

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101819\  
 Data File : PO062170.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 Oct 2019 21:53  
 Operator : HP/AJ  
 Sample : K5427-07  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 445X-3A

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 02:53:39 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101119.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 12 06:25:38 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... | 4.322 | 3.482 | 1144734 | 815104  | 18.509   | 19.008    |
| 2)                          | SA Decachlor... | 9.950 | 8.332 | 890367  | 573662  | 15.913   | 19.551    |
| Target Compounds            |                 |       |       |         |         |          |           |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.816 | 0       | 218657  | N.D.     | 222.506 # |
| 7)                          | L1 AR-1016-5    | 5.961 | 4.965 | 159044  | 42925   | 89.435   | 33.287 #  |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.885 | 0       | 197726  | N.D.     | 168.021 # |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.885 | 0       | 197726  | N.D.     | 127.605 # |
| 12)                         | L3 AR-1232-2    | 5.179 | 0.000 | 52413   | 0       | 43.930   | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.816 | 0       | 218657  | N.D.     | 268.778 # |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.965 | 0       | 42925   | N.D.     | 48.604 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.816 | 0       | 218657  | N.D.     | 231.619 # |
| 20)                         | L4 AR-1242-5    | 6.363 | 5.302 | 198781  | 175225  | 130.055  | 146.844   |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.816 | 0       | 218657  | N.D.     | 172.592 # |
| 23)                         | L5 AR-1248-3    | 5.961 | 4.816 | 159044  | 218657  | 72.012   | 164.719 # |
| 24)                         | L5 AR-1248-4    | 6.363 | 4.965 | 198781  | 42925   | 77.811   | 27.127 #  |
| 25)                         | L5 AR-1248-5    | 6.363 | 5.372 | 198781  | 36934   | 81.296   | 23.999 #  |
| 26)                         | L6 AR-1254-1    | 6.329 | 5.302 | 508853  | 175225  | 190.895  | 71.643 #  |
| 27)                         | L6 AR-1254-2    | 6.546 | 5.446 | 1203800 | 137440  | 294.437  | 64.895 #  |
| 28)                         | L6 AR-1254-3    | 6.915 | 5.838 | 1072341 | 673441  | 256.290  | 206.694   |
| 29)                         | L6 AR-1254-4    | 7.197 | 6.063 | 353820  | 161475  | 117.418  | 83.604 #  |
| 30)                         | L6 AR-1254-5    | 7.636 | 6.472 | 3526496 | 1874012 | 1125.275 | 709.531 # |
| 31)                         | L7 AR-1260-1    | 7.075 | 5.966 | 597058  | 390883  | 209.706  | 183.968   |
| 32)                         | L7 AR-1260-2    | 7.327 | 6.152 | 1981391 | 433318  | 577.572  | 170.757 # |
| 33)                         | L7 AR-1260-3    | 7.687 | 6.299 | 462651  | 312433  | 174.842  | 138.361   |
| 34)                         | L7 AR-1260-4    | 7.907 | 6.762 | 575813  | 184099  | 205.865  | 104.849 # |
| 35)                         | L7 AR-1260-5    | 8.224 | 7.003 | 431683  | 330811  | 82.451   | 91.830    |
| 36)                         | L8 AR-1262-1    | 7.687 | 6.563 | 462651  | 157389  | 112.708  | 132.063   |
| 37)                         | L8 AR-1262-2    | 8.224 | 7.003 | 431683  | 330811  | 66.948   | 78.731    |
| 38)                         | L8 AR-1262-3    | 8.539 | 7.281 | 418374  | 84923   | 95.142   | 48.284 #  |
| 39)                         | L8 AR-1262-4    | 8.612 | 7.343 | 308779  | 280707  | 89.373   | 91.821    |
| 40)                         | L8 AR-1262-5    | 9.239 | 7.832 | 162156  | 134452  | 71.792   | 102.948 # |
| 41)                         | L9 AR-1268-1    | 8.539 | 7.281 | 418374  | 84923   | 55.268   | 18.135 #  |
| 42)                         | L9 AR-1268-2    | 8.612 | 7.343 | 308779  | 280707  | 43.955   | 67.191 #  |
| 43)                         | L9 AR-1268-3    | 8.829 | 7.545 | 50826   | 28111   | 8.479    | 8.068     |
| 44)                         | L9 AR-1268-4    | 9.239 | 7.832 | 162156  | 134452  | 68.247   | 94.361 #  |
| 45)                         | L9 AR-1268-5    | 9.632 | 8.100 | 158026  | 112699  | 8.768    | 12.173 #  |
| -----                       |                 |       |       |         |         |          |           |

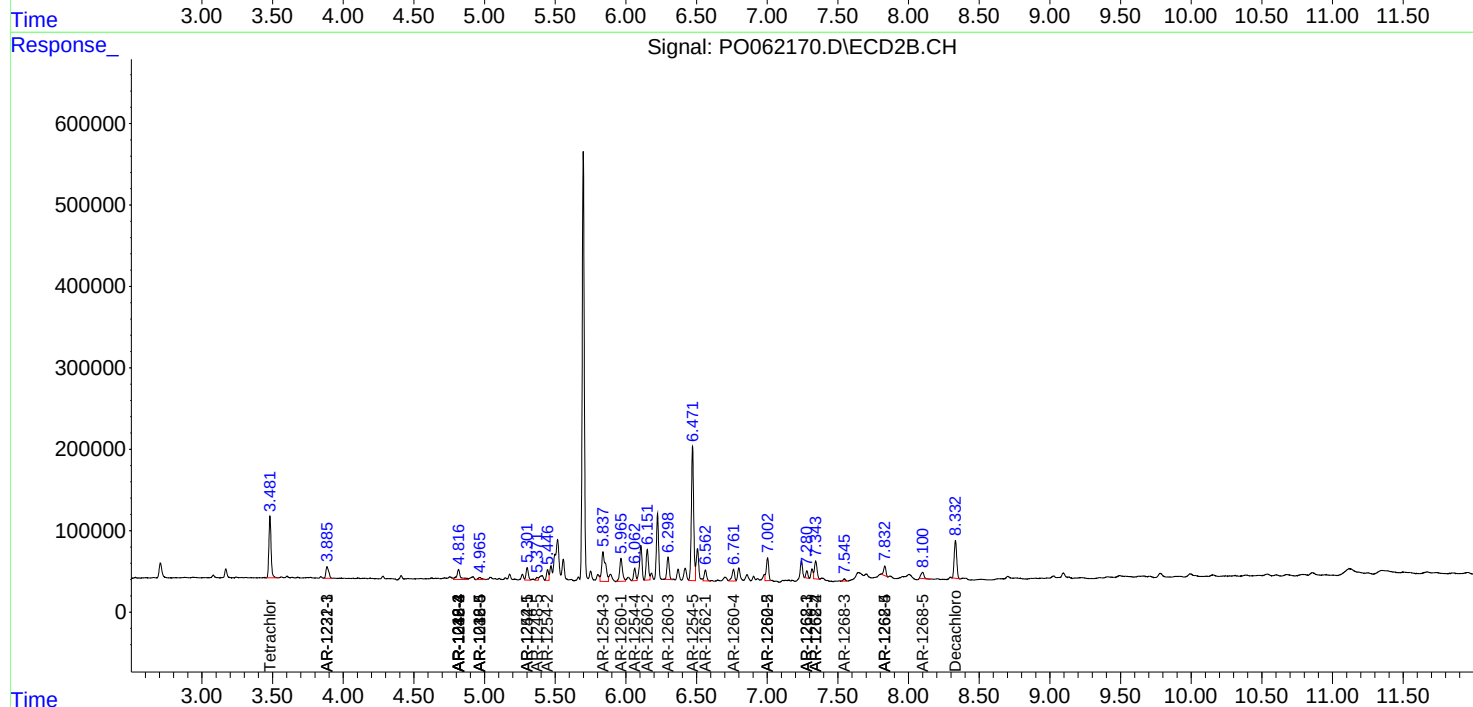
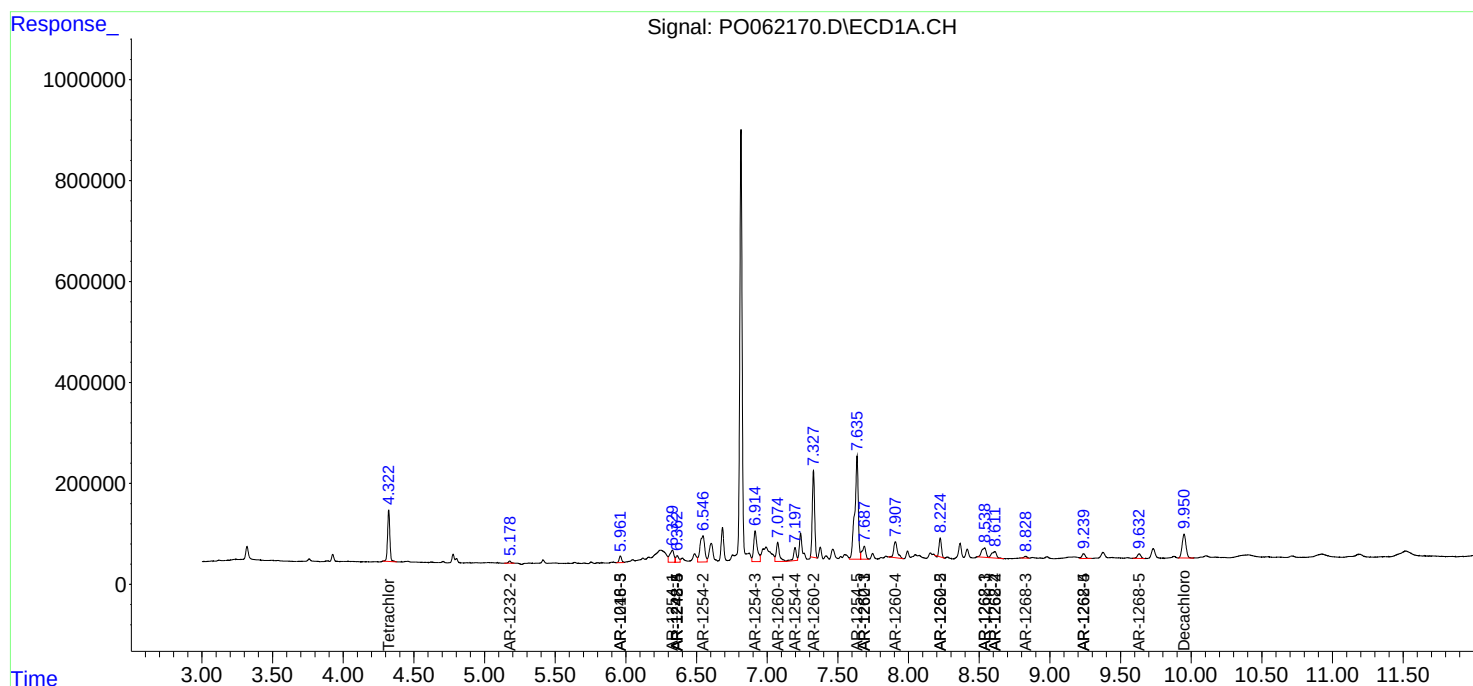
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

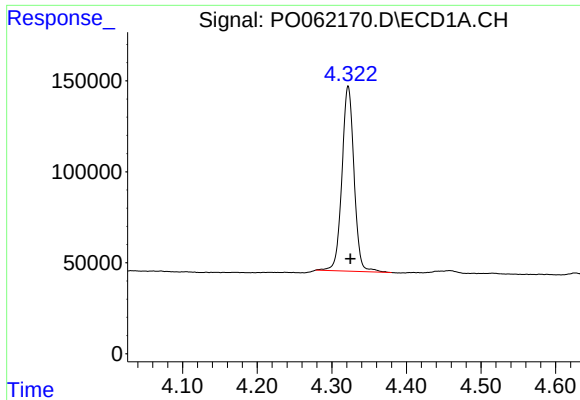
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101819\  
Data File : P0062170.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 18 Oct 2019 21:53  
Operator : HP/AJ  
Sample : K5427-07  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 19 02:53:39 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101119.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 12 06:25:38 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

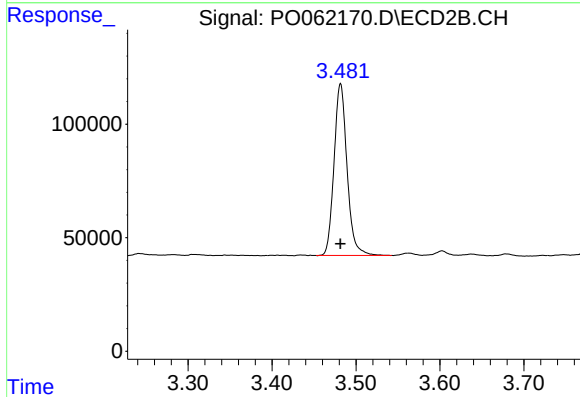




#1 Tetrachloro-m-xylene

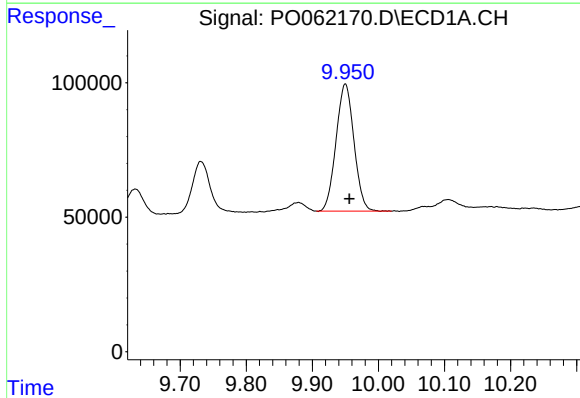
R.T.: 4.322 min  
Delta R.T.: -0.003 min  
Response: 1144734  
Conc: 18.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



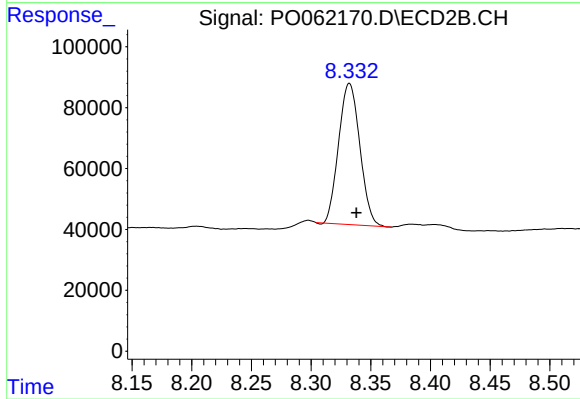
#1 Tetrachloro-m-xylene

R.T.: 3.482 min  
Delta R.T.: 0.000 min  
Response: 815104  
Conc: 19.01 ng/ml



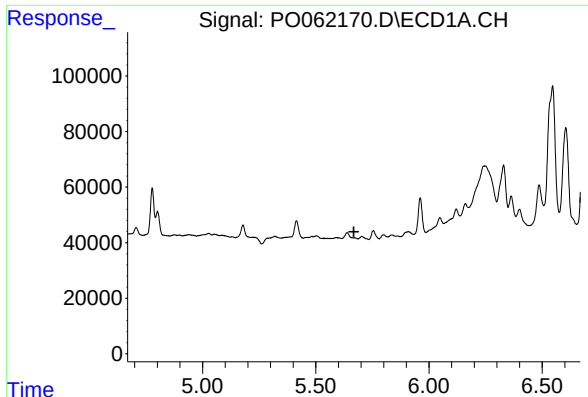
#2 Decachlorobiphenyl

R.T.: 9.950 min  
Delta R.T.: -0.007 min  
Response: 890367  
Conc: 15.91 ng/ml



#2 Decachlorobiphenyl

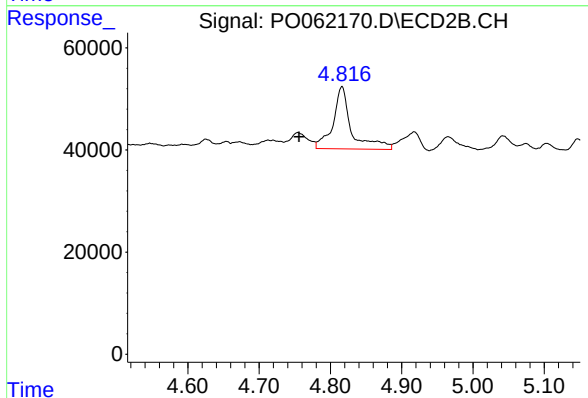
R.T.: 8.332 min  
Delta R.T.: -0.006 min  
Response: 573662  
Conc: 19.55 ng/ml



#6 AR-1016-4

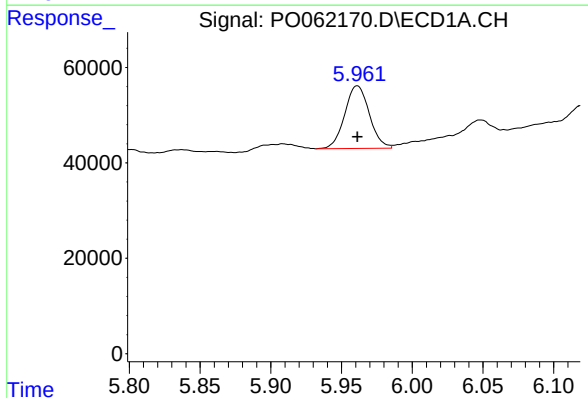
R.T.: 0.000 min  
Exp R.T.: 5.668 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



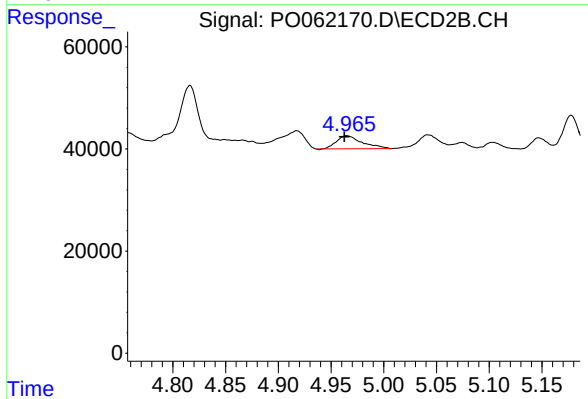
#6 AR-1016-4

R.T.: 4.816 min  
Delta R.T.: 0.060 min  
Response: 218657  
Conc: 222.51 ng/ml



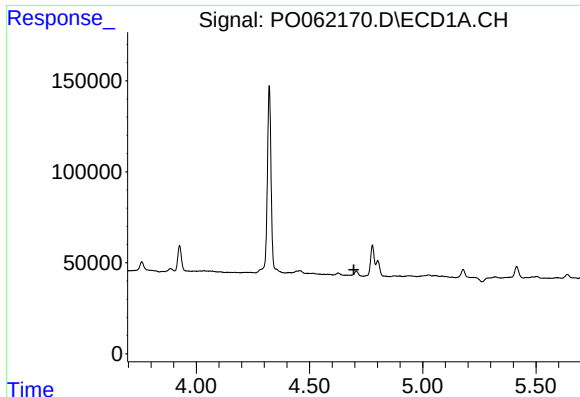
#7 AR-1016-5

R.T.: 5.961 min  
Delta R.T.: 0.000 min  
Response: 159044  
Conc: 89.44 ng/ml



#7 AR-1016-5

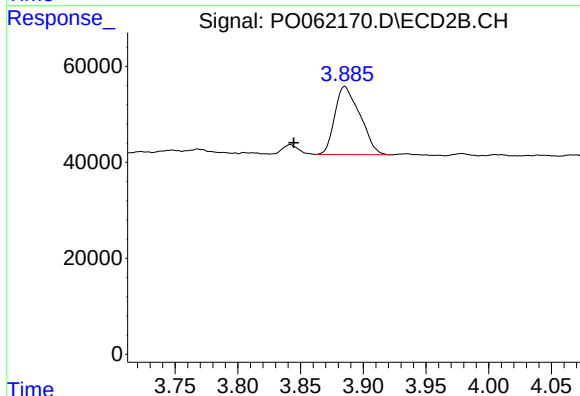
R.T.: 4.965 min  
Delta R.T.: 0.002 min  
Response: 42925  
Conc: 33.29 ng/ml



#10 AR-1221-3

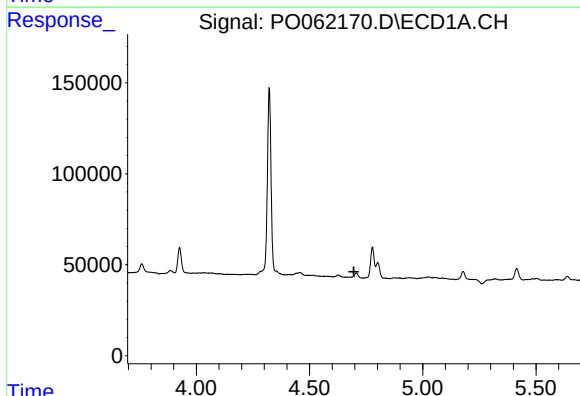
R.T.: 0.000 min  
Exp R.T. : 4.696 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



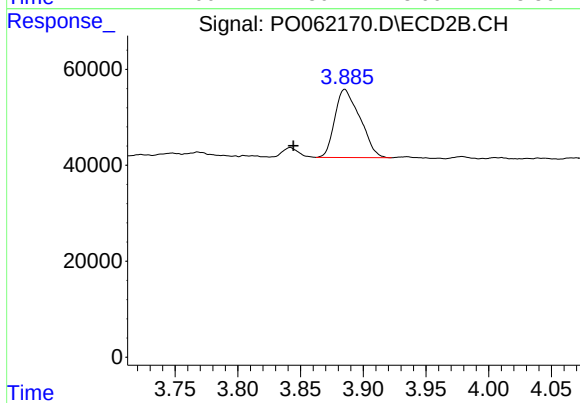
#10 AR-1221-3

R.T.: 3.885 min  
Delta R.T.: 0.041 min  
Response: 197726  
Conc: 168.02 ng/ml



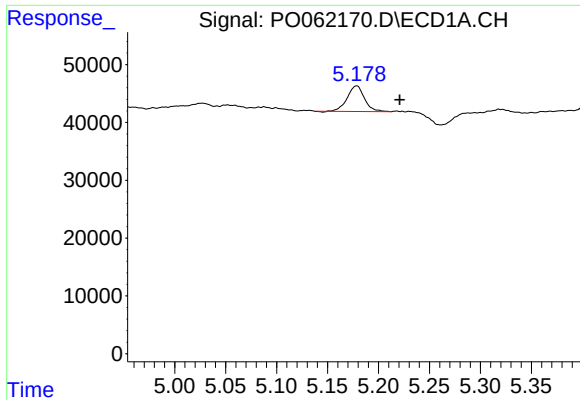
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.696 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

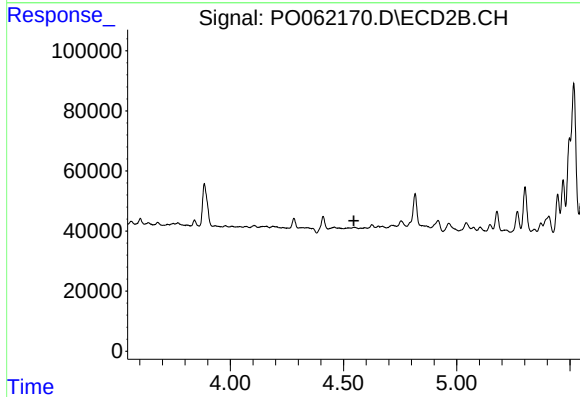
R.T.: 3.885 min  
Delta R.T.: 0.041 min  
Response: 197726  
Conc: 127.61 ng/ml



#12 AR-1232-2

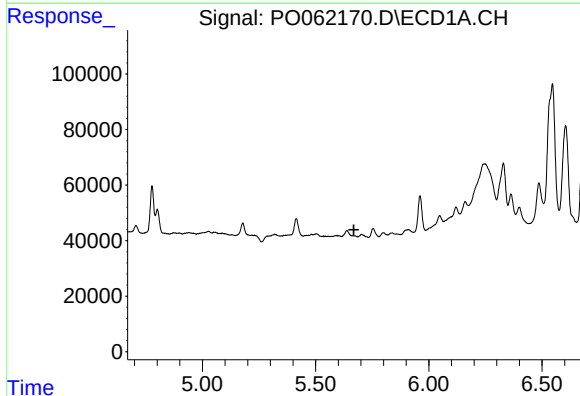
R.T.: 5.179 min  
Delta R.T.: -0.042 min  
Response: 52413  
Conc: 43.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



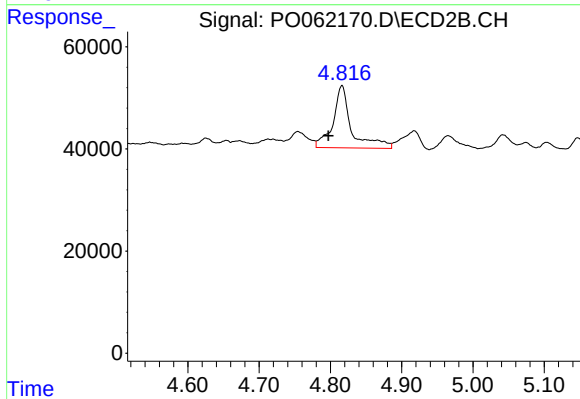
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 4.545 min  
Response: 0  
Conc: N.D.



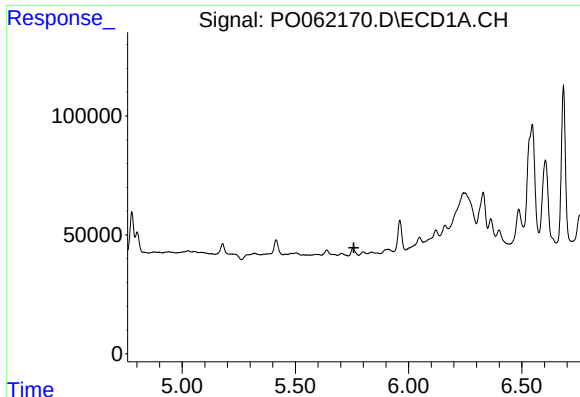
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.669 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

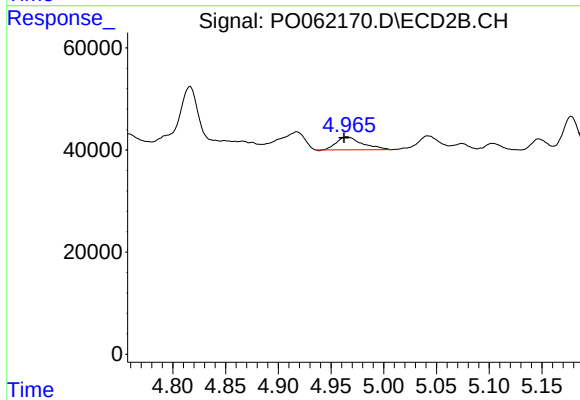
R.T.: 4.816 min  
Delta R.T.: 0.019 min  
Response: 218657  
Conc: 268.78 ng/ml



#15 AR-1232-5

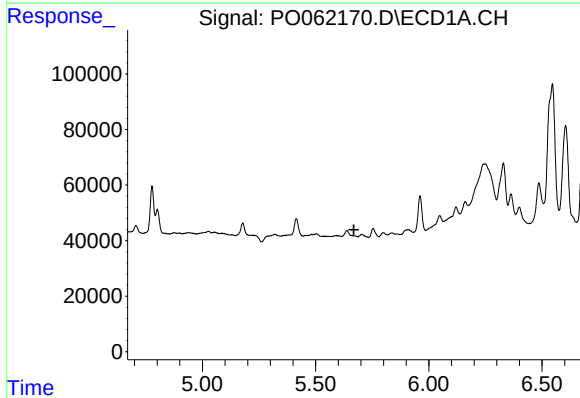
R.T.: 0.000 min  
Exp R.T.: 5.758 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



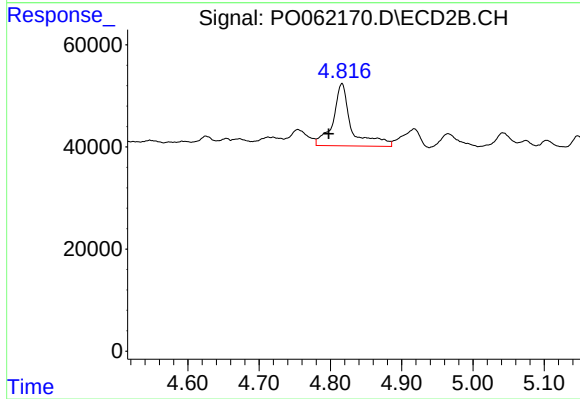
#15 AR-1232-5

R.T.: 4.965 min  
Delta R.T.: 0.003 min  
Response: 42925  
Conc: 48.60 ng/ml



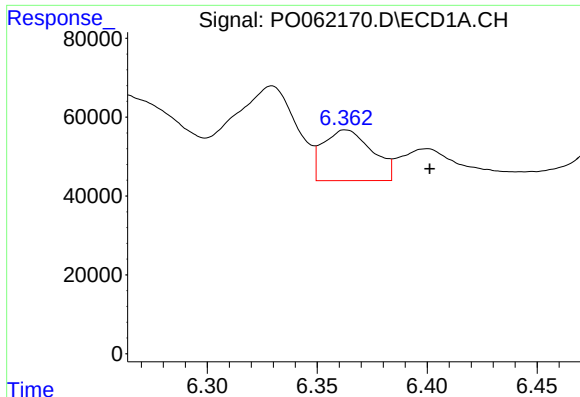
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.669 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

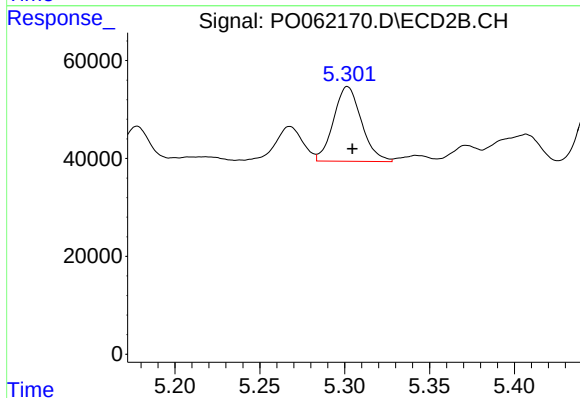
R.T.: 4.816 min  
Delta R.T.: 0.019 min  
Response: 218657  
Conc: 231.62 ng/ml



#20 AR-1242-5

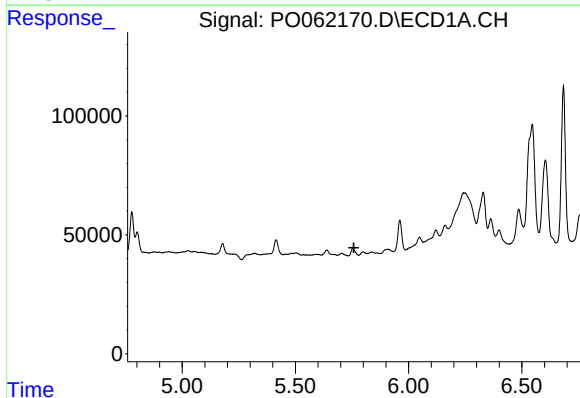
R.T.: 6.363 min  
Delta R.T.: -0.038 min  
Response: 198781  
Conc: 130.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



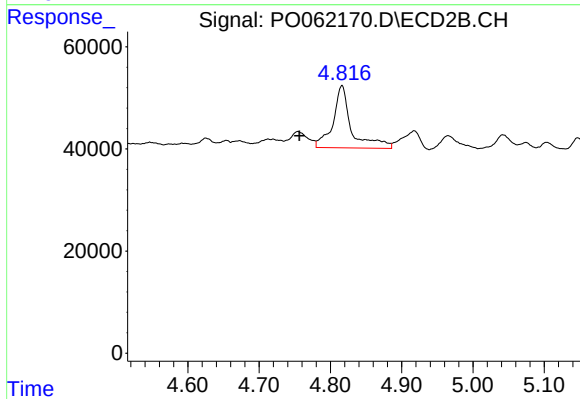
#20 AR-1242-5

R.T.: 5.302 min  
Delta R.T.: -0.003 min  
Response: 175225  
Conc: 146.84 ng/ml



#22 AR-1248-2

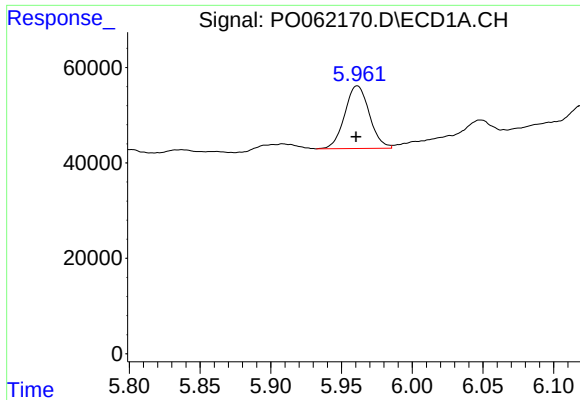
R.T.: 0.000 min  
Exp R.T. : 5.758 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

R.T.: 4.816 min  
Delta R.T.: 0.060 min  
Response: 218657  
Conc: 172.59 ng/ml

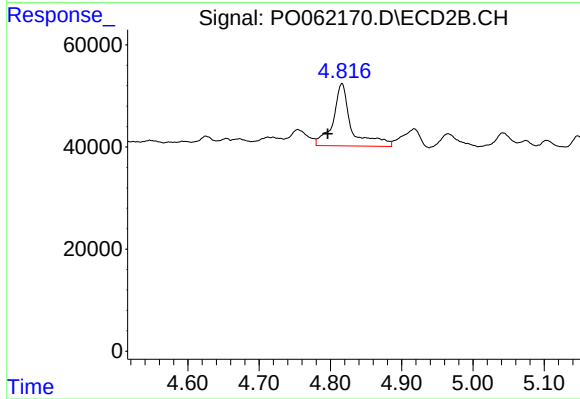




#23 AR-1248-3

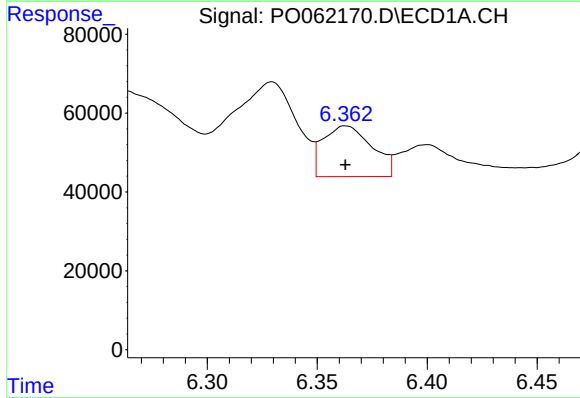
R.T.: 5.961 min  
Delta R.T.: 0.000 min  
Response: 159044  
Conc: 72.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



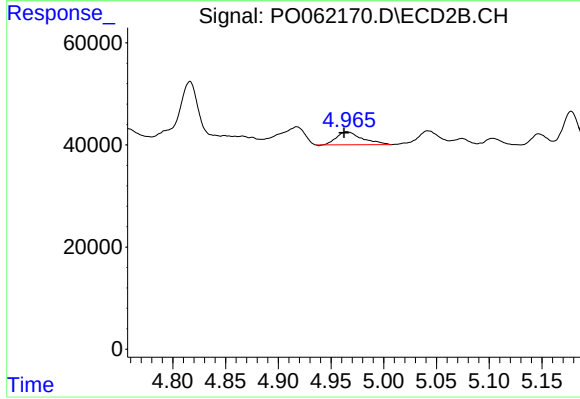
#23 AR-1248-3

R.T.: 4.816 min  
Delta R.T.: 0.020 min  
Response: 218657  
Conc: 164.72 ng/ml



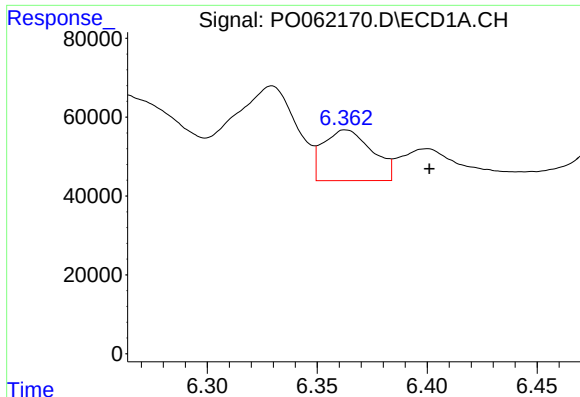
#24 AR-1248-4

R.T.: 6.363 min  
Delta R.T.: 0.000 min  
Response: 198781  
Conc: 77.81 ng/ml



#24 AR-1248-4

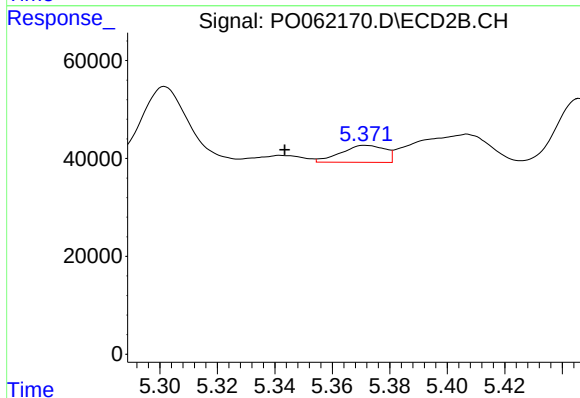
R.T.: 4.965 min  
Delta R.T.: 0.003 min  
Response: 42925  
Conc: 27.13 ng/ml



#25 AR-1248-5

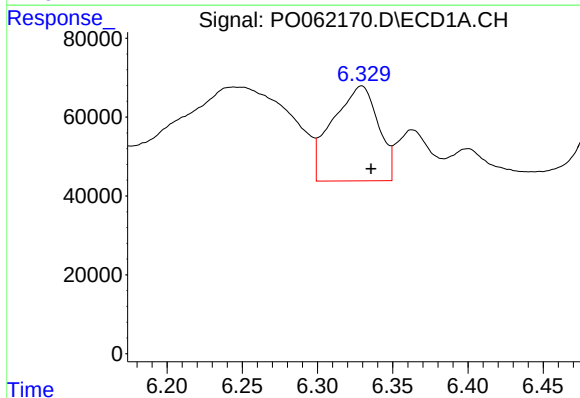
R.T.: 6.363 min  
Delta R.T.: -0.038 min  
Response: 198781  
Conc: 81.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



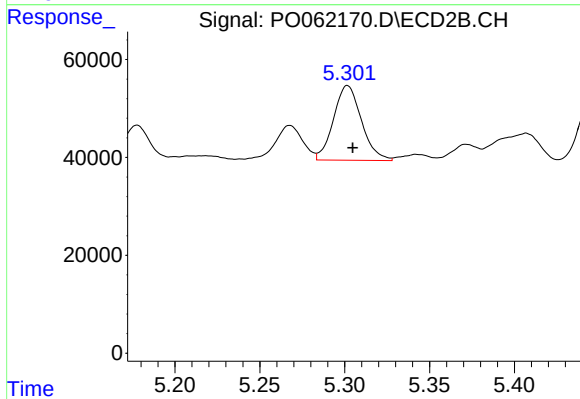
#25 AR-1248-5

R.T.: 5.372 min  
Delta R.T.: 0.028 min  
Response: 36934  
Conc: 24.00 ng/ml



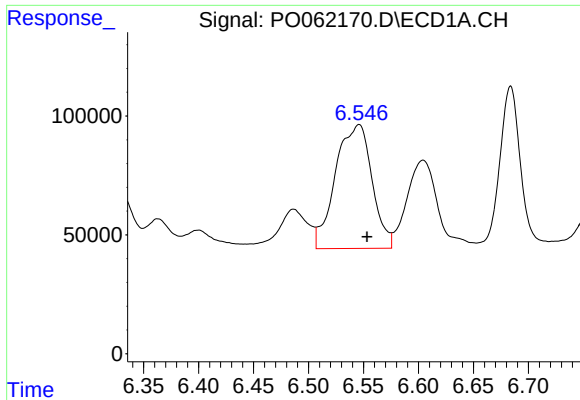
#26 AR-1254-1

R.T.: 6.329 min  
Delta R.T.: -0.006 min  
Response: 508853  
Conc: 190.89 ng/ml



#26 AR-1254-1

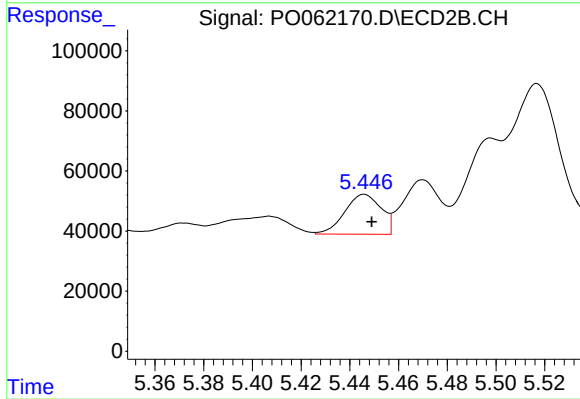
R.T.: 5.302 min  
Delta R.T.: -0.003 min  
Response: 175225  
Conc: 71.64 ng/ml



#27 AR-1254-2

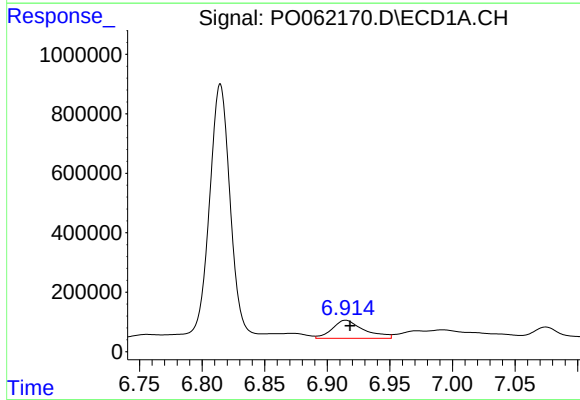
R.T.: 6.546 min  
Delta R.T.: -0.007 min  
Response: 1203800  
Conc: 294.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



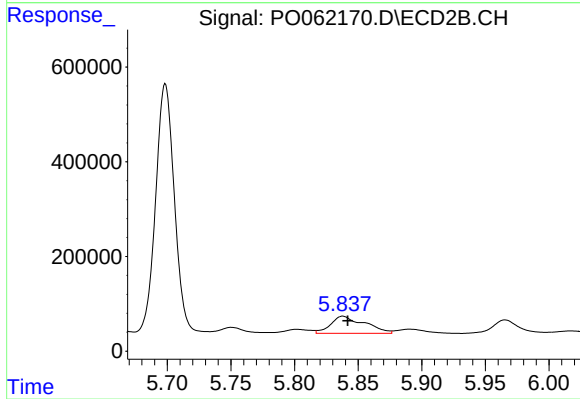
#27 AR-1254-2

R.T.: 5.446 min  
Delta R.T.: -0.003 min  
Response: 137440  
Conc: 64.90 ng/ml



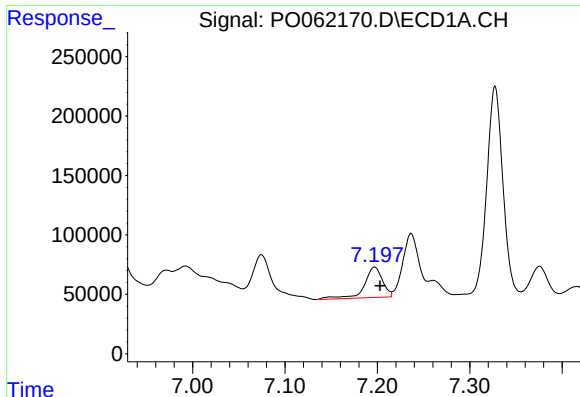
#28 AR-1254-3

R.T.: 6.915 min  
Delta R.T.: -0.004 min  
Response: 1072341  
Conc: 256.29 ng/ml



#28 AR-1254-3

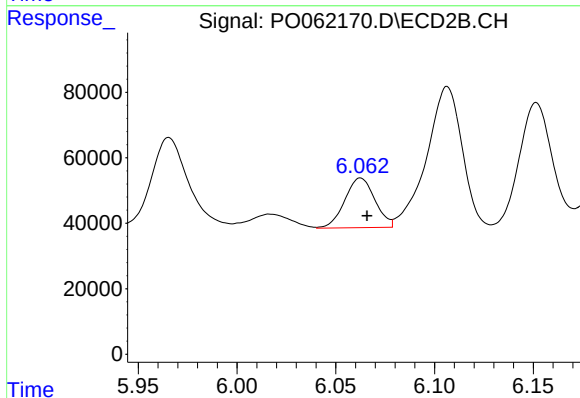
R.T.: 5.838 min  
Delta R.T.: -0.004 min  
Response: 673441  
Conc: 206.69 ng/ml



#29 AR-1254-4

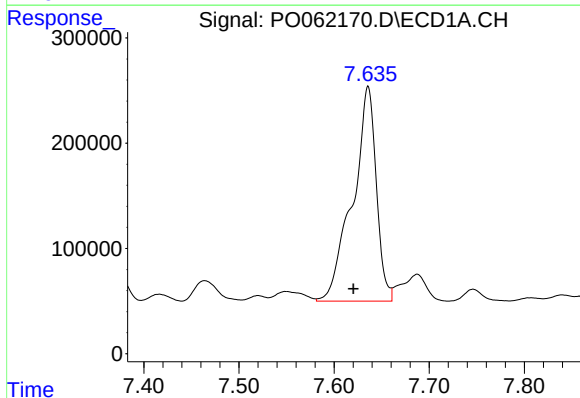
R.T.: 7.197 min  
Delta R.T.: -0.006 min  
Response: 353820  
Conc: 117.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



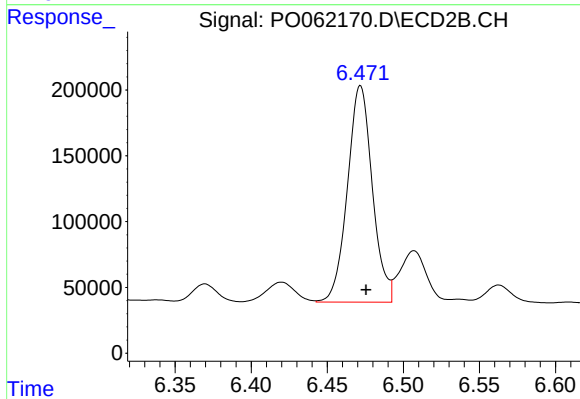
#29 AR-1254-4

R.T.: 6.063 min  
Delta R.T.: -0.003 min  
Response: 161475  
Conc: 83.60 ng/ml



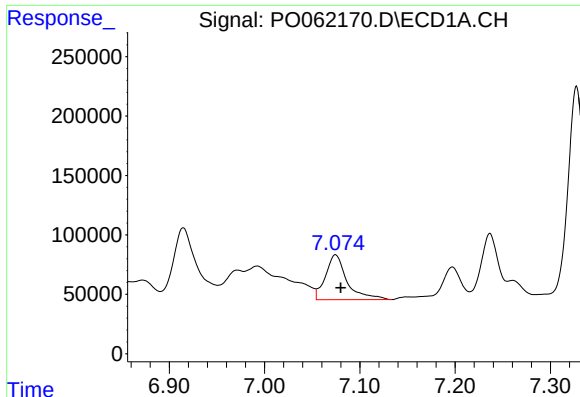
#30 AR-1254-5

R.T.: 7.636 min  
Delta R.T.: 0.016 min  
Response: 3526496  
Conc: 1125.28 ng/ml



#30 AR-1254-5

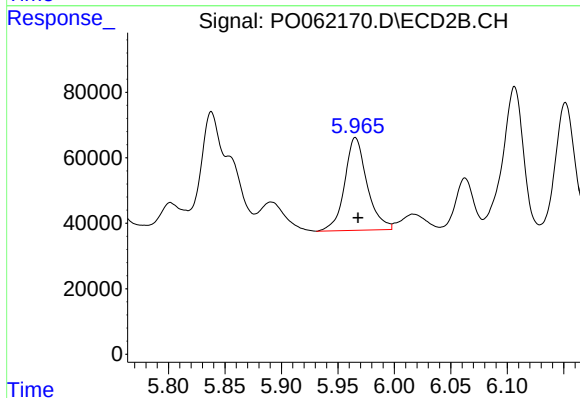
R.T.: 6.472 min  
Delta R.T.: -0.004 min  
Response: 1874012  
Conc: 709.53 ng/ml



#31 AR-1260-1

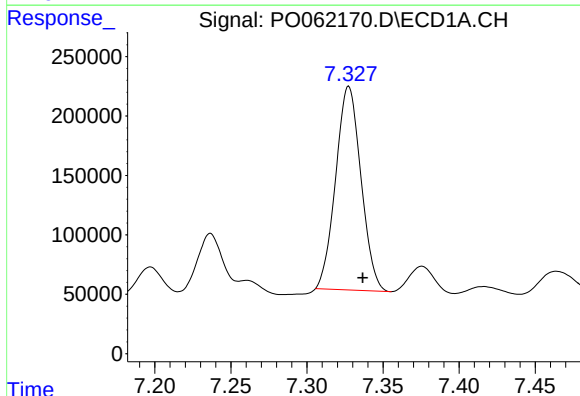
R.T.: 7.075 min  
Delta R.T.: -0.005 min  
Response: 597058  
Conc: 209.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



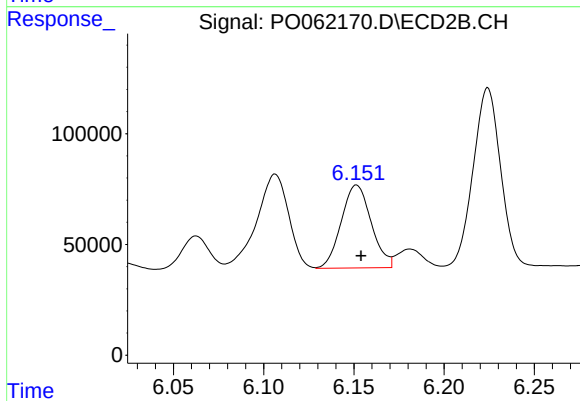
#31 AR-1260-1

R.T.: 5.966 min  
Delta R.T.: -0.003 min  
Response: 390883  
Conc: 183.97 ng/ml



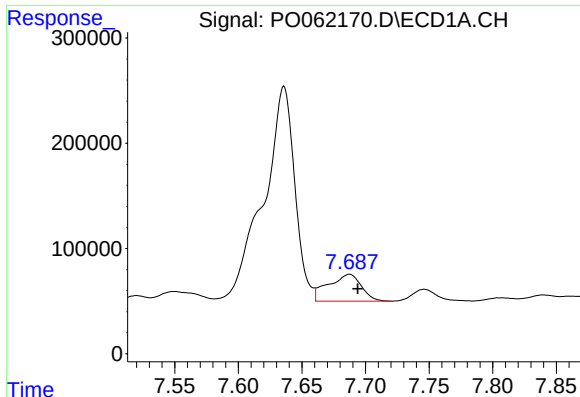
#32 AR-1260-2

R.T.: 7.327 min  
Delta R.T.: -0.009 min  
Response: 1981391  
Conc: 577.57 ng/ml



#32 AR-1260-2

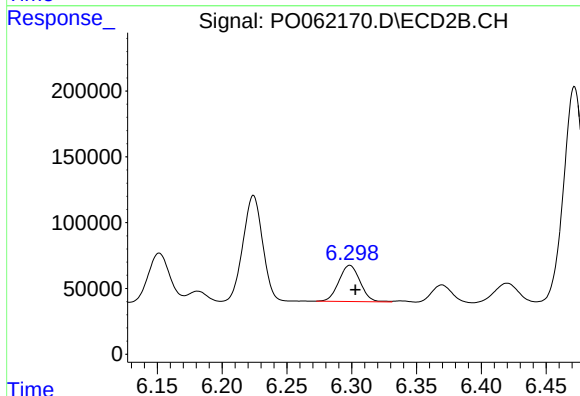
R.T.: 6.152 min  
Delta R.T.: -0.002 min  
Response: 433318  
Conc: 170.76 ng/ml



#33 AR-1260-3

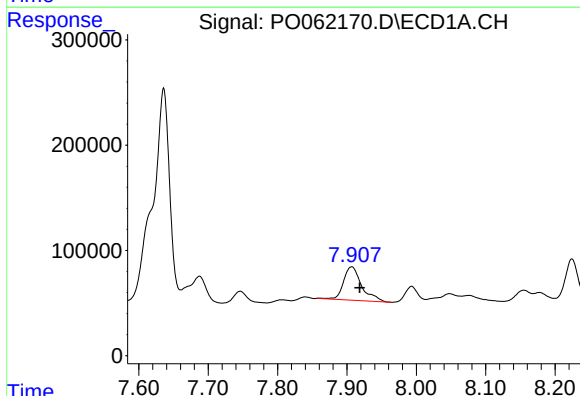
R.T.: 7.687 min  
Delta R.T.: -0.006 min  
Response: 462651  
Conc: 174.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



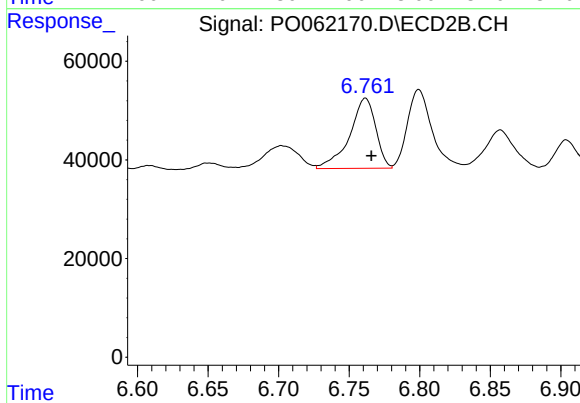
#33 AR-1260-3

R.T.: 6.299 min  
Delta R.T.: -0.004 min  
Response: 312433  
Conc: 138.36 ng/ml



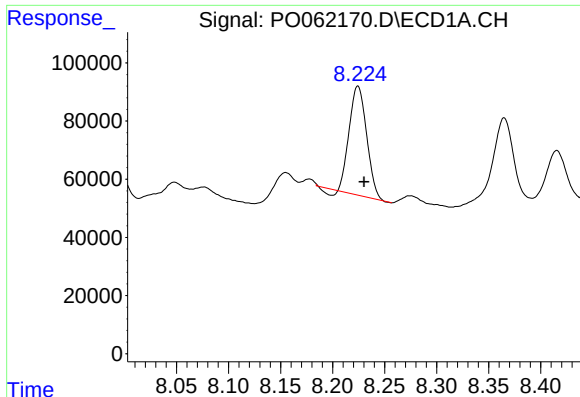
#34 AR-1260-4

R.T.: 7.907 min  
Delta R.T.: -0.011 min  
Response: 575813  
Conc: 205.86 ng/ml



#34 AR-1260-4

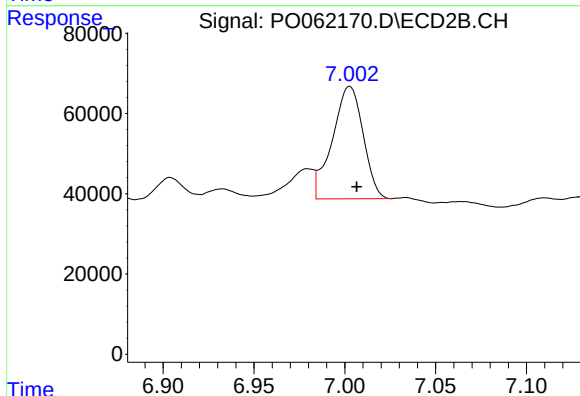
R.T.: 6.762 min  
Delta R.T.: -0.004 min  
Response: 184099  
Conc: 104.85 ng/ml



#35 AR-1260-5

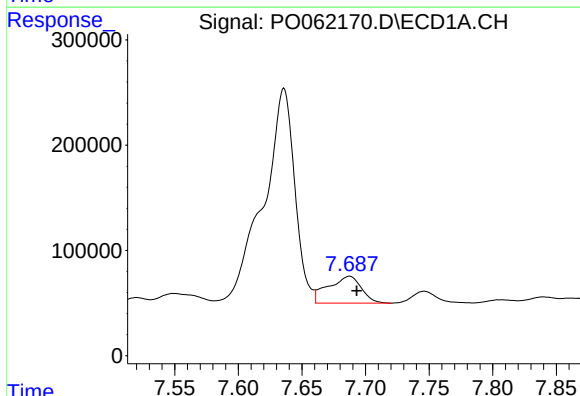
R.T.: 8.224 min  
Delta R.T.: -0.006 min  
Response: 431683  
Conc: 82.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



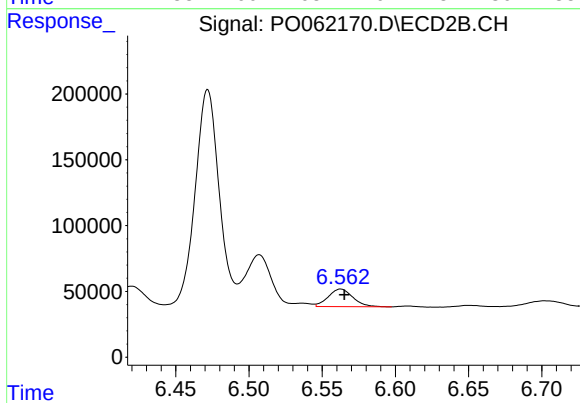
#35 AR-1260-5

R.T.: 7.003 min  
Delta R.T.: -0.004 min  
Response: 330811  
Conc: 91.83 ng/ml



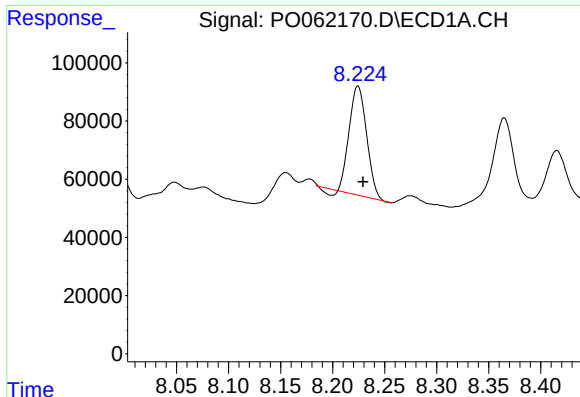
#36 AR-1262-1

R.T.: 7.687 min  
Delta R.T.: -0.006 min  
Response: 462651  
Conc: 112.71 ng/ml



#36 AR-1262-1

R.T.: 6.563 min  
Delta R.T.: -0.002 min  
Response: 157389  
Conc: 132.06 ng/ml



#37 AR-1262-2

R.T.: 8.224 min  
Delta R.T.: -0.005 min  
Response: 431683  
Conc: 66.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A

#37 AR-1262-2

R.T.: 7.003 min  
Delta R.T.: -0.005 min  
Response: 330811  
Conc: 78.73 ng/ml

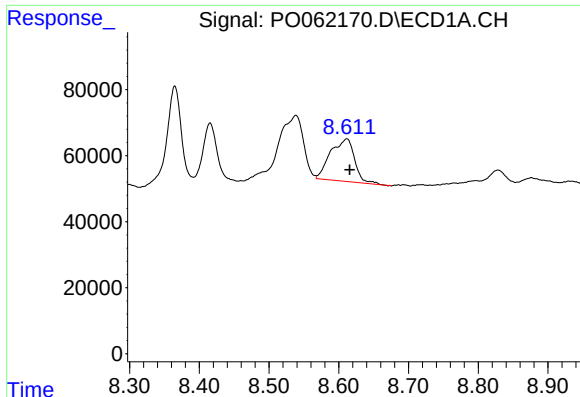
#38 AR-1262-3

R.T.: 8.539 min  
Delta R.T.: 0.010 min  
Response: 418374  
Conc: 95.14 ng/ml

#38 AR-1262-3

R.T.: 7.281 min  
Delta R.T.: -0.005 min  
Response: 84923  
Conc: 48.28 ng/ml

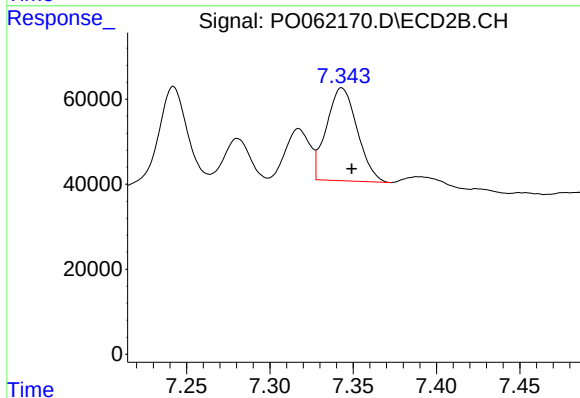




#39 AR-1262-4

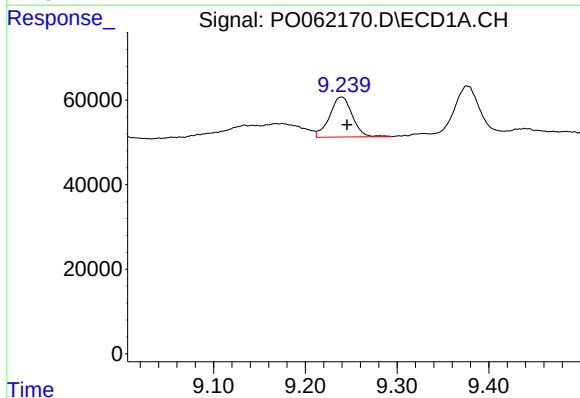
R.T.: 8.612 min  
Delta R.T.: -0.004 min  
Response: 308779  
Conc: 89.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



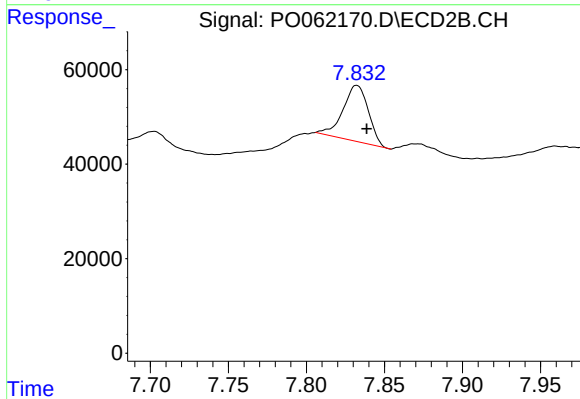
#39 AR-1262-4

R.T.: 7.343 min  
Delta R.T.: -0.006 min  
Response: 280707  
Conc: 91.82 ng/ml



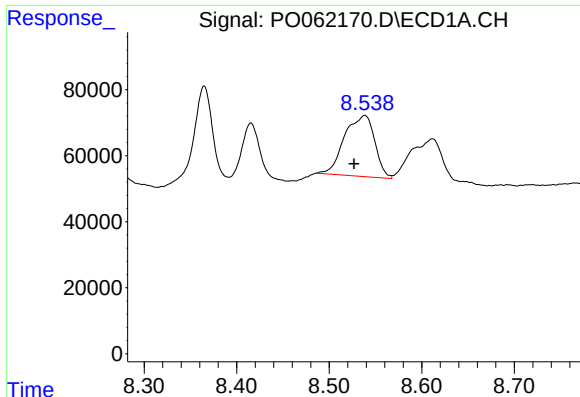
#40 AR-1262-5

R.T.: 9.239 min  
Delta R.T.: -0.006 min  
Response: 162156  
Conc: 71.79 ng/ml



#40 AR-1262-5

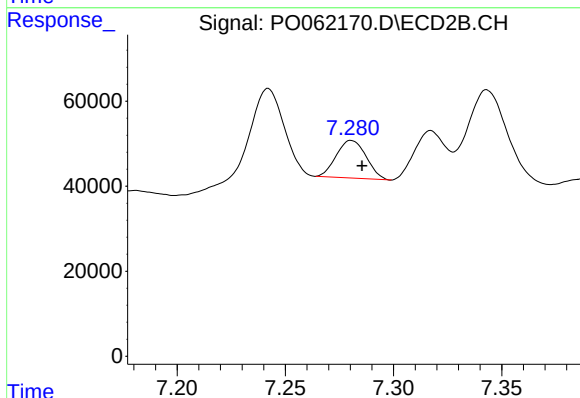
R.T.: 7.832 min  
Delta R.T.: -0.006 min  
Response: 134452  
Conc: 102.95 ng/ml



#41 AR-1268-1

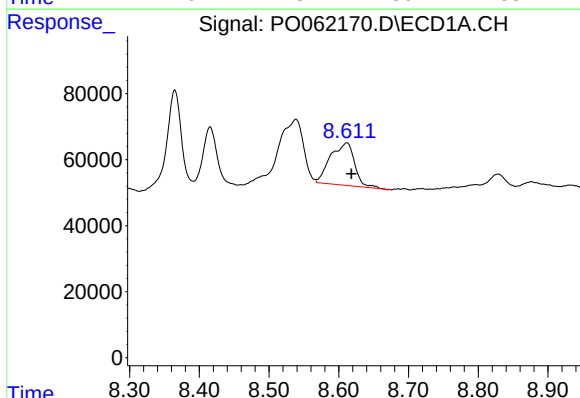
R.T.: 8.539 min  
Delta R.T.: 0.012 min  
Response: 418374  
Conc: 55.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



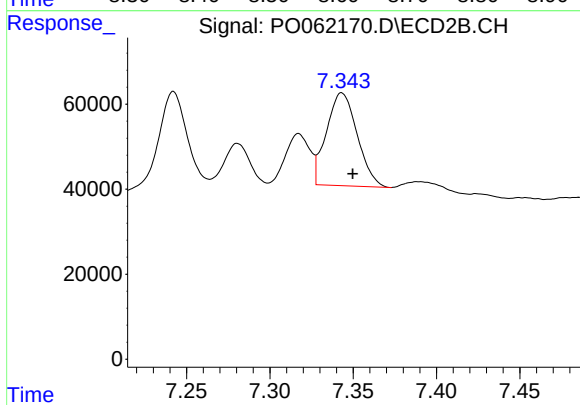
#41 AR-1268-1

R.T.: 7.281 min  
Delta R.T.: -0.005 min  
Response: 84923  
Conc: 18.13 ng/ml



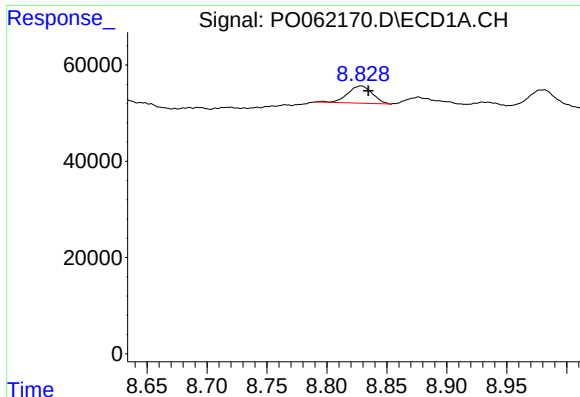
#42 AR-1268-2

R.T.: 8.612 min  
Delta R.T.: -0.007 min  
Response: 308779  
Conc: 43.96 ng/ml



#42 AR-1268-2

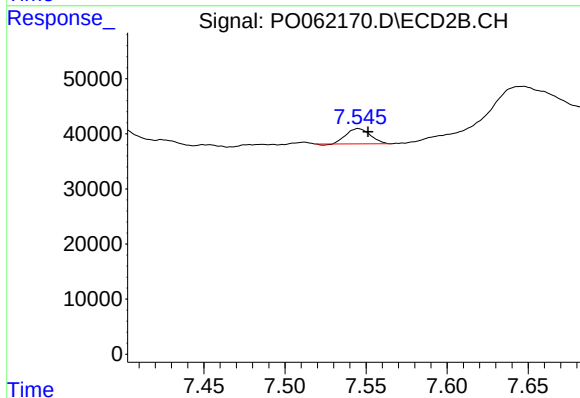
R.T.: 7.343 min  
Delta R.T.: -0.007 min  
Response: 280707  
Conc: 67.19 ng/ml



#43 AR-1268-3

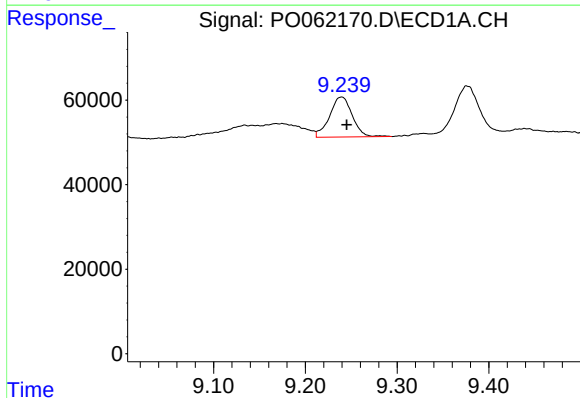
R.T.: 8.829 min  
Delta R.T.: -0.006 min  
Response: 50826  
Conc: 8.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



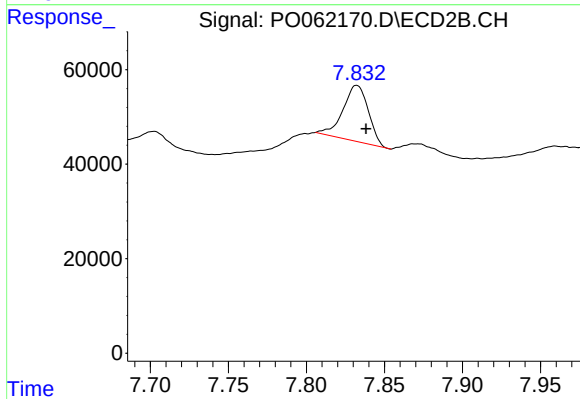
#43 AR-1268-3

R.T.: 7.545 min  
Delta R.T.: -0.006 min  
Response: 28111  
Conc: 8.07 ng/ml



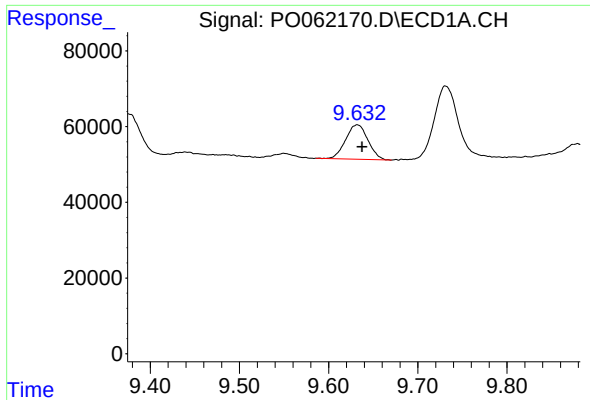
#44 AR-1268-4

R.T.: 9.239 min  
Delta R.T.: -0.006 min  
Response: 162156  
Conc: 68.25 ng/ml



#44 AR-1268-4

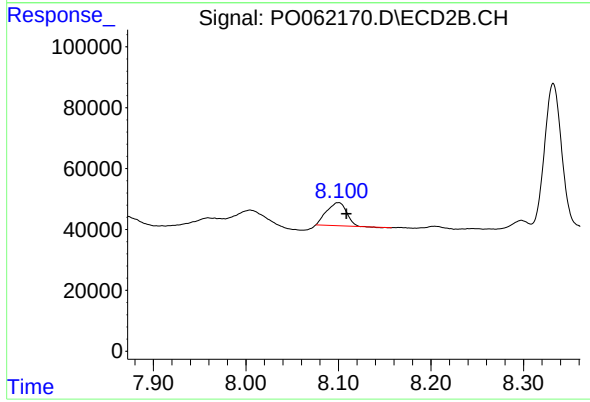
R.T.: 7.832 min  
Delta R.T.: -0.006 min  
Response: 134452  
Conc: 94.36 ng/ml



#45 AR-1268-5

R.T.: 9.632 min  
Delta R.T.: -0.005 min  
Response: 158026  
Conc: 8.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
445X-3A



#45 AR-1268-5

R.T.: 8.100 min  
Delta R.T.: -0.009 min  
Response: 112699  
Conc: 12.17 ng/ml