

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102818\  
 Data File : PO050700.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 27 Oct 2018 22:53  
 Operator : SM/SJ  
 Sample : J5665-02  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 DL-06B

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 29 02:23:04 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101818.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 19 02:02:26 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... | 4.358  | 3.351 | 3710766 | 3154258 | 12.436 | 16.044 #  |
| 2)                          | SA Decachlor... | 10.024 | 8.100 | 3245232 | 2541009 | 14.956 | 13.294    |
| Target Compounds            |                 |        |       |         |         |        |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.424 | 0       | 31805   | N.D.   | 4.115 #   |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.424 | 0       | 31805   | N.D.   | 2.358 #   |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.592 | 0       | 139832  | N.D.   | 21.291 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.592 | 0       | 139832  | N.D.   | 26.397 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.568 | 0       | 739163  | N.D.   | 342.174 # |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.628 | 0       | 693572  | N.D.   | 432.679 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.694 | 0       | 818256  | N.D.   | 155.962 # |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.694 | 0       | 818256  | N.D.   | 211.717 # |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.424 | 0       | 31805   | N.D.   | 6.481 #   |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.592 | 0       | 139832  | N.D.   | 60.773 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.636 | 0       | 149271  | N.D.   | 72.847 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.424 | 0       | 31805   | N.D.   | 6.510 #   |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.424 | 0       | 31805   | N.D.   | 3.645 #   |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.592 | 0       | 139832  | N.D.   | 32.413 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.636 | 0       | 149271  | N.D.   | 34.167 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.124 | 0       | 443965  | N.D.   | 79.580 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.424 | 0       | 31805   | N.D.   | 7.323 #   |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.592 | 0       | 139832  | N.D.   | 21.201 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.636 | 0       | 149271  | N.D.   | 22.461 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.213 | 0       | 209289  | N.D.   | 26.467 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.124 | 0       | 443965  | N.D.   | 30.624 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.265 | 0       | 384768  | N.D.   | 30.283 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 5.650 | 0       | 795729  | N.D.   | 38.836 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 5.870 | 0       | 331098  | N.D.   | 28.432 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.273 | 0       | 530423  | N.D.   | 30.366 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 5.775 | 0       | 551069  | N.D.   | 36.375 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 5.958 | 0       | 453562  | N.D.   | 24.518 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.102 | 0       | 268062  | N.D.   | 15.662 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 6.558 | 0       | 94908   | N.D.   | 7.000 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 6.797 | 0       | 302940  | N.D.   | 9.914 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.309 | 0       | 64815   | N.D.   | 4.102 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 6.797 | 0       | 302940  | N.D.   | 11.831 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.133 | 0       | 156071  | N.D.   | 15.272 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.133 | 0       | 156071  | N.D.   | 8.319 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.133 | 0       | 156071  | N.D.   | 4.631 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.133 | 0       | 156071  | N.D.   | 4.983 #   |
| -----                       |                 |        |       |         |         |        |           |

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

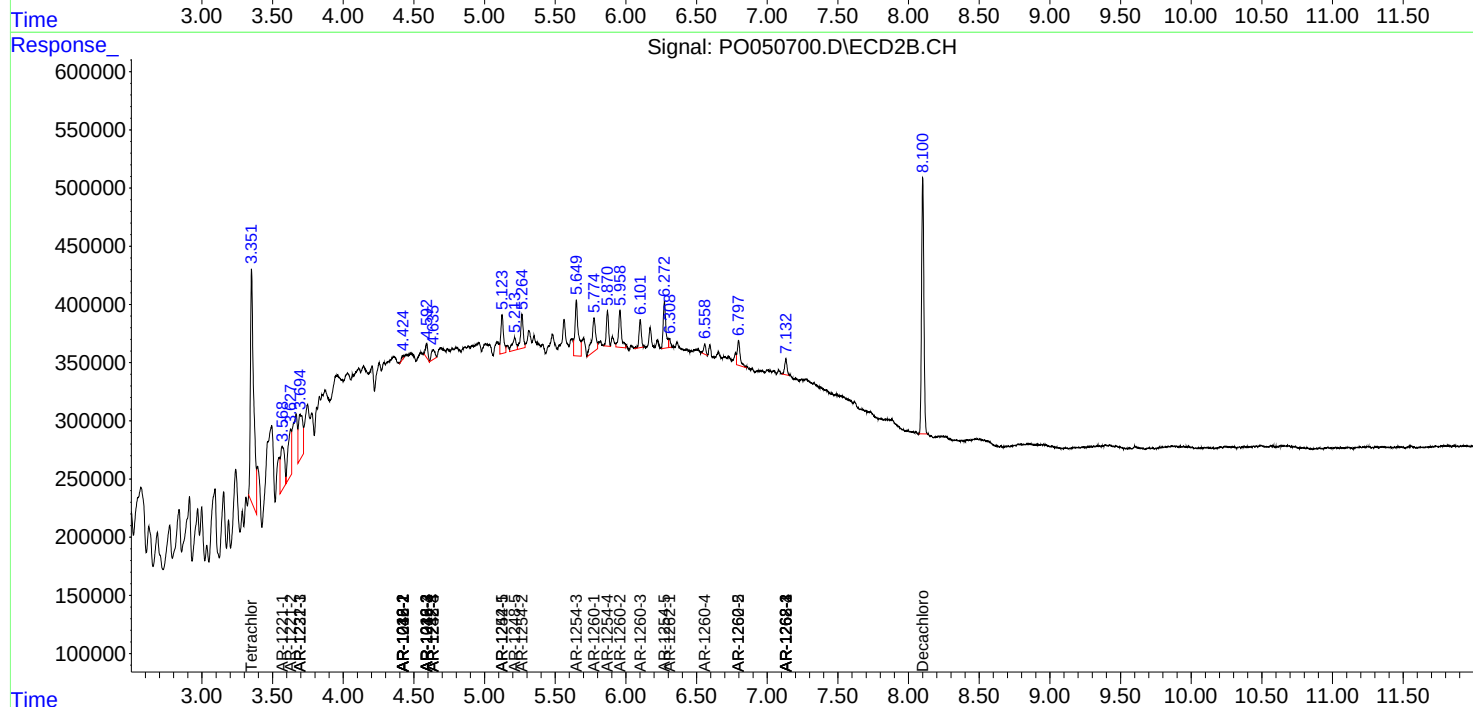
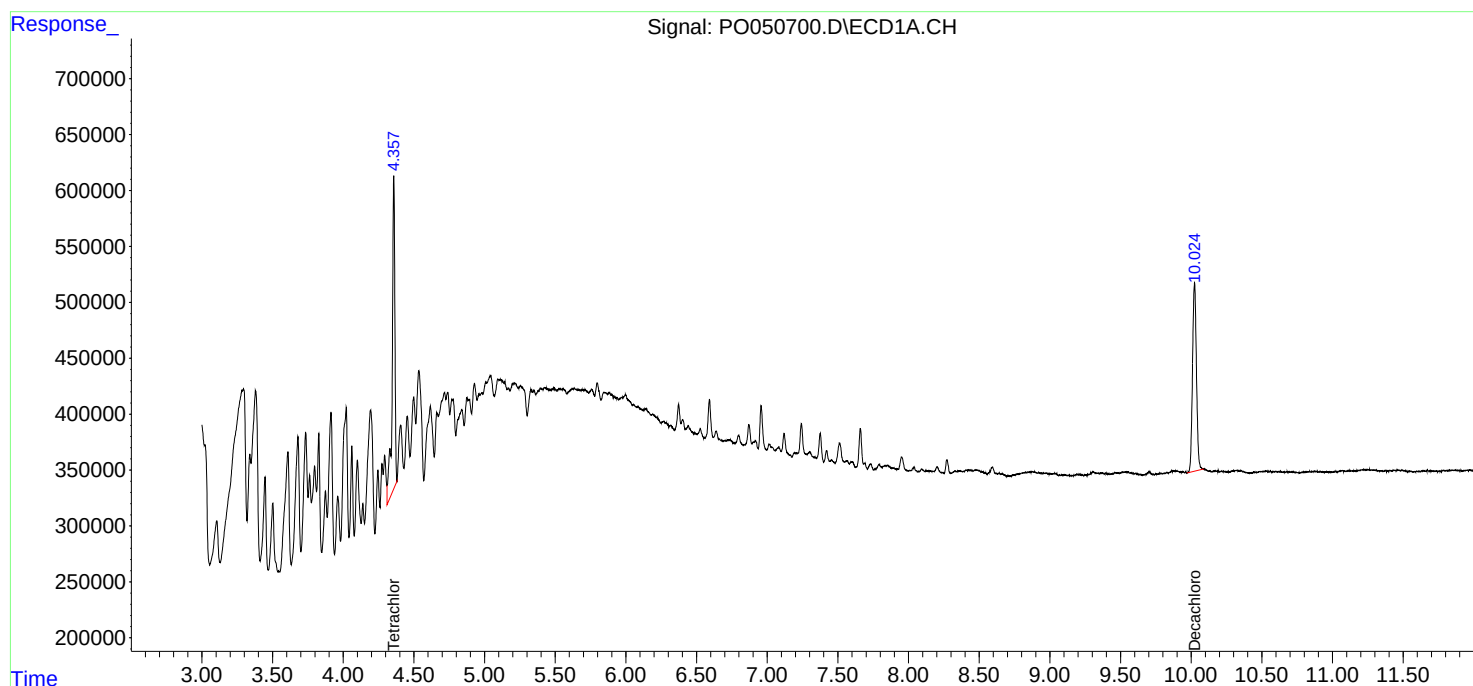
Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B

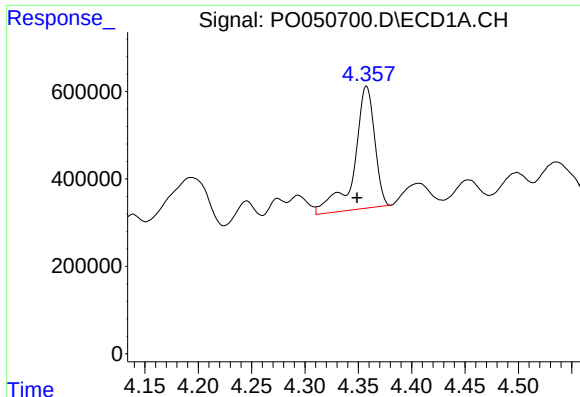
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102818\  
Data File : PO050700.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 27 Oct 2018 22:53  
Operator : SM/SJ  
Sample : J5665-02  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 02:23:04 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101818.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 19 02:02:26 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

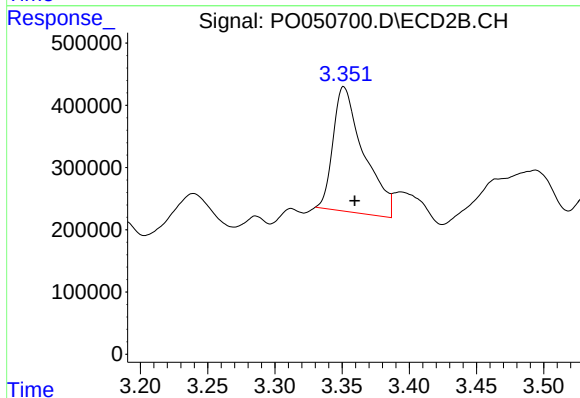




#1 Tetrachloro-m-xylene

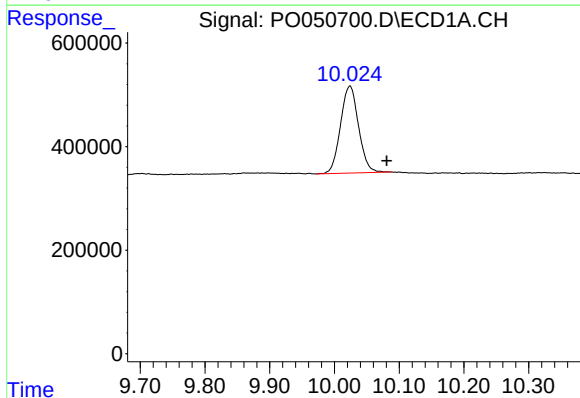
R.T.: 4.358 min  
Delta R.T.: 0.009 min  
Response: 3710766  
Conc: 12.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



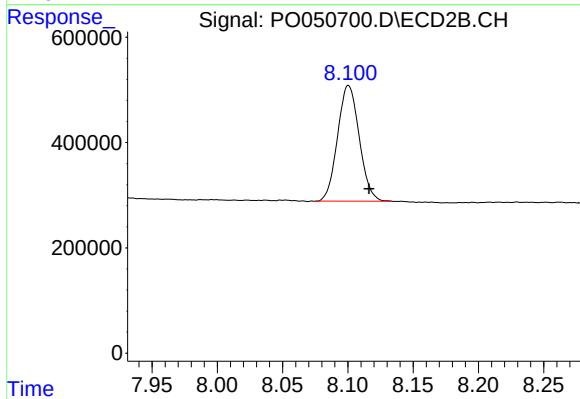
#1 Tetrachloro-m-xylene

R.T.: 3.351 min  
Delta R.T.: -0.008 min  
Response: 3154258  
Conc: 16.04 ng/ml



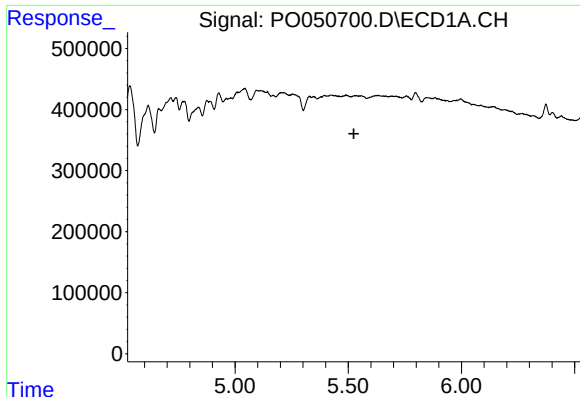
#2 Decachlorobiphenyl

R.T.: 10.024 min  
Delta R.T.: -0.057 min  
Response: 3245232  
Conc: 14.96 ng/ml



#2 Decachlorobiphenyl

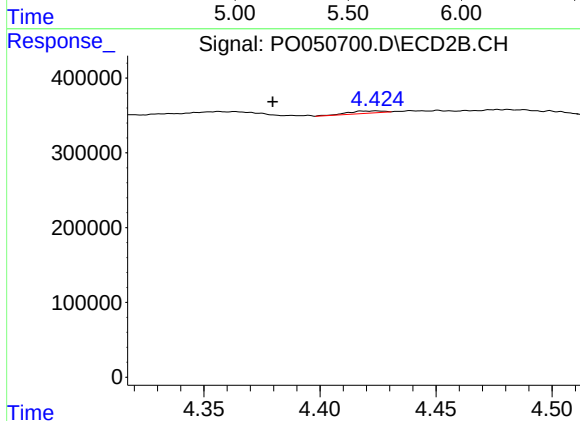
R.T.: 8.100 min  
Delta R.T.: -0.016 min  
Response: 2541009  
Conc: 13.29 ng/ml



#3 AR-1016-1

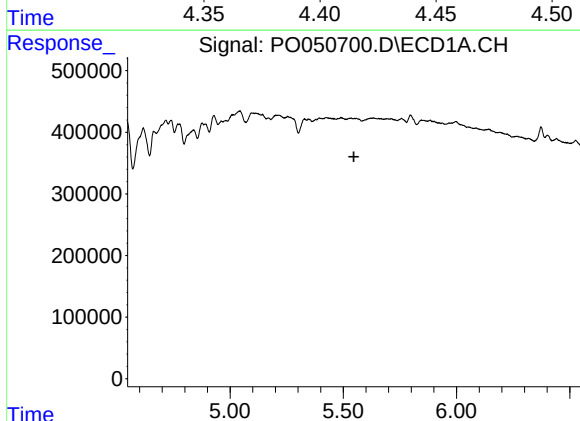
R.T.: 0.000 min  
Exp R.T.: 5.525 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



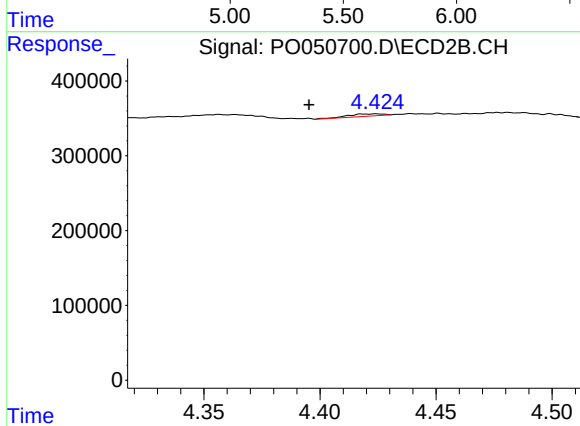
#3 AR-1016-1

R.T.: 4.424 min  
Delta R.T.: 0.045 min  
Response: 31805  
Conc: 4.12 ng/ml



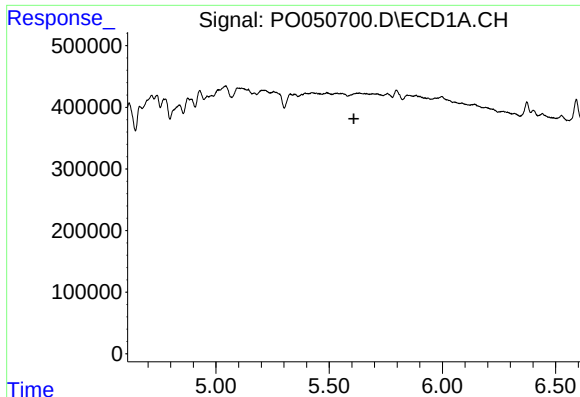
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.547 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

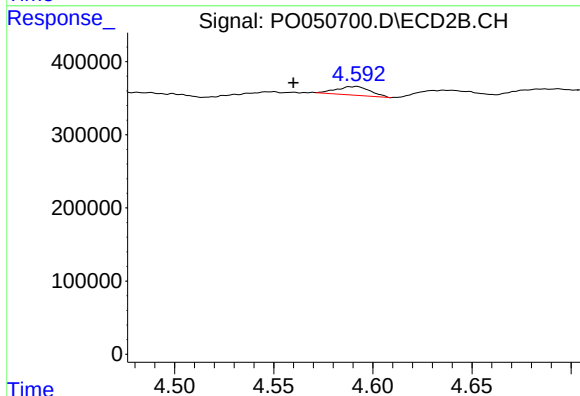
R.T.: 4.424 min  
Delta R.T.: 0.029 min  
Response: 31805  
Conc: 2.36 ng/ml



#5 AR-1016-3

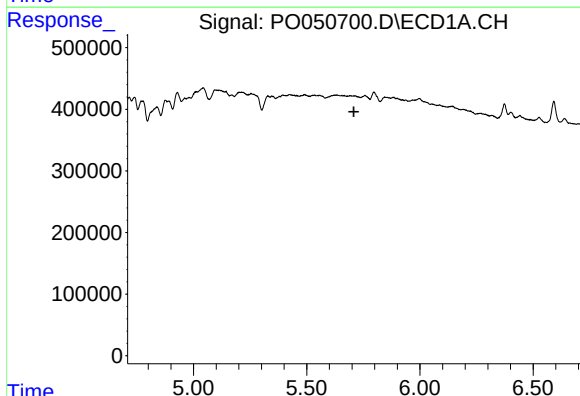
R.T.: 0.000 min  
Exp R.T.: 5.609 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



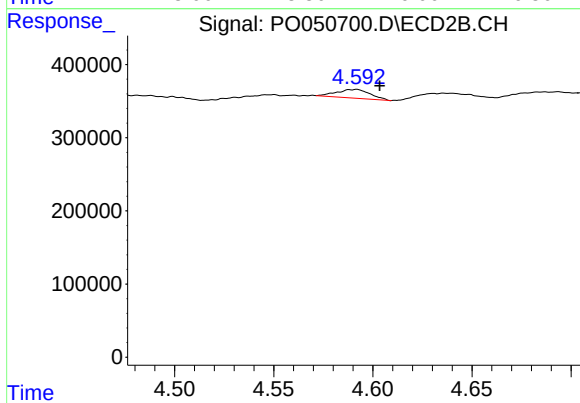
#5 AR-1016-3

R.T.: 4.592 min  
Delta R.T.: 0.032 min  
Response: 139832  
Conc: 21.29 ng/ml



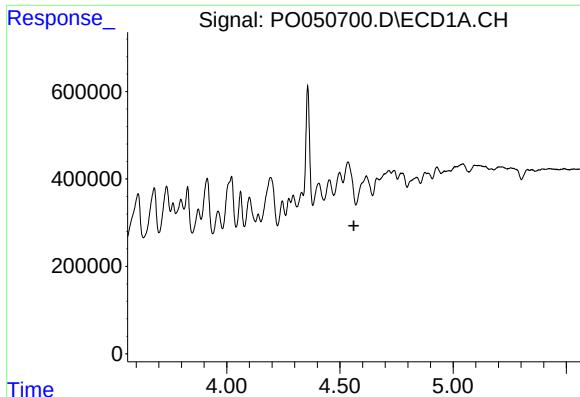
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.708 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

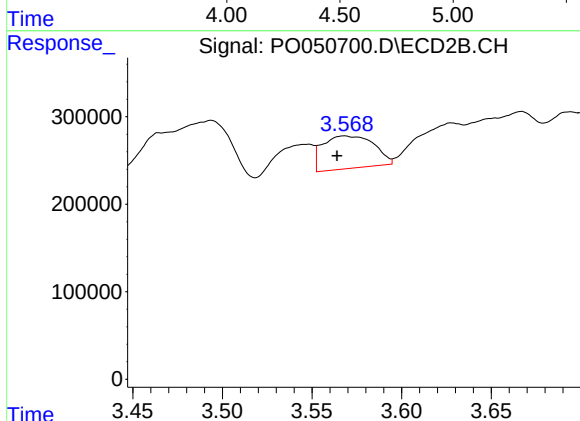
R.T.: 4.592 min  
Delta R.T.: -0.011 min  
Response: 139832  
Conc: 26.40 ng/ml



#8 AR-1221-1

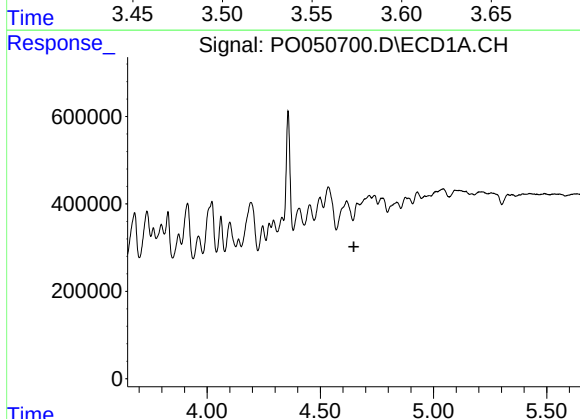
R.T.: 0.000 min  
Exp R.T.: 4.561 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



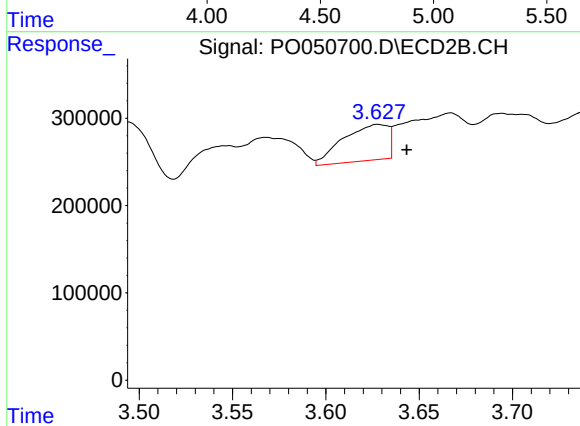
#8 AR-1221-1

R.T.: 3.568 min  
Delta R.T.: 0.004 min  
Response: 739163  
Conc: 342.17 ng/ml



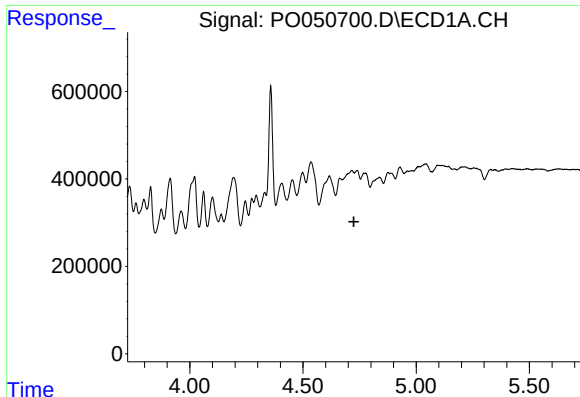
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 4.648 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

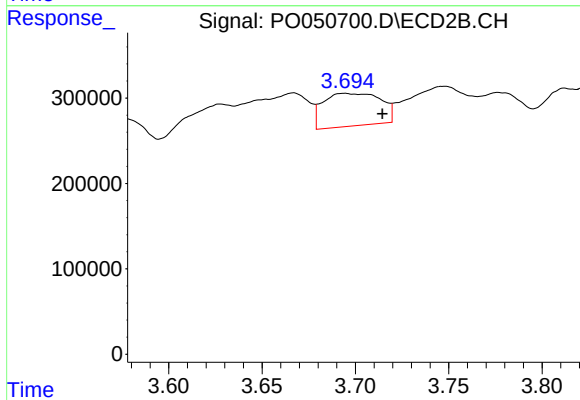
R.T.: 3.628 min  
Delta R.T.: -0.016 min  
Response: 693572  
Conc: 432.68 ng/ml



#10 AR-1221-3

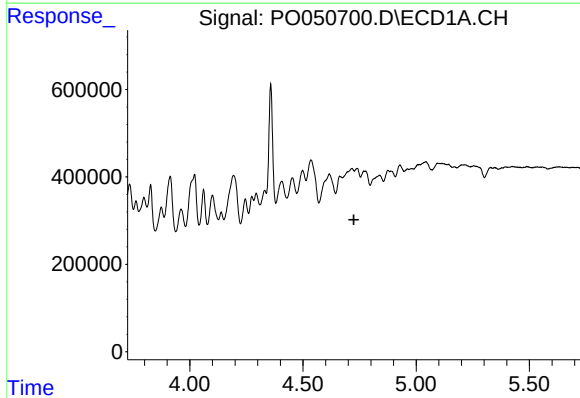
R.T.: 0.000 min  
Exp R.T.: 4.725 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



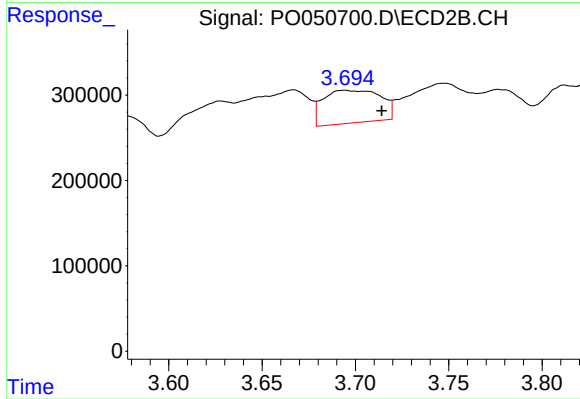
#10 AR-1221-3

R.T.: 3.694 min  
Delta R.T.: -0.020 min  
Response: 818256  
Conc: 155.96 ng/ml



#11 AR-1232-1

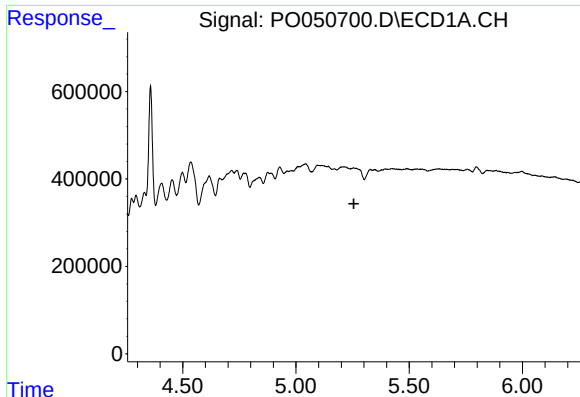
R.T.: 0.000 min  
Exp R.T.: 4.725 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

R.T.: 3.694 min  
Delta R.T.: -0.020 min  
Response: 818256  
Conc: 211.72 ng/ml

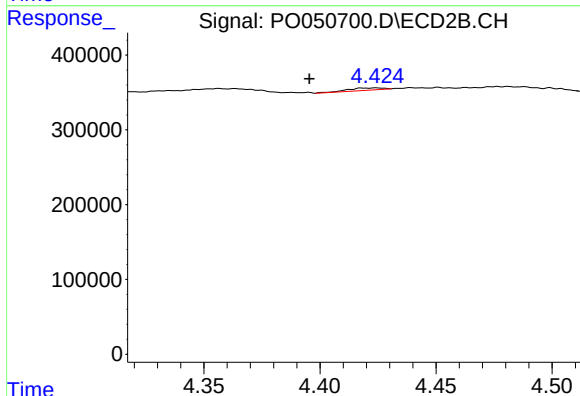




#12 AR-1232-2

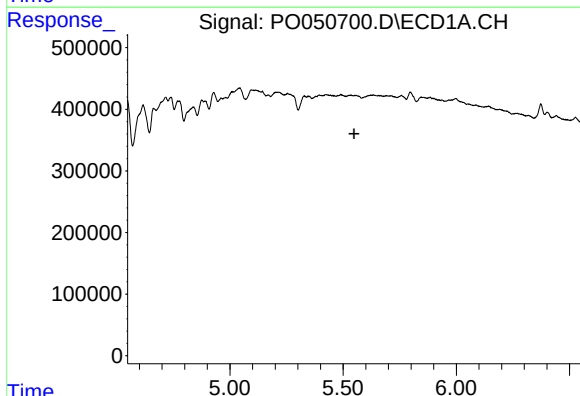
R.T.: 0.000 min  
Exp R.T. : 5.256 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



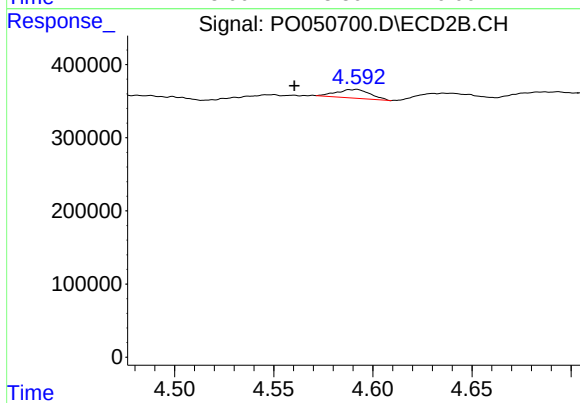
#12 AR-1232-2

R.T.: 4.424 min  
Delta R.T.: 0.029 min  
Response: 31805  
Conc: 6.48 ng/ml



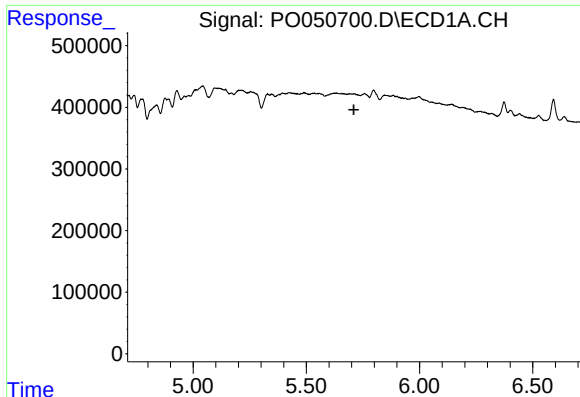
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.548 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

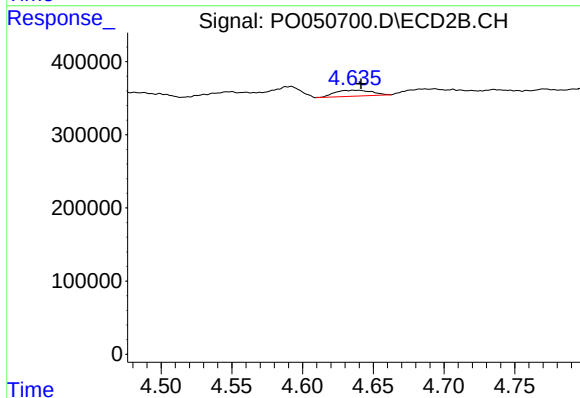
R.T.: 4.592 min  
Delta R.T.: 0.032 min  
Response: 139832  
Conc: 60.77 ng/ml



#14 AR-1232-4

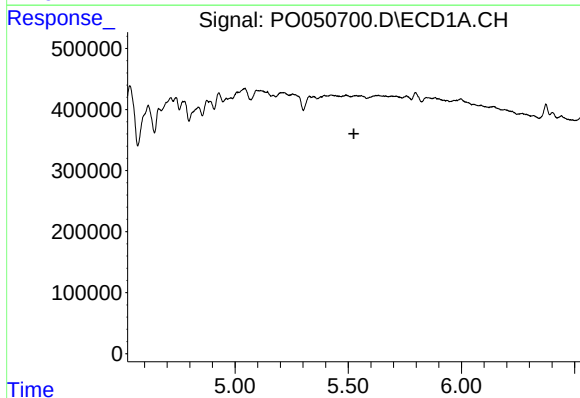
R.T.: 0.000 min  
Exp R.T.: 5.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



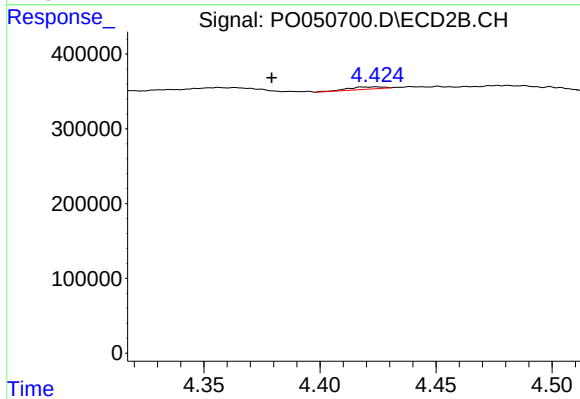
#14 AR-1232-4

R.T.: 4.636 min  
Delta R.T.: -0.006 min  
Response: 149271  
Conc: 72.85 ng/ml



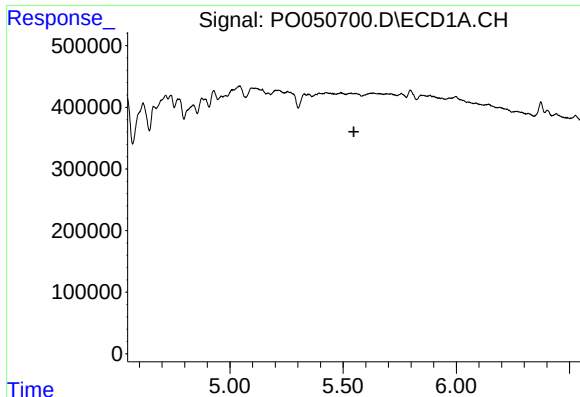
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 5.525 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

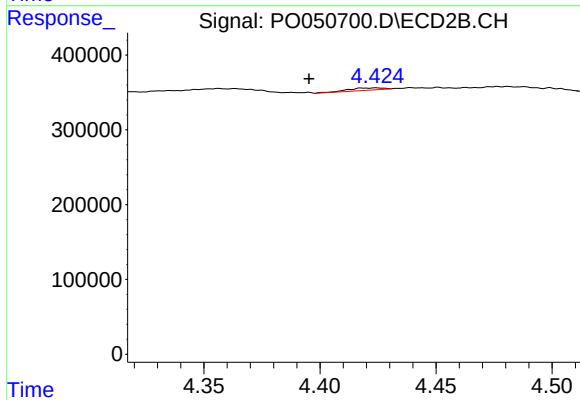
R.T.: 4.424 min  
Delta R.T.: 0.045 min  
Response: 31805  
Conc: 6.51 ng/ml



#17 AR-1242-2

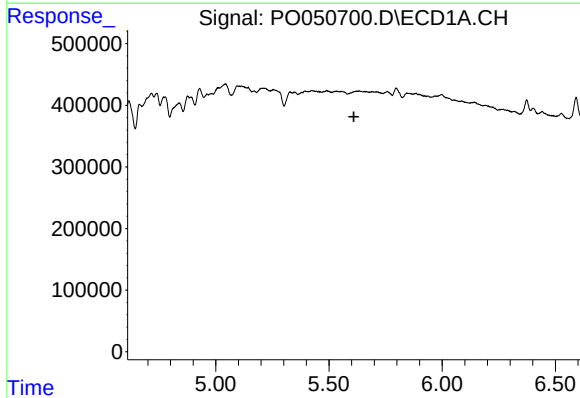
R.T.: 0.000 min  
Exp R.T.: 5.548 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



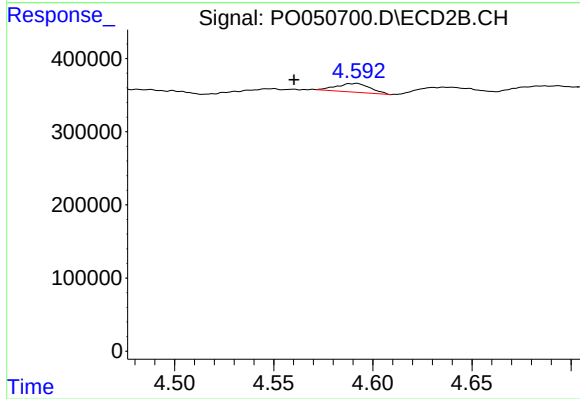
#17 AR-1242-2

R.T.: 4.424 min  
Delta R.T.: 0.029 min  
Response: 31805  
Conc: 3.65 ng/ml



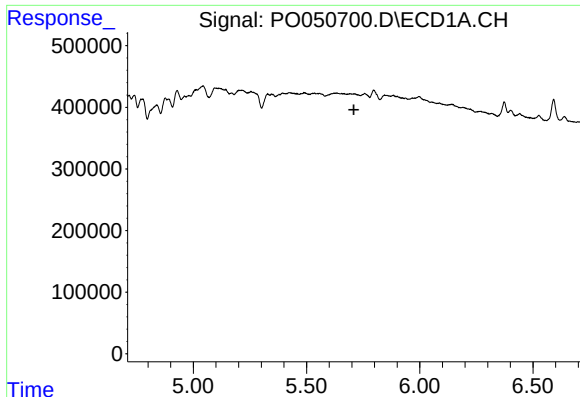
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.610 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

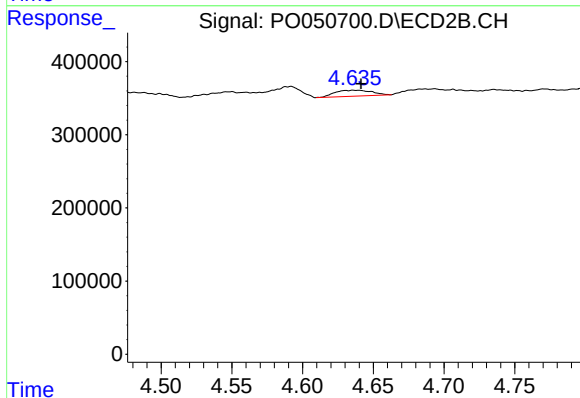
R.T.: 4.592 min  
Delta R.T.: 0.032 min  
Response: 139832  
Conc: 32.41 ng/ml



#19 AR-1242-4

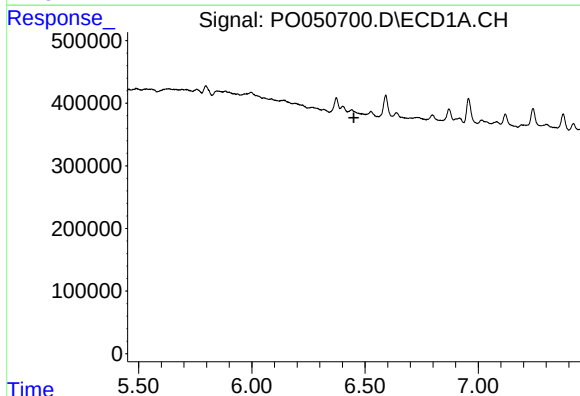
R.T.: 0.000 min  
Exp R.T.: 5.709 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



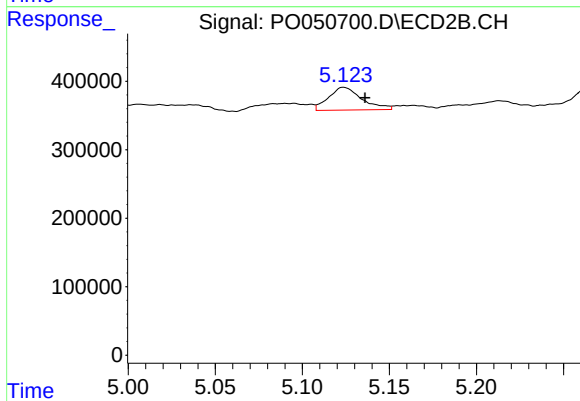
#19 AR-1242-4

R.T.: 4.636 min  
Delta R.T.: -0.006 min  
Response: 149271  
Conc: 34.17 ng/ml



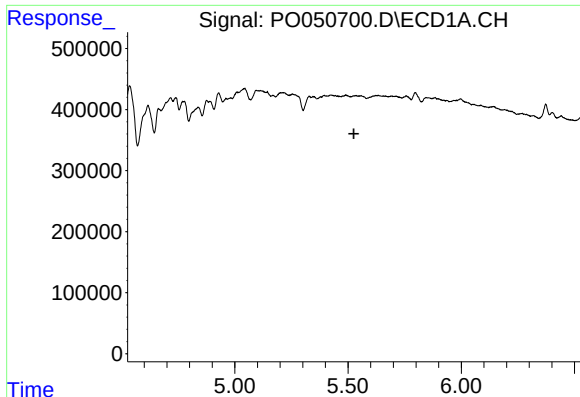
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.451 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

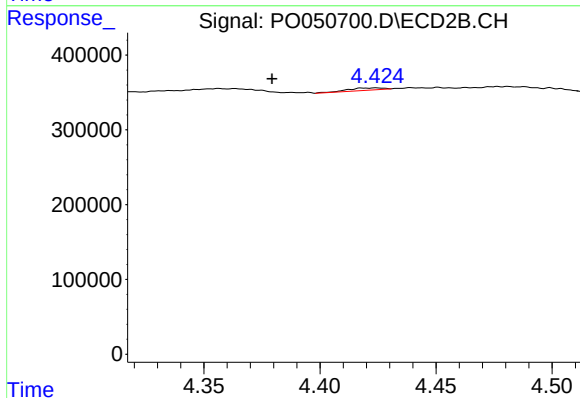
R.T.: 5.124 min  
Delta R.T.: -0.012 min  
Response: 443965  
Conc: 79.58 ng/ml



#21 AR-1248-1

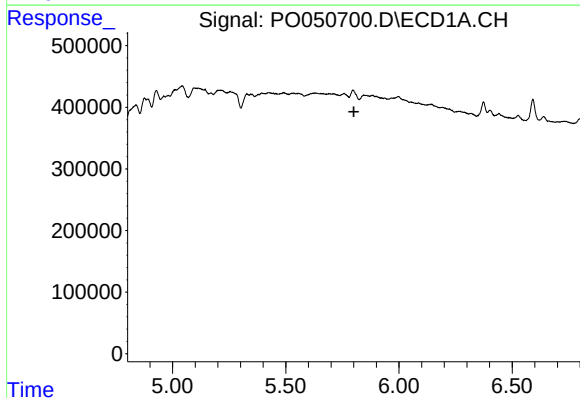
R.T.: 0.000 min  
Exp R.T.: 5.526 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



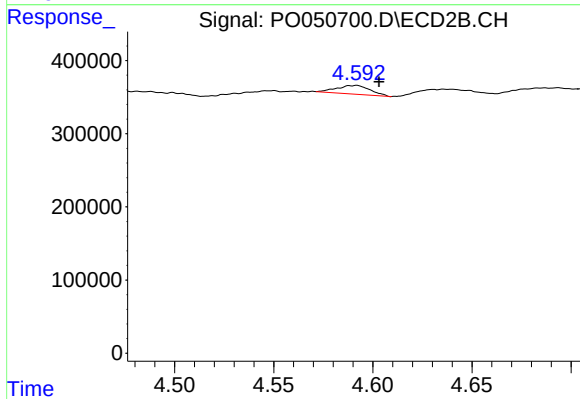
#21 AR-1248-1

R.T.: 4.424 min  
Delta R.T.: 0.045 min  
Response: 31805  
Conc: 7.32 ng/ml



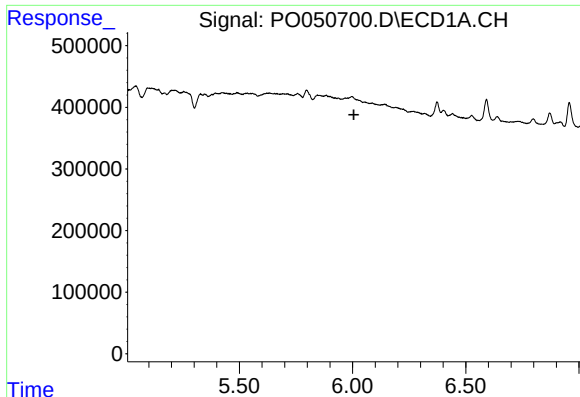
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.801 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

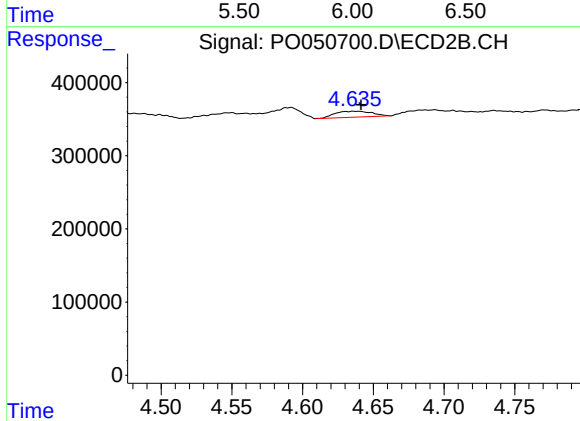
R.T.: 4.592 min  
Delta R.T.: -0.011 min  
Response: 139832  
Conc: 21.20 ng/ml



#23 AR-1248-3

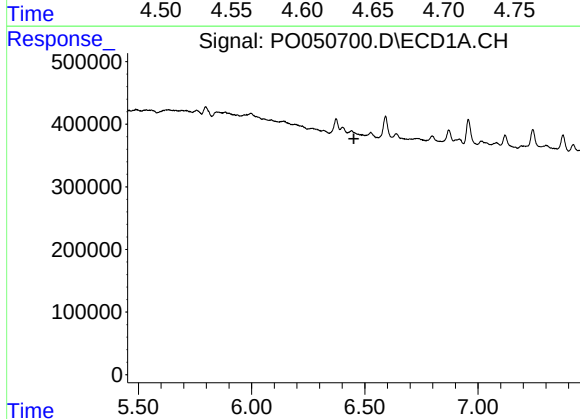
R.T.: 0.000 min  
Exp R.T.: 6.006 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



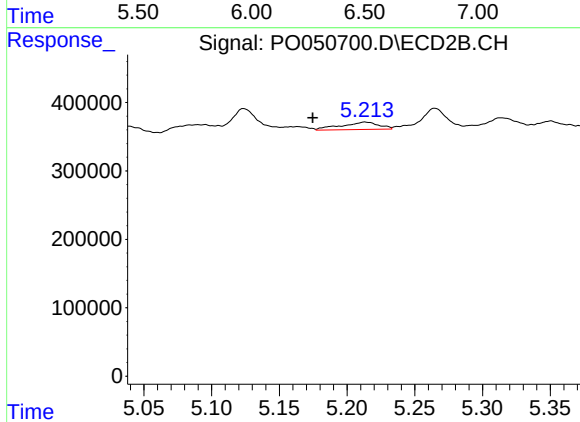
#23 AR-1248-3

R.T.: 4.636 min  
Delta R.T.: -0.006 min  
Response: 149271  
Conc: 22.46 ng/ml



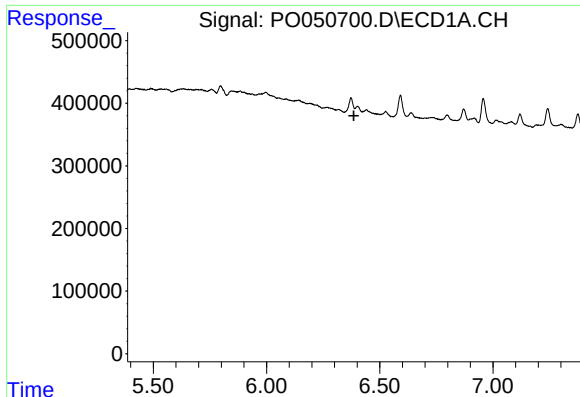
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.451 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

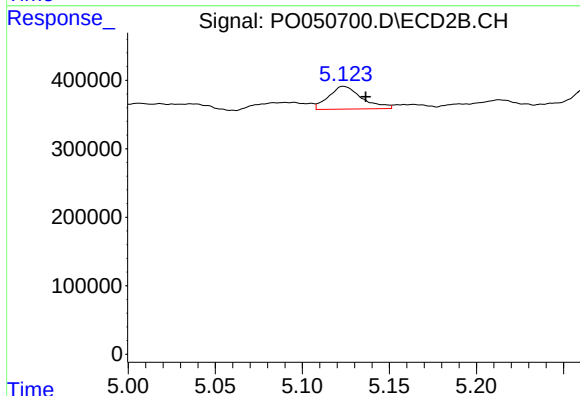
R.T.: 5.213 min  
Delta R.T.: 0.038 min  
Response: 209289  
Conc: 26.47 ng/ml



#26 AR-1254-1

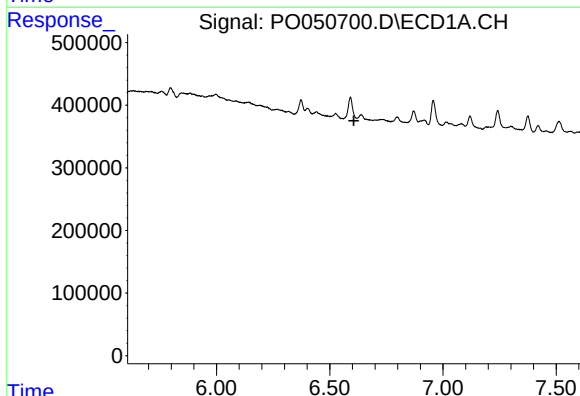
R.T.: 0.000 min  
Exp R.T.: 6.386 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



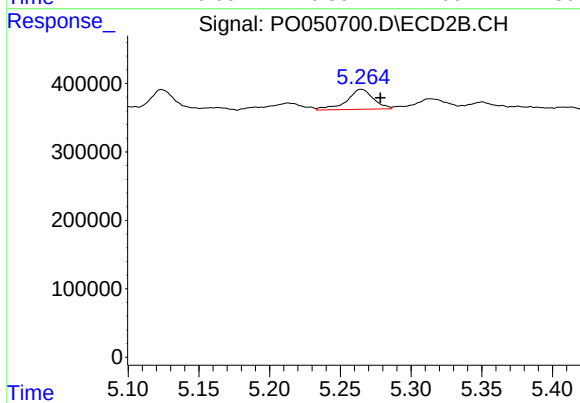
#26 AR-1254-1

R.T.: 5.124 min  
Delta R.T.: -0.013 min  
Response: 443965  
Conc: 30.62 ng/ml



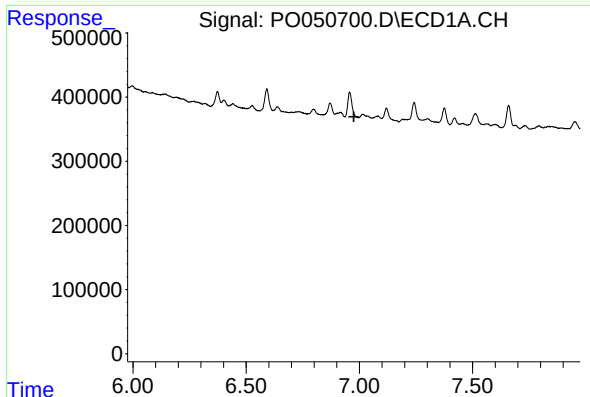
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 6.606 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

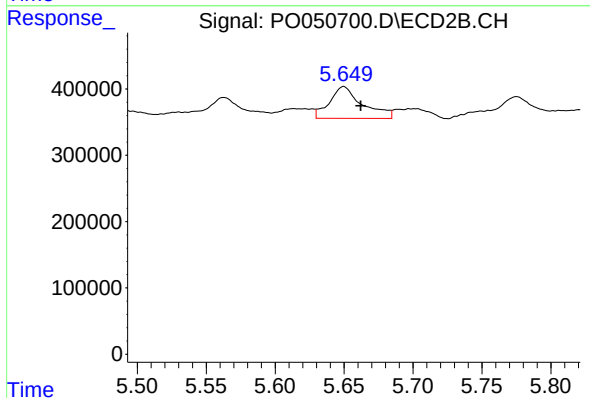
R.T.: 5.265 min  
Delta R.T.: -0.014 min  
Response: 384768  
Conc: 30.28 ng/ml



#28 AR-1254-3

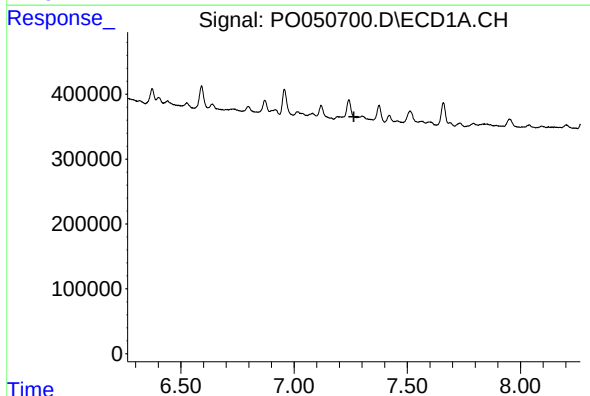
R.T.: 0.000 min  
Exp R.T.: 6.976 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



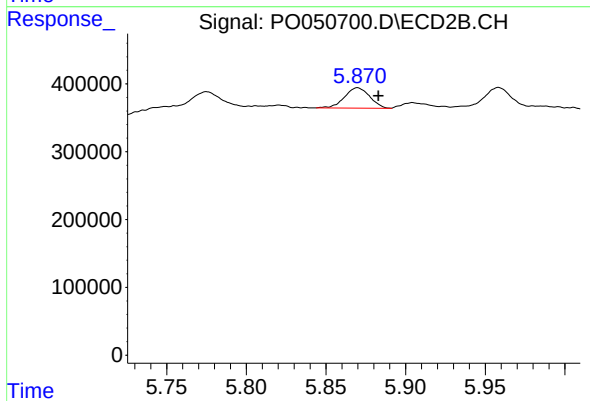
#28 AR-1254-3

R.T.: 5.650 min  
Delta R.T.: -0.012 min  
Response: 795729  
Conc: 38.84 ng/ml



#29 AR-1254-4

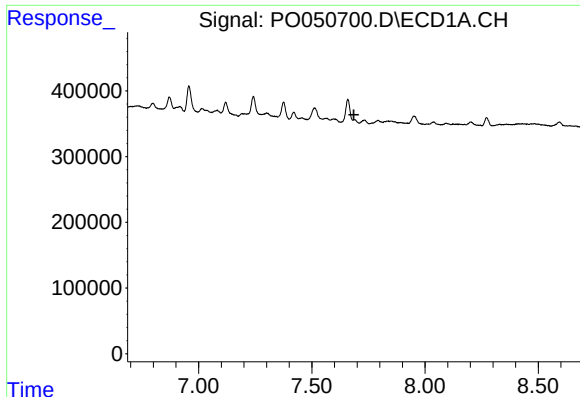
R.T.: 0.000 min  
Exp R.T.: 7.264 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

R.T.: 5.870 min  
Delta R.T.: -0.013 min  
Response: 331098  
Conc: 28.43 ng/ml

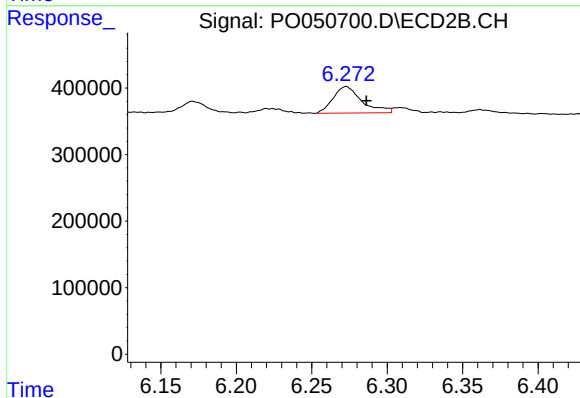




#30 AR-1254-5

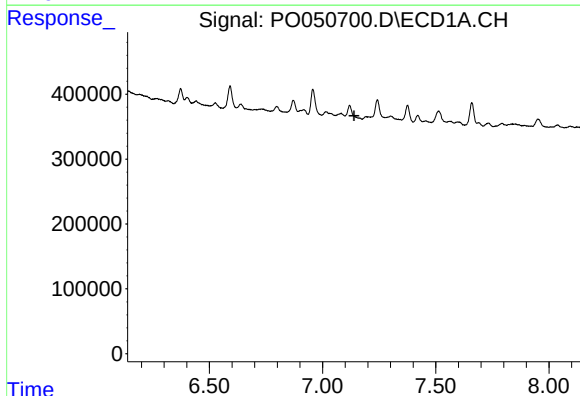
R.T.: 0.000 min  
Exp R.T.: 7.686 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



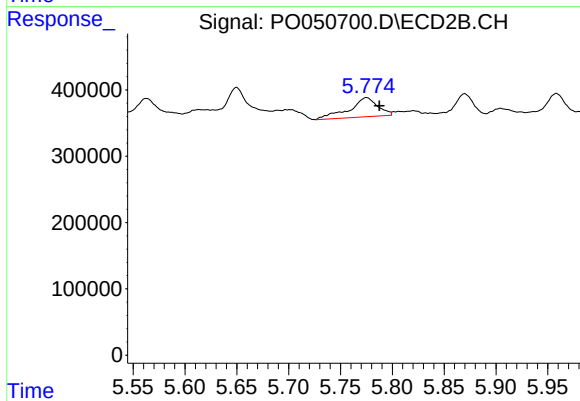
#30 AR-1254-5

R.T.: 6.273 min  
Delta R.T.: -0.013 min  
Response: 530423  
Conc: 30.37 ng/ml



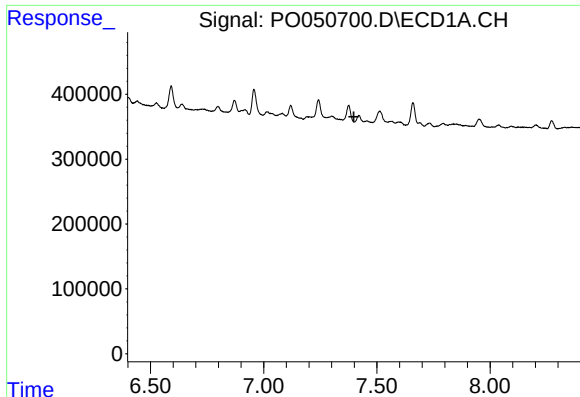
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 7.139 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

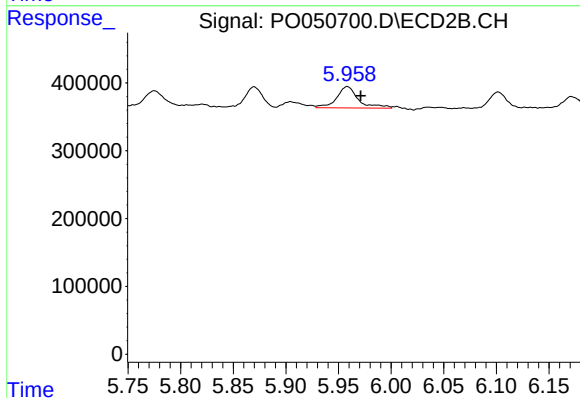
R.T.: 5.775 min  
Delta R.T.: -0.013 min  
Response: 551069  
Conc: 36.37 ng/ml



#32 AR-1260-2

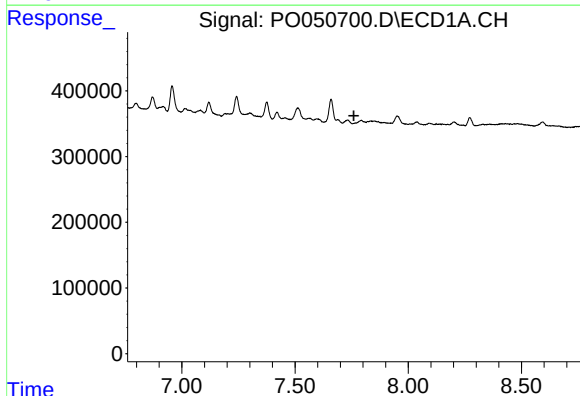
R.T.: 0.000 min  
Exp R.T.: 7.399 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



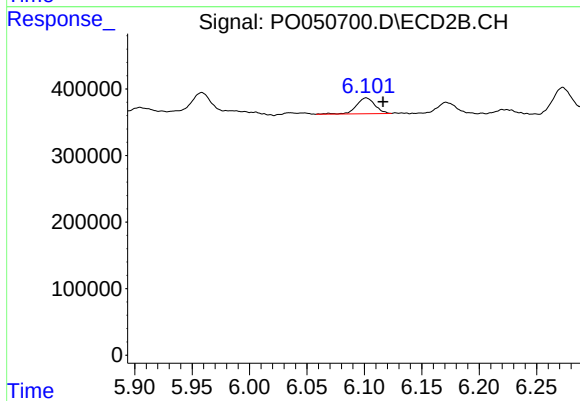
#32 AR-1260-2

R.T.: 5.958 min  
Delta R.T.: -0.013 min  
Response: 453562  
Conc: 24.52 ng/ml



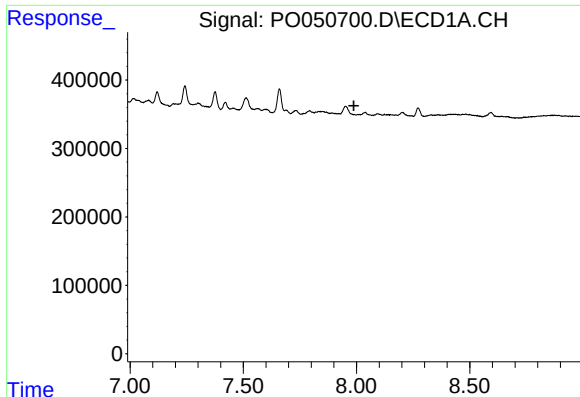
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.760 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

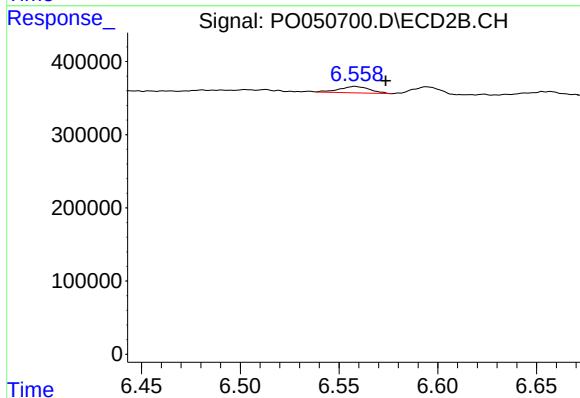
R.T.: 6.102 min  
Delta R.T.: -0.015 min  
Response: 268062  
Conc: 15.66 ng/ml



#34 AR-1260-4

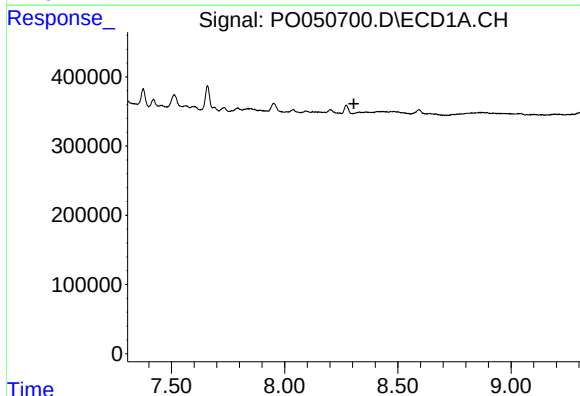
R.T.: 0.000 min  
Exp R.T.: 7.988 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



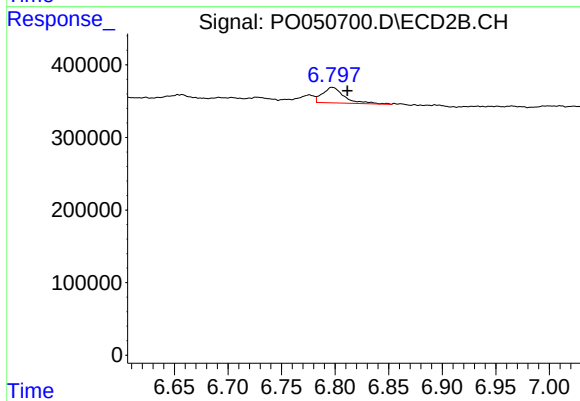
#34 AR-1260-4

R.T.: 6.558 min  
Delta R.T.: -0.015 min  
Response: 94908  
Conc: 7.00 ng/ml



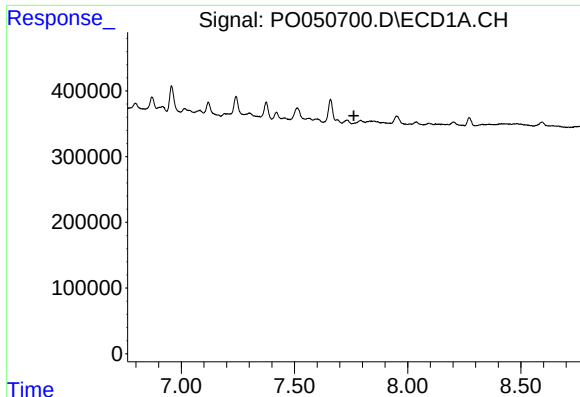
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.306 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

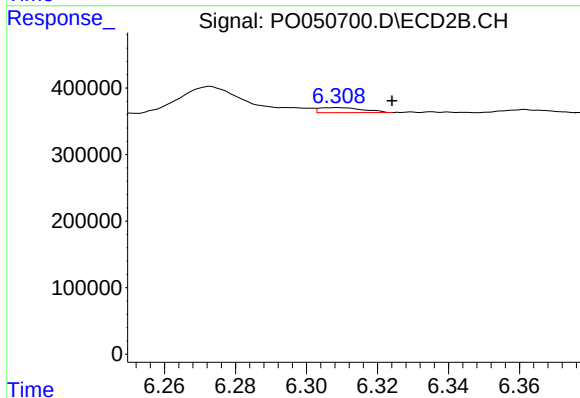
R.T.: 6.797 min  
Delta R.T.: -0.014 min  
Response: 302940  
Conc: 9.91 ng/ml



#36 AR-1262-1

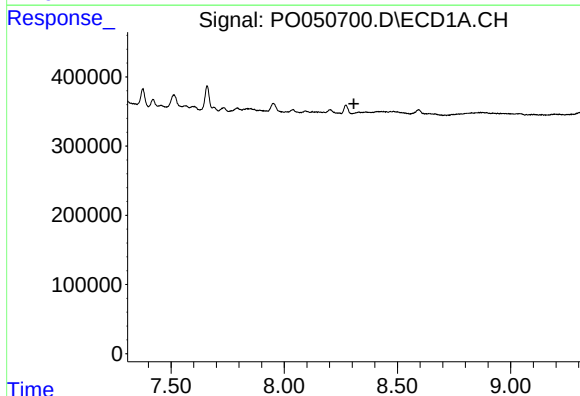
R.T.: 0.000 min  
Exp R.T. : 7.762 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



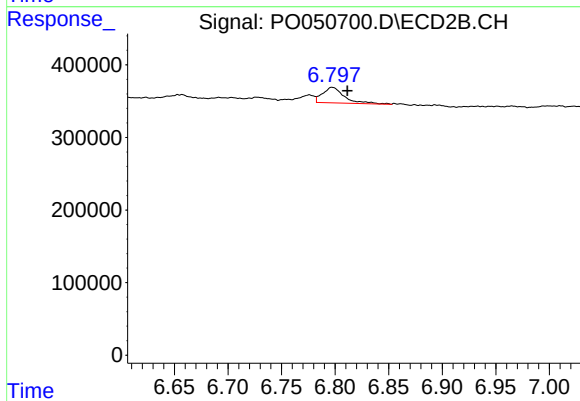
#36 AR-1262-1

R.T.: 6.309 min  
Delta R.T.: -0.015 min  
Response: 64815  
Conc: 4.10 ng/ml



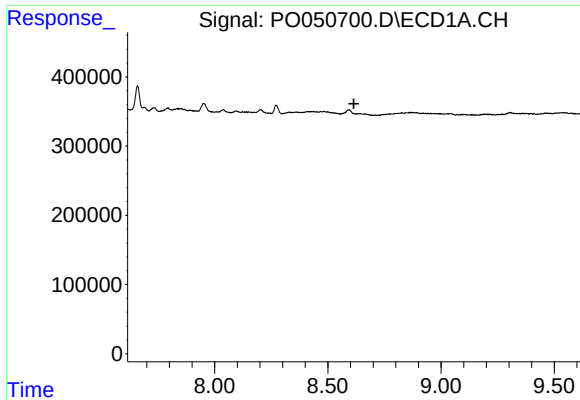
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.308 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

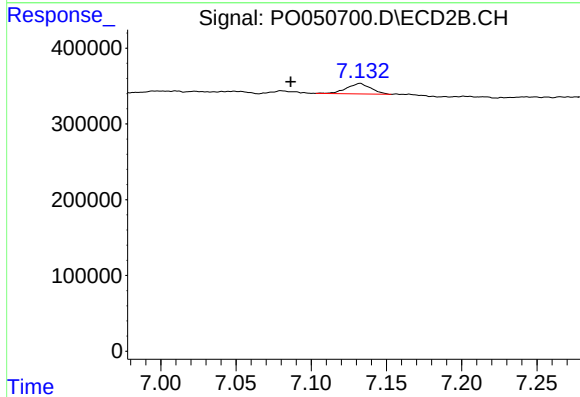
R.T.: 6.797 min  
Delta R.T.: -0.014 min  
Response: 302940  
Conc: 11.83 ng/ml



#38 AR-1262-3

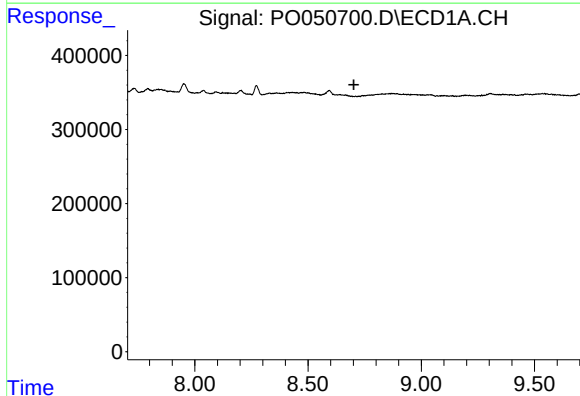
R.T.: 0.000 min  
Exp R.T.: 8.615 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



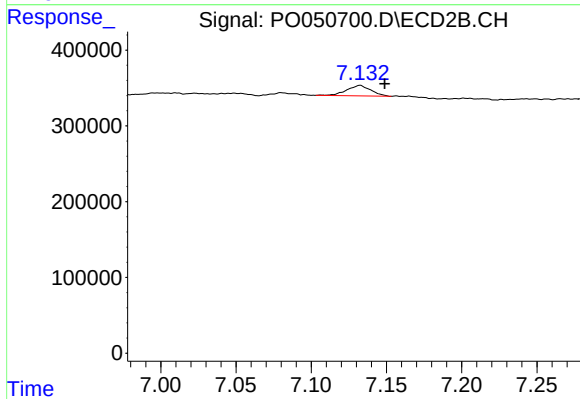
#38 AR-1262-3

R.T.: 7.133 min  
Delta R.T.: 0.046 min  
Response: 156071  
Conc: 15.27 ng/ml



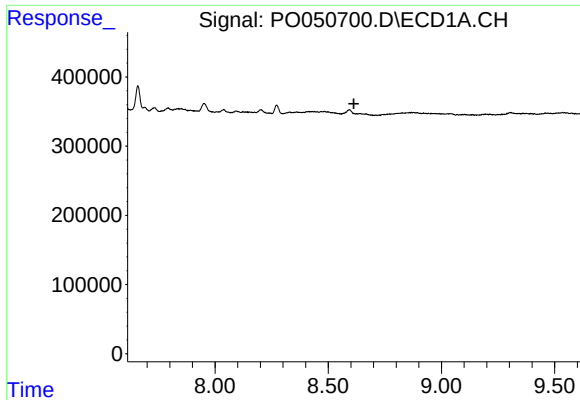
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 8.702 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

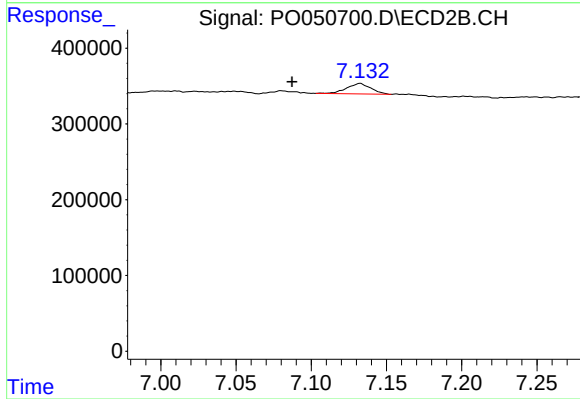
R.T.: 7.133 min  
Delta R.T.: -0.016 min  
Response: 156071  
Conc: 8.32 ng/ml



#41 AR-1268-1

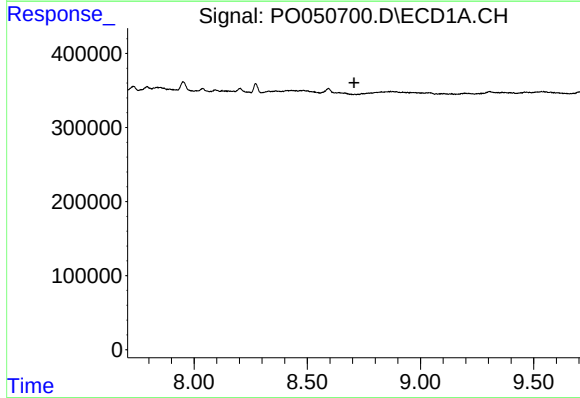
R.T.: 0.000 min  
Exp R.T. : 8.613 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DL-06B



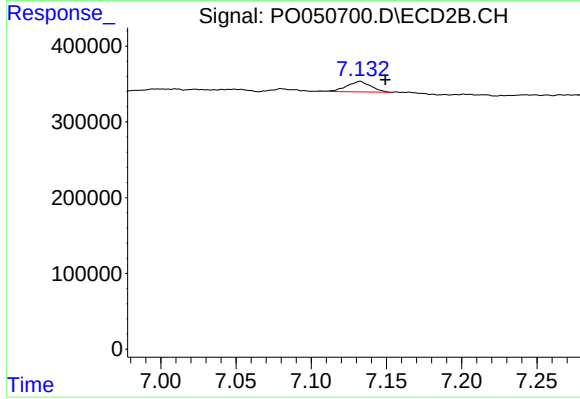
#41 AR-1268-1

R.T.: 7.133 min  
Delta R.T.: 0.045 min  
Response: 156071  
Conc: 4.63 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.706 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.133 min  
Delta R.T.: -0.017 min  
Response: 156071  
Conc: 4.98 ng/ml