

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0013120\  
 Data File : P0066182.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 31 Jan 2020 22:40  
 Operator : DD\AJ  
 Sample : L1329-18  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 COMP-11

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 01 04:40:53 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0013020.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jan 31 01:14:46 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... | 4.145 | 3.422 | 397807 | 513908 | 13.656  | 12.564    |
| 2)                          | SA Decachlor... | 9.633 | 8.316 | 124921 | 158947 | 3.170   | 2.712     |
| Target Compounds            |                 |       |       |        |        |         |           |
| 3)                          | L1 AR-1016-1    | 5.294 | 4.500 | 64514  | 67552  | 49.094  | 38.818    |
| 4)                          | L1 AR-1016-2    | 5.374 | 4.500 | 94088  | 67552  | 47.914  | 24.496 #  |
| 5)                          | L1 AR-1016-3    | 5.374 | 4.674 | 94088  | 147760 | 79.484  | 106.138 # |
| 6)                          | L1 AR-1016-4    | 5.477 | 4.710 | 48765  | 25690  | 49.307  | 22.237 #  |
| 7)                          | L1 AR-1016-5    | 5.803 | 4.923 | 60632  | 74807  | 59.932  | 50.156    |
| 8)                          | L2 AR-1221-1    | 4.324 | 3.594 | 42287  | 12627  | 118.733 | 24.972 #  |
| 9)                          | L2 AR-1221-2    | 0.000 | 3.717 | 0      | 37309  | N.D.    | 100.200 # |
| 10)                         | L2 AR-1221-3    | 4.529 | 3.791 | 98970  | 22149  | 113.201 | 18.522 #  |
| 11)                         | L3 AR-1232-1    | 4.529 | 3.791 | 98970  | 22149  | 146.134 | 23.843 #  |
| 12)                         | L3 AR-1232-2    | 5.017 | 4.500 | 58824  | 67552  | 141.134 | 60.976 #  |
| 13)                         | L3 AR-1232-3    | 5.294 | 4.674 | 64514  | 147760 | 79.180  | 265.040 # |
| 14)                         | L3 AR-1232-4    | 5.477 | 4.750 | 48765  | 131257 | 119.135 | 271.965 # |
| 15)                         | L3 AR-1232-5    | 5.533 | 4.923 | 54425  | 74807  | 198.748 | 145.041 # |
| 16)                         | L4 AR-1242-1    | 5.294 | 4.500 | 64514  | 67552  | 63.699  | 50.928    |
| 17)                         | L4 AR-1242-2    | 5.294 | 4.500 | 64514  | 67552  | 43.521  | 31.858 #  |
| 18)                         | L4 AR-1242-3    | 5.374 | 4.674 | 94088  | 147760 | 103.249 | 139.016 # |
| 19)                         | L4 AR-1242-4    | 5.477 | 4.750 | 48765  | 131257 | 63.905  | 127.689 # |
| 20)                         | L4 AR-1242-5    | 6.241 | 5.313 | 43255  | 291348 | 46.638  | 210.694 # |
| 21)                         | L5 AR-1248-1    | 5.294 | 4.476 | 64514  | 128476 | 84.625  | 123.670 # |
| 22)                         | L5 AR-1248-2    | 5.533 | 4.710 | 54425  | 25690  | 50.194  | 17.292 #  |
| 23)                         | L5 AR-1248-3    | 5.803 | 4.750 | 60632  | 131257 | 49.654  | 87.785 #  |
| 24)                         | L5 AR-1248-4    | 6.160 | 4.923 | 52438  | 74807  | 33.223  | 41.437    |
| 25)                         | L5 AR-1248-5    | 6.241 | 5.313 | 43255  | 291348 | 29.097  | 148.980 # |
| 26)                         | L6 AR-1254-1    | 6.138 | 5.313 | 40593  | 291348 | 26.127  | 91.529 #  |
| 27)                         | L6 AR-1254-2    | 6.361 | 5.413 | 31212  | 76193  | 12.561  | 25.962 #  |
| 28)                         | L6 AR-1254-3    | 0.000 | 5.846 | 0      | 48974  | N.D.    | 10.664 #  |
| 29)                         | L6 AR-1254-4    | 0.000 | 5.982 | 0      | 16473  | N.D.    | 5.228 #   |
| 31)                         | L7 AR-1260-1    | 6.839 | 5.949 | 23397  | 32281  | 11.670  | 10.035    |
| 32)                         | L7 AR-1260-2    | 7.203 | 6.128 | 71746  | 20308  | 26.040  | 4.507 #   |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.333 | 0      | 72967  | N.D.    | 19.357 #  |
| 34)                         | L7 AR-1260-4    | 0.000 | 6.687 | 0      | 29612  | N.D.    | 9.462 #   |
| 40)                         | L8 AR-1262-5    | 0.000 | 7.759 | 0      | 6993   | N.D.    | 2.479 #   |
| 43)                         | L9 AR-1268-3    | 0.000 | 7.549 | 0      | 49725  | N.D.    | 5.707 #   |
| 44)                         | L9 AR-1268-4    | 0.000 | 7.759 | 0      | 6993   | N.D.    | 2.117 #   |
| -----                       |                 |       |       |        |        |         |           |

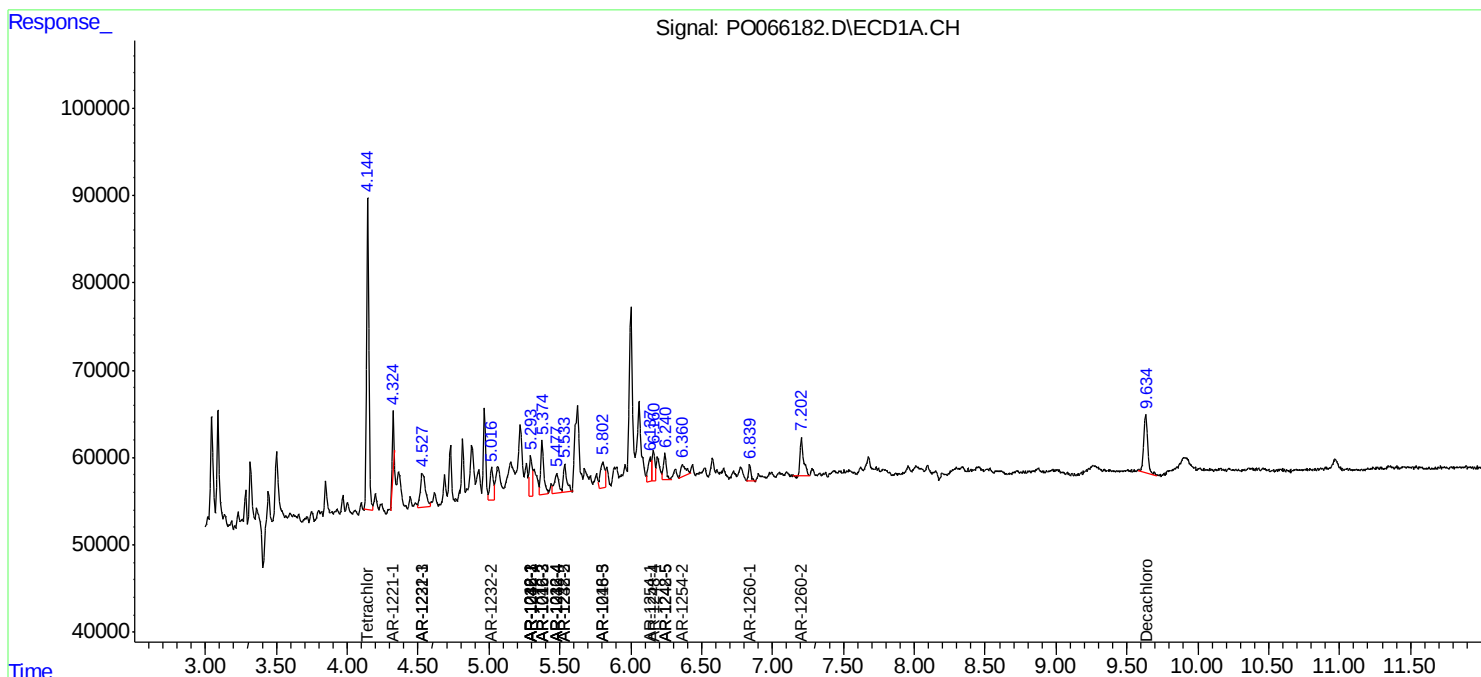
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

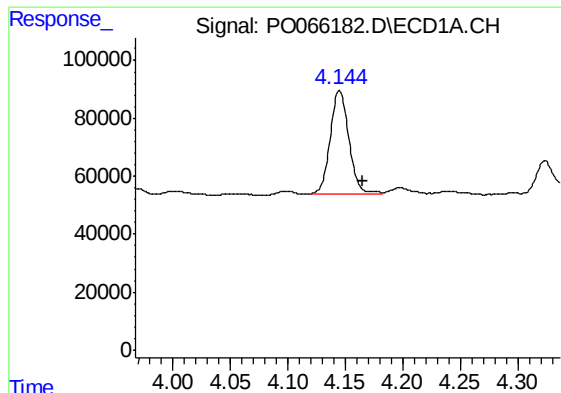
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO013120\  
Data File : PO066182.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 31 Jan 2020 22:40  
Operator : DD\AJ  
Sample : L1329-18  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
COMP-11

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 01 04:40:53 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO013020.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jan 31 01:14:46 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

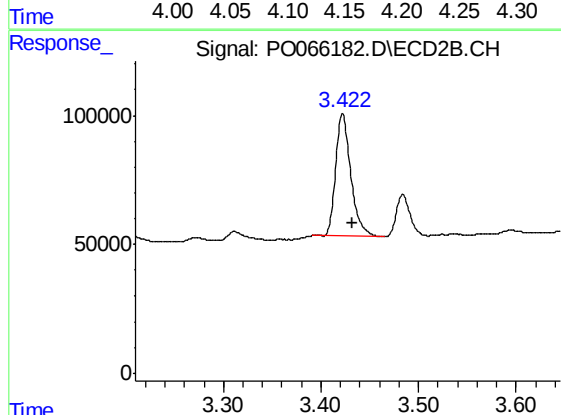




#1 Tetrachloro-m-xylene

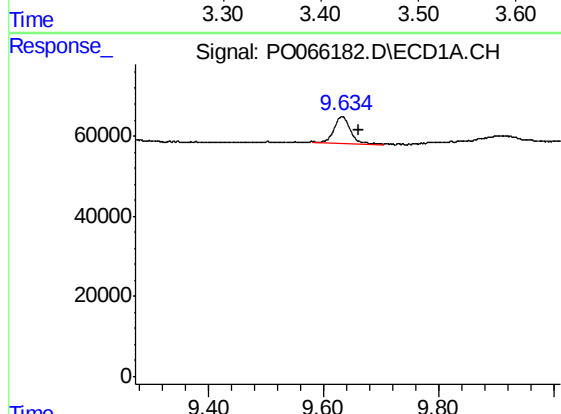
R.T.: 4.145 min  
Delta R.T.: -0.020 min  
Response: 397807  
Conc: 13.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



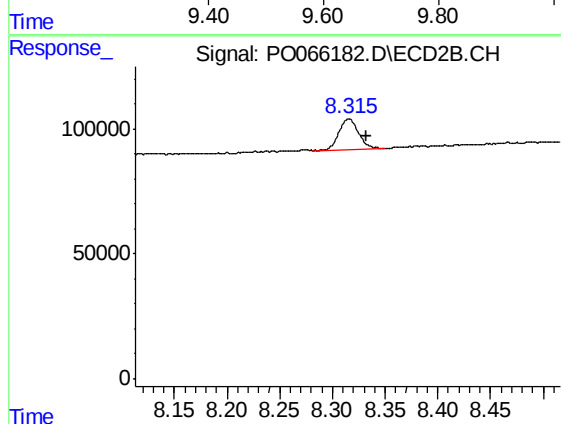
#1 Tetrachloro-m-xylene

R.T.: 3.422 min  
Delta R.T.: -0.011 min  
Response: 513908  
Conc: 12.56 ng/ml



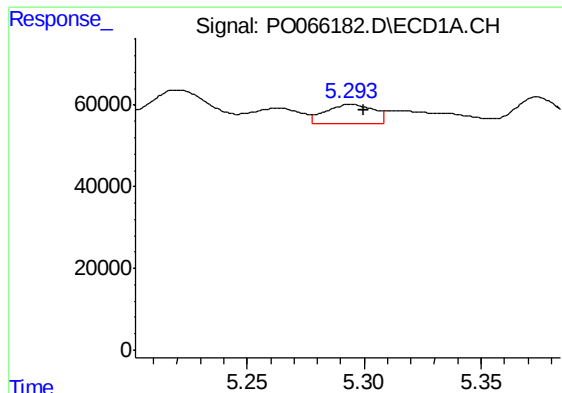
#2 Decachlorobiphenyl

R.T.: 9.633 min  
Delta R.T.: -0.028 min  
Response: 124921  
Conc: 3.17 ng/ml



#2 Decachlorobiphenyl

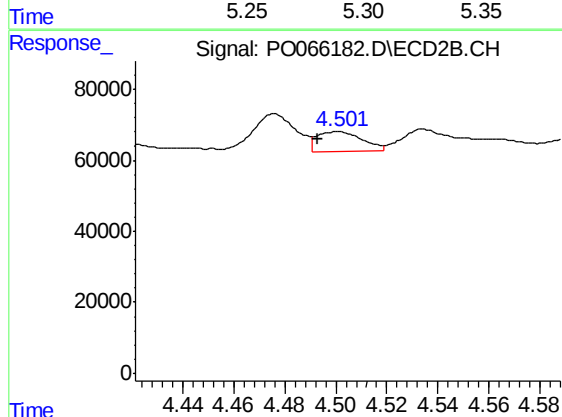
R.T.: 8.316 min  
Delta R.T.: -0.016 min  
Response: 158947  
Conc: 2.71 ng/ml



#3 AR-1016-1

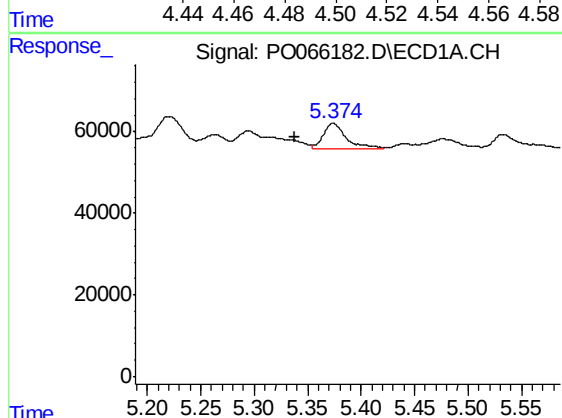
R.T.: 5.294 min  
Delta R.T.: -0.006 min  
Response: 64514  
Conc: 49.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



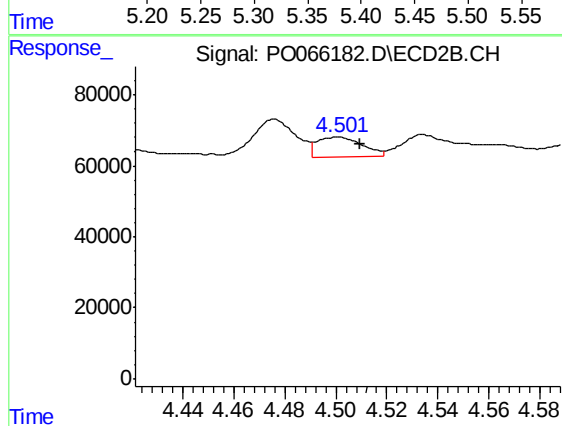
#3 AR-1016-1

R.T.: 4.500 min  
Delta R.T.: 0.008 min  
Response: 67552  
Conc: 38.82 ng/ml



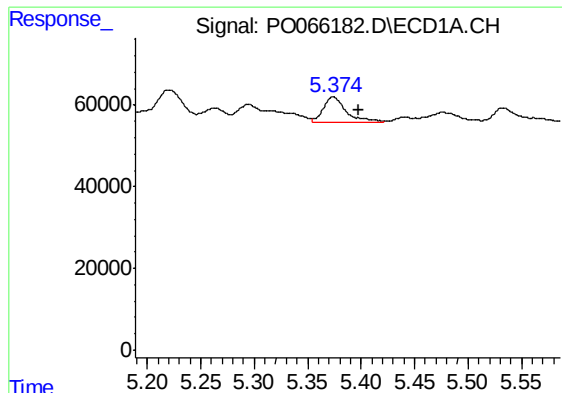
#4 AR-1016-2

R.T.: 5.374 min  
Delta R.T.: 0.036 min  
Response: 94088  
Conc: 47.91 ng/ml



#4 AR-1016-2

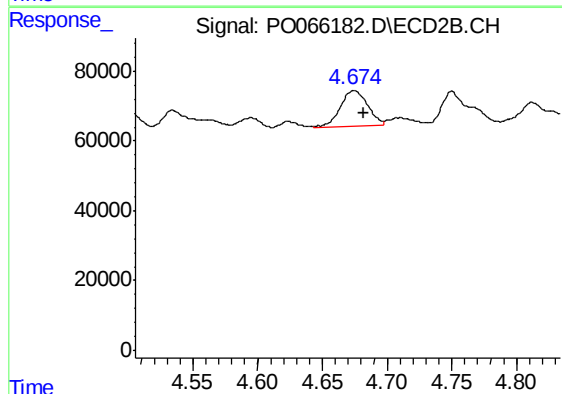
R.T.: 4.500 min  
Delta R.T.: -0.009 min  
Response: 67552  
Conc: 24.50 ng/ml



#5 AR-1016-3

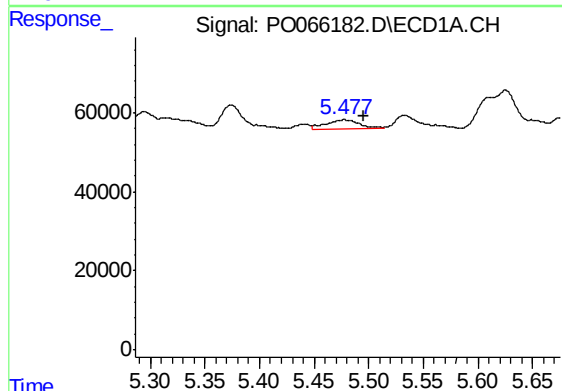
R.T.: 5.374 min  
Delta R.T.: -0.024 min  
Response: 94088  
Conc: 79.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



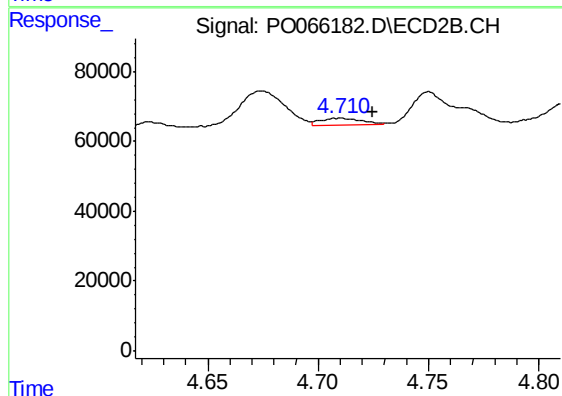
#5 AR-1016-3

R.T.: 4.674 min  
Delta R.T.: -0.008 min  
Response: 147760  
Conc: 106.14 ng/ml



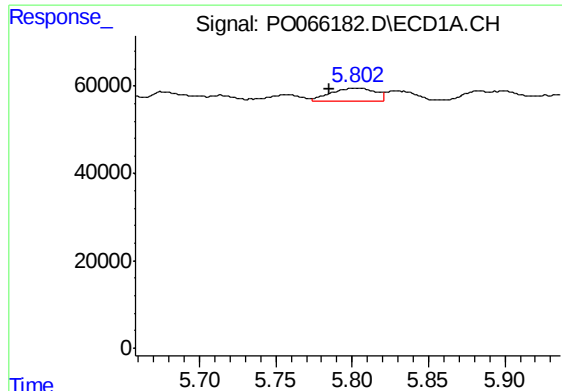
#6 AR-1016-4

R.T.: 5.477 min  
Delta R.T.: -0.019 min  
Response: 48765  
Conc: 49.31 ng/ml



#6 AR-1016-4

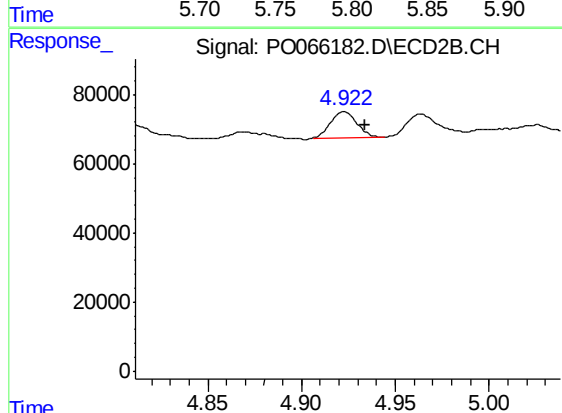
R.T.: 4.710 min  
Delta R.T.: -0.015 min  
Response: 25690  
Conc: 22.24 ng/ml



#7 AR-1016-5

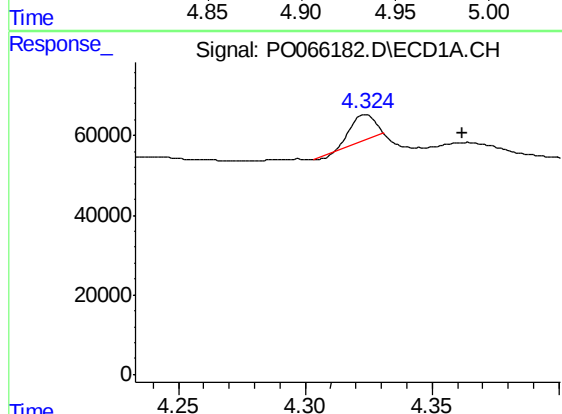
R.T.: 5.803 min  
Delta R.T.: 0.018 min  
Response: 60632  
Conc: 59.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



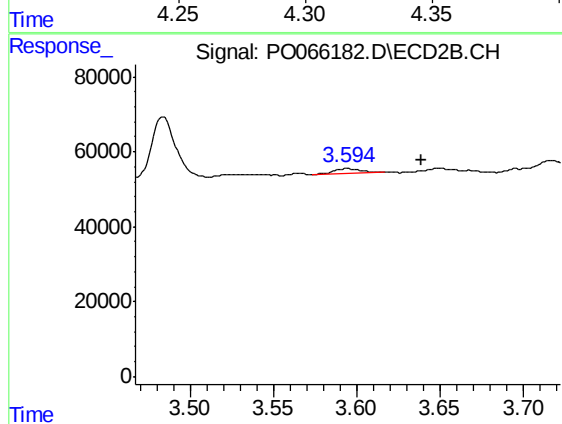
#7 AR-1016-5

R.T.: 4.923 min  
Delta R.T.: -0.011 min  
Response: 74807  
Conc: 50.16 ng/ml



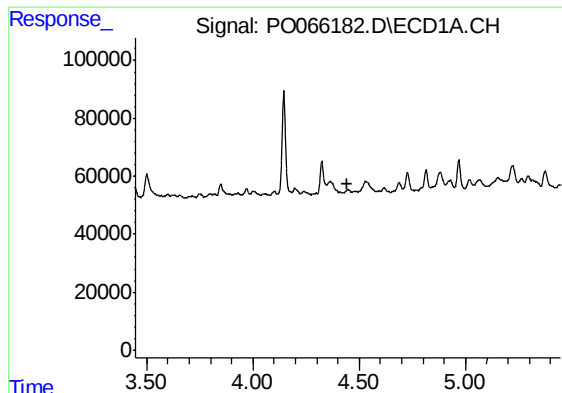
#8 AR-1221-1

R.T.: 4.324 min  
Delta R.T.: -0.038 min  
Response: 42287  
Conc: 118.73 ng/ml



#8 AR-1221-1

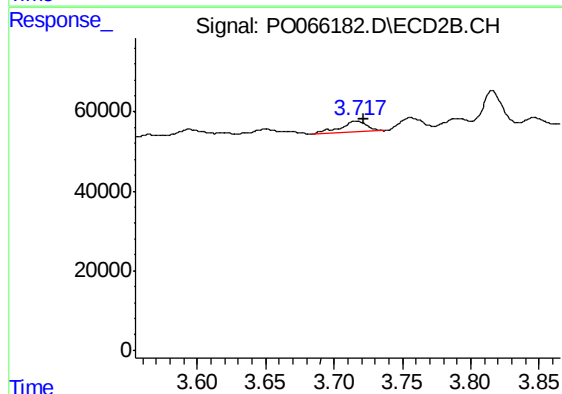
R.T.: 3.594 min  
Delta R.T.: -0.044 min  
Response: 12627  
Conc: 24.97 ng/ml



#9 AR-1221-2

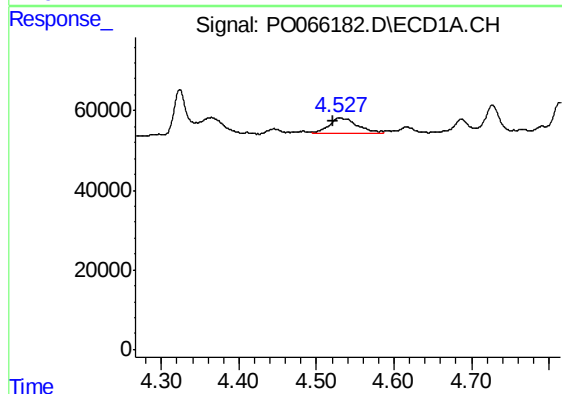
R.T.: 0.000 min  
Exp R.T.: 4.446 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



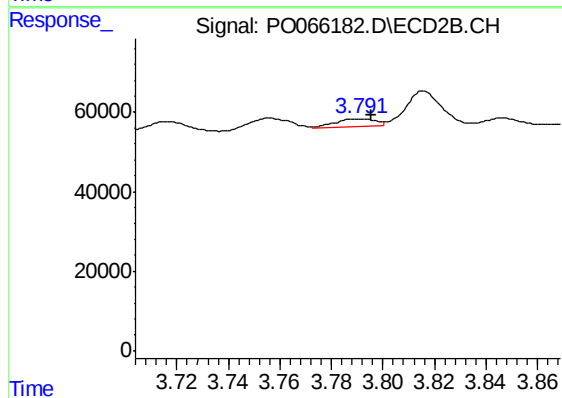
#9 AR-1221-2

R.T.: 3.717 min  
Delta R.T.: -0.005 min  
Response: 37309  
Conc: 100.20 ng/ml



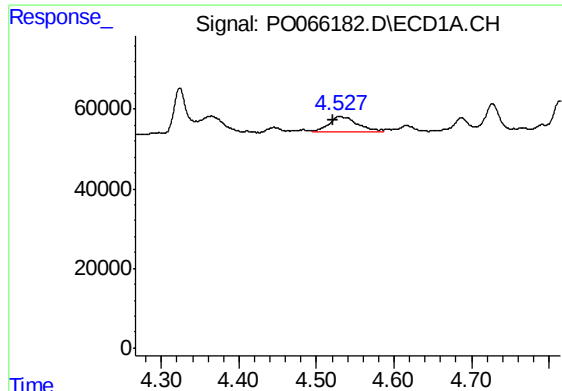
#10 AR-1221-3

R.T.: 4.529 min  
Delta R.T.: 0.008 min  
Response: 98970  
Conc: 113.20 ng/ml



#10 AR-1221-3

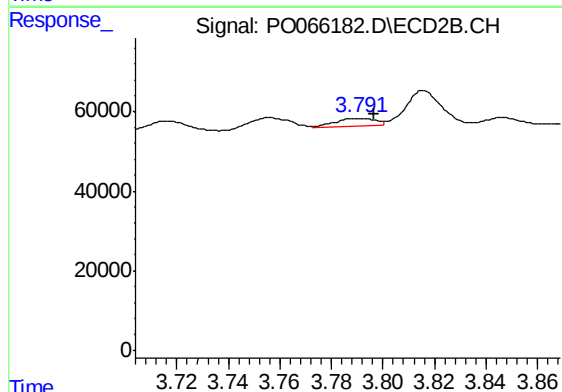
R.T.: 3.791 min  
Delta R.T.: -0.004 min  
Response: 22149  
Conc: 18.52 ng/ml



#11 AR-1232-1

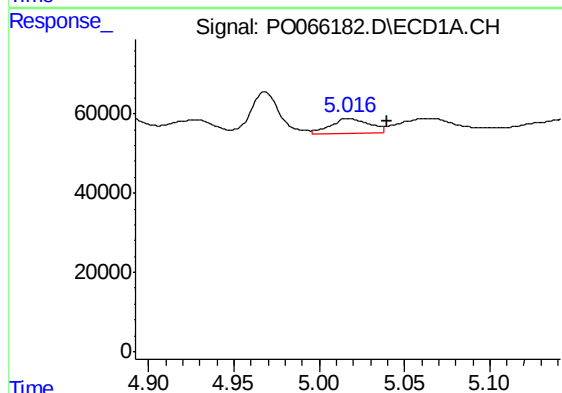
R.T.: 4.529 min  
Delta R.T.: 0.008 min  
Response: 98970  
Conc: 146.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



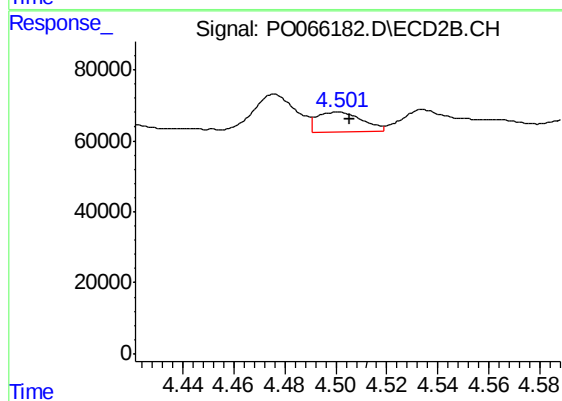
#11 AR-1232-1

R.T.: 3.791 min  
Delta R.T.: -0.005 min  
Response: 22149  
Conc: 23.84 ng/ml



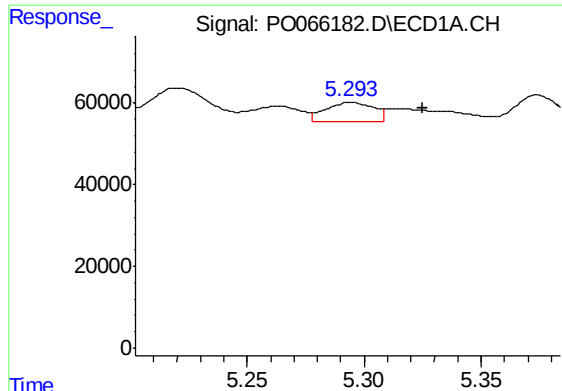
#12 AR-1232-2

R.T.: 5.017 min  
Delta R.T.: -0.023 min  
Response: 58824  
Conc: 141.13 ng/ml



#12 AR-1232-2

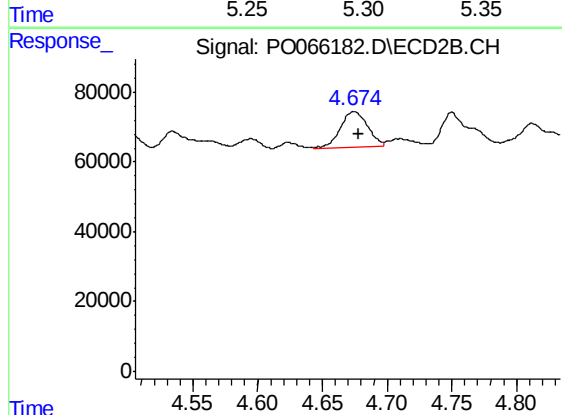
R.T.: 4.500 min  
Delta R.T.: -0.005 min  
Response: 67552  
Conc: 60.98 ng/ml



#13 AR-1232-3

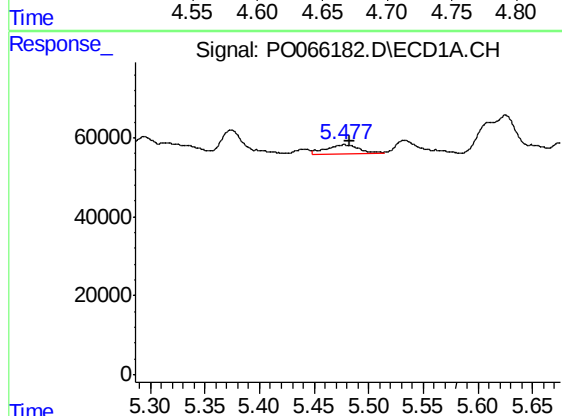
R.T.: 5.294 min  
Delta R.T.: -0.031 min  
Response: 64514  
Conc: 79.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



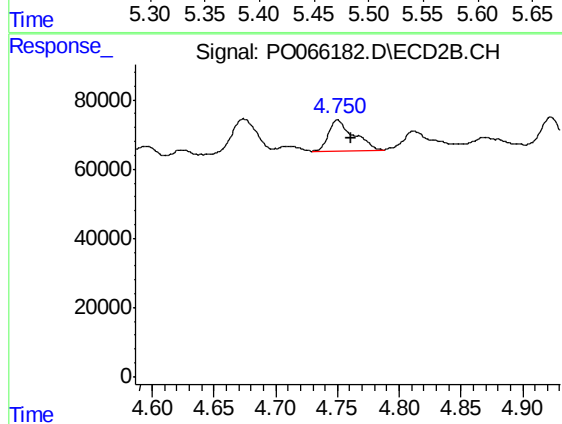
#13 AR-1232-3

R.T.: 4.674 min  
Delta R.T.: -0.004 min  
Response: 147760  
Conc: 265.04 ng/ml



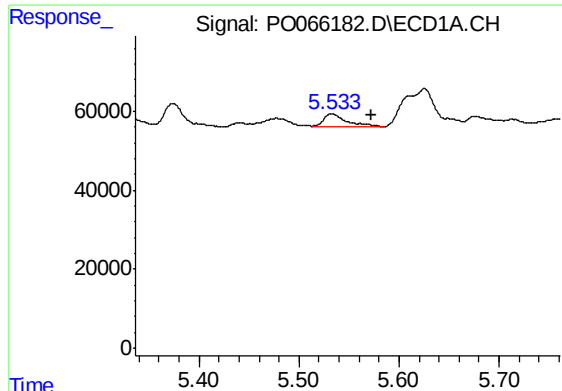
#14 AR-1232-4

R.T.: 5.477 min  
Delta R.T.: -0.006 min  
Response: 48765  
Conc: 119.13 ng/ml



#14 AR-1232-4

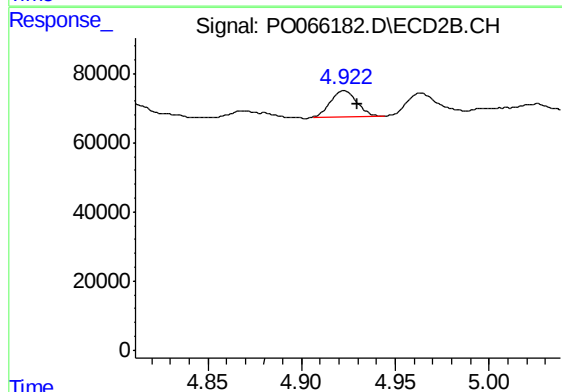
R.T.: 4.750 min  
Delta R.T.: -0.011 min  
Response: 131257  
Conc: 271.97 ng/ml



#15 AR-1232-5

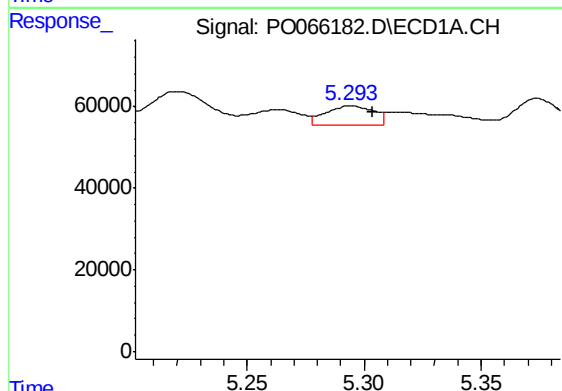
R.T.: 5.533 min  
Delta R.T.: -0.040 min  
Response: 54425  
Conc: 198.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



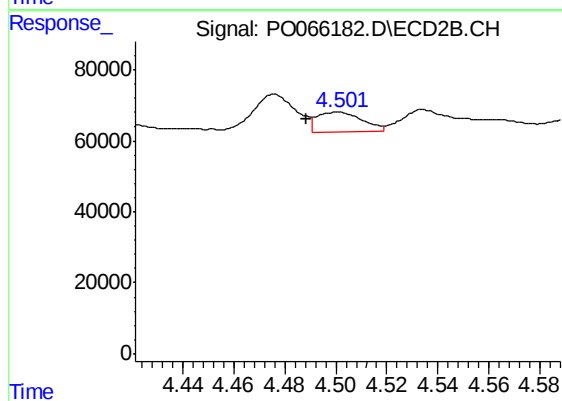
#15 AR-1232-5

R.T.: 4.923 min  
Delta R.T.: -0.007 min  
Response: 74807  
Conc: 145.04 ng/ml



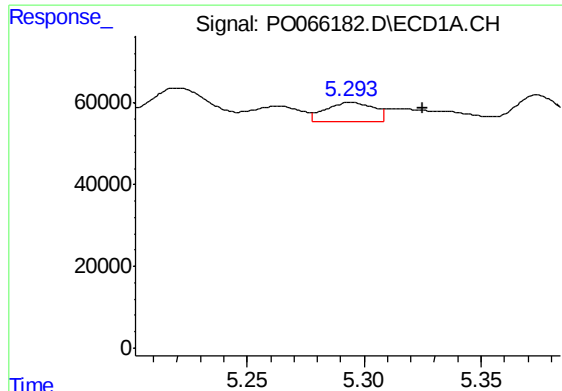
#16 AR-1242-1

R.T.: 5.294 min  
Delta R.T.: -0.009 min  
Response: 64514  
Conc: 63.70 ng/ml



#16 AR-1242-1

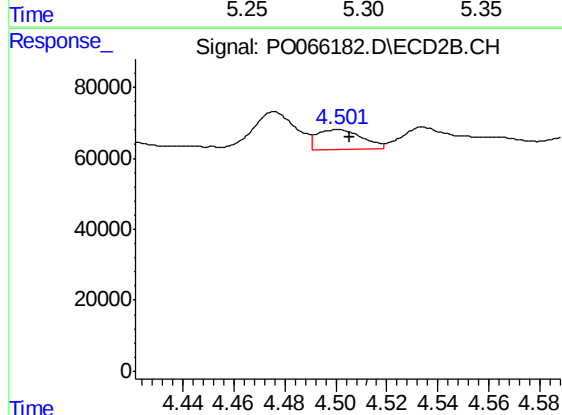
R.T.: 4.500 min  
Delta R.T.: 0.012 min  
Response: 67552  
Conc: 50.93 ng/ml



#17 AR-1242-2

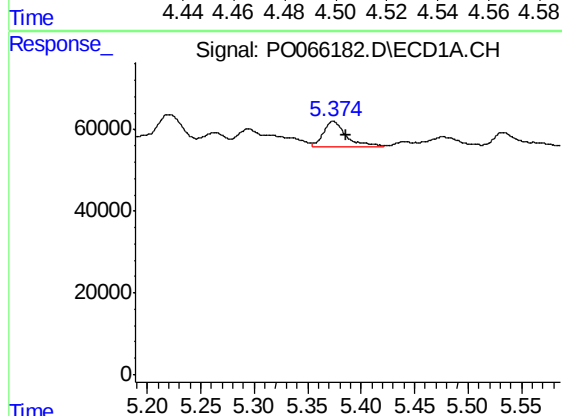
R.T.: 5.294 min  
Delta R.T.: -0.030 min  
Response: 64514  
Conc: 43.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



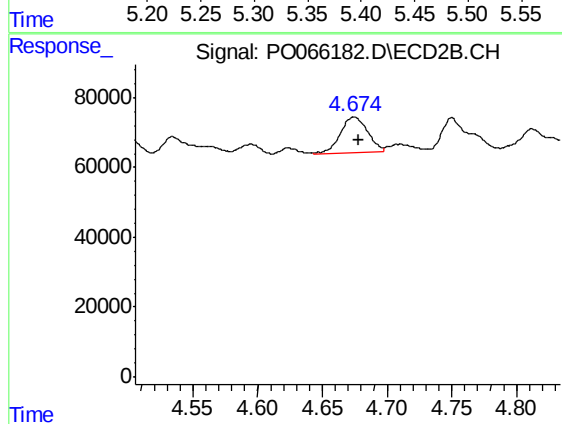
#17 AR-1242-2

R.T.: 4.500 min  
Delta R.T.: -0.005 min  
Response: 67552  
Conc: 31.86 ng/ml



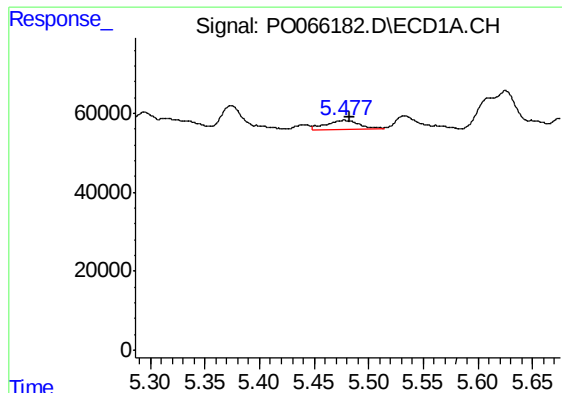
#18 AR-1242-3

R.T.: 5.374 min  
Delta R.T.: -0.011 min  
Response: 94088  
Conc: 103.25 ng/ml



#18 AR-1242-3

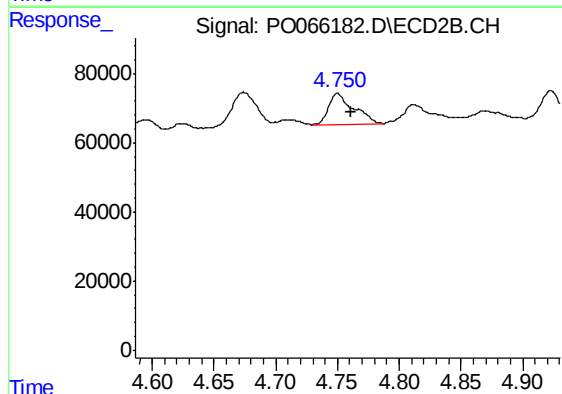
R.T.: 4.674 min  
Delta R.T.: -0.004 min  
Response: 147760  
Conc: 139.02 ng/ml



#19 AR-1242-4

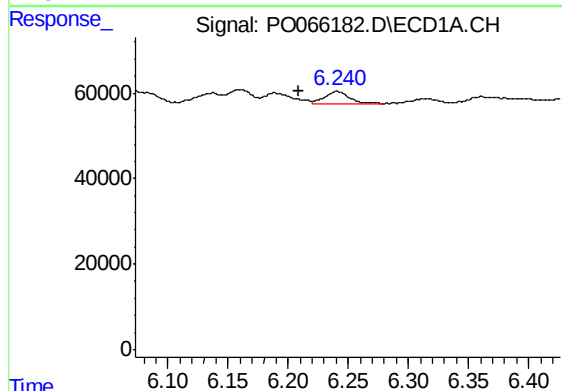
R.T.: 5.477 min  
Delta R.T.: -0.006 min  
Response: 48765  
Conc: 63.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



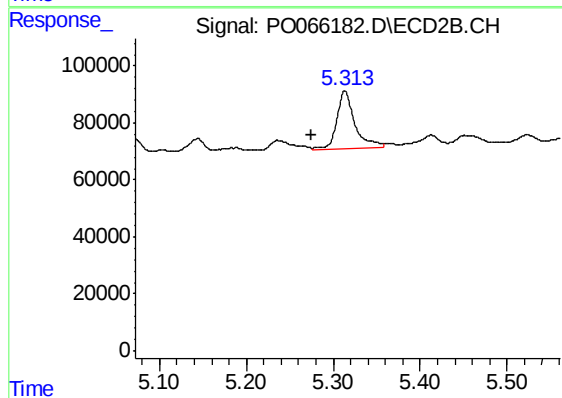
#19 AR-1242-4

R.T.: 4.750 min  
Delta R.T.: -0.011 min  
Response: 131257  
Conc: 127.69 ng/ml



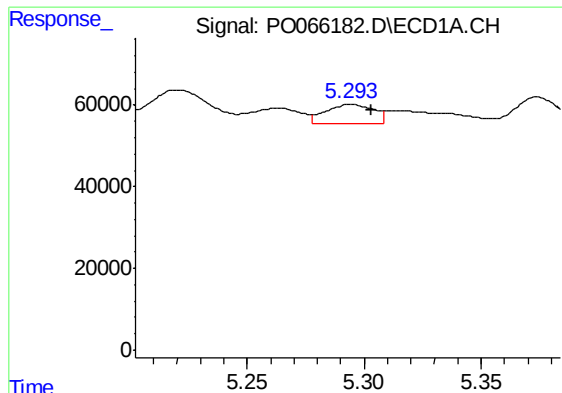
#20 AR-1242-5

R.T.: 6.241 min  
Delta R.T.: 0.032 min  
Response: 43255  
Conc: 46.64 ng/ml



#20 AR-1242-5

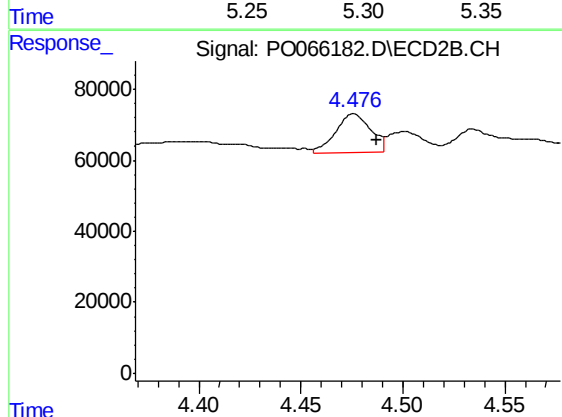
R.T.: 5.313 min  
Delta R.T.: 0.038 min  
Response: 291348  
Conc: 210.69 ng/ml



#21 AR-1248-1

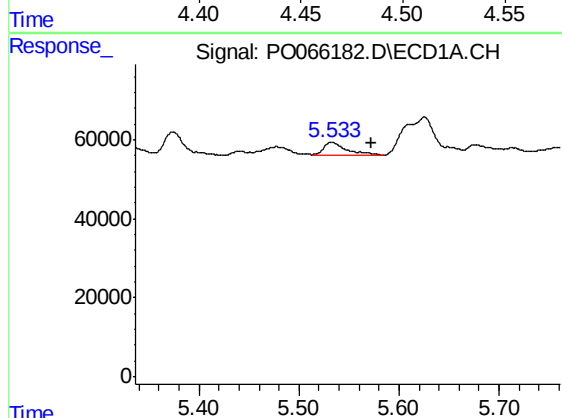
R.T.: 5.294 min  
Delta R.T.: -0.009 min  
Response: 64514  
Conc: 84.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



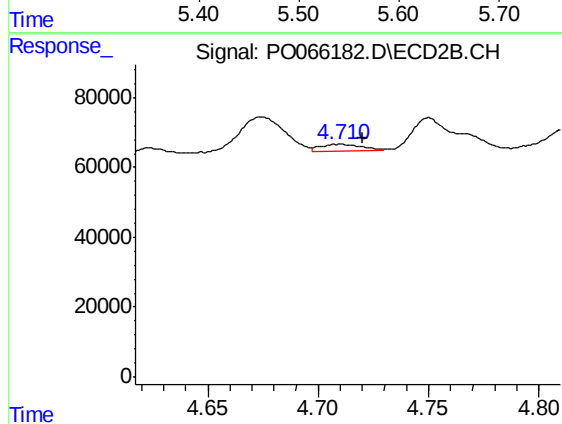
#21 AR-1248-1

R.T.: 4.476 min  
Delta R.T.: -0.012 min  
Response: 128476  
Conc: 123.67 ng/ml



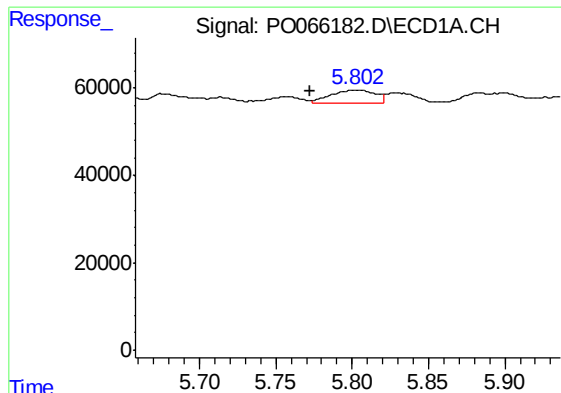
#22 AR-1248-2

R.T.: 5.533 min  
Delta R.T.: -0.039 min  
Response: 54425  
Conc: 50.19 ng/ml



#22 AR-1248-2

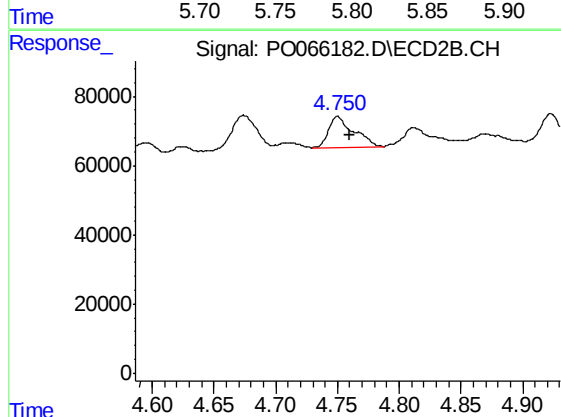
R.T.: 4.710 min  
Delta R.T.: -0.010 min  
Response: 25690  
Conc: 17.29 ng/ml



#23 AR-1248-3

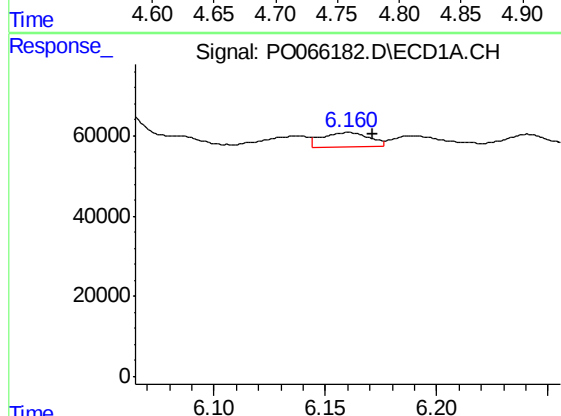
R.T.: 5.803 min  
Delta R.T.: 0.030 min  
Response: 60632  
Conc: 49.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



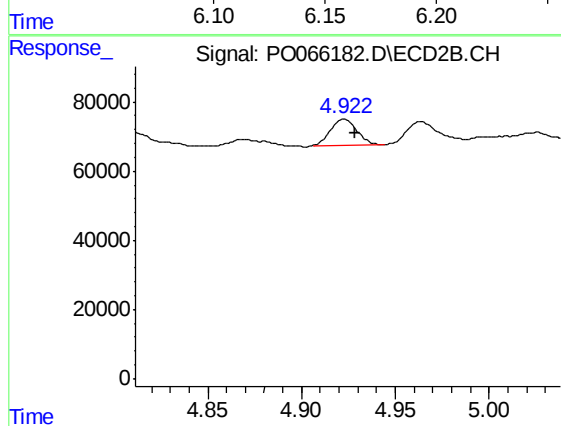
#23 AR-1248-3

R.T.: 4.750 min  
Delta R.T.: -0.010 min  
Response: 131257  
Conc: 87.78 ng/ml



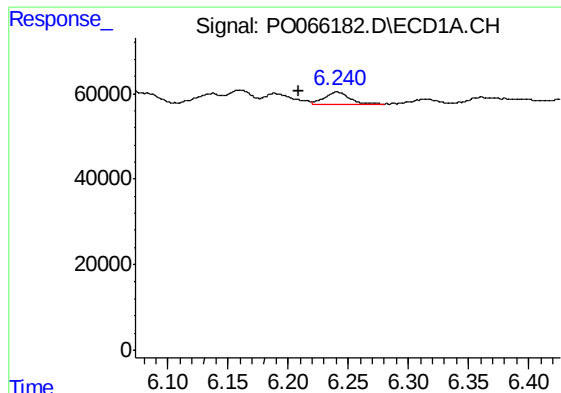
#24 AR-1248-4

R.T.: 6.160 min  
Delta R.T.: -0.011 min  
Response: 52438  
Conc: 33.22 ng/ml



#24 AR-1248-4

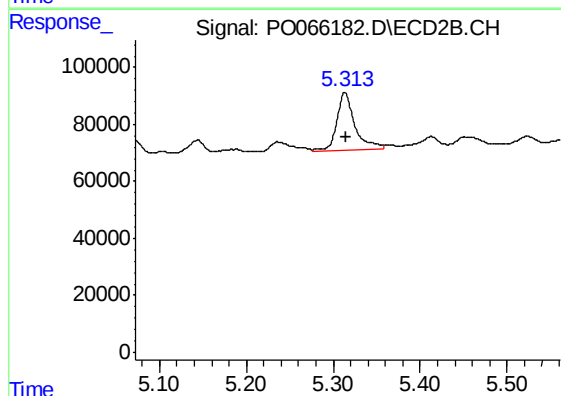
R.T.: 4.923 min  
Delta R.T.: -0.006 min  
Response: 74807  
Conc: 41.44 ng/ml



#25 AR-1248-5

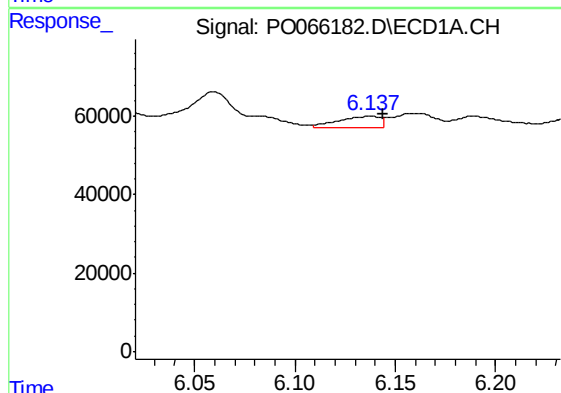
R.T.: 6.241 min  
Delta R.T.: 0.032 min  
Response: 43255  
Conc: 29.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



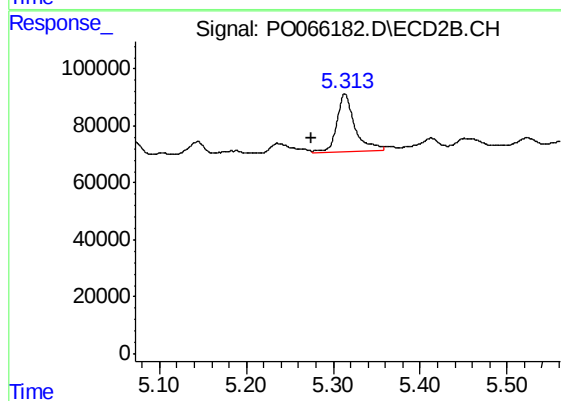
#25 AR-1248-5

R.T.: 5.313 min  
Delta R.T.: -0.001 min  
Response: 291348  
Conc: 148.98 ng/ml



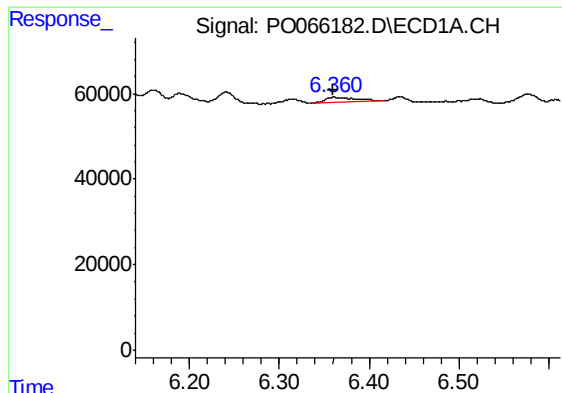
#26 AR-1254-1

R.T.: 6.138 min  
Delta R.T.: -0.007 min  
Response: 40593  
Conc: 26.13 ng/ml



#26 AR-1254-1

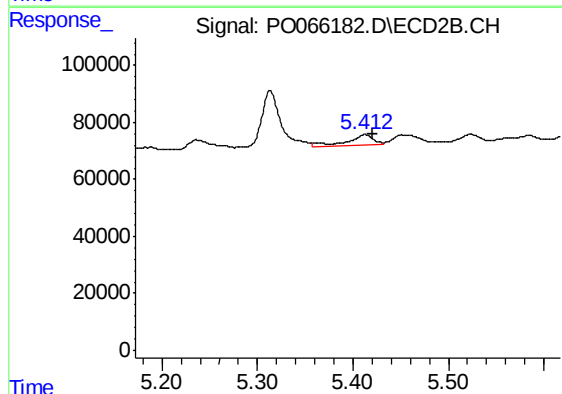
R.T.: 5.313 min  
Delta R.T.: 0.039 min  
Response: 291348  
Conc: 91.53 ng/ml



#27 AR-1254-2

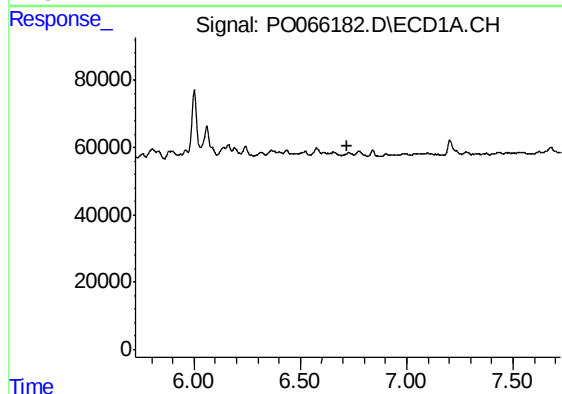
R.T.: 6.361 min  
Delta R.T.: 0.000 min  
Response: 31212  
Conc: 12.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



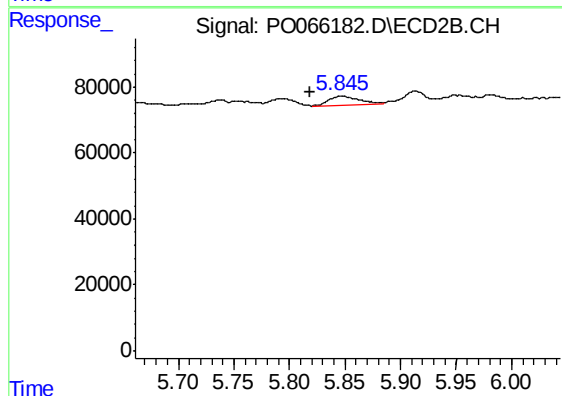
#27 AR-1254-2

R.T.: 5.413 min  
Delta R.T.: -0.008 min  
Response: 76193  
Conc: 25.96 ng/ml



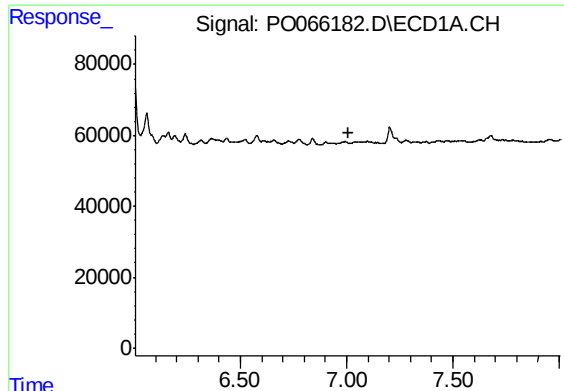
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.723 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

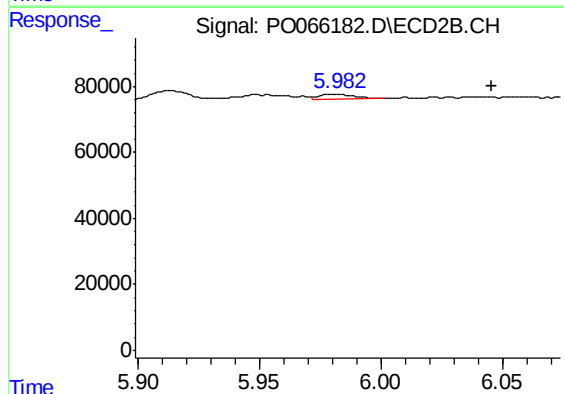
R.T.: 5.846 min  
Delta R.T.: 0.028 min  
Response: 48974  
Conc: 10.66 ng/ml



#29 AR-1254-4

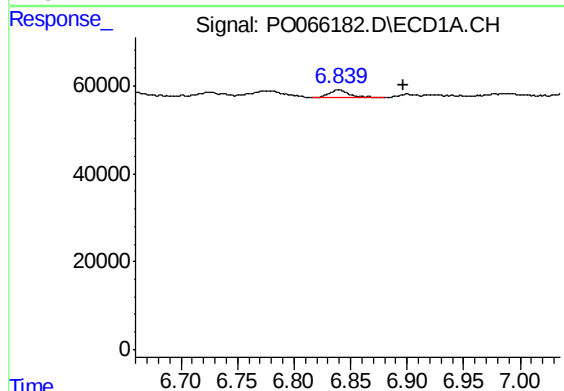
R.T.: 0.000 min  
Exp R.T.: 7.006 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



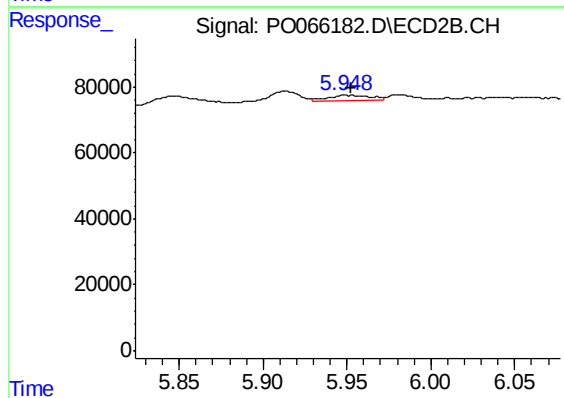
#29 AR-1254-4

R.T.: 5.982 min  
Delta R.T.: -0.063 min  
Response: 16473  
Conc: 5.23 ng/ml



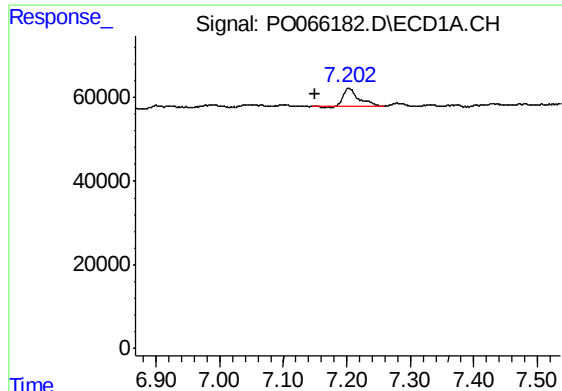
#31 AR-1260-1

R.T.: 6.839 min  
Delta R.T.: -0.057 min  
Response: 23397  
Conc: 11.67 ng/ml



#31 AR-1260-1

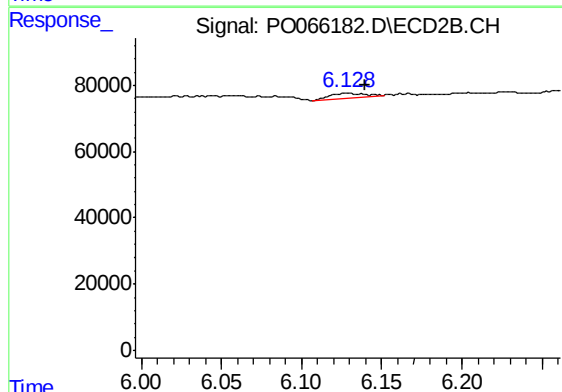
R.T.: 5.949 min  
Delta R.T.: -0.004 min  
Response: 32281  
Conc: 10.03 ng/ml



#32 AR-1260-2

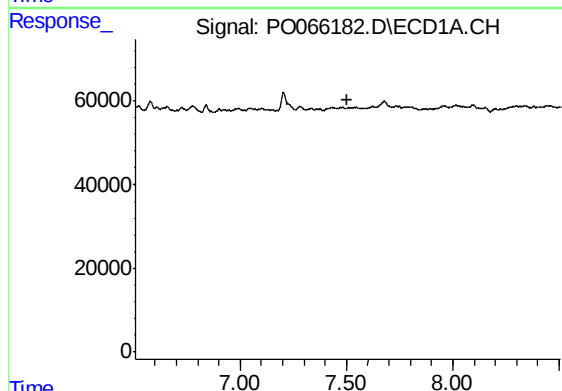
R.T.: 7.203 min  
Delta R.T.: 0.052 min  
Response: 71746  
Conc: 26.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



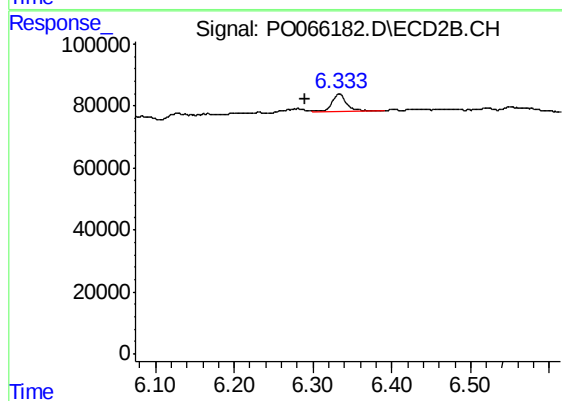
#32 AR-1260-2

R.T.: 6.128 min  
Delta R.T.: -0.011 min  
Response: 20308  
Conc: 4.51 ng/ml



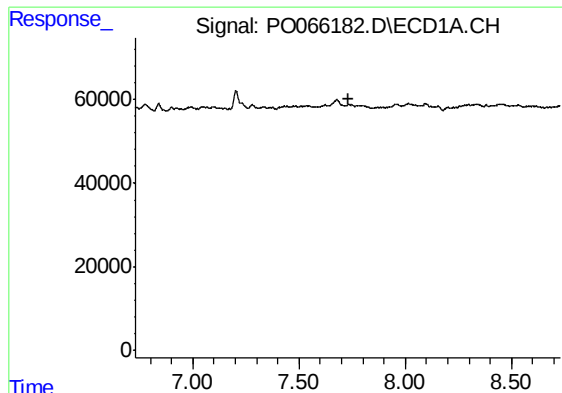
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.507 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

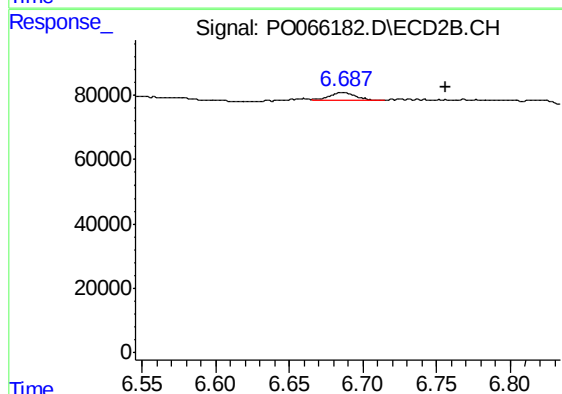
R.T.: 6.333 min  
Delta R.T.: 0.043 min  
Response: 72967  
Conc: 19.36 ng/ml



#34 AR-1260-4

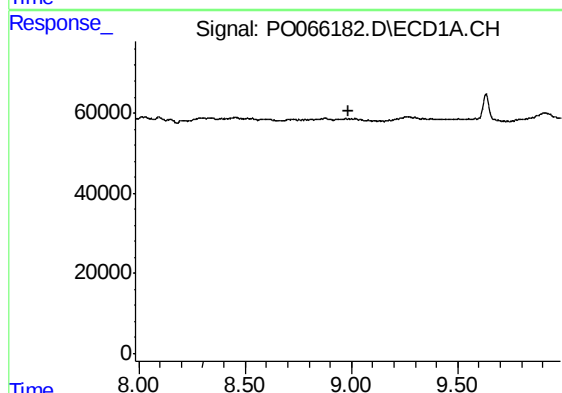
R.T.: 0.000 min  
Exp R.T. : 7.730 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



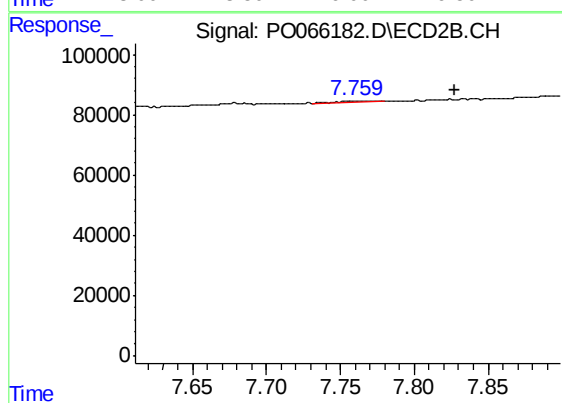
#34 AR-1260-4

R.T.: 6.687 min  
Delta R.T.: -0.069 min  
Response: 29612  
Conc: 9.46 ng/ml



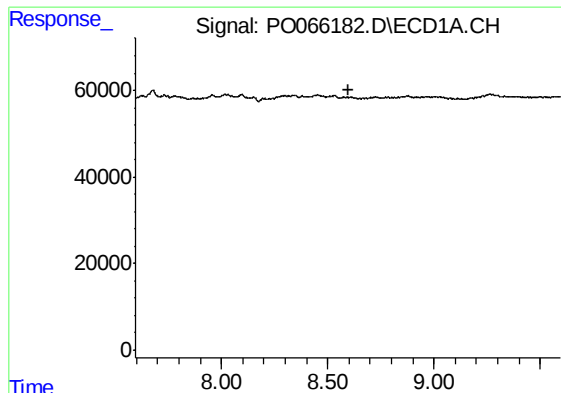
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 8.984 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

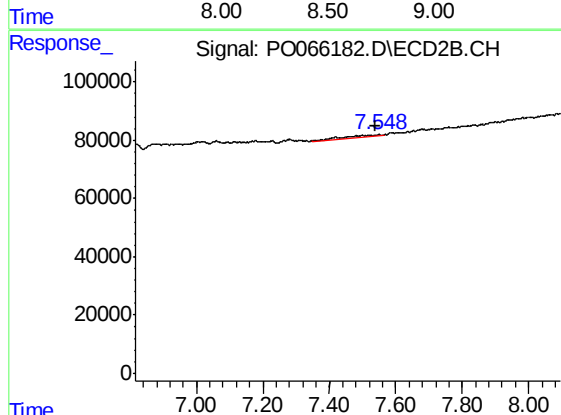
R.T.: 7.759 min  
Delta R.T.: -0.069 min  
Response: 6993  
Conc: 2.48 ng/ml



#43 AR-1268-3

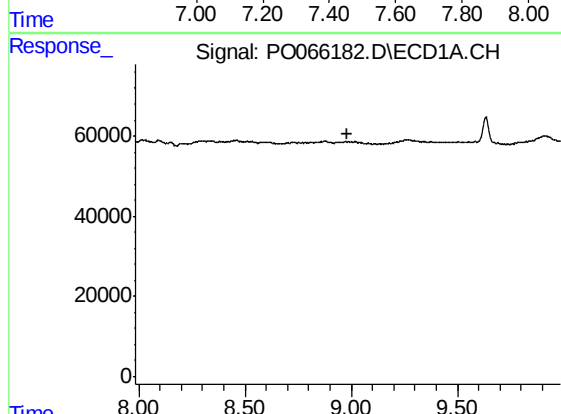
R.T.: 0.000 min  
Exp R.T. : 8.595 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-11



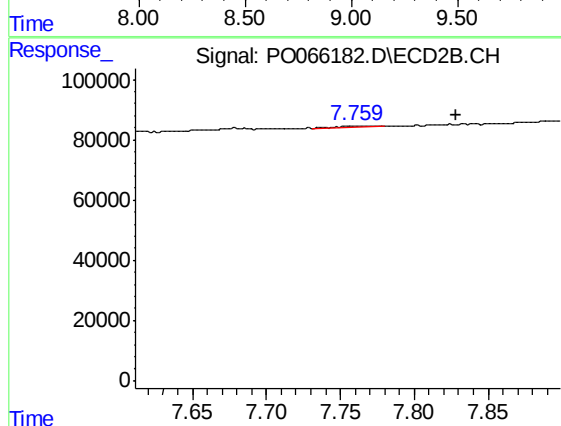
#43 AR-1268-3

R.T.: 7.549 min  
Delta R.T.: 0.011 min  
Response: 49725  
Conc: 5.71 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 8.984 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

R.T.: 7.759 min  
Delta R.T.: -0.069 min  
Response: 6993  
Conc: 2.12 ng/ml