

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0072619\  
 Data File : P0058399.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 25 Jul 2019 13:35  
 Operator : SM/AJ  
 Sample : K3929-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 30319

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 25 14:27:31 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0071719.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 17 11:13:08 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... | 4.187 | 3.527 | 526236 | 420795 | 15.529  | 13.120    |
| 2)                          | SA Decachlor... | 9.685 | 8.420 | 634007 | 435616 | 12.393  | 12.709    |
| Target Compounds            |                 |       |       |        |        |         |           |
| 3)                          | L1 AR-1016-1    | 5.365 | 4.604 | 142455 | 112486 | 92.309  | 94.120    |
| 4)                          | L1 AR-1016-2    | 5.365 | 4.604 | 142455 | 112486 | 63.069  | 63.489    |
| 5)                          | L1 AR-1016-3    | 5.425 | 4.777 | 85349  | 42287  | 60.306  | 45.047 #  |
| 6)                          | L1 AR-1016-4    | 5.523 | 4.817 | 75448  | 48364  | 66.246  | 62.127    |
| 7)                          | L1 AR-1016-5    | 5.811 | 5.027 | 59726  | 48404  | 52.068  | 47.214    |
| 9)                          | L2 AR-1221-2    | 4.500 | 3.843 | 130706 | 56147  | 422.592 | 212.686 # |
| 10)                         | L2 AR-1221-3    | 4.561 | 3.892 | 80153  | 46902  | 80.696  | 55.365 #  |
| 11)                         | L3 AR-1232-1    | 4.561 | 3.892 | 80153  | 46902  | 97.562  | 66.533 #  |
| 12)                         | L3 AR-1232-2    | 5.079 | 4.604 | 92065  | 112486 | 199.064 | 142.509 # |
| 13)                         | L3 AR-1232-3    | 5.365 | 4.777 | 142455 | 42287  | 143.032 | 102.752 # |
| 14)                         | L3 AR-1232-4    | 5.523 | 4.889 | 75448  | 22619  | 151.302 | 61.632 #  |
| 15)                         | L3 AR-1232-5    | 5.611 | 5.027 | 72705  | 48404  | 192.818 | 116.941 # |
| 16)                         | L4 AR-1242-1    | 5.365 | 4.604 | 142455 | 112486 | 116.312 | 118.035   |
| 17)                         | L4 AR-1242-2    | 5.365 | 4.604 | 142455 | 112486 | 77.588  | 80.627    |
| 18)                         | L4 AR-1242-3    | 5.425 | 4.777 | 85349  | 42287  | 73.505  | 55.154    |
| 19)                         | L4 AR-1242-4    | 5.523 | 4.889 | 75448  | 22619  | 80.024  | 29.802 #  |
| 20)                         | L4 AR-1242-5    | 6.247 | 5.395 | 51678  | 34891  | 44.627  | 36.616    |
| 21)                         | L5 AR-1248-1    | 5.365 | 4.604 | 142455 | 112486 | 152.385 | 153.173   |
| 22)                         | L5 AR-1248-2    | 5.611 | 4.817 | 72705  | 48364  | 53.958  | 47.463    |
| 23)                         | L5 AR-1248-3    | 5.811 | 4.889 | 59726  | 22619  | 38.526  | 21.518 #  |
| 24)                         | L5 AR-1248-4    | 6.212 | 5.027 | 120594 | 48404  | 61.596  | 37.592 #  |
| 25)                         | L5 AR-1248-5    | 6.247 | 5.411 | 51678  | 28077  | 27.115  | 22.210    |
| 26)                         | L6 AR-1254-1    | 6.184 | 5.395 | 77393  | 34891  | 39.382  | 17.125 #  |
| 27)                         | L6 AR-1254-2    | 6.405 | 5.583 | 75606  | 66846  | 23.128  | 36.889 #  |
| 28)                         | L6 AR-1254-3    | 6.787 | 0.000 | 134603 | 0      | 38.155  | N.D. #    |
| 29)                         | L6 AR-1254-4    | 7.048 | 6.226 | 199876 | 38184  | 67.553  | 20.666 #  |
| 30)                         | L6 AR-1254-5    | 7.461 | 6.548 | 125103 | 16810  | 42.621  | 6.184 #   |
| 31)                         | L7 AR-1260-1    | 6.899 | 0.000 | 127496 | 0      | 50.976  | N.D. #    |
| 32)                         | L7 AR-1260-2    | 7.161 | 6.226 | 235417 | 38184  | 66.959  | 14.848 #  |
| 33)                         | L7 AR-1260-3    | 7.535 | 0.000 | 98875  | 0      | 33.675  | N.D. #    |
| 34)                         | L7 AR-1260-4    | 7.824 | 0.000 | 47121  | 0      | 17.249  | N.D. #    |
| 35)                         | L7 AR-1260-5    | 0.000 | 7.035 | 0      | 65584  | N.D.    | 14.250 #  |
| 36)                         | L8 AR-1262-1    | 7.535 | 6.548 | 98875  | 16810  | 17.897  | 4.232 #   |
| 43)                         | L9 AR-1268-3    | 0.000 | 7.630 | 0      | 24705  | N.D.    | 4.101 #   |
| 45)                         | L9 AR-1268-5    | 0.000 | 8.192 | 0      | 9396   | N.D.    | 0.563 #   |
| -----                       |                 |       |       |        |        |         |           |

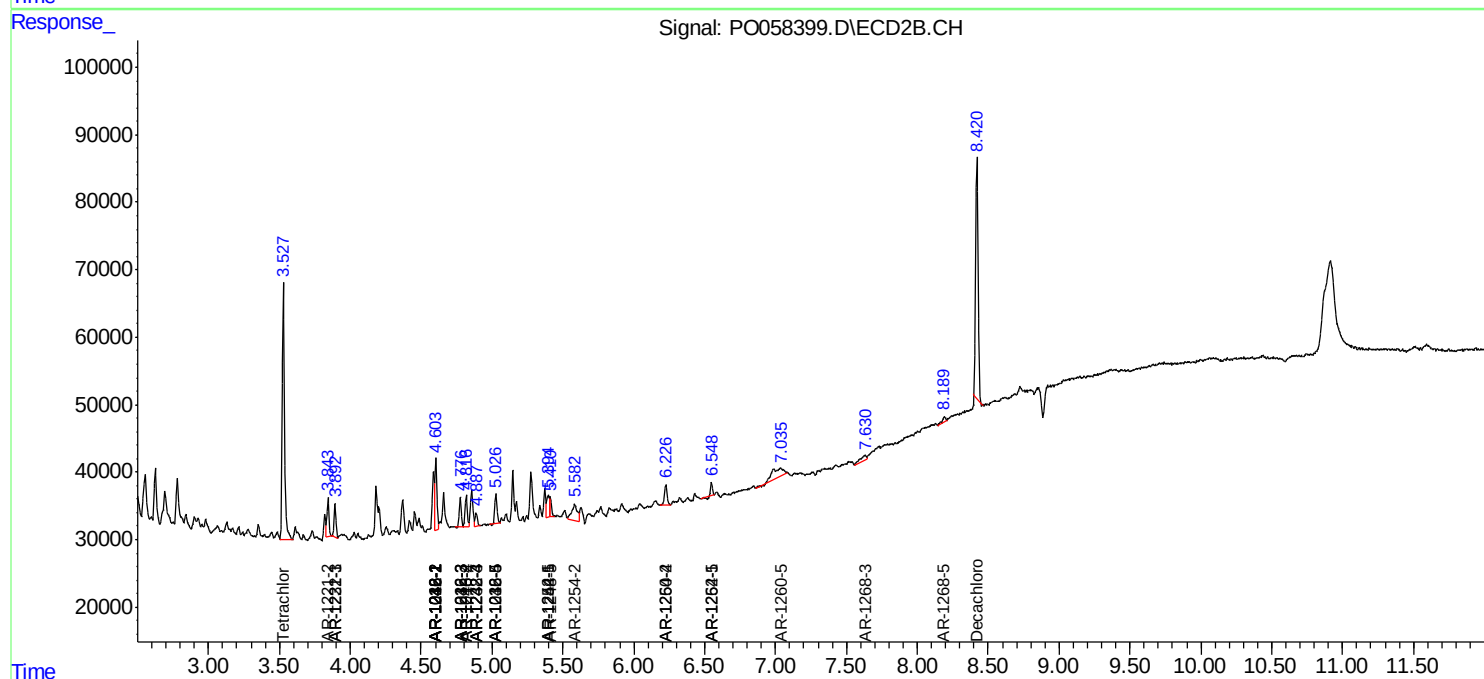
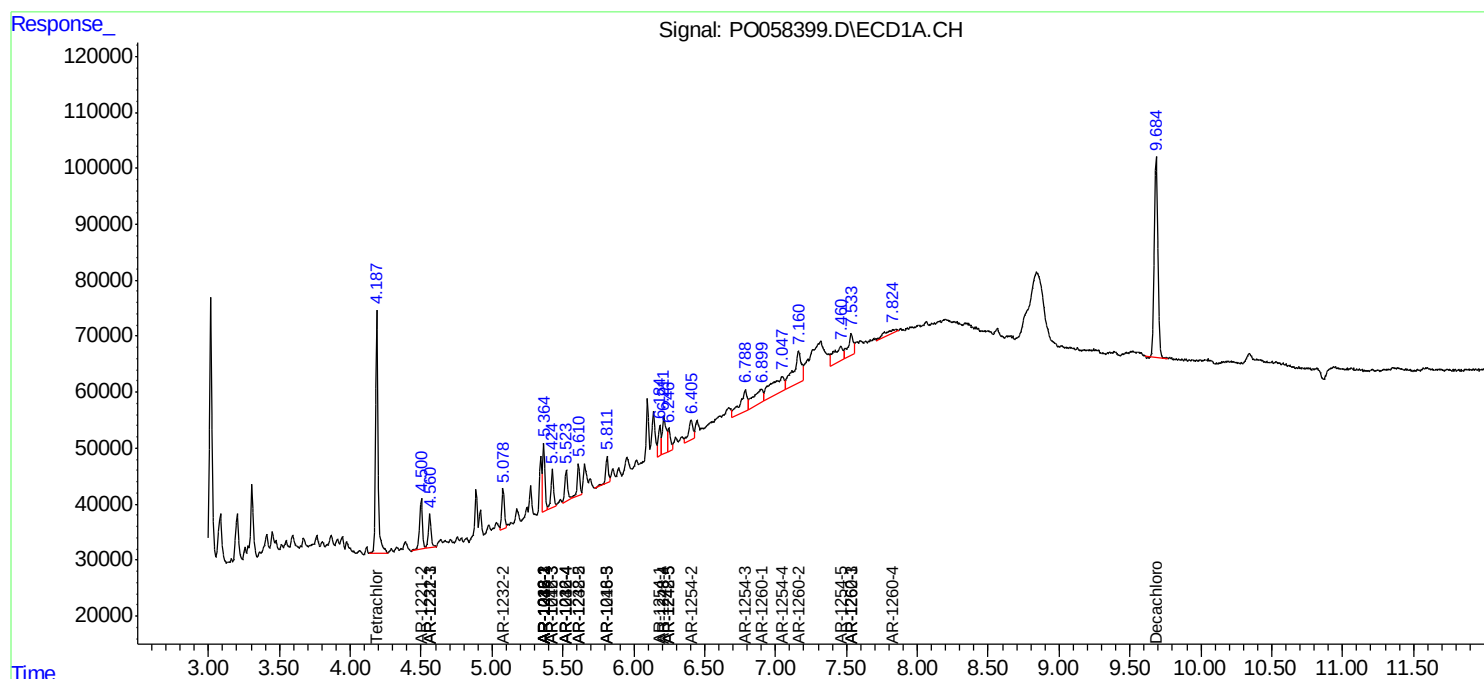
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

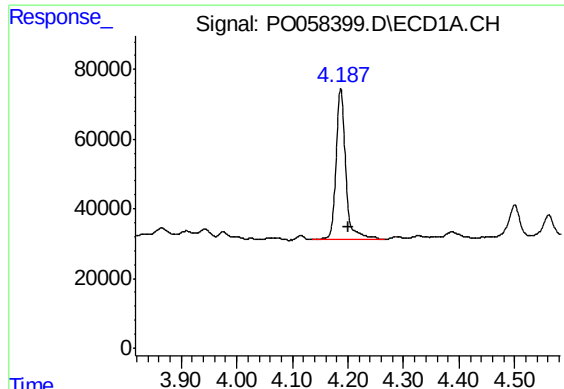
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO072619\  
Data File : PO058399.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 25 Jul 2019 13:35  
Operator : SM/AJ  
Sample : K3929-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
30319

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 25 14:27:31 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO071719.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 17 11:13:08 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

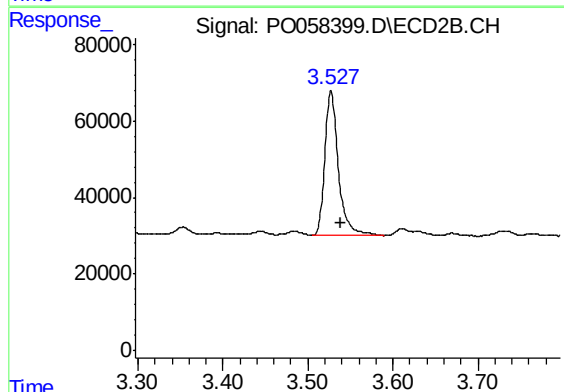




#1 Tetrachloro-m-xylene

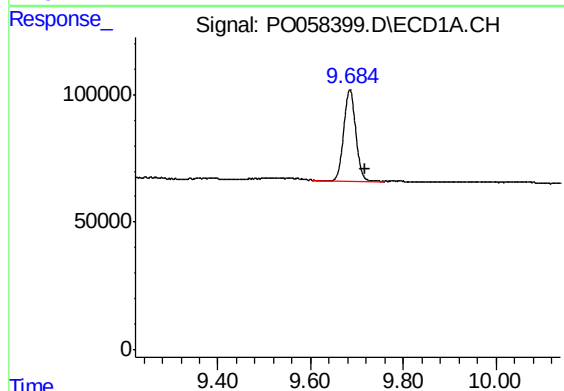
R.T.: 4.187 min  
Delta R.T.: -0.013 min  
Response: 526236  
Conc: 15.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



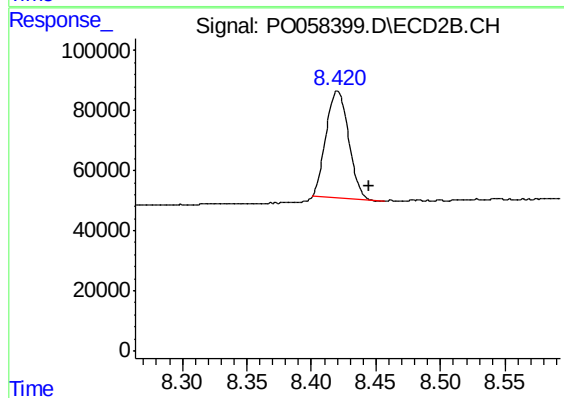
#1 Tetrachloro-m-xylene

R.T.: 3.527 min  
Delta R.T.: -0.012 min  
Response: 420795  
Conc: 13.12 ng/ml



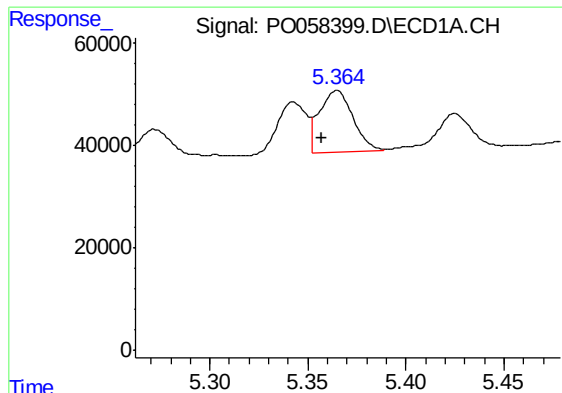
#2 Decachlorobiphenyl

R.T.: 9.685 min  
Delta R.T.: -0.033 min  
Response: 634007  
Conc: 12.39 ng/ml



#2 Decachlorobiphenyl

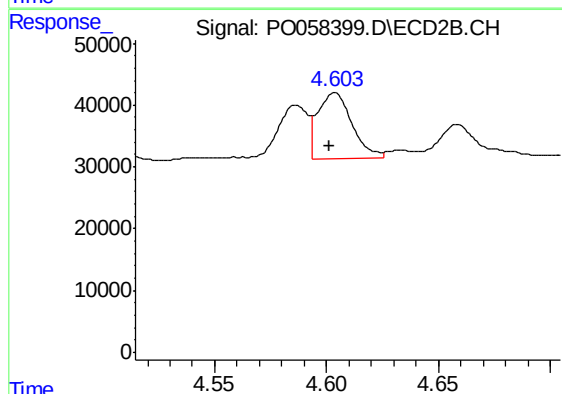
R.T.: 8.420 min  
Delta R.T.: -0.025 min  
Response: 435616  
Conc: 12.71 ng/ml



#3 AR-1016-1

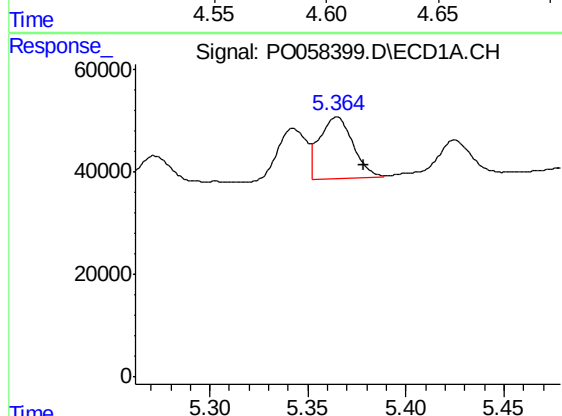
R.T.: 5.365 min  
Delta R.T.: 0.008 min  
Response: 142455  
Conc: 92.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



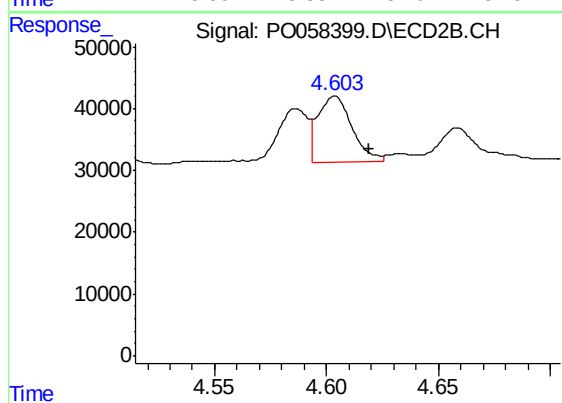
#3 AR-1016-1

R.T.: 4.604 min  
Delta R.T.: 0.003 min  
Response: 112486  
Conc: 94.12 ng/ml



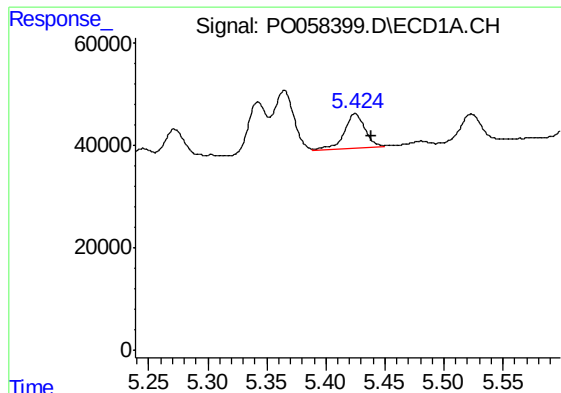
#4 AR-1016-2

R.T.: 5.365 min  
Delta R.T.: -0.014 min  
Response: 142455  
Conc: 63.07 ng/ml



#4 AR-1016-2

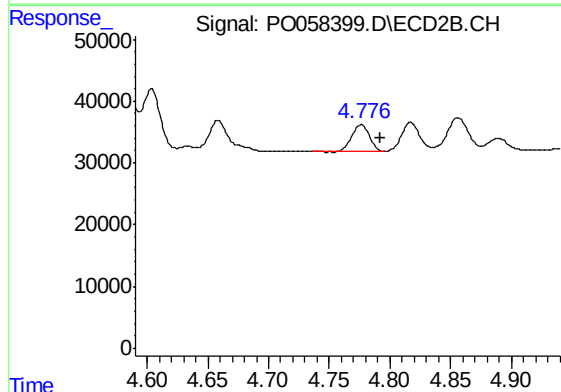
R.T.: 4.604 min  
Delta R.T.: -0.015 min  
Response: 112486  
Conc: 63.49 ng/ml



#5 AR-1016-3

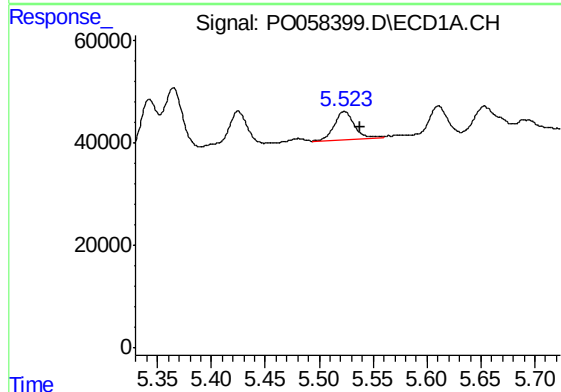
R.T.: 5.425 min  
Delta R.T.: -0.014 min  
Response: 85349  
Conc: 60.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



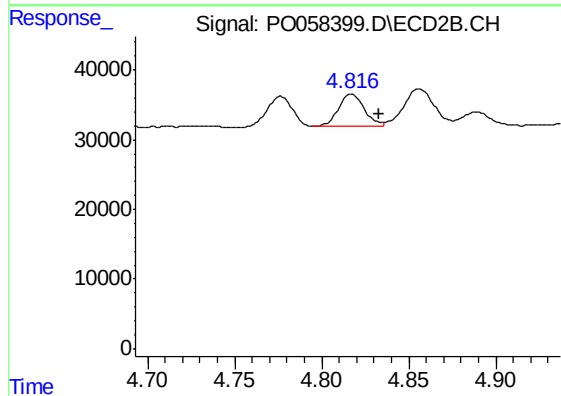
#5 AR-1016-3

R.T.: 4.777 min  
Delta R.T.: -0.016 min  
Response: 42287  
Conc: 45.05 ng/ml



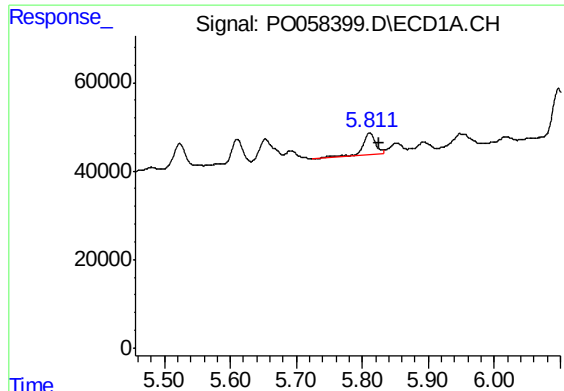
#6 AR-1016-4

R.T.: 5.523 min  
Delta R.T.: -0.014 min  
Response: 75448  
Conc: 66.25 ng/ml



#6 AR-1016-4

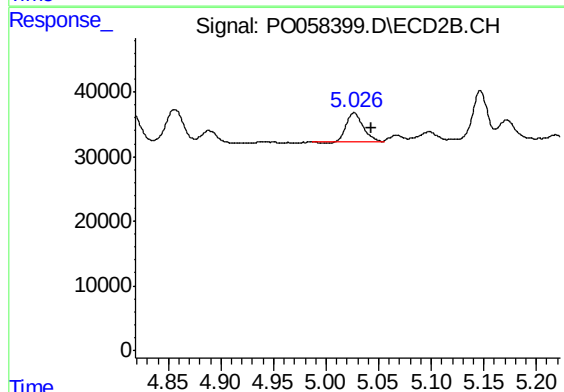
R.T.: 4.817 min  
Delta R.T.: -0.016 min  
Response: 48364  
Conc: 62.13 ng/ml



#7 AR-1016-5

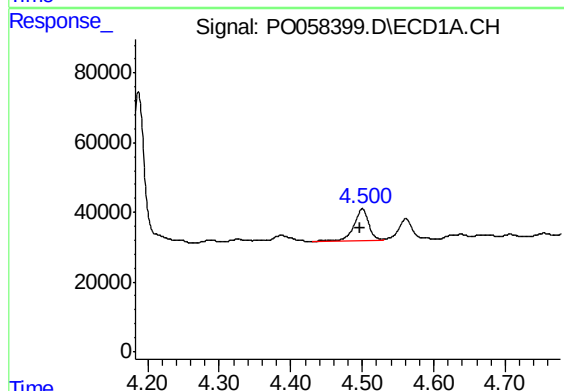
R.T.: 5.811 min  
Delta R.T.: -0.015 min  
Response: 59726  
Conc: 52.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



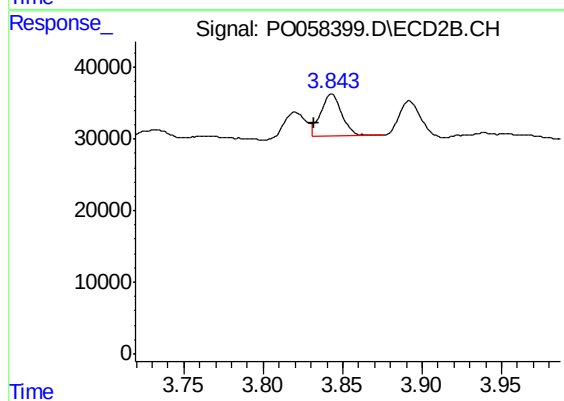
#7 AR-1016-5

R.T.: 5.027 min  
Delta R.T.: -0.017 min  
Response: 48404  
Conc: 47.21 ng/ml



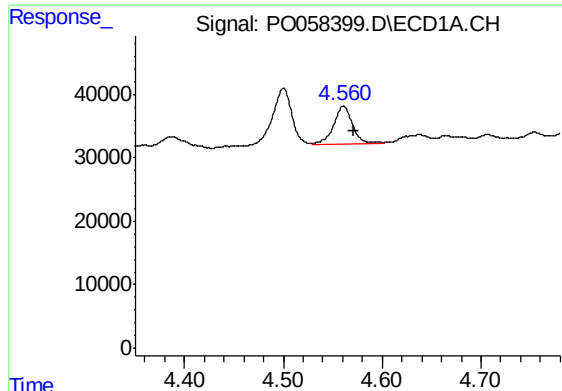
#9 AR-1221-2

R.T.: 4.500 min  
Delta R.T.: 0.004 min  
Response: 130706  
Conc: 422.59 ng/ml



#9 AR-1221-2

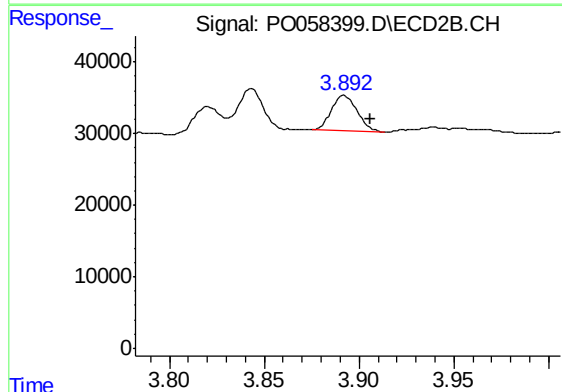
R.T.: 3.843 min  
Delta R.T.: 0.011 min  
Response: 56147  
Conc: 212.69 ng/ml



#10 AR-1221-3

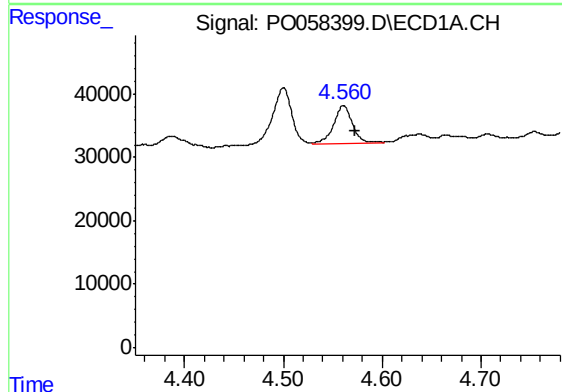
R.T.: 4.561 min  
Delta R.T.: -0.011 min  
Response: 80153  
Conc: 80.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



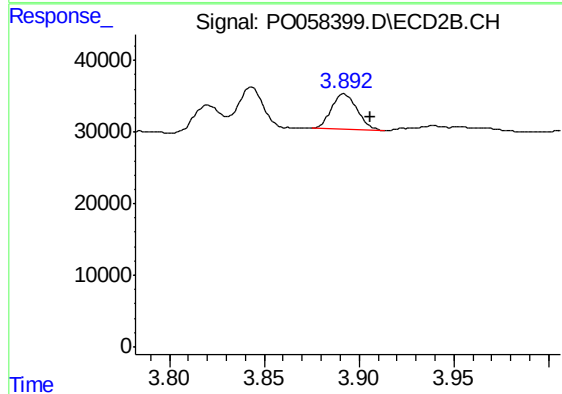
#10 AR-1221-3

R.T.: 3.892 min  
Delta R.T.: -0.014 min  
Response: 46902  
Conc: 55.36 ng/ml



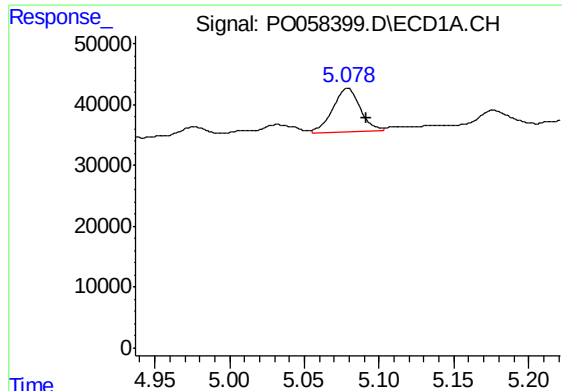
#11 AR-1232-1

R.T.: 4.561 min  
Delta R.T.: -0.012 min  
Response: 80153  
Conc: 97.56 ng/ml



#11 AR-1232-1

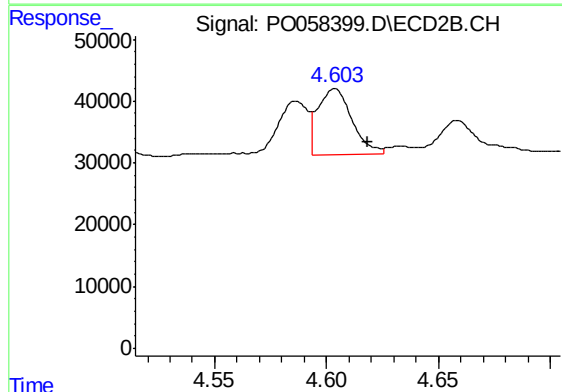
R.T.: 3.892 min  
Delta R.T.: -0.013 min  
Response: 46902  
Conc: 66.53 ng/ml



#12 AR-1232-2

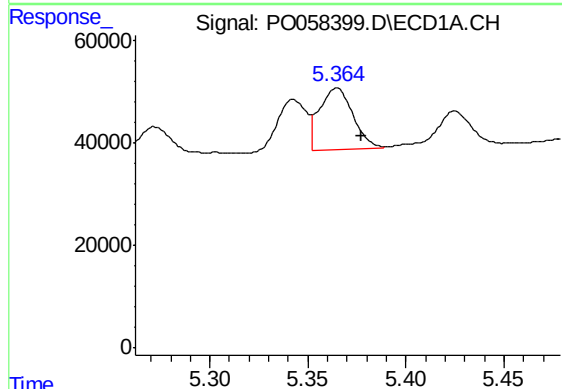
R.T.: 5.079 min  
Delta R.T.: -0.013 min  
Response: 92065  
Conc: 199.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



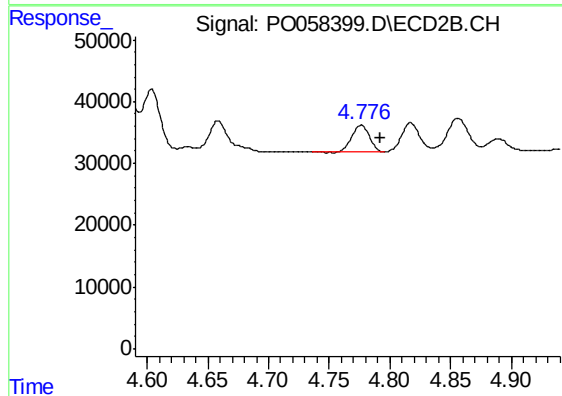
#12 AR-1232-2

R.T.: 4.604 min  
Delta R.T.: -0.015 min  
Response: 112486  
Conc: 142.51 ng/ml



#13 AR-1232-3

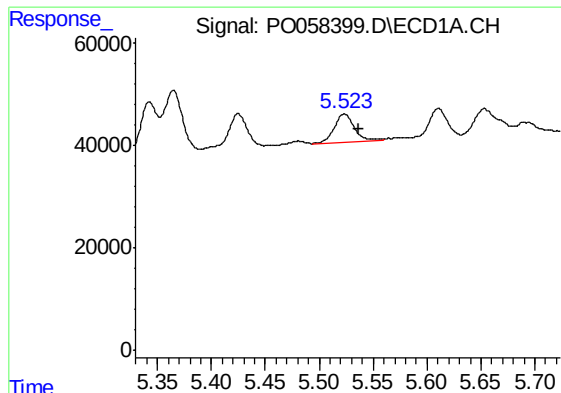
R.T.: 5.365 min  
Delta R.T.: -0.013 min  
Response: 142455  
Conc: 143.03 ng/ml



#13 AR-1232-3

R.T.: 4.777 min  
Delta R.T.: -0.015 min  
Response: 42287  
Conc: 102.75 ng/ml

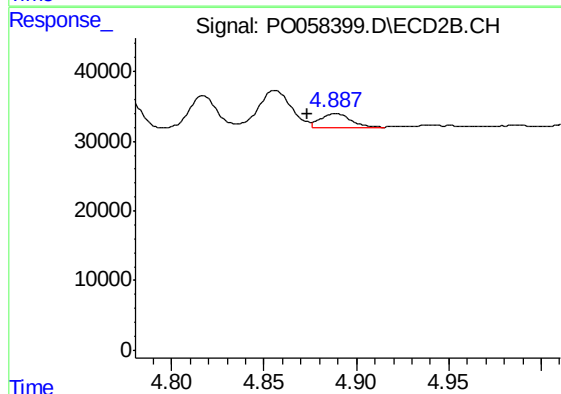




#14 AR-1232-4

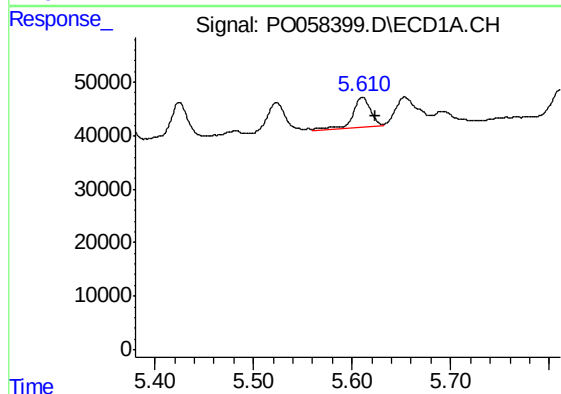
R.T.: 5.523 min  
Delta R.T.: -0.014 min  
Response: 75448  
Conc: 151.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



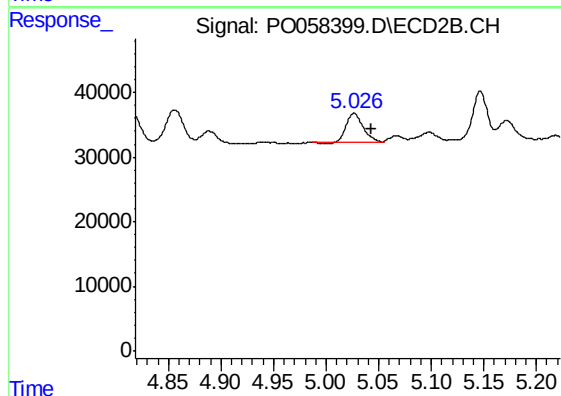
#14 AR-1232-4

R.T.: 4.889 min  
Delta R.T.: 0.015 min  
Response: 22619  
Conc: 61.63 ng/ml



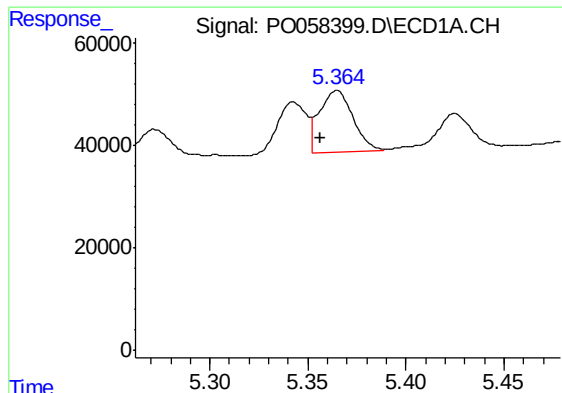
#15 AR-1232-5

R.T.: 5.611 min  
Delta R.T.: -0.014 min  
Response: 72705  
Conc: 192.82 ng/ml



#15 AR-1232-5

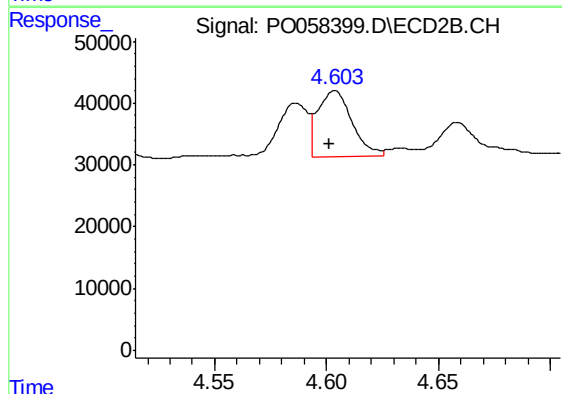
R.T.: 5.027 min  
Delta R.T.: -0.017 min  
Response: 48404  
Conc: 116.94 ng/ml



#16 AR-1242-1

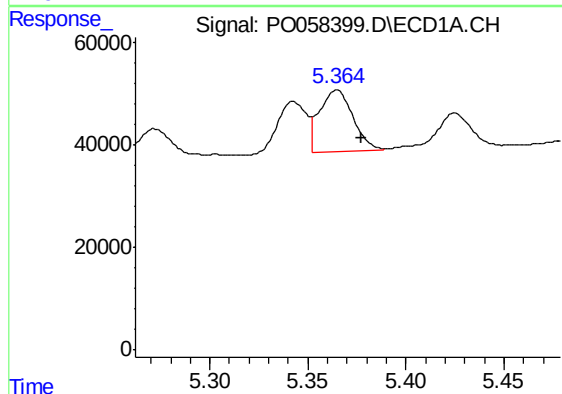
R.T.: 5.365 min  
Delta R.T.: 0.009 min  
Response: 142455  
Conc: 116.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



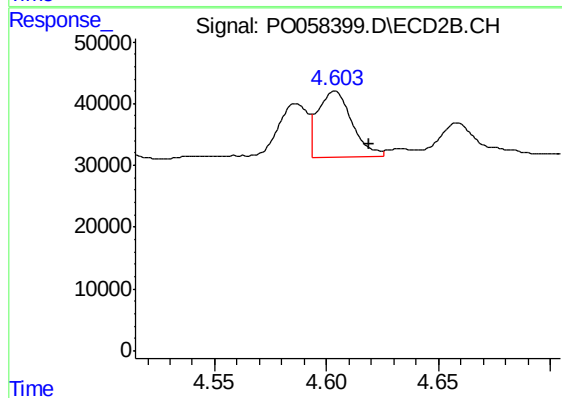
#16 AR-1242-1

R.T.: 4.604 min  
Delta R.T.: 0.003 min  
Response: 112486  
Conc: 118.03 ng/ml



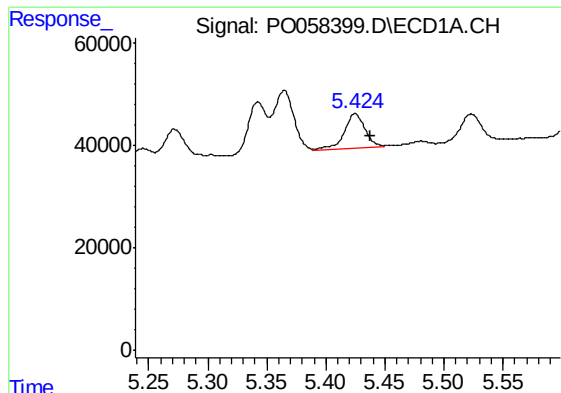
#17 AR-1242-2

R.T.: 5.365 min  
Delta R.T.: -0.013 min  
Response: 142455  
Conc: 77.59 ng/ml



#17 AR-1242-2

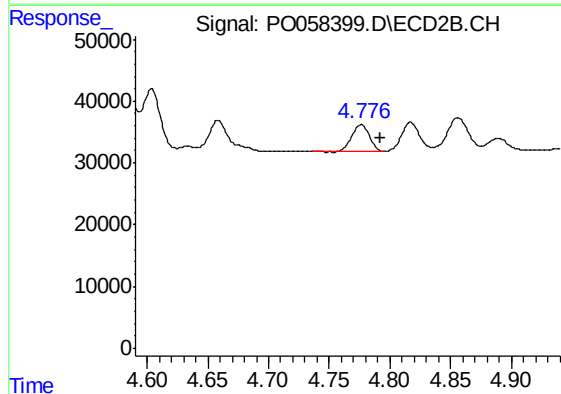
R.T.: 4.604 min  
Delta R.T.: -0.015 min  
Response: 112486  
Conc: 80.63 ng/ml



#18 AR-1242-3

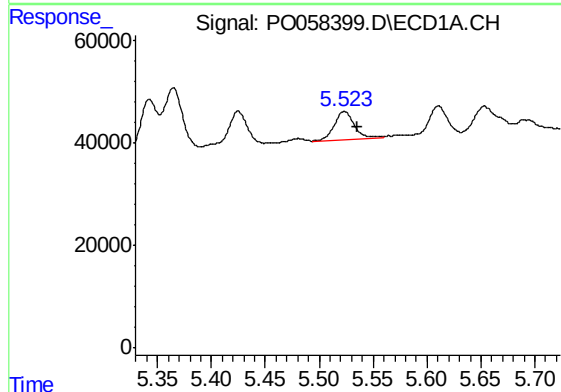
R.T.: 5.425 min  
Delta R.T.: -0.013 min  
Response: 85349  
Conc: 73.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



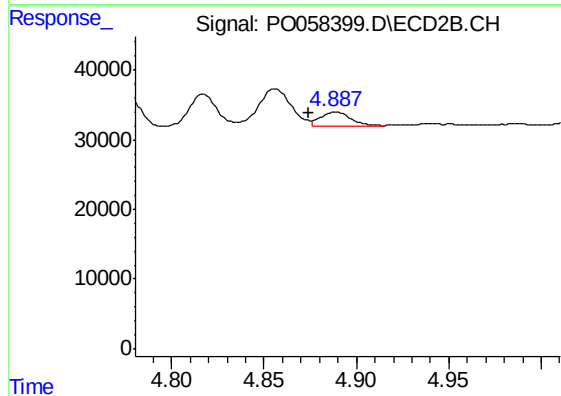
#18 AR-1242-3

R.T.: 4.777 min  
Delta R.T.: -0.015 min  
Response: 42287  
Conc: 55.15 ng/ml



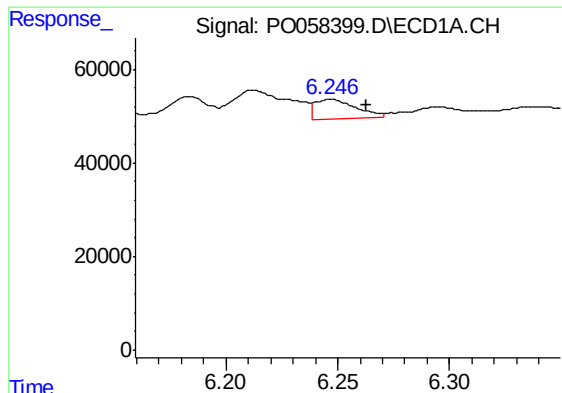
#19 AR-1242-4

R.T.: 5.523 min  
Delta R.T.: -0.013 min  
Response: 75448  
Conc: 80.02 ng/ml



#19 AR-1242-4

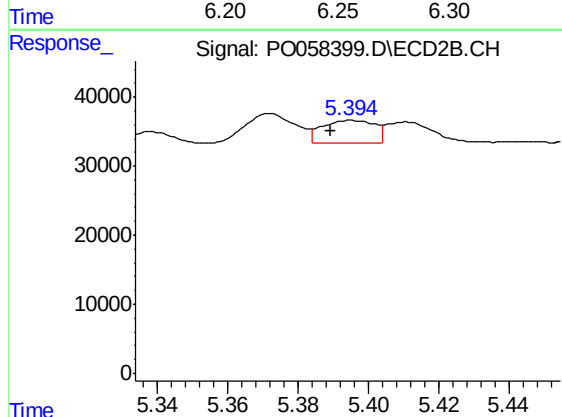
R.T.: 4.889 min  
Delta R.T.: 0.015 min  
Response: 22619  
Conc: 29.80 ng/ml



#20 AR-1242-5

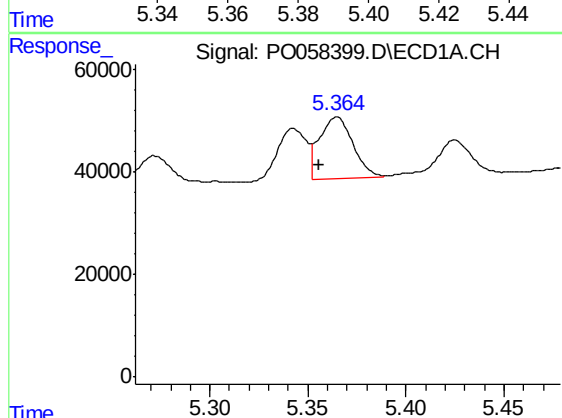
R.T.: 6.247 min  
Delta R.T.: -0.015 min  
Response: 51678  
Conc: 44.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



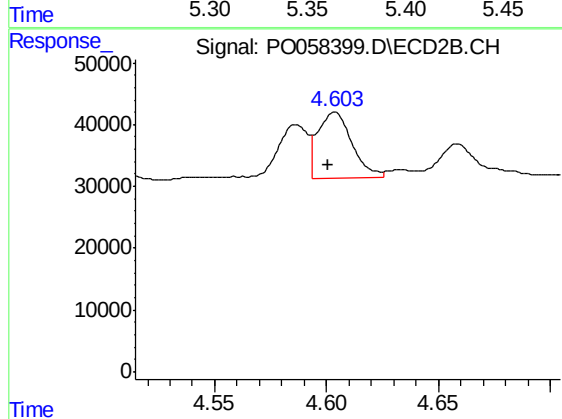
#20 AR-1242-5

R.T.: 5.395 min  
Delta R.T.: 0.006 min  
Response: 34891  
Conc: 36.62 ng/ml



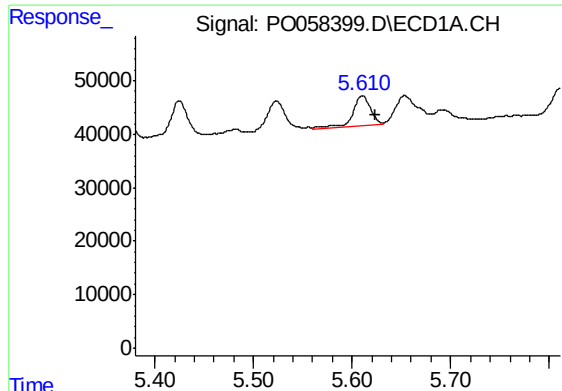
#21 AR-1248-1

R.T.: 5.365 min  
Delta R.T.: 0.009 min  
Response: 142455  
Conc: 152.39 ng/ml



#21 AR-1248-1

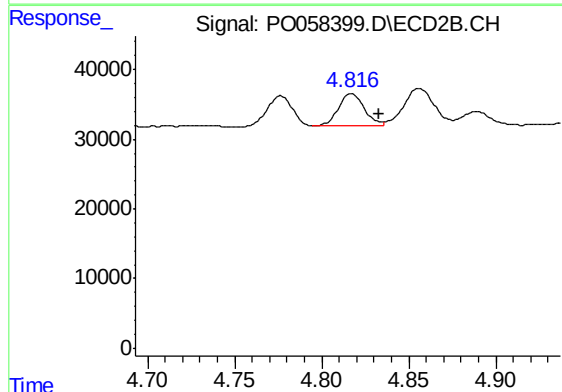
R.T.: 4.604 min  
Delta R.T.: 0.003 min  
Response: 112486  
Conc: 153.17 ng/ml



#22 AR-1248-2

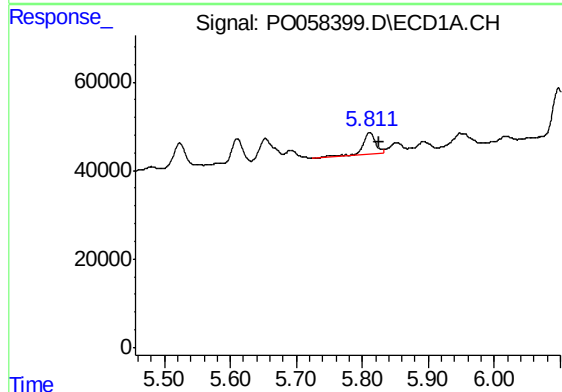
R.T.: 5.611 min  
Delta R.T.: -0.014 min  
Response: 72705  
Conc: 53.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



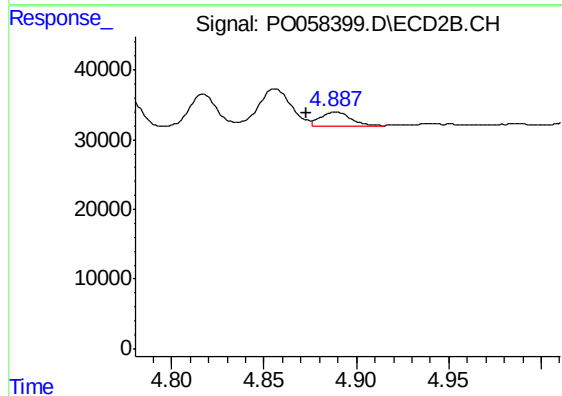
#22 AR-1248-2

R.T.: 4.817 min  
Delta R.T.: -0.016 min  
Response: 48364  
Conc: 47.46 ng/ml



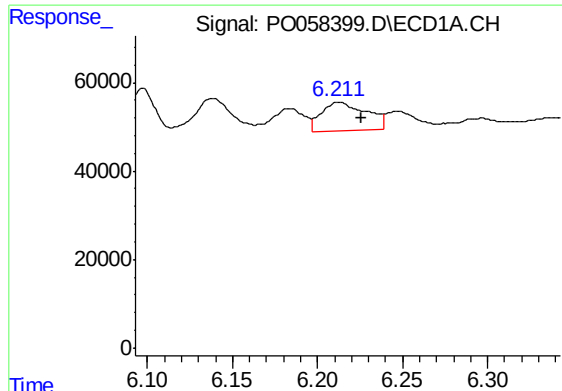
#23 AR-1248-3

R.T.: 5.811 min  
Delta R.T.: -0.014 min  
Response: 59726  
Conc: 38.53 ng/ml



#23 AR-1248-3

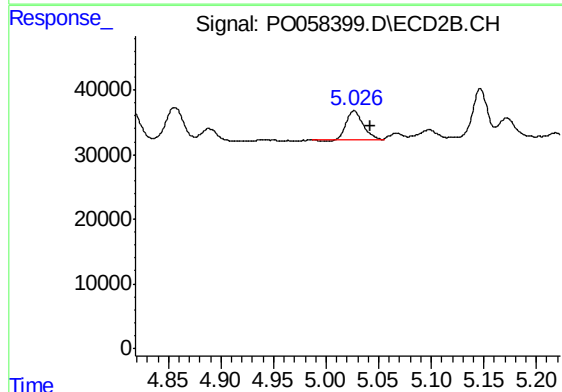
R.T.: 4.889 min  
Delta R.T.: 0.016 min  
Response: 22619  
Conc: 21.52 ng/ml



#24 AR-1248-4

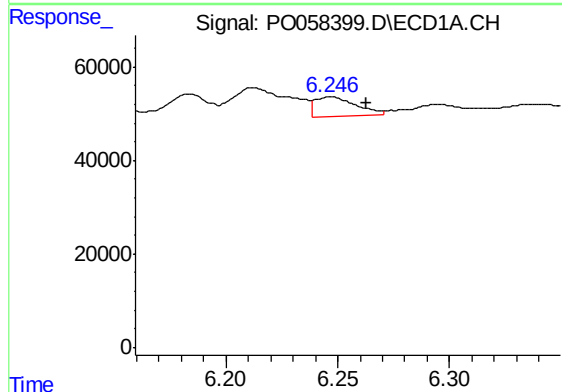
R.T.: 6.212 min  
Delta R.T.: -0.013 min  
Response: 120594  
Conc: 61.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



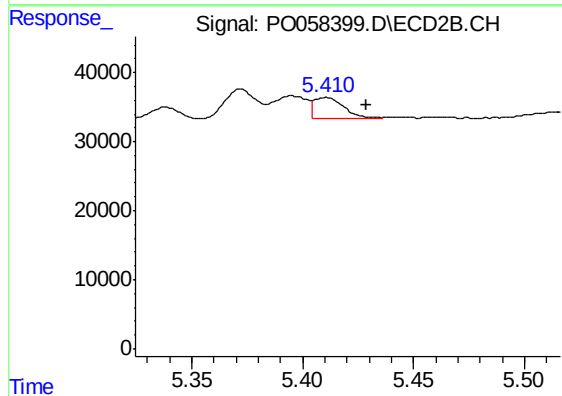
#24 AR-1248-4

R.T.: 5.027 min  
Delta R.T.: -0.016 min  
Response: 48404  
Conc: 37.59 ng/ml



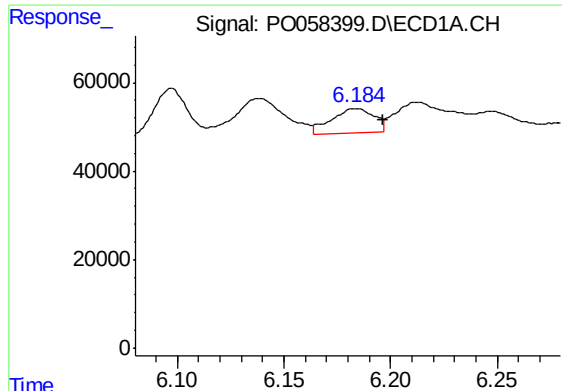
#25 AR-1248-5

R.T.: 6.247 min  
Delta R.T.: -0.015 min  
Response: 51678  
Conc: 27.12 ng/ml



#25 AR-1248-5

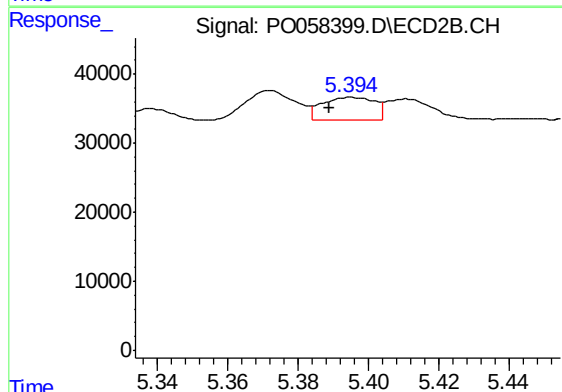
R.T.: 5.411 min  
Delta R.T.: -0.018 min  
Response: 28077  
Conc: 22.21 ng/ml



#26 AR-1254-1

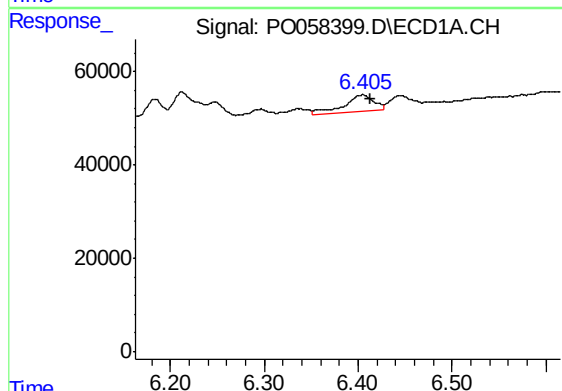
R.T.: 6.184 min  
Delta R.T.: -0.013 min  
Response: 77393  
Conc: 39.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



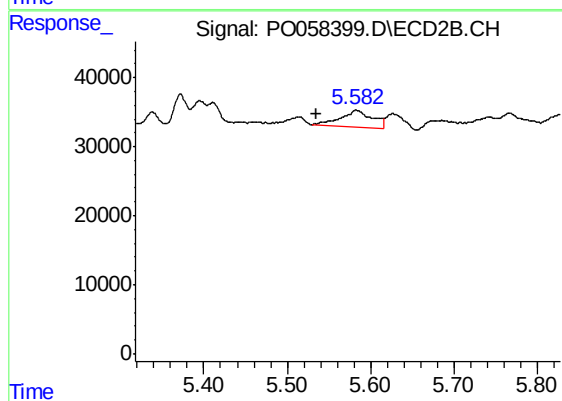
#26 AR-1254-1

R.T.: 5.395 min  
Delta R.T.: 0.006 min  
Response: 34891  
Conc: 17.12 ng/ml



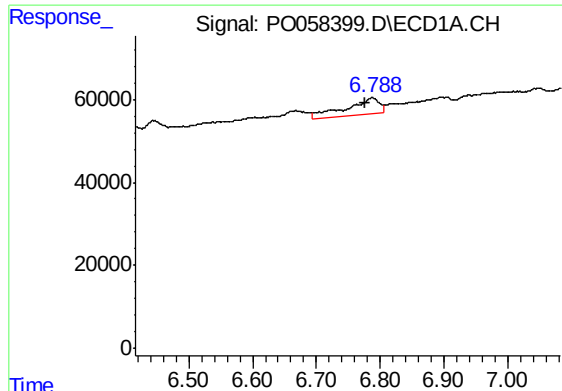
#27 AR-1254-2

R.T.: 6.405 min  
Delta R.T.: -0.008 min  
Response: 75606  
Conc: 23.13 ng/ml



#27 AR-1254-2

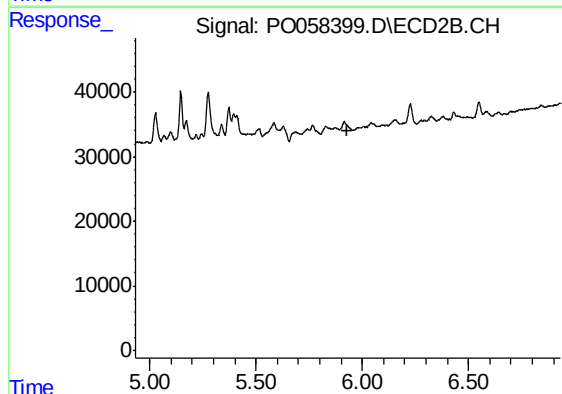
R.T.: 5.583 min  
Delta R.T.: 0.049 min  
Response: 66846  
Conc: 36.89 ng/ml



#28 AR-1254-3

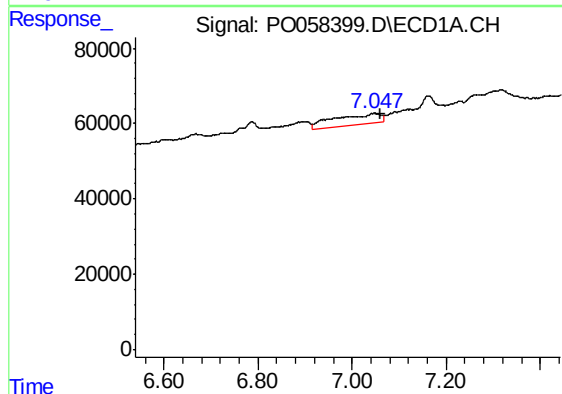
R.T.: 6.787 min  
Delta R.T.: 0.011 min  
Response: 134603  
Conc: 38.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



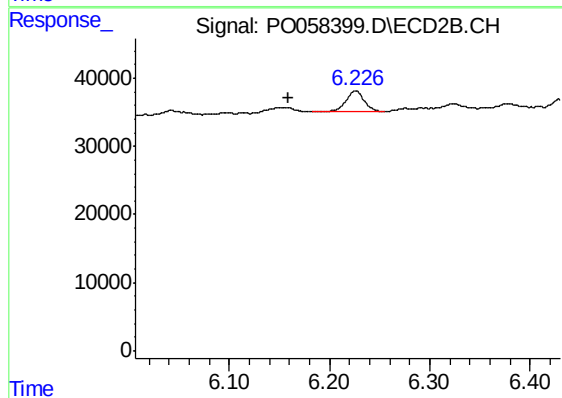
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.932 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

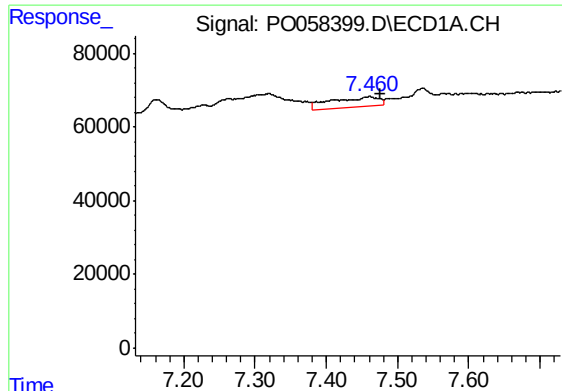
R.T.: 7.048 min  
Delta R.T.: -0.014 min  
Response: 199876  
Conc: 67.55 ng/ml



#29 AR-1254-4

R.T.: 6.226 min  
Delta R.T.: 0.067 min  
Response: 38184  
Conc: 20.67 ng/ml

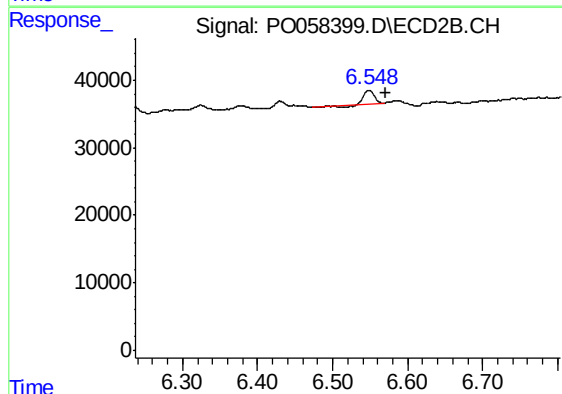




#30 AR-1254-5

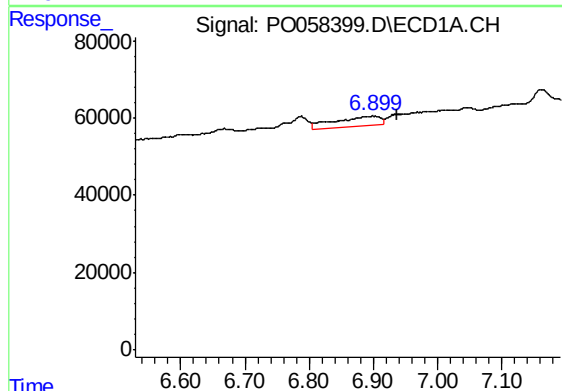
R.T.: 7.461 min  
Delta R.T.: -0.015 min  
Response: 125103  
Conc: 42.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



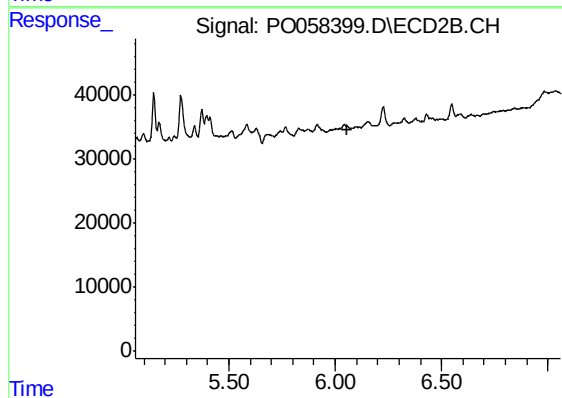
#30 AR-1254-5

R.T.: 6.548 min  
Delta R.T.: -0.022 min  
Response: 16810  
Conc: 6.18 ng/ml



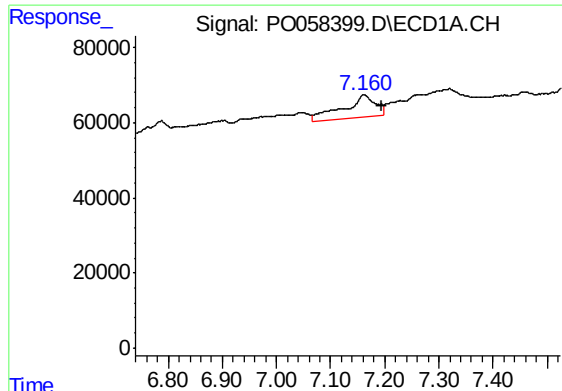
#31 AR-1260-1

R.T.: 6.899 min  
Delta R.T.: -0.039 min  
Response: 127496  
Conc: 50.98 ng/ml



#31 AR-1260-1

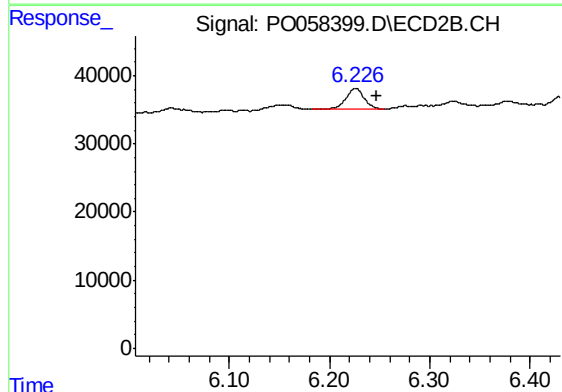
R.T.: 0.000 min  
Exp R.T. : 6.060 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

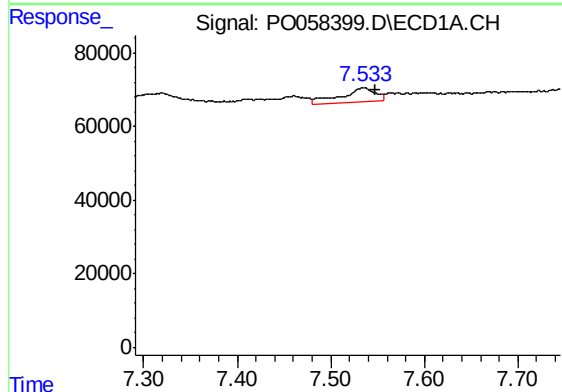
R.T.: 7.161 min  
Delta R.T.: -0.033 min  
Response: 235417  
Conc: 66.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



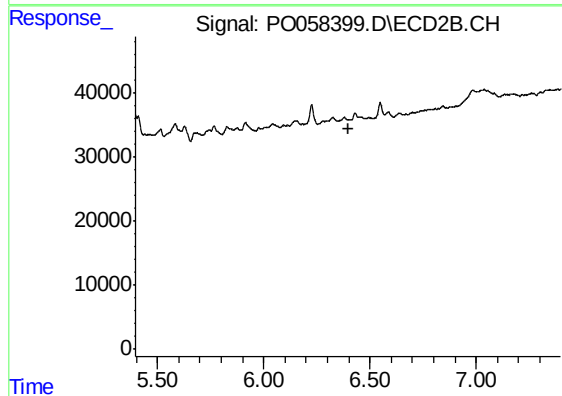
#32 AR-1260-2

R.T.: 6.226 min  
Delta R.T.: -0.021 min  
Response: 38184  
Conc: 14.85 ng/ml



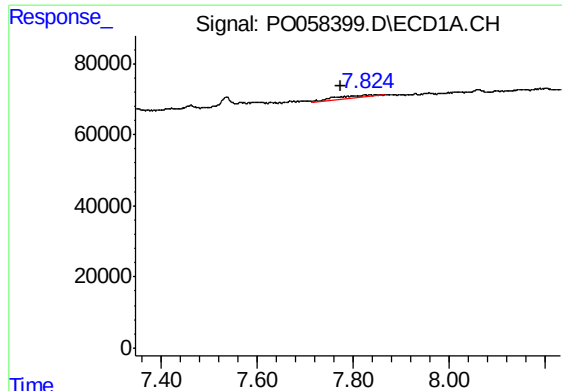
#33 AR-1260-3

R.T.: 7.535 min  
Delta R.T.: -0.013 min  
Response: 98875  
Conc: 33.67 ng/ml



#33 AR-1260-3

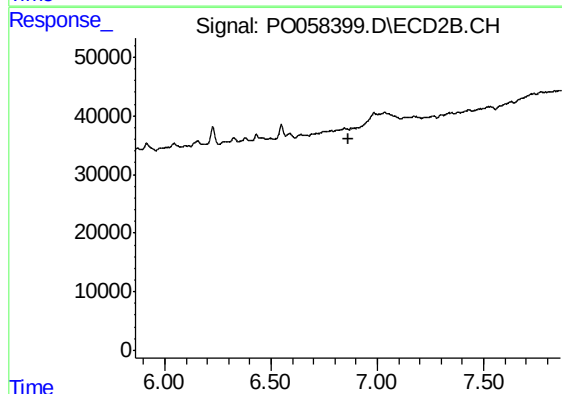
R.T.: 0.000 min  
Exp R.T. : 6.397 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

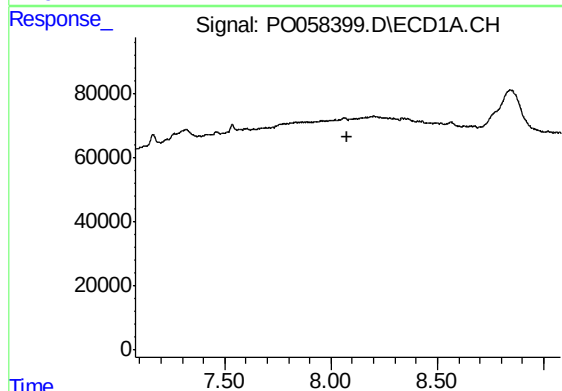
R.T.: 7.824 min  
Delta R.T.: 0.051 min  
Response: 47121  
Conc: 17.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



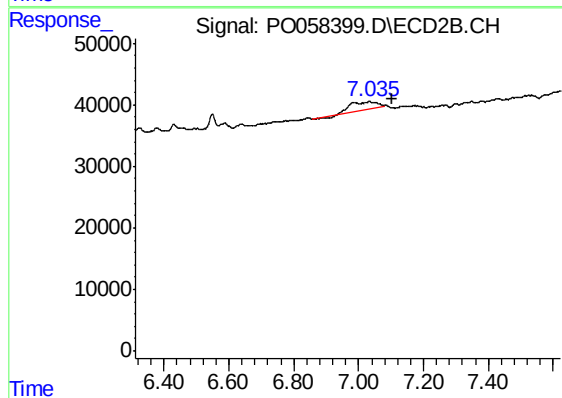
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.862 min  
Response: 0  
Conc: N.D.



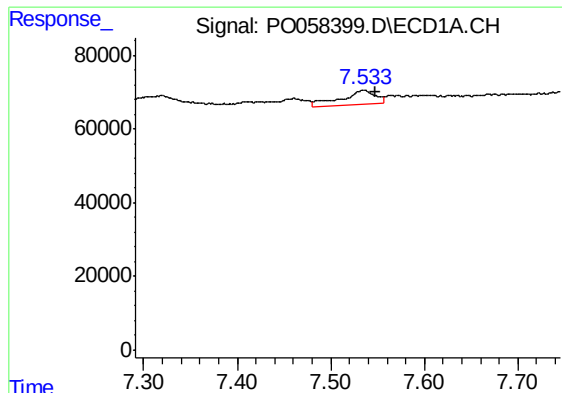
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.079 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

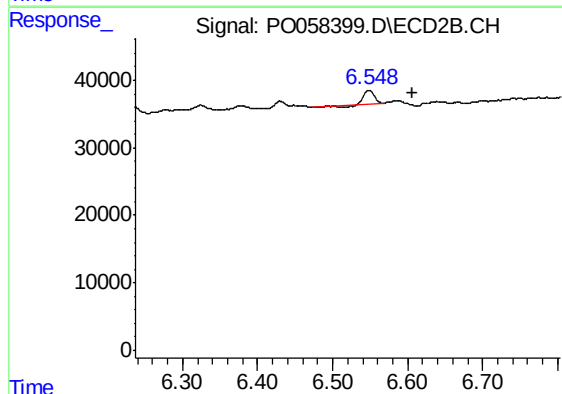
R.T.: 7.035 min  
Delta R.T.: -0.070 min  
Response: 65584  
Conc: 14.25 ng/ml



#36 AR-1262-1

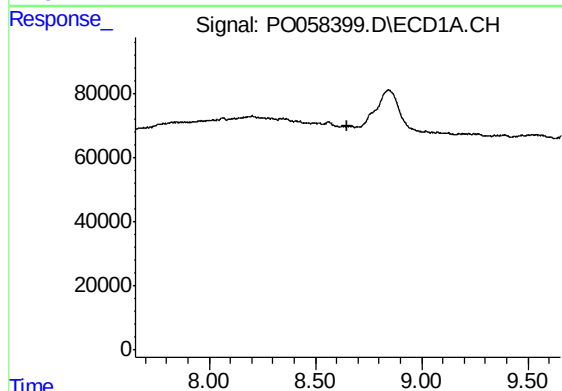
R.T.: 7.535 min  
Delta R.T.: -0.013 min  
Response: 98875  
Conc: 17.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
30319



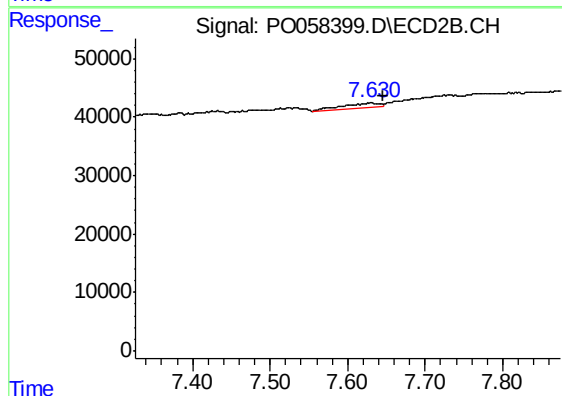
#36 AR-1262-1

R.T.: 6.548 min  
Delta R.T.: -0.058 min  
Response: 16810  
Conc: 4.23 ng/ml



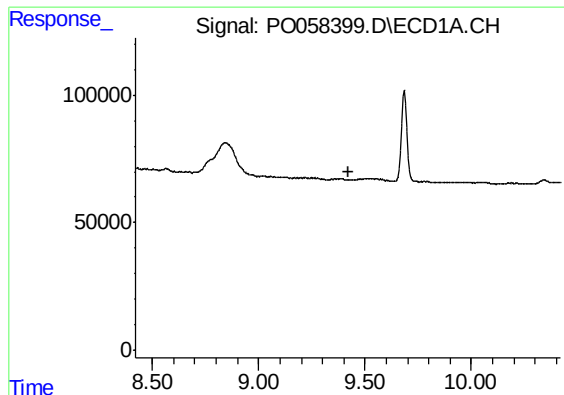
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.653 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

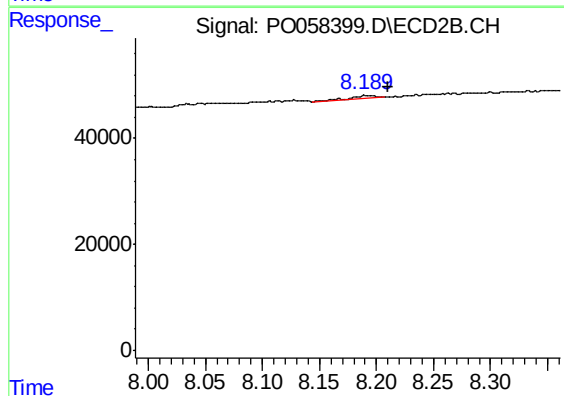
R.T.: 7.630 min  
Delta R.T.: -0.015 min  
Response: 24705  
Conc: 4.10 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.420 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
30319



#45 AR-1268-5

R.T.: 8.192 min  
Delta R.T.: -0.019 min  
Response: 9396  
Conc: 0.56 ng/ml