

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100418\  
 Data File : PO049620.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 04 Oct 2018 19:07  
 Operator : SM/SJ  
 Sample : J5241-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 05 01:00:26 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100118.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 02 05:32:25 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... | 4.387  | 3.516 | 4037349 | 3796469 | 11.433  | 11.162    |
| 2)                          | SA Decachlor... | 10.101 | 8.444 | 4651142 | 2736229 | 9.815   | 8.956     |
| Target Compounds            |                 |        |       |         |         |         |           |
| 3)                          | L1 AR-1016-1    | 5.537  | 4.601 | 4783039 | 274723  | 334.764 | 20.478 #  |
| 4)                          | L1 AR-1016-2    | 5.587  | 4.601 | 6622486 | 274723  | 330.448 | 15.147 #  |
| 5)                          | L1 AR-1016-3    | 5.587  | 4.841 | 6622486 | 233342  | 532.690 | 21.606 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.841 | 0       | 233342  | N.D.    | 29.522 #  |
| 7)                          | L1 AR-1016-5    | 5.993  | 0.000 | 105502  | 0       | 10.918  | N.D. #    |
| 8)                          | L2 AR-1221-1    | 4.664  | 3.710 | 437145  | 226223  | 115.882 | 63.044 #  |
| 9)                          | L2 AR-1221-2    | 4.664  | 3.857 | 437145  | 288044  | 154.096 | 107.769 # |
| 10)                         | L2 AR-1221-3    | 4.774  | 3.899 | 606894  | 308656  | 66.120  | 37.433 #  |
| 11)                         | L3 AR-1232-1    | 4.774  | 3.899 | 606894  | 308656  | 91.756  | 49.279 #  |
| 12)                         | L3 AR-1232-2    | 5.253  | 4.601 | 357218  | 274723  | 103.309 | 37.344 #  |
| 13)                         | L3 AR-1232-3    | 5.587  | 4.841 | 6622486 | 233342  | 849.423 | 56.399 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.841 | 0       | 233342  | N.D.    | 67.738 #  |
| 15)                         | L3 AR-1232-5    | 5.860  | 0.000 | 863373  | 0       | 330.483 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.537  | 4.601 | 4783039 | 274723  | 455.938 | 26.867 #  |
| 17)                         | L4 AR-1242-2    | 5.587  | 4.601 | 6622486 | 274723  | 452.646 | 19.644 #  |
| 18)                         | L4 AR-1242-3    | 5.587  | 4.841 | 6622486 | 233342  | 747.047 | 29.501 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.841 | 0       | 233342  | N.D.    | 31.893 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.373 | 0       | 410232  | N.D.    | 42.404 #  |
| 21)                         | L5 AR-1248-1    | 5.537  | 4.601 | 4783039 | 274723  | 561.211 | 33.233 #  |
| 22)                         | L5 AR-1248-2    | 5.860  | 4.841 | 863373  | 233342  | 79.014  | 22.389 #  |
| 23)                         | L5 AR-1248-3    | 5.993  | 4.841 | 105502  | 233342  | 8.243   | 21.693 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.373 | 0       | 410232  | N.D.    | 29.230 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.373 | 0       | 410232  | N.D.    | 17.717 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.478 | 0       | 322531  | N.D.    | 16.329 #  |
| 28)                         | L6 AR-1254-3    | 7.009  | 0.000 | 1372283 | 0       | 44.491  | N.D. #    |
| 29)                         | L6 AR-1254-4    | 7.312  | 0.000 | 559927  | 0       | 22.219  | N.D. #    |
| 30)                         | L6 AR-1254-5    | 7.705  | 0.000 | 614116  | 0       | 25.102  | N.D. #    |
| 31)                         | L7 AR-1260-1    | 7.162  | 0.000 | 852034  | 0       | 40.283  | N.D. #    |
| 32)                         | L7 AR-1260-2    | 7.436  | 0.000 | 1130992 | 0       | 42.034  | N.D. #    |
| 33)                         | L7 AR-1260-3    | 7.705  | 6.446 | 614116  | 294193  | 31.083  | 12.412 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 6.831 | 0       | 251351  | N.D.    | 13.933 #  |
| 35)                         | L7 AR-1260-5    | 8.333  | 7.043 | 134659  | 265410  | 3.000   | 5.680 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.671 | 0       | 669690  | N.D.    | 23.187 #  |
| 37)                         | L8 AR-1262-2    | 8.333  | 7.043 | 134659  | 265410  | 2.734   | 5.321 #   |
| 39)                         | L8 AR-1262-4    | 8.741  | 0.000 | 657695  | 0       | 24.358  | N.D. #    |
| 42)                         | L9 AR-1268-2    | 8.741  | 0.000 | 657695  | 0       | 10.061  | N.D. #    |
| -----                       |                 |        |       |         |         |         |           |

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

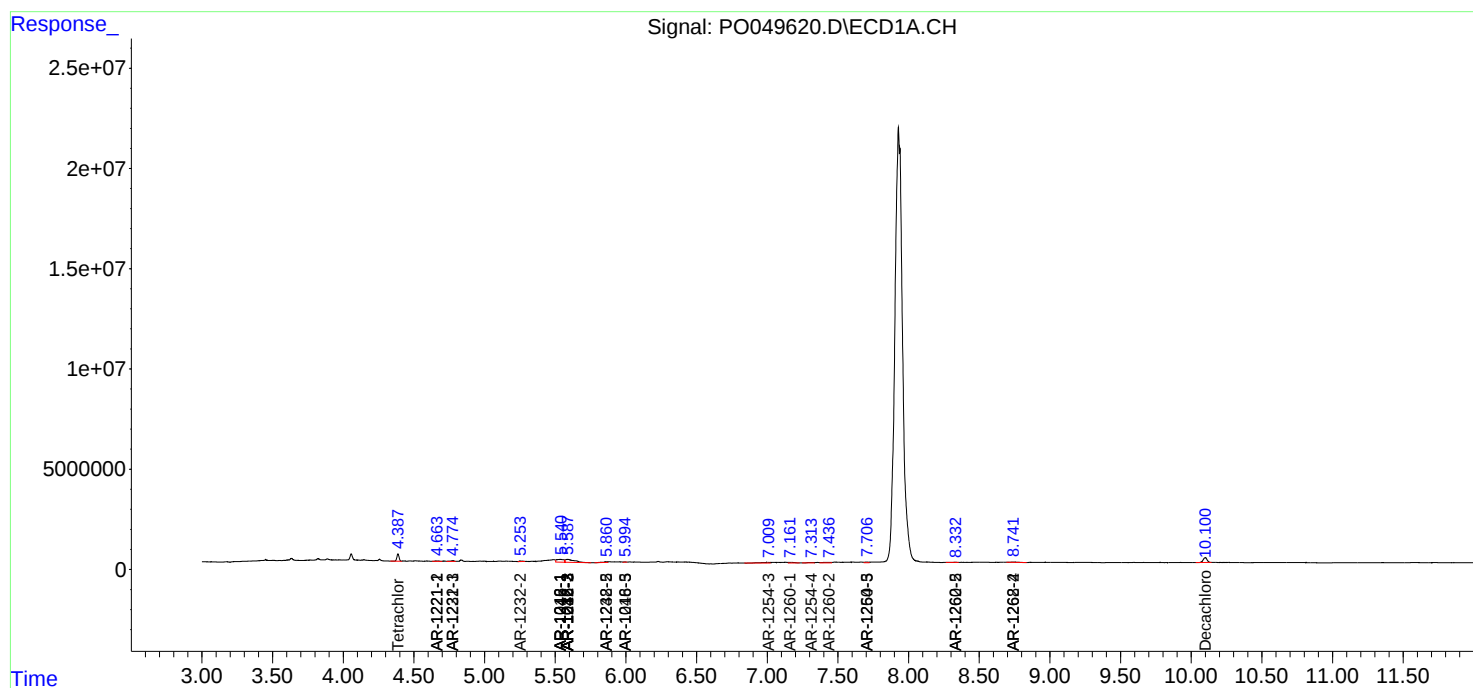
Instrument :  
ECD\_O  
ClientSampleId :

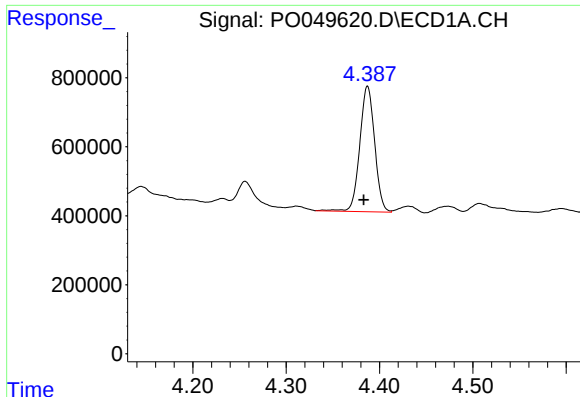
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100418\  
Data File : P0049620.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 04 Oct 2018 19:07  
Operator : SM/SJ  
Sample : J5241-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 05 01:00:26 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100118.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 02 05:32:25 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

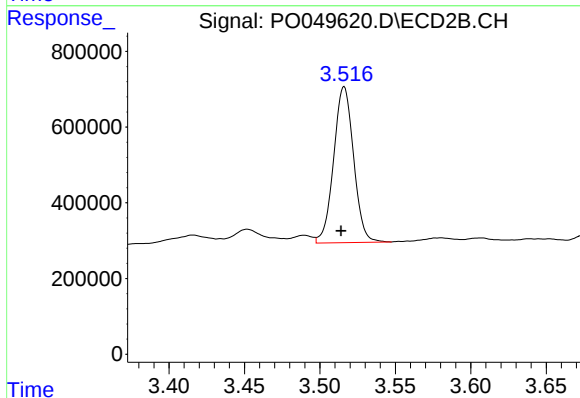




#1 Tetrachloro-m-xylene

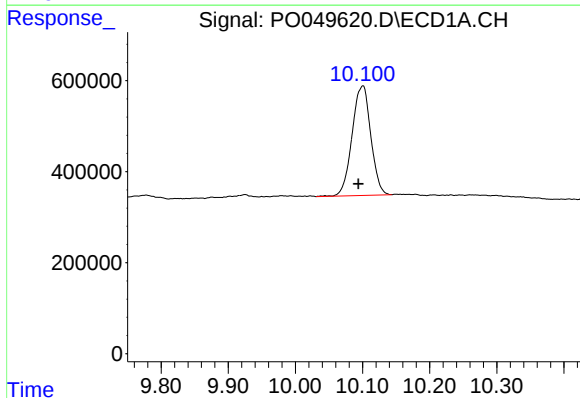
R.T.: 4.387 min  
Delta R.T.: 0.004 min  
Response: 4037349  
Conc: 11.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



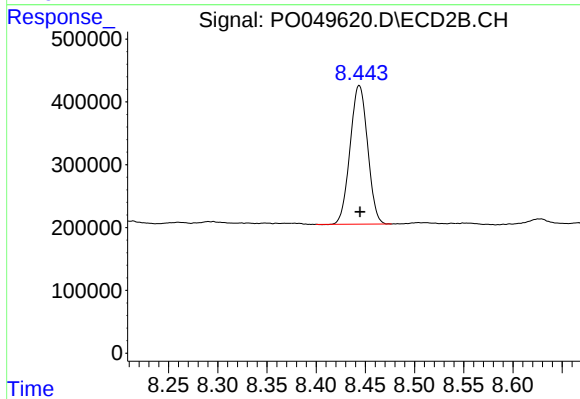
#1 Tetrachloro-m-xylene

R.T.: 3.516 min  
Delta R.T.: 0.002 min  
Response: 3796469  
Conc: 11.16 ng/ml



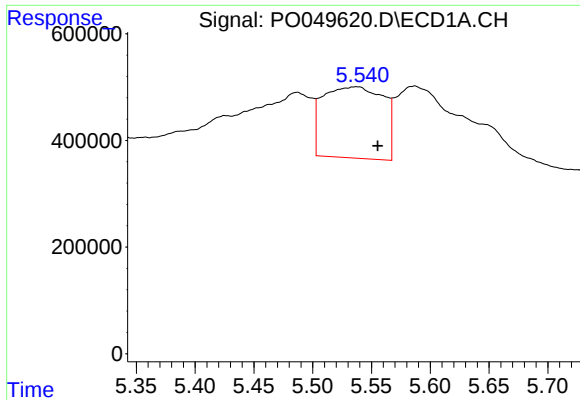
#2 Decachlorobiphenyl

R.T.: 10.101 min  
Delta R.T.: 0.006 min  
Response: 4651142  
Conc: 9.82 ng/ml



#2 Decachlorobiphenyl

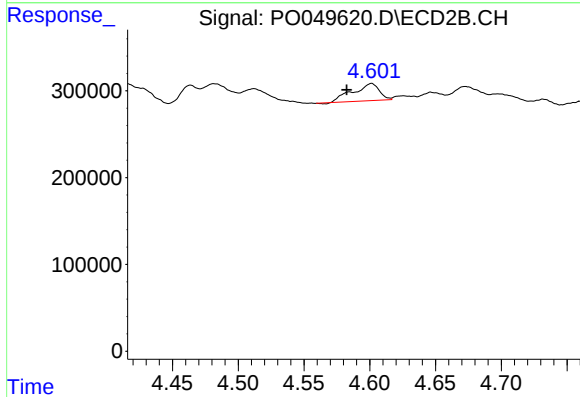
R.T.: 8.444 min  
Delta R.T.: 0.000 min  
Response: 2736229  
Conc: 8.96 ng/ml



#3 AR-1016-1

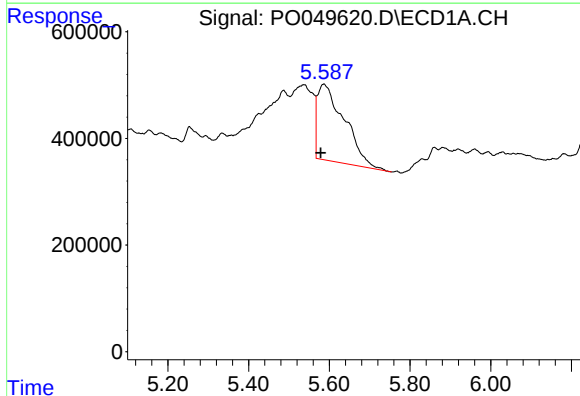
R.T.: 5.537 min  
Delta R.T.: -0.018 min  
Response: 4783039  
Conc: 334.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



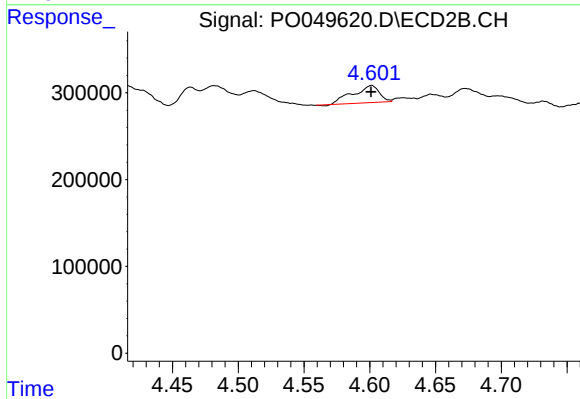
#3 AR-1016-1

R.T.: 4.601 min  
Delta R.T.: 0.019 min  
Response: 274723  
Conc: 20.48 ng/ml



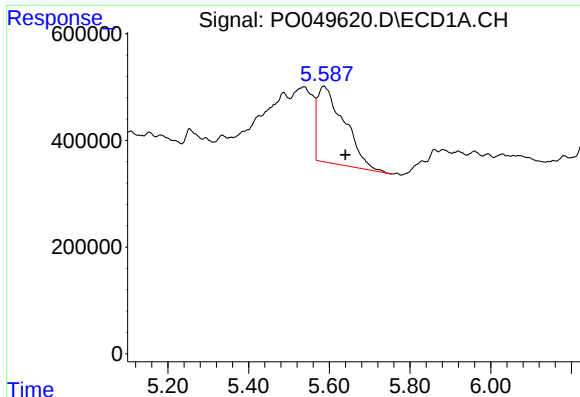
#4 AR-1016-2

R.T.: 5.587 min  
Delta R.T.: 0.008 min  
Response: 6622486  
Conc: 330.45 ng/ml



#4 AR-1016-2

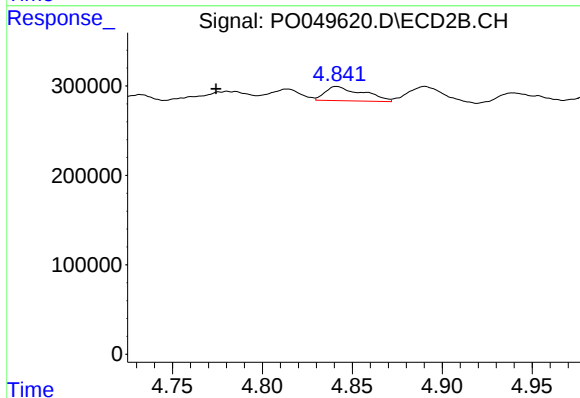
R.T.: 4.601 min  
Delta R.T.: 0.000 min  
Response: 274723  
Conc: 15.15 ng/ml



#5 AR-1016-3

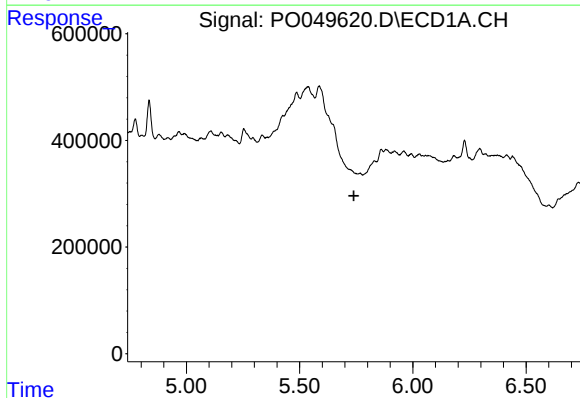
R.T.: 5.587 min  
Delta R.T.: -0.053 min  
Response: 6622486  
Conc: 532.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



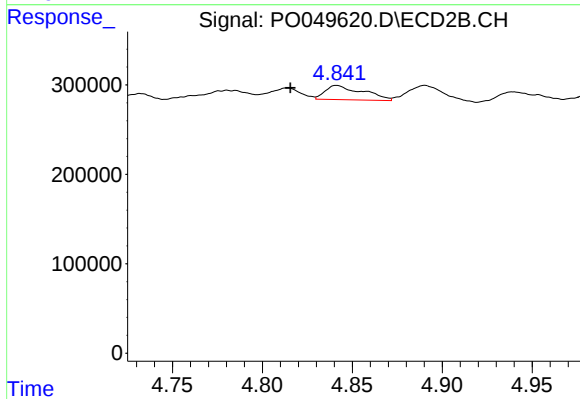
#5 AR-1016-3

R.T.: 4.841 min  
Delta R.T.: 0.067 min  
Response: 233342  
Conc: 21.61 ng/ml



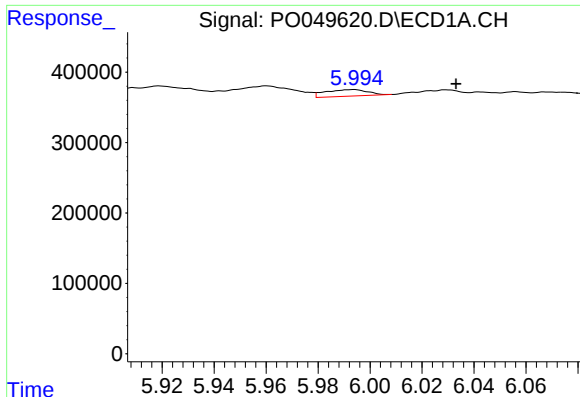
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.739 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

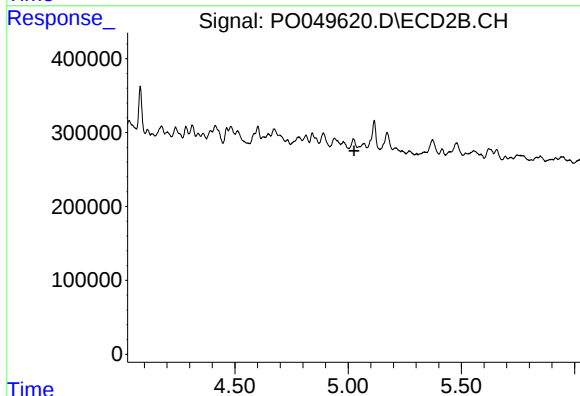
R.T.: 4.841 min  
Delta R.T.: 0.026 min  
Response: 233342  
Conc: 29.52 ng/ml



#7 AR-1016-5

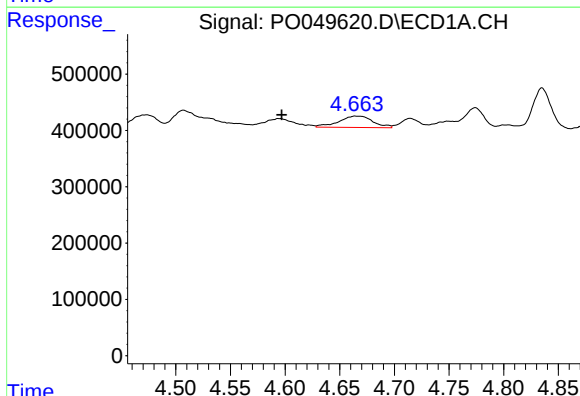
R.T.: 5.993 min  
Delta R.T.: -0.040 min  
Response: 105502  
Conc: 10.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



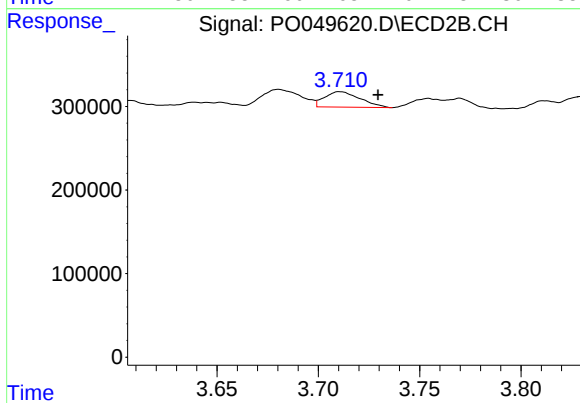
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.026 min  
Response: 0  
Conc: N.D.



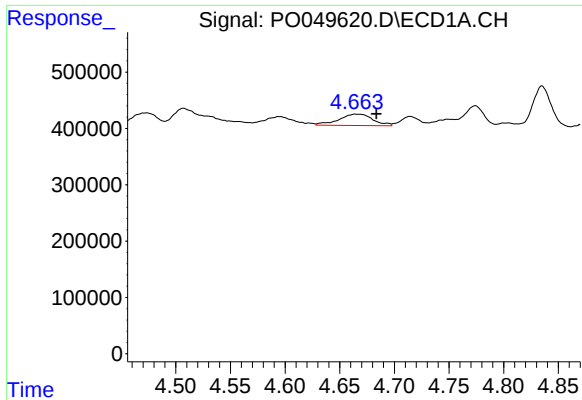
#8 AR-1221-1

R.T.: 4.664 min  
Delta R.T.: 0.067 min  
Response: 437145  
Conc: 115.88 ng/ml



#8 AR-1221-1

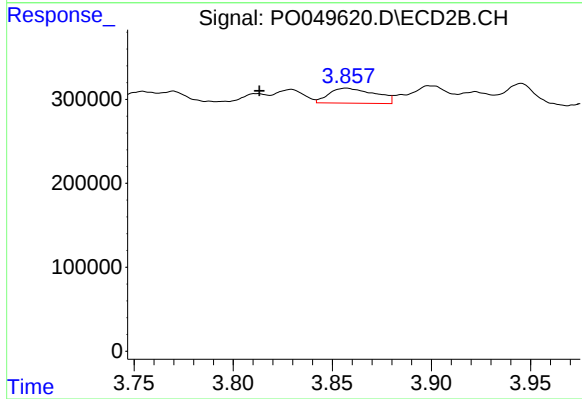
R.T.: 3.710 min  
Delta R.T.: -0.019 min  
Response: 226223  
Conc: 63.04 ng/ml



#9 AR-1221-2

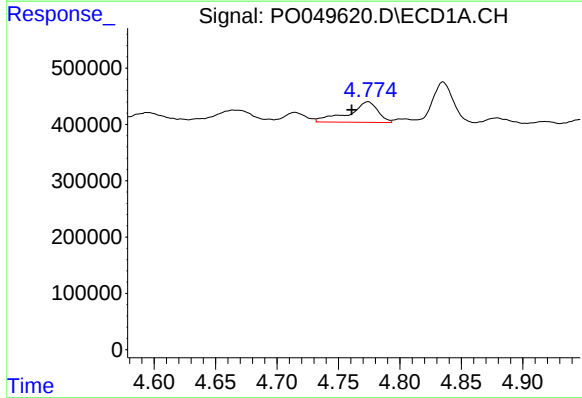
R.T.: 4.664 min  
Delta R.T.: -0.019 min  
Response: 437145  
Conc: 154.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



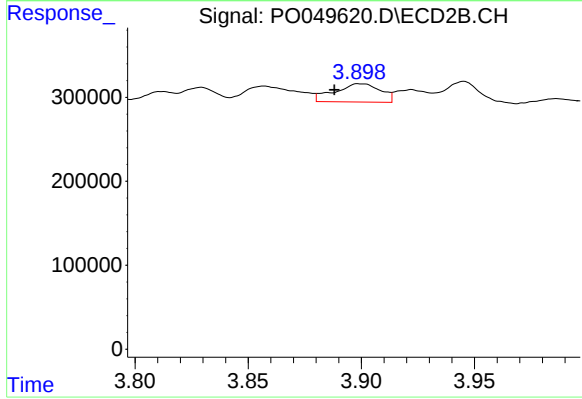
#9 AR-1221-2

R.T.: 3.857 min  
Delta R.T.: 0.044 min  
Response: 288044  
Conc: 107.77 ng/ml



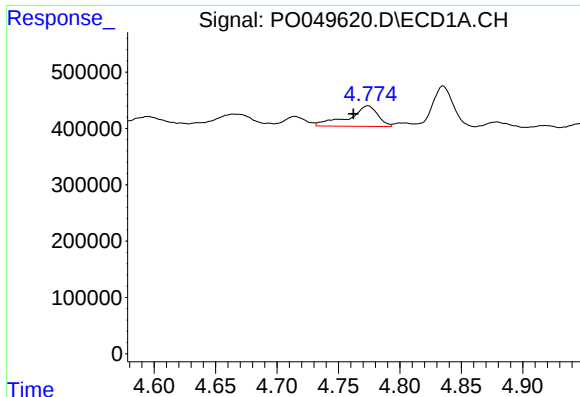
#10 AR-1221-3

R.T.: 4.774 min  
Delta R.T.: 0.013 min  
Response: 606894  
Conc: 66.12 ng/ml



#10 AR-1221-3

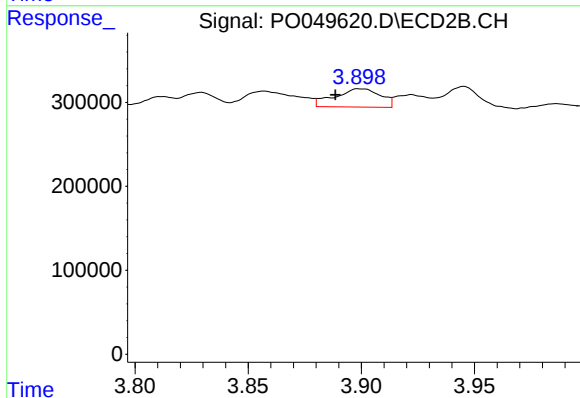
R.T.: 3.899 min  
Delta R.T.: 0.010 min  
Response: 308656  
Conc: 37.43 ng/ml



#11 AR-1232-1

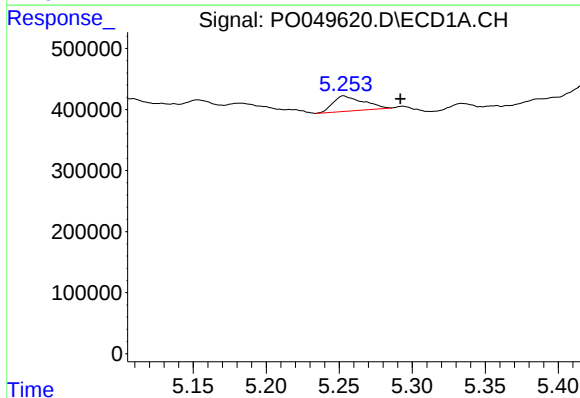
R.T.: 4.774 min  
Delta R.T.: 0.012 min  
Response: 606894  
Conc: 91.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



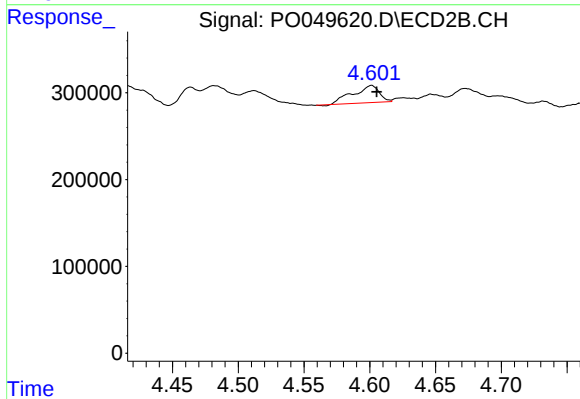
#11 AR-1232-1

R.T.: 3.899 min  
Delta R.T.: 0.010 min  
Response: 308656  
Conc: 49.28 ng/ml



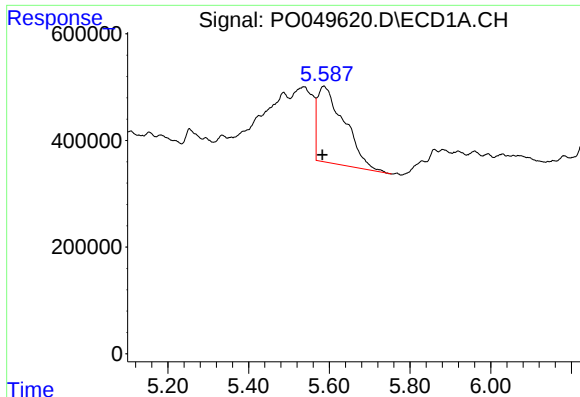
#12 AR-1232-2

R.T.: 5.253 min  
Delta R.T.: -0.039 min  
Response: 357218  
Conc: 103.31 ng/ml



#12 AR-1232-2

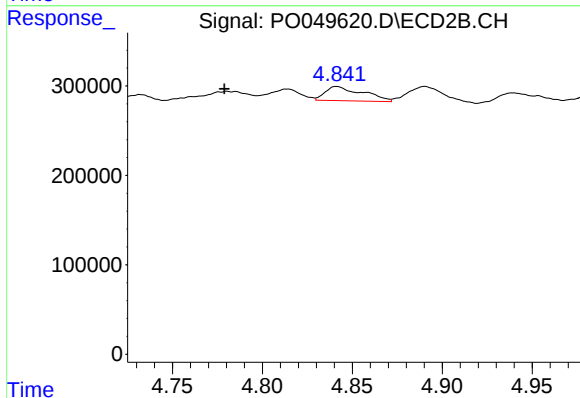
R.T.: 4.601 min  
Delta R.T.: -0.004 min  
Response: 274723  
Conc: 37.34 ng/ml



#13 AR-1232-3

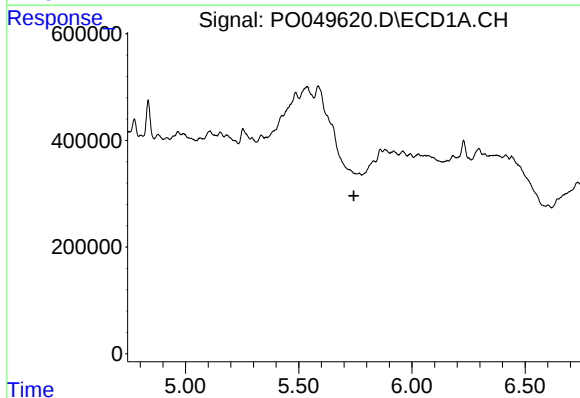
R.T.: 5.587 min  
Delta R.T.: 0.004 min  
Response: 6622486  
Conc: 849.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



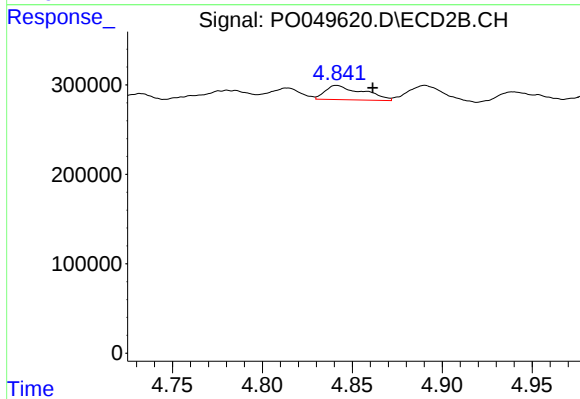
#13 AR-1232-3

R.T.: 4.841 min  
Delta R.T.: 0.062 min  
Response: 233342  
Conc: 56.40 ng/ml



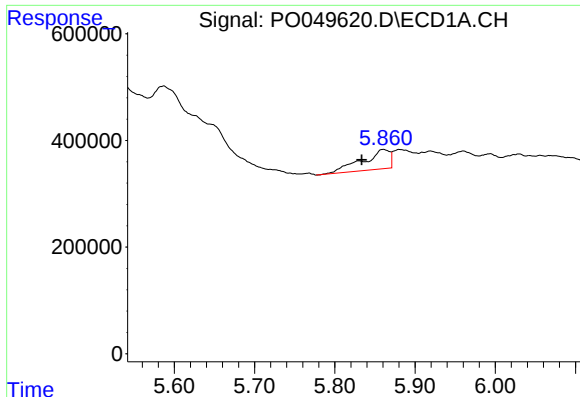
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.744 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

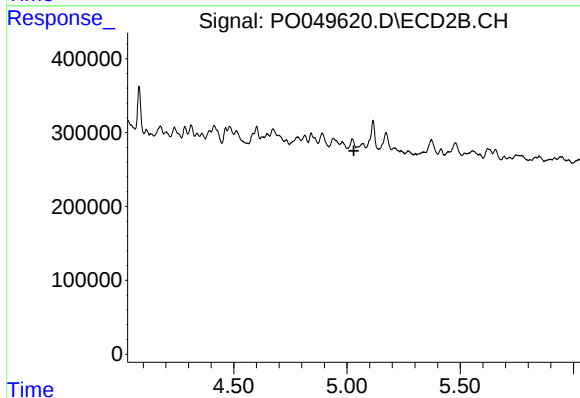
R.T.: 4.841 min  
Delta R.T.: -0.020 min  
Response: 233342  
Conc: 67.74 ng/ml



#15 AR-1232-5

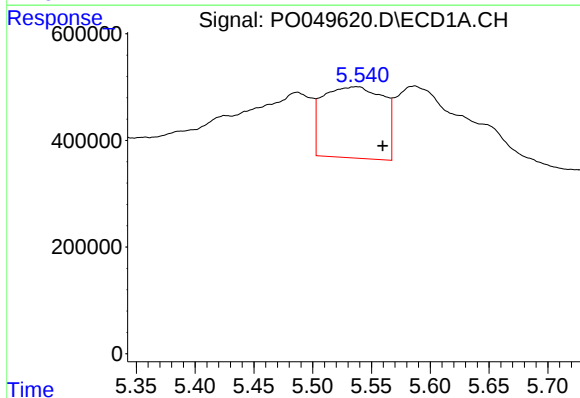
R.T.: 5.860 min  
Delta R.T.: 0.027 min  
Response: 863373  
Conc: 330.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



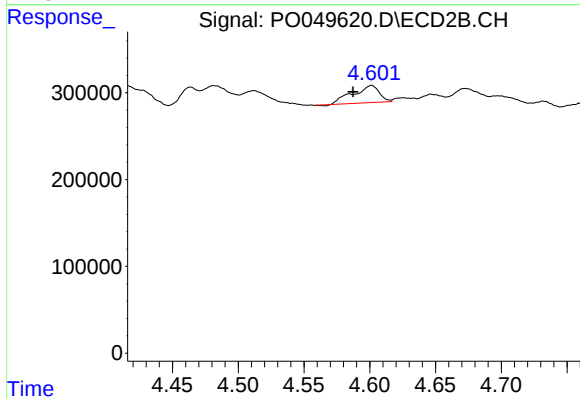
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.030 min  
Response: 0  
Conc: N.D.



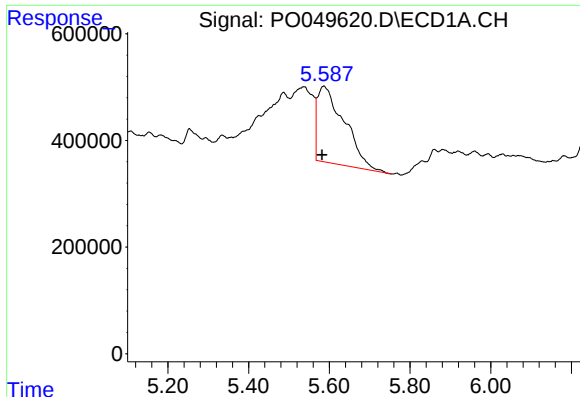
#16 AR-1242-1

R.T.: 5.537 min  
Delta R.T.: -0.022 min  
Response: 4783039  
Conc: 455.94 ng/ml



#16 AR-1242-1

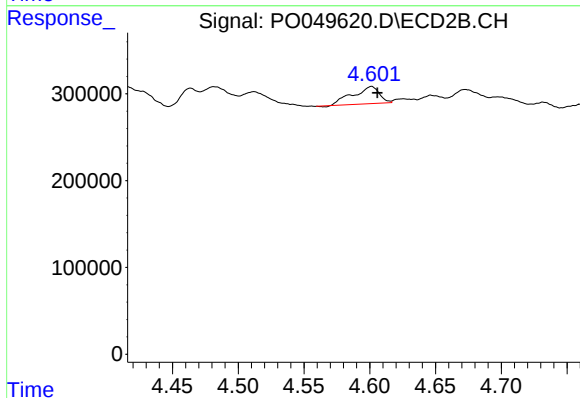
R.T.: 4.601 min  
Delta R.T.: 0.014 min  
Response: 274723  
Conc: 26.87 ng/ml



#17 AR-1242-2

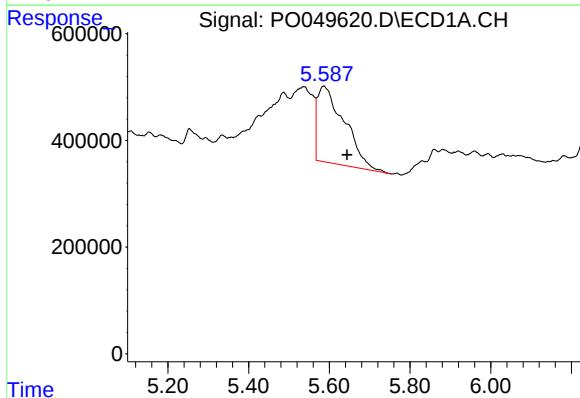
R.T.: 5.587 min  
Delta R.T.: 0.005 min  
Response: 6622486  
Conc: 452.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



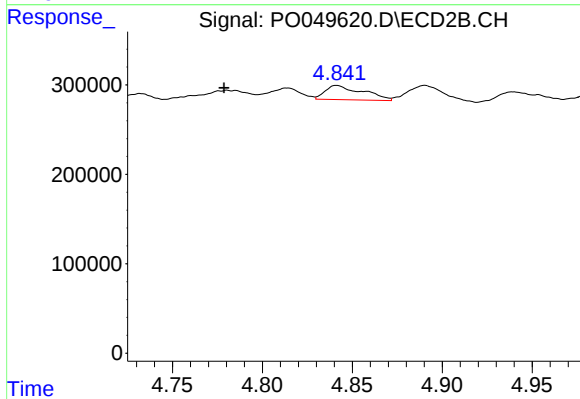
#17 AR-1242-2

R.T.: 4.601 min  
Delta R.T.: -0.004 min  
Response: 274723  
Conc: 19.64 ng/ml



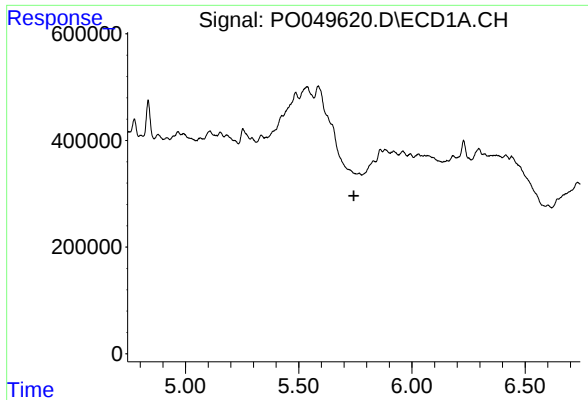
#18 AR-1242-3

R.T.: 5.587 min  
Delta R.T.: -0.058 min  
Response: 6622486  
Conc: 747.05 ng/ml



#18 AR-1242-3

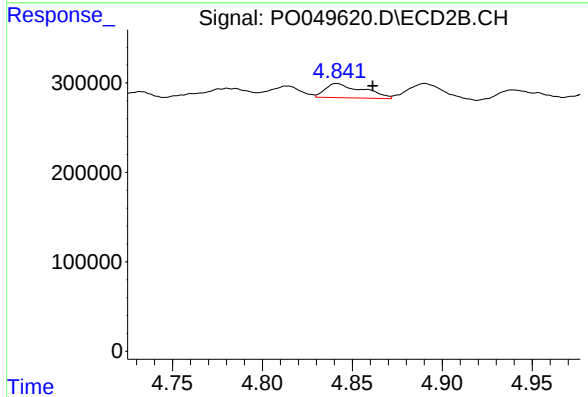
R.T.: 4.841 min  
Delta R.T.: 0.063 min  
Response: 233342  
Conc: 29.50 ng/ml



#19 AR-1242-4

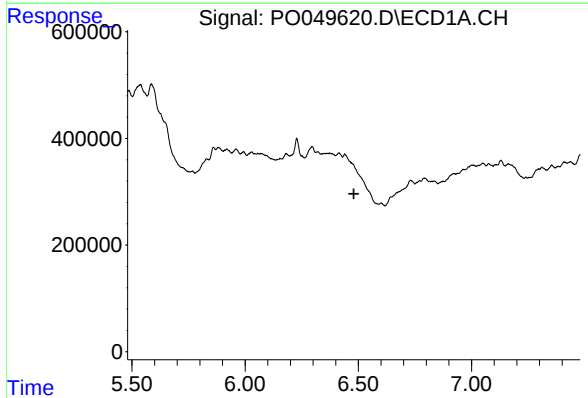
R.T.: 0.000 min  
Exp R.T.: 5.744 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



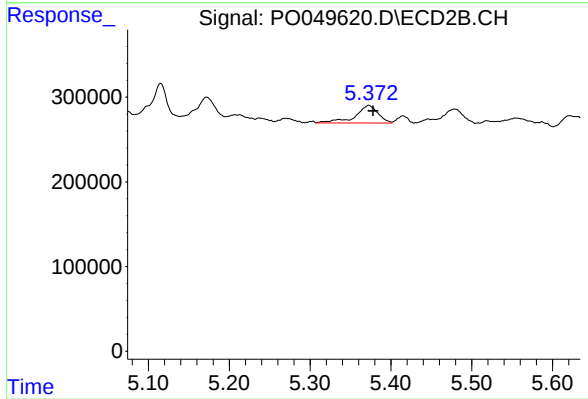
#19 AR-1242-4

R.T.: 4.841 min  
Delta R.T.: -0.020 min  
Response: 233342  
Conc: 31.89 ng/ml



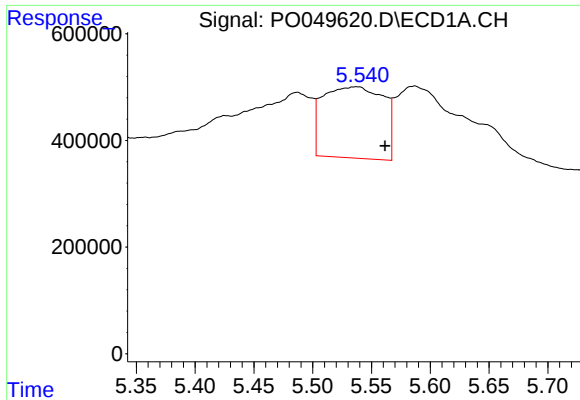
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.480 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

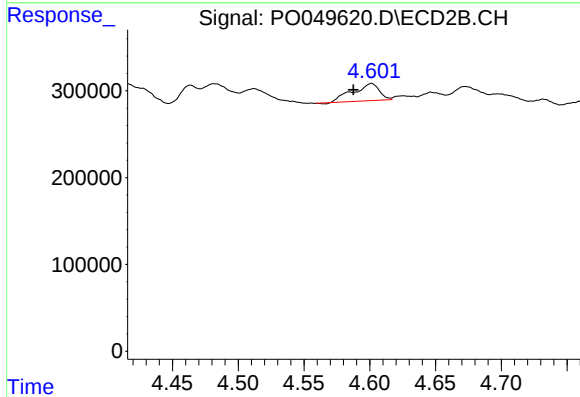
R.T.: 5.373 min  
Delta R.T.: -0.005 min  
Response: 410232  
Conc: 42.40 ng/ml



#21 AR-1248-1

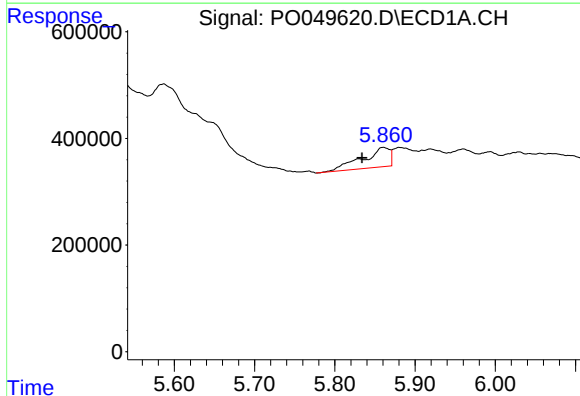
R.T.: 5.537 min  
Delta R.T.: -0.024 min  
Response: 4783039  
Conc: 561.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



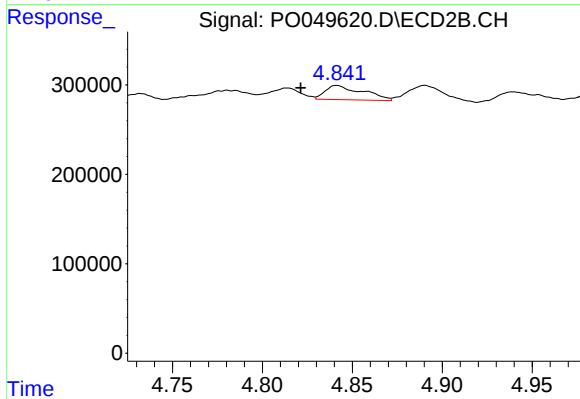
#21 AR-1248-1

R.T.: 4.601 min  
Delta R.T.: 0.014 min  
Response: 274723  
Conc: 33.23 ng/ml



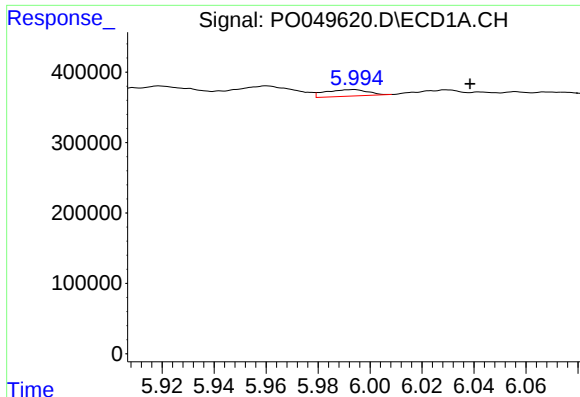
#22 AR-1248-2

R.T.: 5.860 min  
Delta R.T.: 0.026 min  
Response: 863373  
Conc: 79.01 ng/ml



#22 AR-1248-2

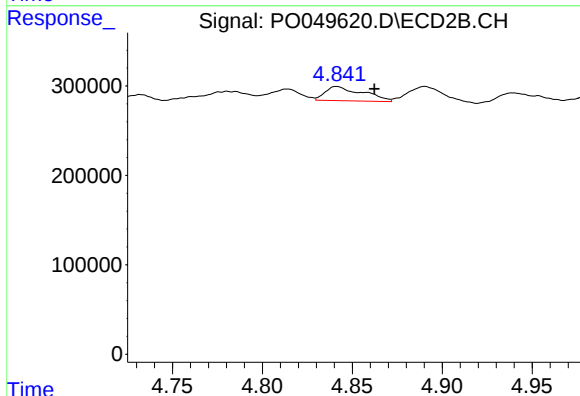
R.T.: 4.841 min  
Delta R.T.: 0.020 min  
Response: 233342  
Conc: 22.39 ng/ml



#23 AR-1248-3

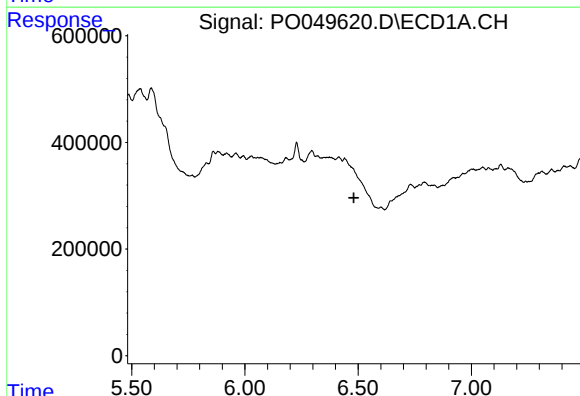
R.T.: 5.993 min  
Delta R.T.: -0.045 min  
Response: 105502  
Conc: 8.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



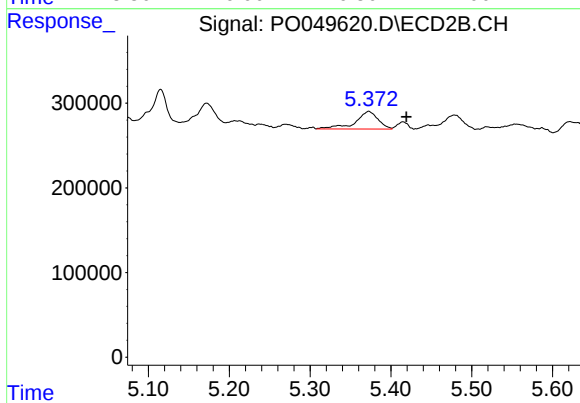
#23 AR-1248-3

R.T.: 4.841 min  
Delta R.T.: -0.021 min  
Response: 233342  
Conc: 21.69 ng/ml



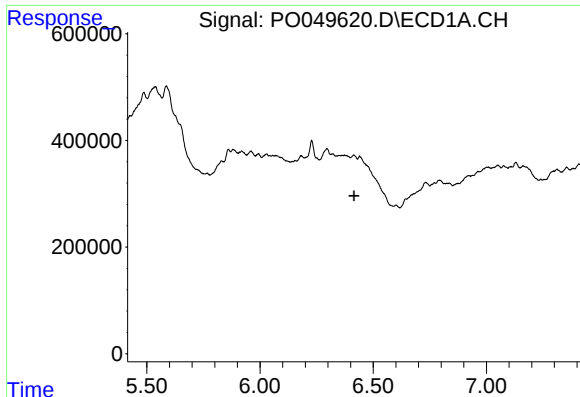
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.482 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

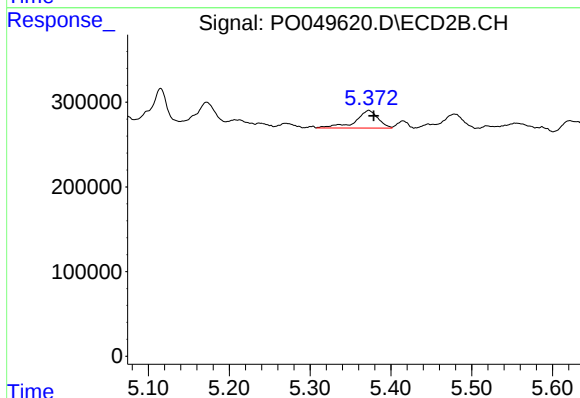
R.T.: 5.373 min  
Delta R.T.: -0.046 min  
Response: 410232  
Conc: 29.23 ng/ml



#26 AR-1254-1

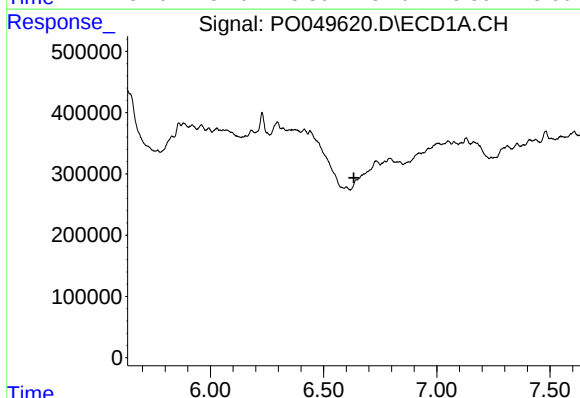
R.T.: 0.000 min  
Exp R.T.: 6.415 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



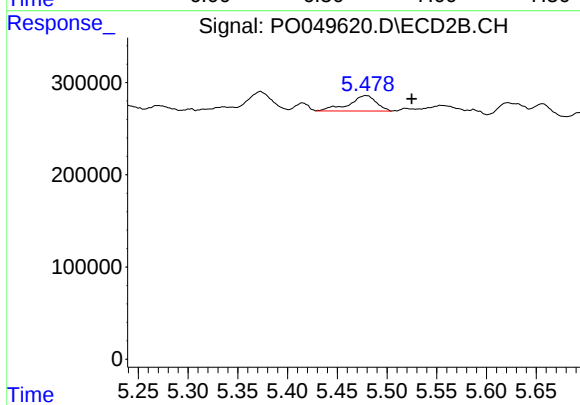
#26 AR-1254-1

R.T.: 5.373 min  
Delta R.T.: -0.006 min  
Response: 410232  
Conc: 17.72 ng/ml



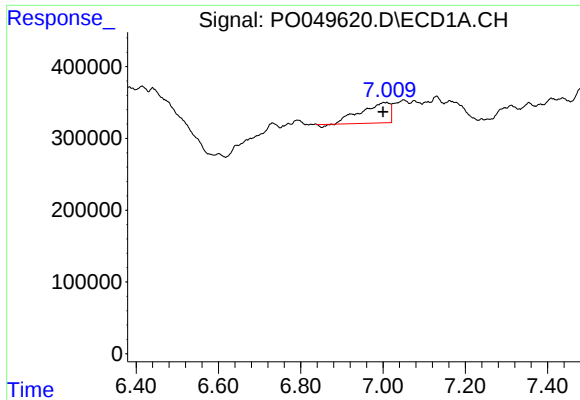
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 6.634 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

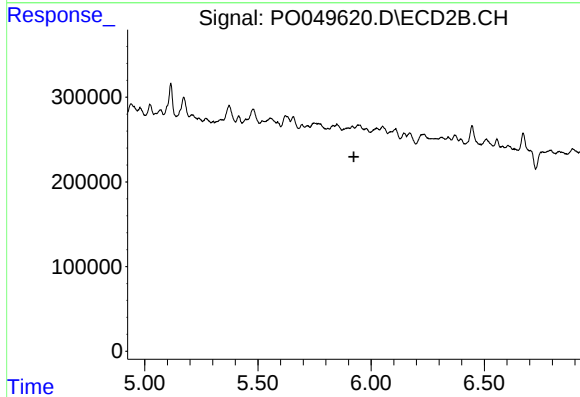
R.T.: 5.478 min  
Delta R.T.: -0.046 min  
Response: 322531  
Conc: 16.33 ng/ml



#28 AR-1254-3

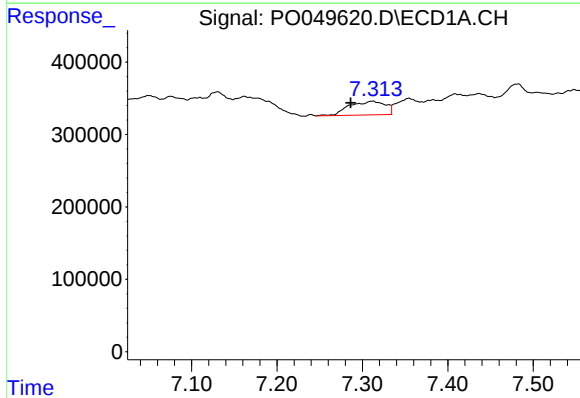
R.T.: 7.009 min  
Delta R.T.: 0.009 min  
Response: 1372283  
Conc: 44.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



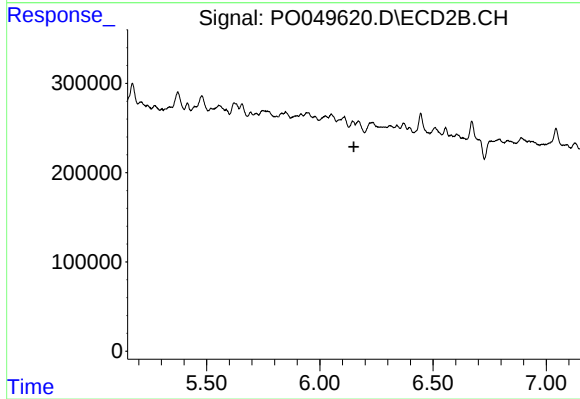
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.924 min  
Response: 0  
Conc: N.D.



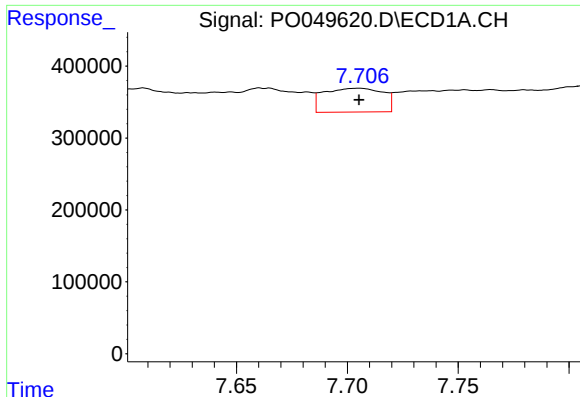
#29 AR-1254-4

R.T.: 7.312 min  
Delta R.T.: 0.025 min  
Response: 559927  
Conc: 22.22 ng/ml



#29 AR-1254-4

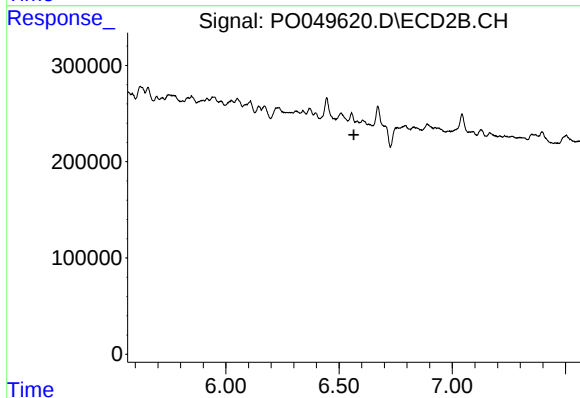
R.T.: 0.000 min  
Exp R.T. : 6.151 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

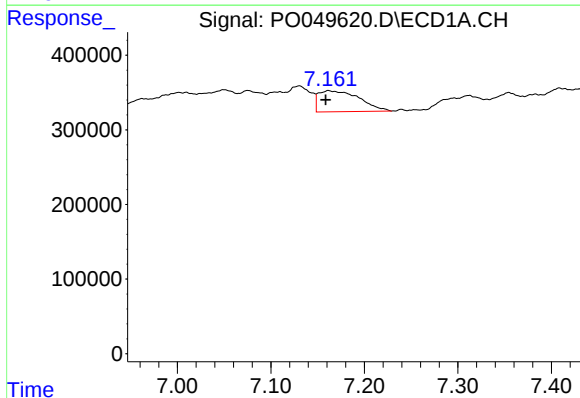
R.T.: 7.705 min  
Delta R.T.: 0.000 min  
Response: 614116  
Conc: 25.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



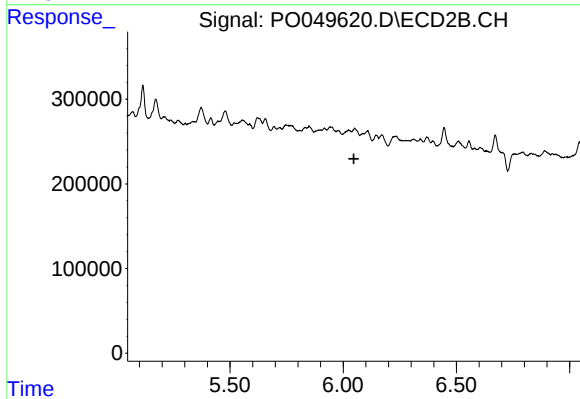
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 6.565 min  
Response: 0  
Conc: N.D.



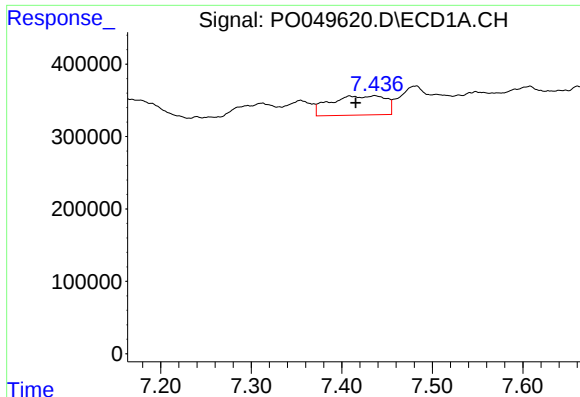
#31 AR-1260-1

R.T.: 7.162 min  
Delta R.T.: 0.003 min  
Response: 852034  
Conc: 40.28 ng/ml



#31 AR-1260-1

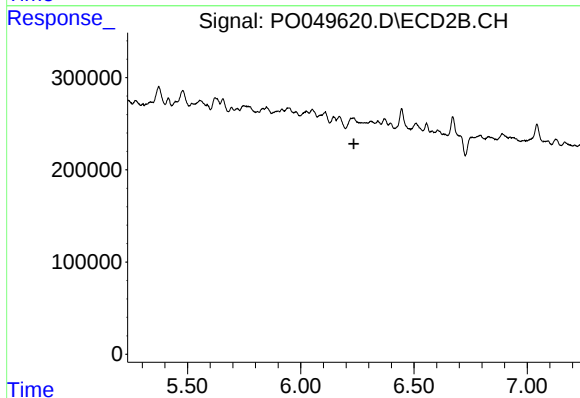
R.T.: 0.000 min  
Exp R.T. : 6.047 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

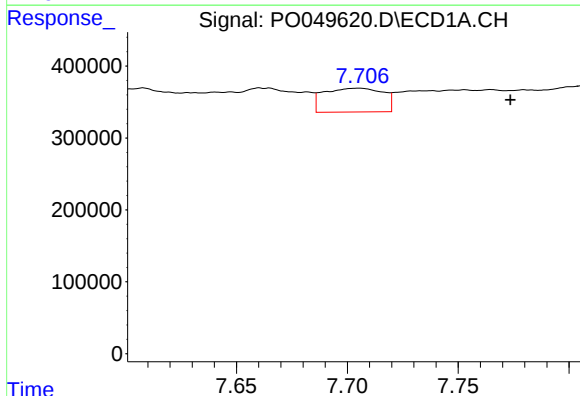
R.T.: 7.436 min  
Delta R.T.: 0.021 min  
Response: 1130992  
Conc: 42.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



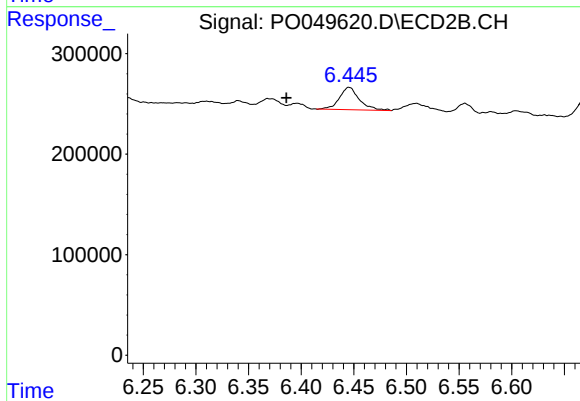
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 6.234 min  
Response: 0  
Conc: N.D.



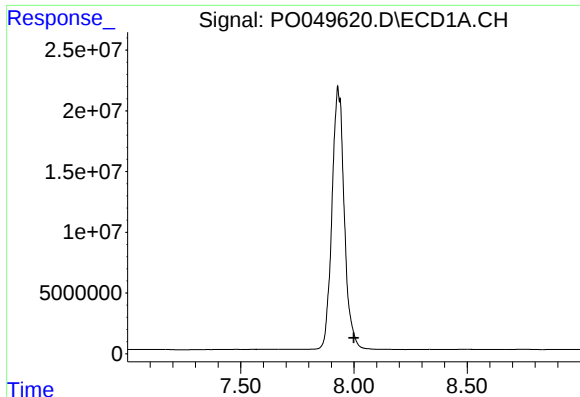
#33 AR-1260-3

R.T.: 7.705 min  
Delta R.T.: -0.069 min  
Response: 614116  
Conc: 31.08 ng/ml



#33 AR-1260-3

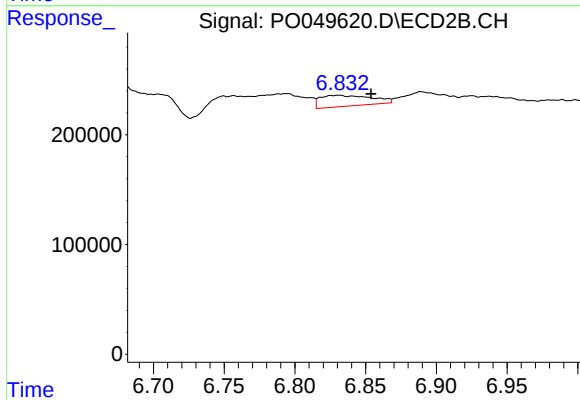
R.T.: 6.446 min  
Delta R.T.: 0.060 min  
Response: 294193  
Conc: 12.41 ng/ml



#34 AR-1260-4

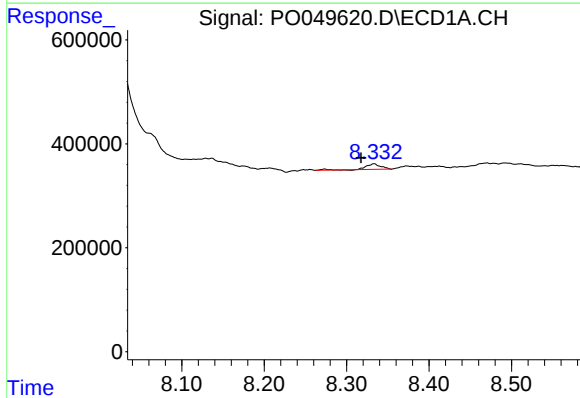
R.T.: 0.000 min  
Exp R.T.: 8.000 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



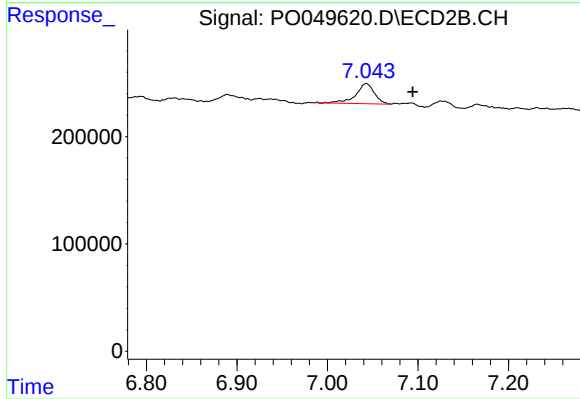
#34 AR-1260-4

R.T.: 6.831 min  
Delta R.T.: -0.022 min  
Response: 251351  
Conc: 13.93 ng/ml



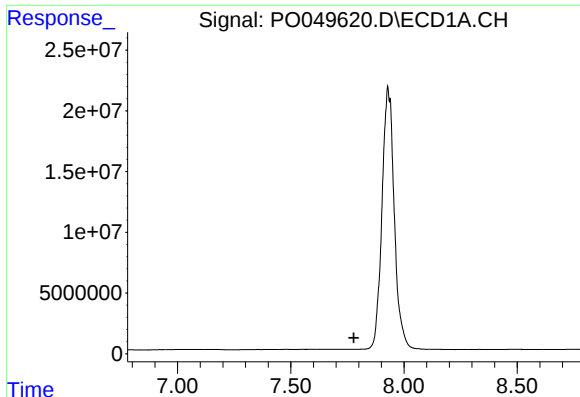
#35 AR-1260-5

R.T.: 8.333 min  
Delta R.T.: 0.016 min  
Response: 134659  
Conc: 3.00 ng/ml



#35 AR-1260-5

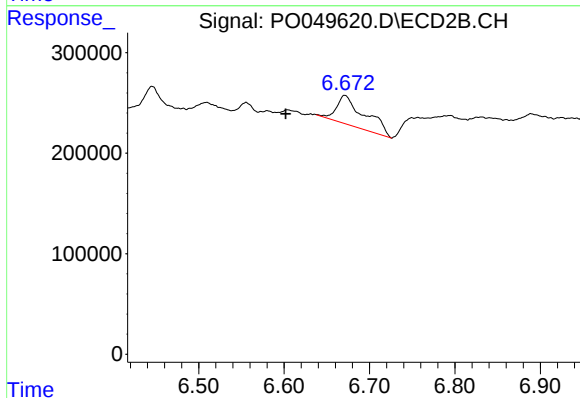
R.T.: 7.043 min  
Delta R.T.: -0.051 min  
Response: 265410  
Conc: 5.68 ng/ml



#36 AR-1262-1

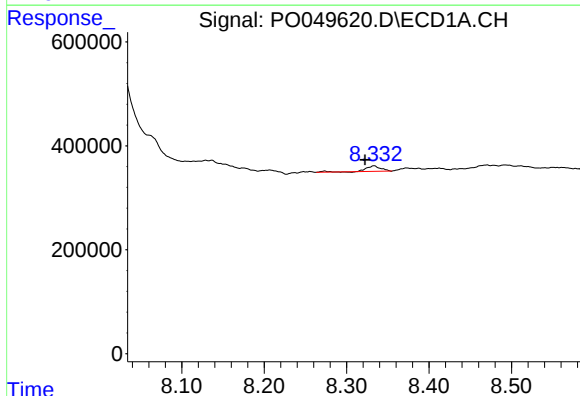
R.T.: 0.000 min  
Exp R.T.: 7.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



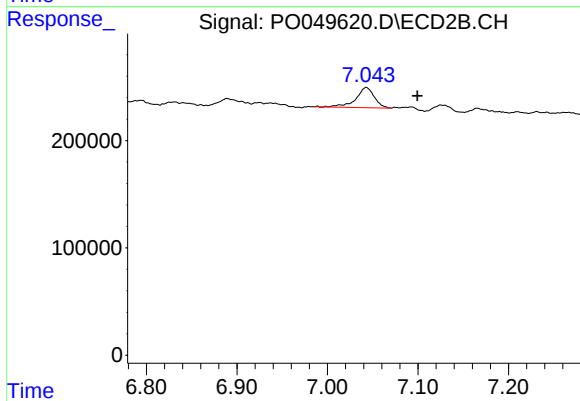
#36 AR-1262-1

R.T.: 6.671 min  
Delta R.T.: 0.069 min  
Response: 669690  
Conc: 23.19 ng/ml



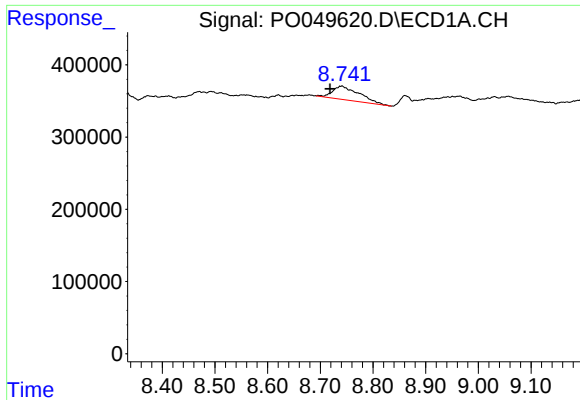
#37 AR-1262-2

R.T.: 8.333 min  
Delta R.T.: 0.011 min  
Response: 134659  
Conc: 2.73 ng/ml



#37 AR-1262-2

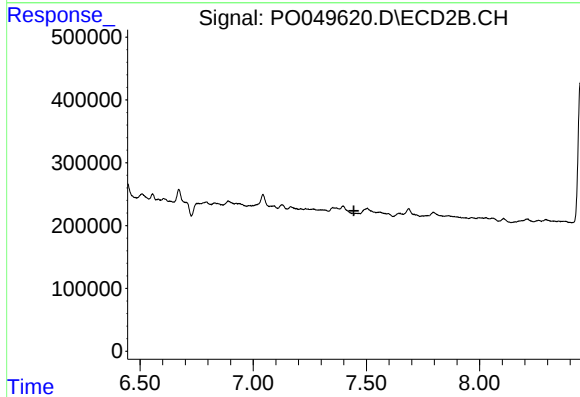
R.T.: 7.043 min  
Delta R.T.: -0.057 min  
Response: 265410  
Conc: 5.32 ng/ml



#39 AR-1262-4

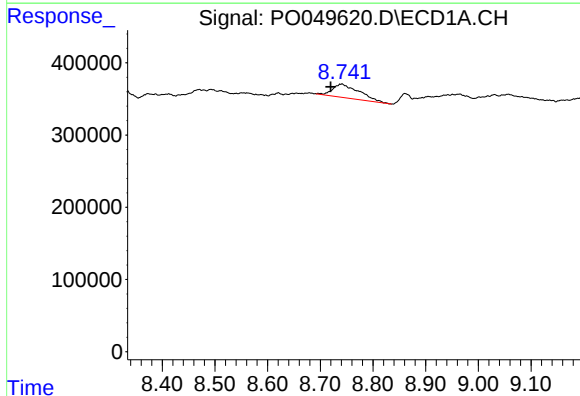
R.T.: 8.741 min  
Delta R.T.: 0.023 min  
Response: 657695  
Conc: 24.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



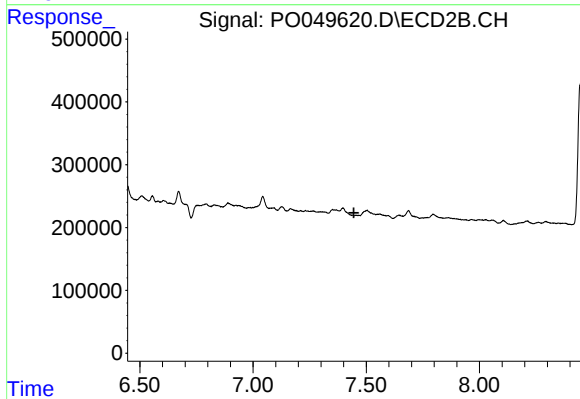
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.445 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.741 min  
Delta R.T.: 0.021 min  
Response: 657695  
Conc: 10.06 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.445 min  
Response: 0  
Conc: N.D.