

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0012920\  
 Data File : P0066038.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Jan 2020 19:59  
 Operator : DD\AJ  
 Sample : L1245-04  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 20200066-AMENDED-COMP-4

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 30 01:32:45 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0012320.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jan 24 03:54:38 2020  
 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... | 4.149 | 3.426 | 746039  | 1153886 | 32.174   | 43.442 #  |
| 2)                          | SA Decachlor... | 9.641 | 8.322 | 1079107 | 1616732 | 25.923   | 33.269 #  |
| Target Compounds            |                 |       |       |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.422 | 0       | 33540   | N.D.     | 26.181 #  |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.724 | 0       | 13346   | N.D.     | 13.754 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.724 | 0       | 13346   | N.D.     | 16.258 #  |
| 7)                          | L1 AR-1016-5    | 5.705 | 0.000 | 18468   | 0       | 21.621   | N.D. #    |
| 8)                          | L2 AR-1221-1    | 4.382 | 3.677 | 120182  | 49172   | 415.755  | 142.827 # |
| 9)                          | L2 AR-1221-2    | 4.464 | 3.677 | 144795  | 49172   | 656.423  | 193.503 # |
| 10)                         | L2 AR-1221-3    | 4.522 | 0.000 | 122001  | 0       | 170.055  | N.D. #    |
| 11)                         | L3 AR-1232-1    | 4.522 | 0.000 | 122001  | 0       | 224.647  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.724 | 0       | 13346   | N.D.     | 34.686 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.724 | 0       | 13346   | N.D.     | 37.901 #  |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.422 | 0       | 33540   | N.D.     | 36.134 #  |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.724 | 0       | 13346   | N.D.     | 18.134 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.724 | 0       | 13346   | N.D.     | 17.926 #  |
| 20)                         | L4 AR-1242-5    | 0.000 | 5.319 | 0       | 14043   | N.D.     | 12.685 #  |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.422 | 0       | 33540   | N.D.     | 47.012 #  |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.724 | 0       | 13346   | N.D.     | 13.167 #  |
| 23)                         | L5 AR-1248-3    | 5.705 | 4.724 | 18468   | 13346   | 17.898   | 12.984 #  |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.319 | 0       | 14043   | N.D.     | 10.061 #  |
| 26)                         | L6 AR-1254-1    | 6.092 | 5.319 | 47527   | 14043   | 35.807   | 6.280 #   |
| 27)                         | L6 AR-1254-2    | 6.366 | 0.000 | 636876  | 0       | 292.358  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 6.730 | 0.000 | 536335  | 0       | 220.558  | N.D. #    |
| 29)                         | L6 AR-1254-4    | 0.000 | 6.037 | 0       | 16716   | N.D.     | 7.298 #   |
| 30)                         | L6 AR-1254-5    | 7.426 | 0.000 | 2013804 | 0       | 938.566  | N.D. #    |
| 31)                         | L7 AR-1260-1    | 6.873 | 5.943 | 251182  | 21676   | 129.639  | 8.949 #   |
| 32)                         | L7 AR-1260-2    | 7.105 | 0.000 | 2732798 | 0       | 1042.131 | N.D. #    |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.301 | 0       | 33677   | N.D.     | 12.179 #  |
| 34)                         | L7 AR-1260-4    | 7.773 | 0.000 | 3656310 | 0       | 1649.456 | N.D. #    |
| 38)                         | L8 AR-1262-3    | 8.322 | 7.269 | 599712  | 35301   | 170.825  | 13.784 #  |
| 39)                         | L8 AR-1262-4    | 8.453 | 7.352 | 929248  | 39359   | 339.895  | 8.370 #   |
| 40)                         | L8 AR-1262-5    | 8.994 | 0.000 | 2811122 | 0       | 1490.679 | N.D. #    |
| 41)                         | L9 AR-1268-1    | 8.322 | 7.269 | 599712  | 35301   | 91.486   | 4.531 #   |
| 42)                         | L9 AR-1268-2    | 8.453 | 7.352 | 929248  | 39359   | 157.507  | 5.434 #   |
| 43)                         | L9 AR-1268-3    | 8.604 | 7.534 | 620514  | 11437   | 123.144  | 1.911 #   |
| 44)                         | L9 AR-1268-4    | 8.994 | 0.000 | 2811122 | 0       | 1326.720 | N.D. #    |
| 45)                         | L9 AR-1268-5    | 9.347 | 8.094 | 428050  | 13116   | 28.563   | 0.726 #   |
| -----                       |                 |       |       |         |         |          |           |

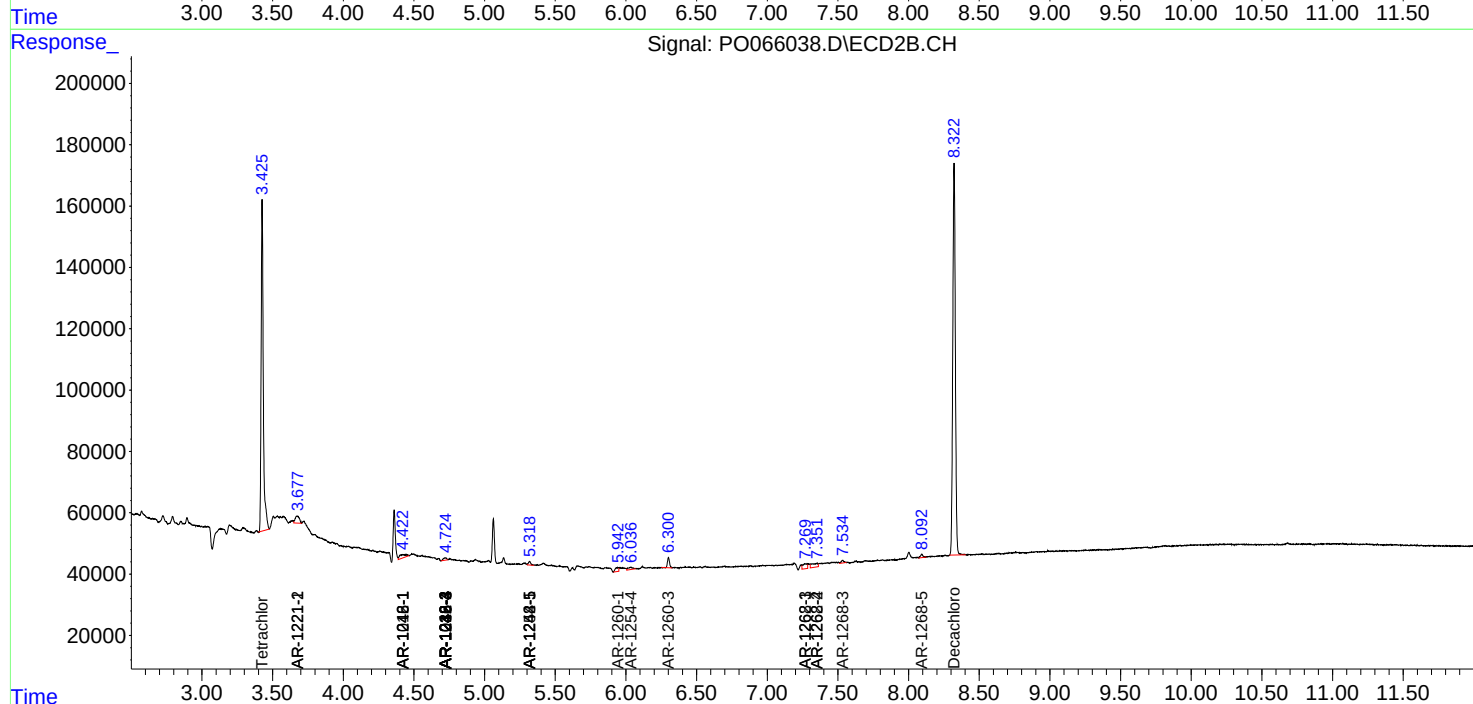
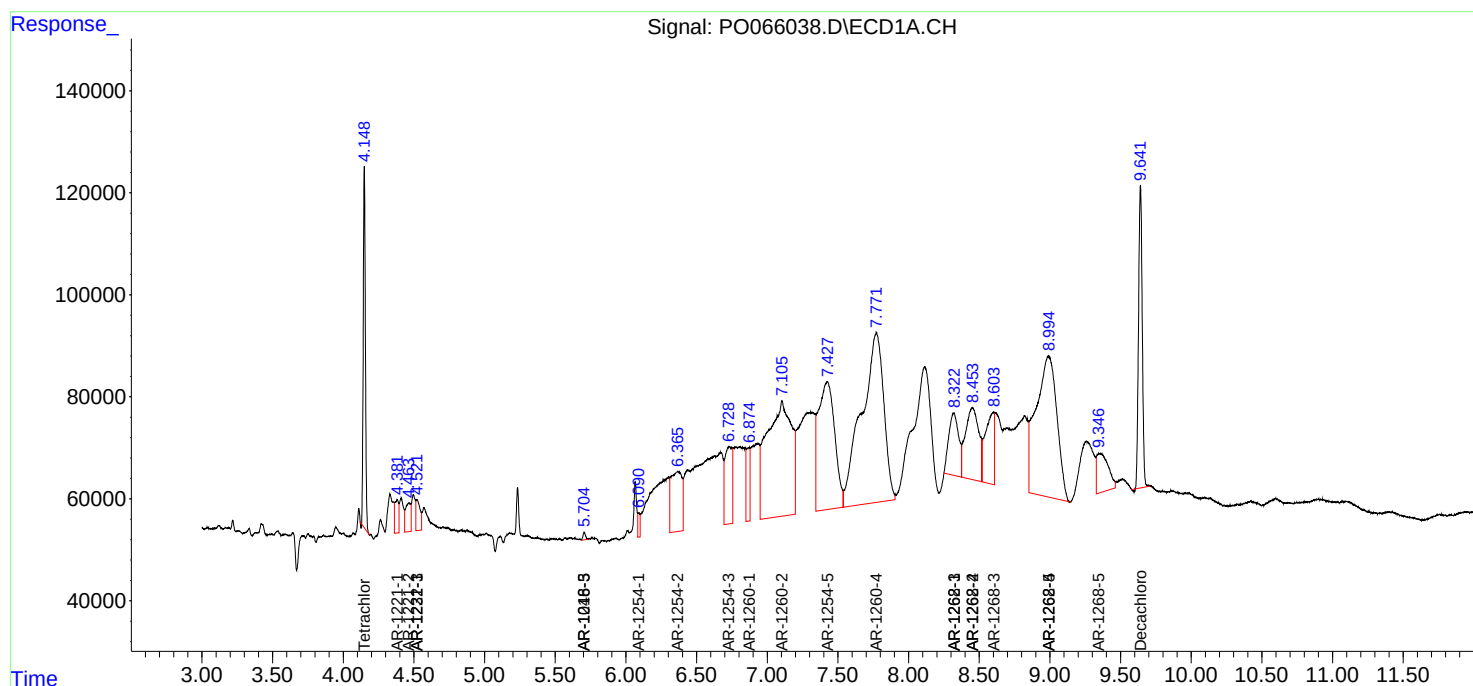
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

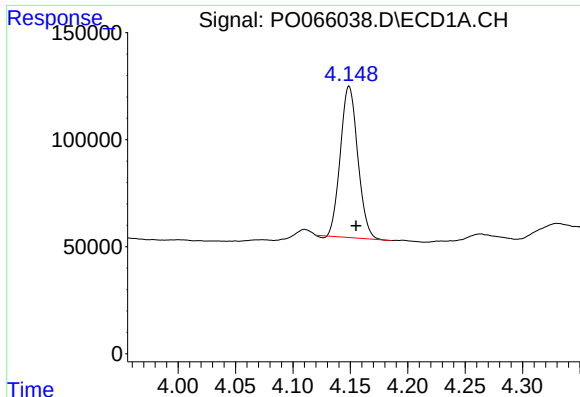
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0012920\  
Data File : P0066038.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 29 Jan 2020 19:59  
Operator : DD\AJ  
Sample : L1245-04  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
20200066-AMENDED-COMP-4

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 30 01:32:45 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0012320.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jan 24 03:54:38 2020  
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

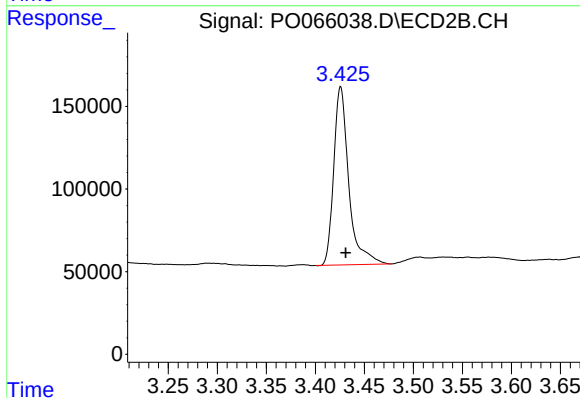




#1 Tetrachloro-m-xylene

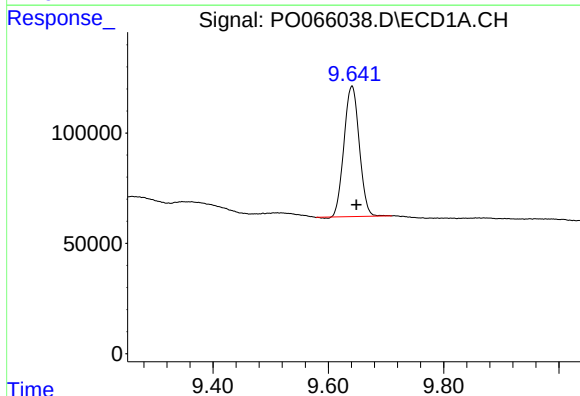
R.T.: 4.149 min  
Delta R.T.: -0.006 min  
Response: 746039  
Conc: 32.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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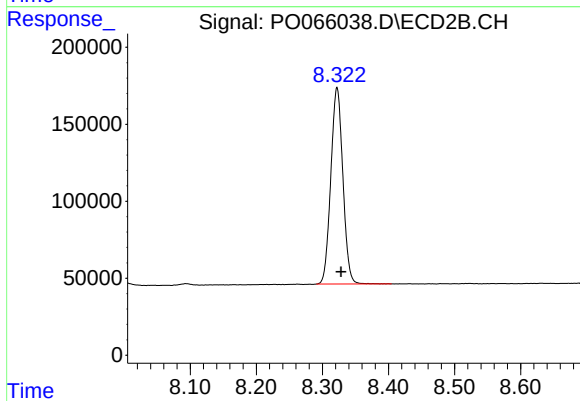
#1 Tetrachloro-m-xylene

R.T.: 3.426 min  
Delta R.T.: -0.005 min  
Response: 1153886  
Conc: 43.44 ng/ml



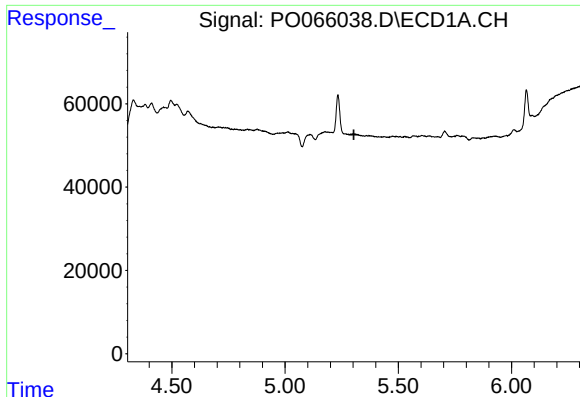
#2 Decachlorobiphenyl

R.T.: 9.641 min  
Delta R.T.: -0.008 min  
Response: 1079107  
Conc: 25.92 ng/ml



#2 Decachlorobiphenyl

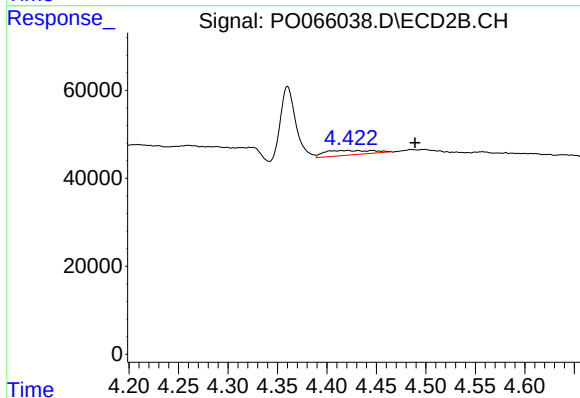
R.T.: 8.322 min  
Delta R.T.: -0.006 min  
Response: 1616732  
Conc: 33.27 ng/ml



#3 AR-1016-1

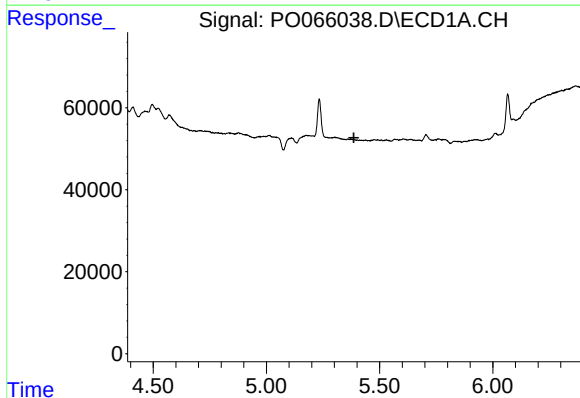
R.T.: 0.000 min  
Exp R.T.: 5.304 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20200066-AMENDED-COMP-4



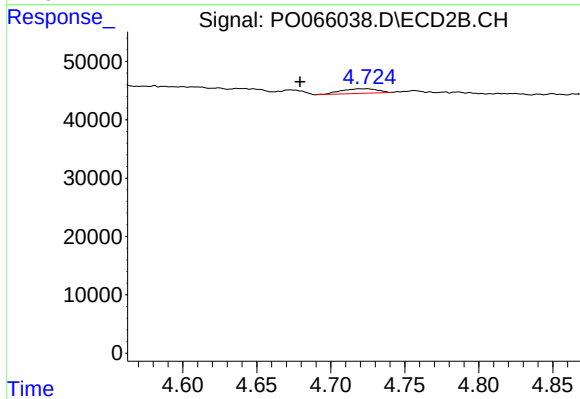
#3 AR-1016-1

R.T.: 4.422 min  
Delta R.T.: -0.068 min  
Response: 33540  
Conc: 26.18 ng/ml



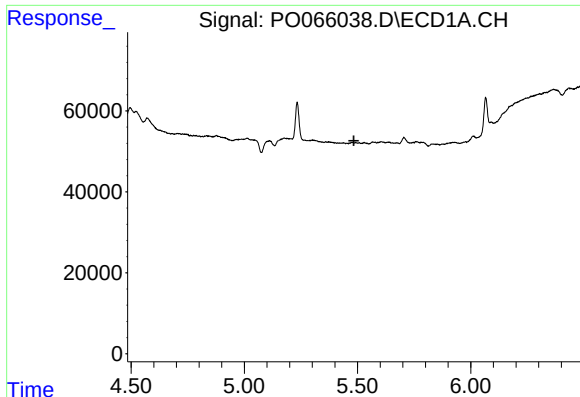
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.386 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

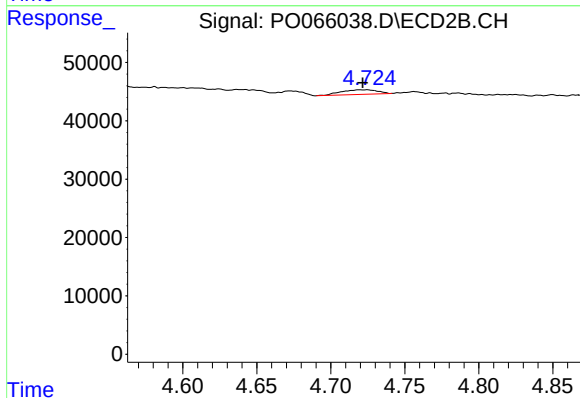
R.T.: 4.724 min  
Delta R.T.: 0.045 min  
Response: 13346  
Conc: 13.75 ng/ml



#6 AR-1016-4

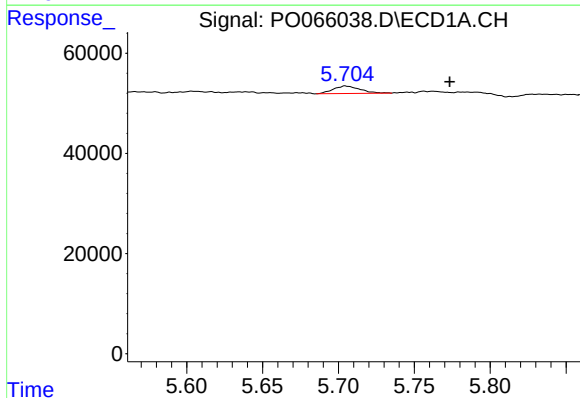
R.T.: 0.000 min  
Exp R.T.: 5.484 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20200066-AMENDED-COMP-4



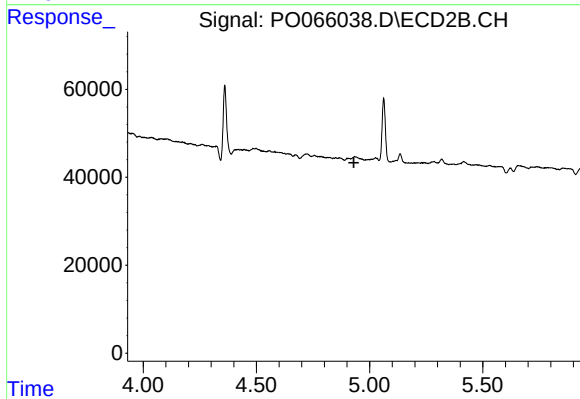
#6 AR-1016-4

R.T.: 4.724 min  
Delta R.T.: 0.003 min  
Response: 13346  
Conc: 16.26 ng/ml



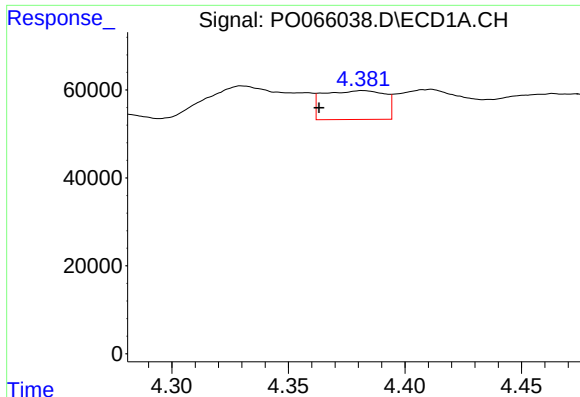
#7 AR-1016-5

R.T.: 5.705 min  
Delta R.T.: -0.068 min  
Response: 18468  
Conc: 21.62 ng/ml



#7 AR-1016-5

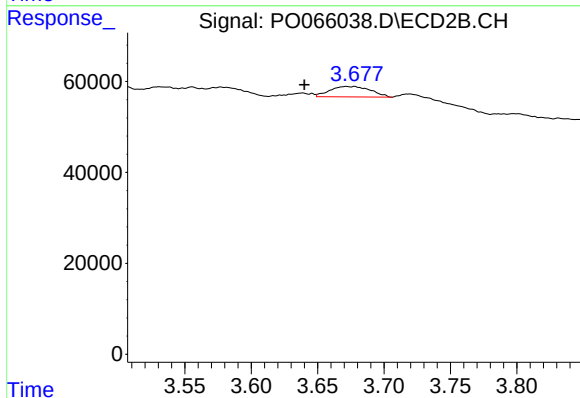
R.T.: 0.000 min  
Exp R.T.: 4.930 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

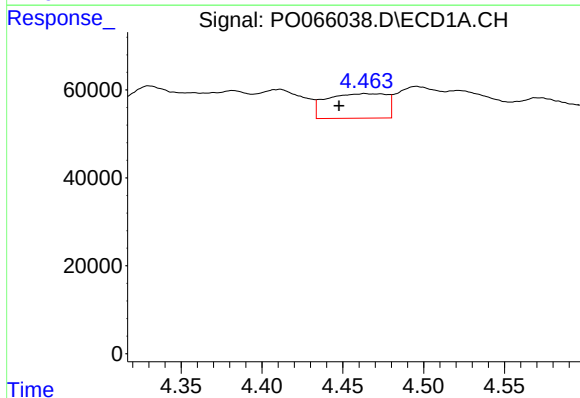
R.T.: 4.382 min  
Delta R.T.: 0.019 min  
Response: 120182  
Conc: 415.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
20200066-AMENDED-COMP-4



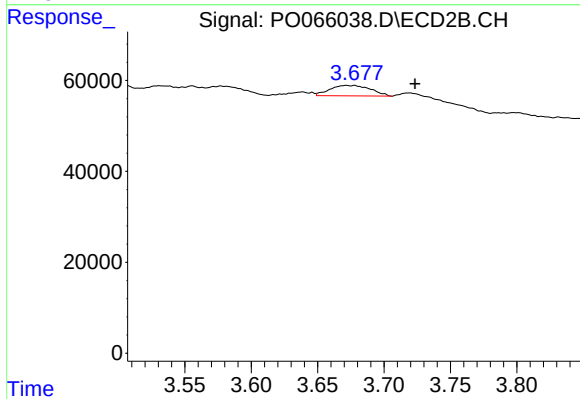
#8 AR-1221-1

R.T.: 3.677 min  
Delta R.T.: 0.037 min  
Response: 49172  
Conc: 142.83 ng/ml



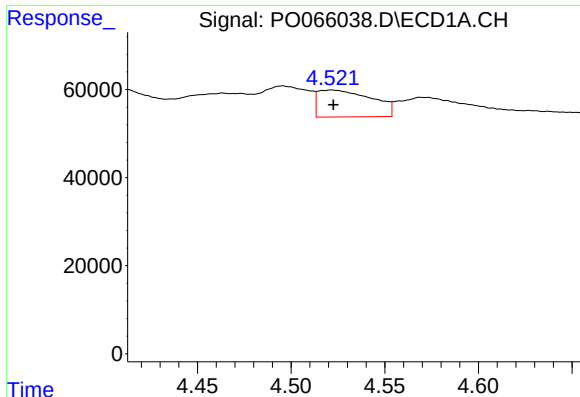
#9 AR-1221-2

R.T.: 4.464 min  
Delta R.T.: 0.016 min  
Response: 144795  
Conc: 656.42 ng/ml



#9 AR-1221-2

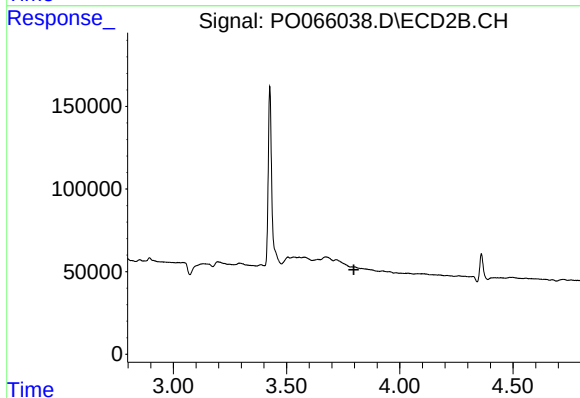
R.T.: 3.677 min  
Delta R.T.: -0.046 min  
Response: 49172  
Conc: 193.50 ng/ml



#10 AR-1221-3

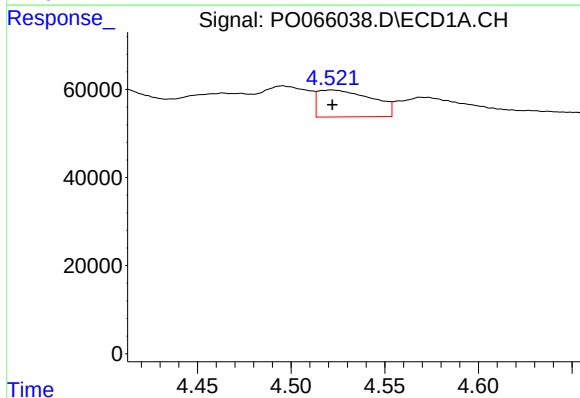
R.T.: 4.522 min  
Delta R.T.: -0.001 min  
Response: 122001  
Conc: 170.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
20200066-AMENDED-COMP-4



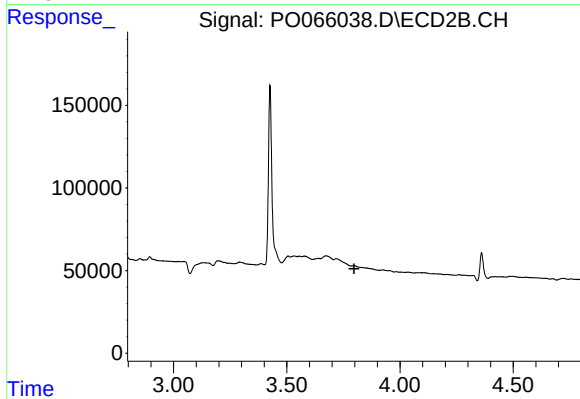
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 3.797 min  
Response: 0  
Conc: N.D.



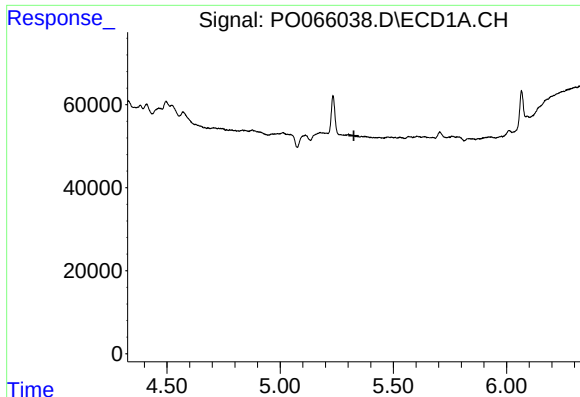
#11 AR-1232-1

R.T.: 4.522 min  
Delta R.T.: 0.000 min  
Response: 122001  
Conc: 224.65 ng/ml



#11 AR-1232-1

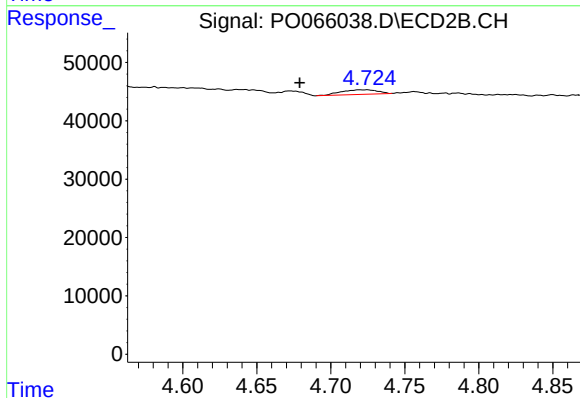
R.T.: 0.000 min  
Exp R.T. : 3.797 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

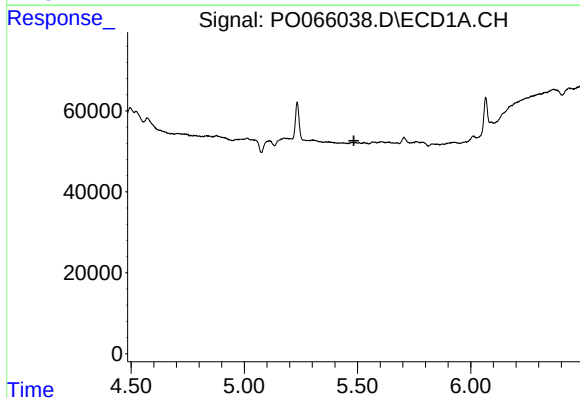
R.T.: 0.000 min  
Exp R.T.: 5.325 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20200066-AMENDED-COMP-4



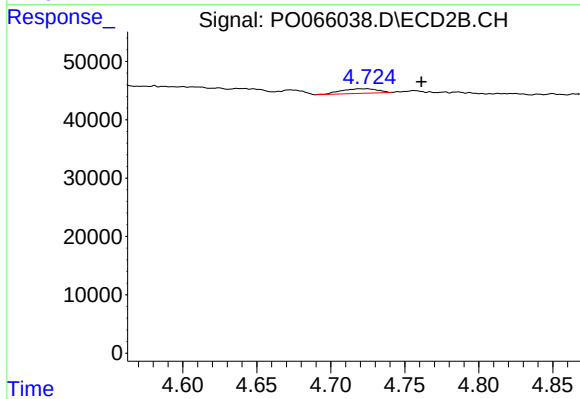
#13 AR-1232-3

R.T.: 4.724 min  
Delta R.T.: 0.045 min  
Response: 13346  
Conc: 34.69 ng/ml



#14 AR-1232-4

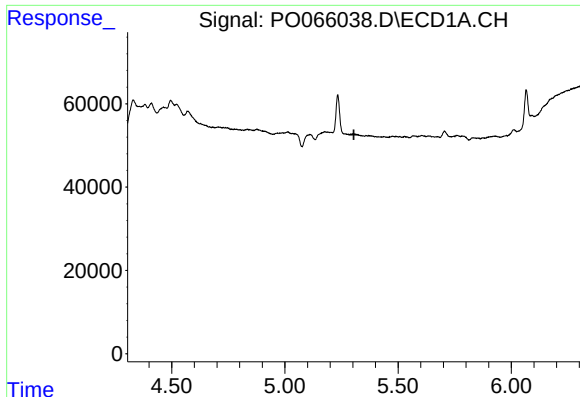
R.T.: 0.000 min  
Exp R.T.: 5.484 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

R.T.: 4.724 min  
Delta R.T.: -0.037 min  
Response: 13346  
Conc: 37.90 ng/ml

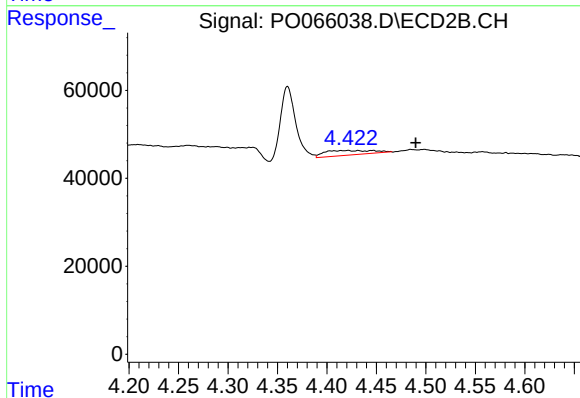




#16 AR-1242-1

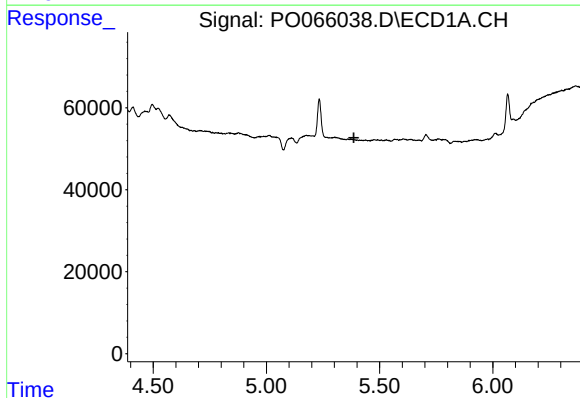
R.T.: 0.000 min  
Exp R.T.: 5.304 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20200066-AMENDED-COMP-4



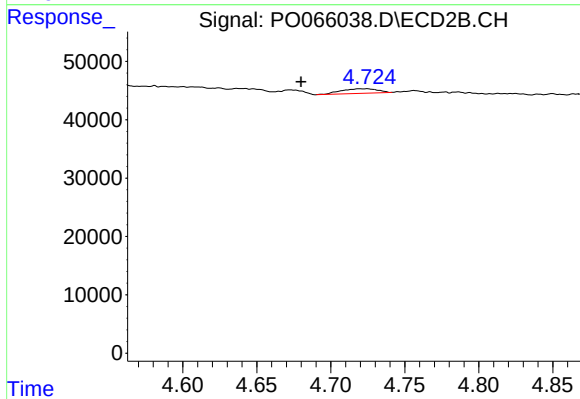
#16 AR-1242-1

R.T.: 4.422 min  
Delta R.T.: -0.068 min  
Response: 33540  
Conc: 36.13 ng/ml



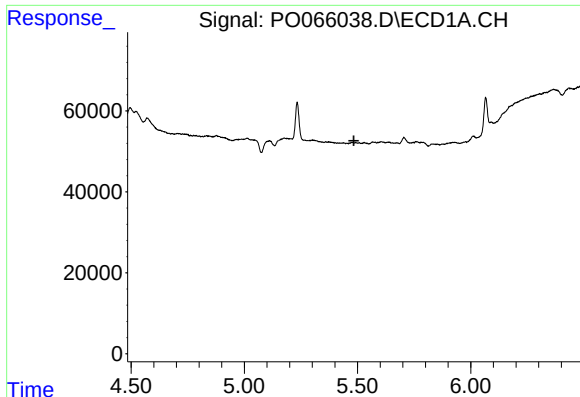
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.386 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

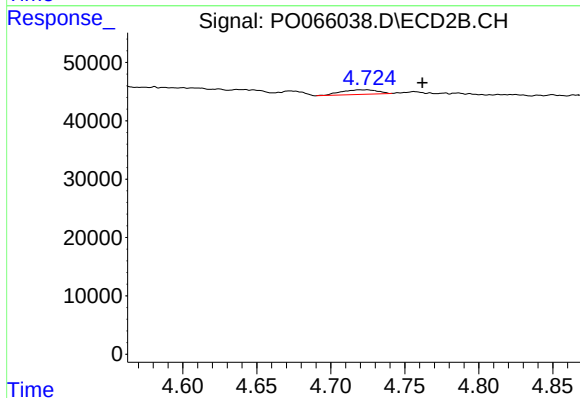
R.T.: 4.724 min  
Delta R.T.: 0.044 min  
Response: 13346  
Conc: 18.13 ng/ml



#19 AR-1242-4

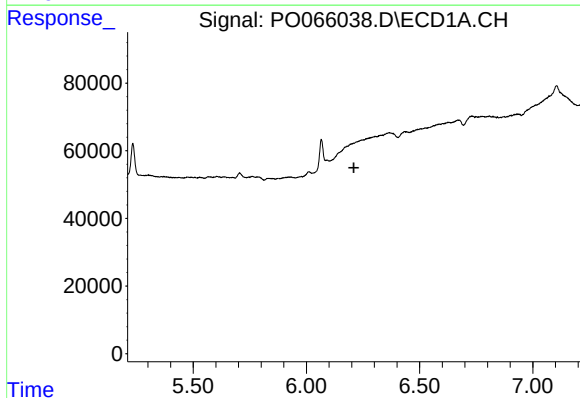
R.T.: 0.000 min  
Exp R.T.: 5.484 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20200066-AMENDED-COMP-4



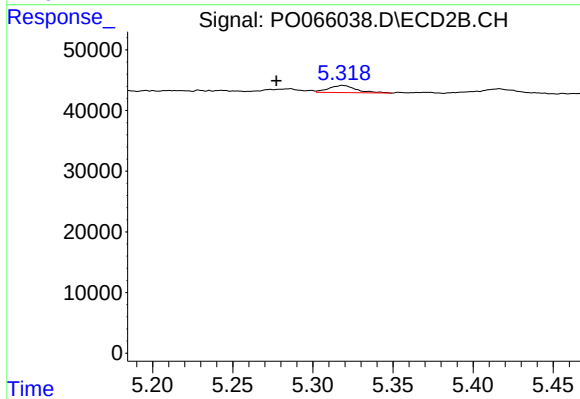
#19 AR-1242-4

R.T.: 4.724 min  
Delta R.T.: -0.038 min  
Response: 13346  
Conc: 17.93 ng/ml



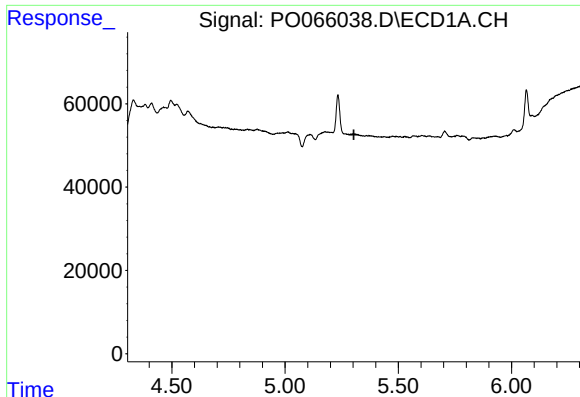
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.210 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

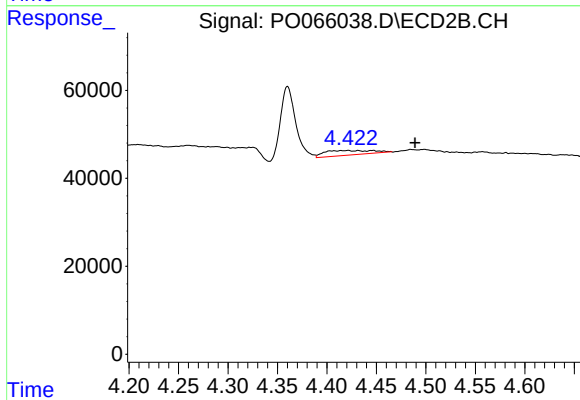
R.T.: 5.319 min  
Delta R.T.: 0.042 min  
Response: 14043  
Conc: 12.69 ng/ml



#21 AR-1248-1

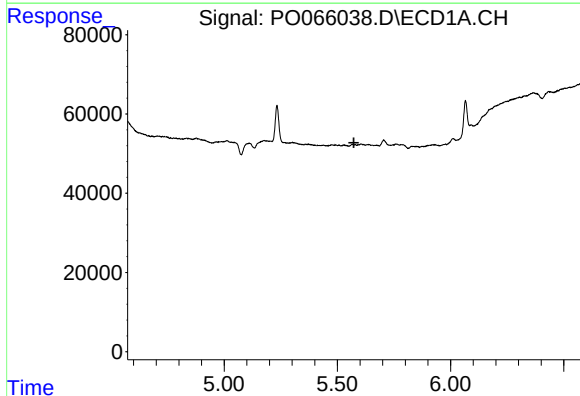
R.T.: 0.000 min  
Exp R.T.: 5.304 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
20200066-AMENDED-COMP-4



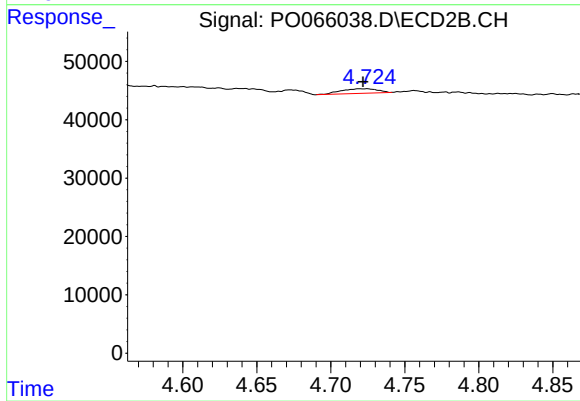
#21 AR-1248-1

R.T.: 4.422 min  
Delta R.T.: -0.068 min  
Response: 33540  
Conc: 47.01 ng/ml



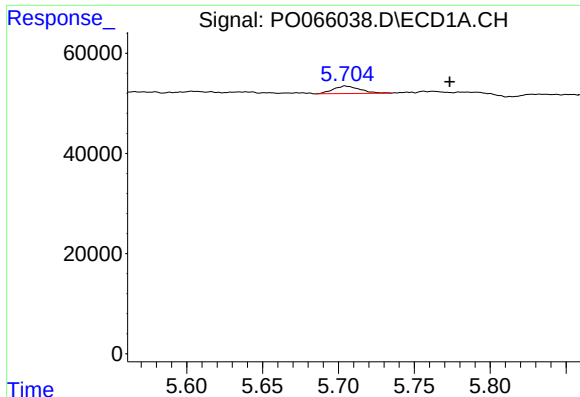
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.573 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

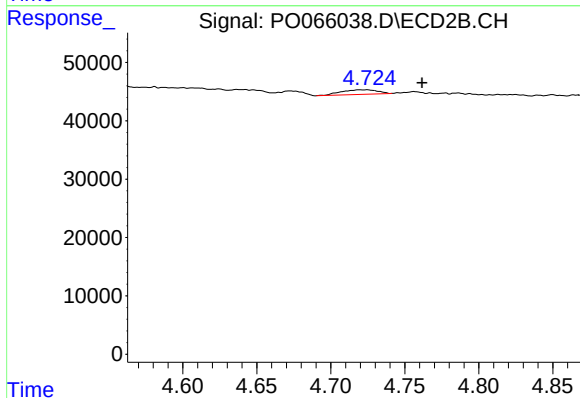
R.T.: 4.724 min  
Delta R.T.: 0.002 min  
Response: 13346  
Conc: 13.17 ng/ml



#23 AR-1248-3

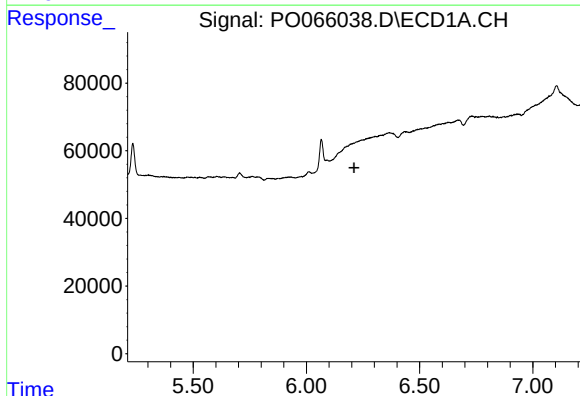
R.T.: 5.705 min  
Delta R.T.: -0.068 min  
Response: 18468  
Conc: 17.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
20200066-AMENDED-COMP-4



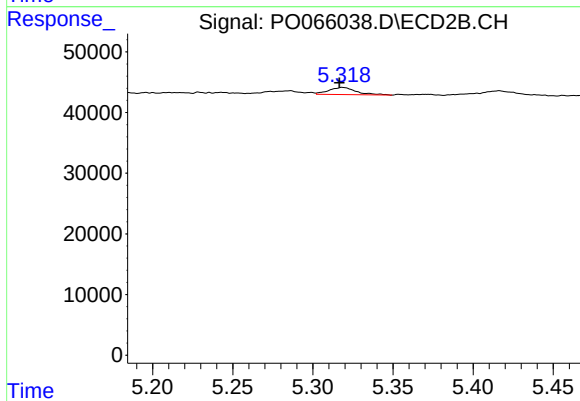
#23 AR-1248-3

R.T.: 4.724 min  
Delta R.T.: -0.038 min  
Response: 13346  
Conc: 12.98 ng/ml



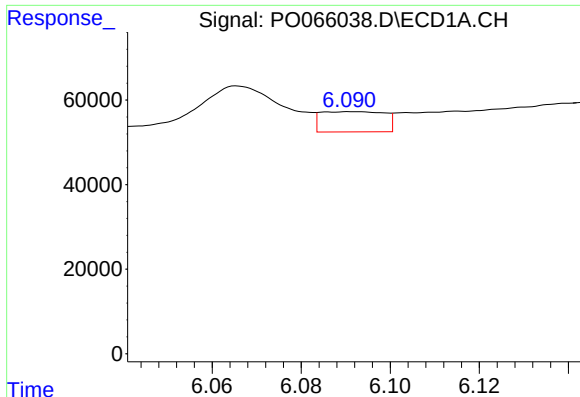
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.210 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

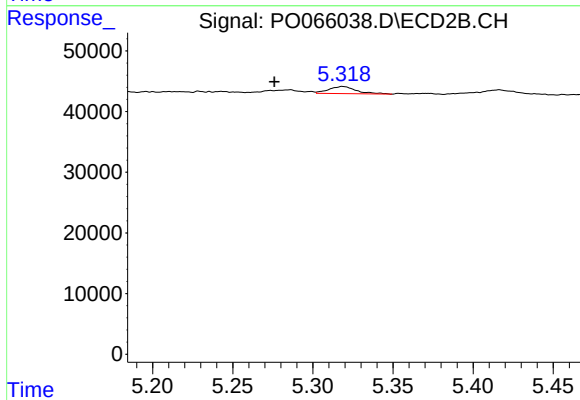
R.T.: 5.319 min  
Delta R.T.: 0.002 min  
Response: 14043  
Conc: 10.06 ng/ml



#26 AR-1254-1

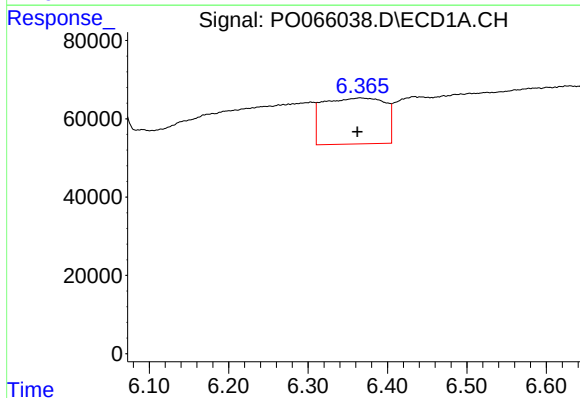
R.T.: 6.092 min  
Delta R.T.: -0.054 min  
Response: 47527  
Conc: 35.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
20200066-AMENDED-COMP-4



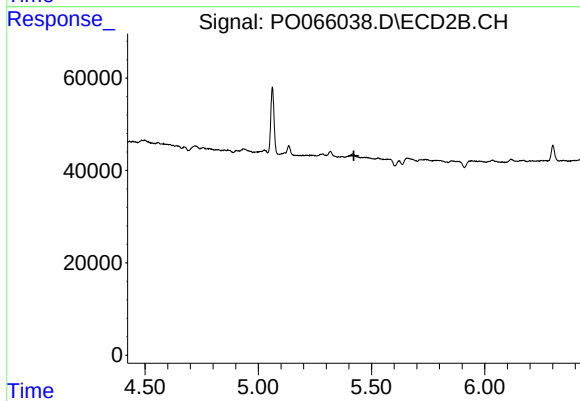
#26 AR-1254-1

R.T.: 5.319 min  
Delta R.T.: 0.043 min  
Response: 14043  
Conc: 6.28 ng/ml



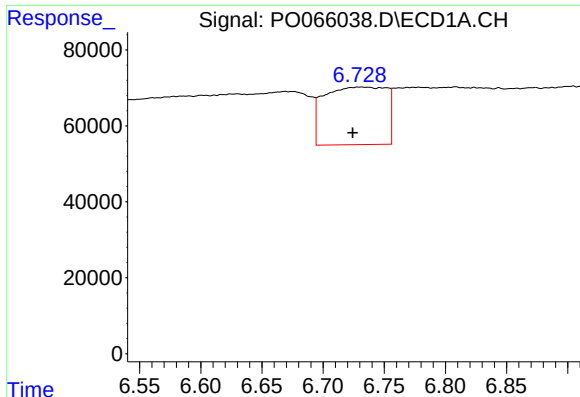
#27 AR-1254-2

R.T.: 6.366 min  
Delta R.T.: 0.003 min  
Response: 636876  
Conc: 292.36 ng/ml



#27 AR-1254-2

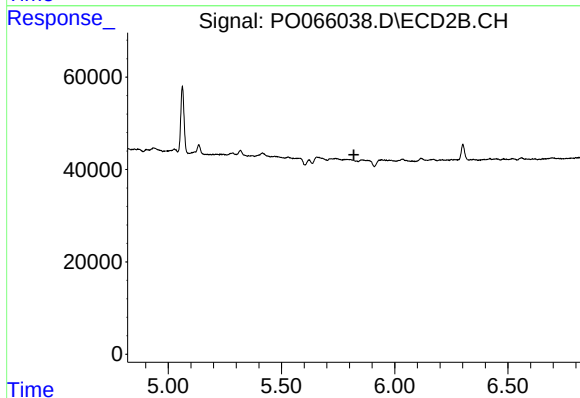
R.T.: 0.000 min  
Exp R.T.: 5.422 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

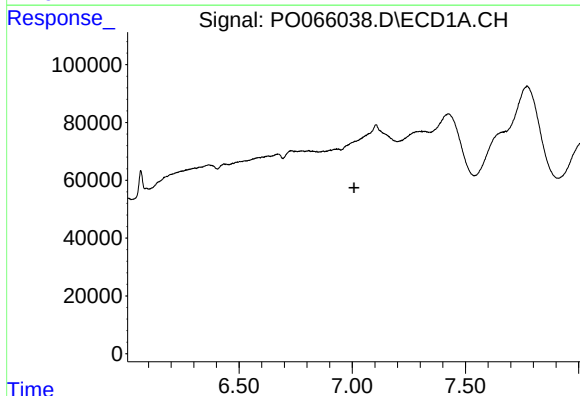
R.T.: 6.730 min  
Delta R.T.: 0.006 min  
Response: 536335  
Conc: 220.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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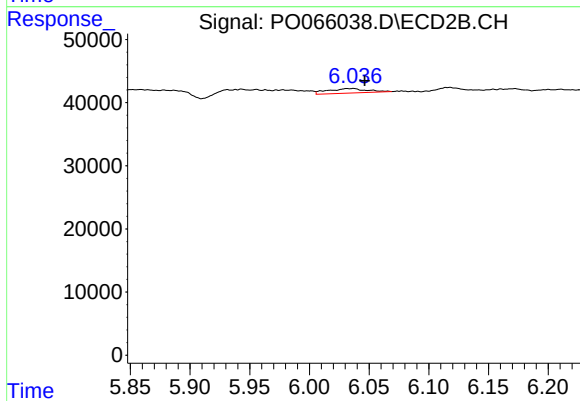
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.820 min  
Response: 0  
Conc: N.D.



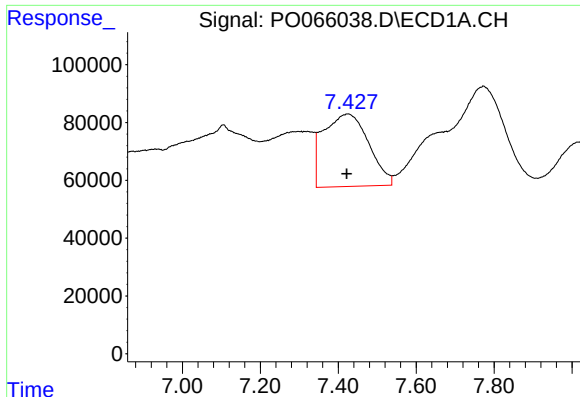
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.008 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

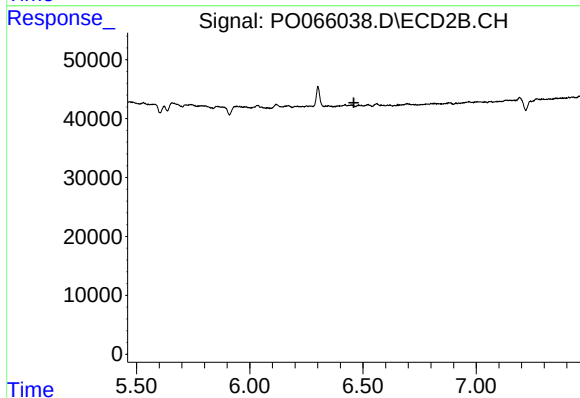
R.T.: 6.037 min  
Delta R.T.: -0.010 min  
Response: 16716  
Conc: 7.30 ng/ml



#30 AR-1254-5

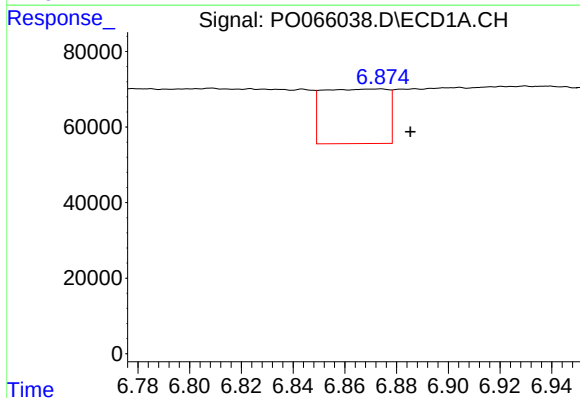
R.T.: 7.426 min  
Delta R.T.: 0.004 min  
Response: 2013804  
Conc: 938.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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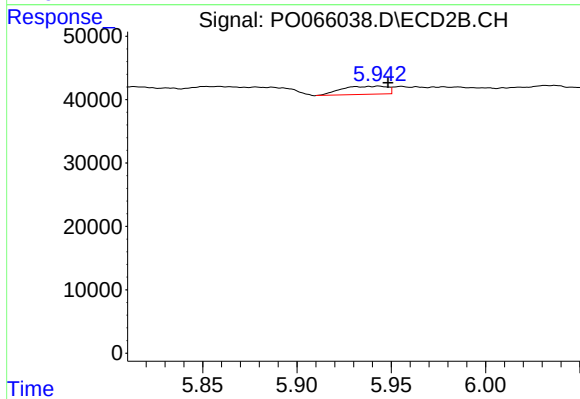
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 6.459 min  
Response: 0  
Conc: N.D.



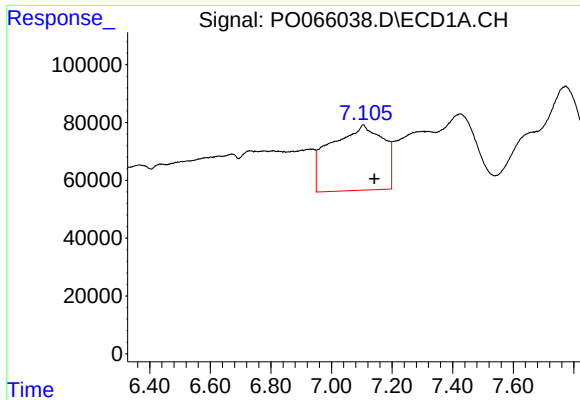
#31 AR-1260-1

R.T.: 6.873 min  
Delta R.T.: -0.012 min  
Response: 251182  
Conc: 129.64 ng/ml



#31 AR-1260-1

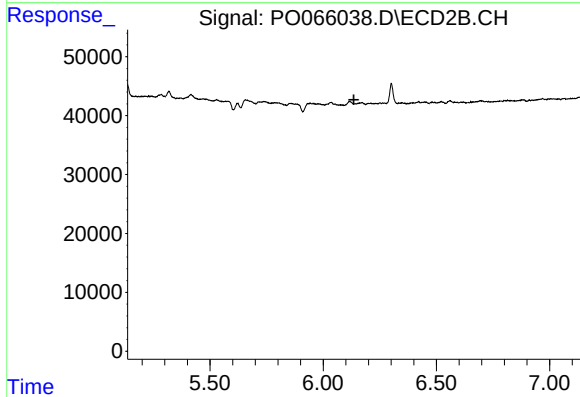
R.T.: 5.943 min  
Delta R.T.: -0.005 min  
Response: 21676  
Conc: 8.95 ng/ml



#32 AR-1260-2

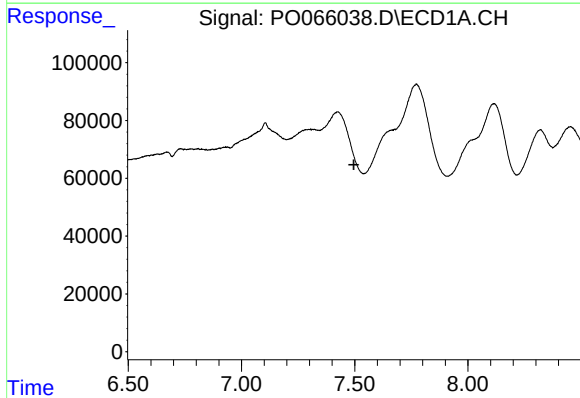
R.T.: 7.105 min  
Delta R.T.: -0.036 min  
Response: 2732798  
Conc: 1042.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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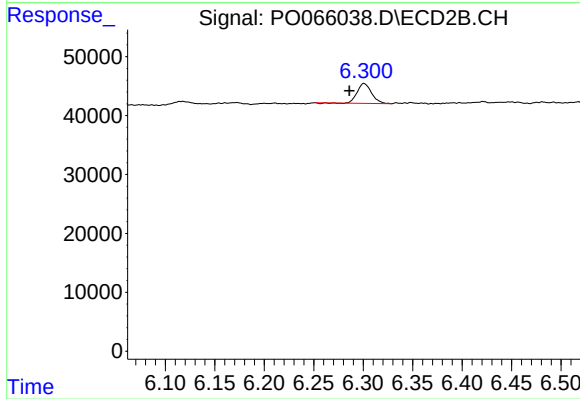
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 6.136 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

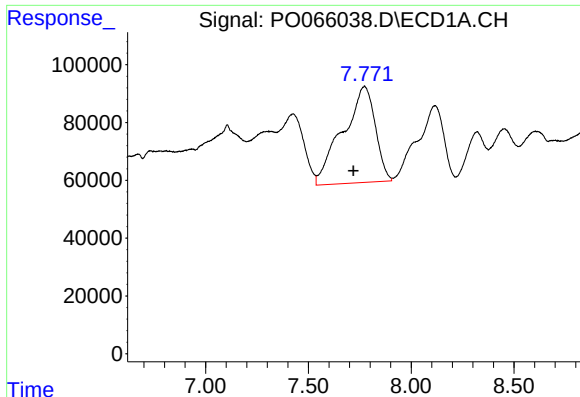
R.T.: 0.000 min  
Exp R.T. : 7.497 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

R.T.: 6.301 min  
Delta R.T.: 0.015 min  
Response: 33677  
Conc: 12.18 ng/ml

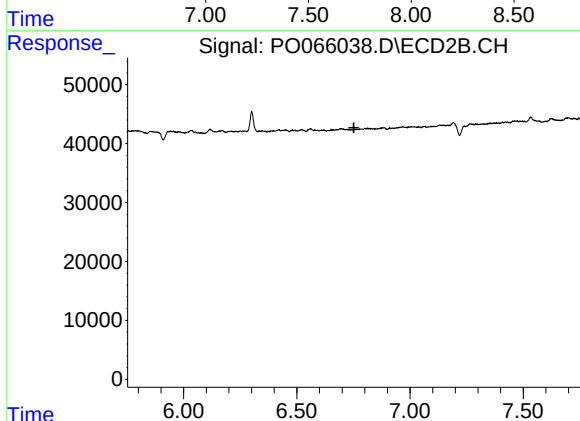




#34 AR-1260-4

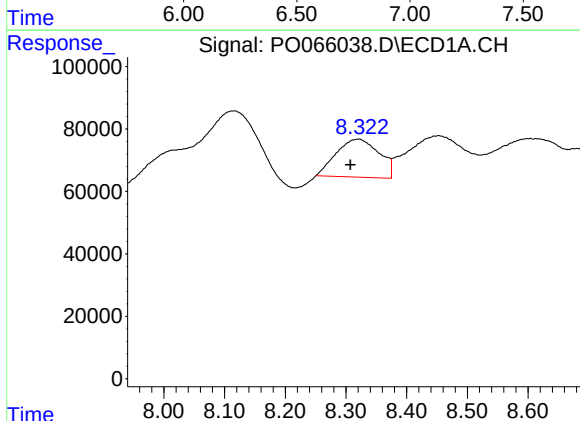
R.T.: 7.773 min  
Delta R.T.: 0.053 min  
Response: 3656310  
Conc: 1649.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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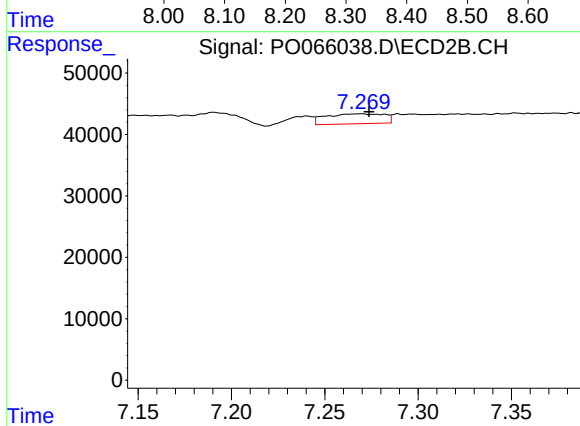
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.752 min  
Response: 0  
Conc: N.D.



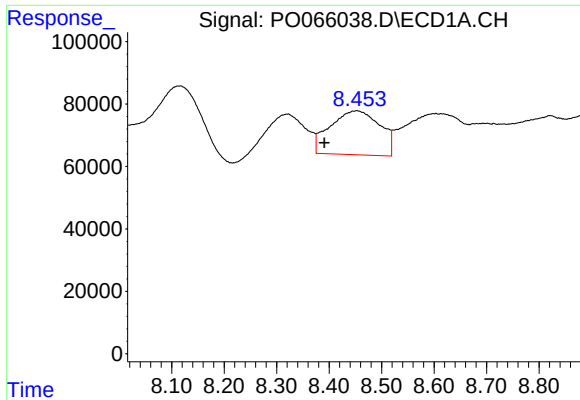
#38 AR-1262-3

R.T.: 8.322 min  
Delta R.T.: 0.014 min  
Response: 599712  
Conc: 170.83 ng/ml



#38 AR-1262-3

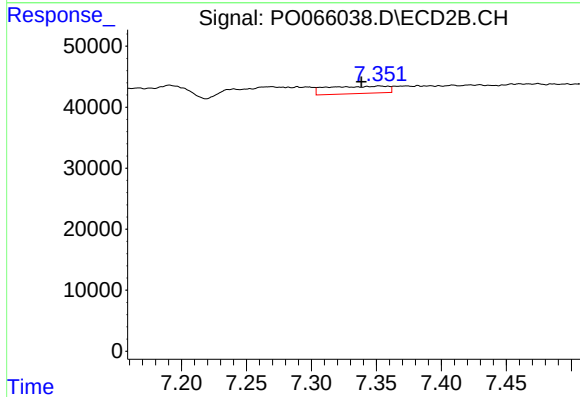
R.T.: 7.269 min  
Delta R.T.: -0.005 min  
Response: 35301  
Conc: 13.78 ng/ml



#39 AR-1262-4

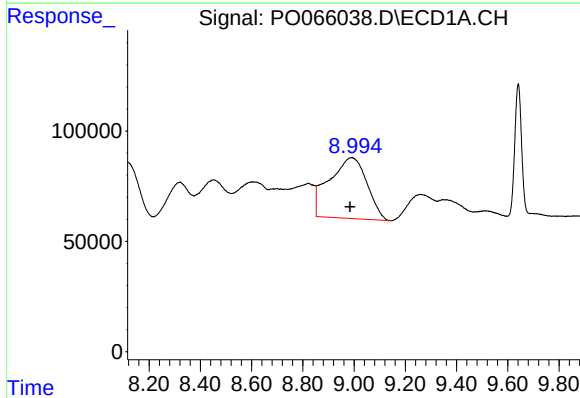
R.T.: 8.453 min  
Delta R.T.: 0.062 min  
Response: 929248  
Conc: 339.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
20200066-AMENDED-COMP-4



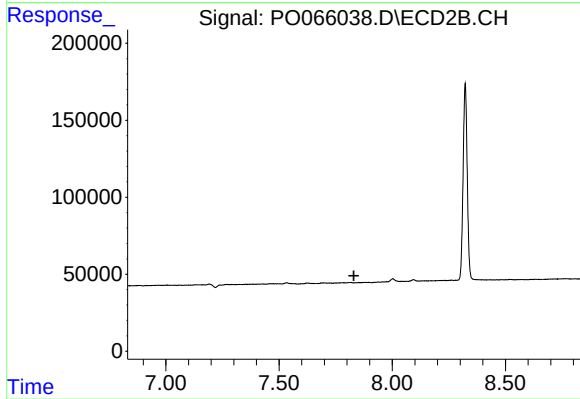
#39 AR-1262-4

R.T.: 7.352 min  
Delta R.T.: 0.014 min  
Response: 39359  
Conc: 8.37 ng/ml



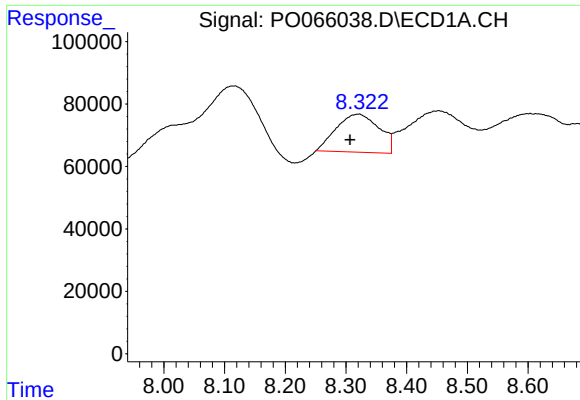
#40 AR-1262-5

R.T.: 8.994 min  
Delta R.T.: 0.009 min  
Response: 2811122  
Conc: 1490.68 ng/ml



#40 AR-1262-5

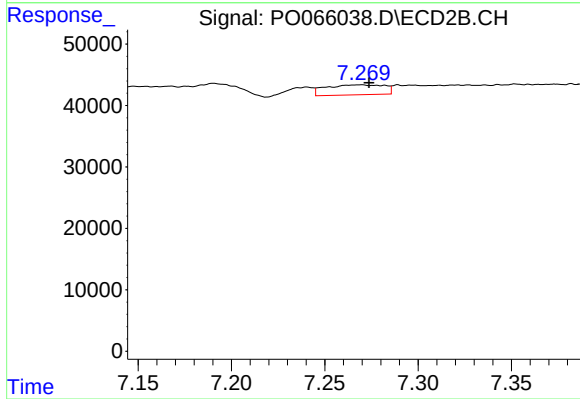
R.T.: 0.000 min  
Exp R.T.: 7.830 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

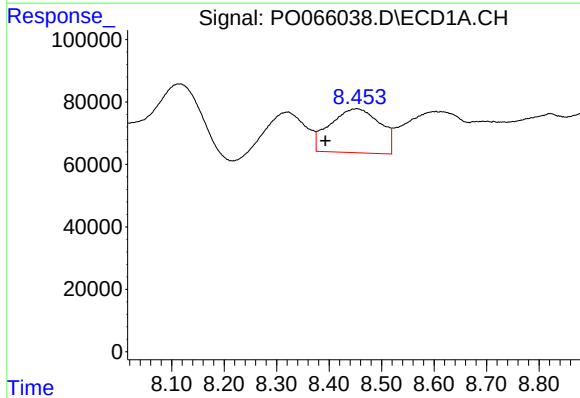
R.T.: 8.322 min  
Delta R.T.: 0.015 min  
Response: 599712  
Conc: 91.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
20200066-AMENDED-COMP-4



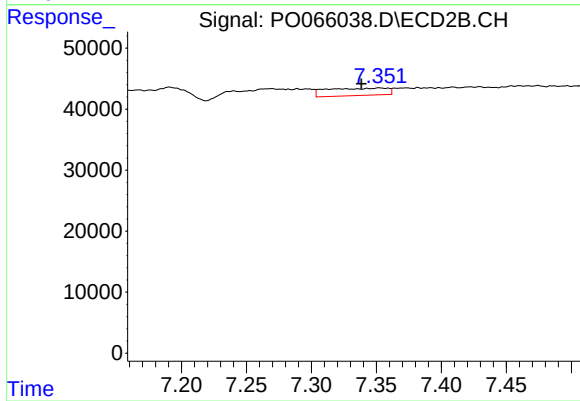
#41 AR-1268-1

R.T.: 7.269 min  
Delta R.T.: -0.004 min  
Response: 35301  
Conc: 4.53 ng/ml



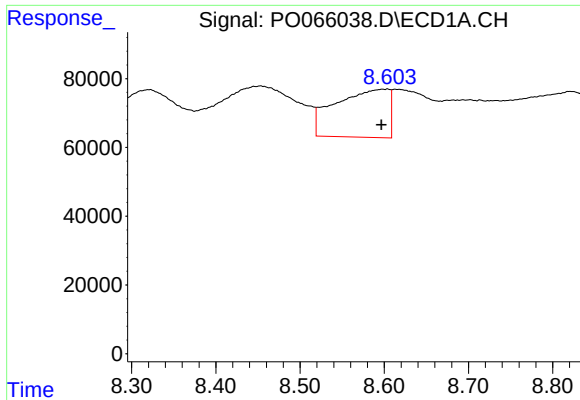
#42 AR-1268-2

R.T.: 8.453 min  
Delta R.T.: 0.060 min  
Response: 929248  
Conc: 157.51 ng/ml



#42 AR-1268-2

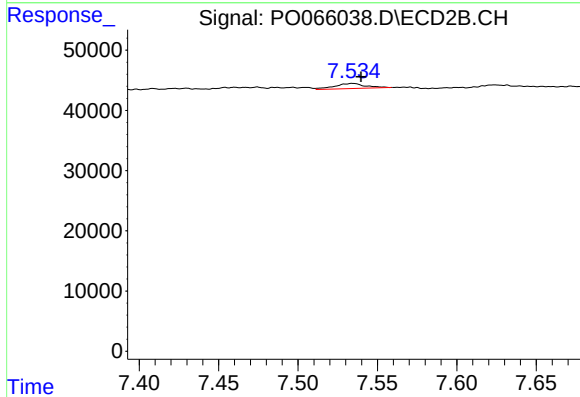
R.T.: 7.352 min  
Delta R.T.: 0.014 min  
Response: 39359  
Conc: 5.43 ng/ml



#43 AR-1268-3

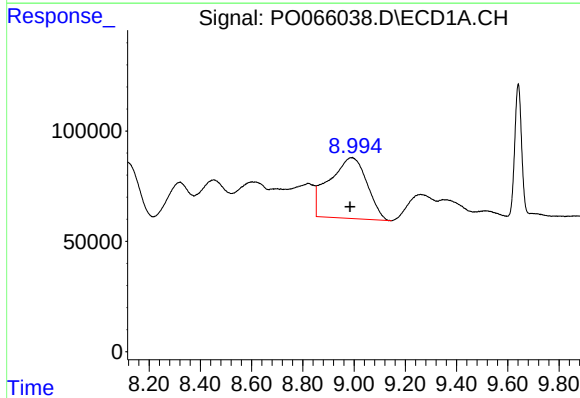
R.T.: 8.604 min  
Delta R.T.: 0.007 min  
Response: 620514  
Conc: 123.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
20200066-AMENDED-COMP-4



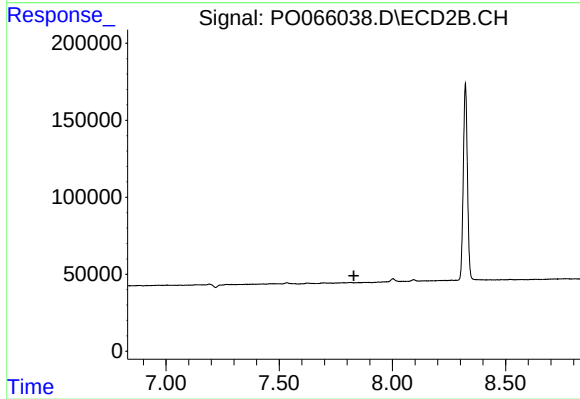
#43 AR-1268-3

R.T.: 7.534 min  
Delta R.T.: -0.005 min  
Response: 11437  
Conc: 1.91 ng/ml



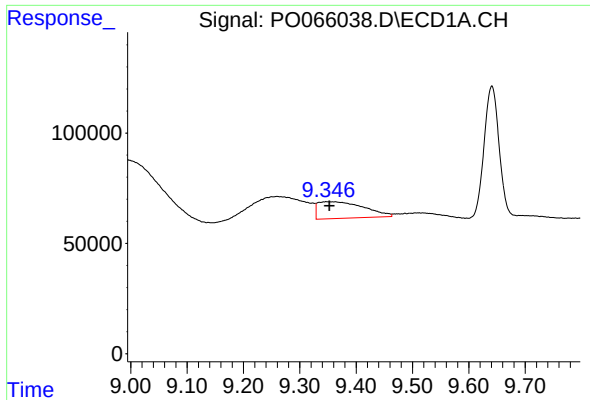
#44 AR-1268-4

R.T.: 8.994 min  
Delta R.T.: 0.009 min  
Response: 2811122  
Conc: 1326.72 ng/ml



#44 AR-1268-4

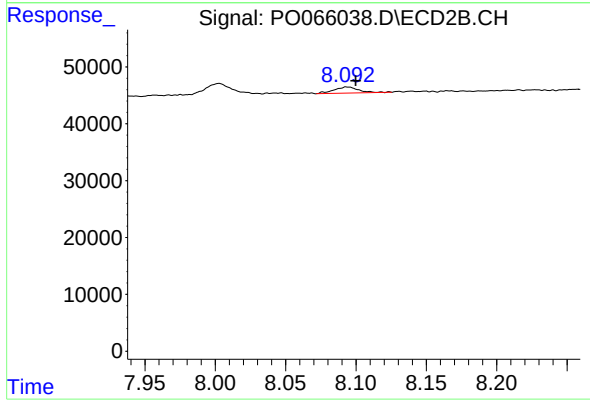
R.T.: 0.000 min  
Exp R.T.: 7.830 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.347 min  
Delta R.T.: -0.006 min  
Response: 428050  
Conc: 28.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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#45 AR-1268-5

R.T.: 8.094 min  
Delta R.T.: -0.006 min  
Response: 13116  
Conc: 0.73 ng/ml