

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100418\  
 Data File : PO049613.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 04 Oct 2018 15:13  
 Operator : SM/SJ  
 Sample : J5198-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 05 00:55:20 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100118.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 02 05:32:25 2018  
 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... | 4.385  | 3.516 | 5069460 | 7444467 | 14.356  | 21.888 #  |
| 2)                          | SA Decachlor... | 10.097 | 8.443 | 3372192 | 2096430 | 7.116   | 6.862     |
| Target Compounds            |                 |        |       |         |         |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.596 | 0       | 148887  | N.D.    | 11.098 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.596 | 0       | 148887  | N.D.    | 8.209 #   |
| 7)                          | L1 AR-1016-5    | 5.976  | 5.037 | 1393589 | 3499245 | 144.212 | 323.738 # |
| 8)                          | L2 AR-1221-1    | 4.562  | 3.675 | 285463  | 332894  | 75.673  | 92.772    |
| 9)                          | L2 AR-1221-2    | 4.693  | 0.000 | 134439  | 0       | 47.390  | N.D. #    |
| 10)                         | L2 AR-1221-3    | 4.693  | 3.939 | 134439  | 752519  | 14.647  | 91.263 #  |
| 11)                         | L3 AR-1232-1    | 4.693  | 3.939 | 134439  | 752519  | 20.326  | 120.145 # |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.596 | 0       | 148887  | N.D.    | 20.239 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.037 | 0       | 3499245 | N.D.    | 874.464 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.596 | 0       | 148887  | N.D.    | 14.560 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.596 | 0       | 148887  | N.D.    | 10.646 #  |
| 20)                         | L4 AR-1242-5    | 6.446  | 5.398 | 4230630 | 3504914 | 467.147 | 362.292   |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.596 | 0       | 148887  | N.D.    | 18.010 #  |
| 23)                         | L5 AR-1248-3    | 5.976  | 0.000 | 1393589 | 0       | 108.887 | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.446  | 5.037 | 4230630 | 3499245 | 260.345 | 260.128   |
| 25)                         | L5 AR-1248-5    | 6.446  | 5.398 | 4230630 | 3504914 | 273.986 | 249.730   |
| 26)                         | L6 AR-1254-1    | 6.414  | 5.398 | 3292464 | 3504914 | 186.292 | 151.372   |
| 27)                         | L6 AR-1254-2    | 6.631  | 5.519 | 3383303 | 1168448 | 121.740 | 59.156 #  |
| 28)                         | L6 AR-1254-3    | 7.008  | 5.937 | 4922190 | 2077370 | 159.584 | 63.403 #  |
| 29)                         | L6 AR-1254-4    | 7.285  | 6.144 | 1078392 | 813367  | 42.793  | 35.715    |
| 30)                         | L6 AR-1254-5    | 7.726  | 6.558 | 5806840 | 4712425 | 237.356 | 157.004 # |
| 31)                         | L7 AR-1260-1    | 7.160  | 6.047 | 2058547 | 1168559 | 97.326  | 56.925 #  |
| 32)                         | L7 AR-1260-2    | 7.413  | 6.218 | 3390354 | 3007757 | 126.005 | 112.978   |
| 33)                         | L7 AR-1260-3    | 7.777  | 6.384 | 266596  | 517998  | 13.494  | 21.855 #  |
| 34)                         | L7 AR-1260-4    | 7.996  | 6.861 | 509542  | 327427  | 25.906  | 18.151 #  |
| 35)                         | L7 AR-1260-5    | 8.321  | 7.093 | 329378  | 247836  | 7.337   | 5.304 #   |
| 36)                         | L8 AR-1262-1    | 7.777  | 6.592 | 266596  | 460755  | 9.253   | 15.953 #  |
| 37)                         | L8 AR-1262-2    | 8.321  | 7.093 | 329378  | 247836  | 6.688   | 4.969 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.377 | 0       | 817194  | N.D.    | 41.296 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.436 | 0       | 356835  | N.D.    | 10.127 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.377 | 0       | 817194  | N.D.    | 12.874 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.436 | 0       | 356835  | N.D.    | 6.190 #   |
| -----                       |                 |        |       |         |         |         |           |

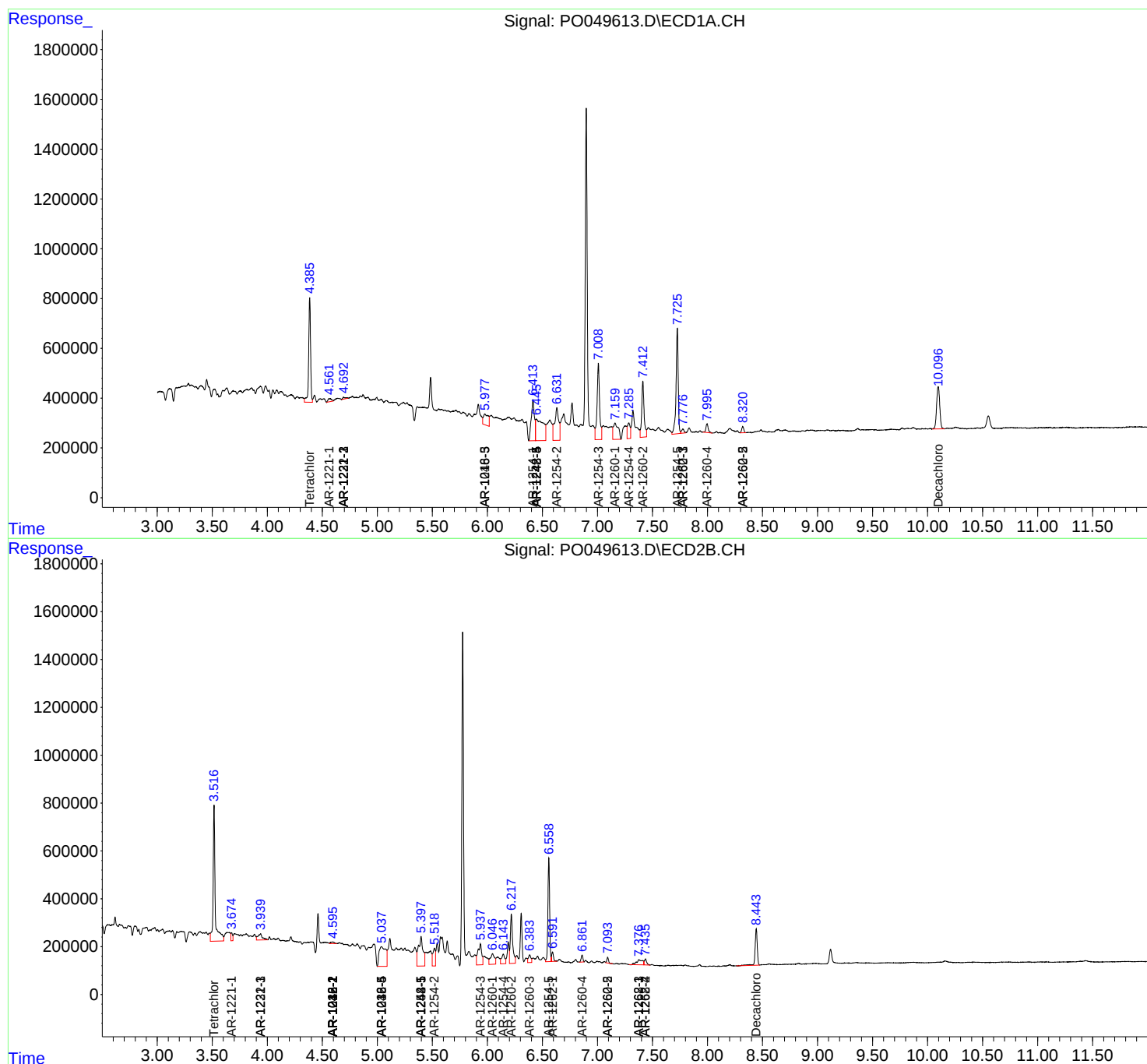
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

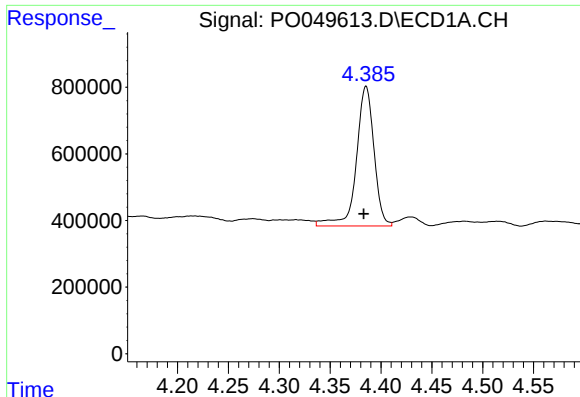
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO100418\  
Data File : P0049613.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 04 Oct 2018 15:13  
Operator : SM/SJ  
Sample : J5198-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 05 00:55:20 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO100118.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 02 05:32:25 2018  
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

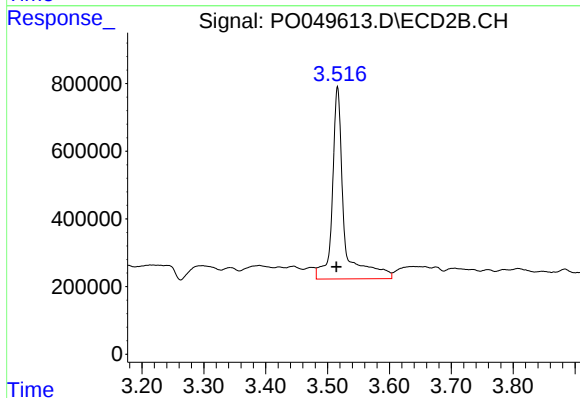




#1 Tetrachloro-m-xylene

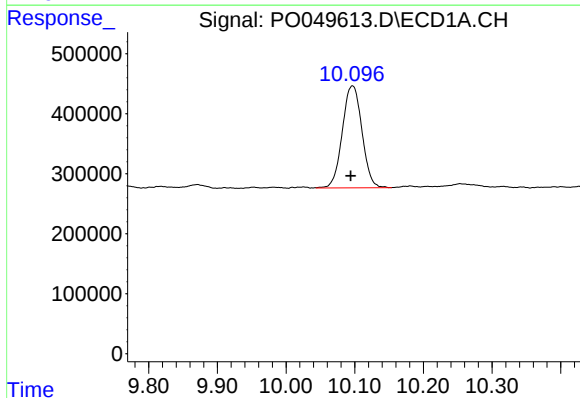
R.T.: 4.385 min  
Delta R.T.: 0.002 min  
Response: 5069460  
Conc: 14.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



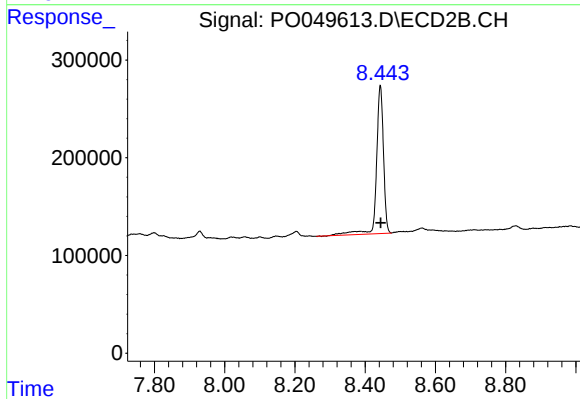
#1 Tetrachloro-m-xylene

R.T.: 3.516 min  
Delta R.T.: 0.002 min  
Response: 7444467  
Conc: 21.89 ng/ml



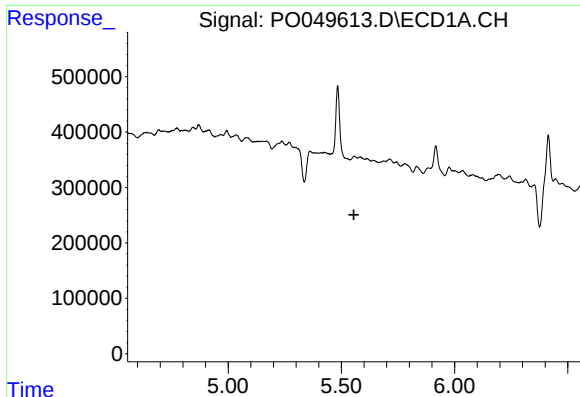
#2 Decachlorobiphenyl

R.T.: 10.097 min  
Delta R.T.: 0.003 min  
Response: 3372192  
Conc: 7.12 ng/ml



#2 Decachlorobiphenyl

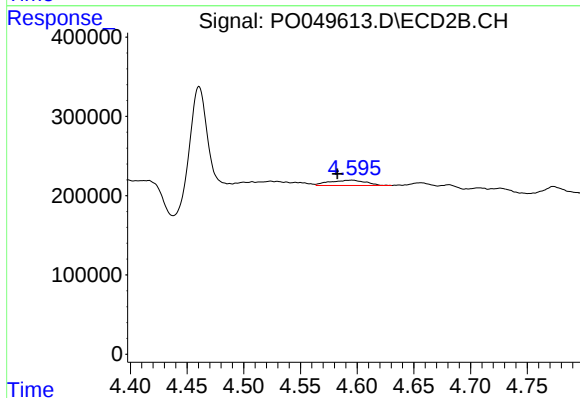
R.T.: 8.443 min  
Delta R.T.: -0.001 min  
Response: 2096430  
Conc: 6.86 ng/ml



#3 AR-1016-1

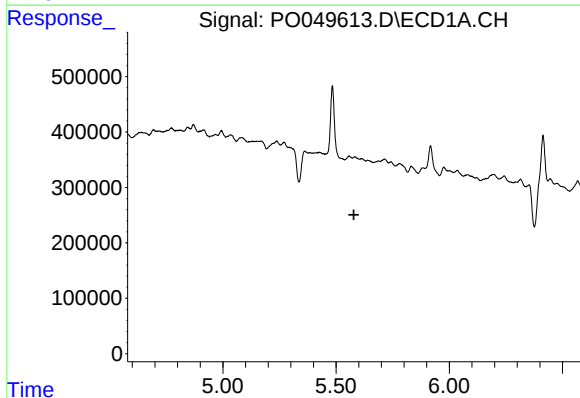
R.T.: 0.000 min  
Exp R.T.: 5.556 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



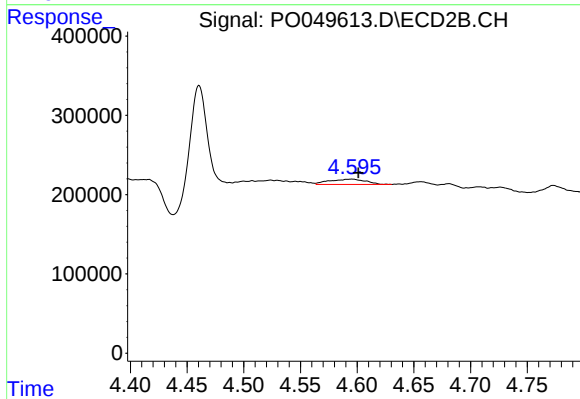
#3 AR-1016-1

R.T.: 4.596 min  
Delta R.T.: 0.013 min  
Response: 148887  
Conc: 11.10 ng/ml



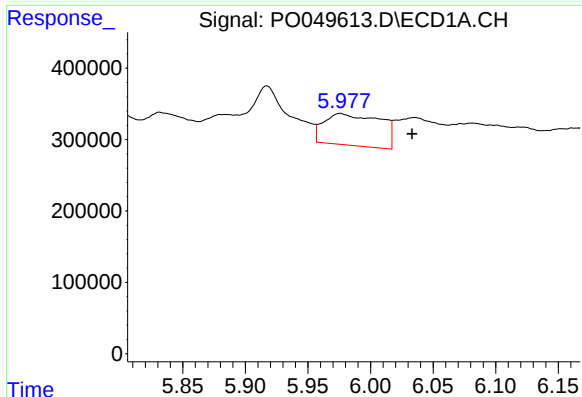
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.578 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

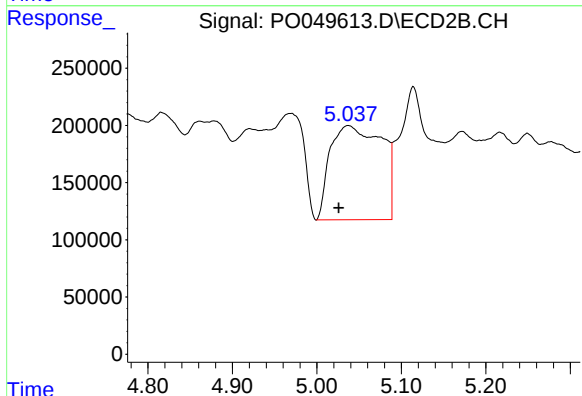
R.T.: 4.596 min  
Delta R.T.: -0.005 min  
Response: 148887  
Conc: 8.21 ng/ml



#7 AR-1016-5

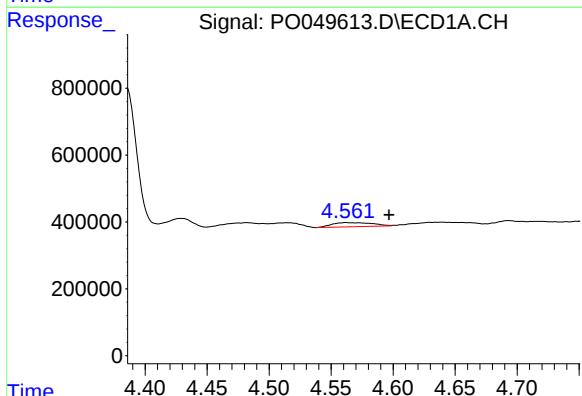
R.T.: 5.976 min  
Delta R.T.: -0.057 min  
Response: 1393589  
Conc: 144.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



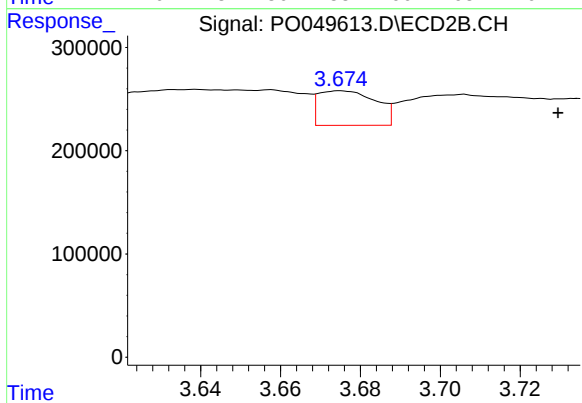
#7 AR-1016-5

R.T.: 5.037 min  
Delta R.T.: 0.011 min  
Response: 3499245  
Conc: 323.74 ng/ml



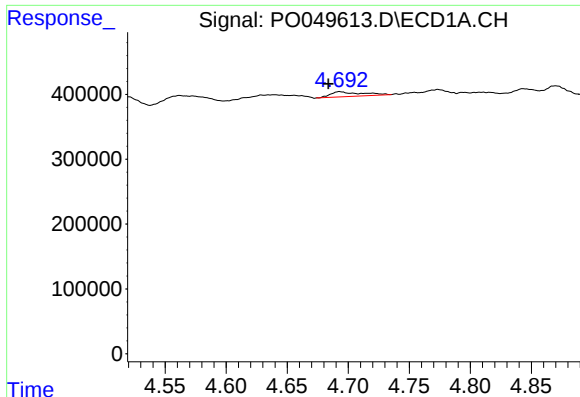
#8 AR-1221-1

R.T.: 4.562 min  
Delta R.T.: -0.035 min  
Response: 285463  
Conc: 75.67 ng/ml



#8 AR-1221-1

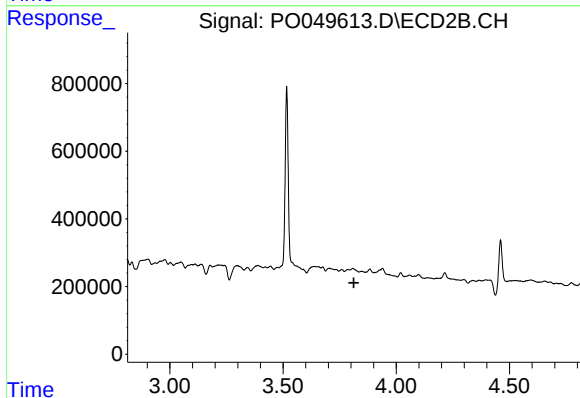
R.T.: 3.675 min  
Delta R.T.: -0.054 min  
Response: 332894  
Conc: 92.77 ng/ml



#9 AR-1221-2

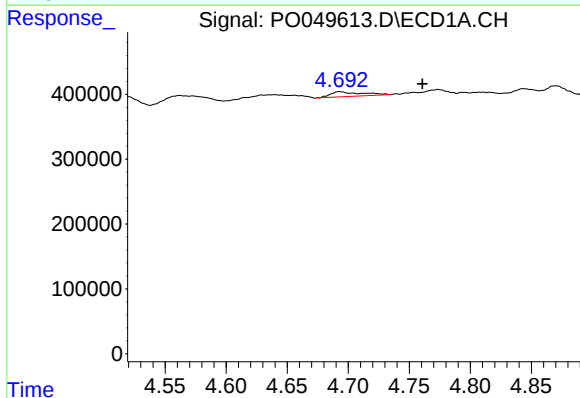
R.T.: 4.693 min  
Delta R.T.: 0.010 min  
Response: 134439  
Conc: 47.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



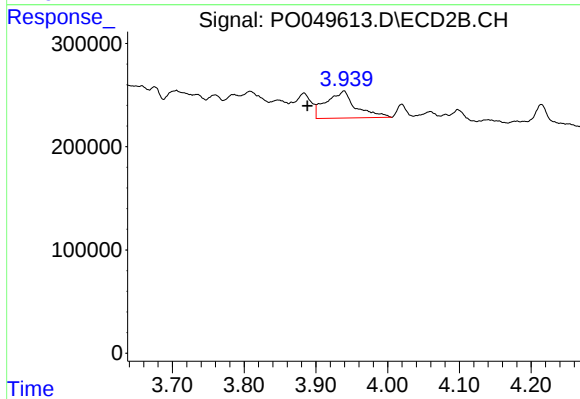
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 3.813 min  
Response: 0  
Conc: N.D.



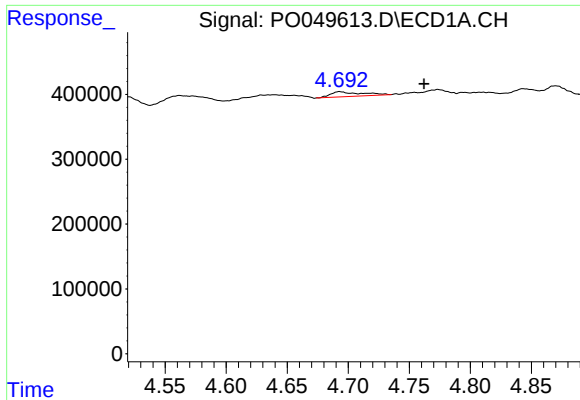
#10 AR-1221-3

R.T.: 4.693 min  
Delta R.T.: -0.067 min  
Response: 134439  
Conc: 14.65 ng/ml



#10 AR-1221-3

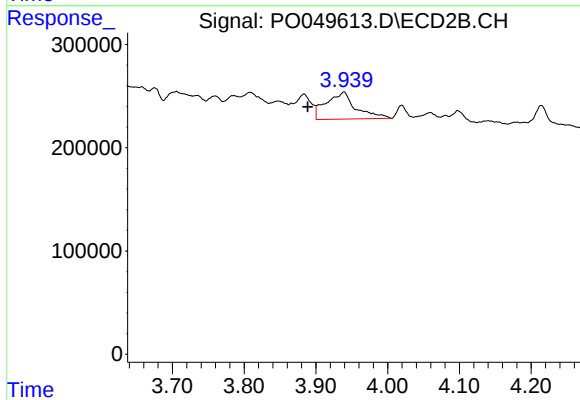
R.T.: 3.939 min  
Delta R.T.: 0.051 min  
Response: 752519  
Conc: 91.26 ng/ml



#11 AR-1232-1

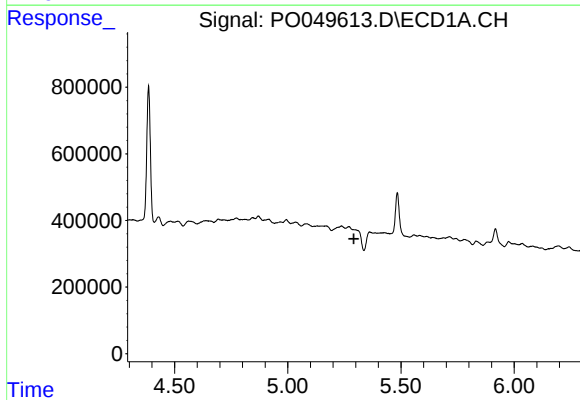
R.T.: 4.693 min  
Delta R.T.: -0.069 min  
Response: 134439  
Conc: 20.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



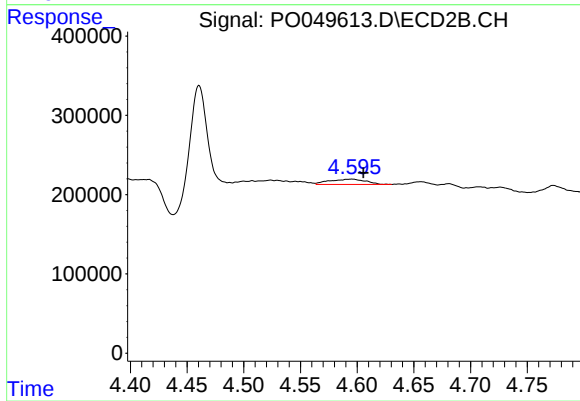
#11 AR-1232-1

R.T.: 3.939 min  
Delta R.T.: 0.051 min  
Response: 752519  
Conc: 120.14 ng/ml



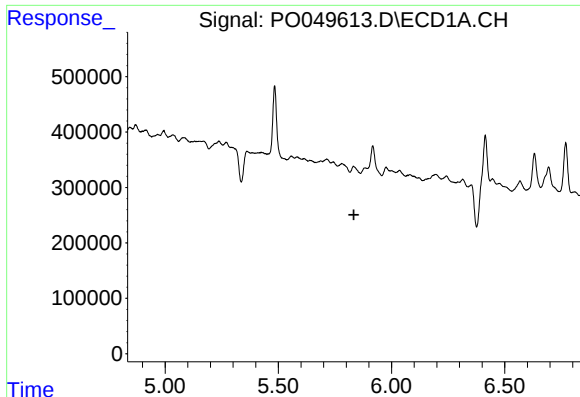
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.292 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

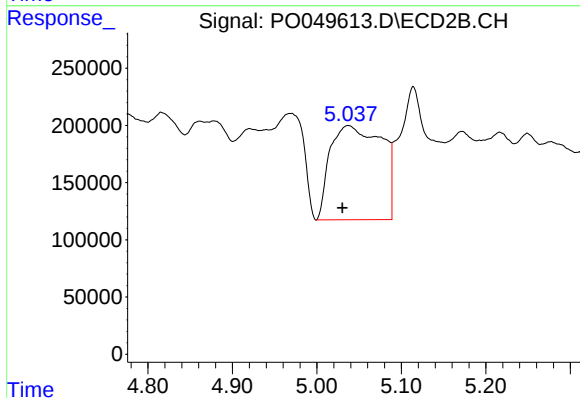
R.T.: 4.596 min  
Delta R.T.: -0.010 min  
Response: 148887  
Conc: 20.24 ng/ml



#15 AR-1232-5

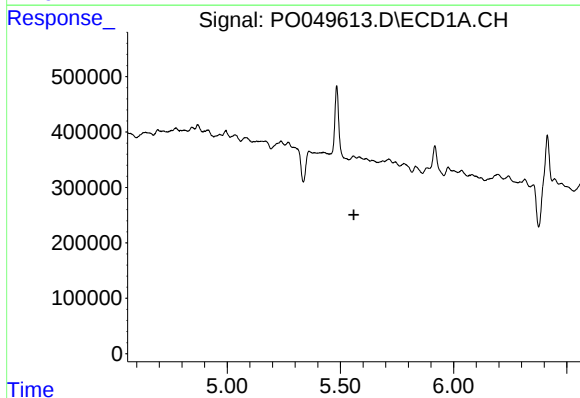
R.T.: 0.000 min  
Exp R.T.: 5.834 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



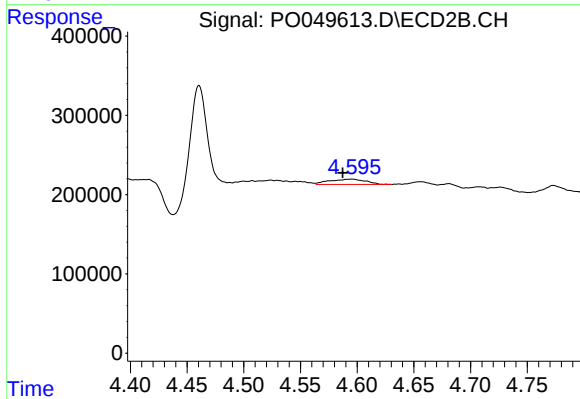
#15 AR-1232-5

R.T.: 5.037 min  
Delta R.T.: 0.007 min  
Response: 3499245  
Conc: 874.46 ng/ml



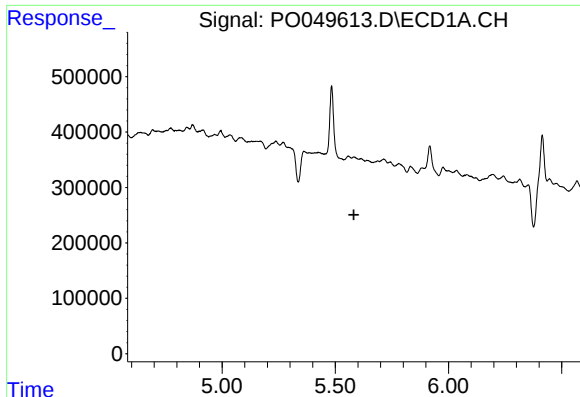
#16 AR-1242-1

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



#16 AR-1242-1

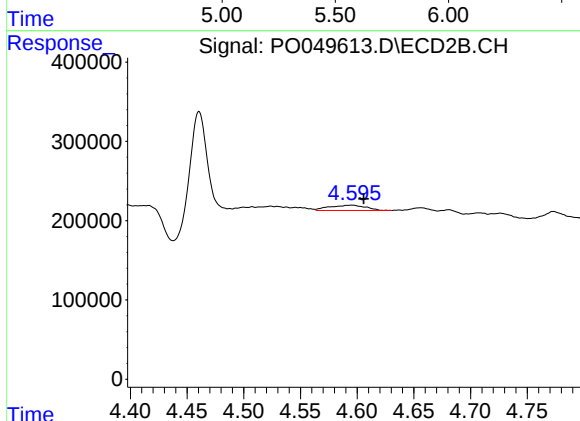
R.T.: 4.596 min  
Delta R.T.: 0.008 min  
Response: 148887  
Conc: 14.56 ng/ml



#17 AR-1242-2

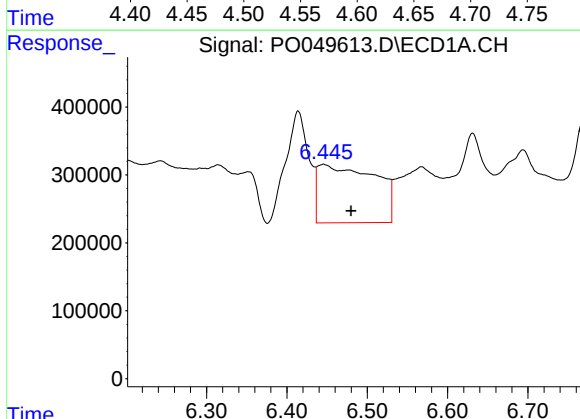
R.T.: 0.000 min  
Exp R.T.: 5.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



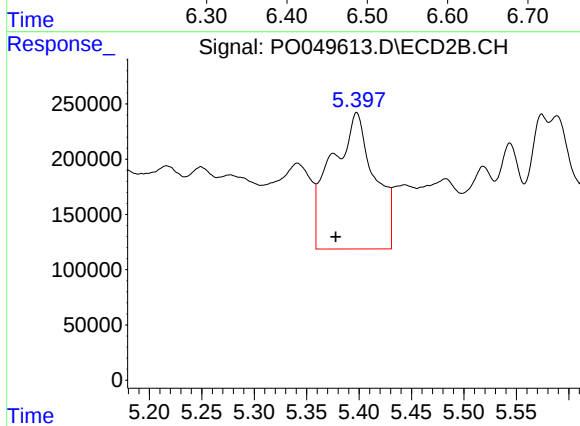
#17 AR-1242-2

R.T.: 4.596 min  
Delta R.T.: -0.010 min  
Response: 148887  
Conc: 10.65 ng/ml



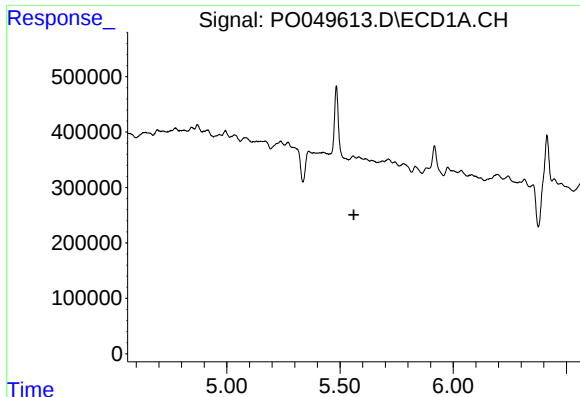
#20 AR-1242-5

R.T.: 6.446 min  
Delta R.T.: -0.034 min  
Response: 4230630  
Conc: 467.15 ng/ml



#20 AR-1242-5

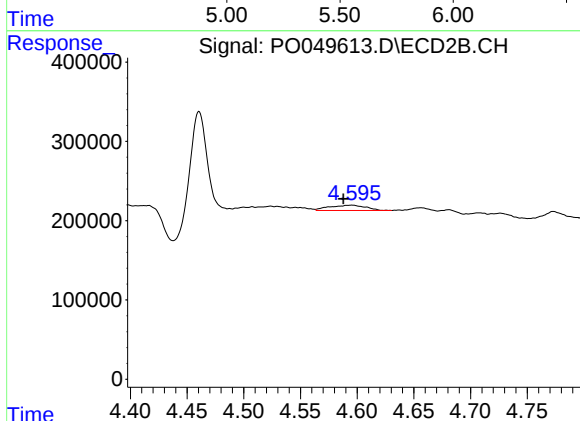
R.T.: 5.398 min  
Delta R.T.: 0.020 min  
Response: 3504914  
Conc: 362.29 ng/ml



#21 AR-1248-1

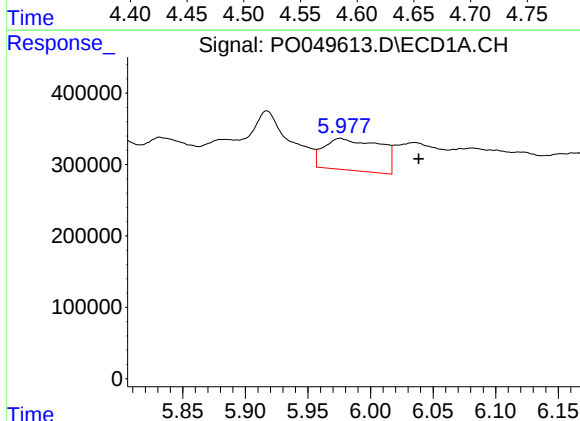
R.T.: 0.000 min  
Exp R.T.: 5.561 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



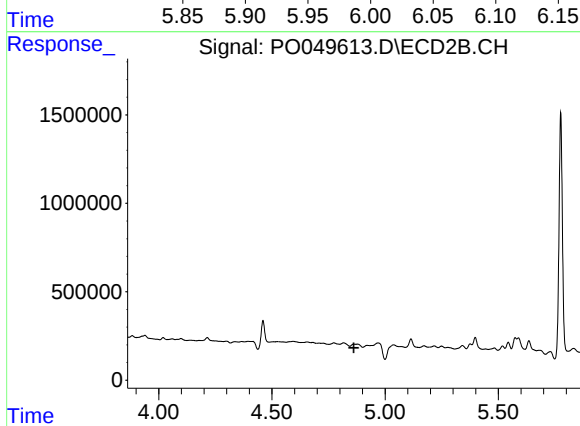
#21 AR-1248-1

R.T.: 4.596 min  
Delta R.T.: 0.008 min  
Response: 148887  
Conc: 18.01 ng/ml



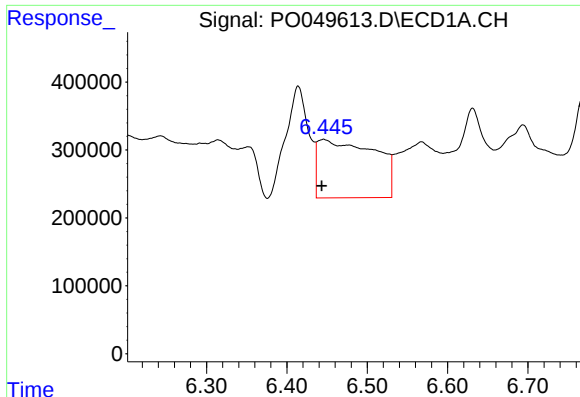
#23 AR-1248-3

R.T.: 5.976 min  
Delta R.T.: -0.062 min  
Response: 1393589  
Conc: 108.89 ng/ml



#23 AR-1248-3

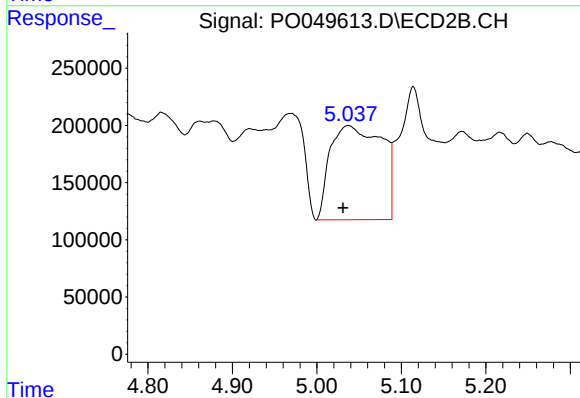
R.T.: 0.000 min  
Exp R.T.: 4.862 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

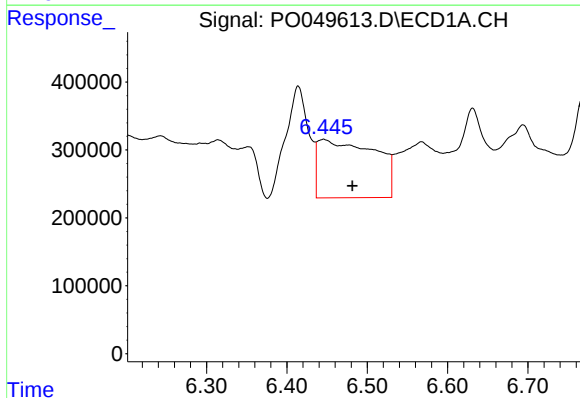
R.T.: 6.446 min  
Delta R.T.: 0.002 min  
Response: 4230630  
Conc: 260.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



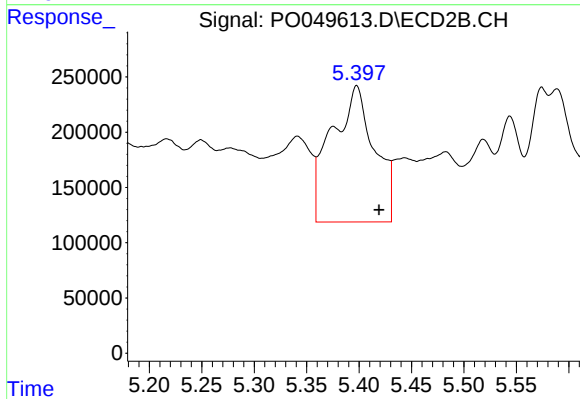
#24 AR-1248-4

R.T.: 5.037 min  
Delta R.T.: 0.006 min  
Response: 3499245  
Conc: 260.13 ng/ml



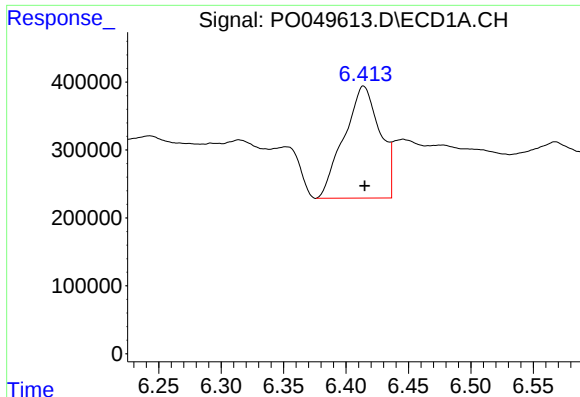
#25 AR-1248-5

R.T.: 6.446 min  
Delta R.T.: -0.036 min  
Response: 4230630  
Conc: 273.99 ng/ml



#25 AR-1248-5

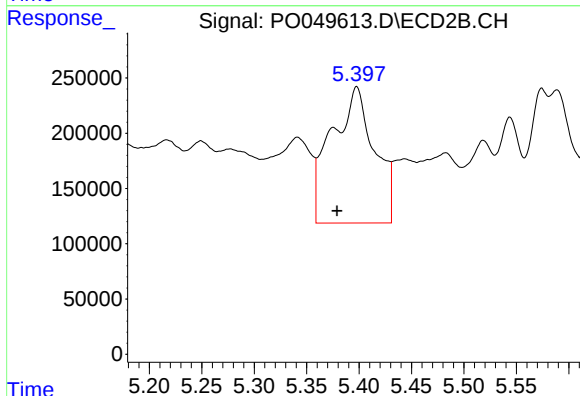
R.T.: 5.398 min  
Delta R.T.: -0.021 min  
Response: 3504914  
Conc: 249.73 ng/ml



#26 AR-1254-1

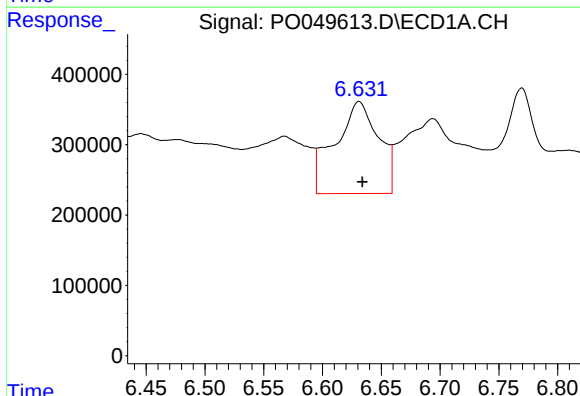
R.T.: 6.414 min  
Delta R.T.: 0.000 min  
Response: 3292464  
Conc: 186.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



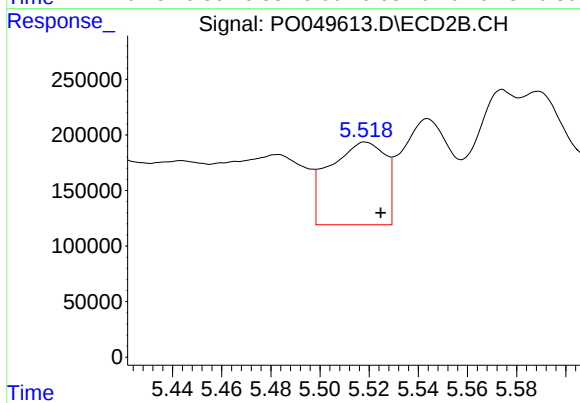
#26 AR-1254-1

R.T.: 5.398 min  
Delta R.T.: 0.019 min  
Response: 3504914  
Conc: 151.37 ng/ml



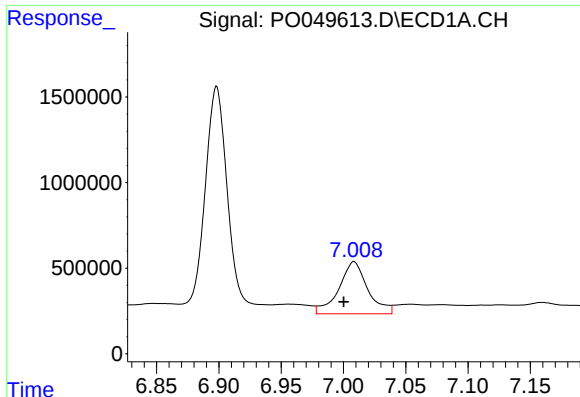
#27 AR-1254-2

R.T.: 6.631 min  
Delta R.T.: -0.003 min  
Response: 3383303  
Conc: 121.74 ng/ml



#27 AR-1254-2

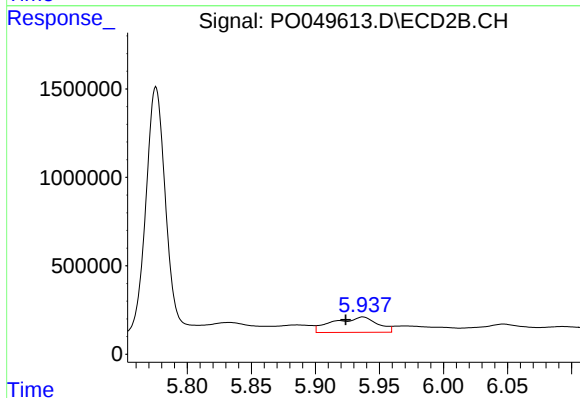
R.T.: 5.519 min  
Delta R.T.: -0.006 min  
Response: 1168448  
Conc: 59.16 ng/ml



#28 AR-1254-3

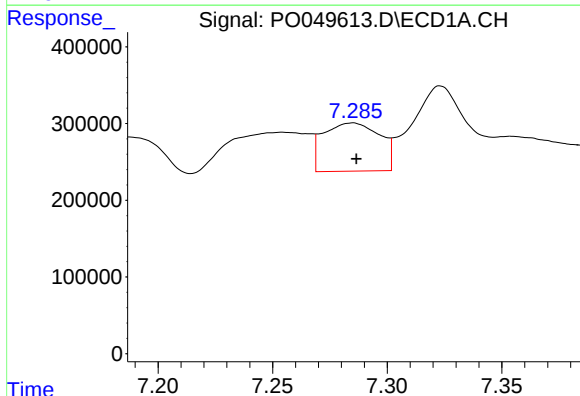
R.T.: 7.008 min  
Delta R.T.: 0.008 min  
Response: 4922190  
Conc: 159.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



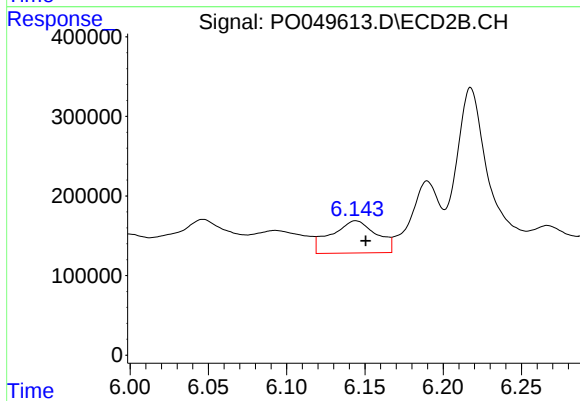
#28 AR-1254-3

R.T.: 5.937 min  
Delta R.T.: 0.013 min  
Response: 2077370  
Conc: 63.40 ng/ml



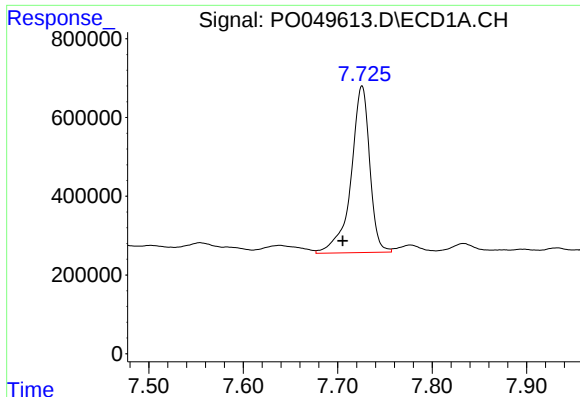
#29 AR-1254-4

R.T.: 7.285 min  
Delta R.T.: -0.002 min  
Response: 1078392  
Conc: 42.79 ng/ml



#29 AR-1254-4

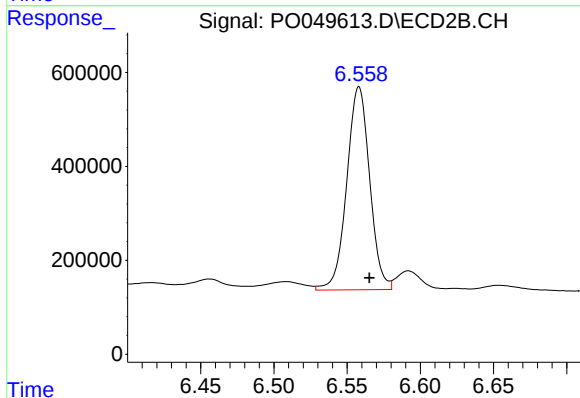
R.T.: 6.144 min  
Delta R.T.: -0.006 min  
Response: 813367  
Conc: 35.72 ng/ml



#30 AR-1254-5

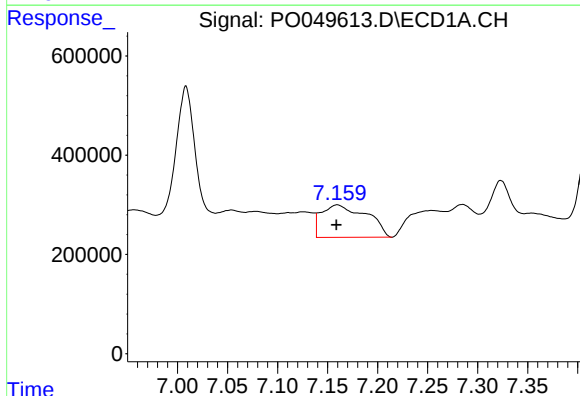
R.T.: 7.726 min  
Delta R.T.: 0.020 min  
Response: 5806840  
Conc: 237.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



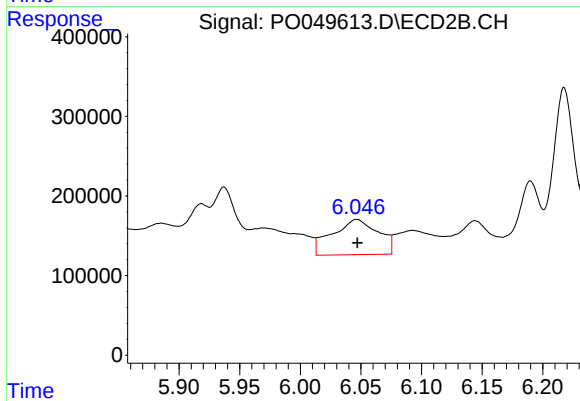
#30 AR-1254-5

R.T.: 6.558 min  
Delta R.T.: -0.007 min  
Response: 4712425  
Conc: 157.00 ng/ml



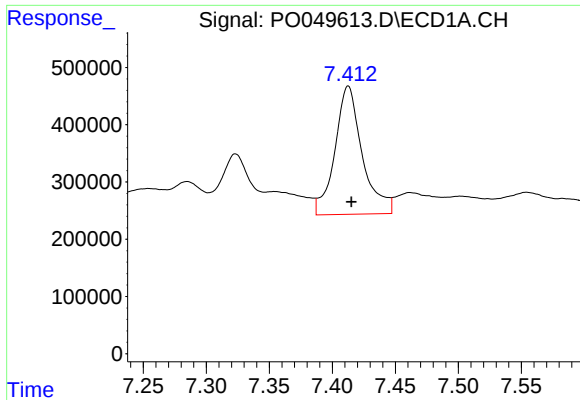
#31 AR-1260-1

R.T.: 7.160 min  
Delta R.T.: 0.000 min  
Response: 2058547  
Conc: 97.33 ng/ml



#31 AR-1260-1

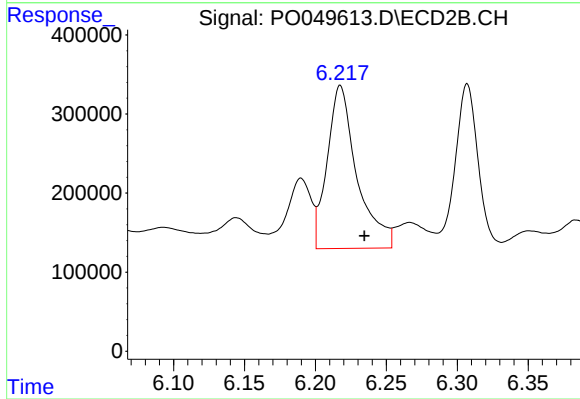
R.T.: 6.047 min  
Delta R.T.: 0.000 min  
Response: 1168559  
Conc: 56.93 ng/ml



#32 AR-1260-2

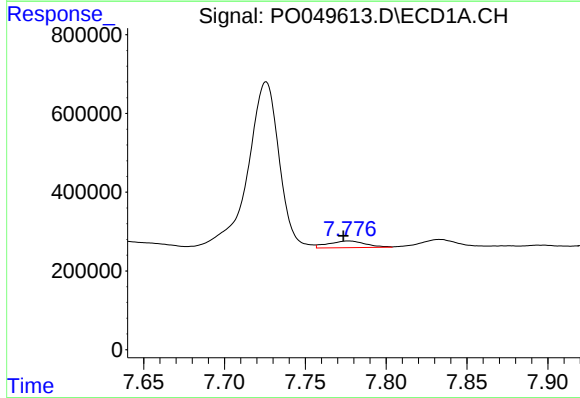
R.T.: 7.413 min  
Delta R.T.: -0.003 min  
Response: 3390354  
Conc: 126.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



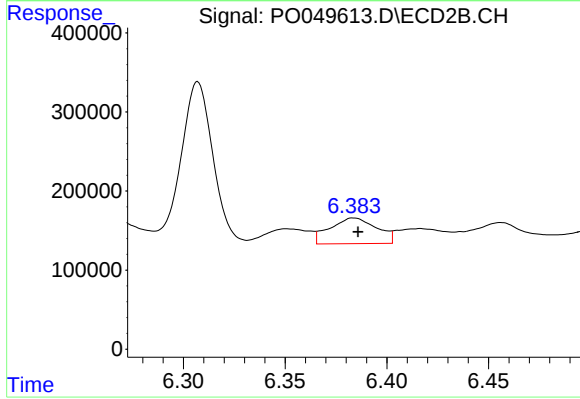
#32 AR-1260-2

R.T.: 6.218 min  
Delta R.T.: -0.017 min  
Response: 3007757  
Conc: 112.98 ng/ml



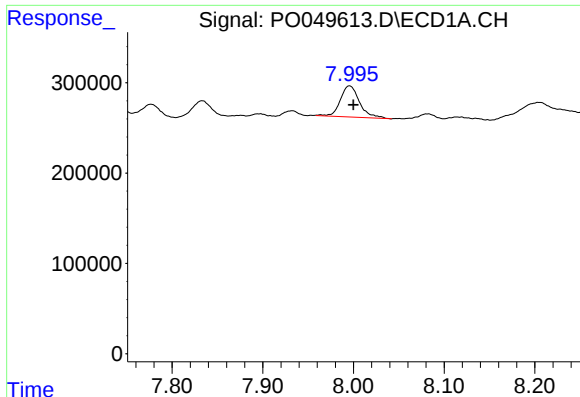
#33 AR-1260-3

R.T.: 7.777 min  
Delta R.T.: 0.003 min  
Response: 266596  
Conc: 13.49 ng/ml



#33 AR-1260-3

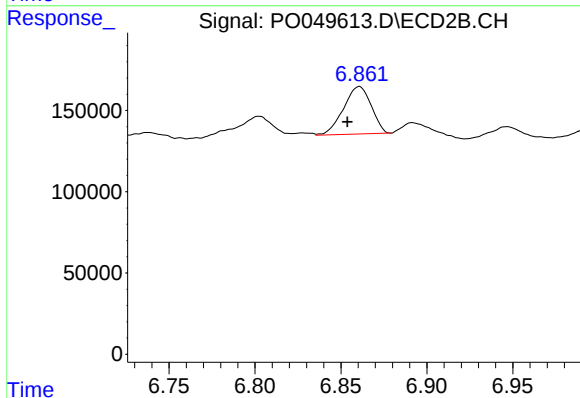
R.T.: 6.384 min  
Delta R.T.: -0.002 min  
Response: 517998  
Conc: 21.86 ng/ml



#34 AR-1260-4

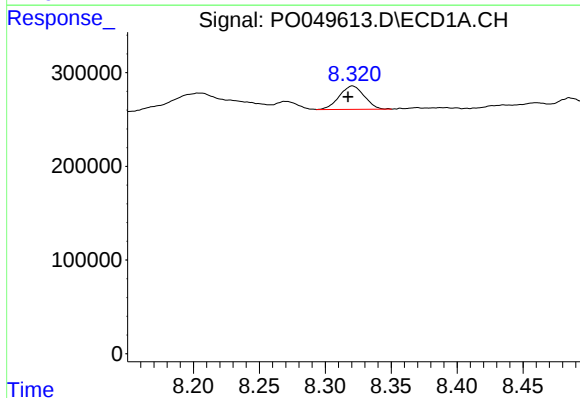
R.T.: 7.996 min  
Delta R.T.: -0.004 min  
Response: 509542  
Conc: 25.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



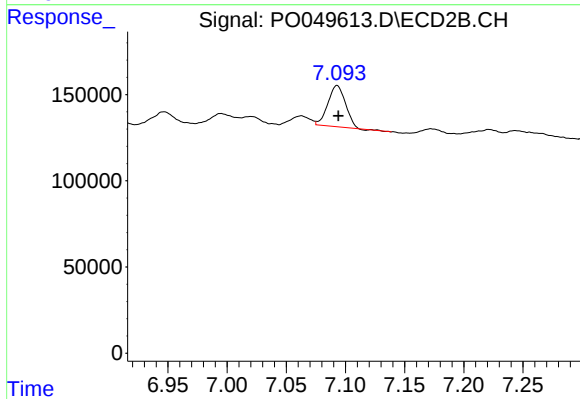
#34 AR-1260-4

R.T.: 6.861 min  
Delta R.T.: 0.007 min  
Response: 327427  
Conc: 18.15 ng/ml



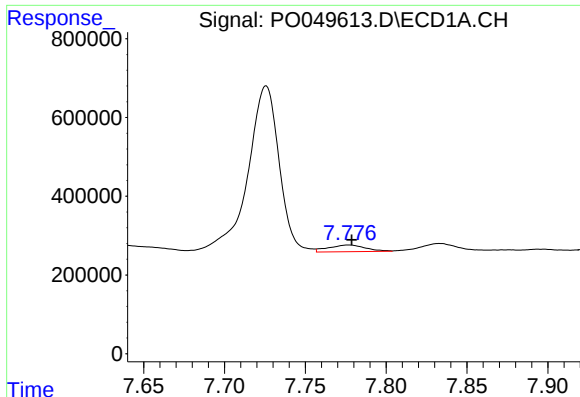
#35 AR-1260-5

R.T.: 8.321 min  
Delta R.T.: 0.003 min  
Response: 329378  
Conc: 7.34 ng/ml



#35 AR-1260-5

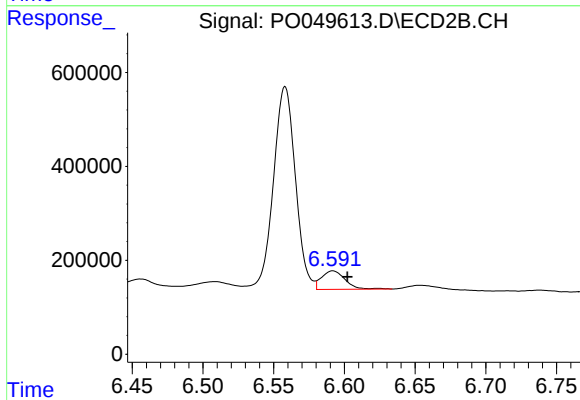
R.T.: 7.093 min  
Delta R.T.: -0.001 min  
Response: 247836  
Conc: 5.30 ng/ml



#36 AR-1262-1

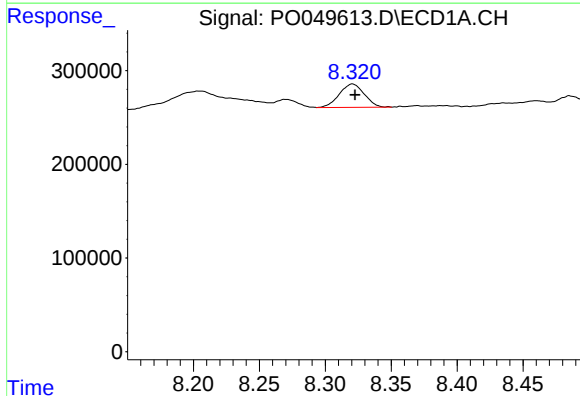
R.T.: 7.777 min  
Delta R.T.: -0.002 min  
Response: 266596  
Conc: 9.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



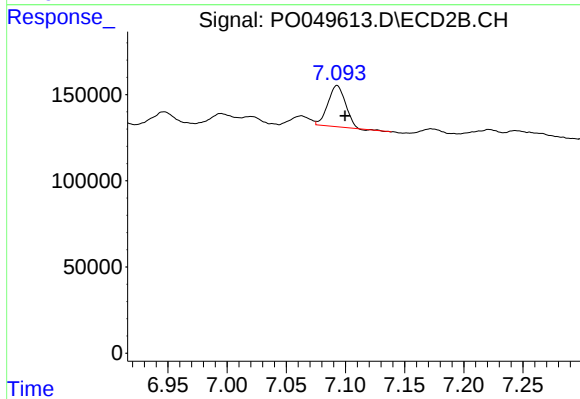
#36 AR-1262-1

R.T.: 6.592 min  
Delta R.T.: -0.010 min  
Response: 460755  
Conc: 15.95 ng/ml



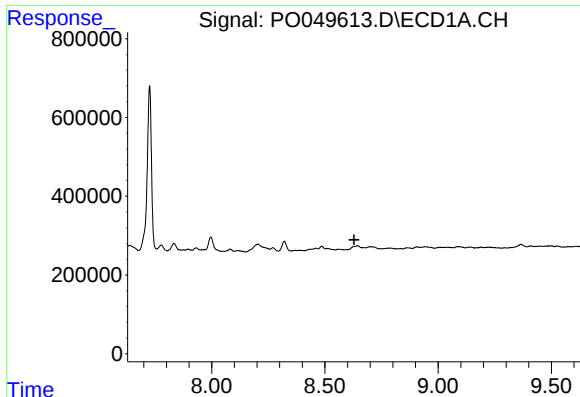
#37 AR-1262-2

R.T.: 8.321 min  
Delta R.T.: -0.002 min  
Response: 329378  
Conc: 6.69 ng/ml



#37 AR-1262-2

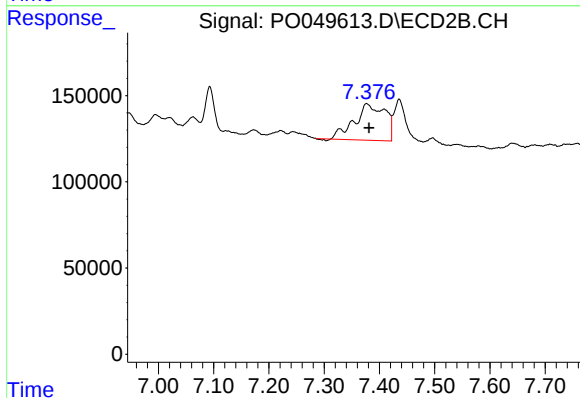
R.T.: 7.093 min  
Delta R.T.: -0.007 min  
Response: 247836  
Conc: 4.97 ng/ml



#38 AR-1262-3

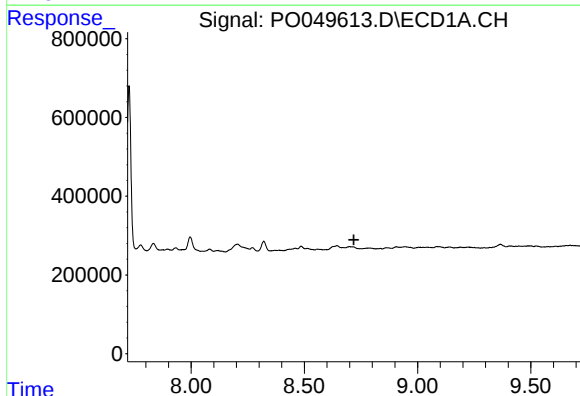
R.T.: 0.000 min  
Exp R.T.: 8.628 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



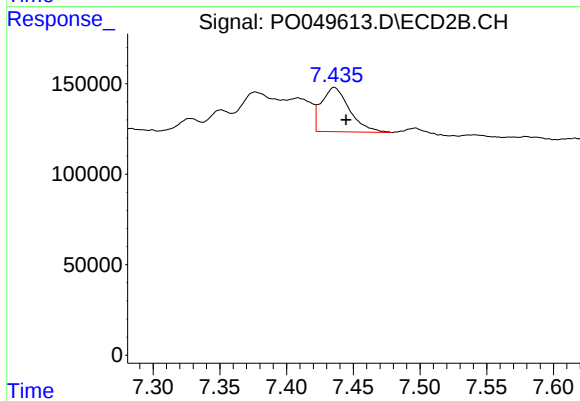
#38 AR-1262-3

R.T.: 7.377 min  
Delta R.T.: -0.004 min  
Response: 817194  
Conc: 41.30 ng/ml



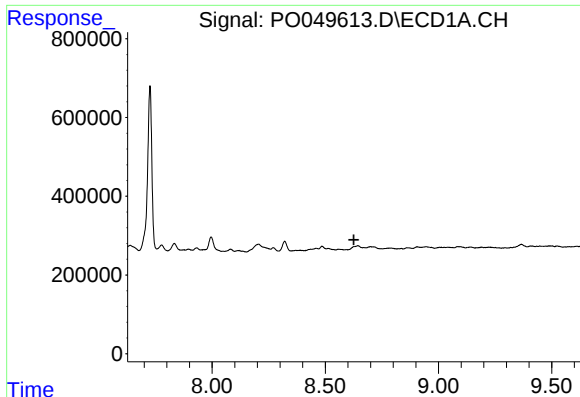
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 8.719 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

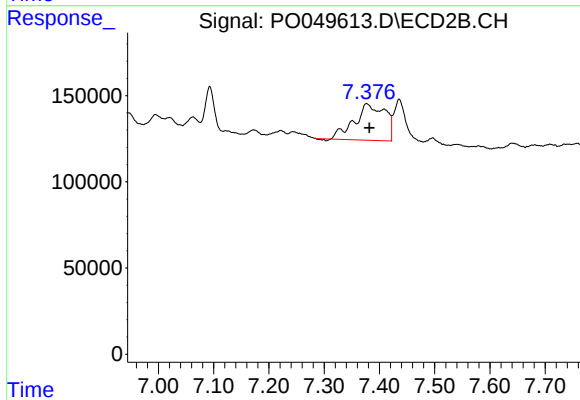
R.T.: 7.436 min  
Delta R.T.: -0.009 min  
Response: 356835  
Conc: 10.13 ng/ml



#41 AR-1268-1

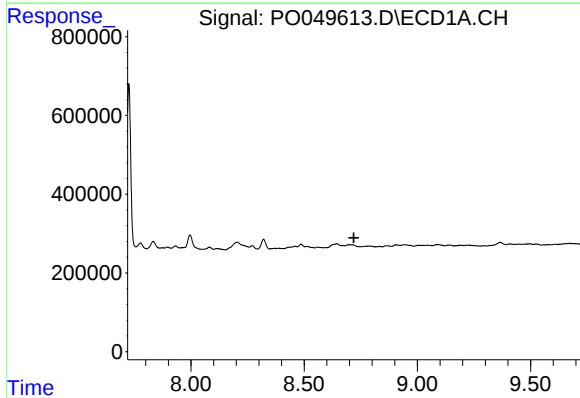
R.T.: 0.000 min  
Exp R.T.: 8.626 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



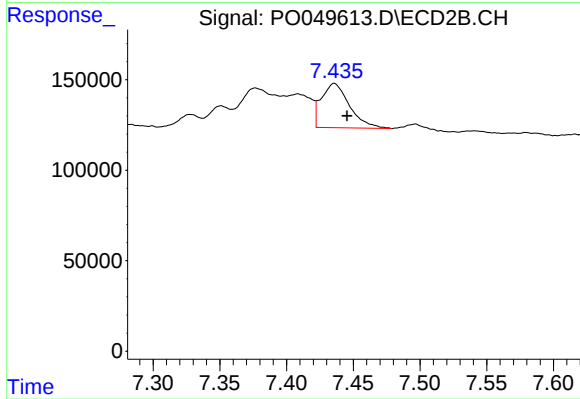
#41 AR-1268-1

R.T.: 7.377 min  
Delta R.T.: -0.004 min  
Response: 817194  
Conc: 12.87 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.720 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.436 min  
Delta R.T.: -0.010 min  
Response: 356835  
Conc: 6.19 ng/ml