

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0081319\  
 Data File : P0059238.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 13 Aug 2019 11:56  
 Operator : SM/SJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 13 13:18:57 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0072819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Jul 27 06:49:05 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... | 4.151 | 3.512 | 807976  | 730112 | 19.145 | 18.276  |
| 2)                          | SA Decachlor... | 9.652 | 8.389 | 1335593 | 896785 | 24.662 | 22.719  |
| Target Compounds            |                 |       |       |         |        |        |         |
| 5)                          | L1 AR-1016-3    | 5.428 | 0.000 | 5568    | 0      | 3.279  | N.D. #  |
| 6)                          | L1 AR-1016-4    | 5.550 | 0.000 | 769     | 0      | 0.550  | N.D. #  |
| 7)                          | L1 AR-1016-5    | 5.860 | 0.000 | 8149    | 0      | 5.689  | N.D. #  |
| 8)                          | L2 AR-1221-1    | 4.453 | 0.000 | 12024   | 0      | 26.470 | N.D. #  |
| 9)                          | L2 AR-1221-2    | 4.453 | 0.000 | 12024   | 0      | 34.876 | N.D. #  |
| 12)                         | L3 AR-1232-2    | 5.041 | 0.000 | 1147    | 0      | 2.333  | N.D. #  |
| 14)                         | L3 AR-1232-4    | 5.550 | 0.000 | 769     | 0      | 1.443  | N.D. #  |
| 15)                         | L3 AR-1232-5    | 5.550 | 0.000 | 769     | 0      | 1.885  | N.D. #  |
| 18)                         | L4 AR-1242-3    | 5.428 | 0.000 | 5568    | 0      | 4.747  | N.D. #  |
| 19)                         | L4 AR-1242-4    | 5.550 | 0.000 | 769     | 0      | 0.800  | N.D. #  |
| 20)                         | L4 AR-1242-5    | 6.221 | 0.000 | 5231    | 0      | 4.454  | N.D. #  |
| 22)                         | L5 AR-1248-2    | 5.550 | 0.000 | 769     | 0      | 0.532  | N.D. #  |
| 23)                         | L5 AR-1248-3    | 5.860 | 0.000 | 8149    | 0      | 4.961  | N.D. #  |
| 24)                         | L5 AR-1248-4    | 6.221 | 0.000 | 5231    | 0      | 2.583  | N.D. #  |
| 25)                         | L5 AR-1248-5    | 6.221 | 0.000 | 5231    | 0      | 2.710  | N.D. #  |
| 26)                         | L6 AR-1254-1    | 6.153 | 0.000 | 25424   | 0      | 10.767 | N.D. #  |
| 27)                         | L6 AR-1254-2    | 6.431 | 0.000 | 11710   | 0      | 3.038  | N.D. #  |
| 28)                         | L6 AR-1254-3    | 6.700 | 0.000 | 11215   | 0      | 2.769  | N.D. #  |
| 29)                         | L6 AR-1254-4    | 7.003 | 0.000 | 19855   | 0      | 5.514  | N.D. #  |
| 30)                         | L6 AR-1254-5    | 7.505 | 0.000 | 15490   | 0      | 4.273  | N.D. #  |
| 31)                         | L7 AR-1260-1    | 6.907 | 0.000 | 13590   | 0      | 4.720  | N.D. #  |
| 32)                         | L7 AR-1260-2    | 7.194 | 0.000 | 27484   | 0      | 6.607  | N.D. #  |
| 33)                         | L7 AR-1260-3    | 7.505 | 0.000 | 15490   | 0      | 4.159  | N.D. #  |
| 34)                         | L7 AR-1260-4    | 7.728 | 0.000 | 31746   | 0      | 9.316  | N.D. #  |
| 35)                         | L7 AR-1260-5    | 8.063 | 0.000 | 12520   | 0      | 1.702  | N.D. #  |
| 36)                         | L8 AR-1262-1    | 7.505 | 0.000 | 15490   | 0      | 3.073  | N.D. #  |
| 37)                         | L8 AR-1262-2    | 8.063 | 0.000 | 12520   | 0      | 1.573  | N.D. #  |
| 38)                         | L8 AR-1262-3    | 8.334 | 7.398 | 27057   | 8989   | 5.323  | 3.642 # |
| 39)                         | L8 AR-1262-4    | 8.411 | 7.398 | 3614    | 8989   | 0.954  | 2.117 # |
| 40)                         | L8 AR-1262-5    | 9.003 | 0.000 | 9216    | 0      | 4.011  | N.D. #  |
| 41)                         | L9 AR-1268-1    | 8.334 | 7.398 | 27057   | 8989   | 2.422  | 1.104 # |
| 42)                         | L9 AR-1268-2    | 8.411 | 7.398 | 3614    | 8989   | 0.385  | 1.186 # |
| 43)                         | L9 AR-1268-3    | 8.614 | 0.000 | 12547   | 0      | 1.519  | N.D. #  |
| 44)                         | L9 AR-1268-4    | 9.003 | 0.000 | 9216    | 0      | 3.083  | N.D. #  |
| 45)                         | L9 AR-1268-5    | 9.361 | 0.000 | 16904   | 0      | 0.787  | N.D. #  |
| -----                       |                 |       |       |         |        |        |         |

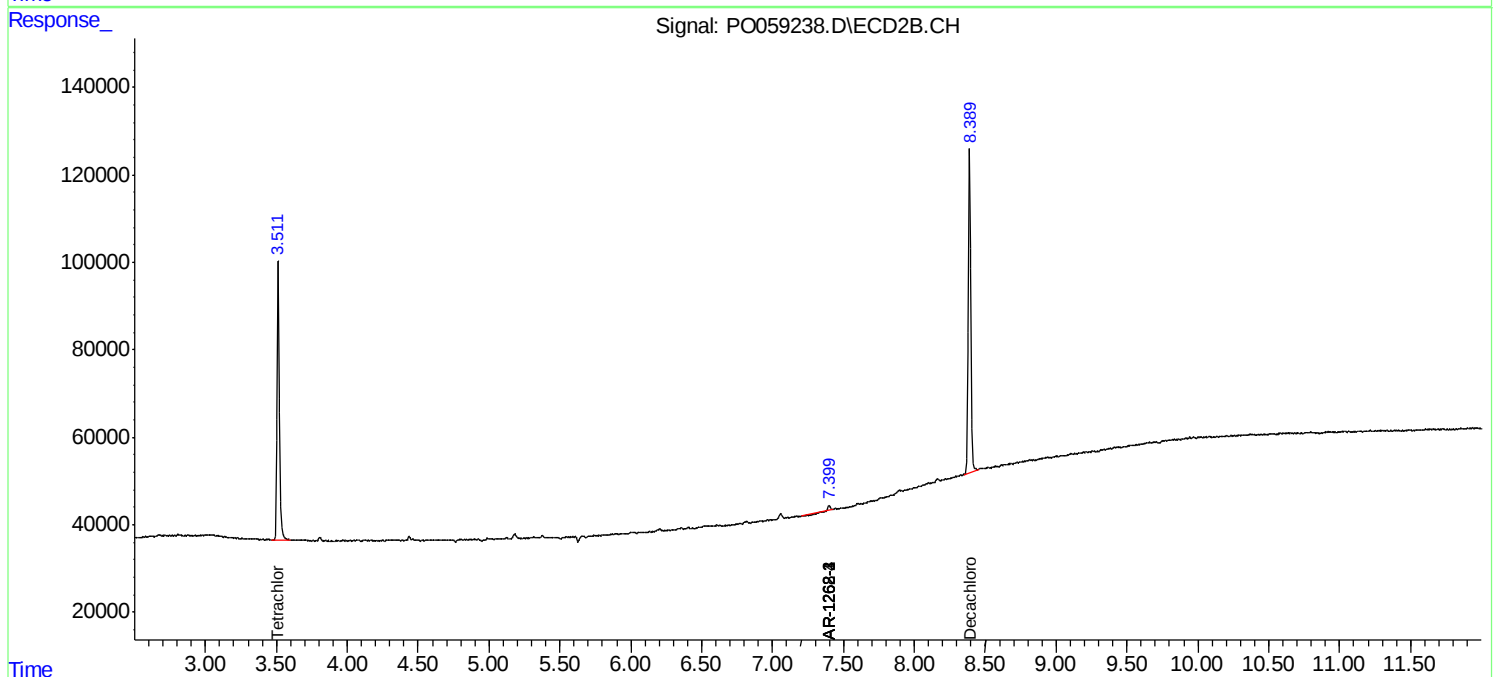
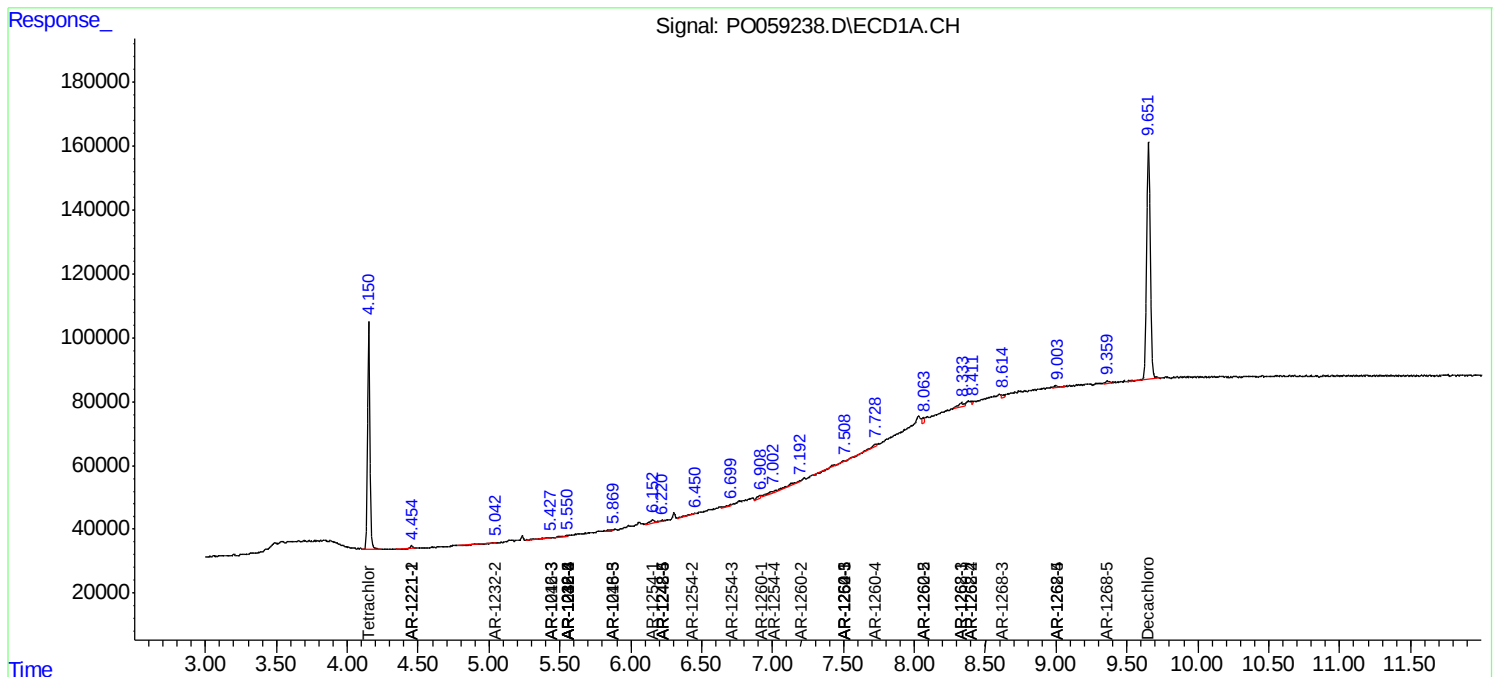
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

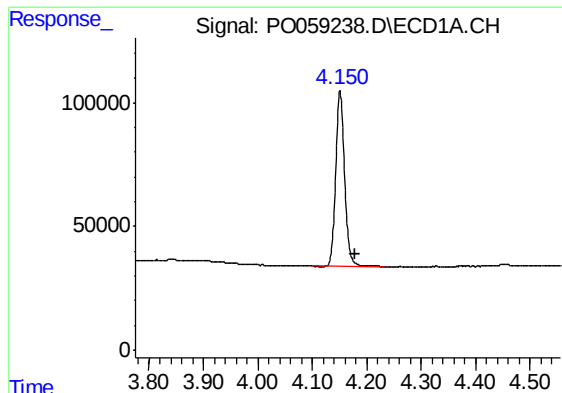
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO081319\  
Data File : PO059238.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 13 Aug 2019 11:56  
Operator : SM/SJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 13 13:18:57 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO072819.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Jul 27 06:49:05 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

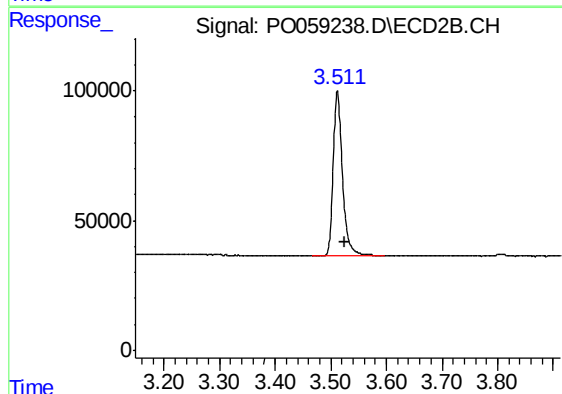




#1 Tetrachloro-m-xylene

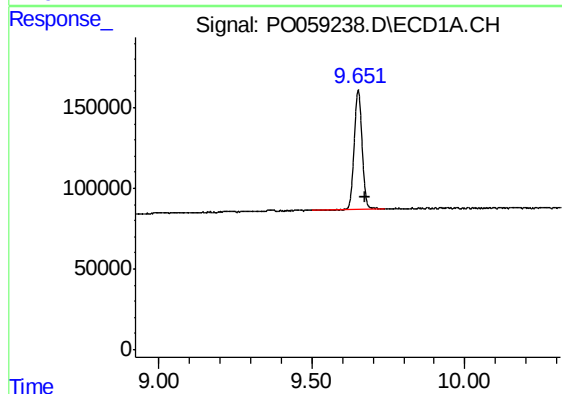
R.T.: 4.151 min  
Delta R.T.: -0.028 min  
Response: 807976  
Conc: 19.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



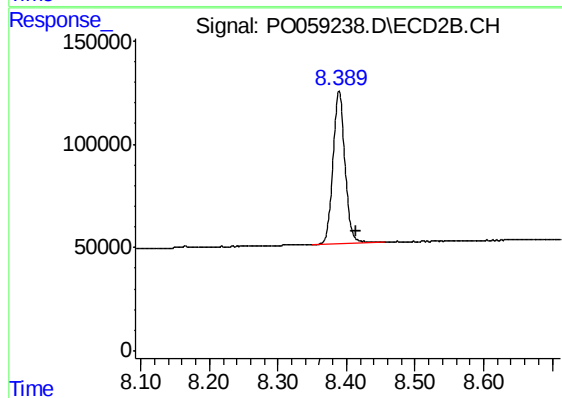
#1 Tetrachloro-m-xylene

R.T.: 3.512 min  
Delta R.T.: -0.013 min  
Response: 730112  
Conc: 18.28 ng/ml



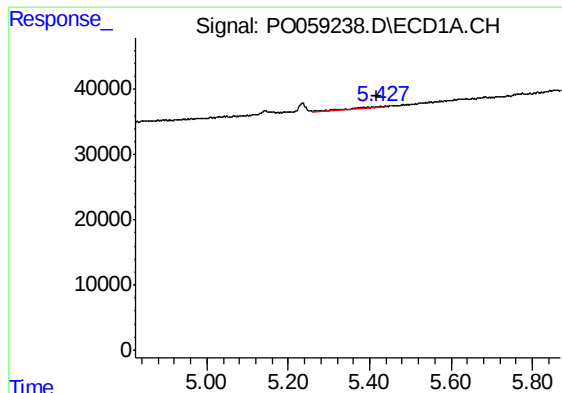
#2 Decachlorobiphenyl

R.T.: 9.652 min  
Delta R.T.: -0.021 min  
Response: 1335593  
Conc: 24.66 ng/ml



#2 Decachlorobiphenyl

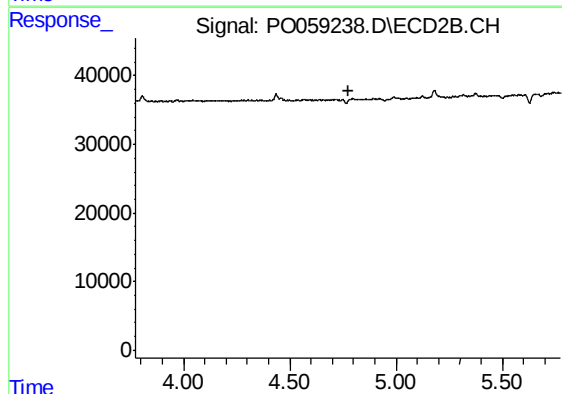
R.T.: 8.389 min  
Delta R.T.: -0.025 min  
Response: 896785  
Conc: 22.72 ng/ml



#5 AR-1016-3

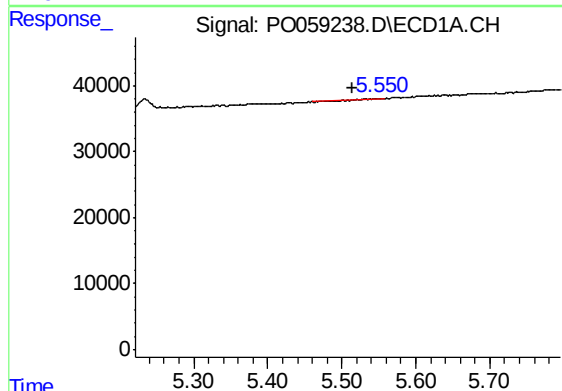
R.T.: 5.428 min  
Delta R.T.: 0.011 min  
Response: 5568  
Conc: 3.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



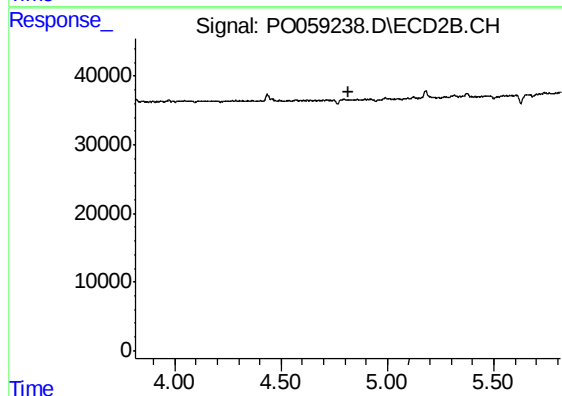
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.773 min  
Response: 0  
Conc: N.D.



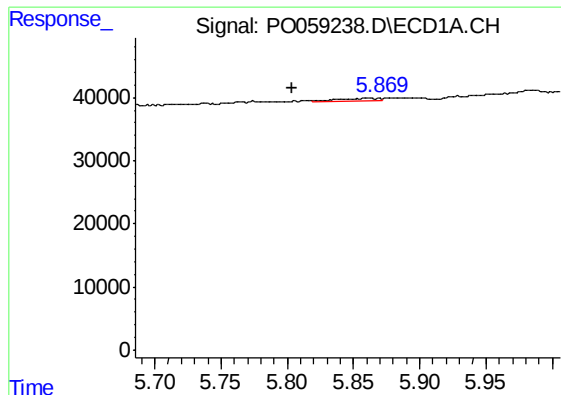
#6 AR-1016-4

R.T.: 5.550 min  
Delta R.T.: 0.035 min  
Response: 769  
Conc: 0.55 ng/ml



#6 AR-1016-4

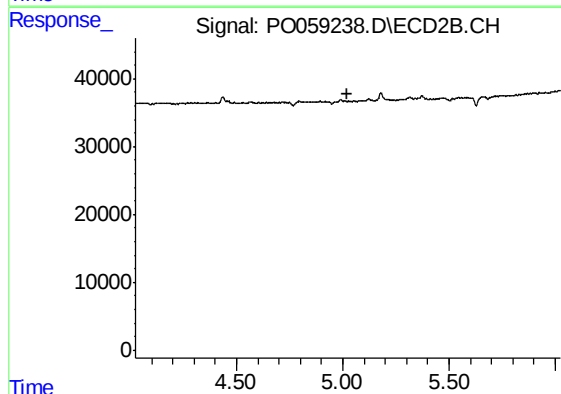
R.T.: 0.000 min  
Exp R.T. : 4.815 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

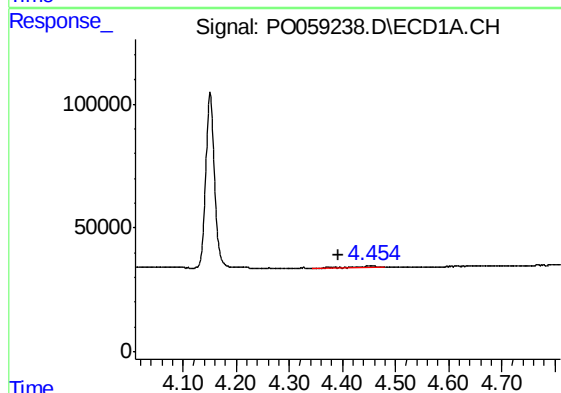
R.T.: 5.860 min  
Delta R.T.: 0.057 min  
Response: 8149  
Conc: 5.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



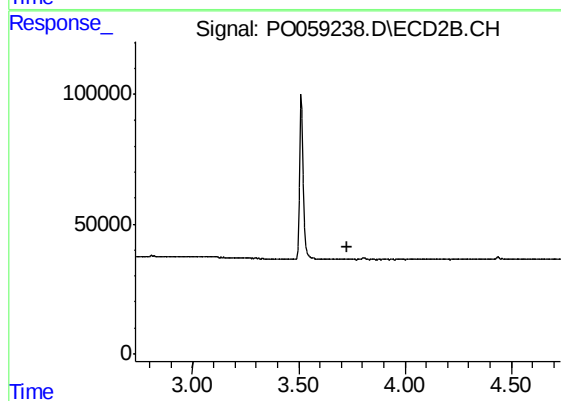
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.024 min  
Response: 0  
Conc: N.D.



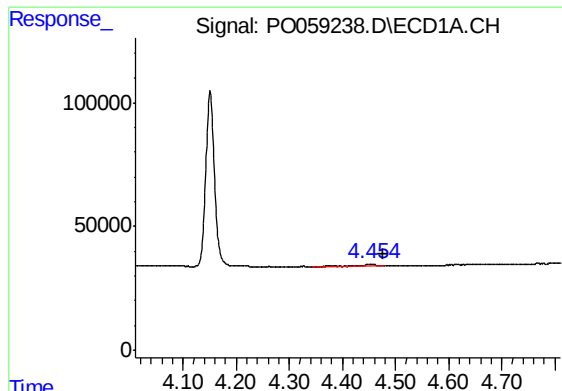
#8 AR-1221-1

R.T.: 4.453 min  
Delta R.T.: 0.062 min  
Response: 12024  
Conc: 26.47 ng/ml



#8 AR-1221-1

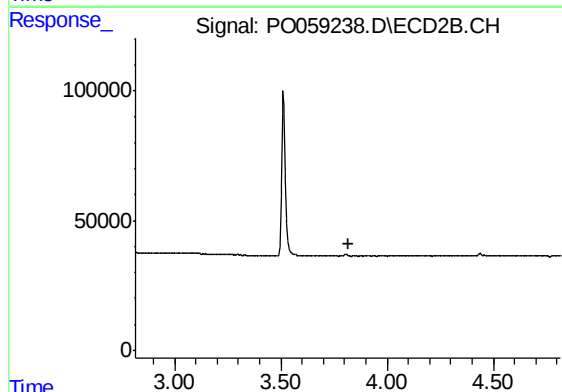
R.T.: 0.000 min  
Exp R.T. : 3.732 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

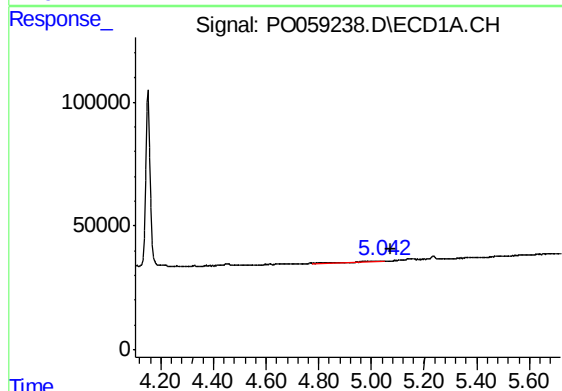
R.T.: 4.453 min  
Delta R.T.: -0.024 min  
Response: 12024  
Conc: 34.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



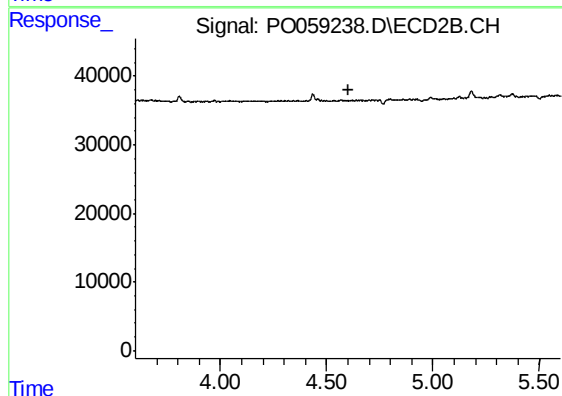
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 3.816 min  
Response: 0  
Conc: N.D.



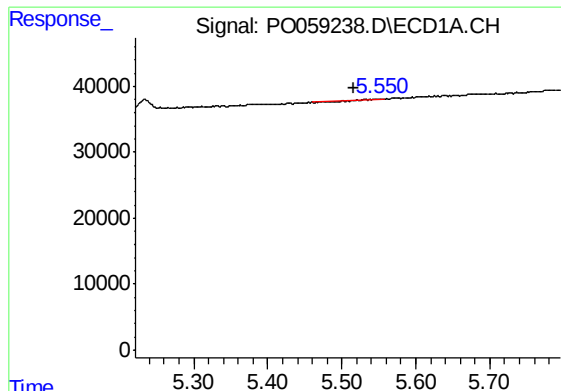
#12 AR-1232-2

R.T.: 5.041 min  
Delta R.T.: -0.031 min  
Response: 1147  
Conc: 2.33 ng/ml



#12 AR-1232-2

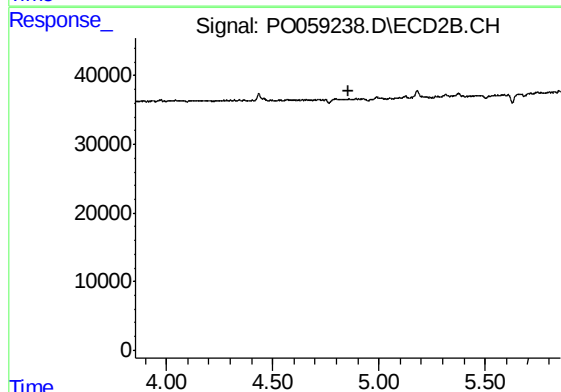
R.T.: 0.000 min  
Exp R.T. : 4.600 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

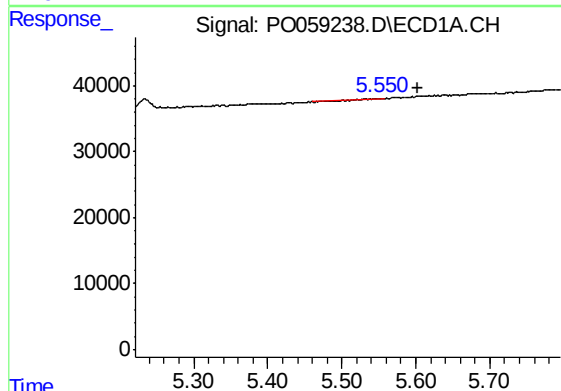
R.T.: 5.550 min  
Delta R.T.: 0.034 min  
Response: 769  
Conc: 1.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



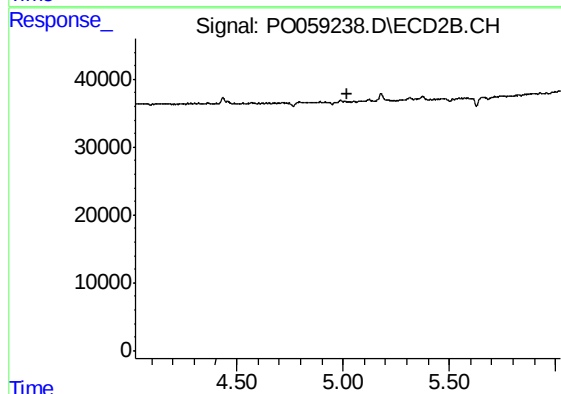
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 4.854 min  
Response: 0  
Conc: N.D.



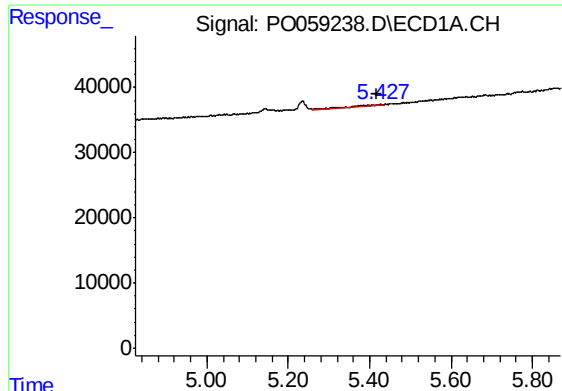
#15 AR-1232-5

R.T.: 5.550 min  
Delta R.T.: -0.053 min  
Response: 769  
Conc: 1.89 ng/ml



#15 AR-1232-5

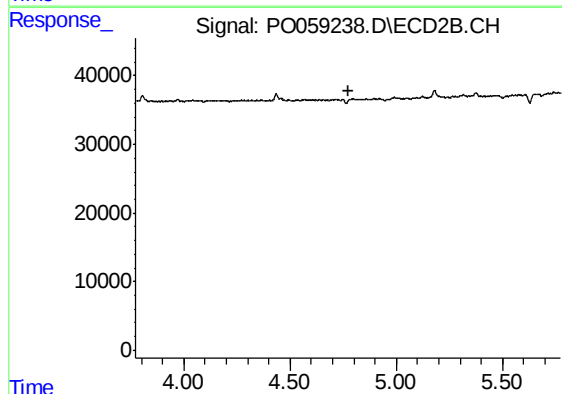
R.T.: 0.000 min  
Exp R.T. : 5.023 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

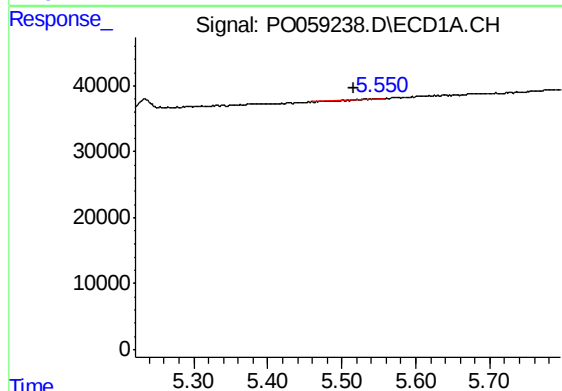
R.T.: 5.428 min  
Delta R.T.: 0.012 min  
Response: 5568  
Conc: 4.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



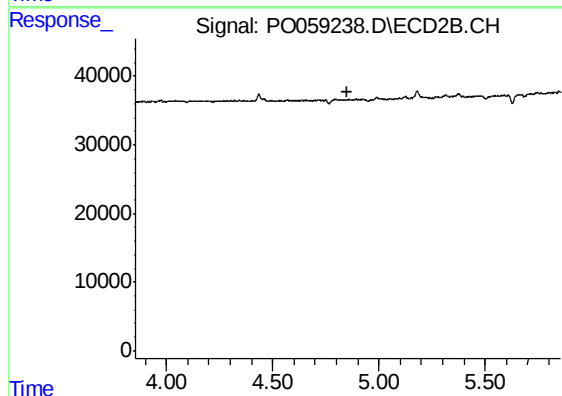
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.773 min  
Response: 0  
Conc: N.D.



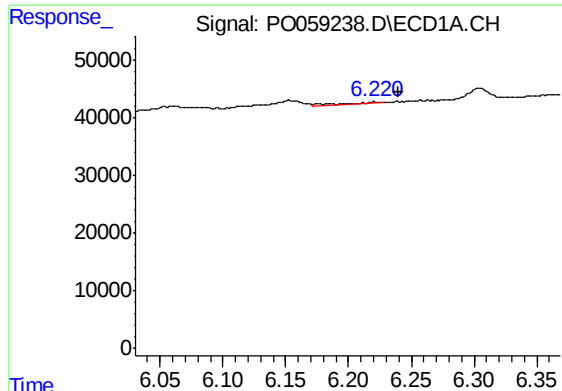
#19 AR-1242-4

R.T.: 5.550 min  
Delta R.T.: 0.035 min  
Response: 769  
Conc: 0.80 ng/ml



#19 AR-1242-4

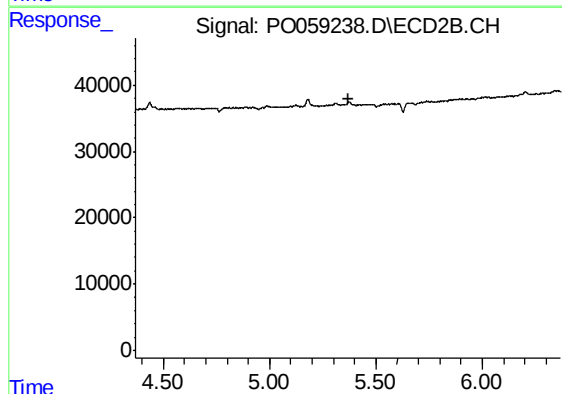
R.T.: 0.000 min  
Exp R.T. : 4.854 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

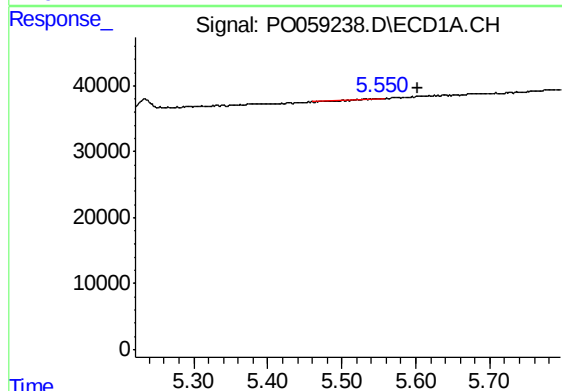
R.T.: 6.221 min  
Delta R.T.: -0.018 min  
Response: 5231  
Conc: 4.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



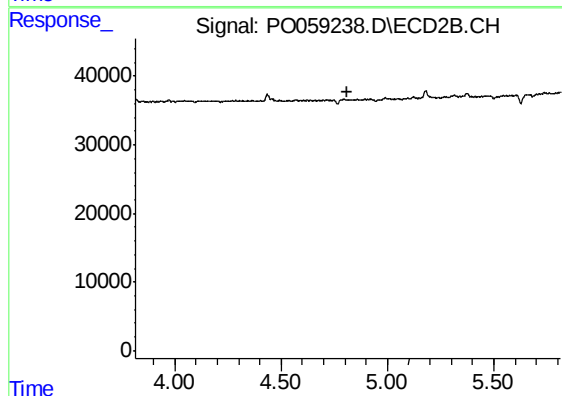
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 5.368 min  
Response: 0  
Conc: N.D.



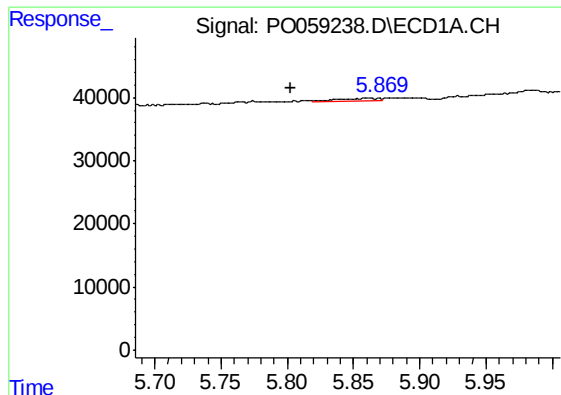
#22 AR-1248-2

R.T.: 5.550 min  
Delta R.T.: -0.052 min  
Response: 769  
Conc: 0.53 ng/ml



#22 AR-1248-2

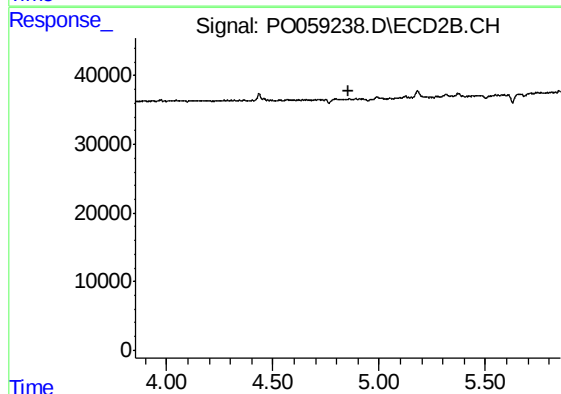
R.T.: 0.000 min  
Exp R.T. : 4.814 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

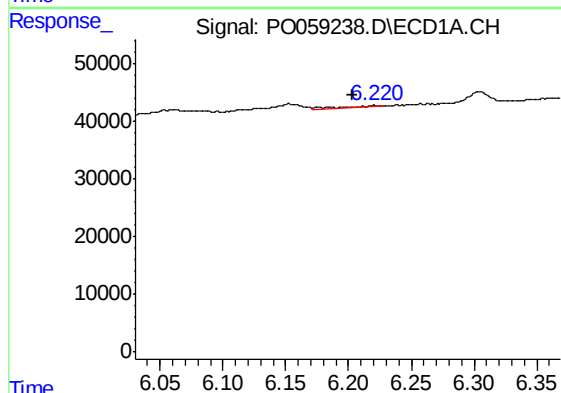
R.T.: 5.860 min  
Delta R.T.: 0.057 min  
Response: 8149  
Conc: 4.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



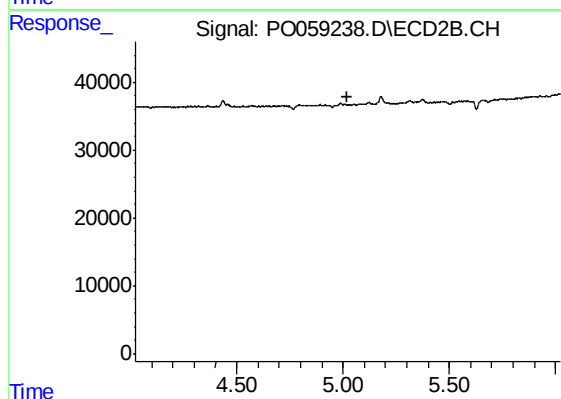
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 4.854 min  
Response: 0  
Conc: N.D.



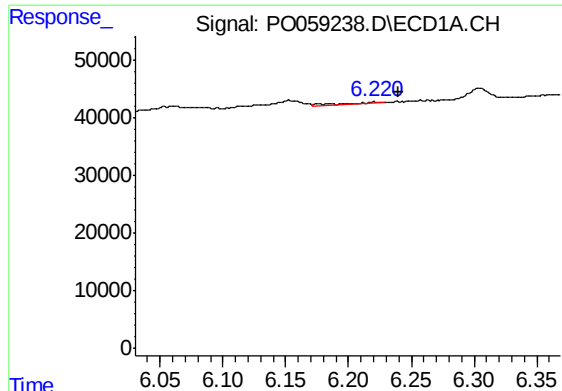
#24 AR-1248-4

R.T.: 6.221 min  
Delta R.T.: 0.018 min  
Response: 5231  
Conc: 2.58 ng/ml



#24 AR-1248-4

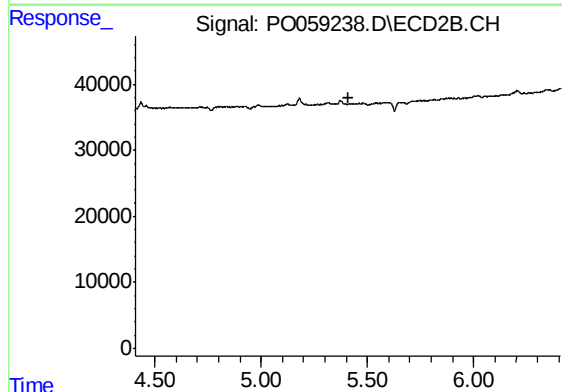
R.T.: 0.000 min  
Exp R.T. : 5.023 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

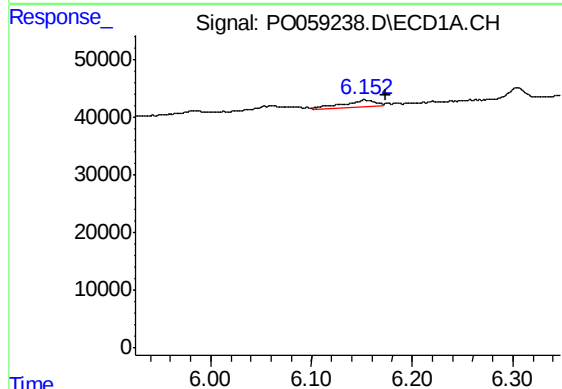
R.T.: 6.221 min  
Delta R.T.: -0.019 min  
Response: 5231  
Conc: 2.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



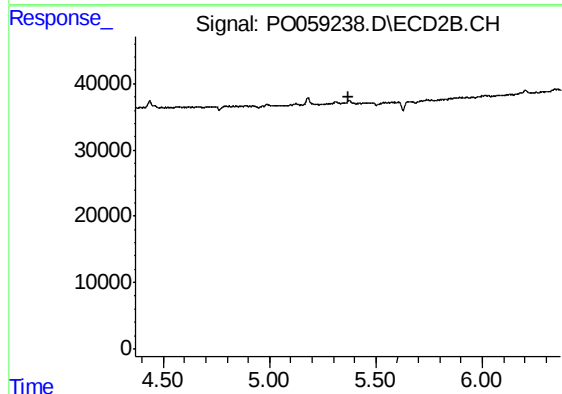
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.409 min  
Response: 0  
Conc: N.D.



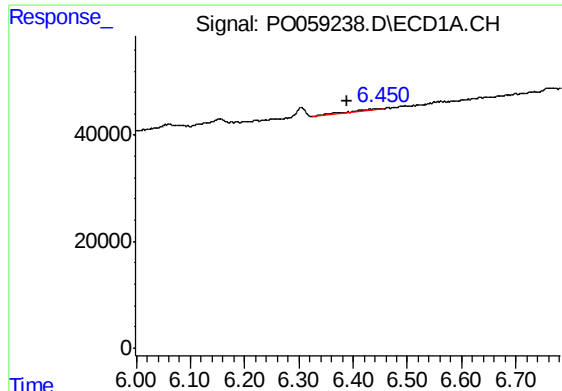
#26 AR-1254-1

R.T.: 6.153 min  
Delta R.T.: -0.021 min  
Response: 25424  
Conc: 10.77 ng/ml



#26 AR-1254-1

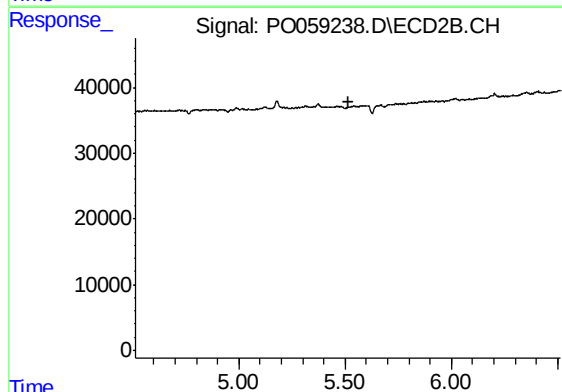
R.T.: 0.000 min  
Exp R.T. : 5.368 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

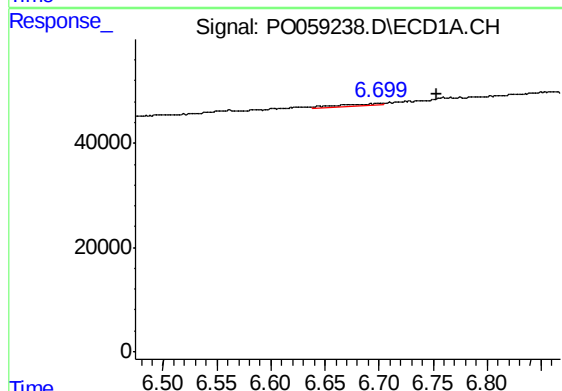
R.T.: 6.431 min  
Delta R.T.: 0.042 min  
Response: 11710  
Conc: 3.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



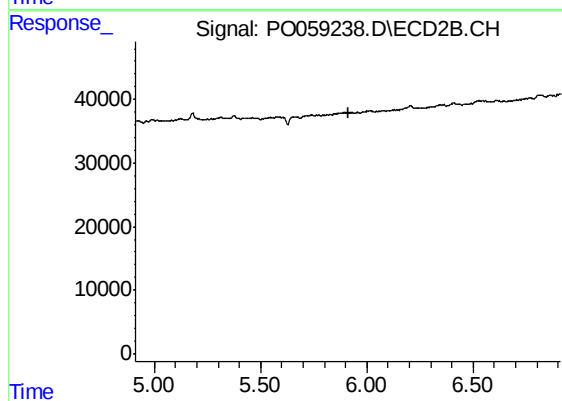
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.514 min  
Response: 0  
Conc: N.D.



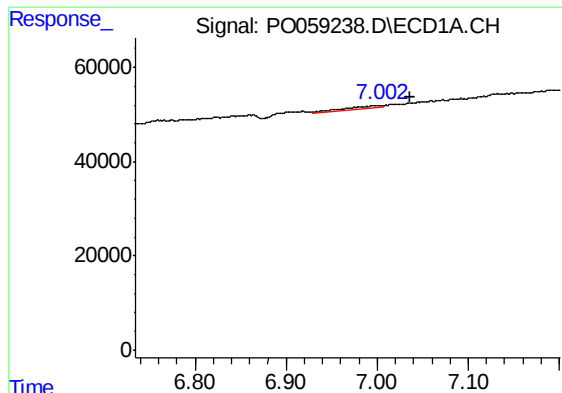
#28 AR-1254-3

R.T.: 6.700 min  
Delta R.T.: -0.054 min  
Response: 11215  
Conc: 2.77 ng/ml



#28 AR-1254-3

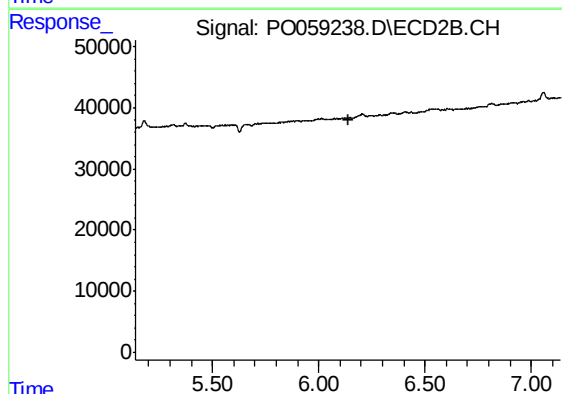
R.T.: 0.000 min  
Exp R.T. : 5.911 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

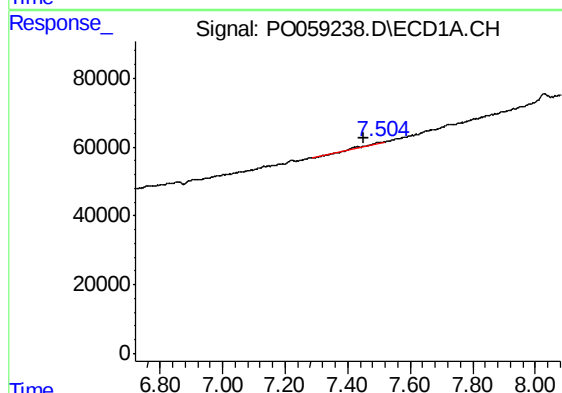
R.T.: 7.003 min  
Delta R.T.: -0.034 min  
Response: 19855  
Conc: 5.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



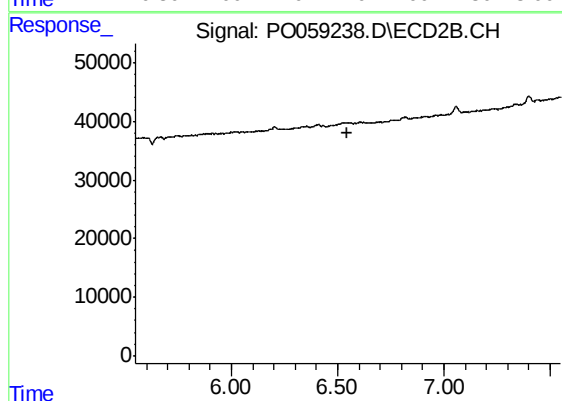
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.138 min  
Response: 0  
Conc: N.D.



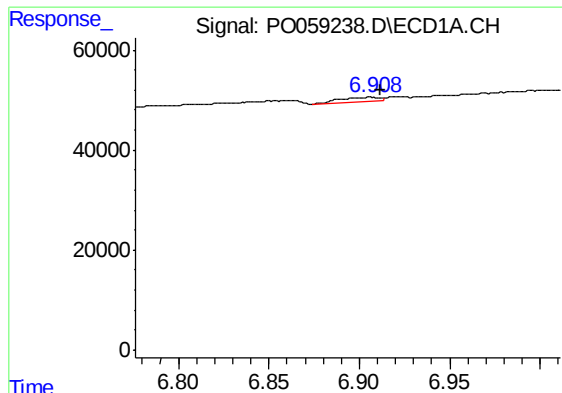
#30 AR-1254-5

R.T.: 7.505 min  
Delta R.T.: 0.054 min  
Response: 15490  
Conc: 4.27 ng/ml



#30 AR-1254-5

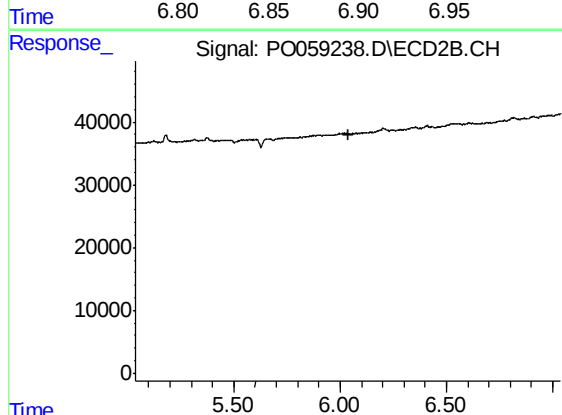
R.T.: 0.000 min  
Exp R.T. : 6.548 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

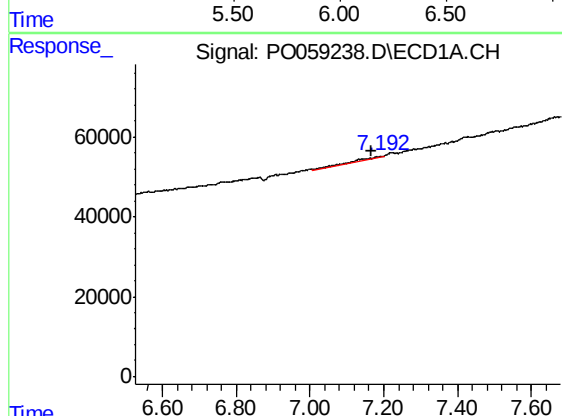
R.T.: 6.907 min  
Delta R.T.: -0.005 min  
Response: 13590  
Conc: 4.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



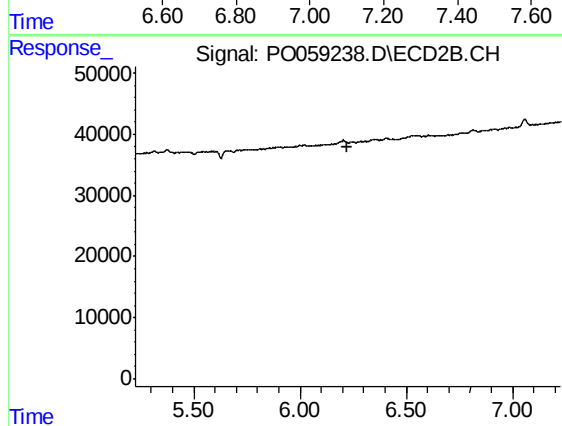
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.037 min  
Response: 0  
Conc: N.D.



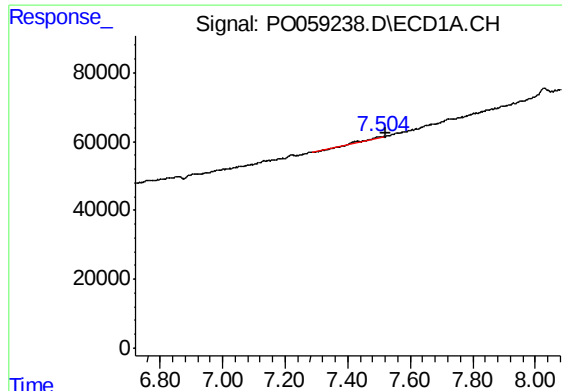
#32 AR-1260-2

R.T.: 7.194 min  
Delta R.T.: 0.027 min  
Response: 27484  
Conc: 6.61 ng/ml



#32 AR-1260-2

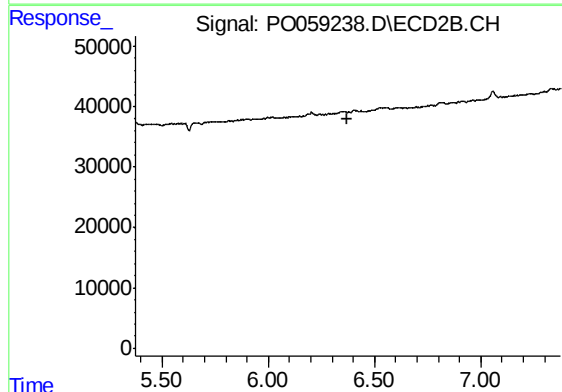
R.T.: 0.000 min  
Exp R.T. : 6.225 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

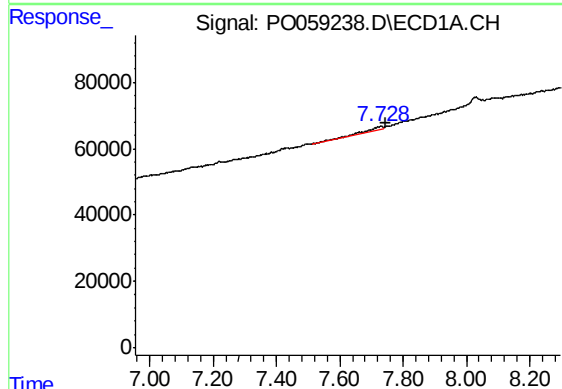
R.T.: 7.505 min  
Delta R.T.: -0.016 min  
Response: 15490  
Conc: 4.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



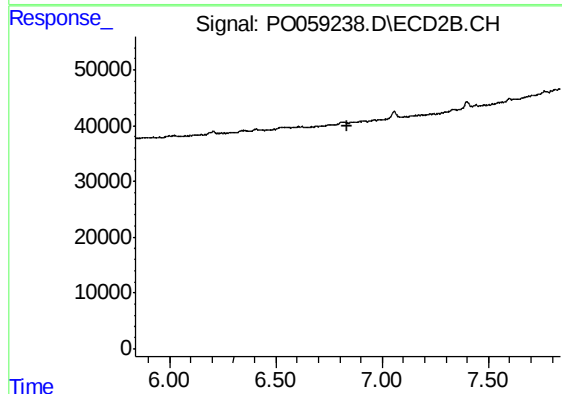
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.375 min  
Response: 0  
Conc: N.D.



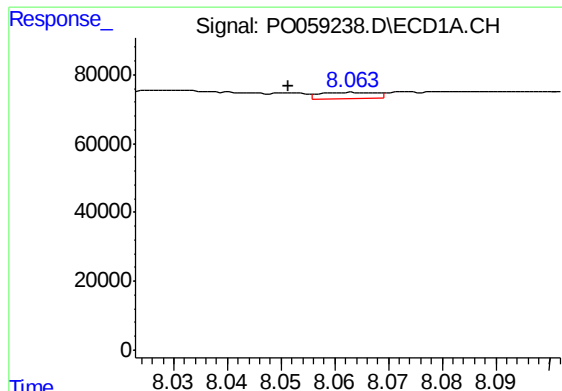
#34 AR-1260-4

R.T.: 7.728 min  
Delta R.T.: -0.018 min  
Response: 31746  
Conc: 9.32 ng/ml



#34 AR-1260-4

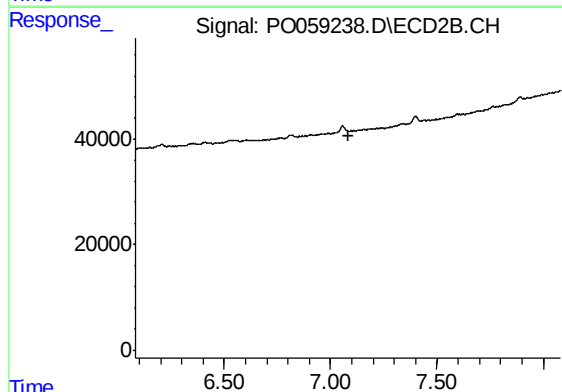
R.T.: 0.000 min  
Exp R.T. : 6.839 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

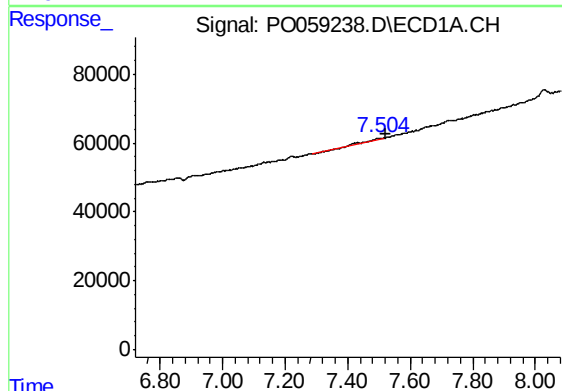
R.T.: 8.063 min  
Delta R.T.: 0.012 min  
Response: 12520  
Conc: 1.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



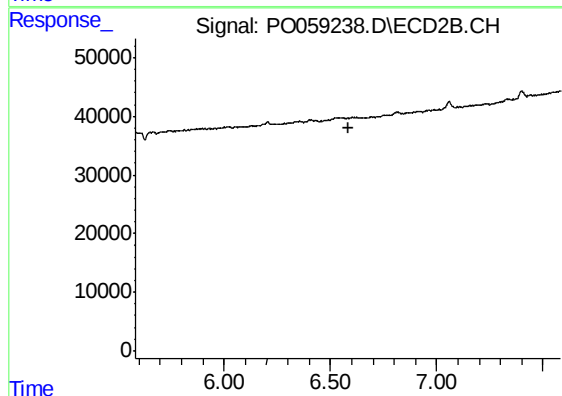
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.082 min  
Response: 0  
Conc: N.D.



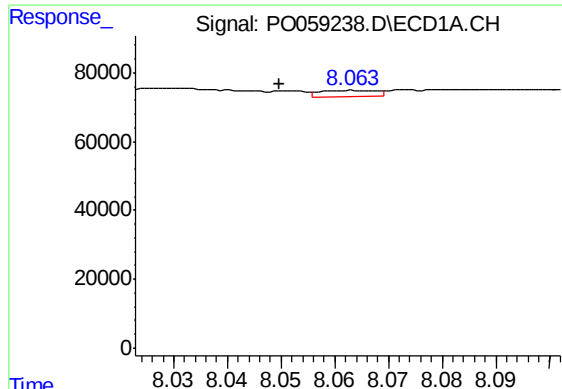
#36 AR-1262-1

R.T.: 7.505 min  
Delta R.T.: -0.015 min  
Response: 15490  
Conc: 3.07 ng/ml



#36 AR-1262-1

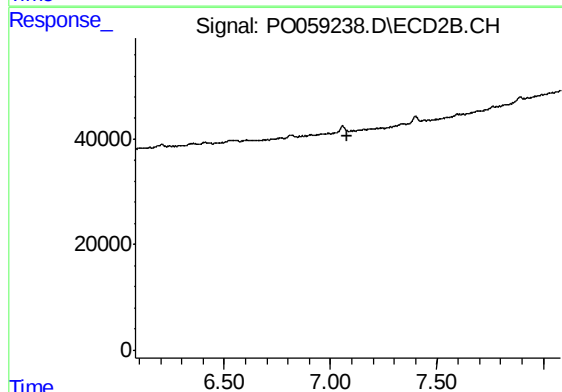
R.T.: 0.000 min  
Exp R.T. : 6.583 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

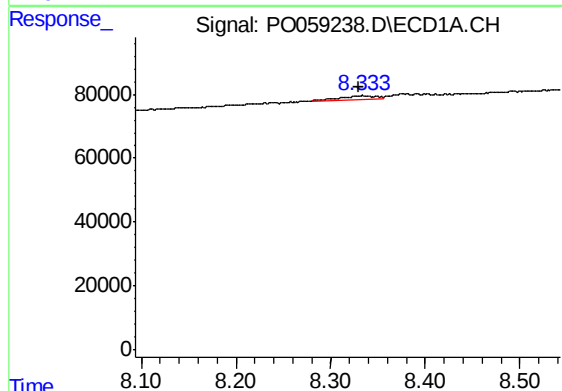
R.T.: 8.063 min  
Delta R.T.: 0.013 min  
Response: 12520  
Conc: 1.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



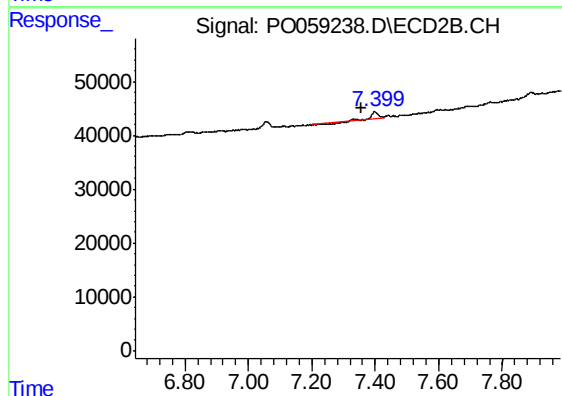
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.082 min  
Response: 0  
Conc: N.D.



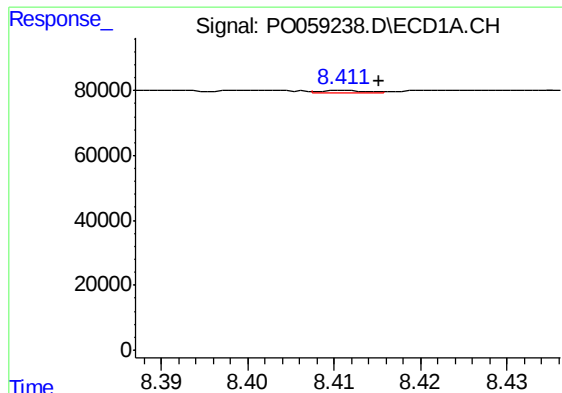
#38 AR-1262-3

R.T.: 8.334 min  
Delta R.T.: 0.004 min  
Response: 27057  
Conc: 5.32 ng/ml



#38 AR-1262-3

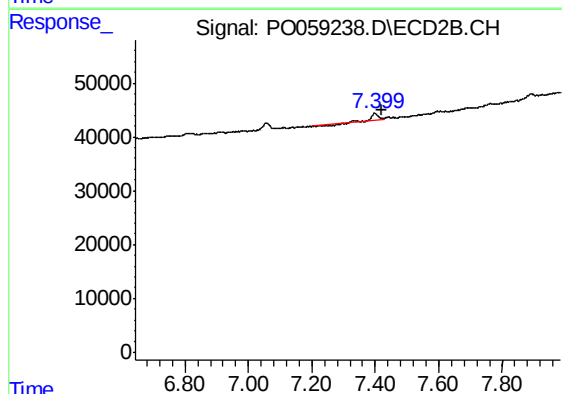
R.T.: 7.398 min  
Delta R.T.: 0.041 min  
Response: 8989  
Conc: 3.64 ng/ml



#39 AR-1262-4

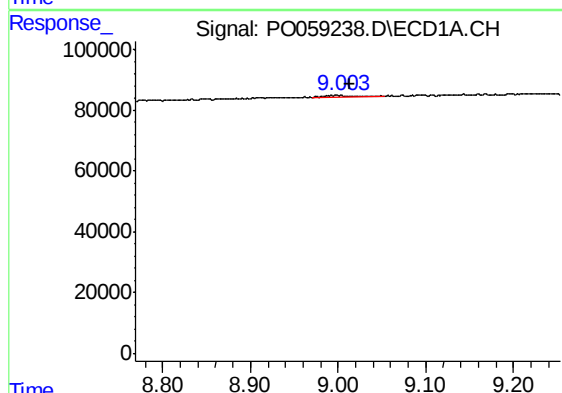
R.T.: 8.411 min  
Delta R.T.: -0.004 min  
Response: 3614  
Conc: 0.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



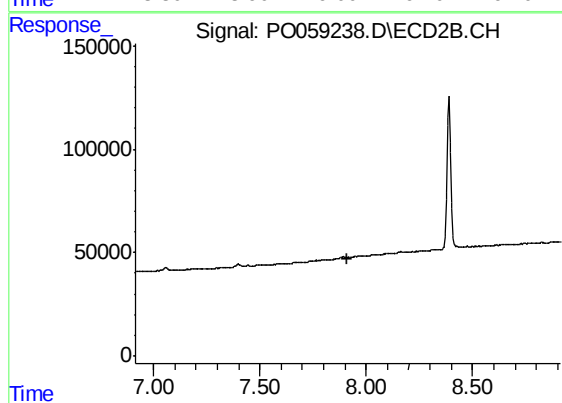
#39 AR-1262-4

R.T.: 7.398 min  
Delta R.T.: -0.024 min  
Response: 8989  
Conc: 2.12 ng/ml



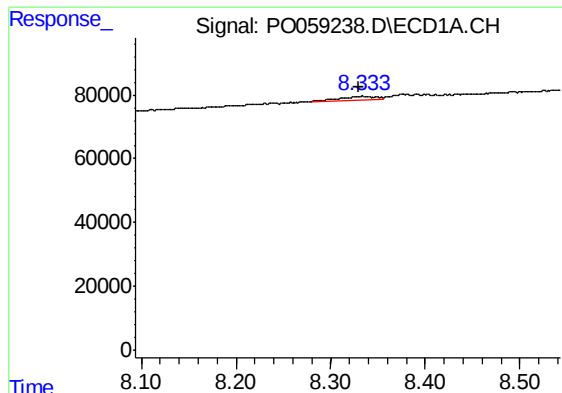
#40 AR-1262-5

R.T.: 9.003 min  
Delta R.T.: -0.010 min  
Response: 9216  
Conc: 4.01 ng/ml



#40 AR-1262-5

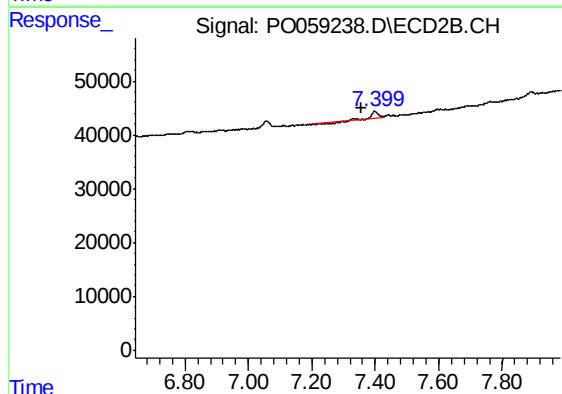
R.T.: 0.000 min  
Exp R.T. : 7.914 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

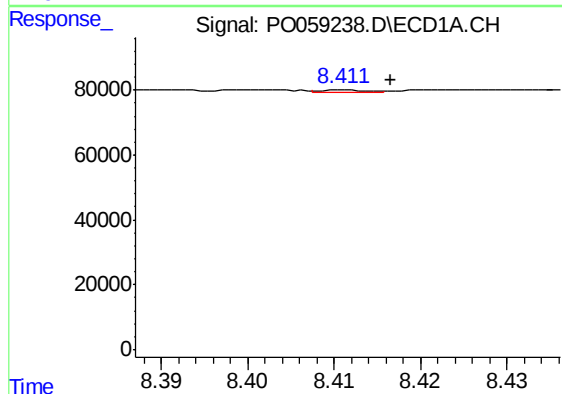
R.T.: 8.334 min  
Delta R.T.: 0.004 min  
Response: 27057  
Conc: 2.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



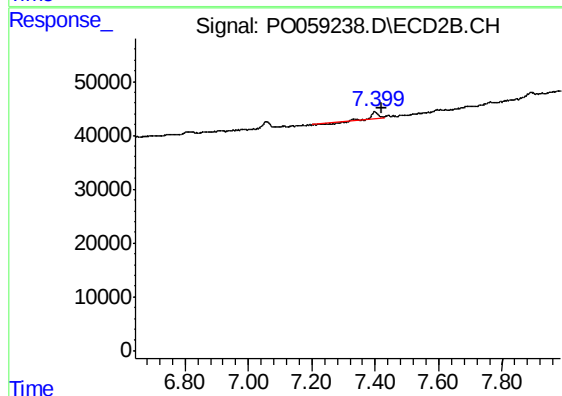
#41 AR-1268-1

R.T.: 7.398 min  
Delta R.T.: 0.041 min  
Response: 8989  
Conc: 1.10 ng/ml



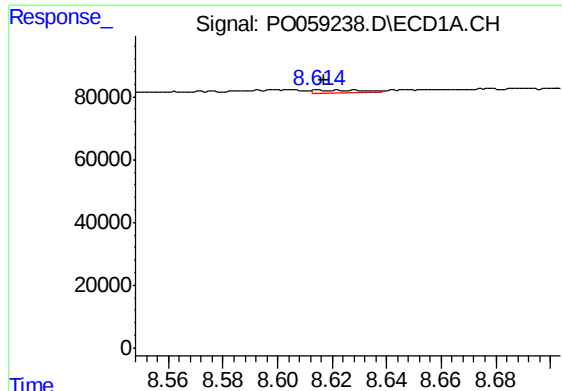
#42 AR-1268-2

R.T.: 8.411 min  
Delta R.T.: -0.006 min  
Response: 3614  
Conc: 0.38 ng/ml



#42 AR-1268-2

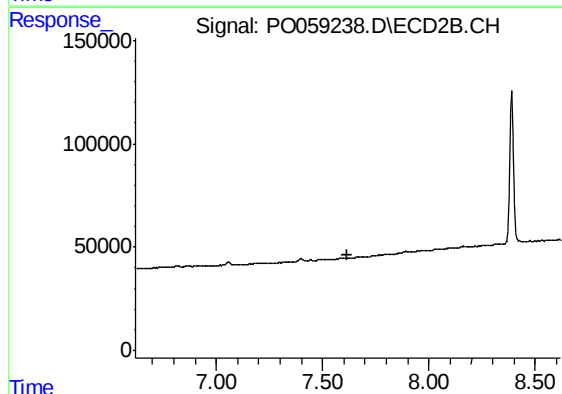
R.T.: 7.398 min  
Delta R.T.: -0.024 min  
Response: 8989  
Conc: 1.19 ng/ml



#43 AR-1268-3

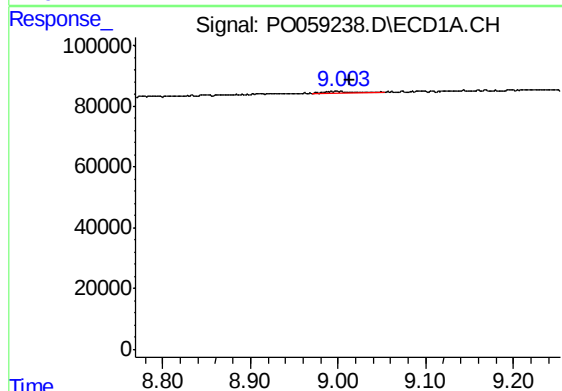
R.T.: 8.614 min  
Delta R.T.: -0.003 min  
Response: 12547  
Conc: 1.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



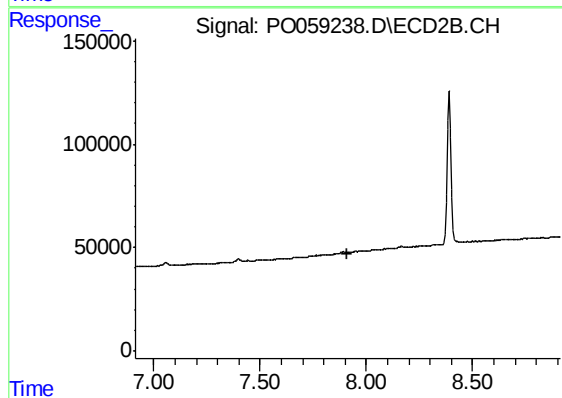
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 7.619 min  
Response: 0  
Conc: N.D.



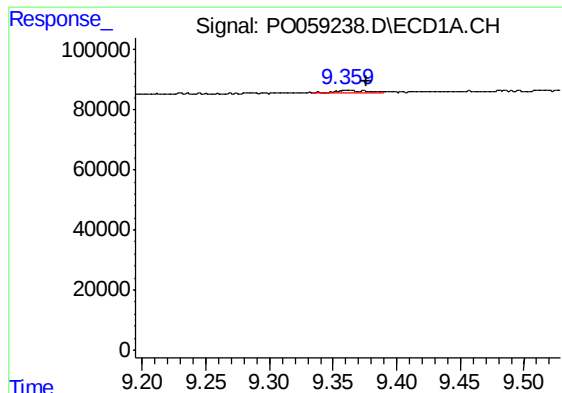
#44 AR-1268-4

R.T.: 9.003 min  
Delta R.T.: -0.010 min  
Response: 9216  
Conc: 3.08 ng/ml



#44 AR-1268-4

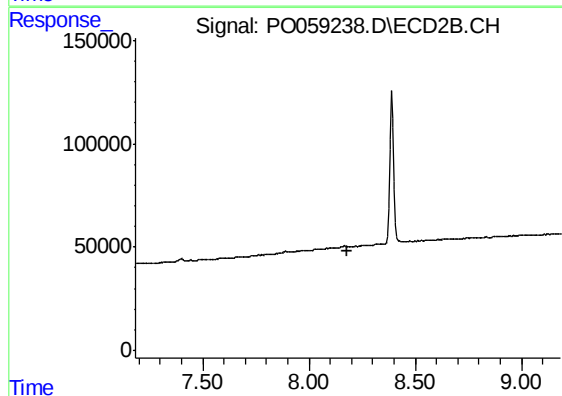
R.T.: 0.000 min  
Exp R.T. : 7.913 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.361 min  
Delta R.T.: -0.016 min  
Response: 16904  
Conc: 0.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.183 min  
Response: 0  
Conc: N.D.