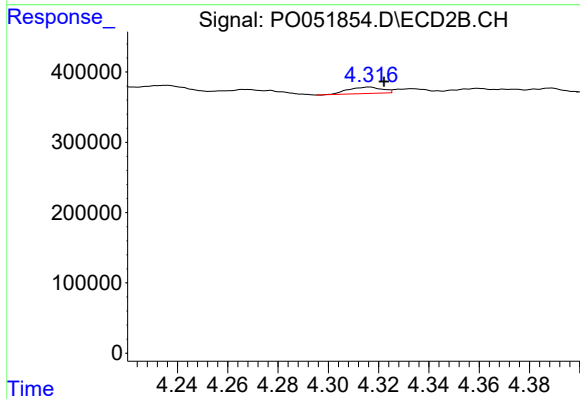
#15 AR-1232-5

R.T.: 4.745 min  
Delta R.T.: 0.003 min  
Response: 41900  
Conc: 15.67 ng/ml



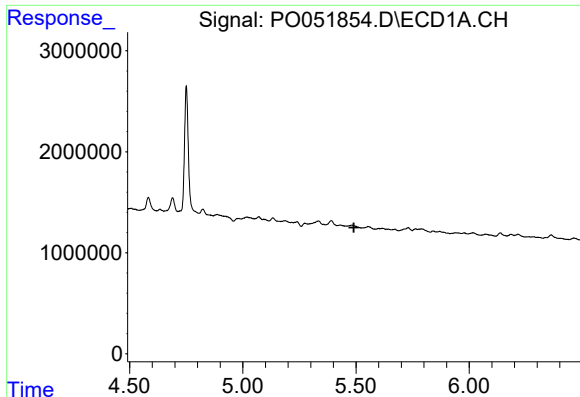
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.468 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

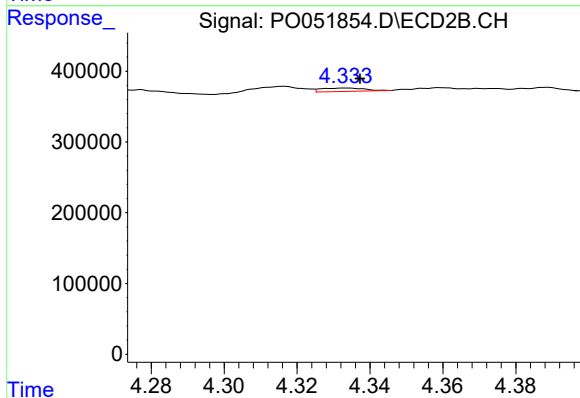
R.T.: 4.316 min  
Delta R.T.: -0.006 min  
Response: 84753  
Conc: 14.26 ng/ml



#17 AR-1242-2

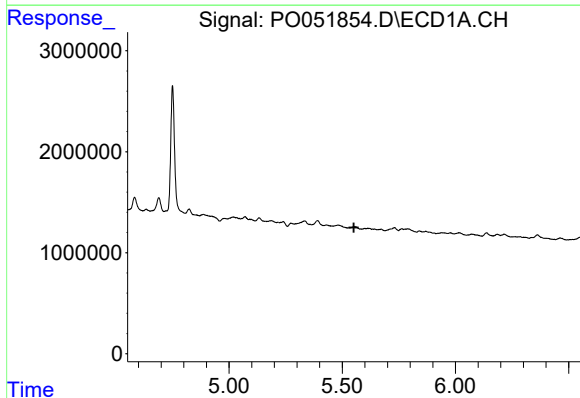
R.T.: 0.000 min  
Exp R.T. : 5.491 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



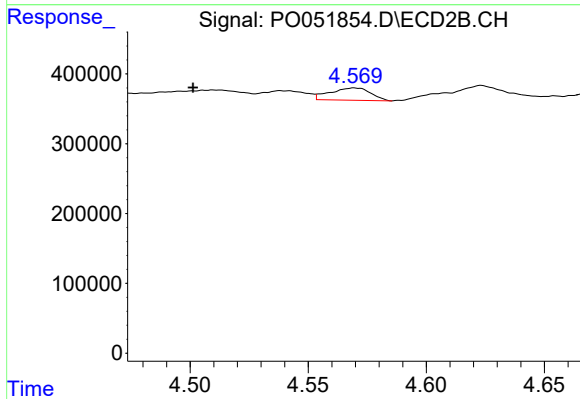
#17 AR-1242-2

R.T.: 4.333 min  
Delta R.T.: -0.004 min  
Response: 40026  
Conc: 3.79 ng/ml



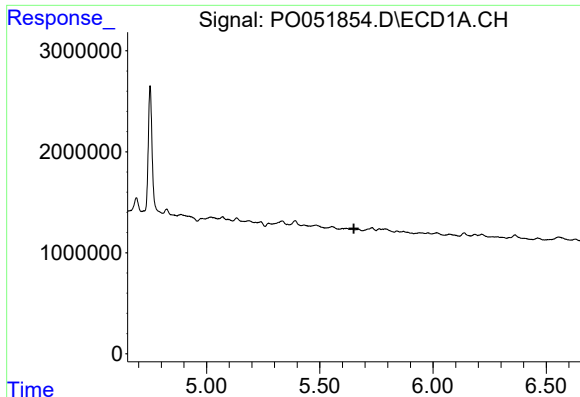
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.552 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

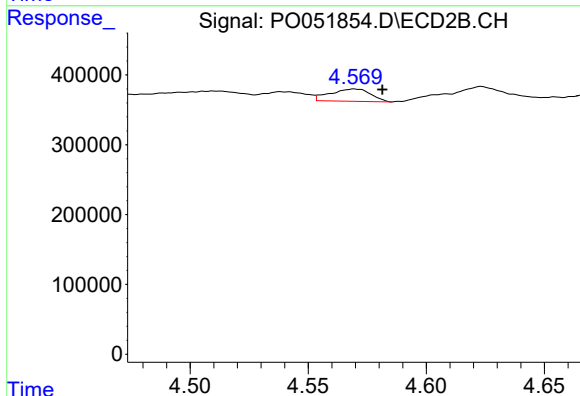
R.T.: 4.569 min  
Delta R.T.: 0.068 min  
Response: 211054  
Conc: 43.33 ng/ml



#19 AR-1242-4

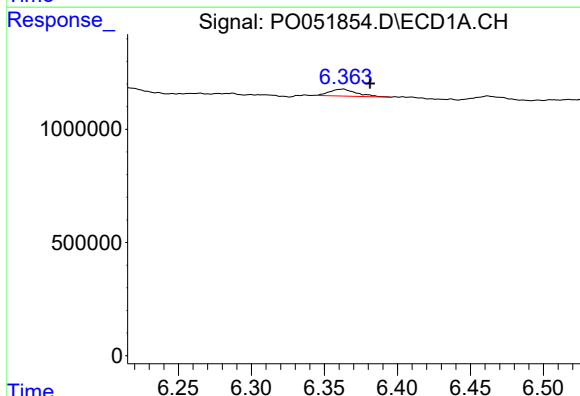
R.T.: 0.000 min  
Exp R.T.: 5.651 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



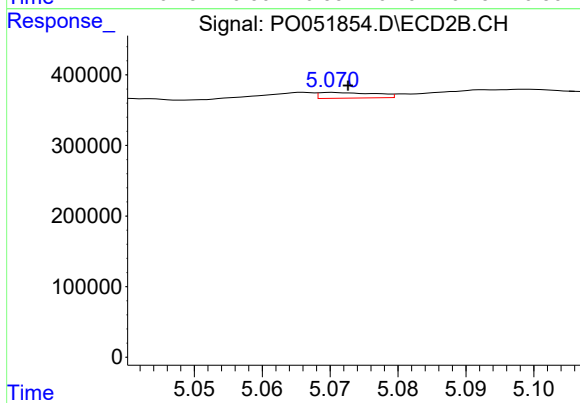
#19 AR-1242-4

R.T.: 4.569 min  
Delta R.T.: -0.012 min  
Response: 211054  
Conc: 43.88 ng/ml



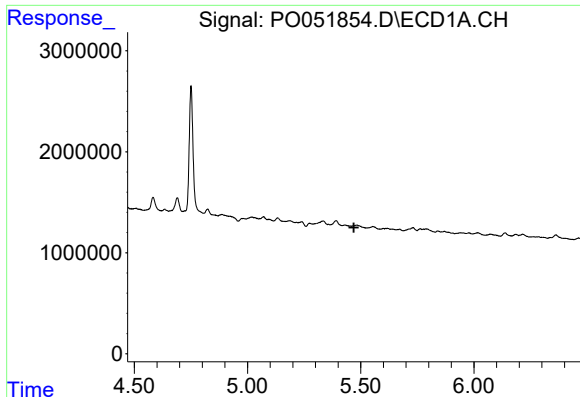
#20 AR-1242-5

R.T.: 6.363 min  
Delta R.T.: -0.018 min  
Response: 394161  
Conc: 36.47 ng/ml



#20 AR-1242-5

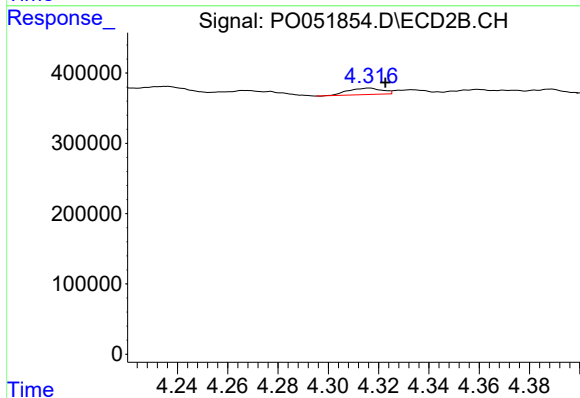
R.T.: 5.070 min  
Delta R.T.: -0.002 min  
Response: 46440  
Conc: 7.57 ng/ml



#21 AR-1248-1

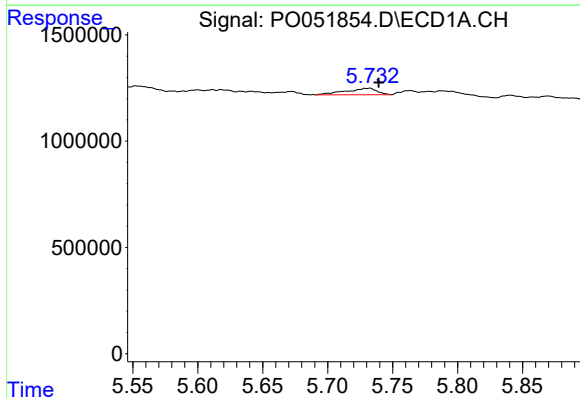
R.T.: 0.000 min  
Exp R.T.: 5.469 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



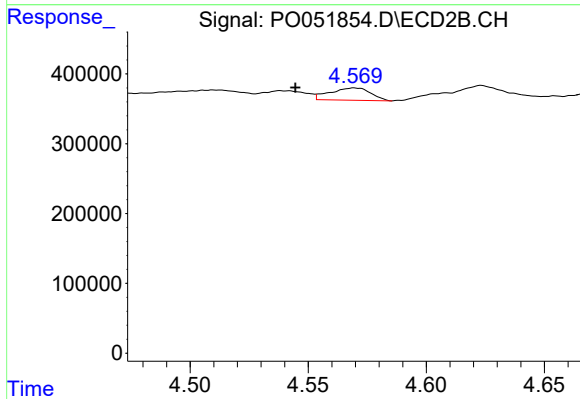
#21 AR-1248-1

R.T.: 4.316 min  
Delta R.T.: -0.006 min  
Response: 84753  
Conc: 16.26 ng/ml



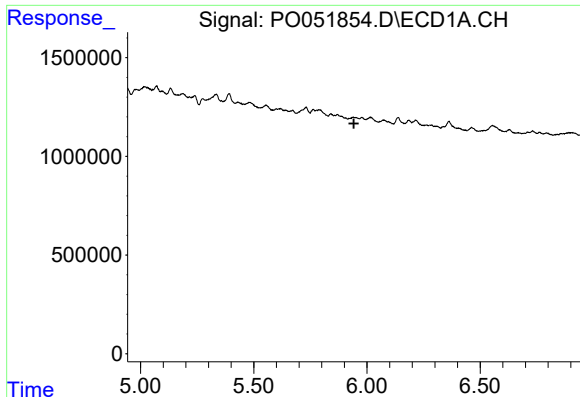
#22 AR-1248-2

R.T.: 5.733 min  
Delta R.T.: -0.007 min  
Response: 515637  
Conc: 30.32 ng/ml



#22 AR-1248-2

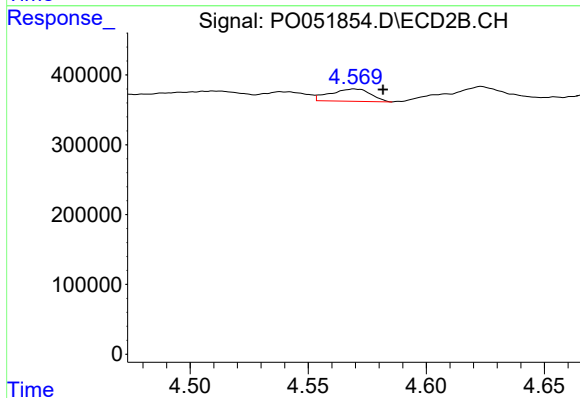
R.T.: 4.569 min  
Delta R.T.: 0.025 min  
Response: 211054  
Conc: 26.91 ng/ml



#23 AR-1248-3

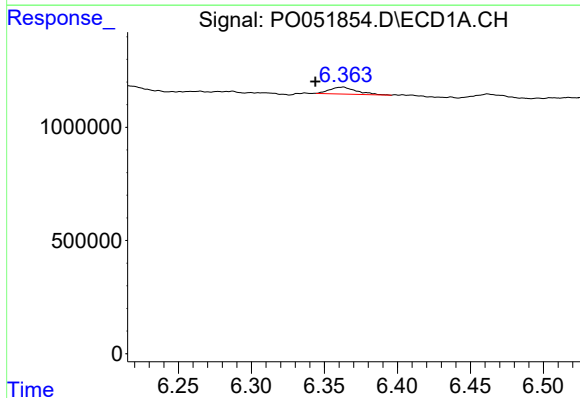
R.T.: 0.000 min  
Exp R.T.: 5.943 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



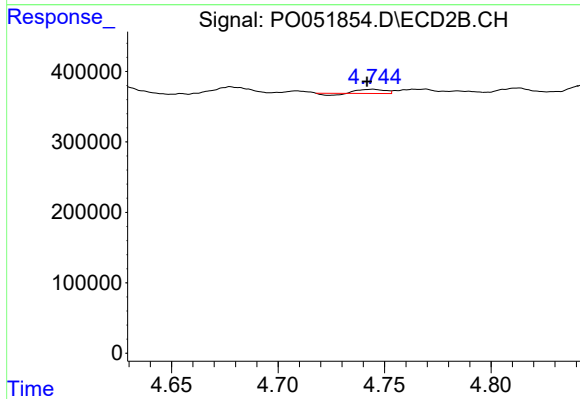
#23 AR-1248-3

R.T.: 4.569 min  
Delta R.T.: -0.012 min  
Response: 211054  
Conc: 27.11 ng/ml



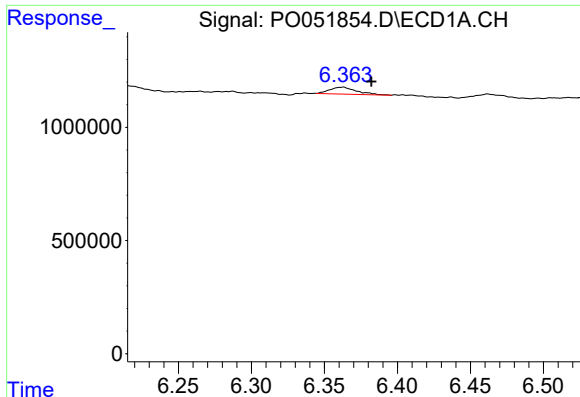
#24 AR-1248-4

R.T.: 6.363 min  
Delta R.T.: 0.019 min  
Response: 394161  
Conc: 19.29 ng/ml



#24 AR-1248-4

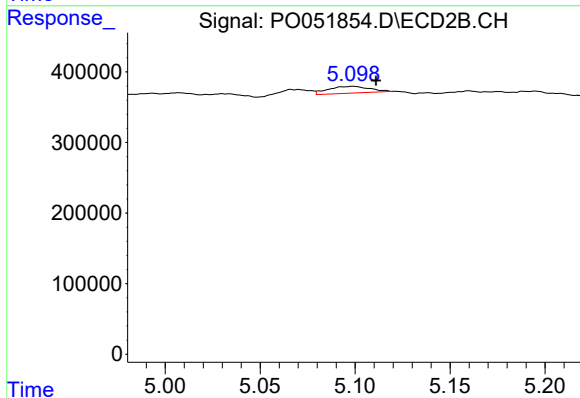
R.T.: 4.745 min  
Delta R.T.: 0.003 min  
Response: 41900  
Conc: 4.29 ng/ml



#25 AR-1248-5

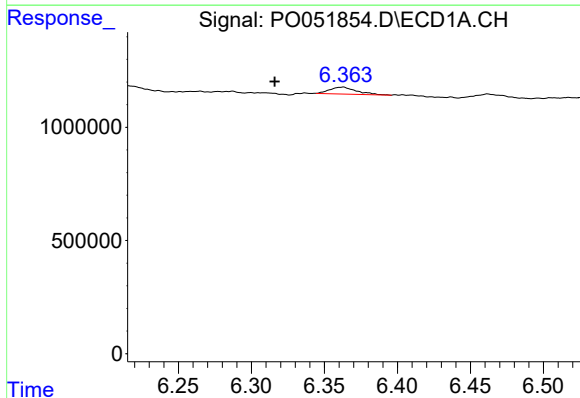
R.T.: 6.363 min  
Delta R.T.: -0.019 min  
Response: 394161  
Conc: 20.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



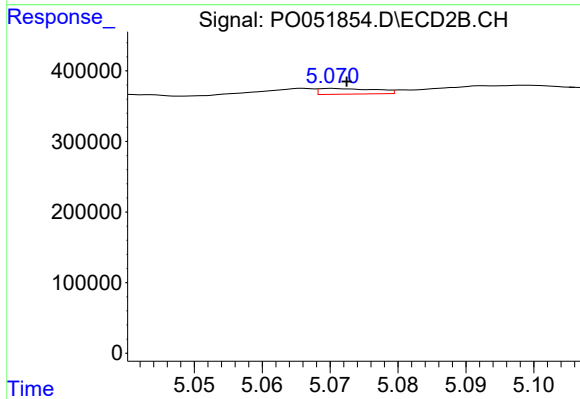
#25 AR-1248-5

R.T.: 5.099 min  
Delta R.T.: -0.012 min  
Response: 147123  
Conc: 16.24 ng/ml



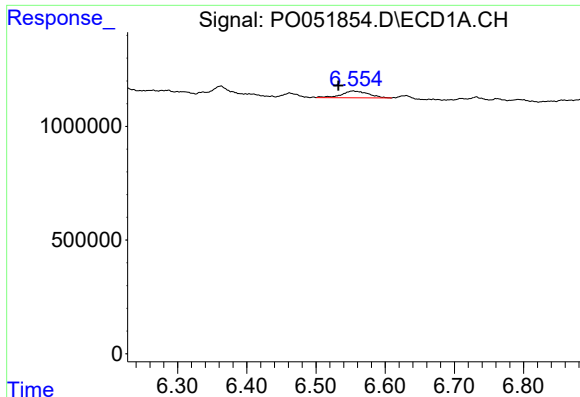
#26 AR-1254-1

R.T.: 6.363 min  
Delta R.T.: 0.047 min  
Response: 394161  
Conc: 19.02 ng/ml



#26 AR-1254-1

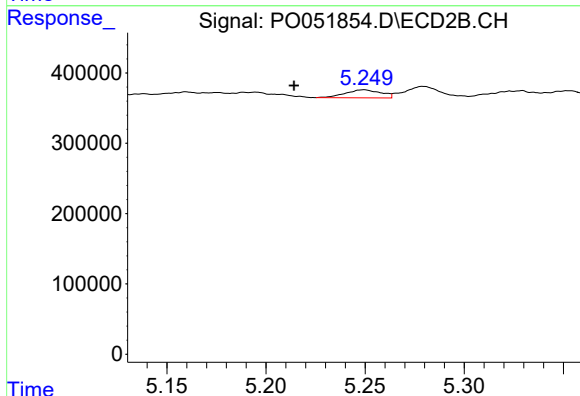
R.T.: 5.070 min  
Delta R.T.: -0.002 min  
Response: 46440  
Conc: 3.41 ng/ml



#27 AR-1254-2

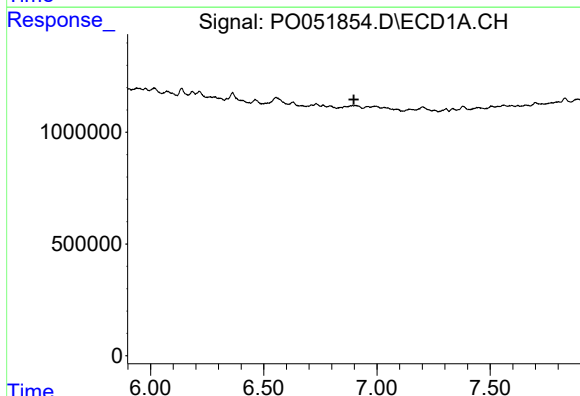
R.T.: 6.554 min  
Delta R.T.: 0.021 min  
Response: 808349  
Conc: 25.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



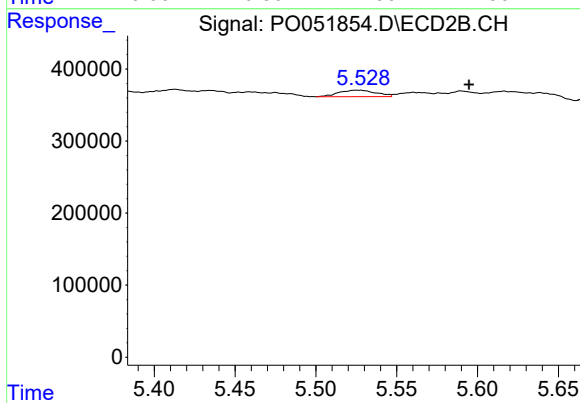
#27 AR-1254-2

R.T.: 5.250 min  
Delta R.T.: 0.036 min  
Response: 141209  
Conc: 12.14 ng/ml



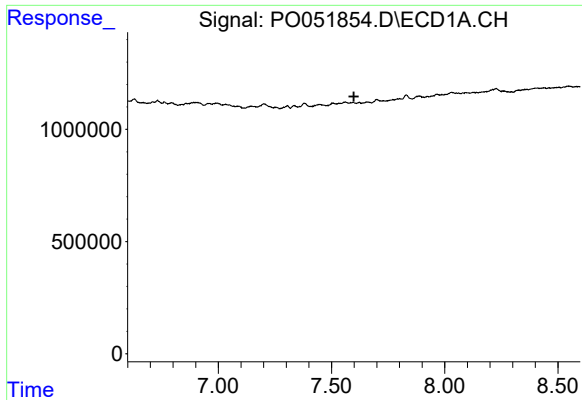
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.898 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

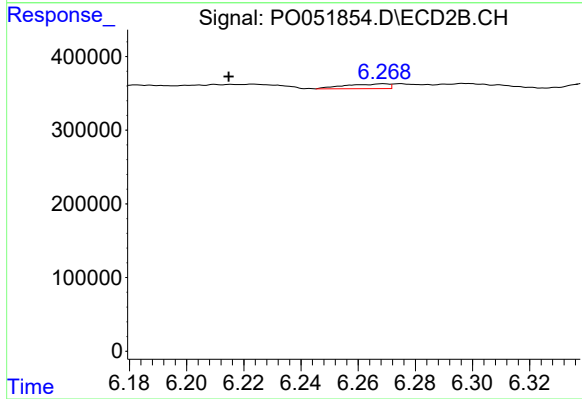
R.T.: 5.528 min  
Delta R.T.: -0.067 min  
Response: 144214  
Conc: 8.08 ng/ml



#30 AR-1254-5

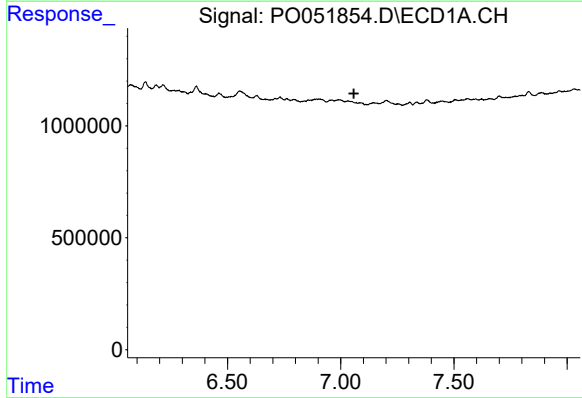
R.T.: 0.000 min  
Exp R.T. : 7.599 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



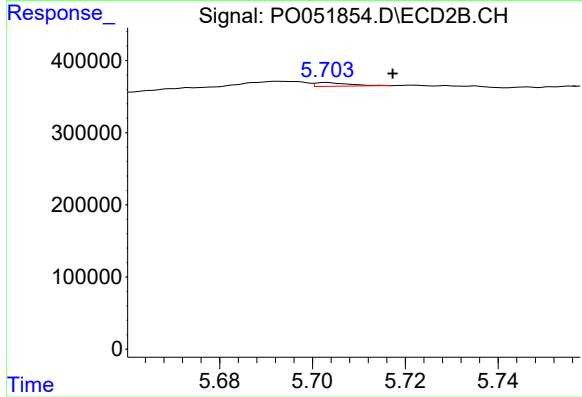
#30 AR-1254-5

R.T.: 6.269 min  
Delta R.T.: 0.054 min  
Response: 68771  
Conc: 5.07 ng/ml



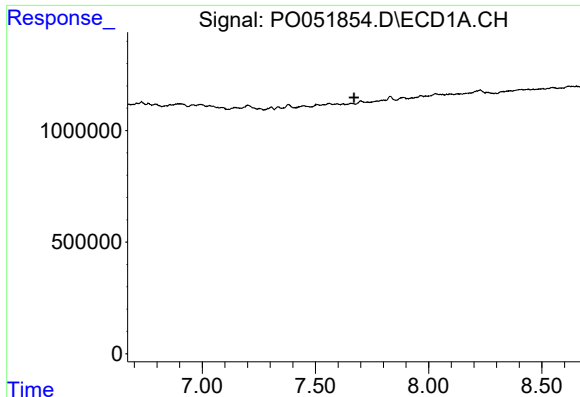
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.058 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

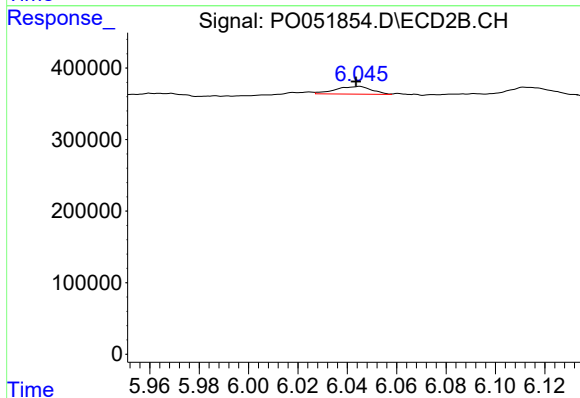
R.T.: 5.703 min  
Delta R.T.: -0.014 min  
Response: 25404  
Conc: 1.92 ng/ml



#33 AR-1260-3

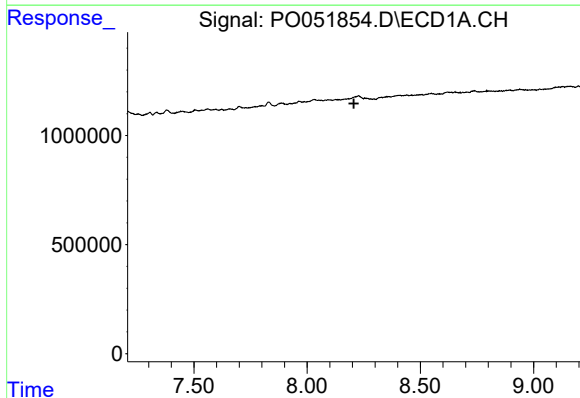
R.T.: 0.000 min  
Exp R.T. : 7.670 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



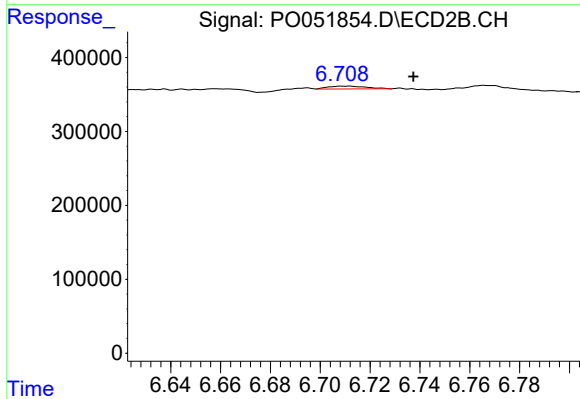
#33 AR-1260-3

R.T.: 6.045 min  
Delta R.T.: 0.002 min  
Response: 109735  
Conc: 7.67 ng/ml



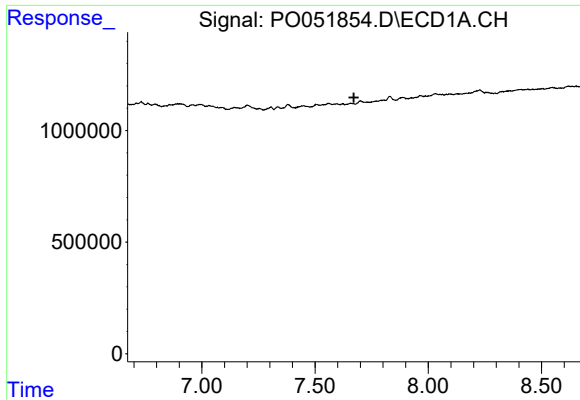
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.206 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

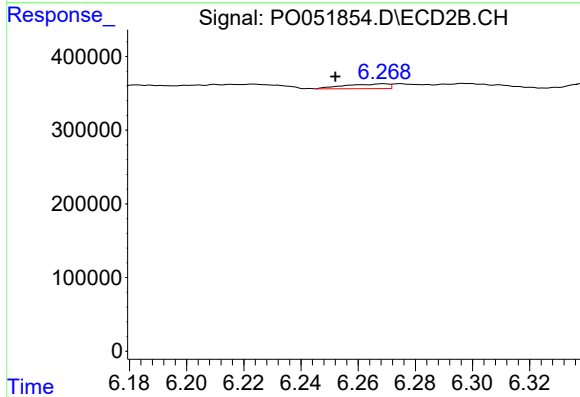
R.T.: 6.708 min  
Delta R.T.: -0.029 min  
Response: 41463  
Conc: 1.95 ng/ml



#36 AR-1262-1

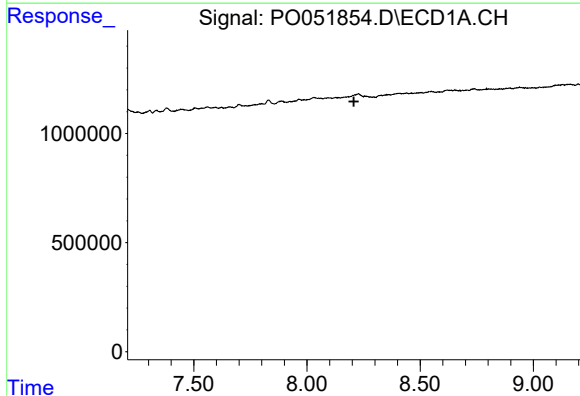
R.T.: 0.000 min  
Exp R.T. : 7.671 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



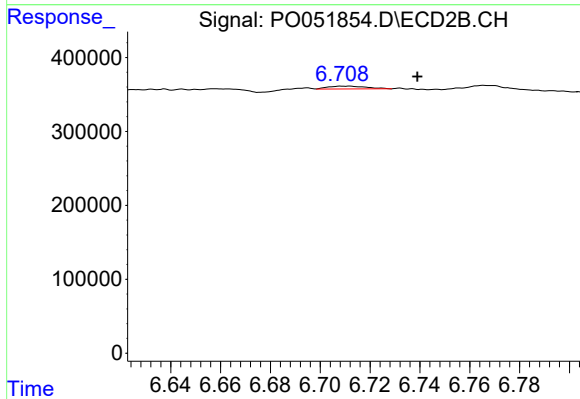
#36 AR-1262-1

R.T.: 6.269 min  
Delta R.T.: 0.017 min  
Response: 68771  
Conc: 4.32 ng/ml



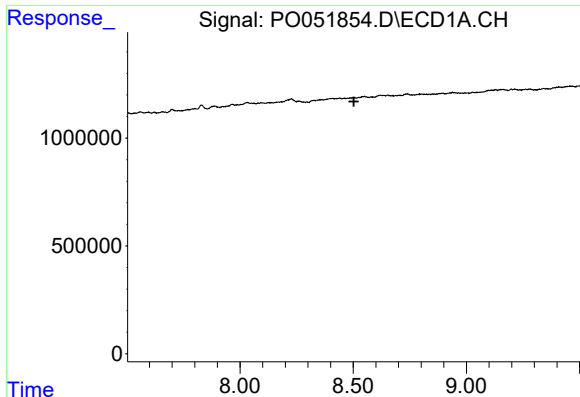
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.207 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

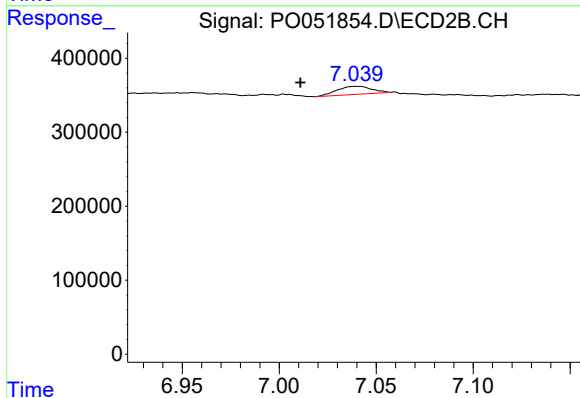
R.T.: 6.708 min  
Delta R.T.: -0.031 min  
Response: 41463  
Conc: 1.70 ng/ml



#38 AR-1262-3

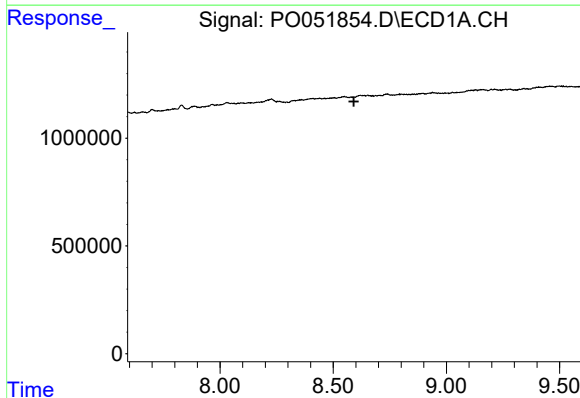
R.T.: 0.000 min  
Exp R.T. : 8.503 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



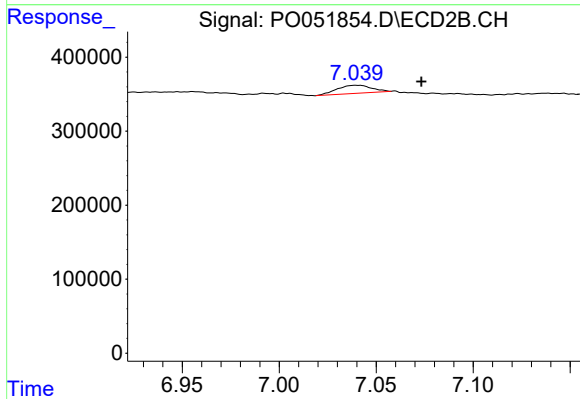
#38 AR-1262-3

R.T.: 7.039 min  
Delta R.T.: 0.028 min  
Response: 136453  
Conc: 13.10 ng/ml



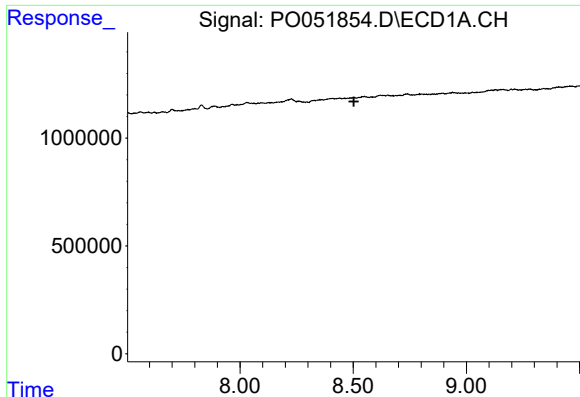
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.591 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

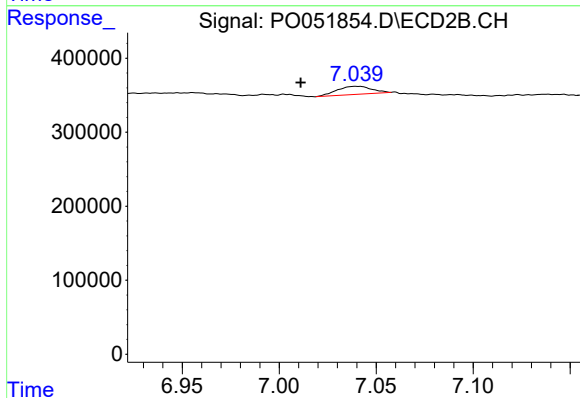
R.T.: 7.039 min  
Delta R.T.: -0.034 min  
Response: 136453  
Conc: 7.34 ng/ml



#41 AR-1268-1

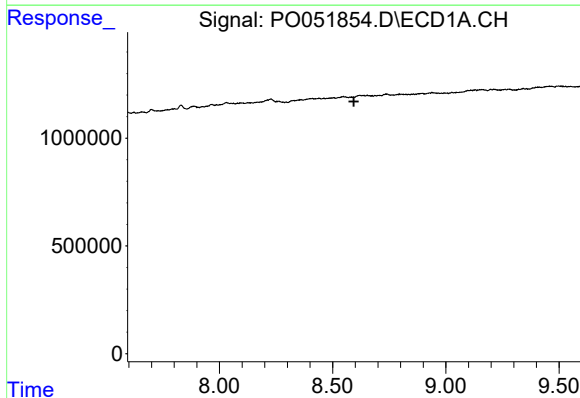
R.T.: 0.000 min  
Exp R.T. : 8.503 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



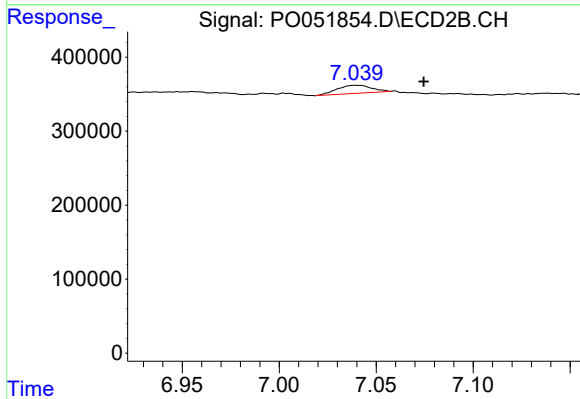
#41 AR-1268-1

R.T.: 7.039 min  
Delta R.T.: 0.028 min  
Response: 136453  
Conc: 3.93 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.594 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.039 min  
Delta R.T.: -0.035 min  
Response: 136453  
Conc: 4.07 ng/ml