

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0060719\  
 Data File : P0056986.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 07 Jun 2019 20:29  
 Operator : SM/SJ  
 Sample : K3241-16  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 Q115-6A

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 07 23:55:12 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0052319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri May 24 00:11:05 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... | 4.245 | 3.563 | 714455  | 613090 | 18.662  | 18.591    |
| 2)                          | SA Decachlor... | 0.000 | 8.495 | 0       | 278914 | N.D.    | 7.822 #   |
| Target Compounds            |                 |       |       |         |        |         |           |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.828 | 0       | 23945  | N.D.    | 24.286 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.828 | 0       | 23945  | N.D.    | 28.924 #  |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.028 | 0       | 155480 | N.D.    | 144.940 # |
| 9)                          | L2 AR-1221-2    | 0.000 | 3.860 | 0       | 15334  | N.D.    | 40.689 #  |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.977 | 0       | 27793  | N.D.    | 23.218 #  |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.977 | 0       | 27793  | N.D.    | 30.938 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.828 | 0       | 23945  | N.D.    | 45.758 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.932 | 0       | 16863  | N.D.    | 34.226 #  |
| 15)                         | L3 AR-1232-5    | 0.000 | 5.028 | 0       | 155480 | N.D.    | 276.038 # |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.828 | 0       | 23945  | N.D.    | 24.356 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.932 | 0       | 16863  | N.D.    | 17.329 #  |
| 20)                         | L4 AR-1242-5    | 0.000 | 5.435 | 0       | 143835 | N.D.    | 121.660 # |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.828 | 0       | 23945  | N.D.    | 18.848 #  |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.932 | 0       | 16863  | N.D.    | 12.913 #  |
| 24)                         | L5 AR-1248-4    | 0.000 | 5.028 | 0       | 155480 | N.D.    | 98.180 #  |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.454 | 0       | 130518 | N.D.    | 78.860 #  |
| 26)                         | L6 AR-1254-1    | 0.000 | 5.435 | 0       | 143835 | N.D.    | 54.386 #  |
| 27)                         | L6 AR-1254-2    | 6.525 | 5.569 | 1009548 | 27722  | 259.919 | 12.859 #  |
| 28)                         | L6 AR-1254-3    | 0.000 | 5.968 | 0       | 83549  | N.D.    | 22.821 #  |
| 29)                         | L6 AR-1254-4    | 0.000 | 6.197 | 0       | 22182  | N.D.    | 10.097 #  |
| 30)                         | L6 AR-1254-5    | 0.000 | 6.610 | 0       | 65740  | N.D.    | 20.737 #  |
| 31)                         | L7 AR-1260-1    | 0.000 | 6.100 | 0       | 61292  | N.D.    | 30.640 #  |
| 32)                         | L7 AR-1260-2    | 7.246 | 6.285 | 334054  | 57344  | 110.462 | 23.264 #  |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.438 | 0       | 61710  | N.D.    | 27.509 #  |
| 34)                         | L7 AR-1260-4    | 0.000 | 6.850 | 0       | 26333  | N.D.    | 14.150 #  |
| 35)                         | L7 AR-1260-5    | 0.000 | 7.144 | 0       | 28537  | N.D.    | 6.618 #   |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.640 | 0       | 33760  | N.D.    | 8.088 #   |
| 37)                         | L8 AR-1262-2    | 0.000 | 7.144 | 0       | 28537  | N.D.    | 4.154 #   |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.467 | 0       | 17791  | N.D.    | 6.024 #   |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.488 | 0       | 13736  | N.D.    | 2.636 #   |
| 40)                         | L8 AR-1262-5    | 0.000 | 7.983 | 0       | 2890   | N.D.    | 1.245 #   |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.467 | 0       | 17791  | N.D.    | 2.383 #   |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.488 | 0       | 13736  | N.D.    | 1.967 #   |
| 44)                         | L9 AR-1268-4    | 0.000 | 7.983 | 0       | 2890   | N.D.    | 1.238 #   |
| 45)                         | L9 AR-1268-5    | 0.000 | 8.253 | 0       | 12198  | N.D.    | 0.705 #   |
| -----                       |                 |       |       |         |        |         |           |

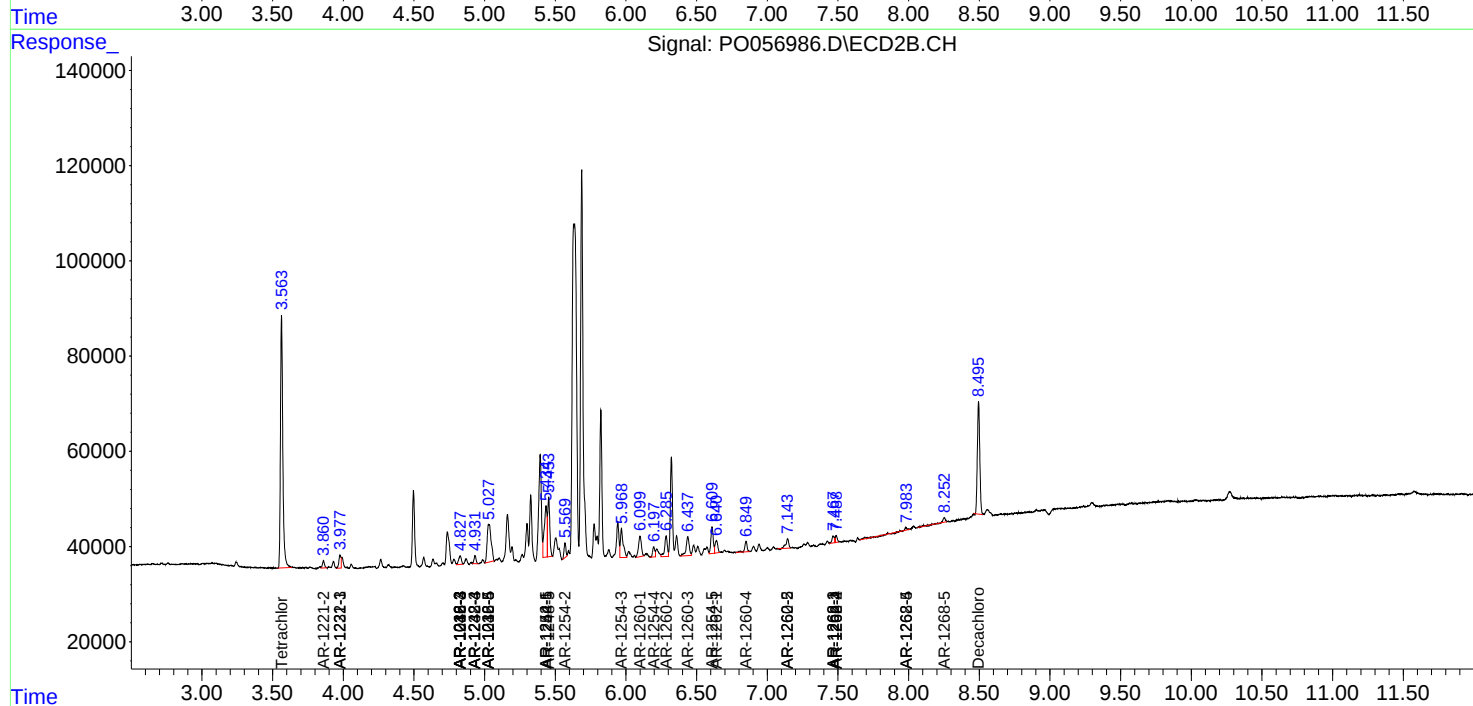
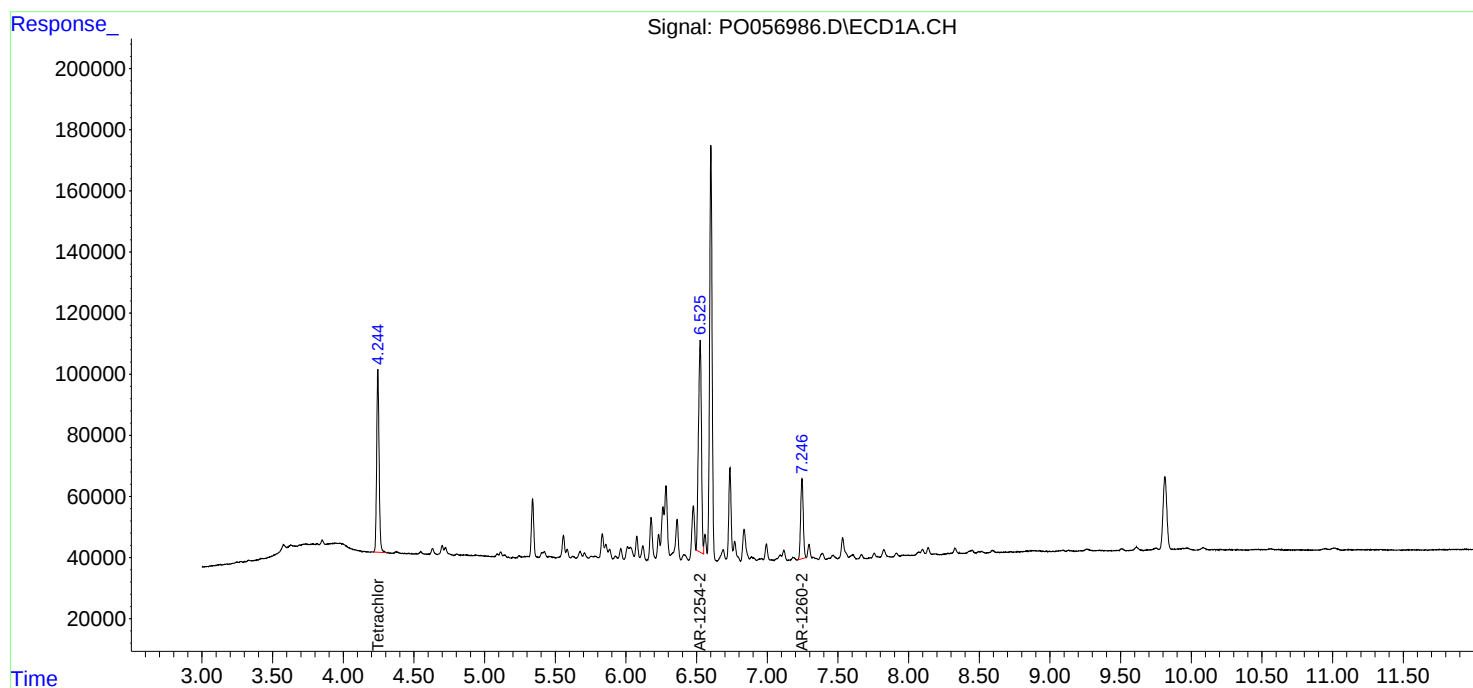
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

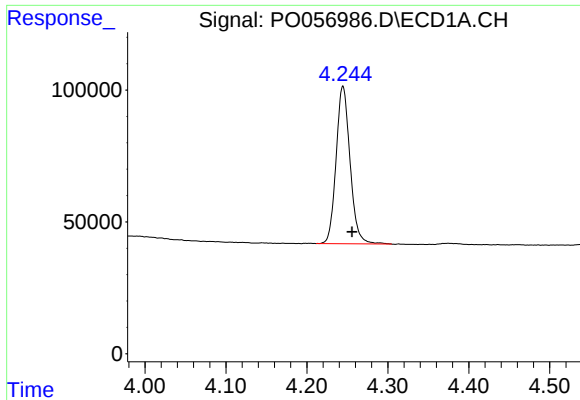
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0060719\  
Data File : P0056986.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 07 Jun 2019 20:29  
Operator : SM/SJ  
Sample : K3241-16  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 07 23:55:12 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0052319.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri May 24 00:11:05 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

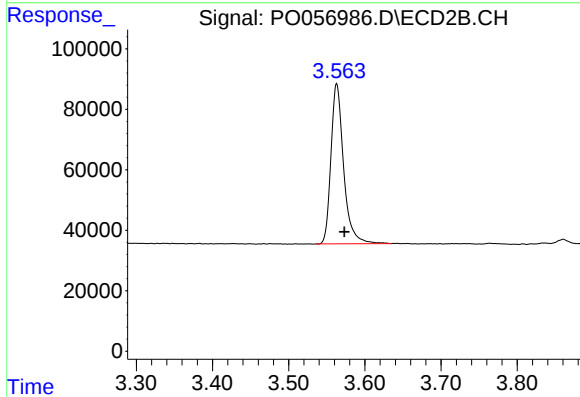




#1 Tetrachloro-m-xylene

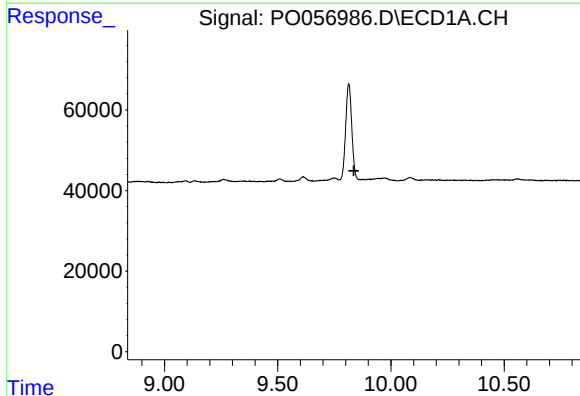
R.T.: 4.245 min  
Delta R.T.: -0.011 min  
Response: 714455  
Conc: 18.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



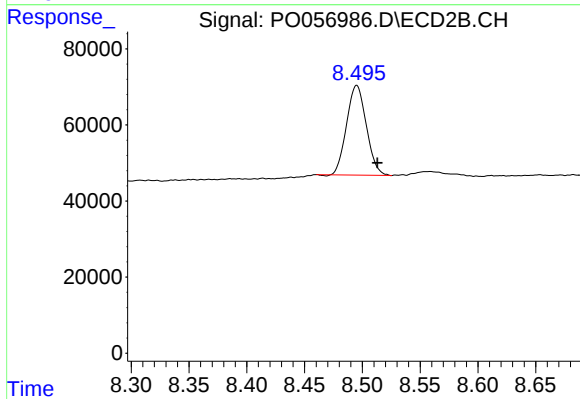
#1 Tetrachloro-m-xylene

R.T.: 3.563 min  
Delta R.T.: -0.010 min  
Response: 613090  
Conc: 18.59 ng/ml



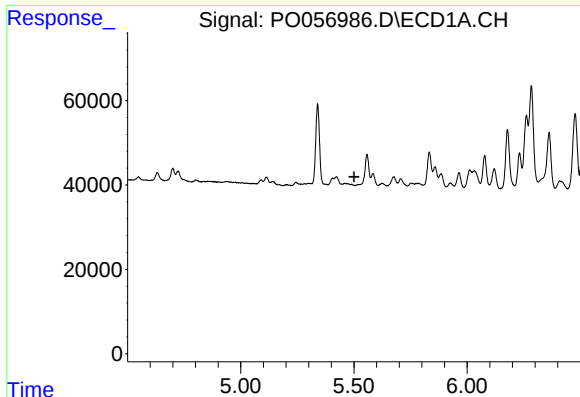
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 9.836 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

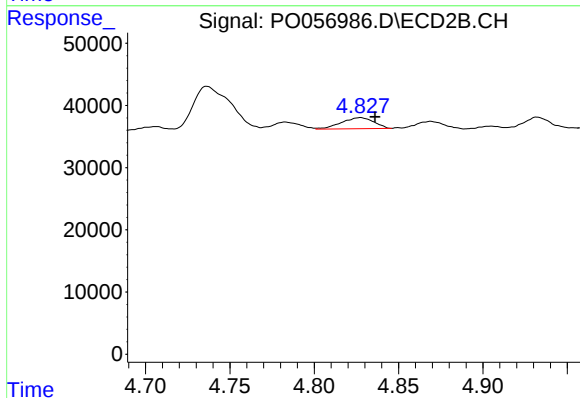
R.T.: 8.495 min  
Delta R.T.: -0.018 min  
Response: 278914  
Conc: 7.82 ng/ml



#5 AR-1016-3

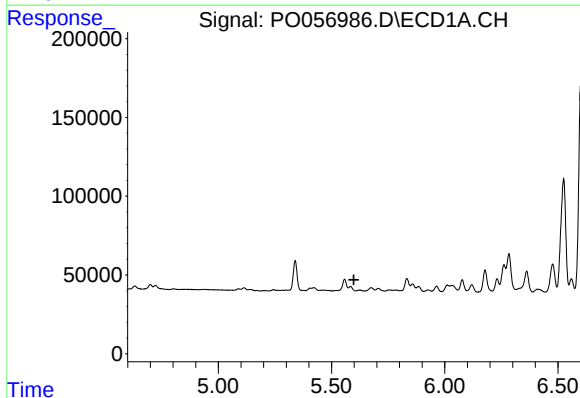
R.T.: 0.000 min  
Exp R.T.: 5.500 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



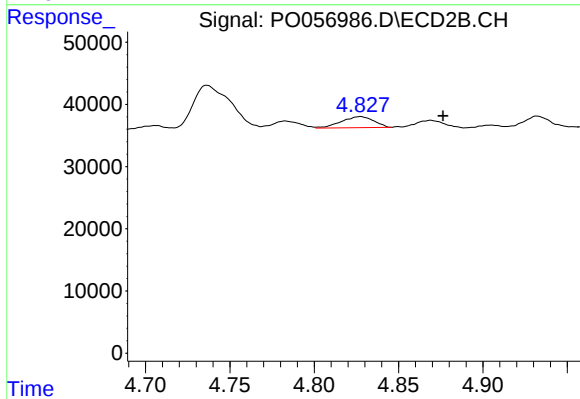
#5 AR-1016-3

R.T.: 4.828 min  
Delta R.T.: -0.008 min  
Response: 23945  
Conc: 24.29 ng/ml



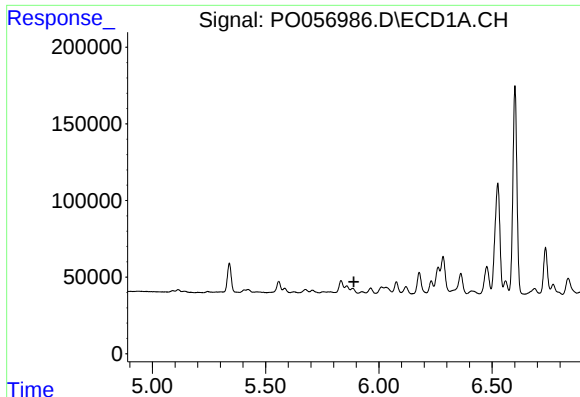
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.599 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

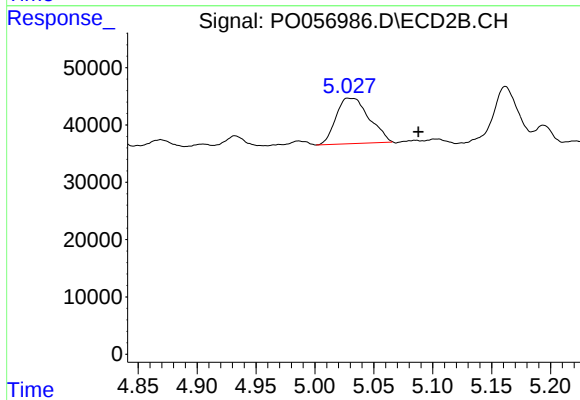
R.T.: 4.828 min  
Delta R.T.: -0.049 min  
Response: 23945  
Conc: 28.92 ng/ml



#7 AR-1016-5

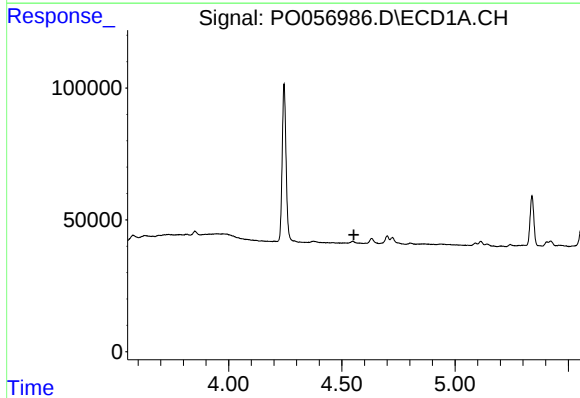
R.T.: 0.000 min  
Exp R.T.: 5.890 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



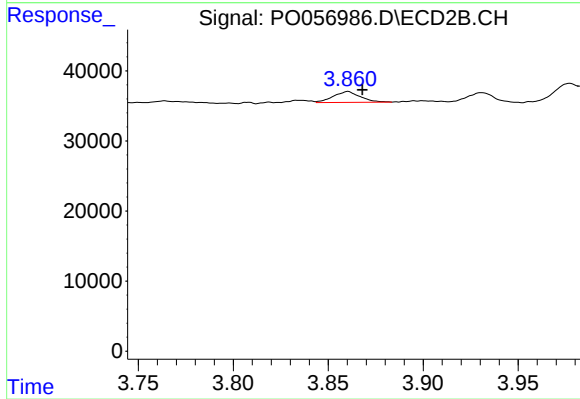
#7 AR-1016-5

R.T.: 5.028 min  
Delta R.T.: -0.060 min  
Response: 155480  
Conc: 144.94 ng/ml



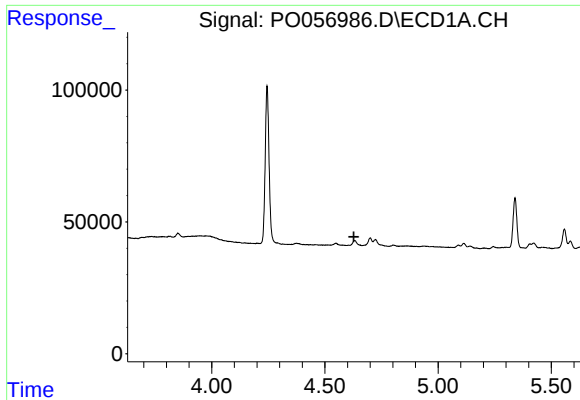
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 4.553 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

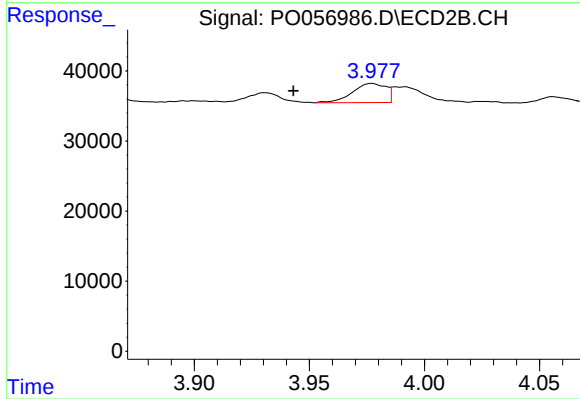
R.T.: 3.860 min  
Delta R.T.: -0.008 min  
Response: 15334  
Conc: 40.69 ng/ml



#10 AR-1221-3

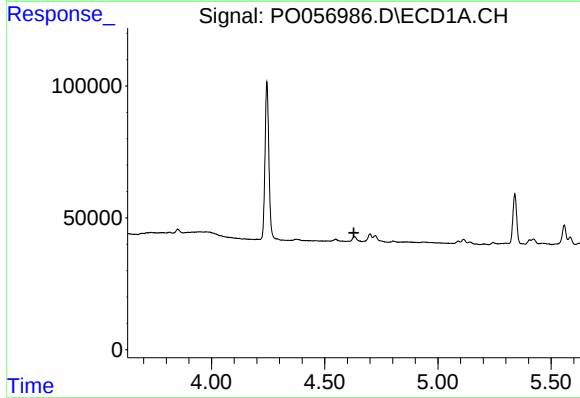
R.T.: 0.000 min  
Exp R.T.: 4.628 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



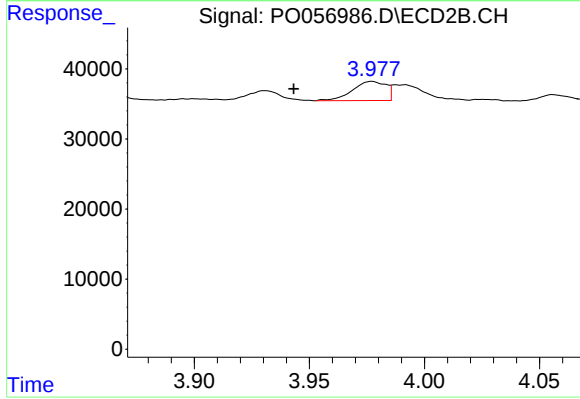
#10 AR-1221-3

R.T.: 3.977 min  
Delta R.T.: 0.034 min  
Response: 27793  
Conc: 23.22 ng/ml



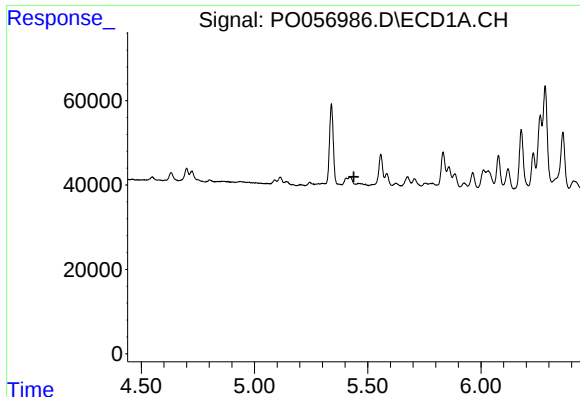
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T.: 4.629 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

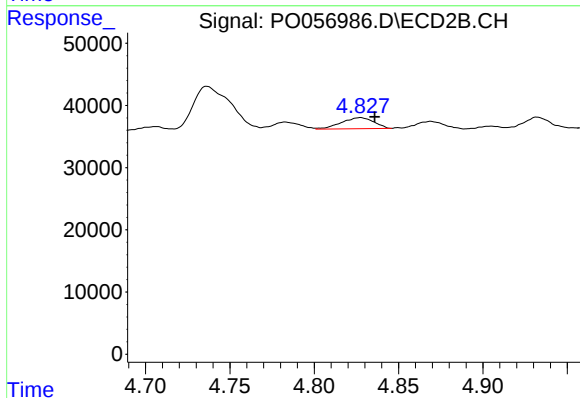
R.T.: 3.977 min  
Delta R.T.: 0.034 min  
Response: 27793  
Conc: 30.94 ng/ml



#13 AR-1232-3

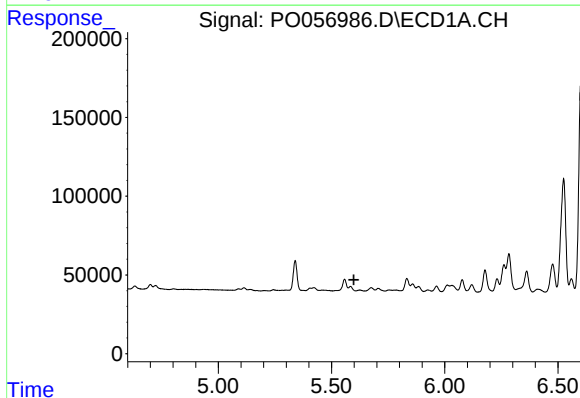
R.T.: 0.000 min  
Exp R.T.: 5.439 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



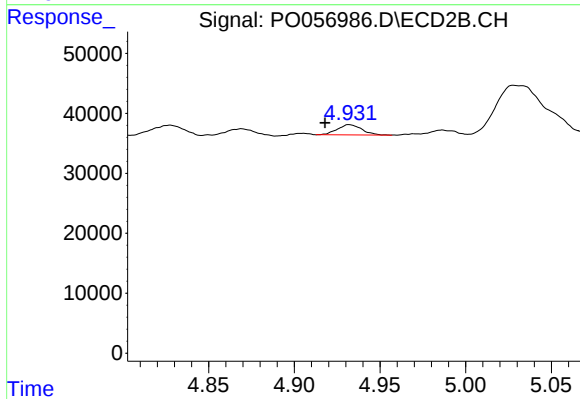
#13 AR-1232-3

R.T.: 4.828 min  
Delta R.T.: -0.008 min  
Response: 23945  
Conc: 45.76 ng/ml



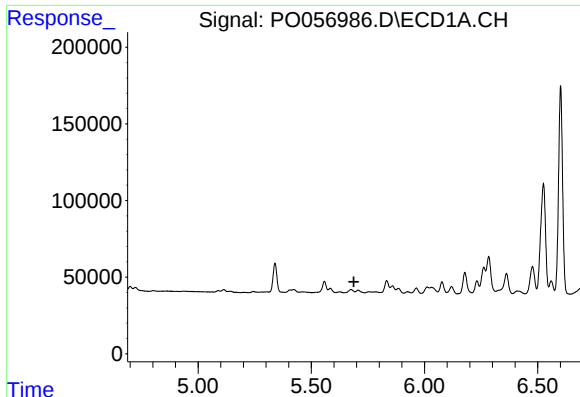
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.599 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

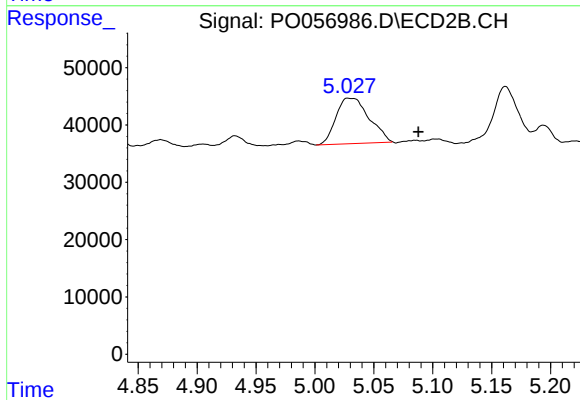
R.T.: 4.932 min  
Delta R.T.: 0.014 min  
Response: 16863  
Conc: 34.23 ng/ml



#15 AR-1232-5

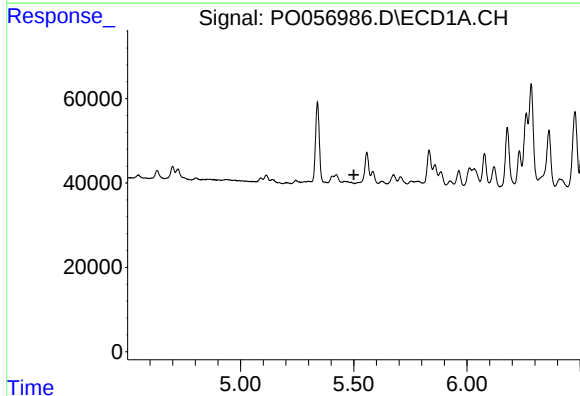
R.T.: 0.000 min  
Exp R.T.: 5.688 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



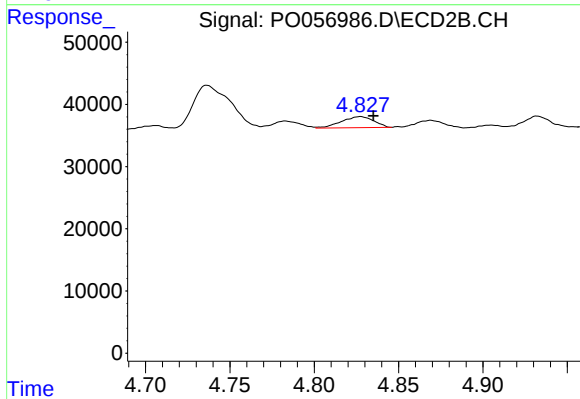
#15 AR-1232-5

R.T.: 5.028 min  
Delta R.T.: -0.060 min  
Response: 155480  
Conc: 276.04 ng/ml



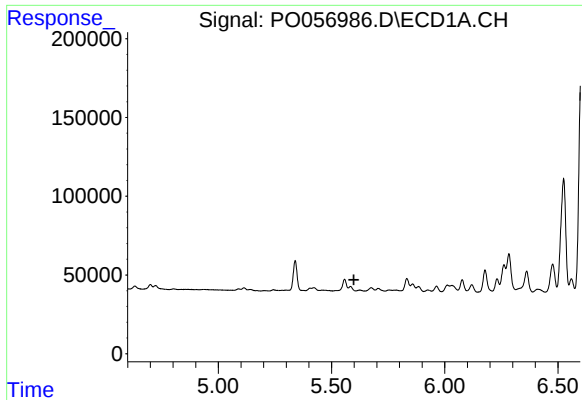
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.500 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

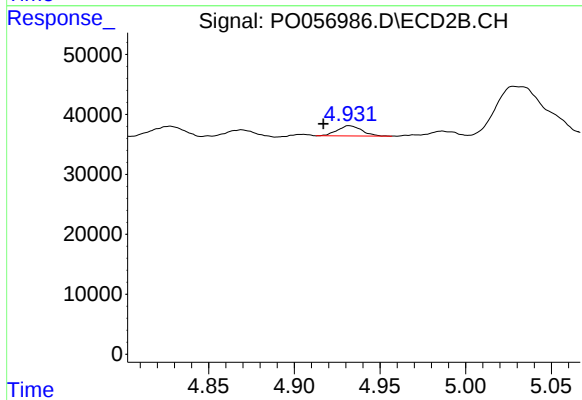
R.T.: 4.828 min  
Delta R.T.: -0.008 min  
Response: 23945  
Conc: 24.36 ng/ml



#19 AR-1242-4

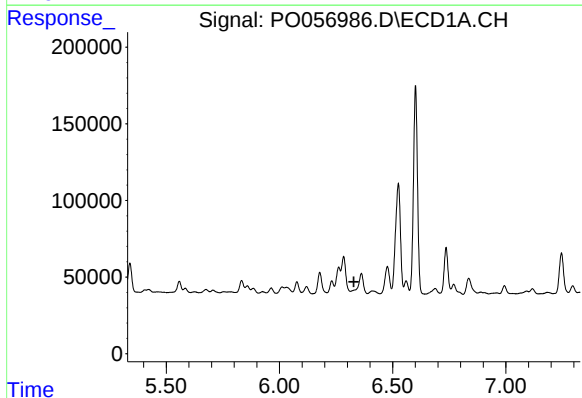
R.T.: 0.000 min  
Exp R.T.: 5.599 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



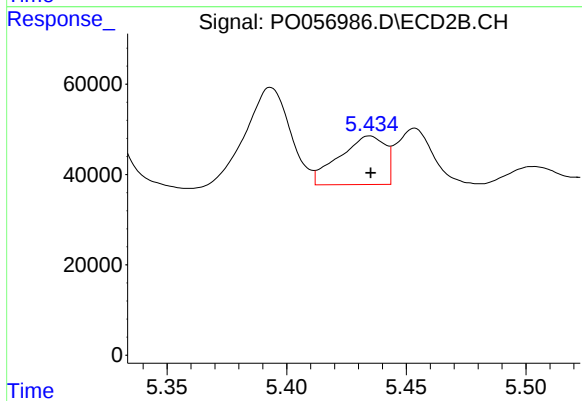
#19 AR-1242-4

R.T.: 4.932 min  
Delta R.T.: 0.015 min  
Response: 16863  
Conc: 17.33 ng/ml



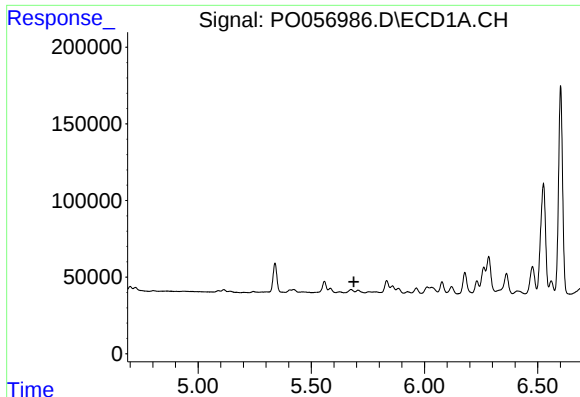
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.329 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

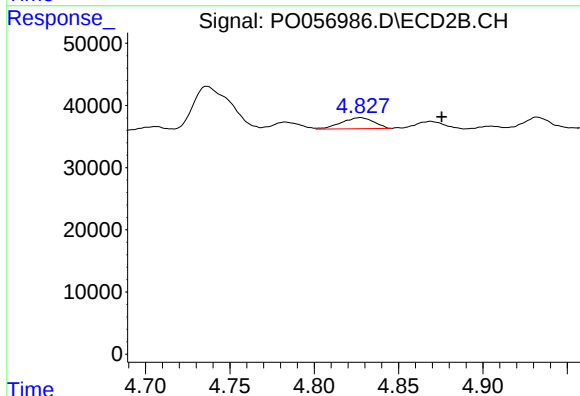
R.T.: 5.435 min  
Delta R.T.: 0.000 min  
Response: 143835  
Conc: 121.66 ng/ml



#22 AR-1248-2

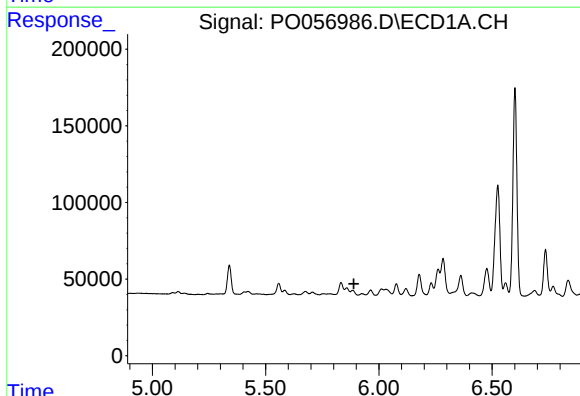
R.T.: 0.000 min  
Exp R.T.: 5.688 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



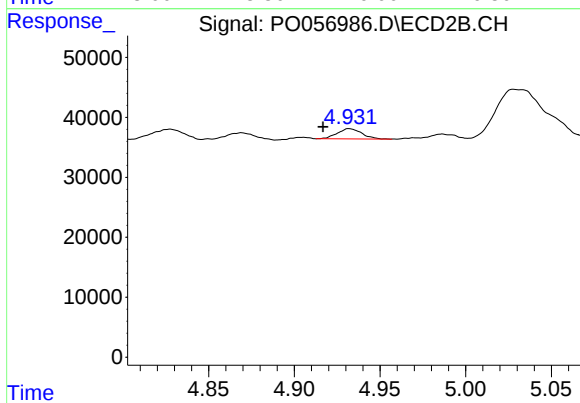
#22 AR-1248-2

R.T.: 4.828 min  
Delta R.T.: -0.048 min  
Response: 23945  
Conc: 18.85 ng/ml



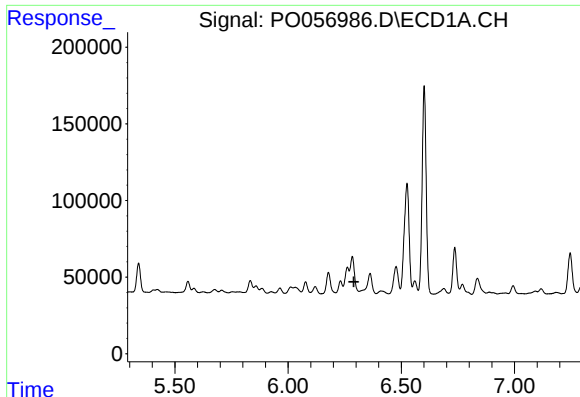
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 5.890 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

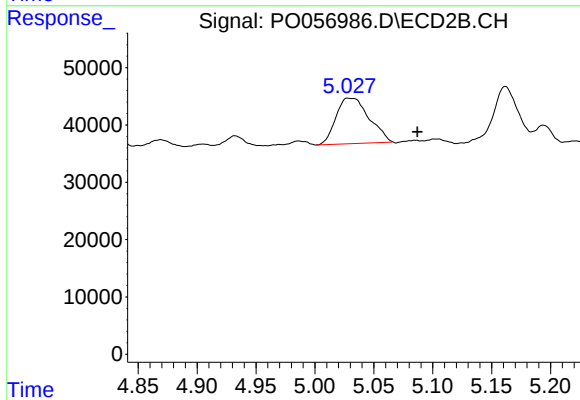
R.T.: 4.932 min  
Delta R.T.: 0.015 min  
Response: 16863  
Conc: 12.91 ng/ml



#24 AR-1248-4

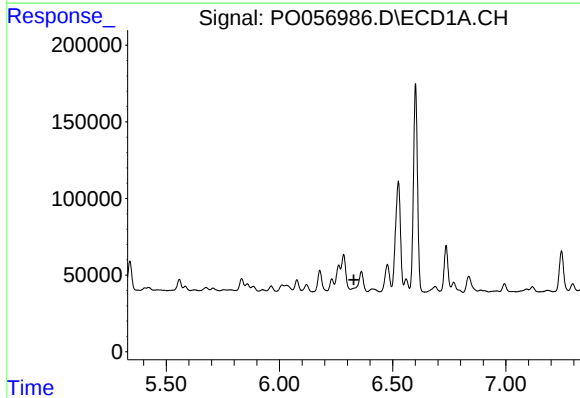
R.T.: 0.000 min  
Exp R.T.: 6.291 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



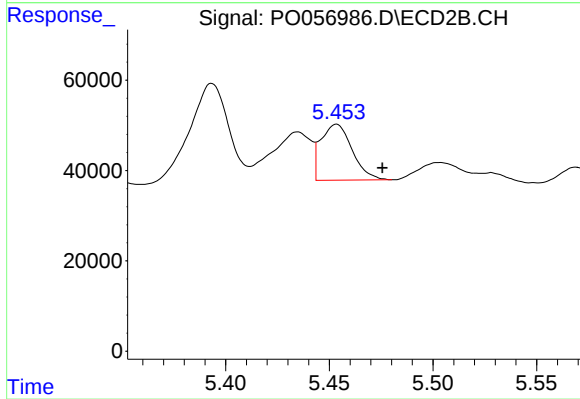
#24 AR-1248-4

R.T.: 5.028 min  
Delta R.T.: -0.059 min  
Response: 155480  
Conc: 98.18 ng/ml



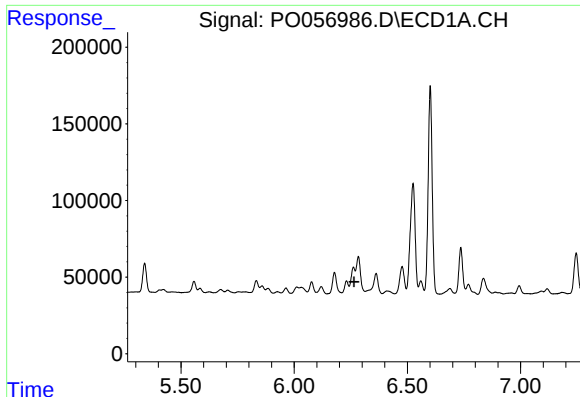
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.329 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

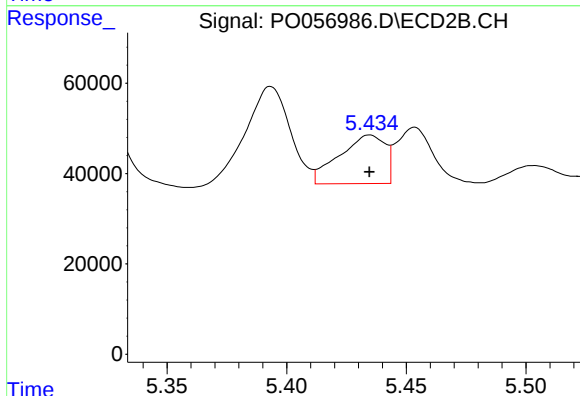
R.T.: 5.454 min  
Delta R.T.: -0.022 min  
Response: 130518  
Conc: 78.86 ng/ml



#26 AR-1254-1

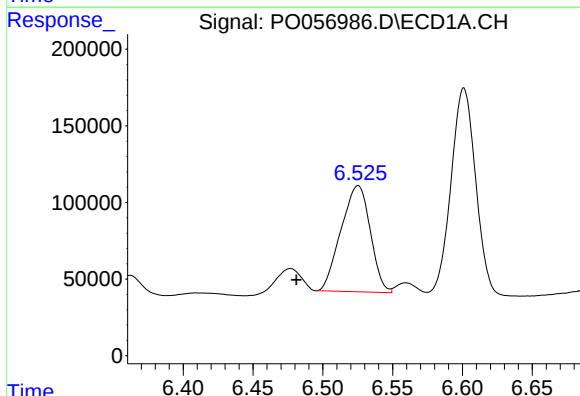
R.T.: 0.000 min  
Exp R.T.: 6.264 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



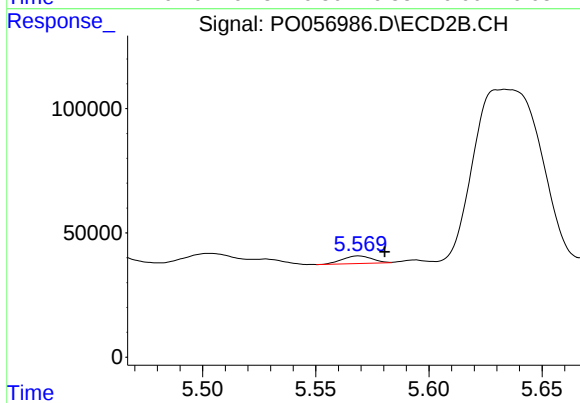
#26 AR-1254-1

R.T.: 5.435 min  
Delta R.T.: 0.000 min  
Response: 143835  
Conc: 54.39 ng/ml



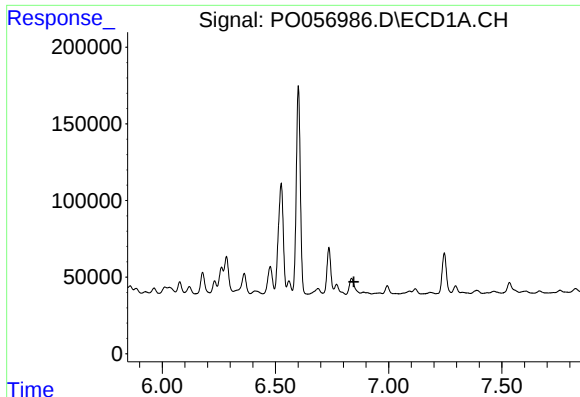
#27 AR-1254-2

R.T.: 6.525 min  
Delta R.T.: 0.044 min  
Response: 1009548  
Conc: 259.92 ng/ml



#27 AR-1254-2

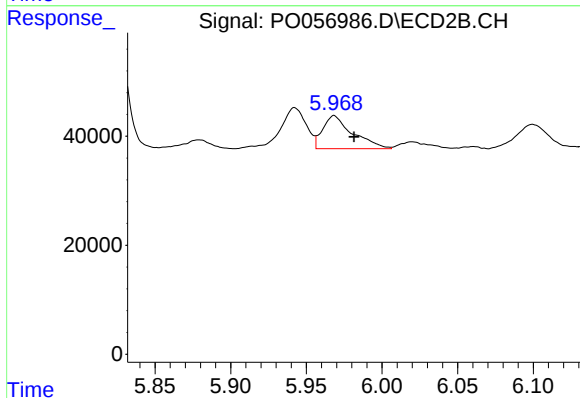
R.T.: 5.569 min  
Delta R.T.: -0.011 min  
Response: 27722  
Conc: 12.86 ng/ml



#28 AR-1254-3

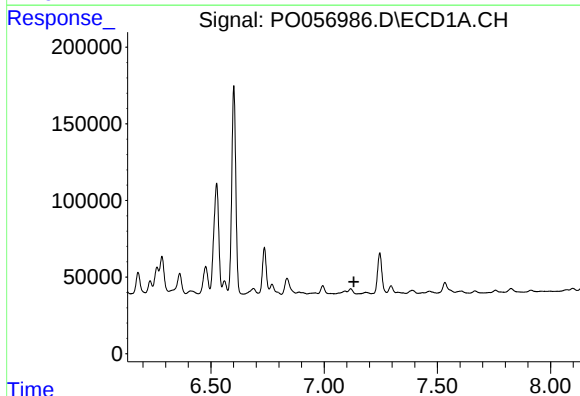
R.T.: 0.000 min  
Exp R.T. : 6.846 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



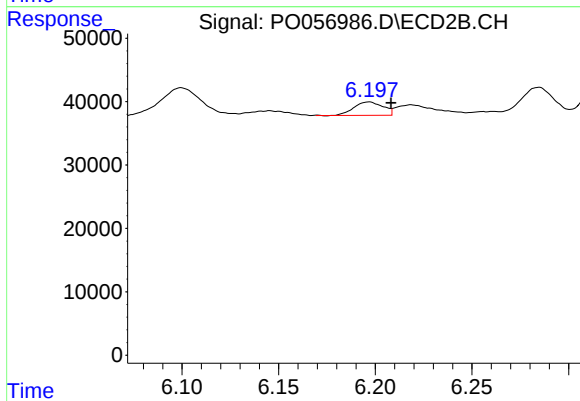
#28 AR-1254-3

R.T.: 5.968 min  
Delta R.T.: -0.013 min  
Response: 83549  
Conc: 22.82 ng/ml



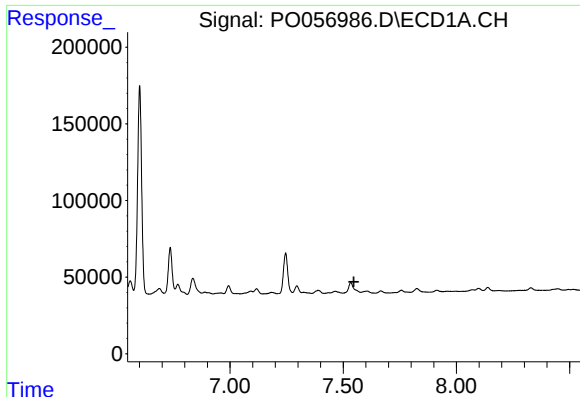
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.131 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

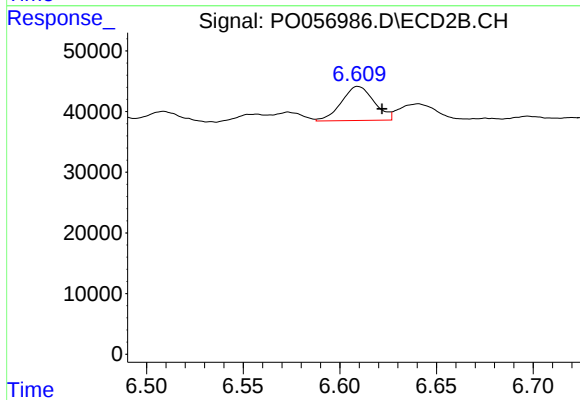
R.T.: 6.197 min  
Delta R.T.: -0.011 min  
Response: 22182  
Conc: 10.10 ng/ml



#30 AR-1254-5

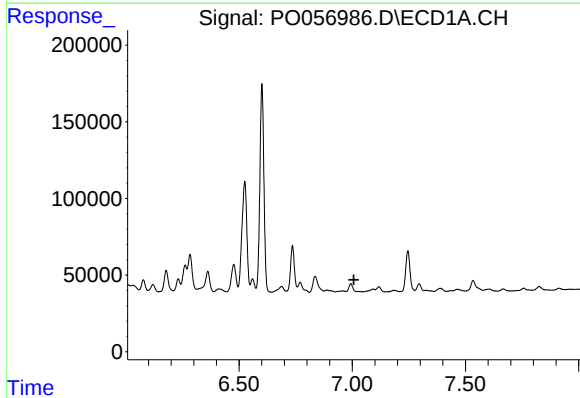
R.T.: 0.000 min  
Exp R.T. : 7.547 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



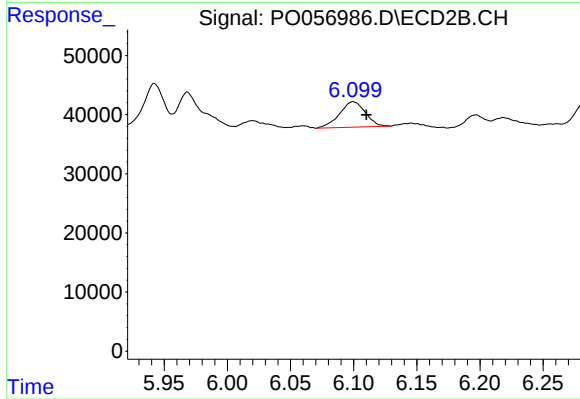
#30 AR-1254-5

R.T.: 6.610 min  
Delta R.T.: -0.012 min  
Response: 65740  
Conc: 20.74 ng/ml



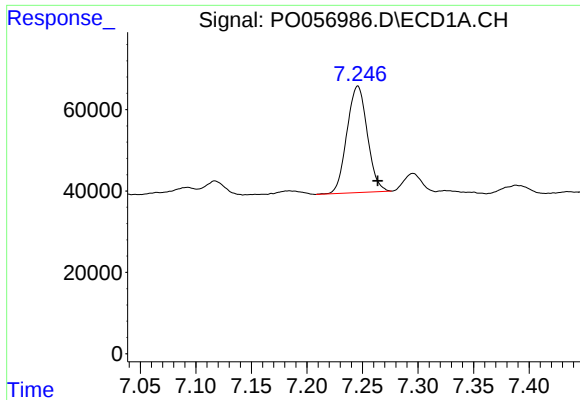
#31 AR-1260-1

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



#31 AR-1260-1

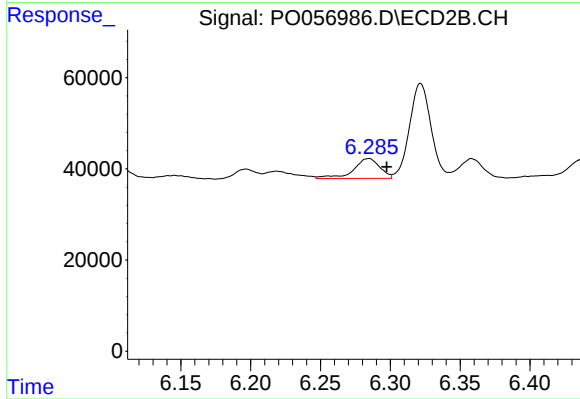
R.T.: 6.100 min  
Delta R.T.: -0.011 min  
Response: 61292  
Conc: 30.64 ng/ml



#32 AR-1260-2

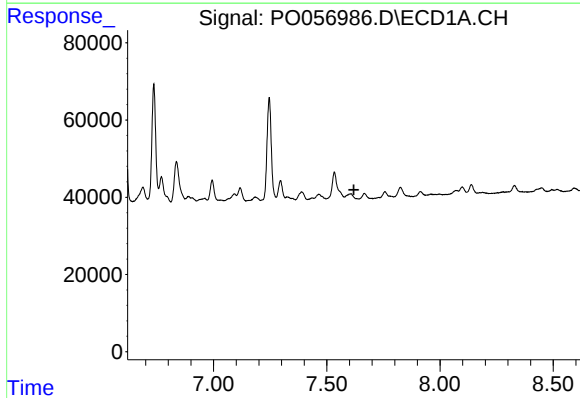
R.T.: 7.246 min  
Delta R.T.: -0.018 min  
Response: 334054  
Conc: 110.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



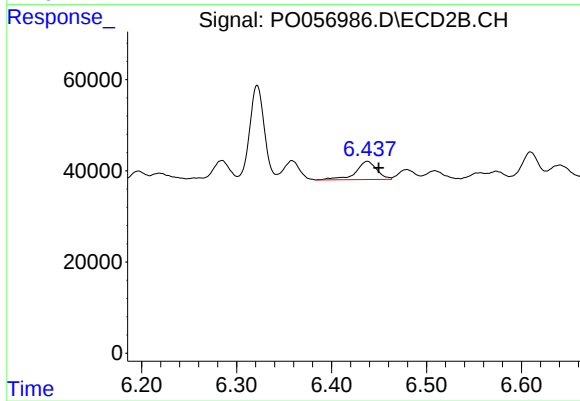
#32 AR-1260-2

R.T.: 6.285 min  
Delta R.T.: -0.013 min  
Response: 57344  
Conc: 23.26 ng/ml



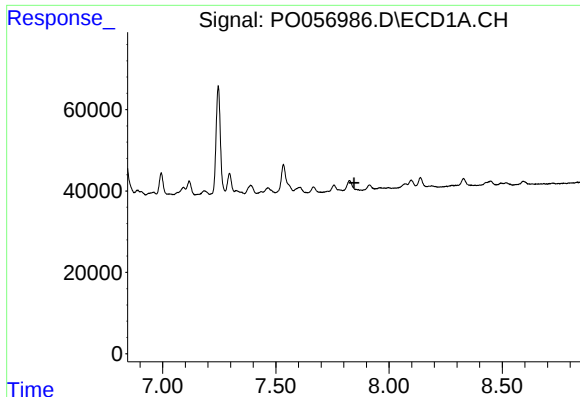
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.620 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

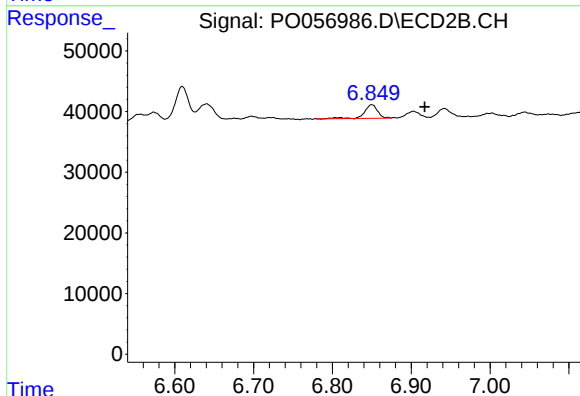
R.T.: 6.438 min  
Delta R.T.: -0.012 min  
Response: 61710  
Conc: 27.51 ng/ml



#34 AR-1260-4

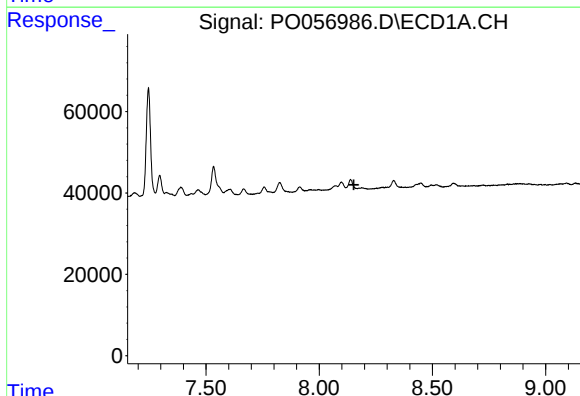
R.T.: 0.000 min  
Exp R.T. : 7.845 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



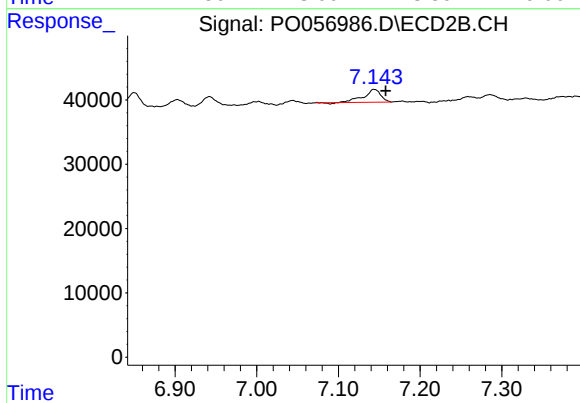
#34 AR-1260-4

R.T.: 6.850 min  
Delta R.T.: -0.067 min  
Response: 26333  
Conc: 14.15 ng/ml



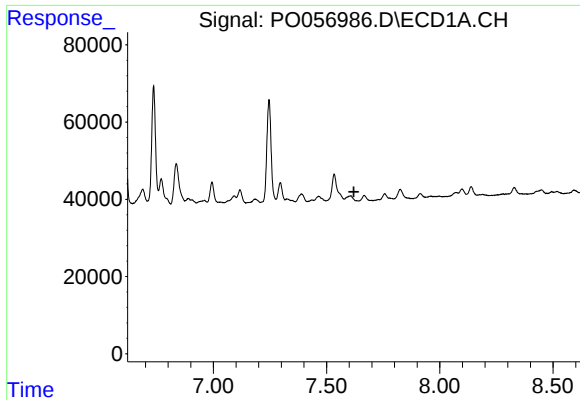
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.153 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

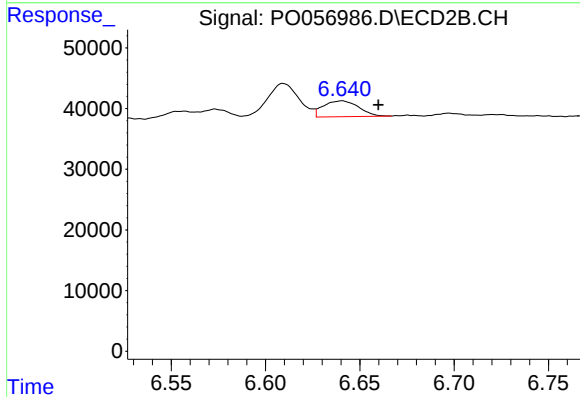
R.T.: 7.144 min  
Delta R.T.: -0.014 min  
Response: 28537  
Conc: 6.62 ng/ml



#36 AR-1262-1

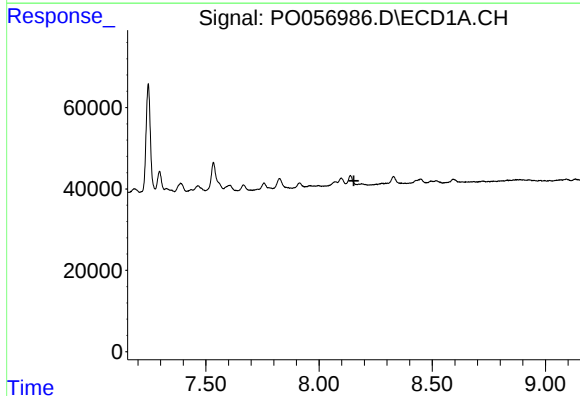
R.T.: 0.000 min  
Exp R.T.: 7.620 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



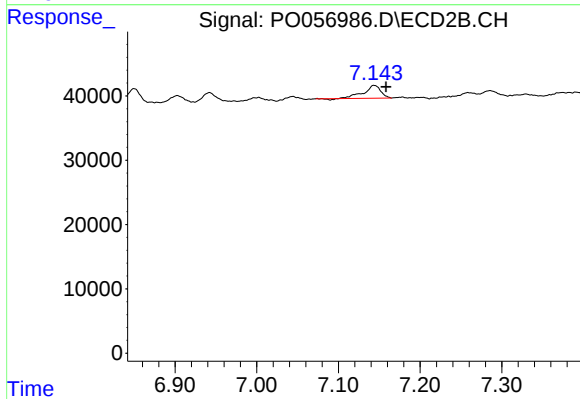
#36 AR-1262-1

R.T.: 6.640 min  
Delta R.T.: -0.019 min  
Response: 33760  
Conc: 8.09 ng/ml



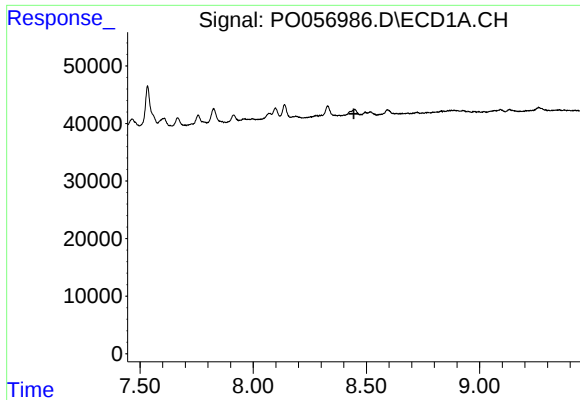
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.154 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

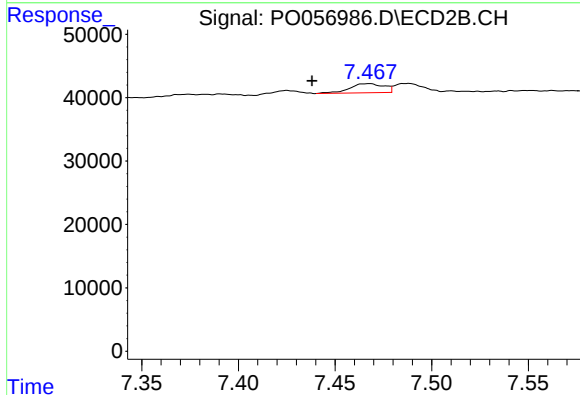
R.T.: 7.144 min  
Delta R.T.: -0.015 min  
Response: 28537  
Conc: 4.15 ng/ml



#38 AR-1262-3

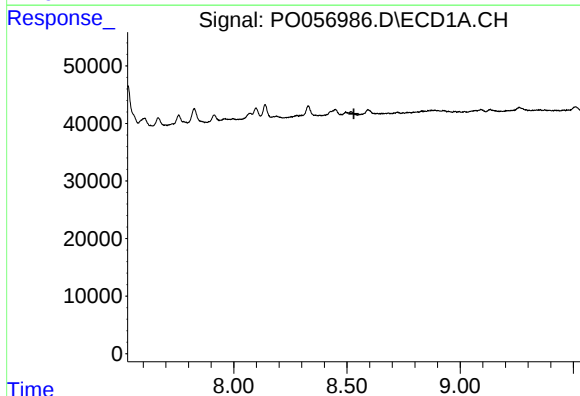
R.T.: 0.000 min  
Exp R.T.: 8.445 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



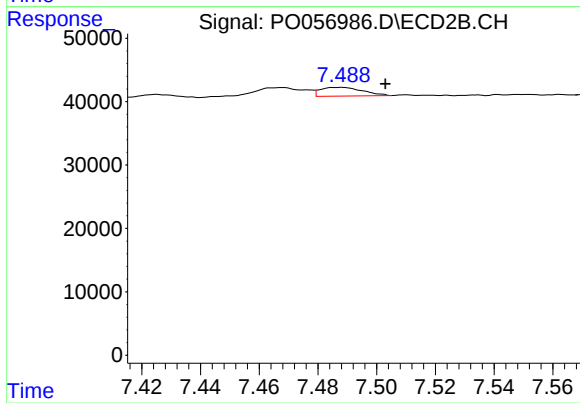
#38 AR-1262-3

R.T.: 7.467 min  
Delta R.T.: 0.029 min  
Response: 17791  
Conc: 6.02 ng/ml



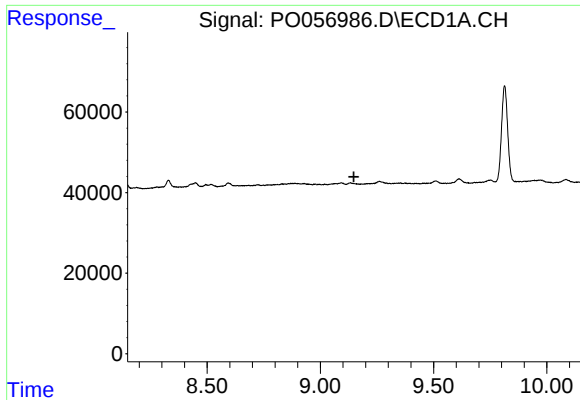
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 8.530 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

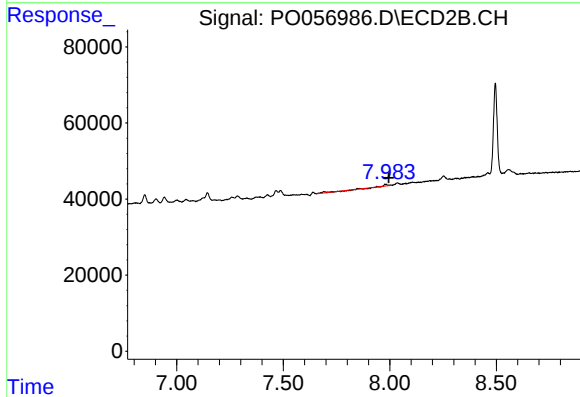
R.T.: 7.488 min  
Delta R.T.: -0.015 min  
Response: 13736  
Conc: 2.64 ng/ml



#40 AR-1262-5

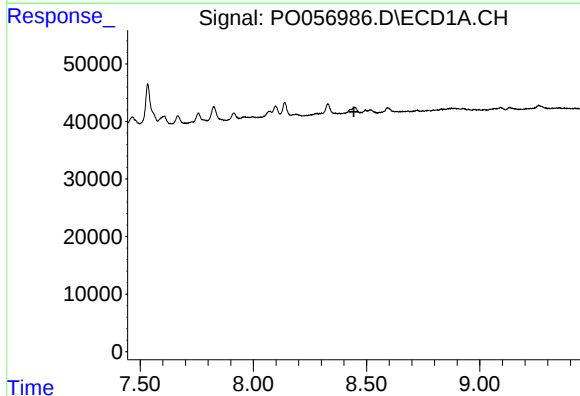
R.T.: 0.000 min  
Exp R.T. : 9.148 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



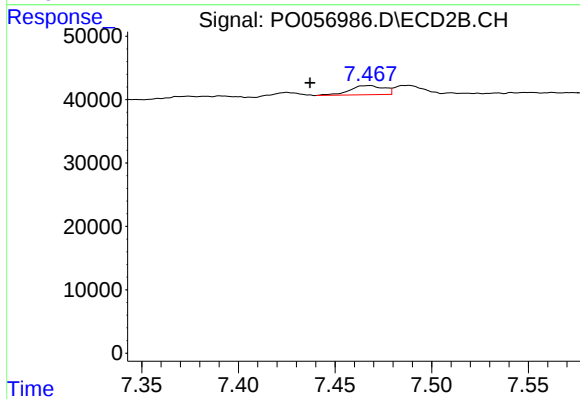
#40 AR-1262-5

R.T.: 7.983 min  
Delta R.T.: -0.011 min  
Response: 2890  
Conc: 1.24 ng/ml



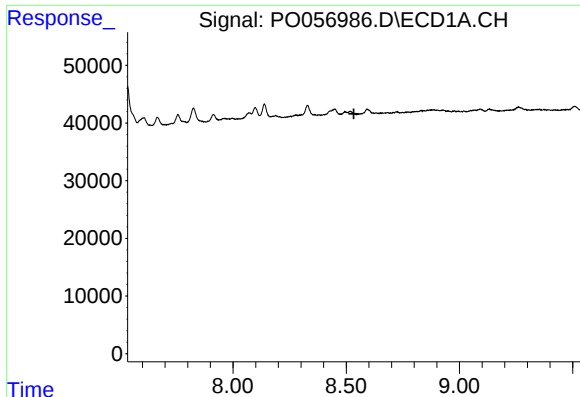
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.444 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

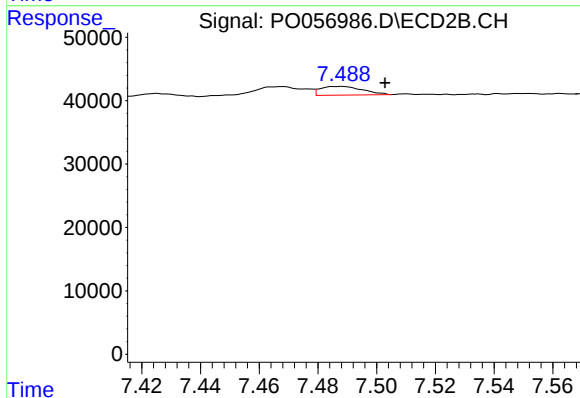
R.T.: 7.467 min  
Delta R.T.: 0.030 min  
Response: 17791  
Conc: 2.38 ng/ml



#42 AR-1268-2

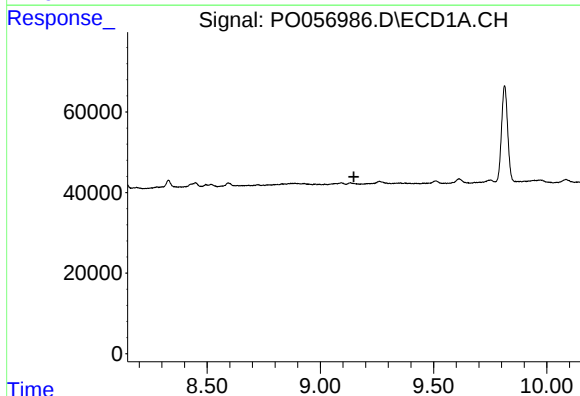
R.T.: 0.000 min  
Exp R.T.: 8.534 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



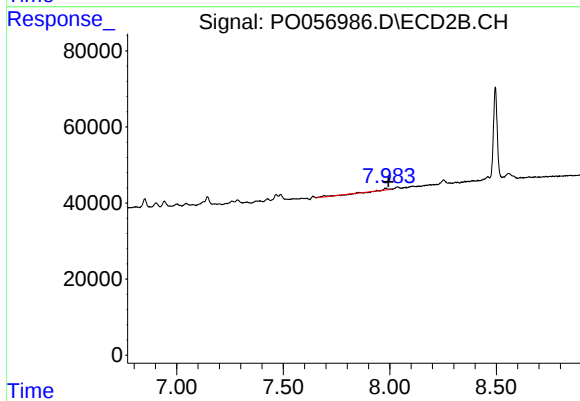
#42 AR-1268-2

R.T.: 7.488 min  
Delta R.T.: -0.015 min  
Response: 13736  
Conc: 1.97 ng/ml



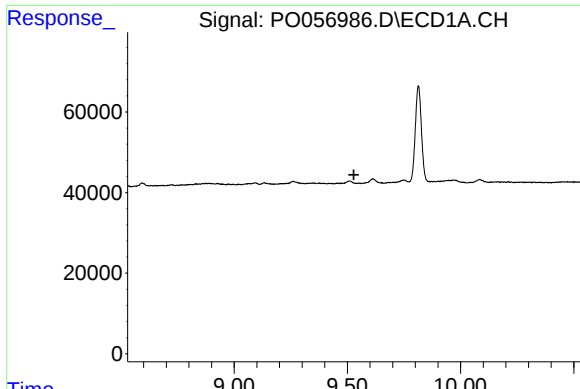
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 9.148 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

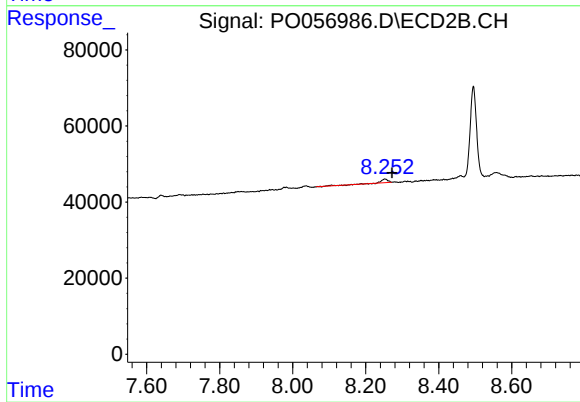
R.T.: 7.983 min  
Delta R.T.: -0.011 min  
Response: 2890  
Conc: 1.24 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.529 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
Q115-6A



#45 AR-1268-5

R.T.: 8.253 min  
Delta R.T.: -0.019 min  
Response: 12198  
Conc: 0.70 ng/ml