

Data Path : P:\HPCHEM1\ECD\_0\Data\P0040418\  
 Data File : P0043555.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 04 Apr 2018 7:17  
 Operator : SM/UA  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 04 15:57:39 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0040418.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 04 15:17:57 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...          | 4.067 | 3.321 | 15590710 | 23198141 | 87.698  | 86.340   |
| 2) SA Decachlor...          | 9.421 | 8.092 | 9484014  | 12510117 | 52.628  | 53.361   |
| Target Compounds            |       |       |          |          |         |          |
| 7) L1 AR-1016-5             | 6.043 | 5.112 | -55401   | 173802   | N.D.    | 23.339 # |
| 9) L2 AR-1221-2             | 4.359 | 3.605 | 211462   | 284085   | 88.982  | 81.070   |
| 10) L2 AR-1221-3            | 4.359 | 0.000 | 211462   | 0        | 27.257  | N.D. #   |
| 11) L3 AR-1232-1            | 4.359 | 0.000 | 211462   | 0        | 53.088  | N.D. #   |
| 12) L3 AR-1232-2            | 5.134 | 0.000 | 383700   | 0        | 131.619 | N.D. #   |
| 23) L5 AR-1248-3            | 6.043 | 5.112 | -55401   | 173802   | N.D.    | 9.902 #  |
| 24) L5 AR-1248-4            | 6.043 | 5.112 | -55401   | 173802   | N.D.    | 12.393 # |
| 25) L5 AR-1248-5            | 6.231 | 5.643 | 209075   | 754706   | 37.130  | 77.432 # |
| 26) L6 AR-1254-1            | 6.231 | 5.112 | 209075   | 173802   | 13.942  | 7.986 #  |
| 28) L6 AR-1254-3            | 6.588 | 5.643 | 237691   | 754706   | 14.403  | 23.839 # |
| 29) L6 AR-1254-4            | 6.865 | 5.867 | 59794    | 271718   | 4.390   | 11.011 # |
| 30) L6 AR-1254-5            | 7.073 | 6.166 | 137826   | 453418   | 14.130  | 31.288 # |
| 31) L7 AR-1260-1            | 6.745 | 5.768 | 234563   | 329299   | 23.283  | 19.702   |
| 32) L7 AR-1260-2            | 6.994 | 5.956 | 245092   | 535741   | 19.103  | 25.318 # |
| 33) L7 AR-1260-3            | 0.000 | 6.269 | 0        | 538005   | N.D.    | 24.432 # |
| 34) L7 AR-1260-4            | 0.000 | 6.798 | 0        | 288094   | N.D.    | 7.799 #  |
| 35) L7 AR-1260-5            | 0.000 | 7.133 | 0        | 231453   | N.D.    | 9.000 #  |
| 36) L8 AR-1262-1            | 6.745 | 5.956 | 234563   | 535741   | 24.404  | 24.625   |
| 37) L8 AR-1262-2            | 6.994 | 6.097 | 245092   | 303687   | 20.012  | 15.046   |
| 38) L8 AR-1262-3            | 7.274 | 6.269 | 188279   | 538005   | 16.713  | 15.445   |
| 40) L8 AR-1262-5            | 0.000 | 6.798 | 0        | 288094   | N.D.    | 4.941 #  |
| 41) L9 AR-1268-1            | 0.000 | 7.133 | 0        | 231453   | N.D.    | 3.974 #  |
| 42) L9 AR-1268-2            | 0.000 | 7.133 | 0        | 231453   | N.D.    | 4.435 #  |
| 45) L9 AR-1268-5            | 0.000 | 7.885 | 0        | 38902    | N.D.    | 0.352 #  |
| -----                       |       |       |          |          |         |          |

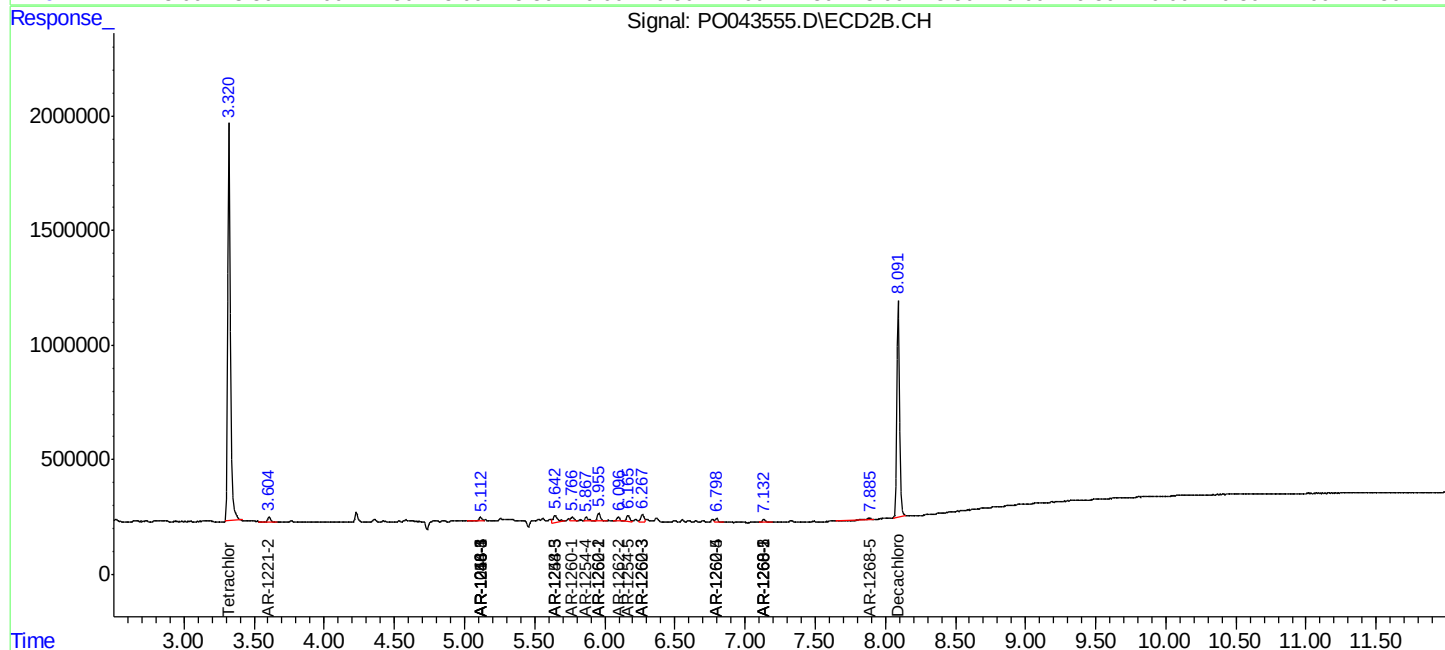
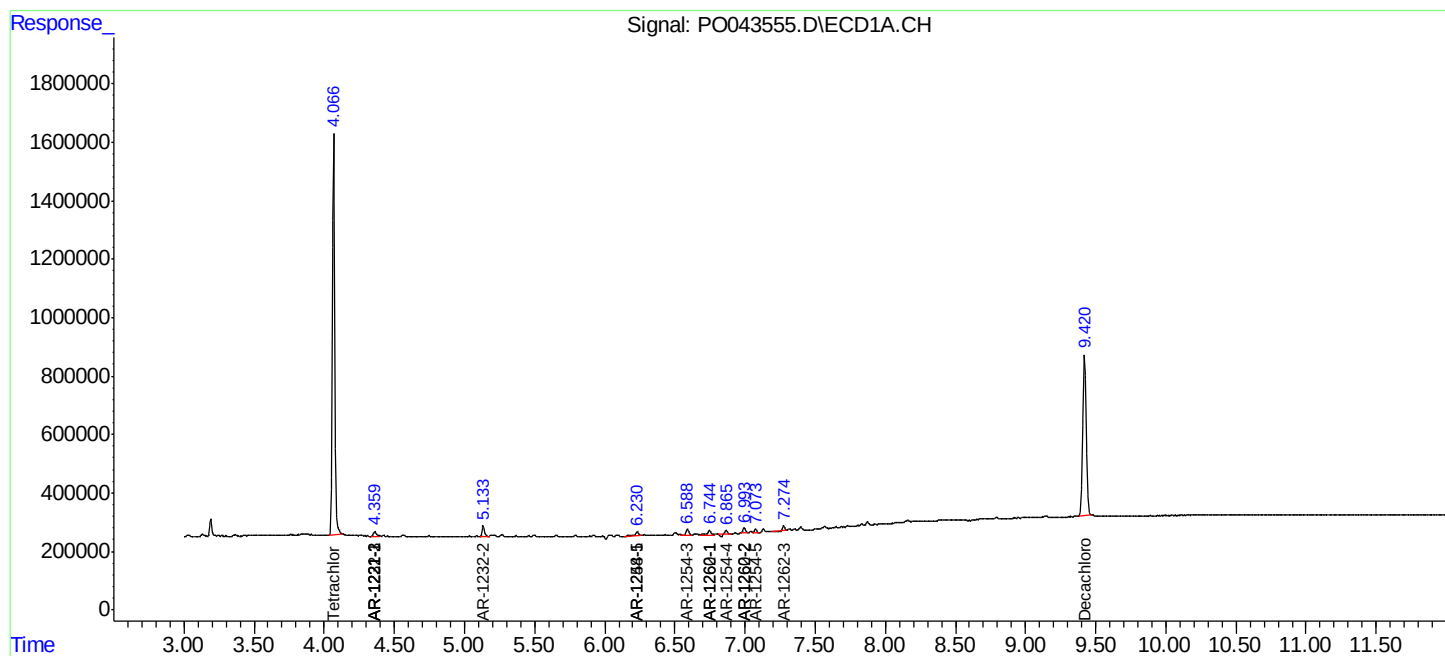
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

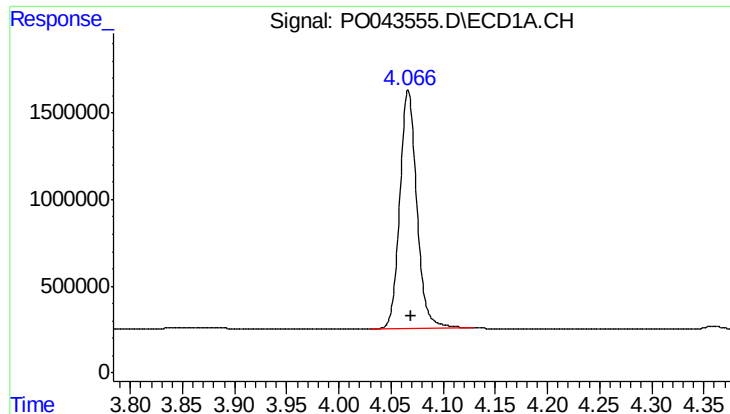
Data Path : P:\HPCHEM1\ECD\_0\Data\PO040418\  
Data File : PO043555.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 04 Apr 2018 7:17  
Operator : SM/UA  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 04 15:57:39 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO040418.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 04 15:17:57 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

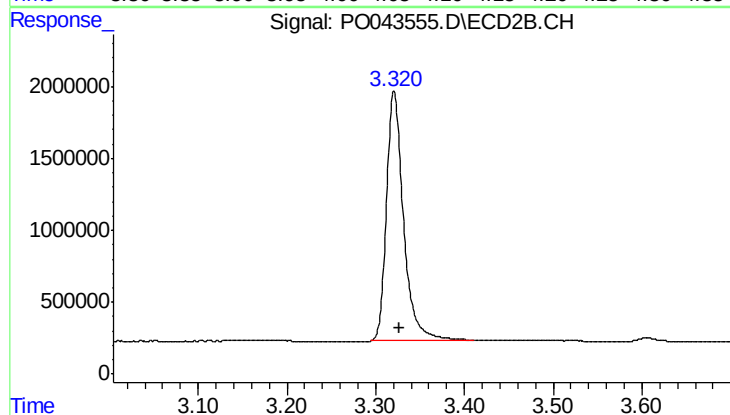




#1 Tetrachloro-m-xylene

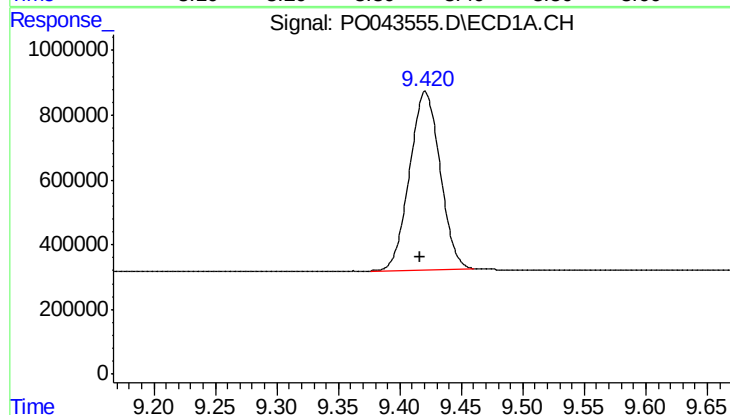
R.T.: 4.067 min  
Delta R.T.: -0.003 min  
Response: 15590710  
Conc: 87.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



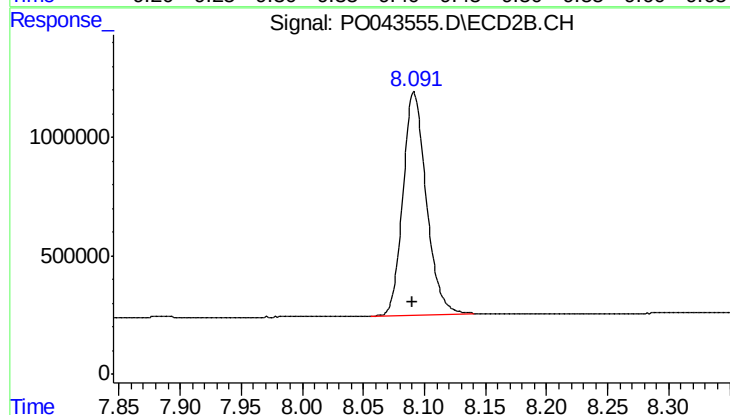
#1 Tetrachloro-m-xylene

R.T.: 3.321 min  
Delta R.T.: -0.005 min  
Response: 23198141  
Conc: 86.34 ng/ml



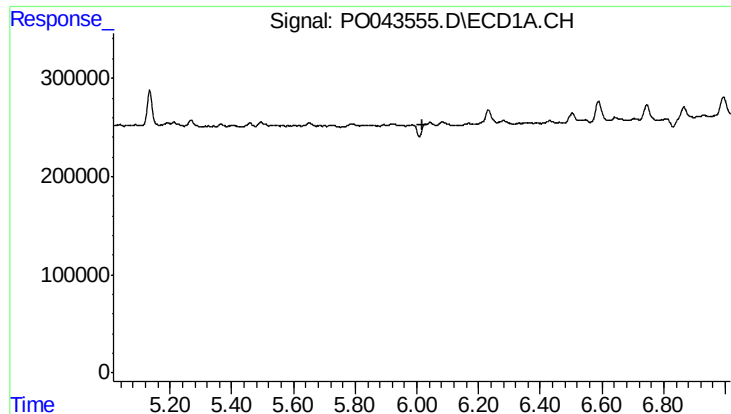
#2 Decachlorobiphenyl

R.T.: 9.421 min  
Delta R.T.: 0.004 min  
Response: 9484014  
Conc: 52.63 ng/ml



#2 Decachlorobiphenyl

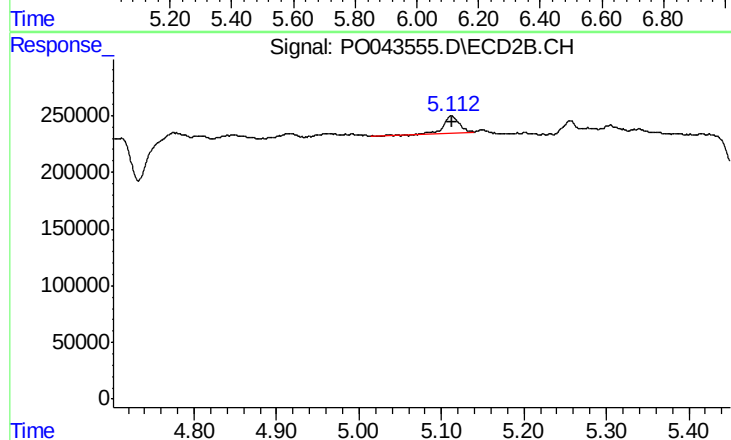
R.T.: 8.092 min  
Delta R.T.: 0.001 min  
Response: 12510117  
Conc: 53.36 ng/ml



#7 AR-1016-5

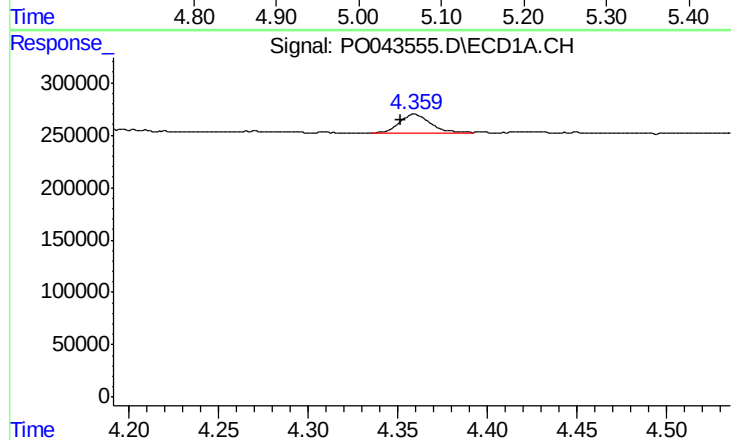
R.T.: 6.043 min  
Delta R.T.: 0.026 min  
Response: -55401  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



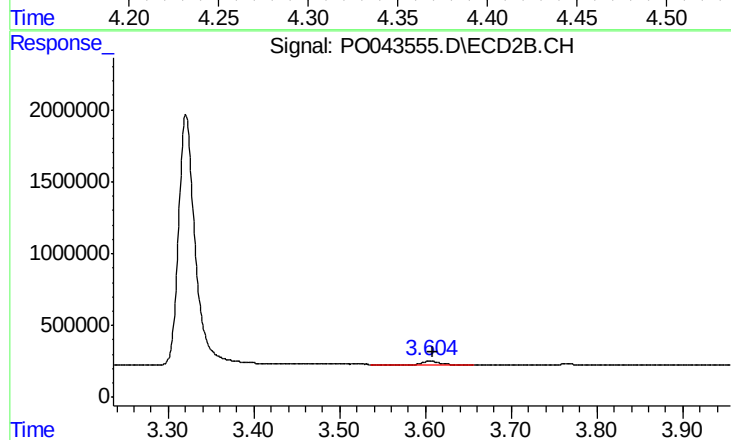
#7 AR-1016-5

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 173802  
Conc: 23.34 ng/ml



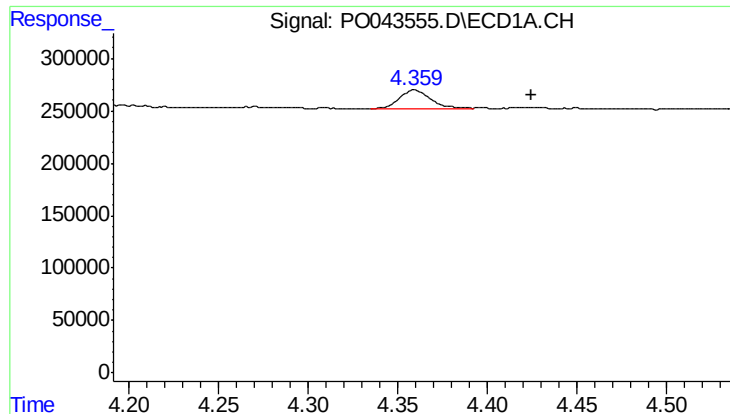
#9 AR-1221-2

R.T.: 4.359 min  
Delta R.T.: 0.008 min  
Response: 211462  
Conc: 88.98 ng/ml



#9 AR-1221-2

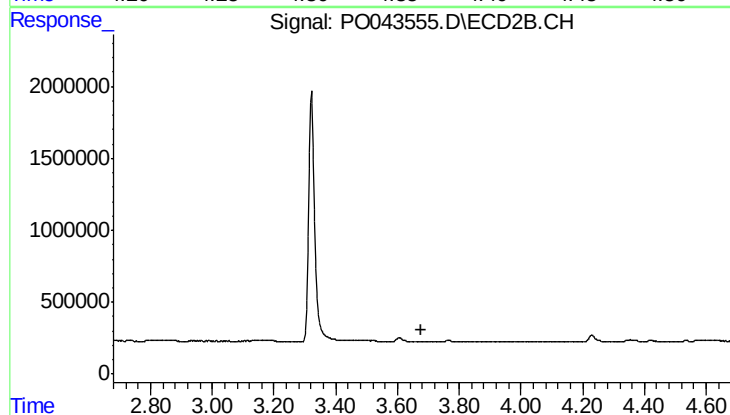
R.T.: 3.605 min  
Delta R.T.: -0.003 min  
Response: 284085  
Conc: 81.07 ng/ml



#10 AR-1221-3

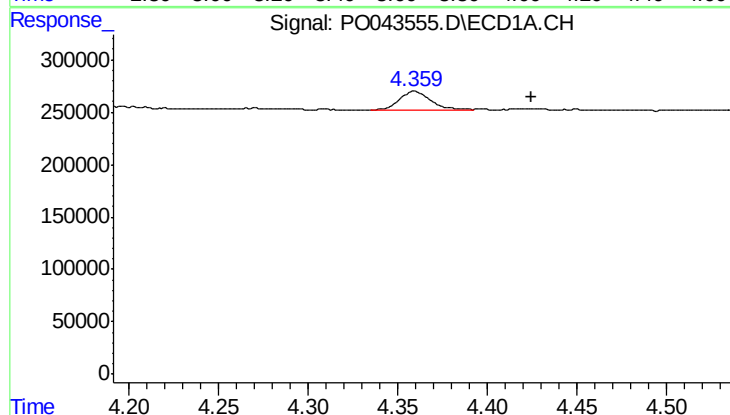
R.T.: 4.359 min  
Delta R.T.: -0.065 min  
Response: 211462  
Conc: 27.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



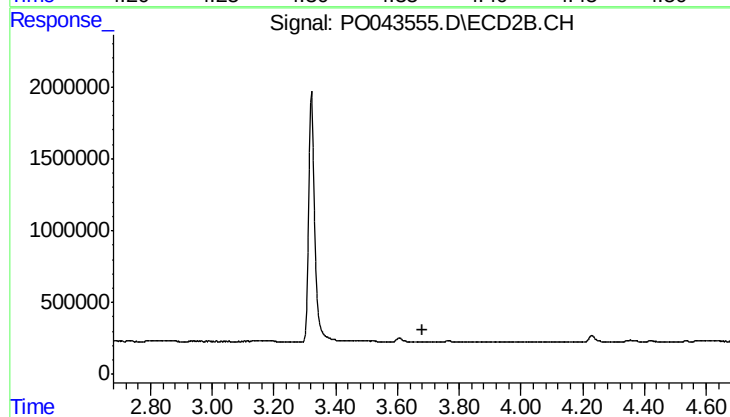
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 3.679 min  
Response: 0  
Conc: N.D.



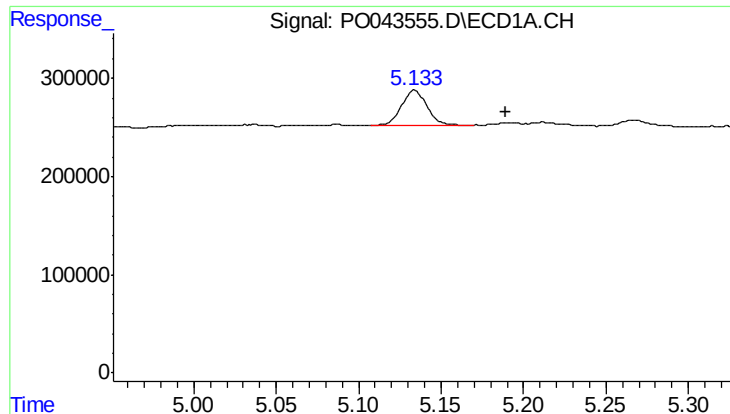
#11 AR-1232-1

R.T.: 4.359 min  
Delta R.T.: -0.065 min  
Response: 211462  
Conc: 53.09 ng/ml



#11 AR-1232-1

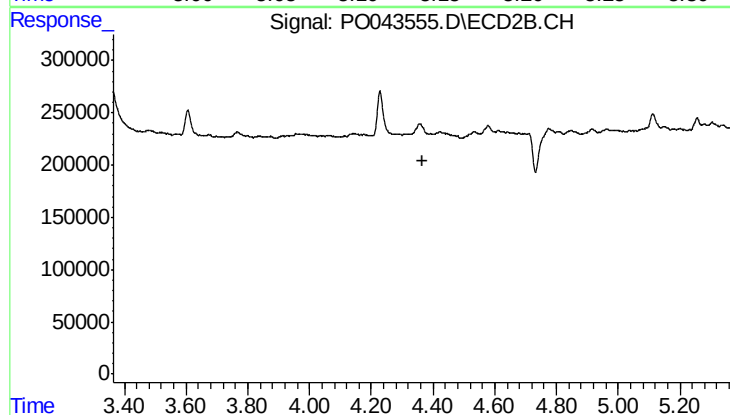
R.T.: 0.000 min  
Exp R.T.: 3.679 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

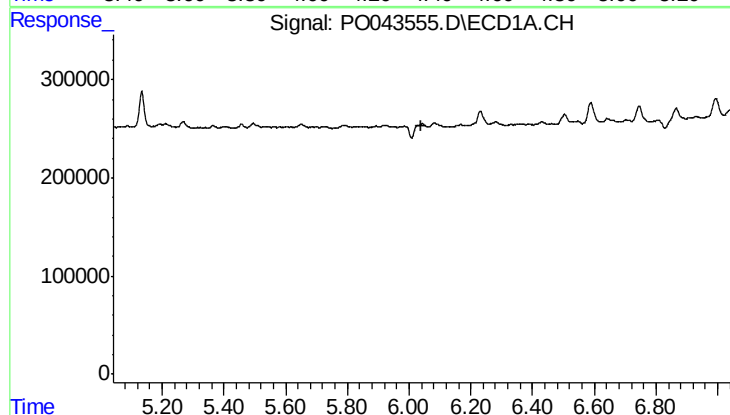
R.T.: 5.134 min  
Delta R.T.: -0.056 min  
Response: 383700  
Conc: 131.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



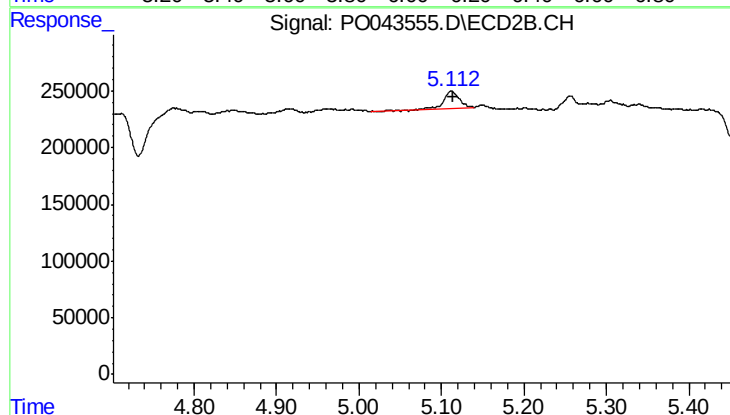
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 4.365 min  
Response: 0  
Conc: N.D.



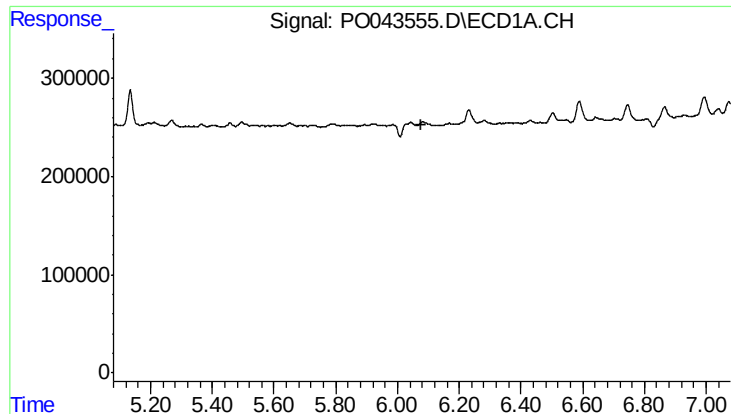
#23 AR-1248-3

R.T.: 6.043 min  
Delta R.T.: 0.001 min  
Response: -55401  
Conc: N.D.



#23 AR-1248-3

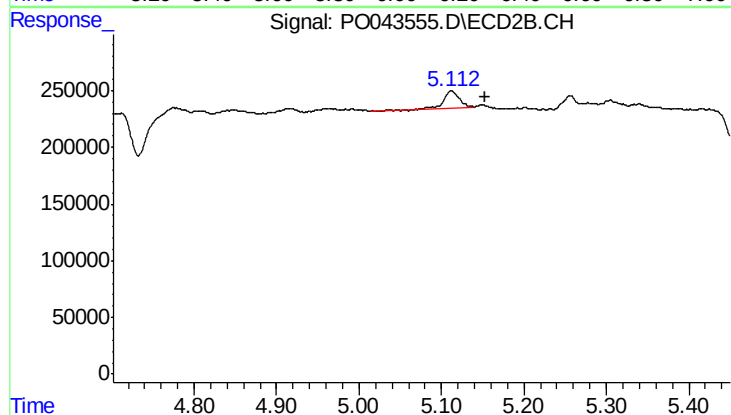
R.T.: 5.112 min  
Delta R.T.: -0.002 min  
Response: 173802  
Conc: 9.90 ng/ml



#24 AR-1248-4

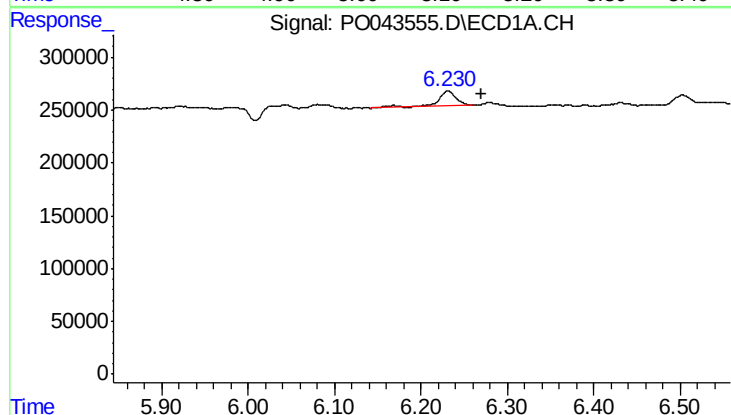
R.T.: 6.043 min  
Delta R.T.: -0.036 min  
Response: -55401  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



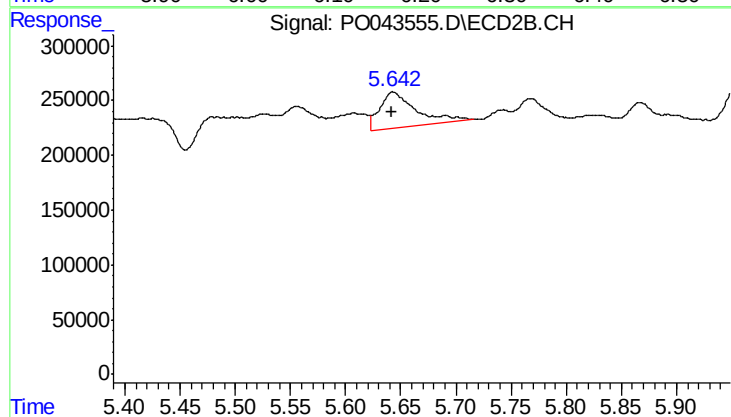
#24 AR-1248-4

R.T.: 5.112 min  
Delta R.T.: -0.040 min  
Response: 173802  
Conc: 12.39 ng/ml



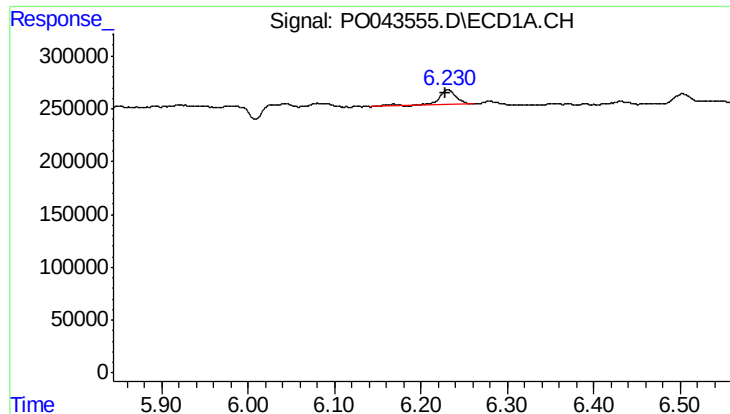
#25 AR-1248-5

R.T.: 6.231 min  
Delta R.T.: -0.039 min  
Response: 209075  
Conc: 37.13 ng/ml



#25 AR-1248-5

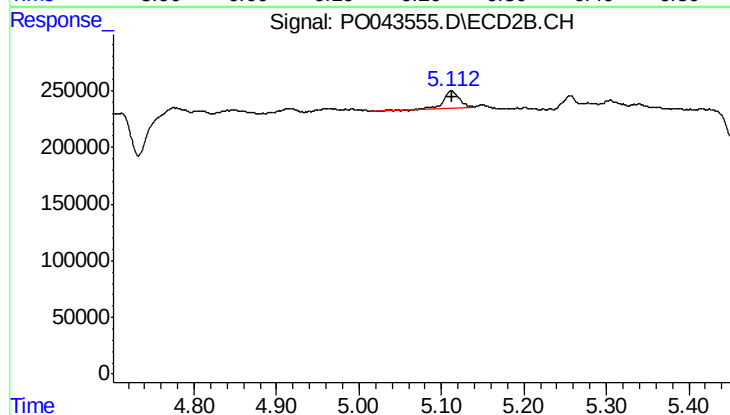
R.T.: 5.643 min  
Delta R.T.: 0.000 min  
Response: 754706  
Conc: 77.43 ng/ml



#26 AR-1254-1

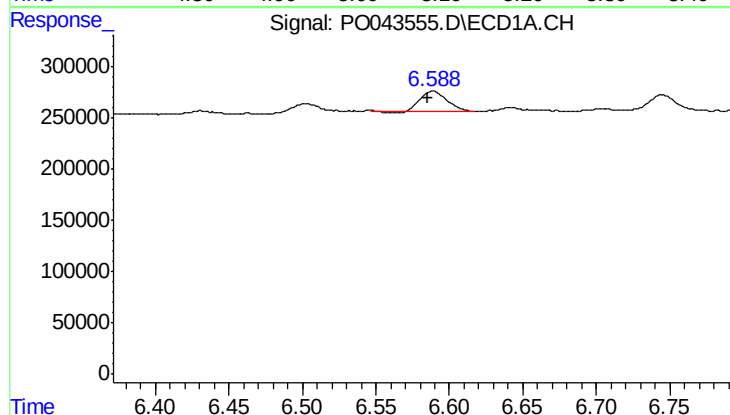
R.T.: 6.231 min  
Delta R.T.: 0.002 min  
Response: 209075  
Conc: 13.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



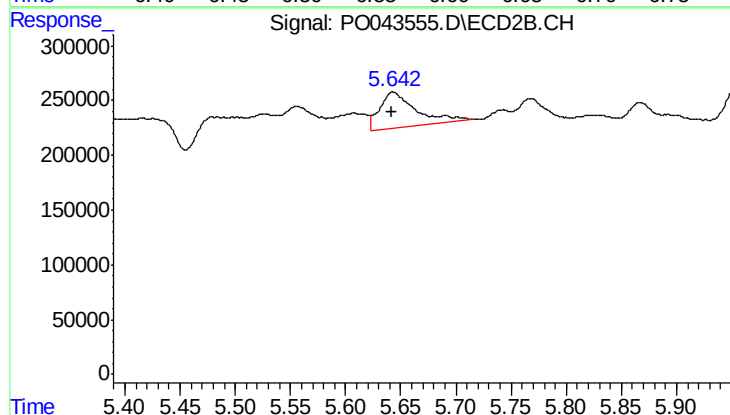
#26 AR-1254-1

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 173802  
Conc: 7.99 ng/ml



#28 AR-1254-3

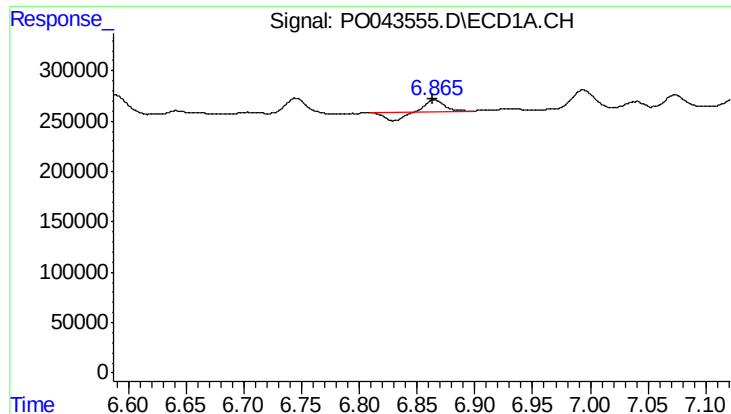
R.T.: 6.588 min  
Delta R.T.: 0.003 min  
Response: 237691  
Conc: 14.40 ng/ml



#28 AR-1254-3

R.T.: 5.643 min  
Delta R.T.: 0.000 min  
Response: 754706  
Conc: 23.84 ng/ml

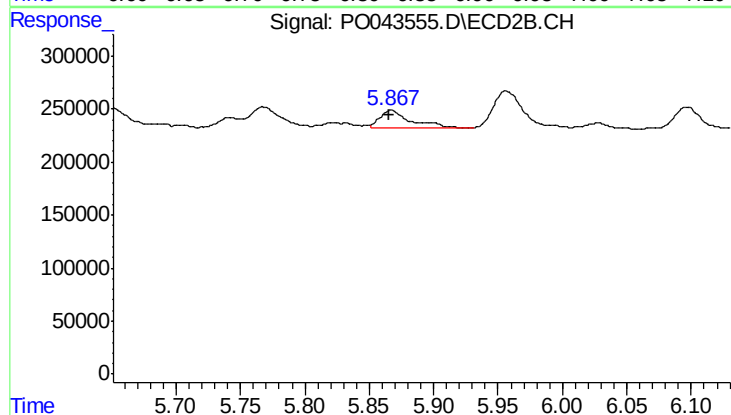




#29 AR-1254-4

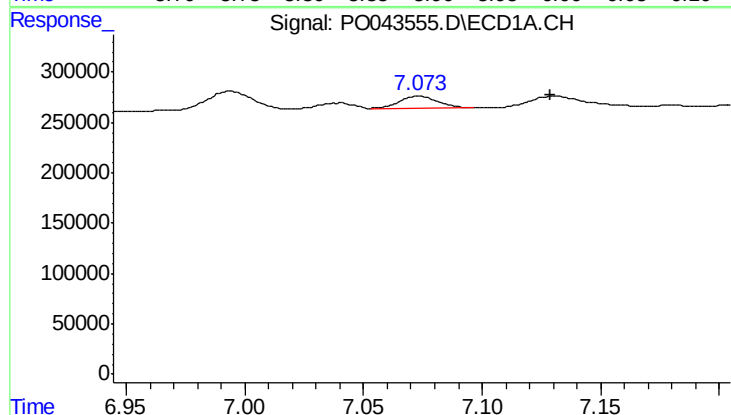
R.T.: 6.865 min  
Delta R.T.: 0.001 min  
Response: 59794  
Conc: 4.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



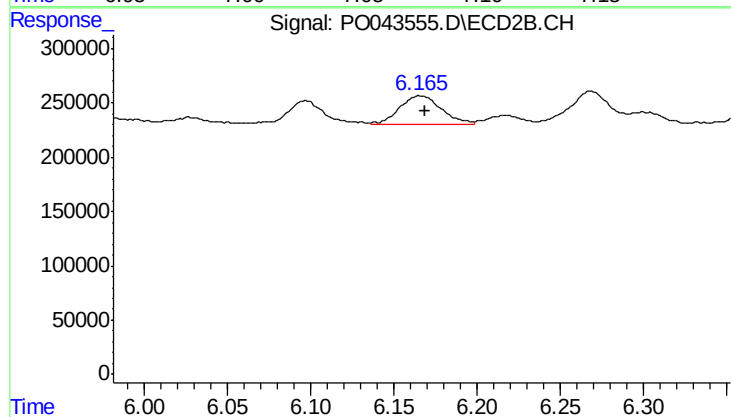
#29 AR-1254-4

R.T.: 5.867 min  
Delta R.T.: 0.002 min  
Response: 271718  
Conc: 11.01 ng/ml



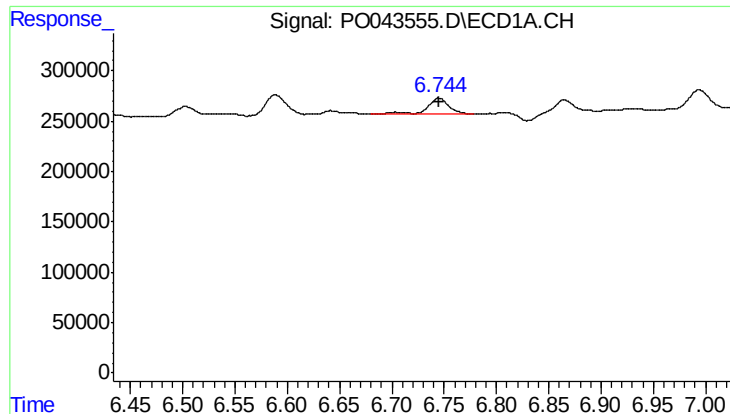
#30 AR-1254-5

R.T.: 7.073 min  
Delta R.T.: -0.056 min  
Response: 137826  
Conc: 14.13 ng/ml



#30 AR-1254-5

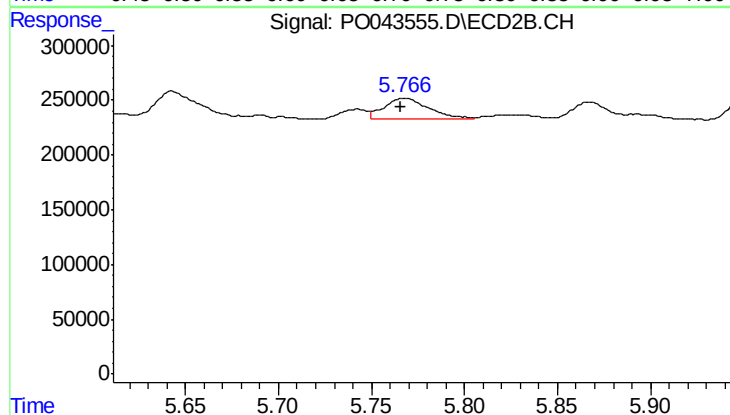
R.T.: 6.166 min  
Delta R.T.: -0.003 min  
Response: 453418  
Conc: 31.29 ng/ml



#31 AR-1260-1

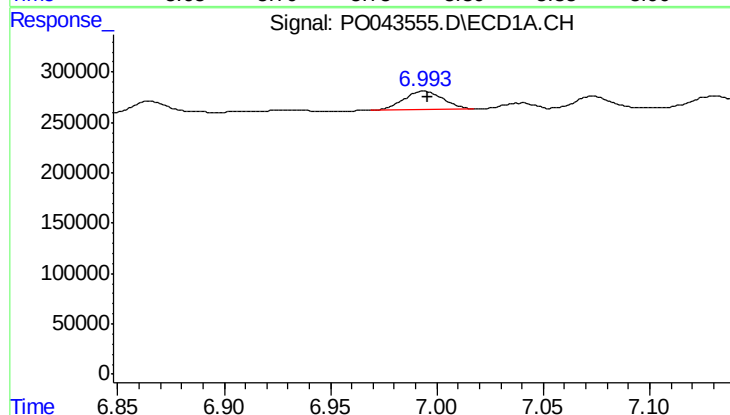
R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 234563  
Conc: 23.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



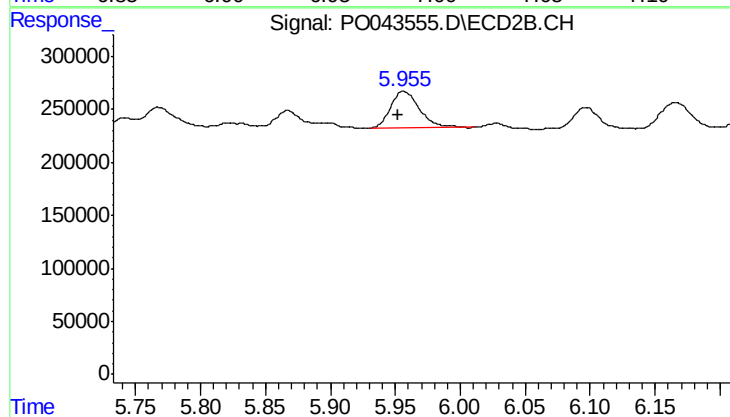
#31 AR-1260-1

R.T.: 5.768 min  
Delta R.T.: 0.002 min  
Response: 329299  
Conc: 19.70 ng/ml



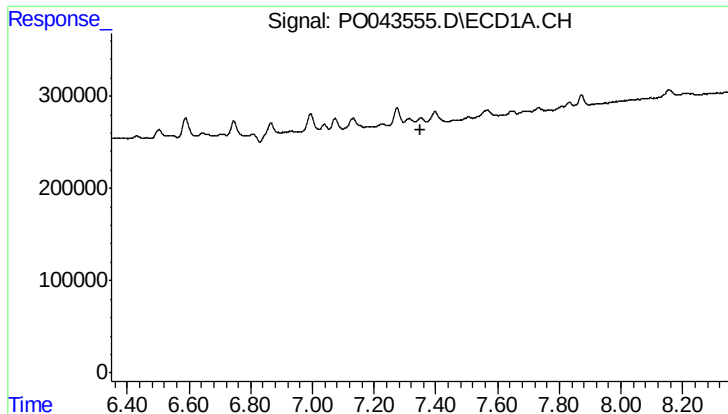
#32 AR-1260-2

R.T.: 6.994 min  
Delta R.T.: -0.002 min  
Response: 245092  
Conc: 19.10 ng/ml



#32 AR-1260-2

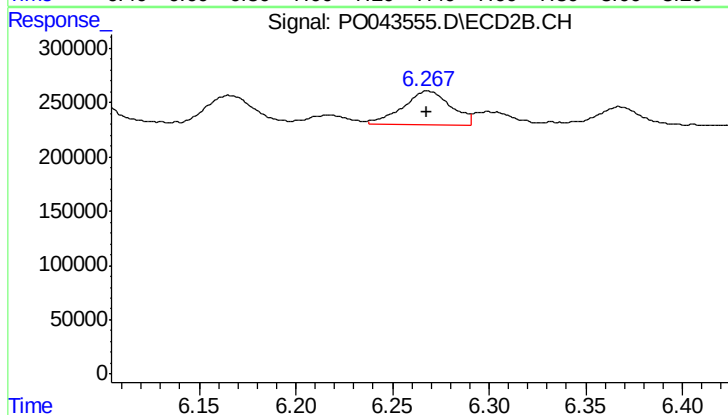
R.T.: 5.956 min  
Delta R.T.: 0.004 min  
Response: 535741  
Conc: 25.32 ng/ml



#33 AR-1260-3

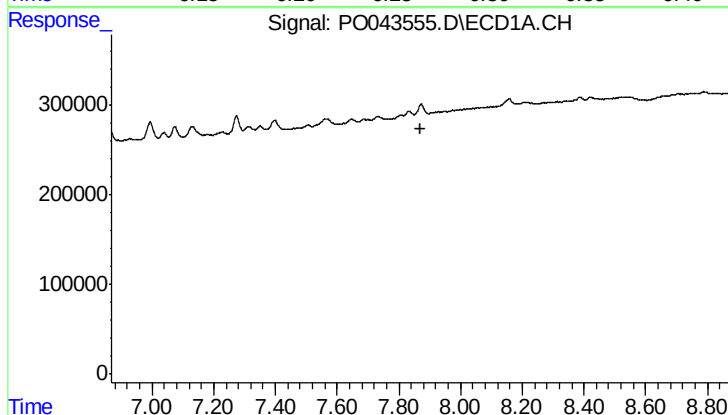
R.T.: 0.000 min  
Exp R.T.: 7.349 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



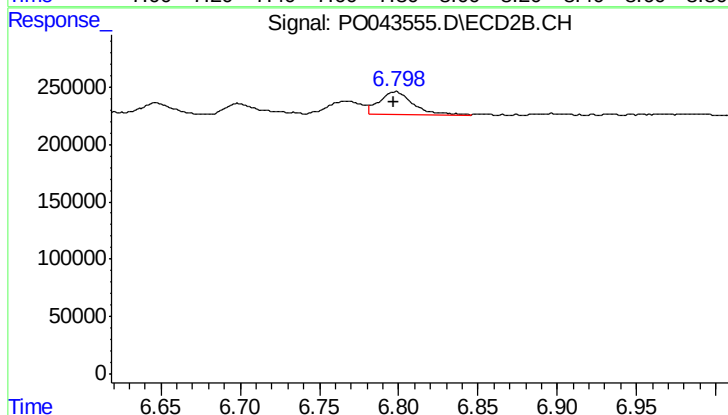
#33 AR-1260-3

R.T.: 6.269 min  
Delta R.T.: 0.000 min  
Response: 538005  
Conc: 24.43 ng/ml



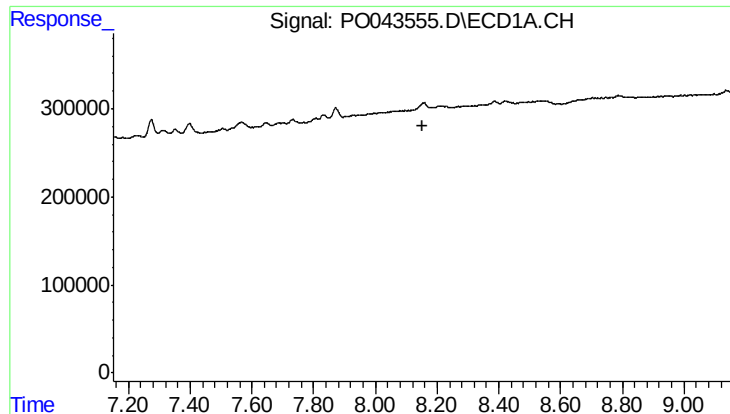
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 7.869 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

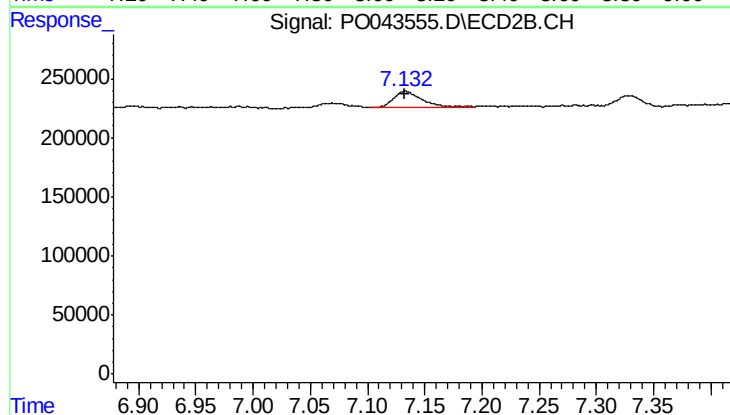
R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 288094  
Conc: 7.80 ng/ml



#35 AR-1260-5

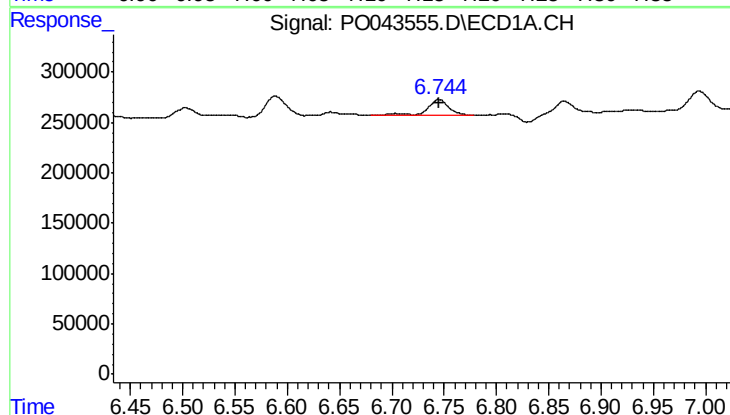
R.T.: 0.000 min  
Exp R.T.: 8.151 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



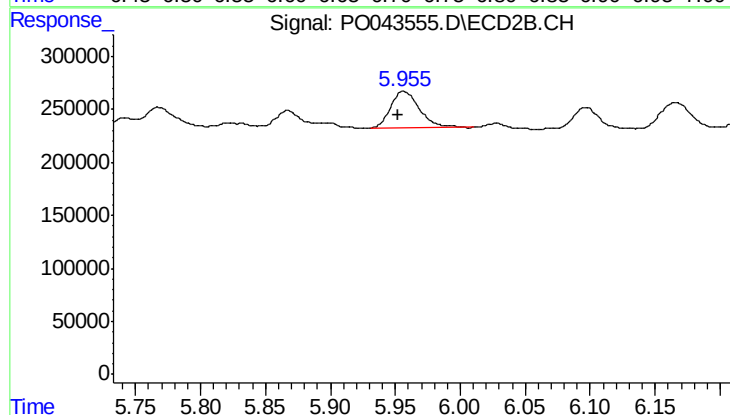
#35 AR-1260-5

R.T.: 7.133 min  
Delta R.T.: 0.001 min  
Response: 231453  
Conc: 9.00 ng/ml



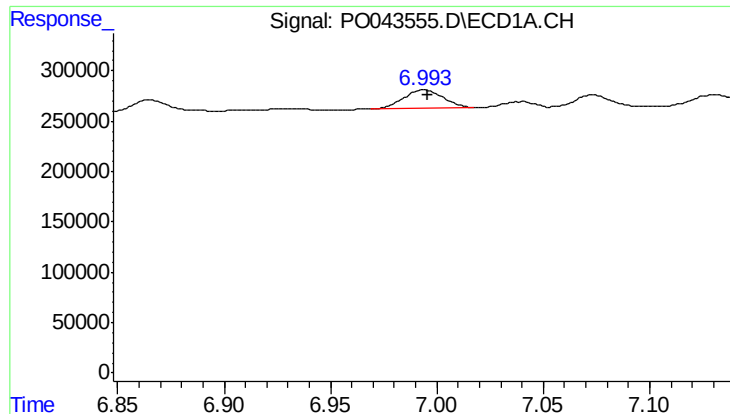
#36 AR-1262-1

R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 234563  
Conc: 24.40 ng/ml



#36 AR-1262-1

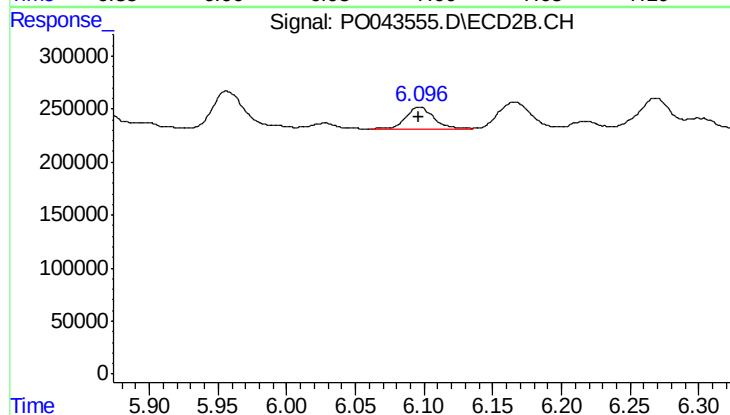
R.T.: 5.956 min  
Delta R.T.: 0.004 min  
Response: 535741  
Conc: 24.62 ng/ml



#37 AR-1262-2

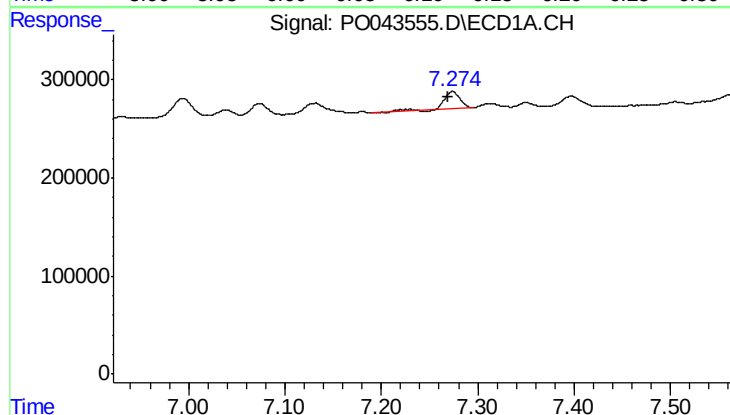
R.T.: 6.994 min  
Delta R.T.: -0.002 min  
Response: 245092  
Conc: 20.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



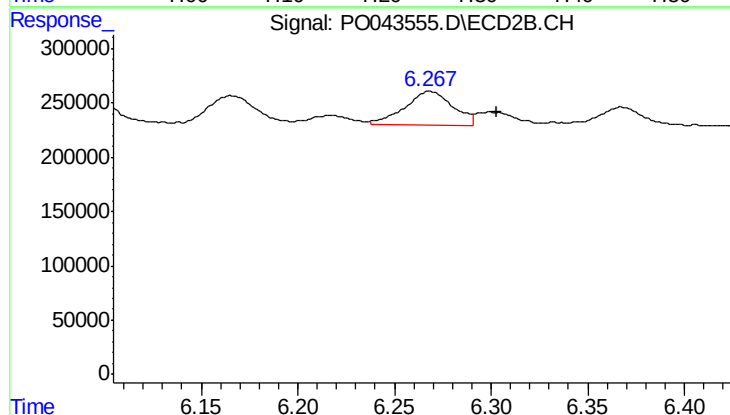
#37 AR-1262-2

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 303687  
Conc: 15.05 ng/ml



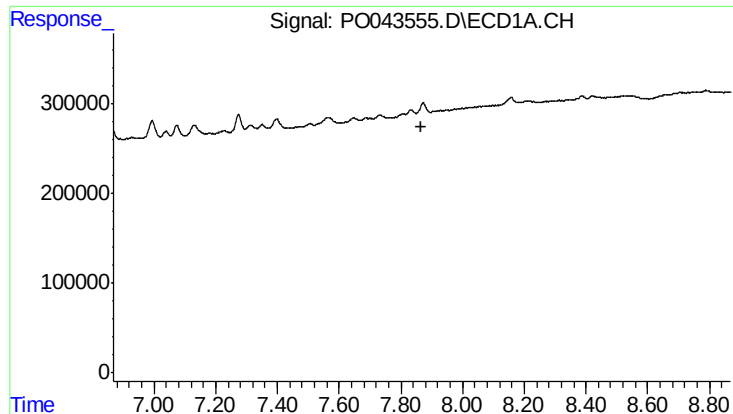
#38 AR-1262-3

R.T.: 7.274 min  
Delta R.T.: 0.005 min  
Response: 188279  
Conc: 16.71 ng/ml



#38 AR-1262-3

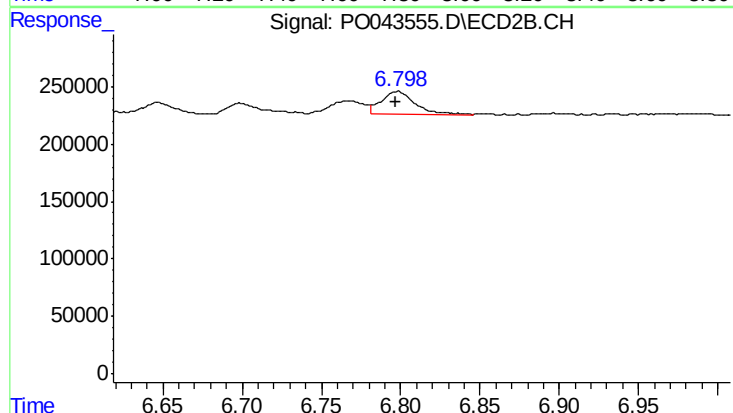
R.T.: 6.269 min  
Delta R.T.: -0.034 min  
Response: 538005  
Conc: 15.44 ng/ml



#40 AR-1262-5

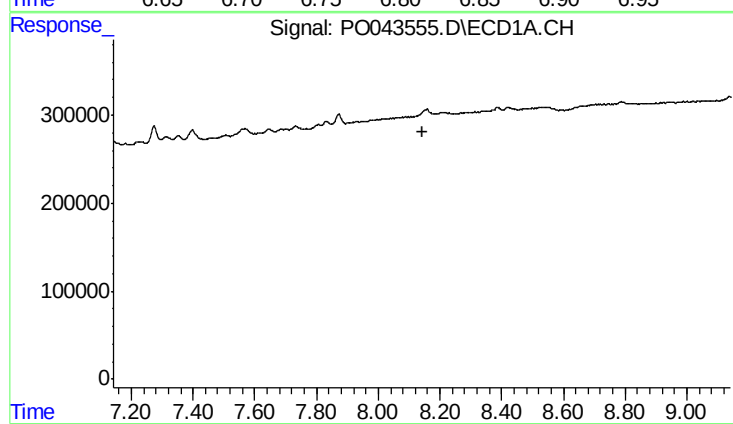
R.T.: 0.000 min  
Exp R.T.: 7.868 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



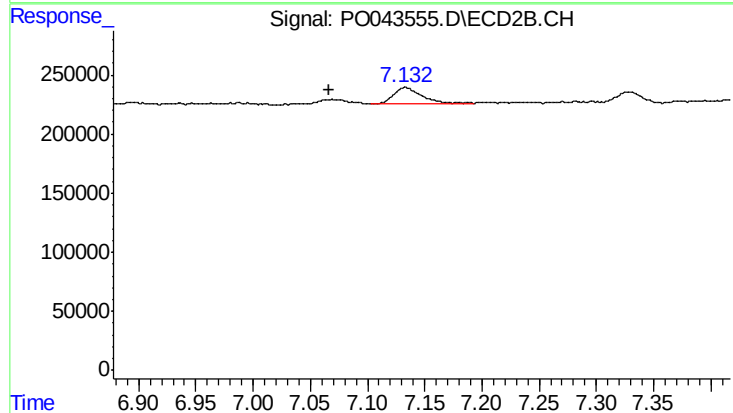
#40 AR-1262-5

R.T.: 6.798 min  
Delta R.T.: 0.002 min  
Response: 288094  
Conc: 4.94 ng/ml



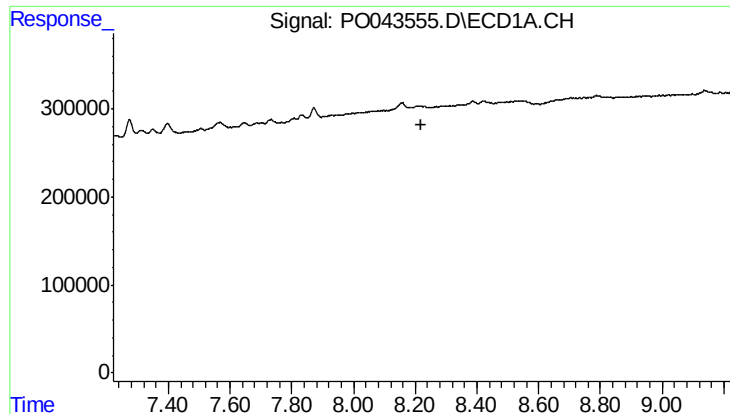
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 8.142 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

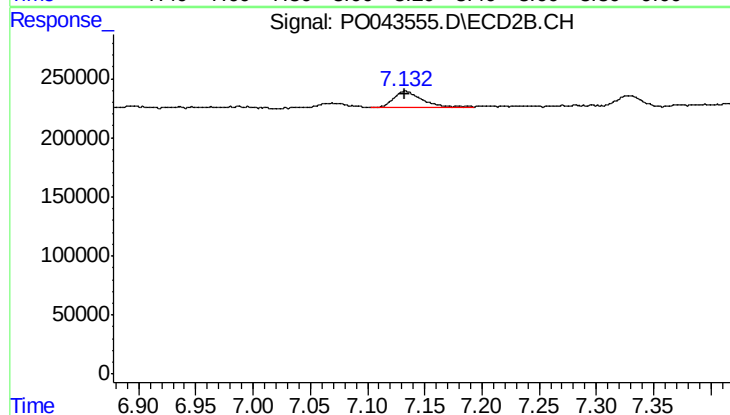
R.T.: 7.133 min  
Delta R.T.: 0.067 min  
Response: 231453  
Conc: 3.97 ng/ml



#42 AR-1268-2

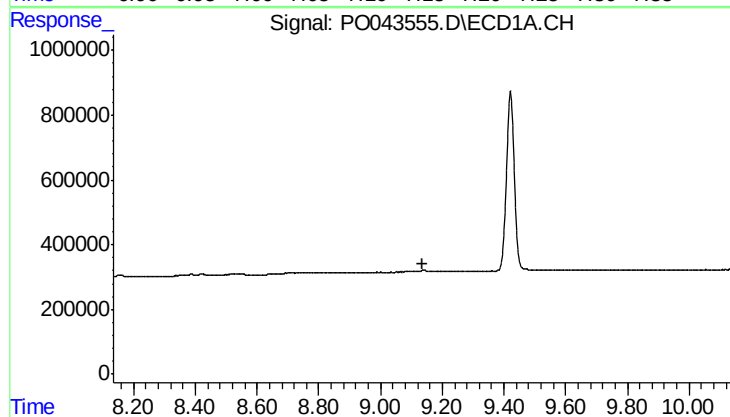
R.T.: 0.000 min  
Exp R.T.: 8.222 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



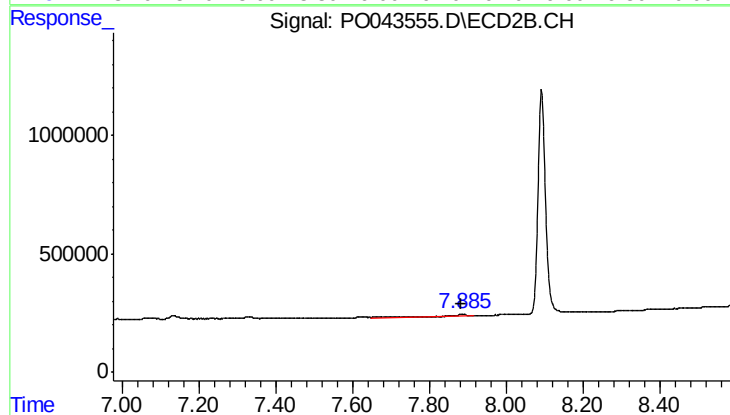
#42 AR-1268-2

R.T.: 7.133 min  
Delta R.T.: 0.000 min  
Response: 231453  
Conc: 4.43 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.134 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 7.885 min  
Delta R.T.: 0.004 min  
Response: 38902  
Conc: 0.35 ng/ml