

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO110219\  
 Data File : PO063463.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 02 Nov 2019 11:44  
 Operator : HP/AJ  
 Sample : K5633-01RE  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 S7-01-ARE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 04 00:30:04 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO102919.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 30 02:25:39 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... | 4.311 | 3.478 | 1010516 | 1032575 | 17.339  | 18.907    |
| 2)                          | SA Decachlor... | 9.921 | 8.313 | 555659  | 449811  | 9.550   | 10.521    |
| Target Compounds            |                 |       |       |         |         |         |           |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.458 | 0       | 51751   | N.D.    | 27.622 #  |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.649 | 0       | 69169   | N.D.    | 49.838 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.809 | 0       | 93362   | N.D.    | 83.593 #  |
| 7)                          | L1 AR-1016-5    | 0.000 | 4.961 | 0       | 115104  | N.D.    | 76.404 #  |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.886 | 0       | 60843   | N.D.    | 49.481 #  |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.886 | 0       | 60843   | N.D.    | 35.648 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.649 | 0       | 69169   | N.D.    | 71.497 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.809 | 0       | 93362   | N.D.    | 112.446 # |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.961 | 0       | 115104  | N.D.    | 122.979 # |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.458 | 0       | 51751   | N.D.    | 37.450 #  |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.649 | 0       | 69169   | N.D.    | 66.002 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.809 | 0       | 93362   | N.D.    | 94.057 #  |
| 20)                         | L4 AR-1242-5    | 6.348 | 5.316 | 478608  | 331575  | 332.530 | 237.343 # |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.458 | 0       | 51751   | N.D.    | 47.347 #  |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.809 | 0       | 93362   | N.D.    | 66.764 #  |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.809 | 0       | 93362   | N.D.    | 64.557 #  |
| 24)                         | L5 AR-1248-4    | 6.348 | 4.961 | 478608  | 115104  | 192.292 | 63.921 #  |
| 25)                         | L5 AR-1248-5    | 6.348 | 5.316 | 478608  | 331575  | 205.011 | 179.370   |
| 26)                         | L6 AR-1254-1    | 6.319 | 5.316 | 377271  | 331575  | 148.391 | 110.074 # |
| 27)                         | L6 AR-1254-2    | 6.591 | 5.435 | 735112  | 120406  | 181.733 | 44.644 #  |
| 28)                         | L6 AR-1254-3    | 6.905 | 5.826 | 283922  | 323772  | 66.705  | 75.415    |
| 29)                         | L6 AR-1254-4    | 0.000 | 6.051 | 0       | 23497   | N.D.    | 8.245 #   |
| 30)                         | L6 AR-1254-5    | 7.597 | 6.458 | 228458  | 229066  | 68.875  | 61.451    |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.955 | 0       | 163457  | N.D.    | 59.184 #  |
| 32)                         | L7 AR-1260-2    | 7.310 | 6.138 | 487052  | 166511  | 120.648 | 43.398 #  |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.286 | 0       | 102977  | N.D.    | 32.820 #  |
| 34)                         | L7 AR-1260-4    | 0.000 | 6.749 | 0       | 66573   | N.D.    | 26.294 #  |
| 35)                         | L7 AR-1260-5    | 8.200 | 6.988 | 396671  | 220638  | 67.636  | 36.197 #  |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.550 | 0       | 52847   | N.D.    | 29.044 #  |
| 37)                         | L8 AR-1262-2    | 8.200 | 6.988 | 396671  | 220638  | 56.896  | 30.958 #  |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.267 | 0       | 109409  | N.D.    | 40.822 #  |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.328 | 0       | 145708  | N.D.    | 31.773 #  |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.267 | 0       | 109409  | N.D.    | 13.730 #  |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.328 | 0       | 145708  | N.D.    | 22.129 #  |
| 45)                         | L9 AR-1268-5    | 0.000 | 8.080 | 0       | 106429  | N.D.    | 7.108 #   |
| -----                       |                 |       |       |         |         |         |           |

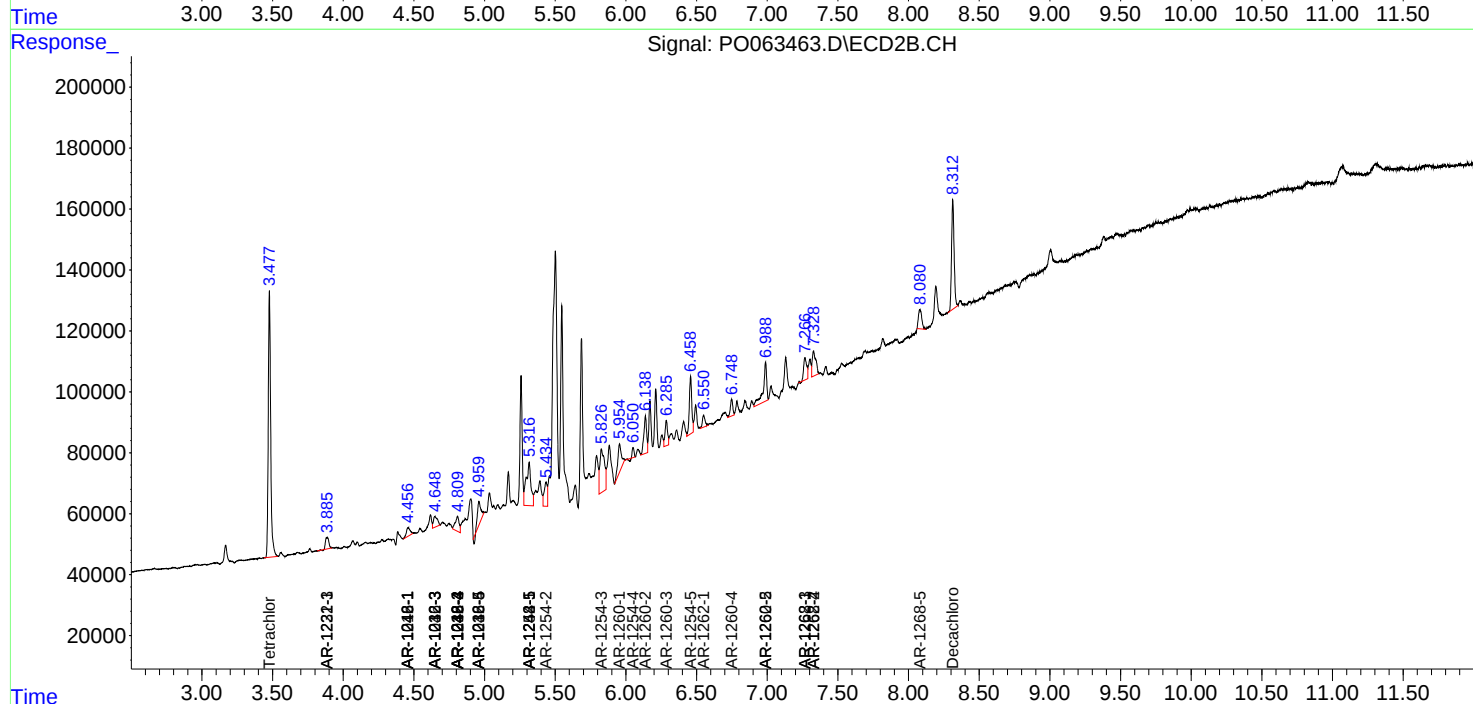
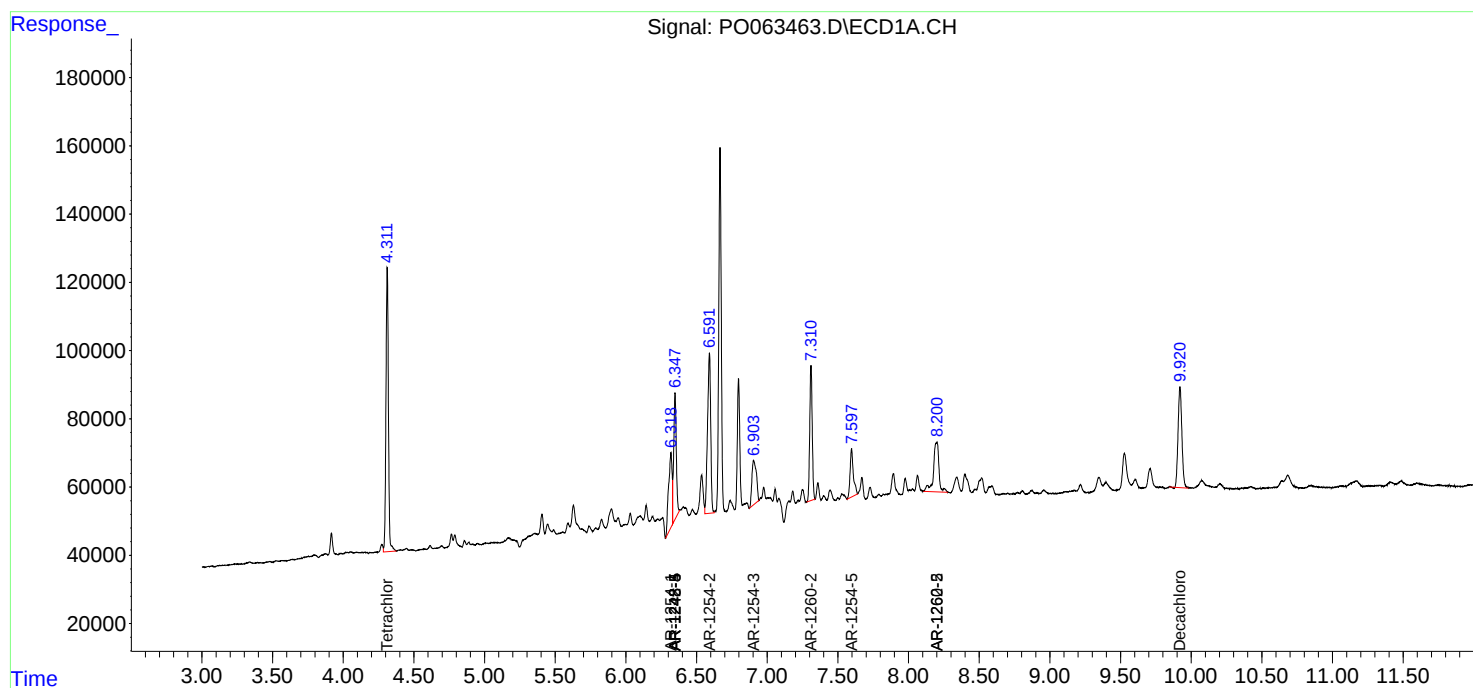
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

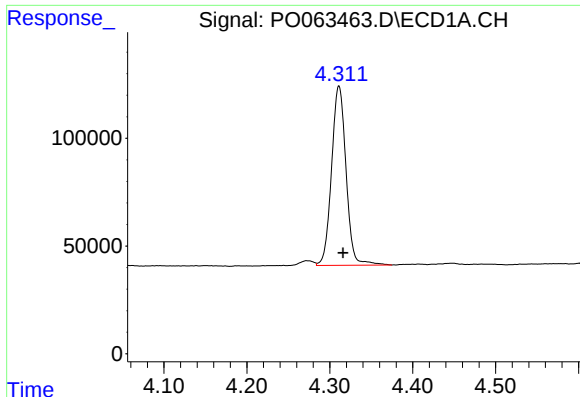
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO110219\  
Data File : P0063463.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 02 Nov 2019 11:44  
Operator : HP/AJ  
Sample : K5633-01RE  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
S7-01-ARE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 04 00:30:04 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO102919.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 30 02:25:39 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

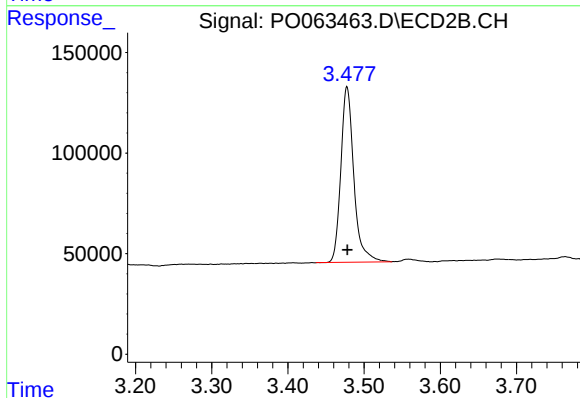




#1 Tetrachloro-m-xylene

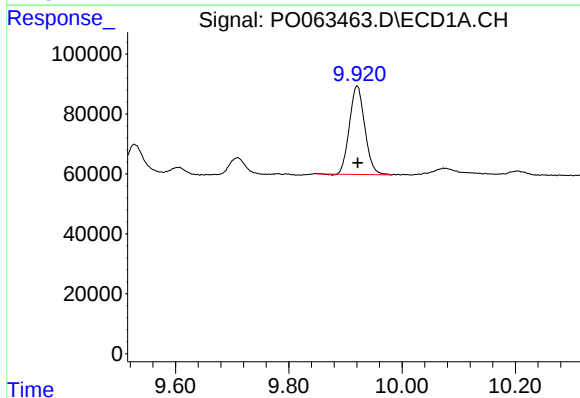
R.T.: 4.311 min  
Delta R.T.: -0.005 min  
Response: 1010516  
Conc: 17.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



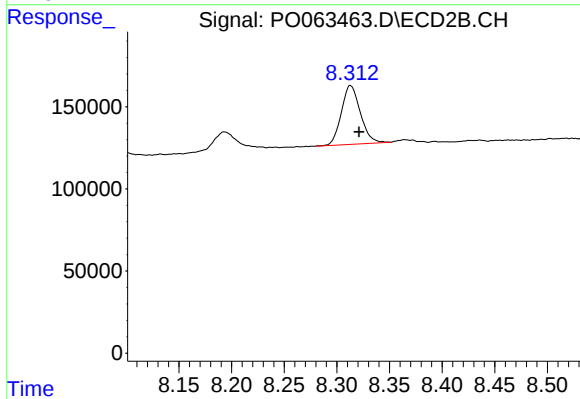
#1 Tetrachloro-m-xylene

R.T.: 3.478 min  
Delta R.T.: 0.000 min  
Response: 1032575  
Conc: 18.91 ng/ml



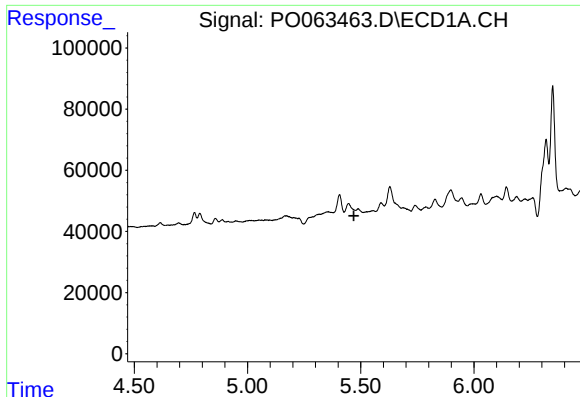
#2 Decachlorobiphenyl

R.T.: 9.921 min  
Delta R.T.: -0.001 min  
Response: 555659  
Conc: 9.55 ng/ml



#2 Decachlorobiphenyl

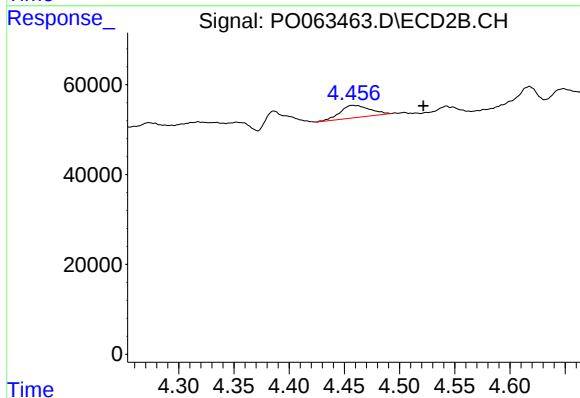
R.T.: 8.313 min  
Delta R.T.: -0.008 min  
Response: 449811  
Conc: 10.52 ng/ml



#3 AR-1016-1

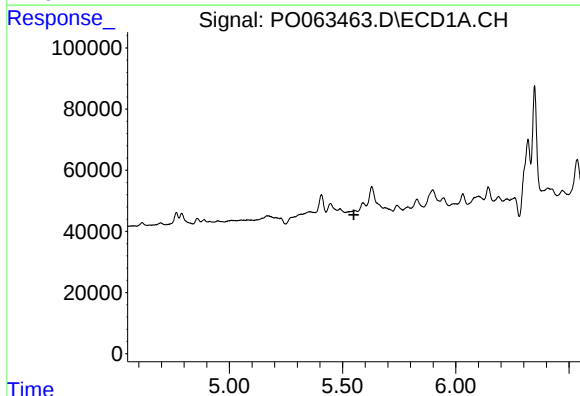
R.T.: 0.000 min  
Exp R.T.: 5.470 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



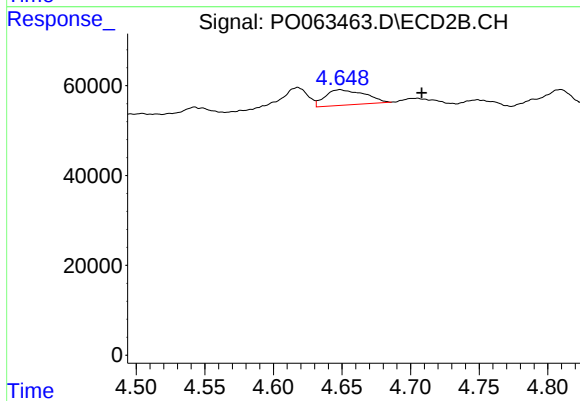
#3 AR-1016-1

R.T.: 4.458 min  
Delta R.T.: -0.064 min  
Response: 51751  
Conc: 27.62 ng/ml



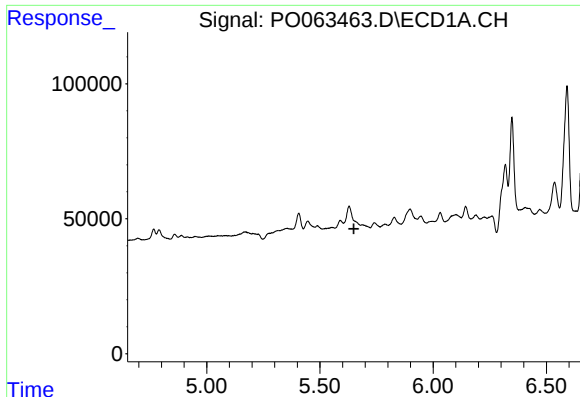
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.550 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

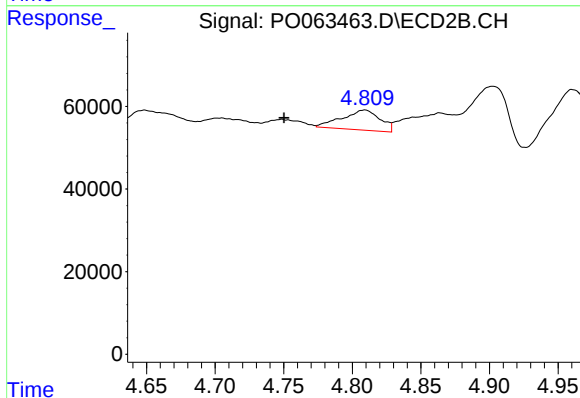
R.T.: 4.649 min  
Delta R.T.: -0.060 min  
Response: 69169  
Conc: 49.84 ng/ml



#6 AR-1016-4

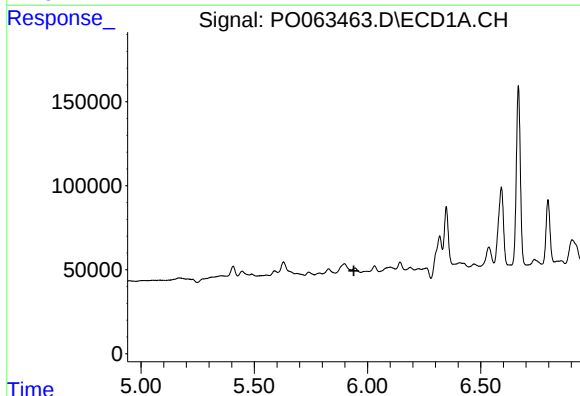
R.T.: 0.000 min  
Exp R.T.: 5.650 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



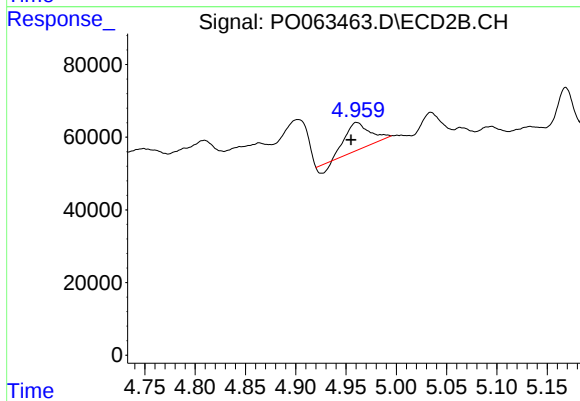
#6 AR-1016-4

R.T.: 4.809 min  
Delta R.T.: 0.059 min  
Response: 93362  
Conc: 83.59 ng/ml



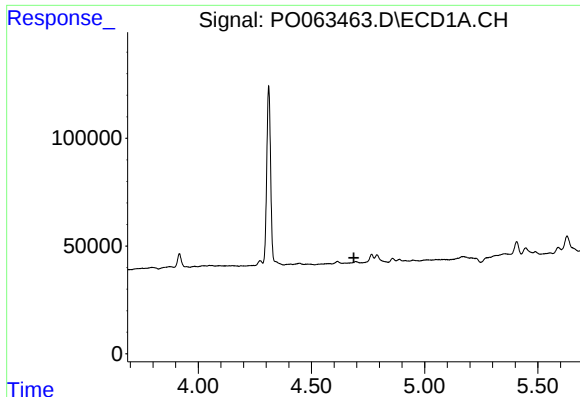
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 5.940 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

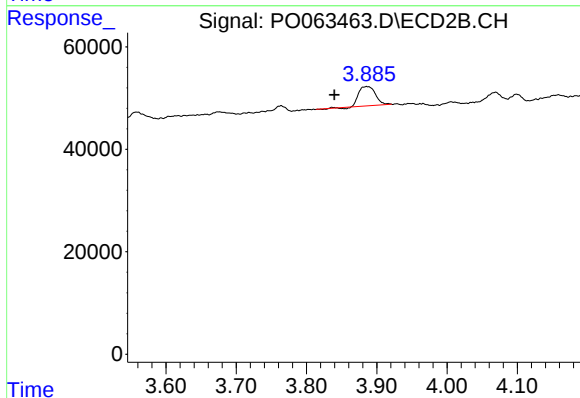
R.T.: 4.961 min  
Delta R.T.: 0.005 min  
Response: 115104  
Conc: 76.40 ng/ml



#10 AR-1221-3

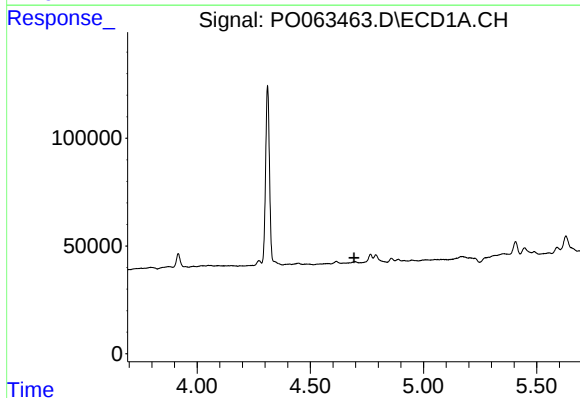
R.T.: 0.000 min  
Exp R.T. : 4.687 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



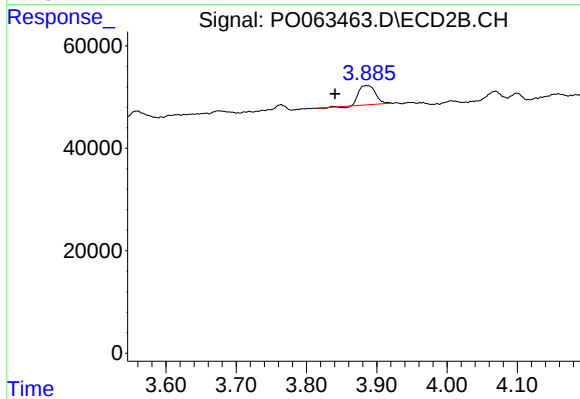
#10 AR-1221-3

R.T.: 3.886 min  
Delta R.T.: 0.046 min  
Response: 60843  
Conc: 49.48 ng/ml



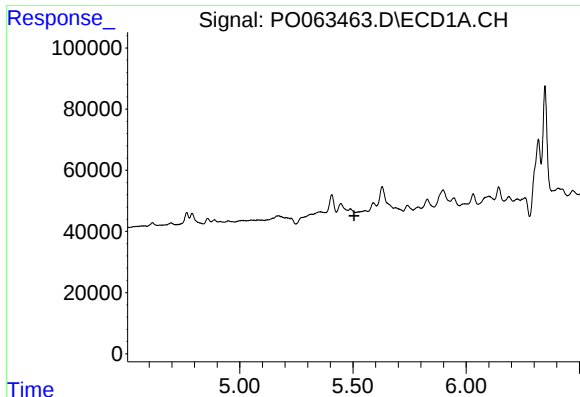
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.693 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

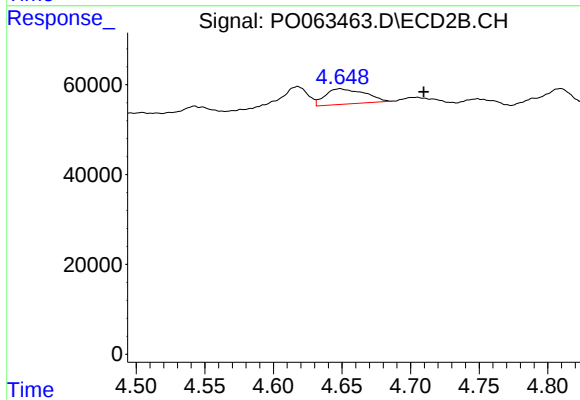
R.T.: 3.886 min  
Delta R.T.: 0.045 min  
Response: 60843  
Conc: 35.65 ng/ml



#13 AR-1232-3

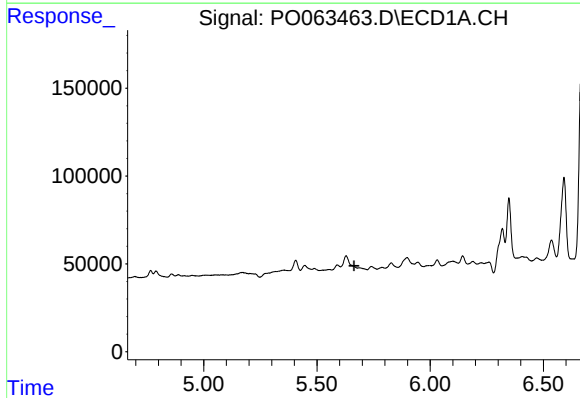
R.T.: 0.000 min  
Exp R.T.: 5.504 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



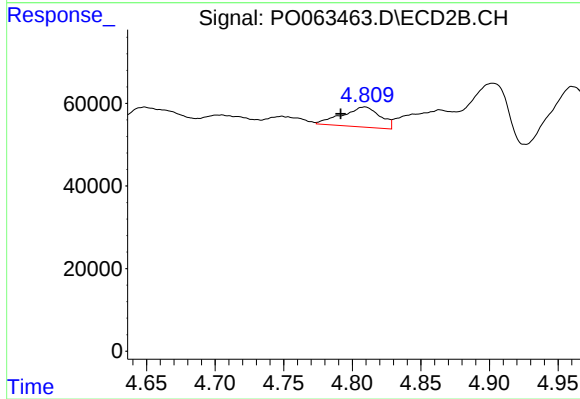
#13 AR-1232-3

R.T.: 4.649 min  
Delta R.T.: -0.061 min  
Response: 69169  
Conc: 71.50 ng/ml



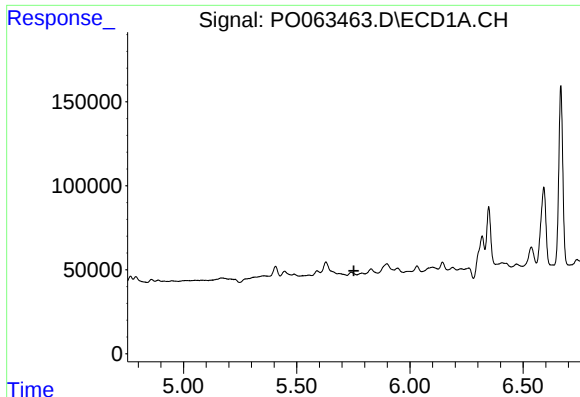
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.664 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

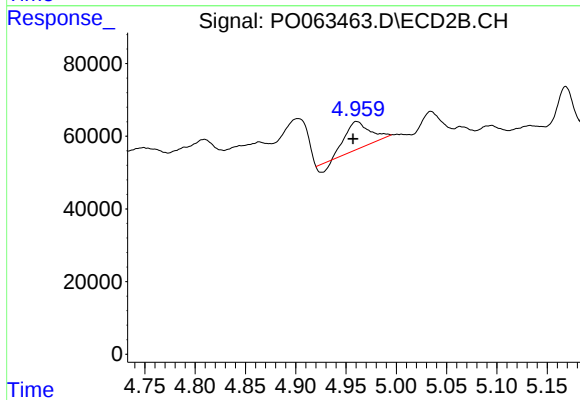
R.T.: 4.809 min  
Delta R.T.: 0.018 min  
Response: 93362  
Conc: 112.45 ng/ml



#15 AR-1232-5

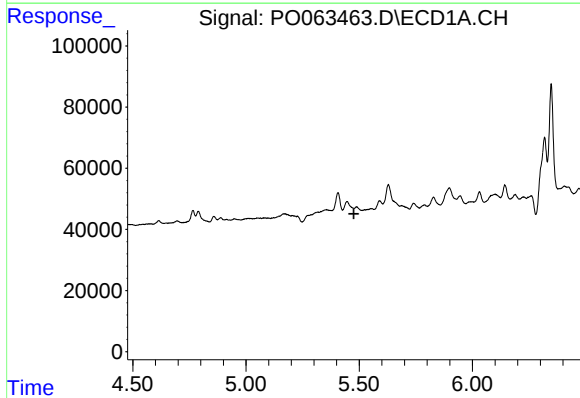
R.T.: 0.000 min  
Exp R.T.: 5.753 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



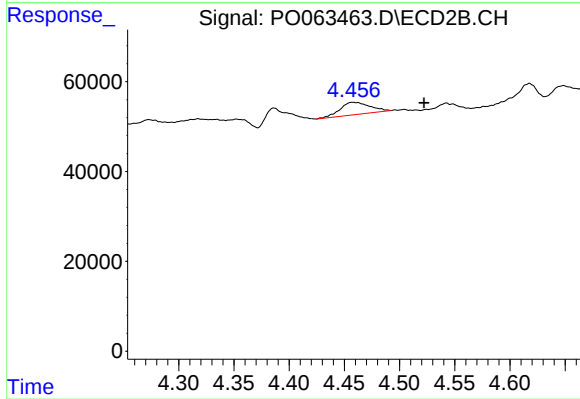
#15 AR-1232-5

R.T.: 4.961 min  
Delta R.T.: 0.004 min  
Response: 115104  
Conc: 122.98 ng/ml



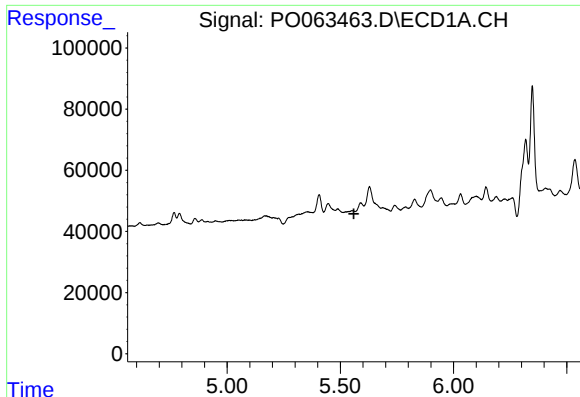
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 5.477 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

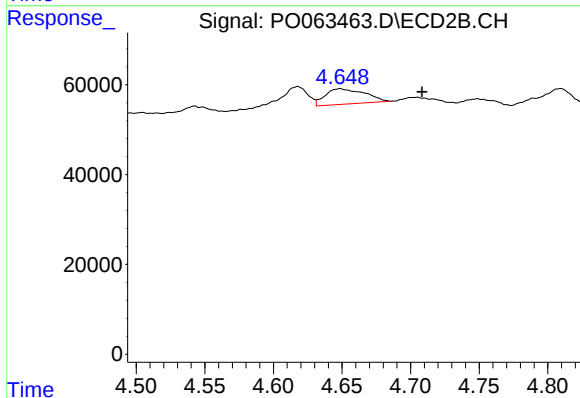
R.T.: 4.458 min  
Delta R.T.: -0.065 min  
Response: 51751  
Conc: 37.45 ng/ml



#18 AR-1242-3

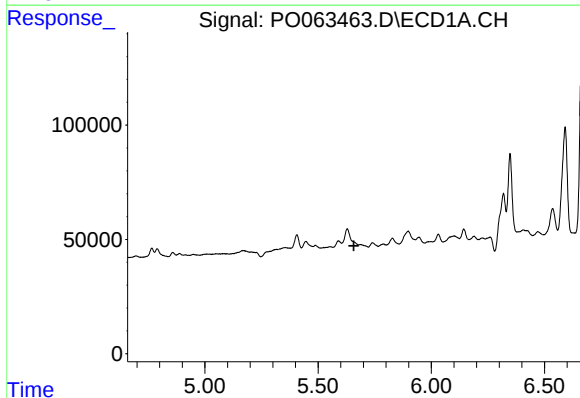
R.T.: 0.000 min  
Exp R.T.: 5.560 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



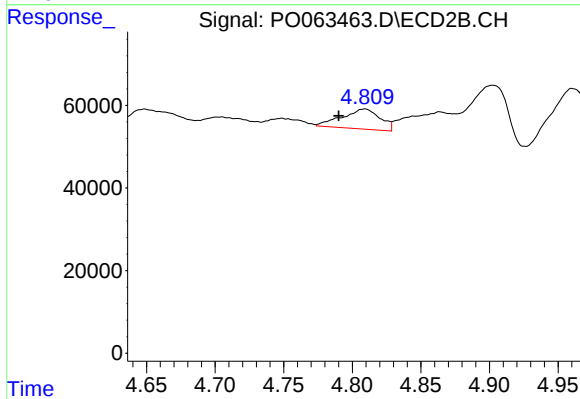
#18 AR-1242-3

R.T.: 4.649 min  
Delta R.T.: -0.060 min  
Response: 69169  
Conc: 66.00 ng/ml



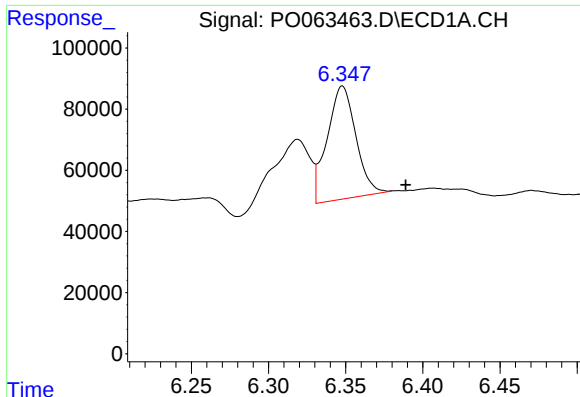
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.658 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

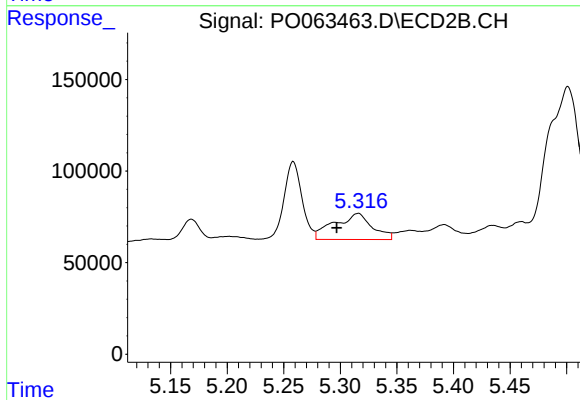
R.T.: 4.809 min  
Delta R.T.: 0.019 min  
Response: 93362  
Conc: 94.06 ng/ml



#20 AR-1242-5

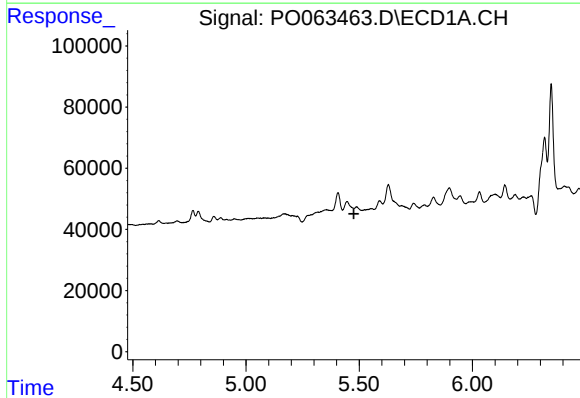
R.T.: 6.348 min  
Delta R.T.: -0.041 min  
Response: 478608  
Conc: 332.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



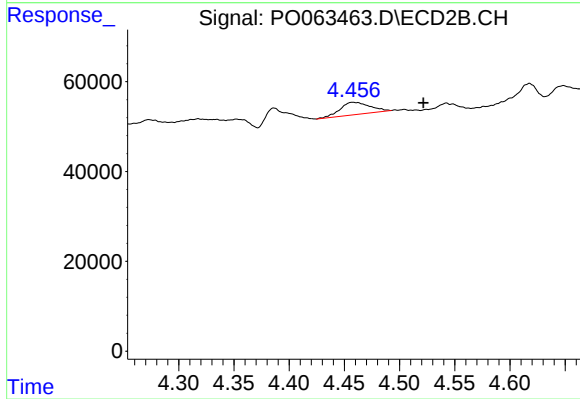
#20 AR-1242-5

R.T.: 5.316 min  
Delta R.T.: 0.019 min  
Response: 331575  
Conc: 237.34 ng/ml



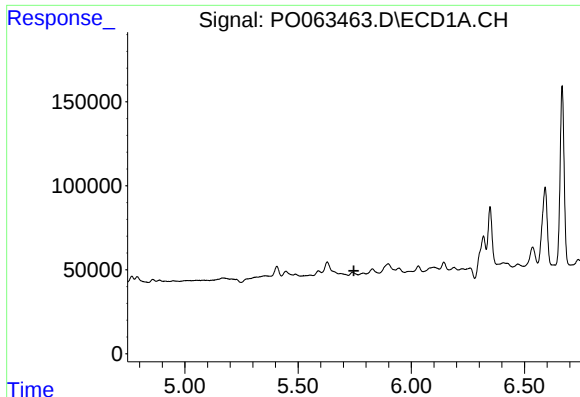
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.476 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

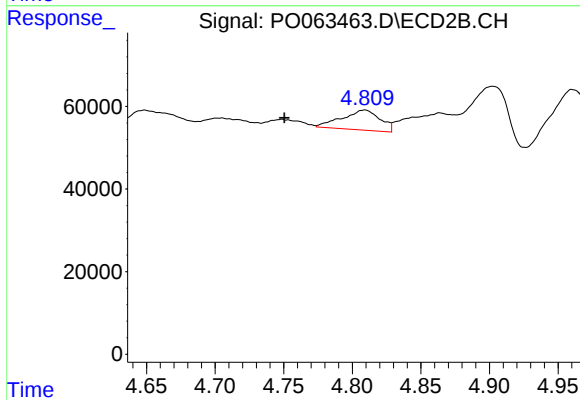
R.T.: 4.458 min  
Delta R.T.: -0.064 min  
Response: 51751  
Conc: 47.35 ng/ml



#22 AR-1248-2

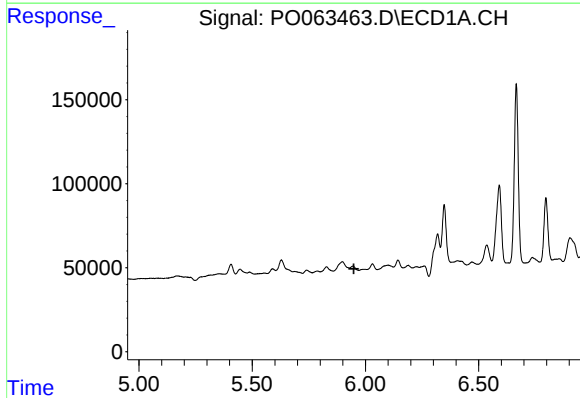
R.T.: 0.000 min  
Exp R.T.: 5.746 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



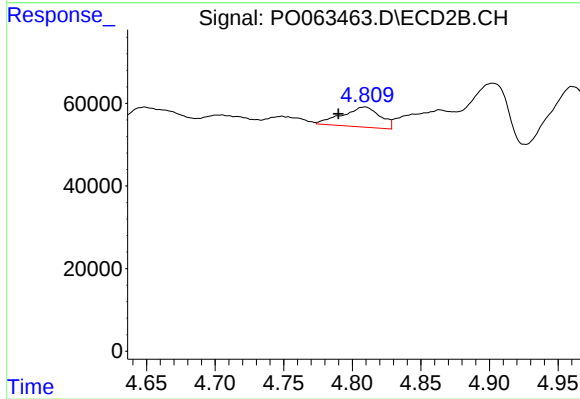
#22 AR-1248-2

R.T.: 4.809 min  
Delta R.T.: 0.059 min  
Response: 93362  
Conc: 66.76 ng/ml



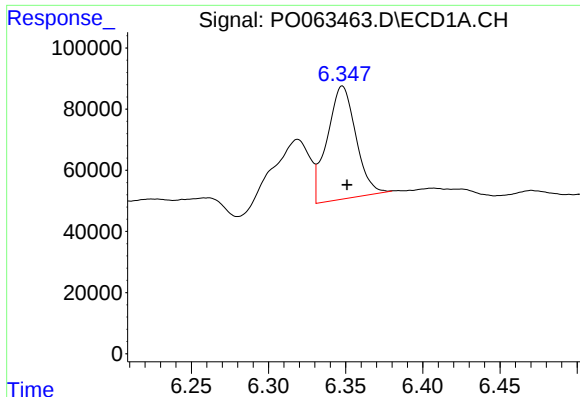
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 5.949 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

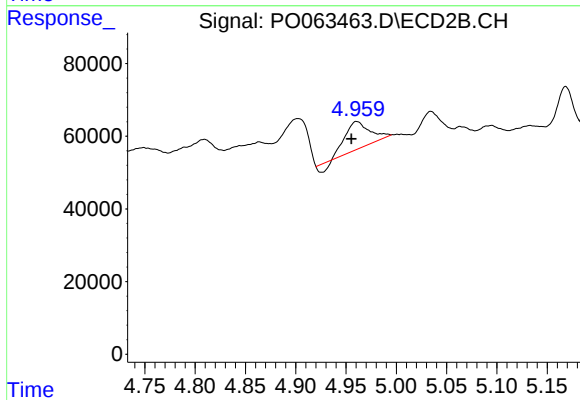
R.T.: 4.809 min  
Delta R.T.: 0.019 min  
Response: 93362  
Conc: 64.56 ng/ml



#24 AR-1248-4

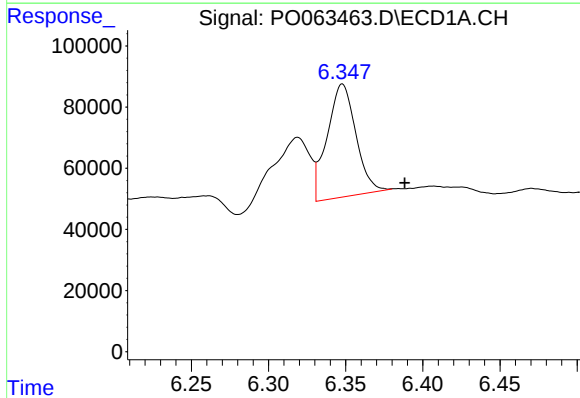
R.T.: 6.348 min  
Delta R.T.: -0.003 min  
Response: 478608  
Conc: 192.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



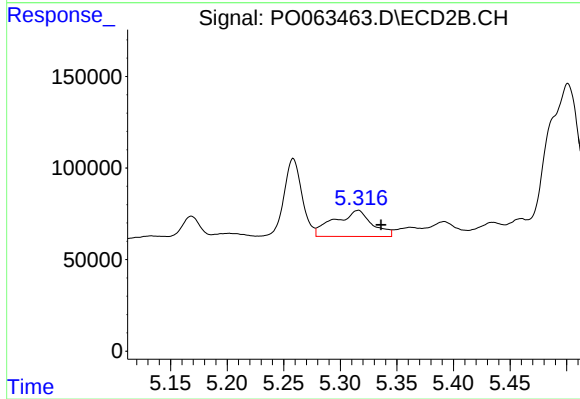
#24 AR-1248-4

R.T.: 4.961 min  
Delta R.T.: 0.005 min  
Response: 115104  
Conc: 63.92 ng/ml



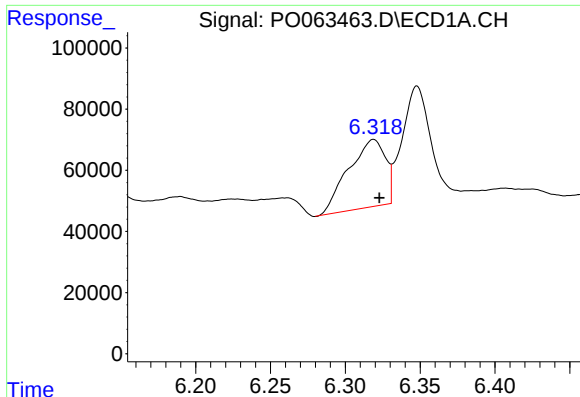
#25 AR-1248-5

R.T.: 6.348 min  
Delta R.T.: -0.040 min  
Response: 478608  
Conc: 205.01 ng/ml



#25 AR-1248-5

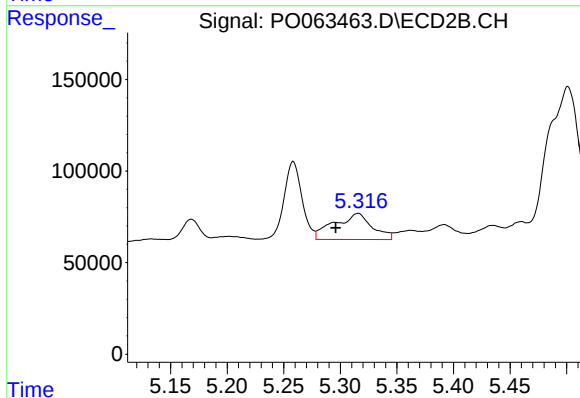
R.T.: 5.316 min  
Delta R.T.: -0.020 min  
Response: 331575  
Conc: 179.37 ng/ml



#26 AR-1254-1

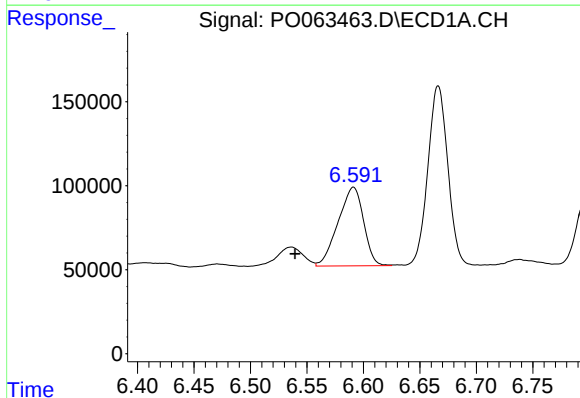
R.T.: 6.319 min  
Delta R.T.: -0.004 min  
Response: 377271  
Conc: 148.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



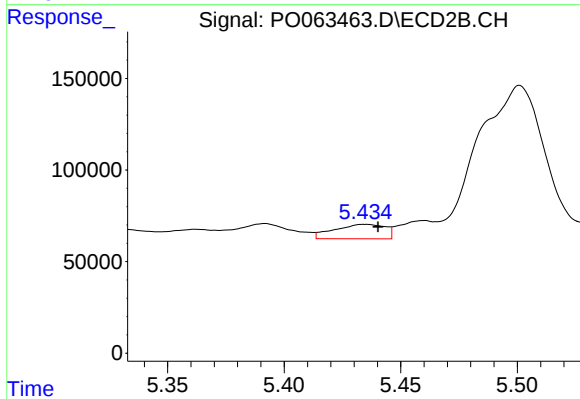
#26 AR-1254-1

R.T.: 5.316 min  
Delta R.T.: 0.020 min  
Response: 331575  
Conc: 110.07 ng/ml



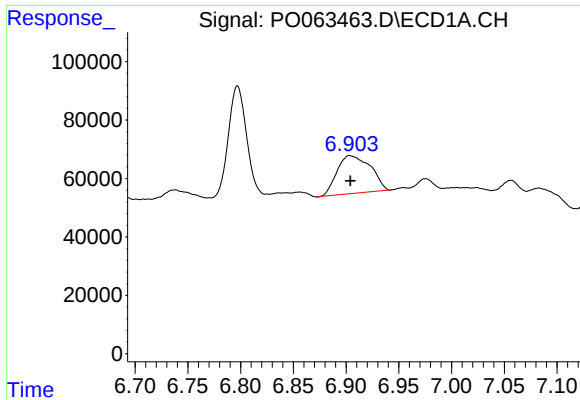
#27 AR-1254-2

R.T.: 6.591 min  
Delta R.T.: 0.052 min  
Response: 735112  
Conc: 181.73 ng/ml



#27 AR-1254-2

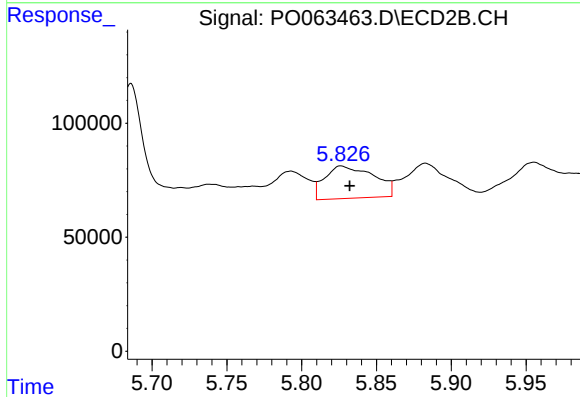
R.T.: 5.435 min  
Delta R.T.: -0.006 min  
Response: 120406  
Conc: 44.64 ng/ml



#28 AR-1254-3

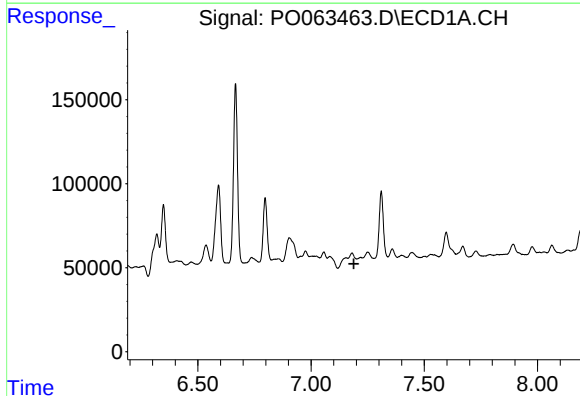
R.T.: 6.905 min  
Delta R.T.: 0.000 min  
Response: 283922  
Conc: 66.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



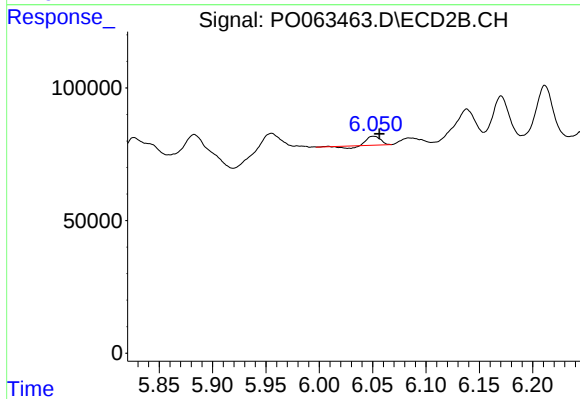
#28 AR-1254-3

R.T.: 5.826 min  
Delta R.T.: -0.006 min  
Response: 323772  
Conc: 75.41 ng/ml



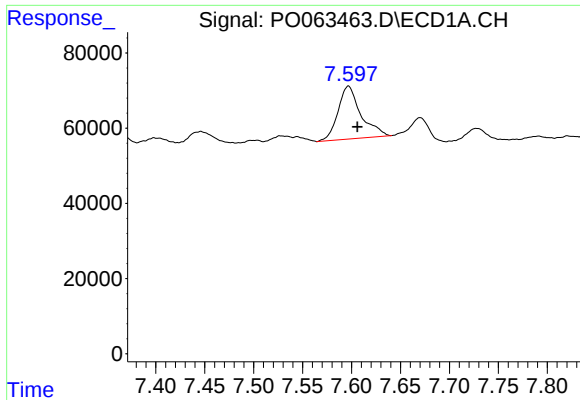
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.189 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

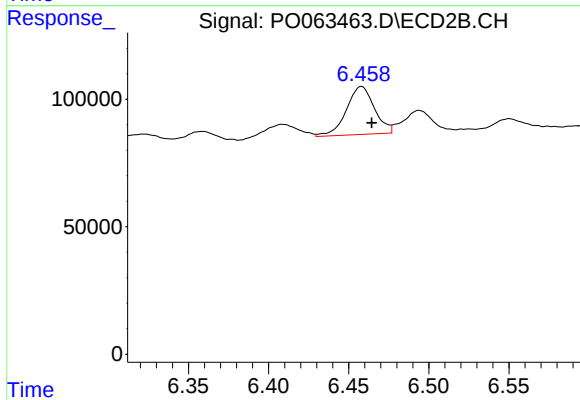
R.T.: 6.051 min  
Delta R.T.: -0.005 min  
Response: 23497  
Conc: 8.25 ng/ml



#30 AR-1254-5

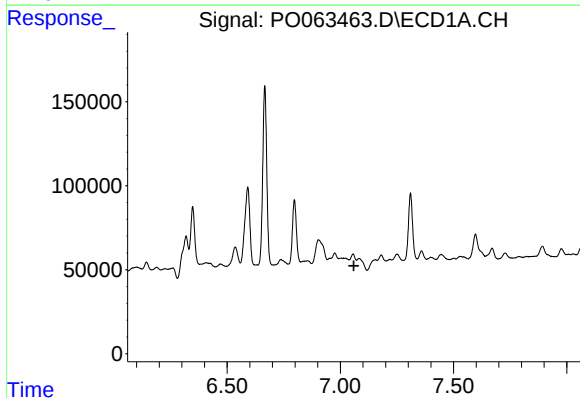
R.T.: 7.597 min  
Delta R.T.: -0.009 min  
Response: 228458  
Conc: 68.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



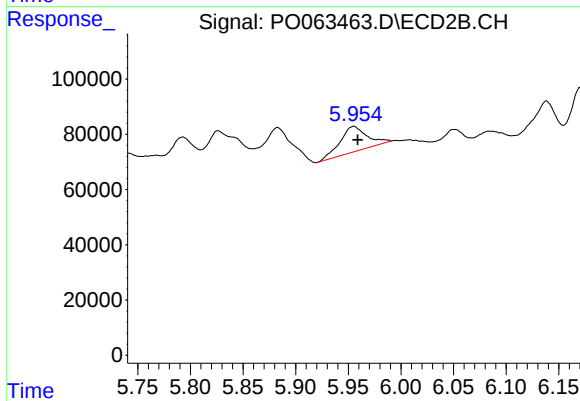
#30 AR-1254-5

R.T.: 6.458 min  
Delta R.T.: -0.006 min  
Response: 229066  
Conc: 61.45 ng/ml



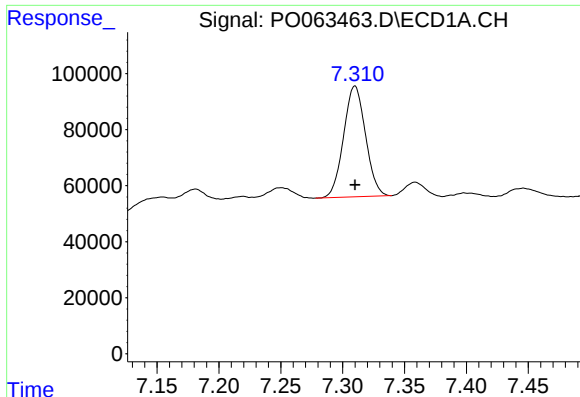
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 7.060 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

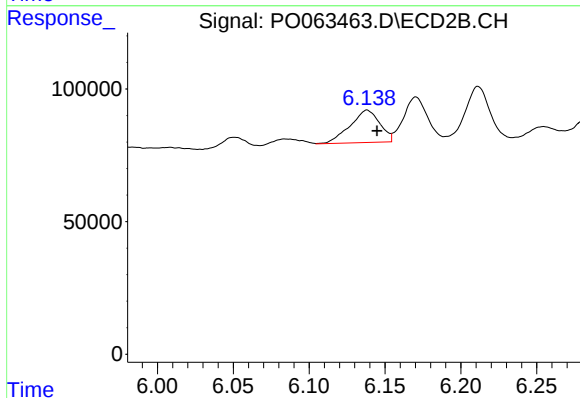
R.T.: 5.955 min  
Delta R.T.: -0.004 min  
Response: 163457  
Conc: 59.18 ng/ml



#32 AR-1260-2

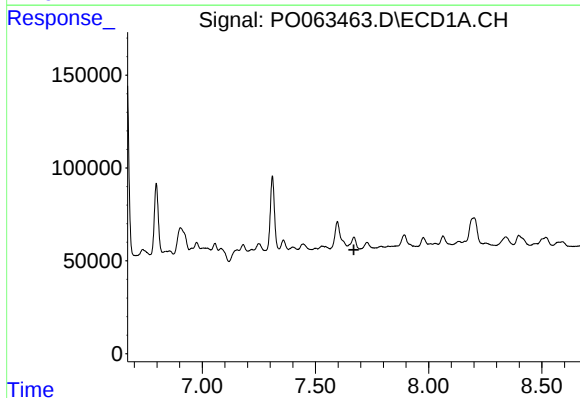
R.T.: 7.310 min  
Delta R.T.: 0.000 min  
Response: 487052  
Conc: 120.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



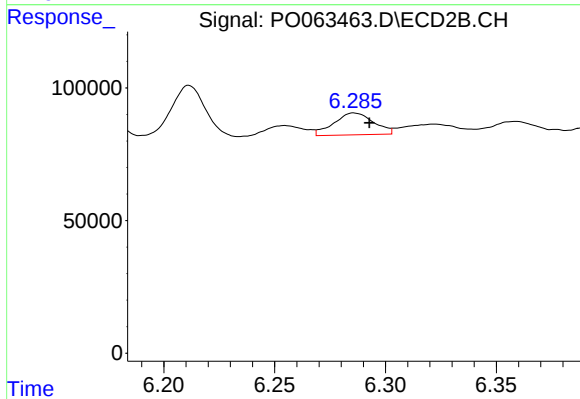
#32 AR-1260-2

R.T.: 6.138 min  
Delta R.T.: -0.006 min  
Response: 166511  
Conc: 43.40 ng/ml



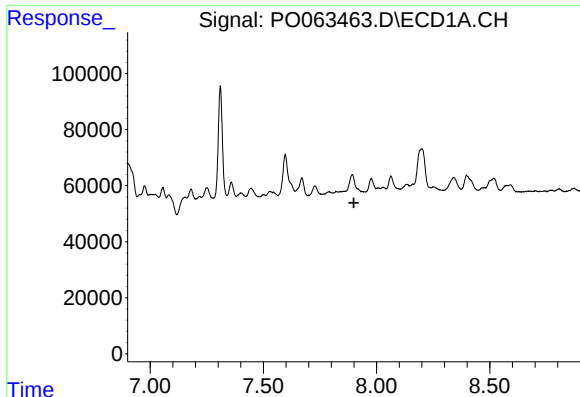
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.670 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

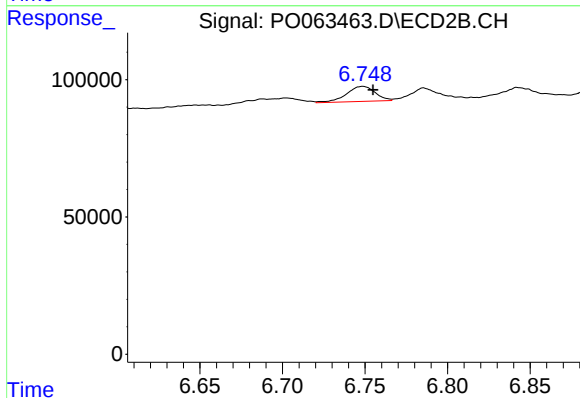
R.T.: 6.286 min  
Delta R.T.: -0.007 min  
Response: 102977  
Conc: 32.82 ng/ml



#34 AR-1260-4

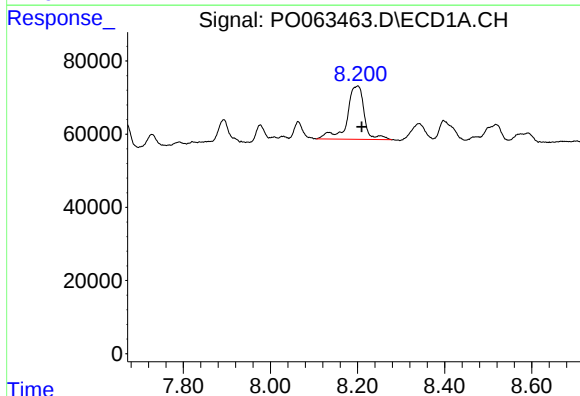
R.T.: 0.000 min  
Exp R.T.: 7.900 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



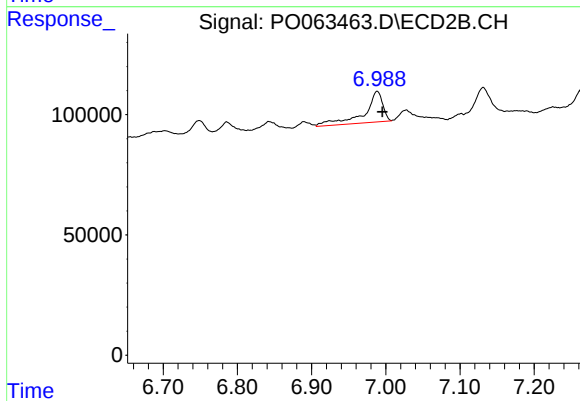
#34 AR-1260-4

R.T.: 6.749 min  
Delta R.T.: -0.006 min  
Response: 66573  
Conc: 26.29 ng/ml



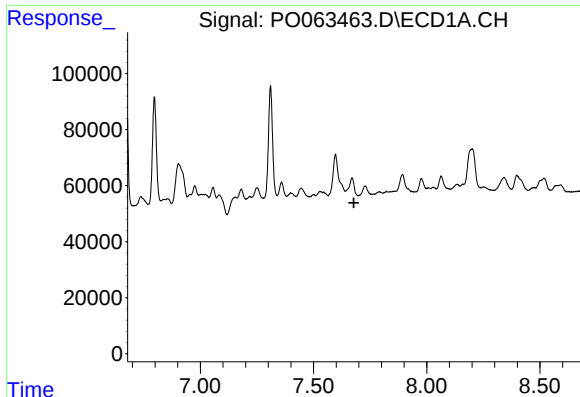
#35 AR-1260-5

R.T.: 8.200 min  
Delta R.T.: -0.010 min  
Response: 396671  
Conc: 67.64 ng/ml



#35 AR-1260-5

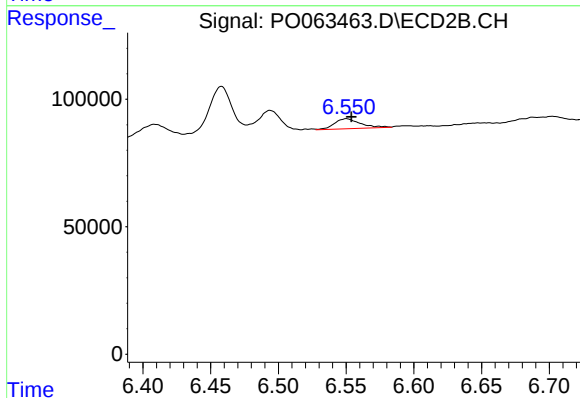
R.T.: 6.988 min  
Delta R.T.: -0.007 min  
Response: 220638  
Conc: 36.20 ng/ml



#36 AR-1262-1

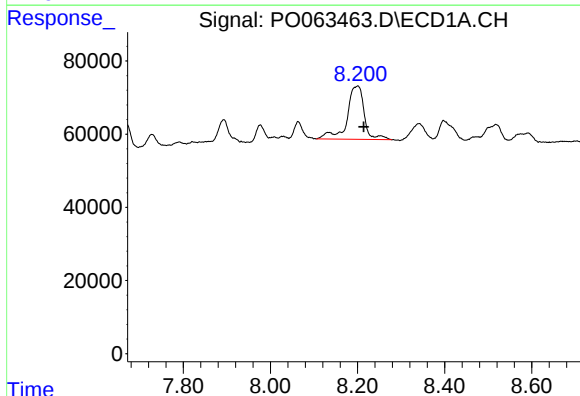
R.T.: 0.000 min  
Exp R.T.: 7.678 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



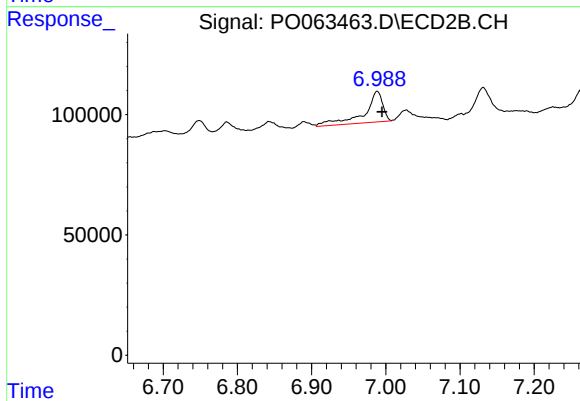
#36 AR-1262-1

R.T.: 6.550 min  
Delta R.T.: -0.004 min  
Response: 52847  
Conc: 29.04 ng/ml



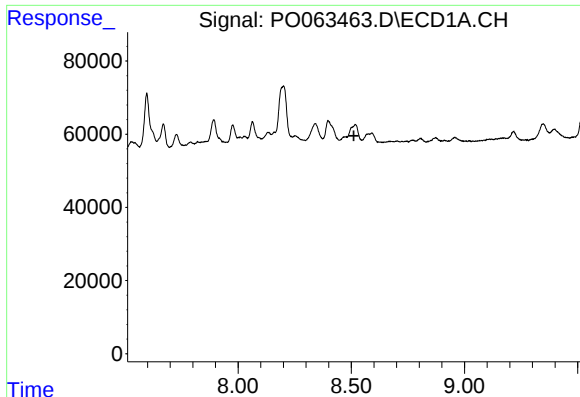
#37 AR-1262-2

R.T.: 8.200 min  
Delta R.T.: -0.015 min  
Response: 396671  
Conc: 56.90 ng/ml



#37 AR-1262-2

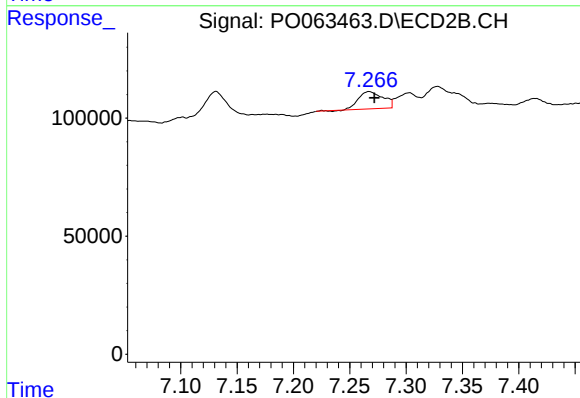
R.T.: 6.988 min  
Delta R.T.: -0.007 min  
Response: 220638  
Conc: 30.96 ng/ml



#38 AR-1262-3

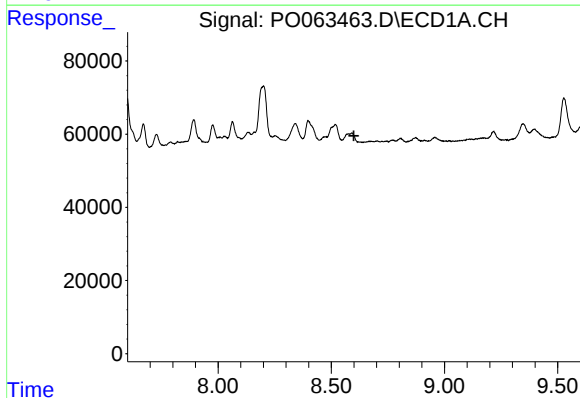
R.T.: 0.000 min  
Exp R.T.: 8.512 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



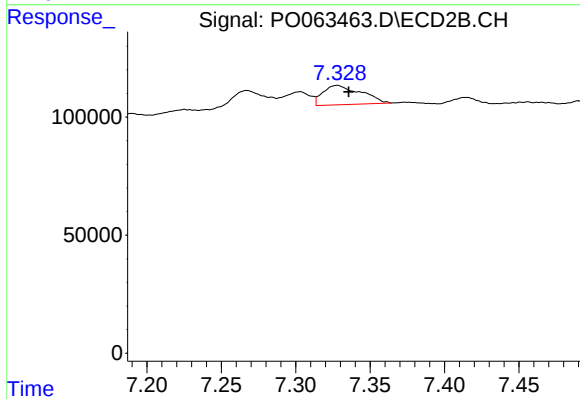
#38 AR-1262-3

R.T.: 7.267 min  
Delta R.T.: -0.005 min  
Response: 109409  
Conc: 40.82 ng/ml



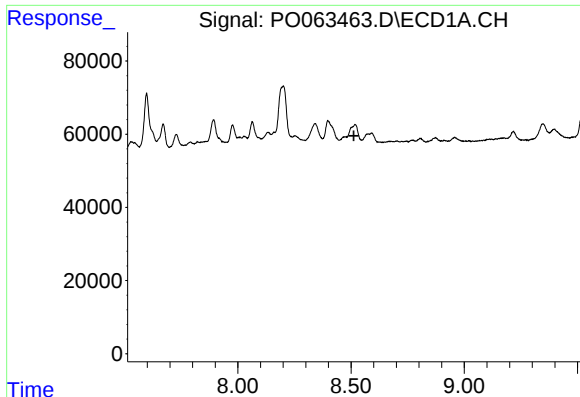
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 8.600 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

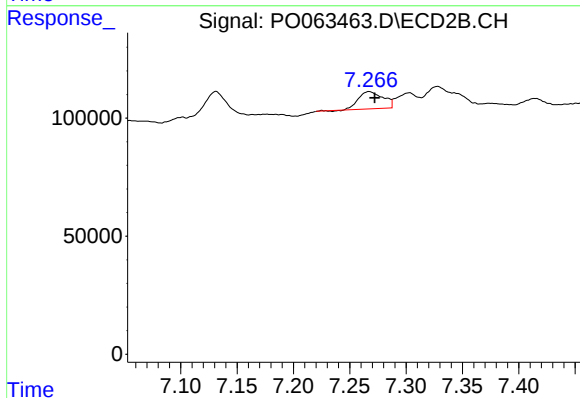
R.T.: 7.328 min  
Delta R.T.: -0.008 min  
Response: 145708  
Conc: 31.77 ng/ml



#41 AR-1268-1

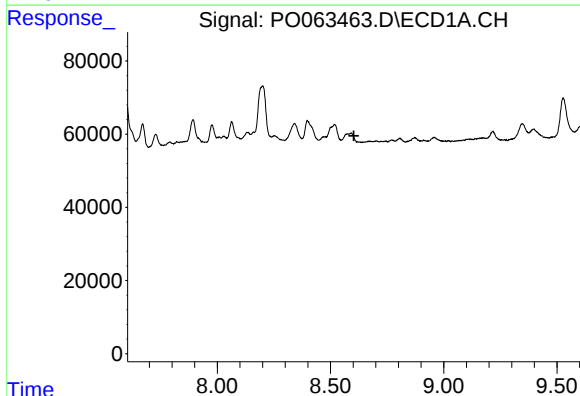
R.T.: 0.000 min  
Exp R.T.: 8.512 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



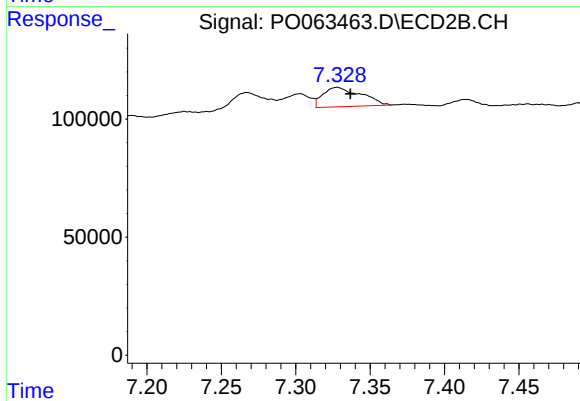
#41 AR-1268-1

R.T.: 7.267 min  
Delta R.T.: -0.005 min  
Response: 109409  
Conc: 13.73 ng/ml



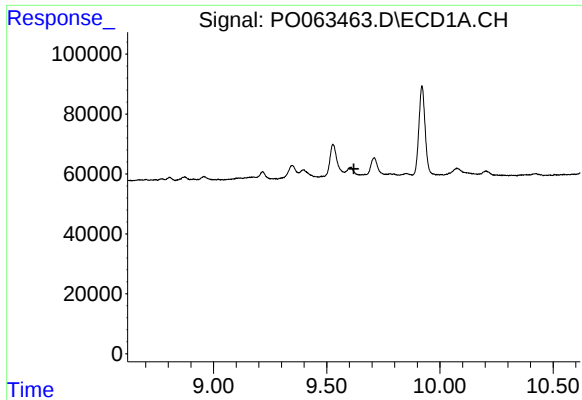
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.603 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

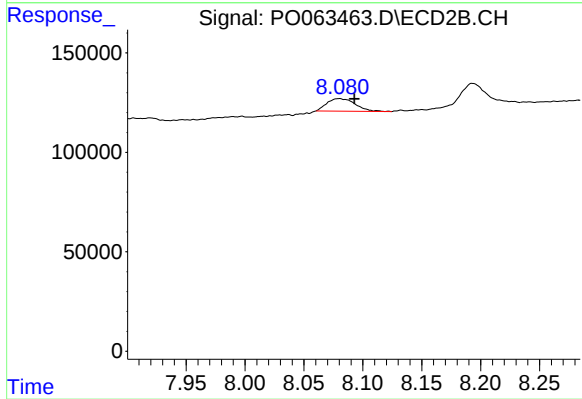
R.T.: 7.328 min  
Delta R.T.: -0.009 min  
Response: 145708  
Conc: 22.13 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.620 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S7-01-ARE



#45 AR-1268-5

R.T.: 8.080 min  
Delta R.T.: -0.013 min  
Response: 106429  
Conc: 7.11 ng/ml